HCA - LEE'S SUMMIT MEDICAL CENTER

MED SURG & DIETARY EXPANSION

2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

DGL PROJECT NO 6406.24.0001
HCA PROJECT NO. 0972400009

DATE:
A 2025/06/06 1

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DATE SIGNED: 6/6/25

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SUBMITTALS:	DATE:
CITY & STATE - 1ST REVIEW	12/05/2024
A CITY - 2ND REVIEW	02/06/2025
B DESIGN COORDINATION	02/06/2025
1 DESIGN COORDINATION	06/06/2025

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GENERAL INFORMATION				
GI000 COVER SHEET	X	R	R	R
GI001 SHEET INDEX	X	R	R	R
GI101 PROJECT INFORMATION, AREA MAPS, SYMBOLS	X	R		
CIVIL				
C0.0 COVER SHEET	X		R	
C1.0 EXISTING CONDITIONS	X			
C2.0 GENERAL NOTES	X			
C3.0 INITIAL EROSION CONTROL PLAN	X		R	
C3.1 FINAL EROSION CONTROL PLAN	X		R	
C3.2 SEDIMENT AND EROSION CONTROL DETAILS	X			
C3.3 SEDIMENT AND EROSION CONTROL DETAILS	X			
C4.0 OVERALL DEMOLITION PLAN	X		R	
C4.1 DETAILED DEMOLITION PLAN	X		R	
C4.2 DETAILED DEMOLITION PLAN	X		R	
C5.0 OVERALL LAYOUT PLAN	X		R	
C5.1 DETAILED LAYOUT PLAN	X		R	
C5.2 DETAILED LAYOUT PLAN	X		R	
C6.0 OVERALL GRADING & DRAINAGE PLAN	X		R	
C6.1 DETAILED GRADING & DRAINAGE PLAN	X		R	
C6.2 DETAILED GRADING & DRAINAGE PLAN	X		R	
C6.3 DETENTION BASIN DETAILS	X		R	
C6.4 PEDESTRIAN BRIDGE PLAN & PROFILE	X		R	
C7.0 OVERALL UTILITY PLAN	X		R	
C7.1 DETAILED UTILITY PLAN	X		R	
C8.0 SITE DETAILS	X		R	
C8.1 SITE DETAILS	X			
C8.2 SITE DETAILS	X			
LANDSCAPE				
L1.0 OVERALL LANDSCAPE PLAN	X		R	
L1.1 DETAILED LANDSCAPE PLAN	X		R	
L1.2 DETAILED LANDSCAPE PLAN	X		R	
L2.0 LANDSCAPE DETAILS	X		R	
STRUCTURAL				
S001 STRUCTURAL AXON VIEWS	X			
S011 STRUCTURAL NOTES	X			
S012 STRUCTURAL NOTES	X			
S013 STRUCTURAL SPECIAL INSPECTIONS	X			
S120 PEDESTRIAN BRIDGE FOUNDATION AND FRAMING PLANS	X			R
S121 LEVEL 1 FOUNDATION PLAN	X		R	
S122 LEVEL 2 FRAMING PLAN	X		R	
S123A LEVEL 3 FRAMING PLAN - SECTOR A	X		R	R
S123B LEVEL 3 FRAMING PLAN - SECTOR B	X		R	R
S124A ROOF FRAMING PLAN - SECTOR A	X		R	
S124B ROOF FRAMING PLAN - SECTOR B	X		R	R
S201 TYPICAL FOUNDATION AND SLAB ON GROUND SECTIONS AND DETAILS	X		R	
S211 PEDESTRIAN BRIDGE STRUCTURAL SECTIONS AND DETAILS	X		R	
S301 TYPICAL COMPOSITE STEEL FRAMING SECTIONS AND DETAILS	X			
S302 TYPICAL STEEL FRAMING SECTIONS AND DETAILS	X			R
S303 TYPICAL STEEL ROOF FRAMING SECTIONS AND DETAILS	X			
S401 TYPICAL VERTICAL TRANSPORTATION SYSTEMS SECTIONS AND DETAILS	X			
S501 COLUMN SECTIONS AND DETAILS	X			R
S601 MOMENT FRAME SECTIONS AND DETAILS	X			
ARCHITECTURAL LIFESAFETY				
AC101 LIFE SAFETY FLOOR PLAN – LEVEL 1	X			
AC103 LIFE SAFETY FLOOR PLAN – LEVEL 3	X			R
AC501 PARTITION TYPES & DETAILS	X			
AC521 TYPICAL MOUNTING HEIGHTS	X			
AC522 TYPICAL MOUNTING HEIGHTS	X			
AC523 TYPICAL MOUNTING HEIGHTS	X			
ARCHITECTURAL DEMOLITION				
AD101 DEMOLITION PLAN - LEVEL 1	X		R	
AD103 DEMOLITION PLAN - LEVEL 3	X		R	
AD104 DEMOLITION PLAN - ROOF	X		R	
AD171 DEMOLITION RCP - LEVEL 1	X			
AD173 DEMOLITION RCP - LEVEL 3	X			
B AD311 ARCHITECTURAL DEMOLITION SECTIONS & DETAILS			X	
ARCHITECTURAL SITE				
AS001 ARCHITECTURAL SITE PLAN	X			
AS501 SITE DETAILS	X			

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ARCHITECTURAL				
AE101 OVERALL SCOPE FLOOR PLAN - LEVEL 1	X			
AE103 OVERALL SCOPE FLOOR PLAN - LEVEL 3	X			R
AE111 OVERALL ROOF PLAN	X	R	R	
AE121A DIMENSION FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING	X		R	
AE123A DIMENSION FLOOR PLAN - LEVEL 3 - SECTOR A - MEDSURG	X		R	R
AE123B DIMENSION FLOOR PLAN - LEVEL 3 - SECTOR B - MEDSURG	X		R	R
AE131A ANNOTATION FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING	X		R	
AE133A ANNOTATION FLOOR PLAN - LEVELS 2 & 3 - SECTOR A - MEDSURG	X		R	R
AE133B ANNOTATION FLOOR PLAN - LEVEL 3 - SECTOR B - MEDSURG	X		R	R
AE141 OVERALL EDGE-OF-SLAB - LEVEL 1	X			
AE143 OVERALL EDGE-OF-SLAB - LEVEL 3	X		R	R
AE144 OVERALL EDGE-OF-SLAB - LEVEL 4	X		R	
AE181A REFLECTED CEILING PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING	X		R	
AE182A REFLECTED CEILING PLAN - LEVEL 2 - SECTOR A - EXISTING MEDSURG	X			
AE182B REFLECTED CEILING PLAN - LEVEL 2 - SECTOR B - EXISTING MEDSURG	X			
AE183A REFLECTED CEILING PLAN - LEVEL 3 - SECTOR A - MEDSURG	X		R	R
AE183B REFLECTED CEILING PLAN - LEVEL 3 - SECTOR B - MEDSURG	X		R	
AE201 EXTERIOR BUILDING ELEVATIONS - DIETARY	X		R	
AE202 EXTERIOR BUILDING ELEVATIONS - MED/SURG	X		R	R
AE203 EXTERIOR BUILDING ELEVATIONS - MED/SURG	X		R	R
AE301 BUILDING SECTIONS - DIETARY	X			
AE302 BUILDING SECTIONS - MED/SURG	X			R
AE303 BUILDING SECTIONS - MED/SURG	X			R
AE311 EXTERIOR WALL SECTIONS - DIETARY	X			
AE312 EXTERIOR WALL SECTIONS - MED/SURG	X		R	R
AE331 INTERIOR SHAFT WALL SECTIONS & DETAILS	X		R	
AE361 STAIR WALL SECTIONS	X		R	
AE401 ENLARGED FLOOR PLANS - LEVEL 3 - MED SURG	X			R
AE402 ENLARGED FLOOR PLANS - LEVEL 3 - MED SURG	X			
AE421 ENLARGED STAIR PLANS	X			
AE450 ENLARGED CANOPY PLANS, SECTIONS & DETAILS	X			
AE501 EXTERIOR WALL DETAILS - DIETARY	X	R		
AE502 EXTERIOR WALL DETAILS - MED/SURG	X	R		R
AE531 EXTERIOR ROOF DETAILS	X			
AE532 EXTERIOR ROOF DETAILS	X			
AE533 EXTERIOR ROOF DETAILS	X	R		
AE601 DOOR SCHEDULES - LEVEL 1 - DIETARY	X			
AE602 DOOR SCHEDULES - LEVEL 3 - MED/SURG	X	R	R	
AE621 EXTERIOR & INTERIOR DOOR DETAILS	X			
AE651 WINDOW SCHEDULES, ELEVATIONS & DETAILS	X		R	
AE671 EXTERIOR WINDOW, LOUVER & BRICK SILL DETAILS	X			
B AE673 EXTERIOR WINDOW DETAILS			X	
AE701 INTERIOR DETAILS	X			
AE720 CEILING DETAILS	X			
AE740 CASEWORK DETAILS & LEGEND	X			
AE741 MILLWORK DETAILS	X		R	
AE760 STAIR DETAILS	X			
INTERIORS				
AF001 GENERAL FINISH SPECIFICATIONS AND NOTES	X		R	
AF002 GENERAL FINISH SPECIFICATIONS AND NOTES	X		R	
AF003 SIGNAGE KEY	X			
AF004 SIGNAGE KEY	X			
AF005 SIGNAGE KEY	X			
AF006 SIGNAGE KEY	X			
AF007 SIGNAGE KEY	X			
AF101 FINISH FLOOR PLAN - LEVEL 1	X		R	
AF102 WALL PROTECTION PLAN - LEVEL 1	X		R	
AF103 FLOOR PATTERN PLAN - LEVEL 1	X			
AF104 FURNITURE PLAN - LEVEL 1	X			
AF105 SIGNAGE PLAN - LEVEL 1	X		R	
AF301 OVERALL FLOOR PLAN - LEVEL 3 MED SURG	X			
AF301A FINISH FLOOR PLAN - LEVEL 3 - SECTOR A -(16) BED UNIT	X		R	
AF301B FINISH FLOOR PLAN - LEVEL 3 SECTOR B - (12) BED UNIT	X		R	
AF302A WALL PROTECTION PLAN - LEVEL 3 SECTOR A (16) BED UNIT	X		R	
AF302B WALL PROTECTION PLAN - LEVEL 3 SECTOR B (12) BED UNIT	X		R	
AF303A FLOOR PATTERN PLAN - LEVEL 3 - SECTOR A - (16) BED UNIT	X		R	
AF303B FLOOR PATTERN PLAN - LEVEL 3 - SECTOR B - (12) BED UNIT	X		R	
AF304A FURNITURE PLAN - LEVEL 3 SECTOR A	X			
AF304B FURNITURE PLAN - LEVEL 3 SECTOR B	X			
AF305A SIGNAGE PLAN - LEVEL 3 - SECTOR A - (16) BED UNIT	X			
AF305B SIGNAGE PLAN - LEVEL 3 - SECTOR B - (12) BED UNIT	X			
PLUMBING				
P00-00 GENERAL INFORMATION - PLUMBING	X			
PD02-00 UNDERFLOOR DEMOLITION PLAN - PLUMBING	X			
PD02-01 DEMOLITION PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING - PLUMBING	X			
PD02-02A DEMOLITION PLAN - LEVEL 02- SECTOR A - PLUMBING	X			
PD02-02B DEMOLITION PLAN - LEVEL 02 - SECTOR B - PLUMBING	X			
PD02-03A DEMOLITION PLAN - LEVEL 03 - SECTOR A - PLUMBING	X		R	
PD02-03B DEMOLITION PLAN - LEVEL 03 - SECTOR B - PLUMBING	X		R	
PD03-01 DEMOLITION PLAN - LEVEL 01 - KITCHEN, SERVERY & DINING - MEDICAL GAS	X			
PD03-02A DEMOLITION PLAN - LEVEL 02 - SECTOR A - MEDICAL GAS	X			
P02-00 UNDERFLOOR PLAN - PLUMBING	X	R		
P02-01 FLOOR PLAN - LEVEL 01 - SECTOR A - KITCHEN,SERVERY & DINING - PLUMBING	X	R	R	
P02-02A FLOOR PLAN - LEVEL 02 - SECTOR A - PLUMBING	X			
P02-02B FLOOR PLAN - LEVEL 02- SECTOR B - PLUMBING	X		R	
P02-03A FLOOR PLAN - LEVEL 03 - SECTOR A - PLUMBING	X		R	
P02-03B FLOOR PLAN - LEVEL 03 - SECTOR B - PLUMBING	X		R	
P03-01 FLOOR PLAN - LEVEL 01 - KITCHEN, SERVERY & DINING - MEDICAL GAS	X			
P03-02A FLOOR PLAN - LEVEL 02 - SECTOR A - MEDICAL GAS	X			
P03-03A FLOOR PLAN - LEVEL 03 - SECTOR A - MEDICAL GAS	X			
P03-03B FLOOR PLAN - LEVEL 03 - SECTOR B - MEDICAL GAS	X			
P06-01 RISER DIAGRAM - PLUMBING	X			
P06-02 RISER DIAGRAM - PLUMBING	X			
P06-03 RISER DIAGRAM - PLUMBING	X			
P06-04 RISER DIAGRAM - PLUMBING	X			
P07-01 DETAILS - PLUMBING	X			
P07-02 DETAILS - PLUMBING	X			
P08-01 SCHEDULES - PLUMBING	X		R	

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MECHANICAL				
M00-00 GENERAL INFORMATION - MECHANICAL	X			
M01-01 CONTROLS - MECHANICAL	X			
M01-02 CONTROLS - MECHANICAL	X			
M01-03 CONTROLS - MECHANICAL	X			
M01-04 CONTROLS - MECHANICAL	X			
M01-05 CONTROLS - MECHANICAL	X			
M01-06 CONTROLS - MECHANICAL	X			
M01-07 CONTROLS - MECHANICAL	X			
MD02-01 DEMOLITION PLAN - LEVEL 01 - KITCHEN, SERVERY & DINING - HVAC	X			
MD02-02A DEMOLITION PLAN - LEVEL 02 - SECTOR A HVAC	X			
MD02-02B DEMOLITION PLAN - LEVEL 02 - SECTOR B HVAC	X			
MD02-03A DEMOLITION PLAN - LEVEL 03 - SECTOR A HVAC	X			R
MD02-03B DEMOLITION PLAN - LEVEL 03 - SECTOR B HVAC	X			R
MD03-01 DEMOLITION PLAN - LEVEL 01 - KITCHEN, SERVERY & DINING - HVAC PIPING	X			
MD03-01C DEMOLITION PLAN - LEVEL 01 - KITCHEN, SERVERY & DINING - SECTOR C HVAC PIPING	X			
MD03-03A DEMOLITION PLAN - LEVEL 03 - SECTOR A HVAC PIPING	X			
MD03-03B DEMOLITION PLAN - LEVEL 03 - SECTOR B HVAC PIPING	X			
M02-00 SITE PLAN - MECHANICAL PLAN	X			
M02-01 FLOOR PLAN - LEVEL 01 - KITCHEN, SERVERY & DINING - HVAC	X	R	R	
M02-02A FLOOR PLAN - LEVEL 02 - SECTOR A HVAC	X			
M02-02B FLOOR PLAN - LEVEL 02 - SECTOR B HVAC	X			
M02-03A FLOOR PLAN - LEVEL 03 - SECTOR A HVAC	X			R
M02-03B FLOOR PLAN - LEVEL 03 - SECTOR B HVAC	X		R	R
M03-01 FLOOR PLAN - LEVEL 01 - KITCHEN, SERVERY & DINING - HVAC PIPING	X	R		
M03-03A FLOOR PLAN - LEVEL 03 - SECTOR A HVAC PIPING	X			R
M03-M03B FLOOR PLAN - LEVEL 03 - SECTOR B HVAC PIPING	X		R	
M05-01 ENLARGED PLAN - MECHANICAL	X		R	
M06-01 RISER DIAGRAM - MECHANICAL	X		R	
M06-02 RISER DIAGRAM - MECHANICAL	X			
M06-03 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		R	
M08-02 SCHEDULES - MECHANICAL	X			
M08-03 SCHEDULES - MECHANICAL	X		R	
M08-04 SCHEDULES - MECHANICAL	X		R	
MEP				
MEPD02-03 ATTACHED MOB ROOF DEMOLITION PLAN	X			
MEP01-01 SITE PLAN - UNDERGROUND - MEP	X			
MEP02-02D ROOF PLAN - AREA D - MEP	X	R		
MEP02-03 ATTACHED MOB ROOF PLAN - MEP	X	R		
MEP02-04A ROOF PLAN - AREA A - MEP	X			
MEP02-04B ROOF PLAN - AREA B - MEP	X			
ELECTRICAL				
E00-00 GENERAL INFORMATION - ELECTRICAL	X			
ED02-01 DEMOLITION PLAN - LEVEL 01 - SECTOR A - KITCHEN, SERVERY & DINING - ELECTRICAL	X			
ED02-03A DEMOLITION PLAN - LEVEL 03 - SECTOR A - ELECTRICAL	X			
ED02-03B DEMOLITION PLAN - LEVEL 03 - SECTOR B - ELECTRICAL	X			
E01-01 SITE PLAN - PHOTOMETRICS	X		R	
E01-02 SITE PLAN - ELECTRICAL	X			
E02-01 FLOOR PLAN - LEVEL 01 SECTOR A - KITCHEN, SERVERY & DINING - POWER	X		R	R
E02-03A FLOOR PLAN - LEVEL 03 - SECTOR A POWER	X		R	R
E02-03B FLOOR PLAN - LEVEL 03 - SECTOR B POWER	X		R	R
E03-01 FLOOR PLAN - LEVEL 01 - SECTOR A - KITCHEN, SERVERY & DINING - LIGHTING	X			
E03-03A FLOOR PLAN - LEVEL 03 - SECTOR A LIGHTING	X		R	R
E03-03B FLOOR PLAN - LEVEL 03 - SECTOR B LIGHTING	X		R	R
E04-01 FLOOR PLAN - LEVEL 01 - SECTOR A - KITCHEN, SERVERY & DINING - SPECIAL SYSTEMS	X			
E04-03A FLOOR PLAN - LEVEL 03 - SECTOR A SPECIAL SYSTEMS	X		R	R
E04-03B FLOOR PLAN - LEVEL 03 - SECTOR B SPECIAL SYSTEMS	X		R	
E05-01 ENLARGED PLANS - ELECTRICAL	X			R
E05-02 ENLARGED PLANS - ELECTRICAL	X		R	
E06-01 ONE LINE DIAGRAM - ELECTRICAL	X		R	
E06-02 ONE LINE DIAGRAM - ELECTRICAL	X		R	
E06-03 ONE LINE DIAGRAM - ELECTRICAL	X		R	
E06-04 DEMO ONE LINE DIAGRAM - ELECTRICAL	X			
E06-05 ONE LINE DIAGRAM - ELECTRICAL	X			R
E07-01 DETAILS - ELECTRICAL	X			
E07-02 DETAIL - ELECTRICAL	X		R	
E07-03 DETAILS - ELECTRICAL	X			
E08-01 SCHEDULES - ELECTRICAL	X			
E08-02 SCHEDULES - ELECTRICAL	X		R	
E08-03 SCHEDULES - ELECTRICAL	X			
E08-04 SCHEDULES - ELECTRICAL	X		R	
E08-05 SCHEDULES - ELECTRICAL	X			
E08-06 SCHEDULES - ELECTRICAL	X			

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T00-00 GENERAL INFORMATION - TECHNOLOGY	X			
TD02-01 DEMOLITION PLAN - LEVEL 01 - SECTOR A - KITCHEN, SEVERY & DINING - COMMUNICATIONS	X		R	
TD02-03A DEMOLITION PLAN - LEVEL 03 - SECTOR A COMMUNICATIONS	X			
T02-01 FLOOR PLAN - LEVEL 01 - SECTOR A - KITCHEN, SEVERY & DINING - COMMUNICATIONS	X			
T02-03A FLOOR PLAN - LEVEL 03 - SECTOR A COMMUNICATIONS	X			R
T02-03B FLOOR PLAN - LEVEL 03 - SECTOR B COMMUNICATIONS	X			R
T03-01 FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SEVERY & DINING - LOW VOLTAGE	X			
T03-03A FLOOR PLAN - LEVEL 03 - SECTOR A LOW VOLTAGE	X			
T03-03B FLOOR PLAN - LEVEL 03- SECTOR B LOW VOLTAGE	X			R
T04-01 FLOOR PLAN - LEVEL 01 - KITCHEN, SEVERY & DINING - SECURITY	X			
T04-03A FLOOR PLAN - LEVEL 03 - SECTOR A SECURITY	X			
T04-03B FLOOR PLAN - LEVEL 03- SECTOR B SECURITY	X			
T05-01 ENLARGED 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			
T08-01 SCHEDULES - TECHNOLOGY	X			
VENDOR (NEOPOD)				
NP0.00 VENDOR COVER SHEET	F			
NP1.3 LEVEL 3 MODULE FLOOR PLAN	F			
NP1.3.1 LEVEL 3 NEOPODWALL FLOOR PLAN	F			
NP1.3.2 LEVEL 3 NEOPODWALL AXON	F			
NP3.01 ENLARGED ROOM PLANS	F			
NP3.02 ENLARGED MODULE VIEWS-BPR82	F			
NP3.03 ENLARGED MODULAR VIEWS	F			
NP3.52 NEOPPODWALL DETAILS	F			
NP4.00 NEOPODWALL ENLARGED FLOOR PLAN	F			
NP4.01 NEOPODWALL ENLARGED FLOOR PLAN	F			
NP4.02 NEOPODWALL ENLARGED FLOOR PLAN	F			
NP4.03 NEOPODWALL ENLARGED FLOOR PLAN	F			
NP4.04 NEOPODWALL ENLARGED FLOOR PLAN	F			
NP4.05 NEOPODWALL ENLARGED FLOOR PLAN	F			
NP4.06 NEOPODWALL ENLARGED FLOOR PLAN	F			
NP5.00 NEOPODWALL ELEVATIONS	F			
NP5.01 NEOPODWALL ELEVATIONS	F			
NP5.02 NEOPODWALL ELEVATIONS	F			
NP5.03 NEOPODWALL ELEVATIONS	F			
NP5.04 NEOPODWALL ELEVATIONS	F			
NP5.05 NEOPODWALL ELEVATIONS	F			
NP5.06 NEOPODWALL ELEVATIONS	F			

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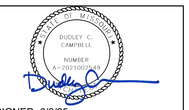

DATE SIGNED: 6/6/25

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MED SURG & DIETARY EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/02/06
B	DESIGN COORDINATION	2025/02/06
1	DESIGN COORDINATION	2025/06/06

DATE:	2024/12/05
SCALE:	
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

SHEET INDEX

GI001

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt
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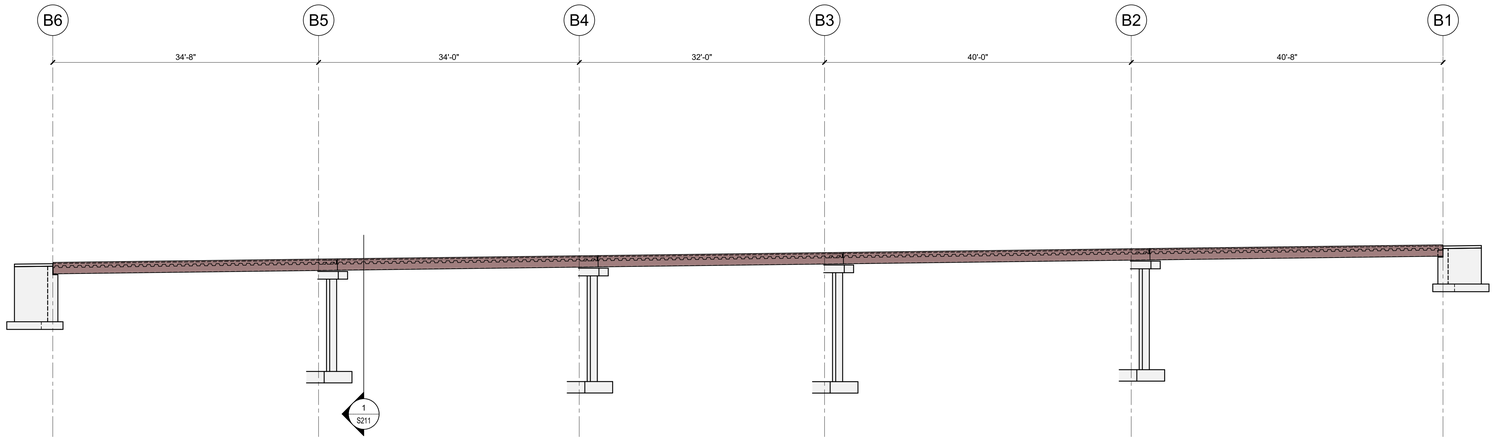
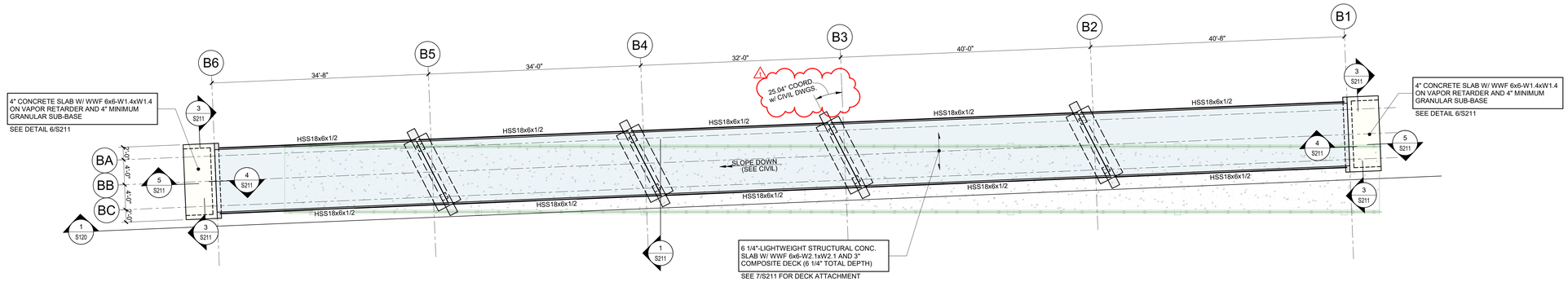
NOTES:

1. REFERENCE ELEVATION 1008.29' = 0'-0" (REFER TO CIVIL DRAWINGS).
2. FOUNDATION ELEMENTS ARE CENTERED UNDER COLUMNS UNLESS NOTED OTHERWISE.
3. REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR DIMENSIONS NOT SHOWN. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL AND CIVIL DRAWINGS.
4. TOP OF SLAB ELEVATIONS ARE APPROXIMATE. REFER TO CIVIL DRAWINGS FOR TOP OF SLAB ELEVATIONS AND SLOPES.

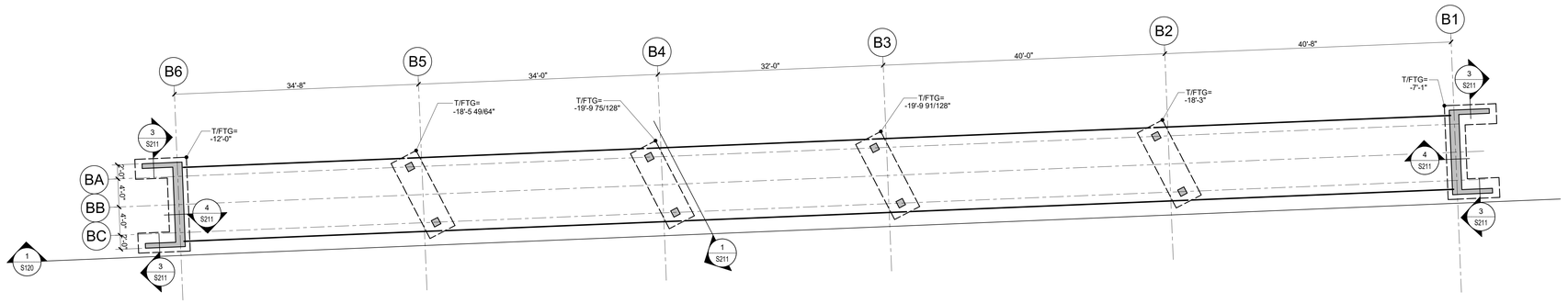


1 BRIDGE ELEVATION



PEDESTRIAN BRIDGE FRAMING PLAN

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



PEDESTRIAN BRIDGE FOUNDATION PLAN

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

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615 320 1735

Project No. 24051.00

STATE OF MISSOURI — MICHAEL JOSEPH CURRIN — NUMBER 2012044 — NOTARIAL ENGINEER

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AGENCY

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1	DESIGN COORDINATION	2025/06/06

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REVIEWED:	JDP
JOB NUMBER:	6406.24

PEDESTRIAN BRIDGE FOUNDATION AND FRAMING PLANS

S120

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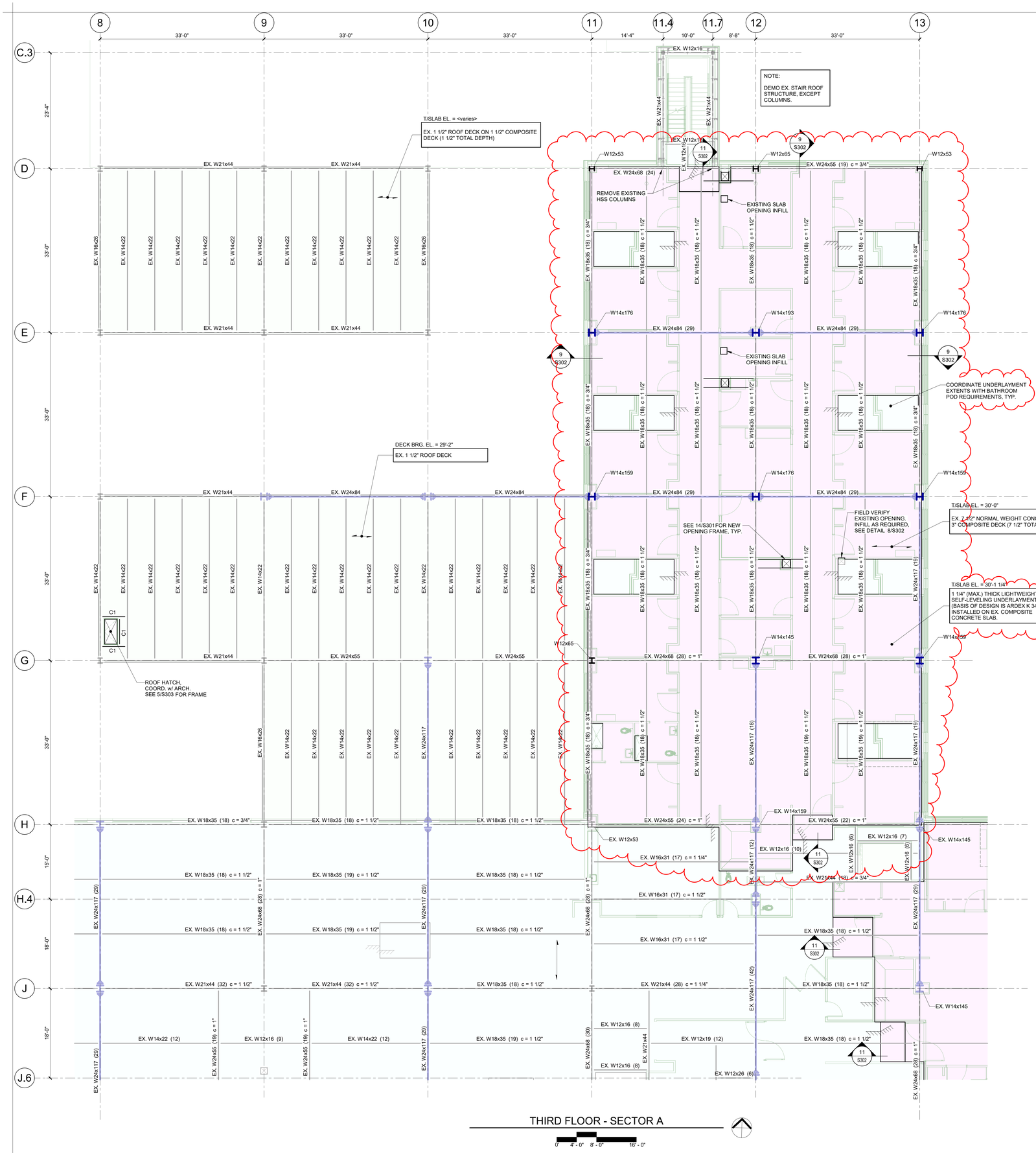
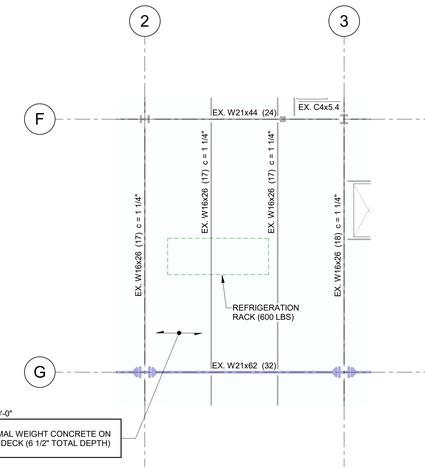


THIRD FLOOR - SECTOR A

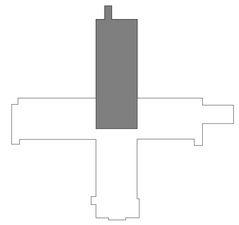
0' 4' - 0" 8' - 0" 16' - 0"



THIRD FLOOR/ROOF PART PLAN

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

KEY PLAN



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.
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6. COORDINATE ALL SLAB OPENINGS AND DEPRESSIONS WITH MEP AND ARCHITECTURAL DRAWINGS.
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8. 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.
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S501	GRAVITY COLUMNS
S601	MOMENT FRAMES
5/S302	TOPPING SLAB & HOUSEKEEPING PADS

MARK AND LEGEND KEY:
WELD THROUGH MOMENT CONNECTION
TOPPING SLAB, HOUSEKEEPING PAD, OR CURB
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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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AGENCY

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SCALE: 1/8" = 1'-0"
DRAWN: JL
REVIEWED: JDP
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LEVEL 3 FRAMING PLAN - SECTOR A

S123A

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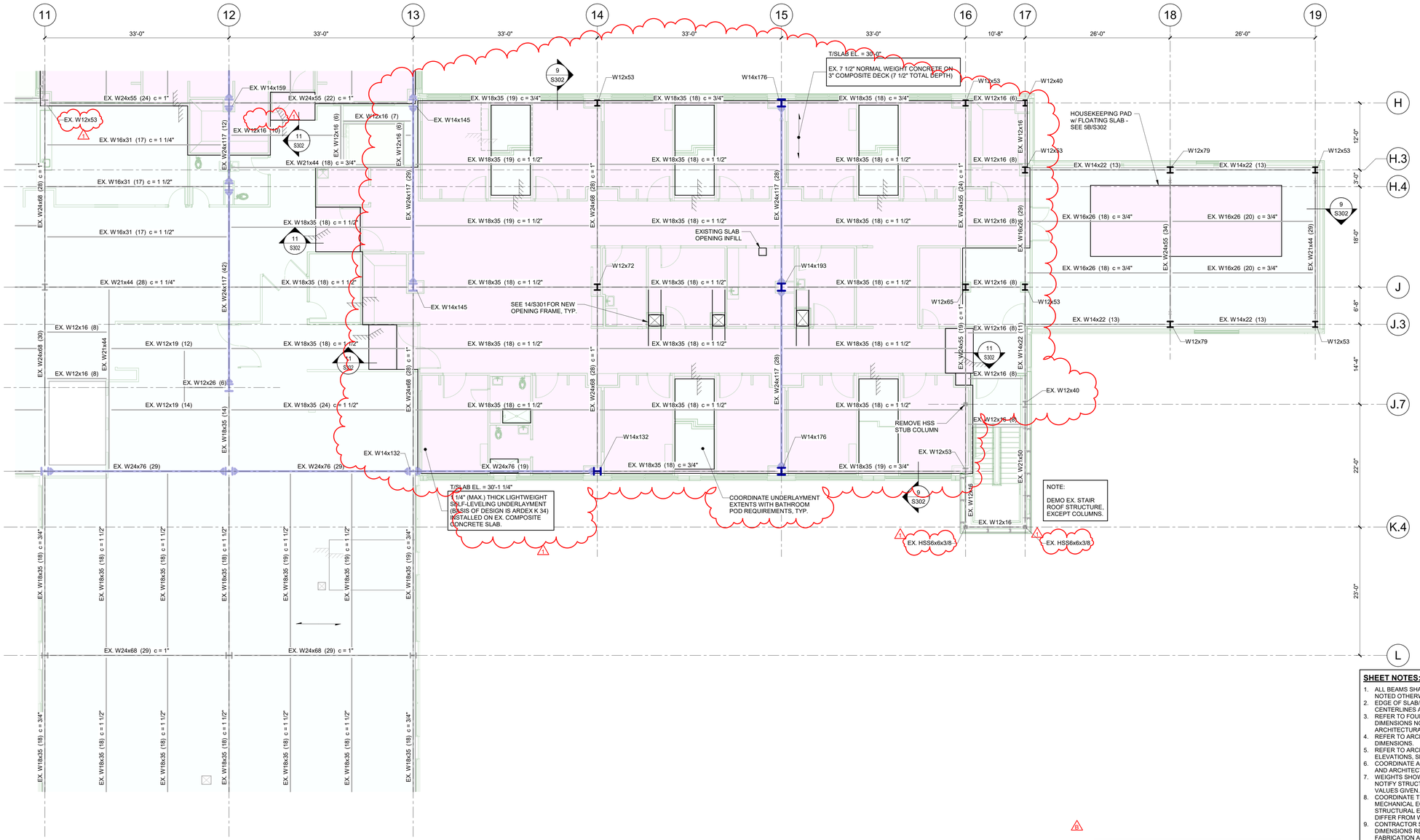
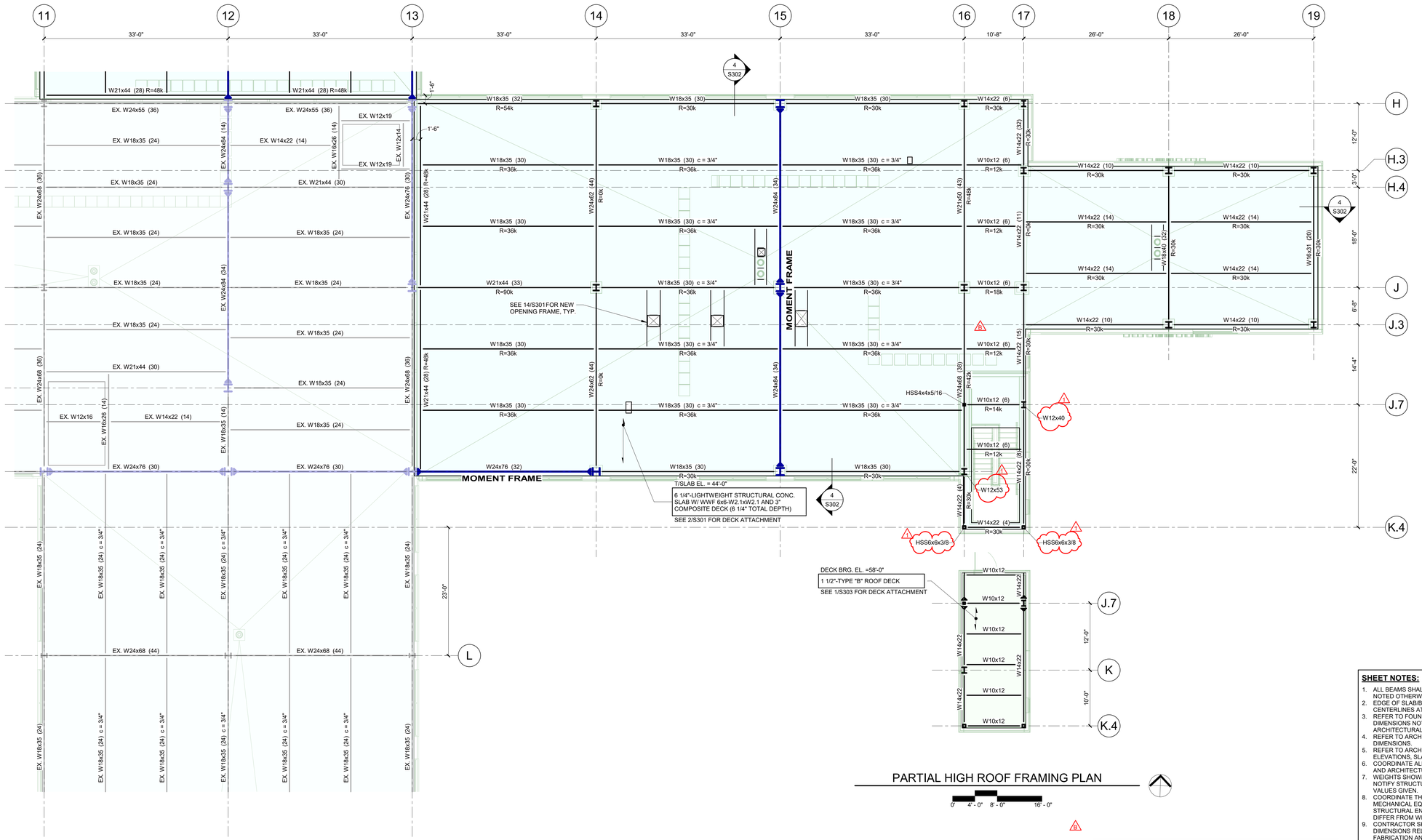

11
12
13
14
15
16
17
18
19
H
H.3
H.4
J
J.3
J.7
K.4
L
33'-0"
33'-0"
33'-0"
33'-0"
33'-0"
10'-8"
26'-0"
26'-0"
T/SLAB EL. = 30'-0"
EX. 7 1/2" NORMAL WEIGHT CONCRETE ON 3" COMPOSITE DECK (7 1/2" TOTAL DEPTH)
HOUSEKEEPING PAD w/ FLOATING SLAB - SEE 5B/S302
EXISTING SLAB OPENING INFILL
SEE 14/S301FOR NEW OPENING FRAME, TYP.
REMOVE HSS STUB COLUMN
COORDINATE UNDERLAYMENT EXTENTS WITH BATHROOM POD REQUIREMENTS, TYP.
T/SLAB EL. = 30'-1 1/4"
1/4" (MAX.) THICK LIGHTWEIGHT SELF-LEVELING UNDERLAYMENT (BASIS OF DESIGN IS ARDEX K 34) INSTALLED ON EX. COMPOSITE CONCRETE SLAB.
NOTE:
DEMO EX. STAIR ROOF STRUCTURE, EXCEPT COLUMNS.
EX. HSS6x6x3/8
EX. W24x55 (24) c = 1"
EX. W14x159
EX. W24x55 (22) c = 1"
EX. W12x53
EX. W16x31 (17) c = 1 1/4"
EX. W12x16 (10)
EX. W12x16 (7)
EX. W14x145
EX. W21x44 (18) c = 3/4"
EX. W16x31 (17) c = 1 1/2"
EX. W18x35 (18) c = 1 1/2"
EX. W16x31 (17) c = 1 1/2"
EX. W21x44 (28) c = 1 1/4"
EX. W12x16 (8)
EX. W12x19 (12)
EX. W16x18 (8)
EX. W12x26 (6)
EX. W12x19 (14)
EX. W18x35 (24) c = 1 1/2"
EX. W14x132
EX. W24x76 (29)
EX. W24x76 (19)
EX. W18x35 (18) c = 3/4"
EX. W18x35 (19) c = 3/4"
EX. W24x68 (29) c = 1"
EX. W18x35 (18) c = 3/4"
EX. W18x35 (19) c = 1 1/2"
EX. W18x35 (18) c = 1 1/2"
EX. W24x68 (28) c = 1"
EX. W24x117 (29)
EX. W24x117 (28)
EX. W24x117 (42)
EX. W24x117 (12)
EX. W12x16 (6)
EX. W21x44
EX. W18x35 (14)
W12x53
W14x176
W12x40
W12x72
W14x193
W12x65
W14x132
W12x79
W12x53
W14x22 (13)
W16x26 (18) c = 3/4"
W16x26 (20) c = 3/4"
EX. W24x55 (34)
EX. W21x44 (29)
EX. W24x55 (19) c = 1"
EX. W14x22 (11)
EX. W12x16 (6)
EX. W12x16 (8)
EX. W12x40
EX. W12x76 (6)
EX. W12x53
EX. W21x50
EX. W12x48
EX. W12x16
EX. W24x55 (24) c = 1"
EX. W24x55 (22) c = 1"
EX. W24x55 (241) c = 1"
EX. W16x26 (29)
EX. W16x26 (8)
EX. W12x16 (7)
EX. W12x16 (6)
EX. W12x16 (8)
EX. W12x16 (8)
EX. W12x16 (8)
EX. W12x16 (8)
EX. W12x16 (6)
EX. W12x16 (8)
EX. W12x16 (8)
EX. W12x16 (8)
EX. W12x16 (8



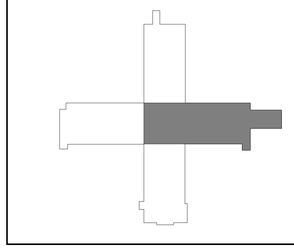
PARTIAL HIGH ROOF FRAMING PLAN

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

ROOF / FUTURE FOURTH - SECTOR B

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

KEY PLAN



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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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STATE OF MISSOURI
MICHAEL JOSEPH CURRIN
NUMBER 2024044744
NOTIONAL ENGINEER
7/10/25

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ROOF FRAMING PLAN - SECTOR B

S124B

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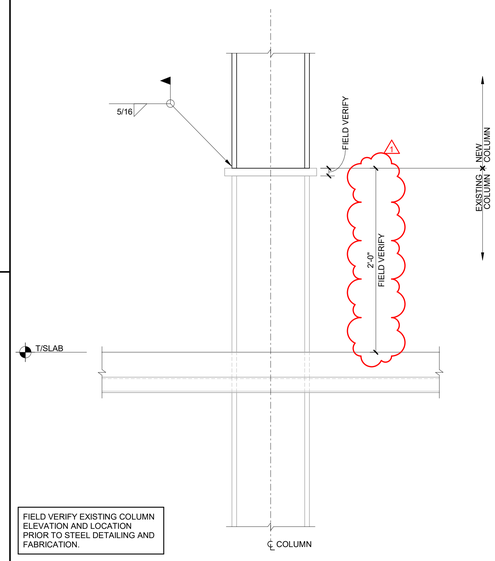


FIELD VERIFY EXISTING COLUMN ELEVATION AND LOCATION PRIOR TO STEEL DETAILING AND FABRICATION.

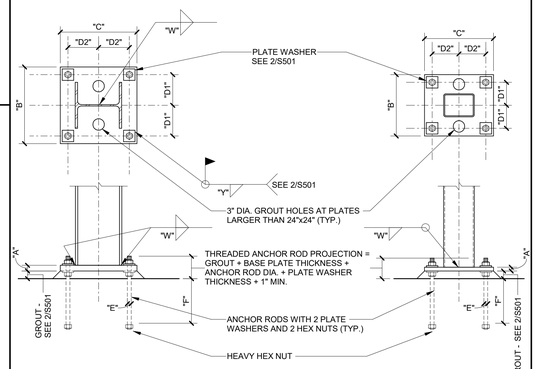
3 TYP. NEW TO EXISTING COLUMN CONNECTION (GRAVITY COLUMNS)

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

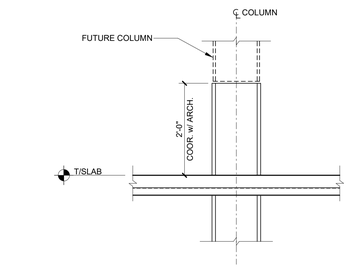
NOTES:
1. PROVIDE SQUARE PLATE WASHERS CONFORMING TO ASTM A36 WITH STANDARD HOLES.
2. WELDS ARE NOT REQUIRED FOR GRAVITY COLUMNS.

2 PLATE WASHER & GROUT THICKNESS SCHEDULE

COLUMN SIZE	BASE PLATE					ANCHOR RODS			WELD
	A	B	C	D1	D2	E	F	№	W
W10x45	1 3/4"	1'-6"	1'-6"	6 1/2"	6 1/2"	1 1/4"	1'-3"	4	5/16"
HSS6x6x1/4	1"	1'-3"	1'-3"	5"	5"	1'-0"	1"	4	5/16"



1 BASE PLATE AND ANCHOR ROD SCHEDULE



4 TYPICAL FUTURE COLUMN CONNECTION (GRAVITY COLUMNS)

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Project No. 24051.00

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MED SURG & DIETARY EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
1	DESIGN COORDINATION	2025/06/06

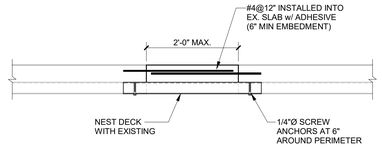
DATE:	2024/12/05
SCALE:	As indicated
DRAWN:	JL
REVIEWED:	JDP
JOB NUMBER:	6406.24

COLUMN SECTIONS AND DETAILS

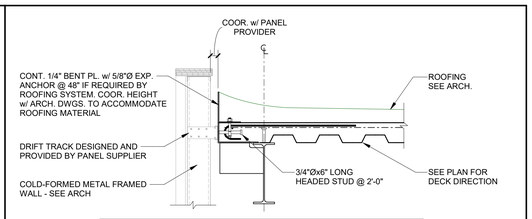
S501

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)_rvt23/2405100-Lee's_Summit_MC_Med-Surg_Bed_Expasion_SD123.rvt
7/11/2025 7:21:45 AM

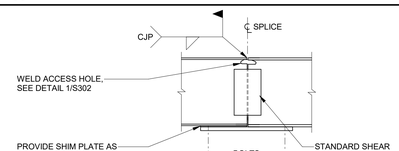


8 TYPICAL SECTION AT EX. SLAB OPENING INFILL



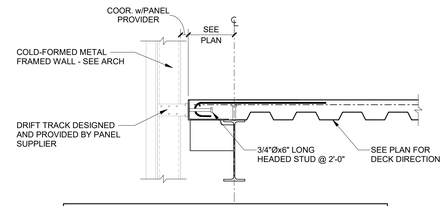
NOTES:
1. SEE 3/S301 AND 8/S301 FOR INFORMATION NOT SHOWN.
2. WALL FRAMING AND ITS CONNECTION TO THE STRUCTURE TO BE DESIGNED BY THE SUPPLIER.
3. COORDINATE BENT PLATE ERECTION TOLERANCES WITH WALL PANEL SUPPLIER.

4 TYPICAL DETAIL AT PRE-FAB CFMF WALL PANEL AT ROOF / FUTURE FLOOR



BEAM SIZE	BOLTS			PLATE SIZE
	DIA.	NO.	SPA.	
W21x50	3/4"	12	3"	5/8"x6 1/2" GR. 50

7 TYPICAL WELDED/BOLTED MOMENT SPLICE



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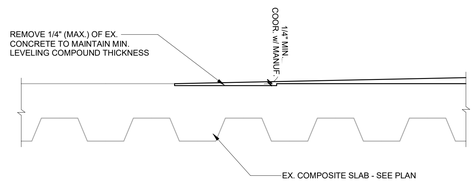
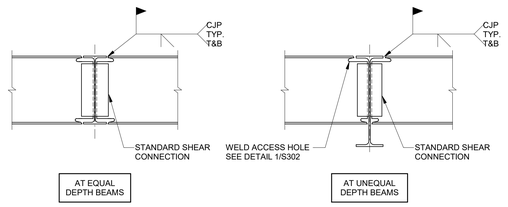
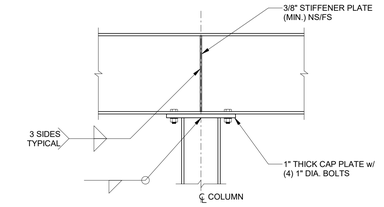
3 TYPICAL DETAIL AT PRE-FAB CFMF WALL PANEL



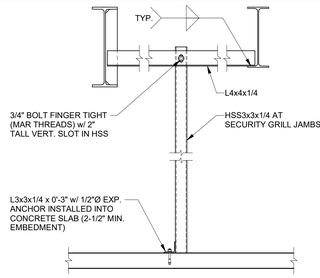
11 SECTION AT LEVELING COMPOUND SLOPE



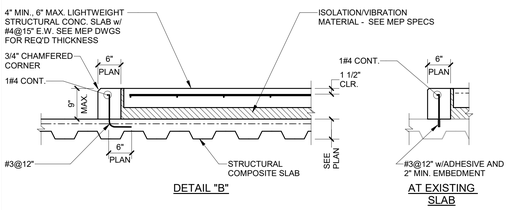
6 TYPICAL MOMENT CONNECTION DETAILS



2 TYPICAL BEAM TO COLUMN CONNECTION CONTINUOUS/CANTILEVERED BEAMS

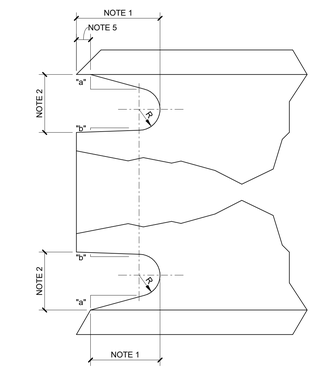


10 SECTION AT SECURITY GRILL FRAME



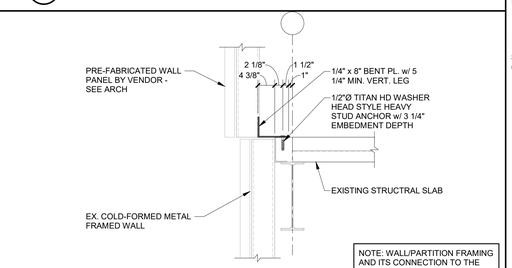
NOTES:
1. THE CONTRACTOR SHALL PROVIDE CONCRETE PADS ADEQUATE FOR THE SUPPORT OF THE MEP EQUIPMENT. THE THICKNESS OF MECHANICAL EQUIPMENT PADS SHALL BE COORDINATED WITH THE ARCHITECTURAL AND MEP DRAWINGS.
2. EXACT SIZES, LOCATIONS, HEIGHTS, AND ANY SPECIAL DETAILS FOR THE PADS SHALL BE OBTAINED FROM 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.

5 EQUIPMENT PAD AND CURB DETAILS



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



NOTE: WALL/PARTITION FRAMING AND ITS CONNECTION TO THE BENT PLATE TO BE DESIGNED BY SUPPLIER

9 SECTION AT 3RD FLOOR

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615 320 1735

Project No. 24051.00

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MED SURG & DIETARY EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/02/06
1	DESIGN COORDINATION	2025/06/06

DATE:	2024/12/05
SCALE:	As indicated
DRAWN:	JL
REVIEWED:	JDP
JOB NUMBER:	6406.24

TYPICAL STEEL FRAMING SECTIONS AND DETAILS

S302

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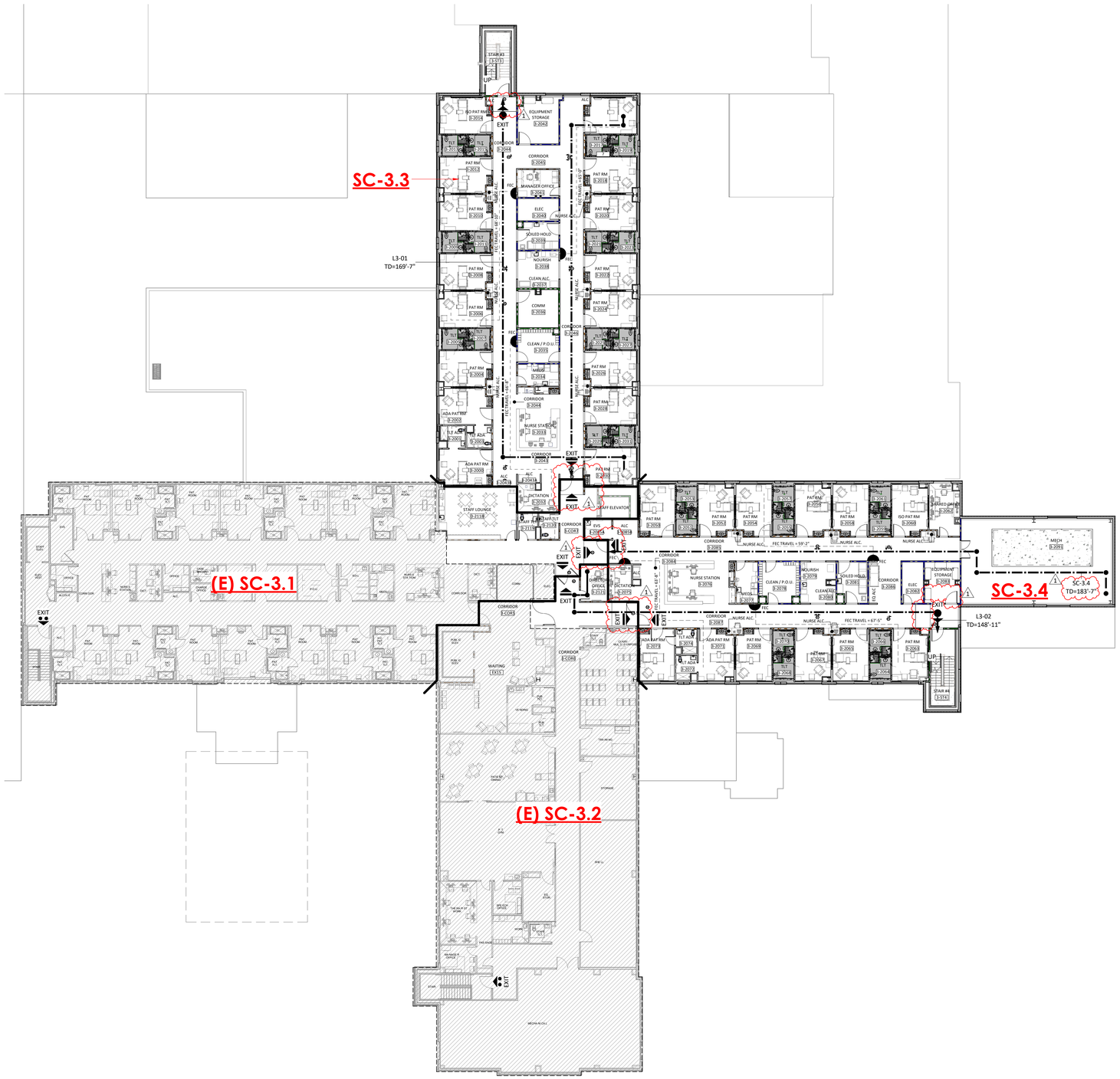
Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_nv23/2405100-Lee's_Summit_MC_Med-Surg_Bed_Expasion_SDL23.rvt
7/11/2025 7:21:46 AM



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

MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	ID	LOAD FACTOR	COMMENT
ACCESSORY STORAGE AREAS	S	300 SF	GROSS
ASSEMBLY W/O FIXED SEATS - CHAIRS ONLY	AC	7 SF	NET
ASSEMBLY W/O FIXED SEATS - TABLES & CHAIRS (WAITING)	AT	15 SF	NET
BUSINESS AREA (OFFICE)	B	150 SF	GROSS
INSTITUTIONAL - INPATIENT TREATMENT AREA	II	240 SF	GROSS
INSTITUTIONAL - OUTPATIENT AREA	IO	100 SF	GROSS
INSTITUTIONAL - SLEEPING AREA	IS	120 SF	GROSS
KITCHENS	K	200 SF	GROSS
LOCKER ROOMS	L	50 SF	GROSS

LEVEL 3 OCC SUMMARY (SC3.3 & SC3.4)

NUMBER	NAME	AREA	OCC ID	LOAD FACTOR	OCC LOAD
3-2000	ADA PAT RM	213 SF	IS	120 SF	2
3-2001	TLT ADA	60 SF	IS	120 SF	1
3-2002	ADA PAT RM	208 SF	IS	120 SF	2
3-2003	TLT ADA	59 SF	IS	120 SF	1
3-2004	PAT RM	208 SF	IS	120 SF	2
3-2005	TLT	55 SF	IS	120 SF	1
3-2006	PAT RM	207 SF	IS	120 SF	2
3-2007	TLT	58 SF	IS	120 SF	1
3-2008	PAT RM	208 SF	IS	120 SF	2
3-2009	TLT	57 SF	IS	120 SF	1
3-2010	PAT RM	205 SF	IS	120 SF	2
3-2011	TLT	57 SF	IS	120 SF	1
3-2012	PAT RM	206 SF	IS	120 SF	2
3-2013	TLT	55 SF	IS	120 SF	1
3-2014	ISO PAT RM	213 SF	IS	120 SF	2
3-2015	TLT	58 SF	IS	120 SF	1
3-2016	PAT RM	213 SF	IS	120 SF	2
3-2017	TLT	58 SF	IS	120 SF	1
3-2018	PAT RM	206 SF	IS	120 SF	2
3-2019	TLT	55 SF	IS	120 SF	1
3-2020	PAT RM	205 SF	IS	120 SF	2
3-2021	TLT	58 SF	IS	120 SF	1
3-2022	PAT RM	206 SF	IS	120 SF	2
3-2023	TLT	55 SF	IS	120 SF	1
3-2024	PAT RM	205 SF	IS	120 SF	2
3-2025	TLT	58 SF	IS	120 SF	1
3-2026	PAT RM	206 SF	IS	120 SF	2
3-2027	TLT	55 SF	IS	120 SF	1
3-2028	PAT RM	207 SF	IS	120 SF	2
3-2029	TLT	58 SF	IS	120 SF	1
3-2030	PAT RM	217 SF	IS	120 SF	2
3-2031	TLT	56 SF	IS	120 SF	1
3-2032	DICTATION	131 SF	B	150 SF	1
3-2033	NURSE STATION	285 SF	B	150 SF	2
3-2034	MEDS	103 SF	S	300 SF	1
3-2035	CLEAN / P.O.U.	157 SF	S	300 SF	1
3-2036	COMM	174 SF	S	300 SF	1
3-2037	CLEAN ALC.	90 SF	S	300 SF	1
3-2038	NOURISH	86 SF	S	300 SF	1
3-2039	SOILED HOLD	129 SF	S	300 SF	1
3-2040	ELEC	106 SF	S	300 SF	1
3-2041	MANAGER OFFICE	127 SF	B	150 SF	1
3-2042	EQUIPMENT STORAGE	222 SF	S	300 SF	1
3-2043	CORRIDOR	277 SF	IS	120 SF	3
3-2043A	ALC	22 SF	S	300 SF	1
3-2043B	ALC	32 SF	S	300 SF	1
3-2044	CORRIDOR	965 SF	IS	120 SF	9
3-2044A	NURSE ALC.	12 SF	B	150 SF	1
3-2044B	NURSE ALC.	12 SF	B	150 SF	1
3-2044C	NURSE ALC.	12 SF	B	150 SF	1
3-2044D	ALC	6 SF	S	300 SF	1
3-2045	CORRIDOR	116 SF	IS	120 SF	1
3-2046	CORRIDOR	966 SF	IS	120 SF	9
3-2046A	ALC	7 SF	S	300 SF	1
3-2046B	NURSE ALC.	12 SF	B	150 SF	1
3-2046C	NURSE ALC.	12 SF	B	150 SF	1
3-2046D	NURSE ALC.	12 SF	B	150 SF	1
3-2050	PAT RM	209 SF	IS	120 SF	2
3-2051	TLT	54 SF	IS	120 SF	1
3-2052	PAT RM	205 SF	IS	120 SF	2
3-2053	TLT	51 SF	IS	120 SF	1
3-2054	PAT RM	209 SF	IS	120 SF	2
3-2055	TLT	54 SF	IS	120 SF	1
3-2056	PAT RM	205 SF	IS	120 SF	2
3-2057	TLT	51 SF	IS	120 SF	1
3-2058	PAT RM	209 SF	IS	120 SF	2
3-2059	TLT	54 SF	IS	120 SF	1
3-2060	ISO PAT RM	205 SF	IS	120 SF	2
3-2061	TLT	51 SF	IS	120 SF	1
3-2062	SHARED OFFICE	171 SF	B	150 SF	2
3-2063	PAT RM	203 SF	IS	120 SF	2
3-2064	TLT	55 SF	IS	120 SF	1
3-2065	PAT RM	209 SF	IS	120 SF	2
3-2066	TLT	58 SF	IS	220 SF	1
3-2067	PAT RM	205 SF	IS	120 SF	2
3-2068	TLT	55 SF	IS	120 SF	1
3-2069	PAT RM	209 SF	IS	120 SF	2
3-2070	TLT	58 SF	IS	120 SF	1
3-2071	ADA PAT RM	205 SF	IS	120 SF	2
3-2072	TLT ADA	59 SF	IS	120 SF	1
3-2073	ADA PAT RM	208 SF	IS	120 SF	2
3-2074	TLT ADA	55 SF	IS	120 SF	1
3-2075	DICTATION	109 SF	B	150 SF	1
3-2076	NURSE STATION	343 SF	B	150 SF	3
3-2077	MEDS	107 SF	S	150 SF	1
3-2078	CLEAN / P.O.U.	179 SF	S	300 SF	1
3-2079	NOURISH	84 SF	S	150 SF	1
3-2080	CLEAN ALC.	77 SF	S	300 SF	1
3-2081	SOILED HOLD	137 SF	S	300 SF	1
3-2082	ELEC	102 SF	S	300 SF	1
3-2083	EQUIPMENT STORAGE	163 SF	S	300 SF	1
3-2084	CORRIDOR	101 SF	IS	120 SF	1
3-2084A	ALC	13 SF	S	300 SF	1
3-2085	CORRIDOR	977 SF	IS	120 SF	9
3-2085A	EVS	62 SF	S	300 SF	1
3-2085B	ALC	51 SF	S	300 SF	1
3-2085C	NURSE ALC.	12 SF	B	150 SF	1
3-2085D	NURSE ALC.	12 SF	B	150 SF	1
3-2086	CORRIDOR	118 SF	IS	120 SF	1
3-2086A	EQ ALC	42 SF	S	300 SF	1
3-2086C	NURSE ALC.	12 SF	B	150 SF	1
3-2086D	NURSE ALC.	12 SF	B	150 SF	1
3-2086E	ALC	6 SF	S	300 SF	1
3-2086E	NURSE ALC.	12 SF	B	150 SF	1
3-2087	CORRIDOR	888 SF	IS	120 SF	8
3-2091	MECH	1,511 SF	S	300 SF	6
3-ST3	STAIR #3	184 SF	IS	120 SF	2
3-ST4	STAIR #4	223 SF	IS	120 SF	2
					180

AREA OF REFUGE SUMMARY - LEVEL 3

SMOKE COMP (SC)	AREA (SF)	REQUIRED AREA (SF)	PROVIDED AREA IN ADJACENT SC
(E) SC3.1	11,394	14 PATIENTS X 30 SF= 420 SF 83 OCCUPANTS X 6 SF = 498 SF **TOTAL = 918 SF**	2,390 (SC3.2) 5,623 SF (SC3.3) 4,567 (SC3.4)
(E) SC3.2	10,772	44 OCCUPANTS X 6 SF = 264 SF **TOTAL = 264 SF**	6,693 (SC3.1) 4,567 (SC3.4)
SC3.3	9,222	16 PATIENTS X 30 SF= 480 SF 78 OCCUPANTS X 6 SF = 468 SF **TOTAL = 948 SF**	6,693 (SC3.1)
SC3.4	9,347	12 PATIENTS X 30 SF= 360 SF 73 OCCUPANTS X 6 SF = 438 SF **TOTAL = 798 SF**	6,693 (SC3.1) 2,390 (SC3.2)

LIFE SAFETY LEGEND

- EXIT
- EXIT ACCESS DOORWAY
- SMOKE COMPARTMENT EXIT
- TRAVEL DISTANCE
- FEC - 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)

LEVEL 3 ADDITION OCCUPANT LOAD = 180 OCCUPANTS *(ROUNDED UP FROM 179)*
180 OCCUPANTS / 2 EXITS = 90 OCCUPANTS PER EXIT

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

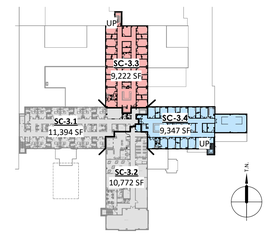
DOOR #	EXIT DESCRIPTION	OCC. LOAD	WIDTH REQUIRED	WIDTH PROVIDED
LEVEL 3 - TOPPING				
3-ST3	STAIR	90	41 1/2"	46"
3-ST4	STAIR	90	41 1/2"	46"

EXIT ACCESSS TRAVEL DISTANCE - LEVEL 3

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

PATH NAME	DISTANCE
L3-01	169'-7"
L3-02	148'-11"
SC-3.3	140'-8"
SC-3.4	183'-7"

SMOKE COMPARTMENT PLAN



Devenney GROUP

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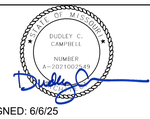
Consultant:



DATE SIGNED: 6/6/25

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MED SURG & DIETARY EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
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DATE: 2024/12/05
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LIFE SAFETY FLOOR PLAN – LEVEL 3

AC103

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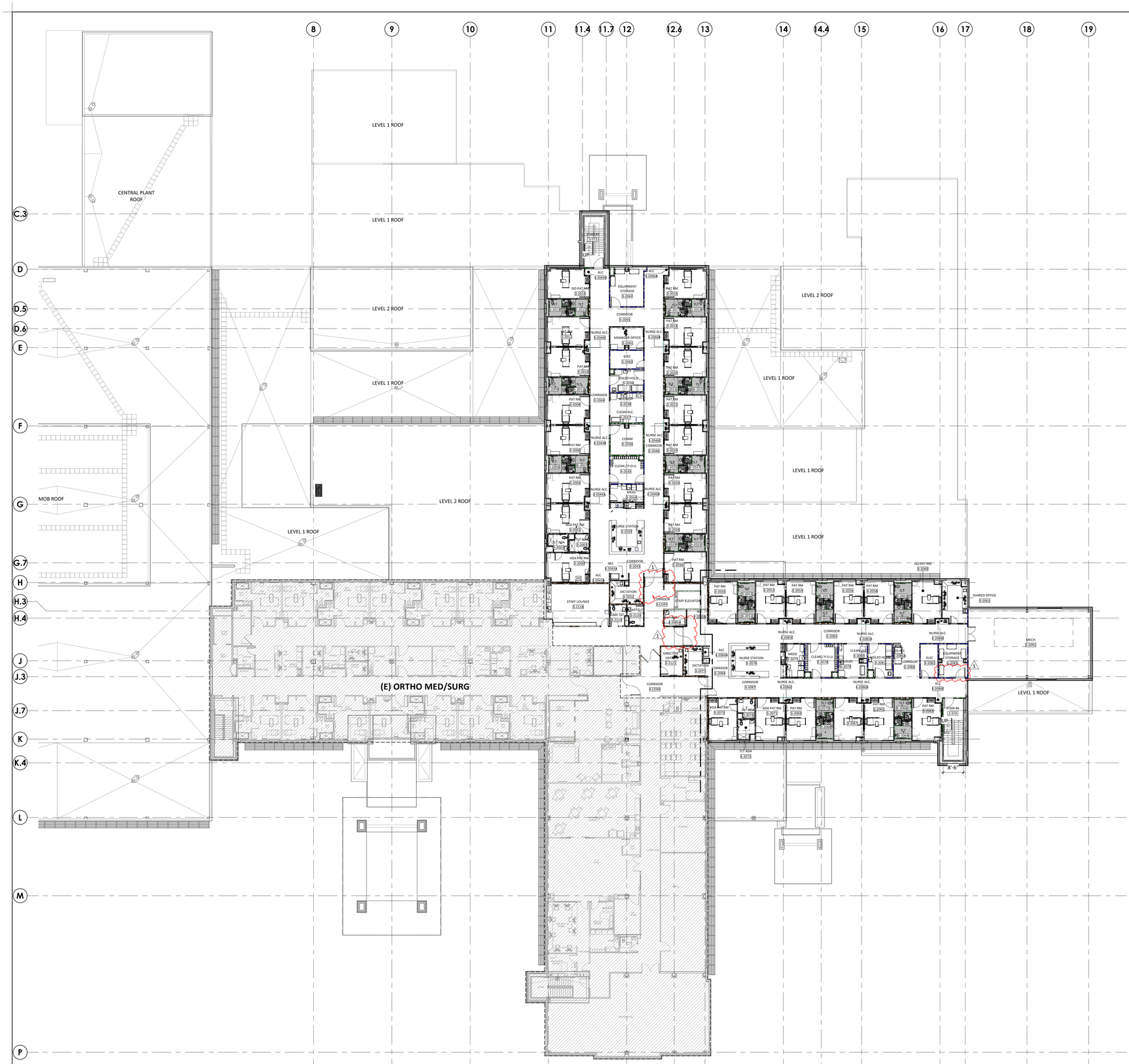

1 OVERALL SCOPE FLOOR PLAN - LEVEL 3
1/16" = 1'-0"

OVERALL PLANS GENERAL NOTES

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

PARTITION LEGEND

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

KEYNOTE LEGEND

KEY	NOTE

Devenney GROUP

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Scottsdale, AZ 85251

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021007349

DATE SIGNED: 6/6/25

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OVERALL SCOPE FLOOR PLAN - LEVEL 3

AE103

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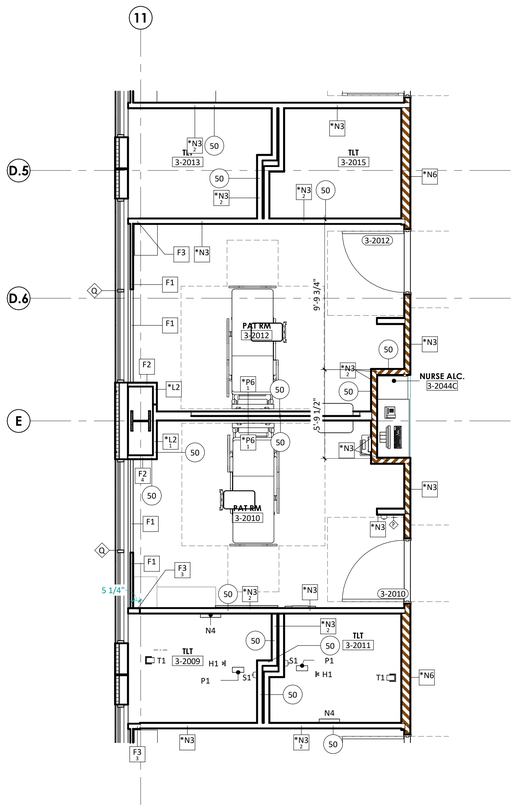
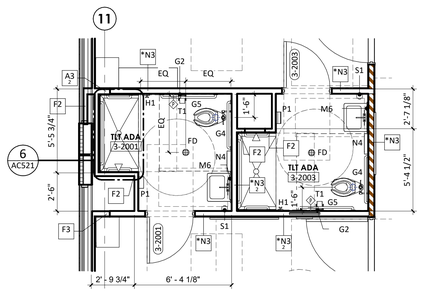


2 ENLARGED DIMENSION PLAN - TYP MEDSURG PAT RM

1/4" = 1'-0"



3 ENLARGED DIMENSION PLAN - TYP ADA TOILET/SHOWER (FIELD-BUILT)

1/4" = 1'-0"

1 DIMENSION PLAN - LEVEL 3 - SECTOR A

1/8" = 1'-0"

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.
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3. ALL INFORMATION GRAYED-OUT INDICATES EXISTING OR SCOPE PROVIDED BY OTHERS.
4. WHERE NEW PARTITIONS ABUT EXISTING PARTITIONS, BUILD NEW PARTITION TIGHT TO FACE OF EXISTING PARTITION U.N.O.

PARTITION LEGEND

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

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 THROUGH FULL HEIGHT STC PARTITIONS SHOULD BE CENTERED IN OPENING AND SEALED AIRTIGHT.
4. CALBE TRAY PENTRATIONS IN STC PARTITIONS SHOULD BE PACKED TIGHTLY WITH HEAVY DENSITY PUTTY.

STC PARTITION RATINGS (##)

DESIGN CRITERIA FOR MIN. SOUND ISOLATION PERFORMANCE BETWEEN ENCLOSED ROOMS

ADJACENCY COMBINATION		STC
PATIENT ROOM	PATIENT ROOM (WALL-SAME FLOOR)	45
PATIENT ROOM	PATIENT ROOM (FLOOR TO FLOOR)	50
PATIENT ROOM	CORRIDOR (WITH ENTRANCE)	35[1]
PATIENT ROOM	PUBLIC SPACE	50
PATIENT ROOM	SERVICE AREA	60
EXAM ROOM	CORRIDOR (WITH ENTRANCE)	35[1]
EXAM ROOM	PUBLIC SPACE	50
TREATMENT	ROOM	50
TREATMENT	CORRIDOR	35
TOILET ROOM	PUBLIC SPACE	45
CONSULT ROOM	PUBLIC SPACE	50
CONSULT ROOM	PATIENT ROOM	50
CONSULT ROOM	CORRIDOR (WITH ENTRANCE)	35[1]
PATIENT ROOM	MRI ROOM	60
EXAM ROOM	MRI ROOM	60
EXAM ROOM	EXAM RM (NO ELECTRICAL MASKING)	50
EXAM ROOM	EXAM RM (W/ ELECTRICAL MASKING)	40
PUBLIC SPACE	MRI ROOM	50

NOTES:

THE STC RATINGS LISTED WITHIN THE TABLE ARE CONSIDERED THE MINIMUM COMPOSITE SOUND ISOLATION PERFORMANCE VALUE REQUIRED FOR THE ENTIRE DEMISING CONSTRUCTION (FLOOR/ CEILING AND WALL PARTITIONS)

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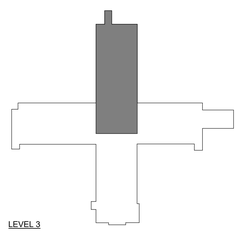
SEE FGI GUIDLINES (2014) FOR MORE INFORMATION

1. THE STC RATING LISTED IS THE MINIMUM COMPOSITE SOUND ISOLATION PERFORMANCE VALUE REQUIRED FOR THE ENTIRE WALL ASSEMBLY, WHICH INCLUDES THE WALL PARTITION, AND ANY/ ALL OPENINGS (IE, DOOR,WINDOW, DUCT PENETRATION, ETC.)REFER TO SPECIFICATIONS FOR GYP BD REQUIREMENTS AT STC >40 CONDITIONS
2. NOT ALL SPACES NOTED ABOVE ARE APPLICABLE TO PROJECT.

KEYNOTE LEGEND

KEY	NOTE
S2	INFILL PARTITION WHERE EXISTING DOOR WAS REMOVED. MATCH EXISTING PARTITION CONSTRUCTION.
S7	EXISTING DOOR AND FRAME TO REMAIN. ADD NEW MAG HOLD OPEN HARDWARE.

KEY PLAN



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DIMENSION FLOOR PLAN - LEVEL 3 - SECTOR A - MEDSURG

AE123A

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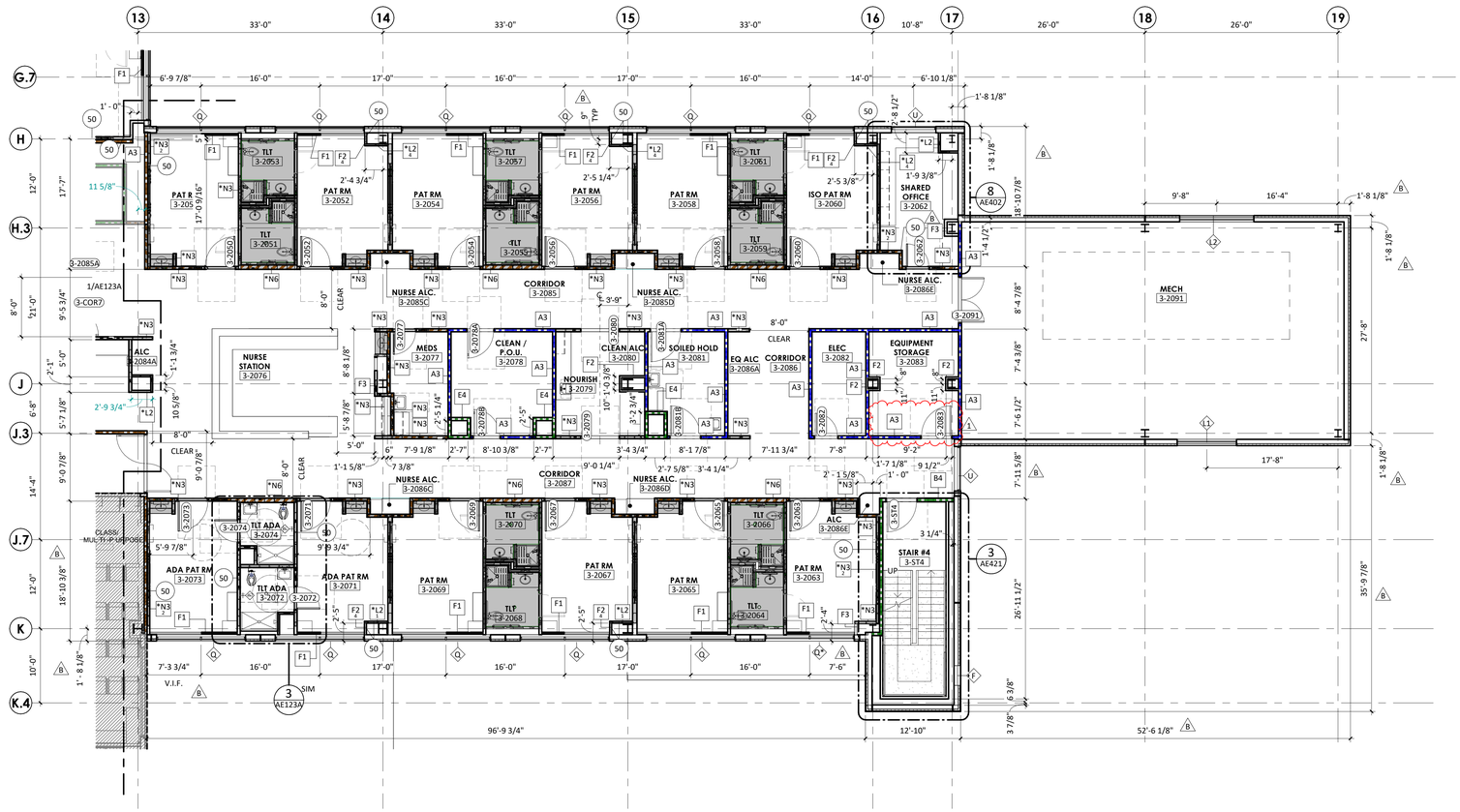

1 DIMENSION PLAN - LEVEL 3 - SECTOR B
1/8" = 1'-0"

DIMENSION PLANS GENERAL NOTES

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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
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STC PARTITION RATINGS (##)

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PATIENT ROOM	PATIENT ROOM (FLOOR TO FLOOR)	50
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PATIENT ROOM	SERVICE AREA	60
EXAM ROOM	CORRIDOR (WITH ENTRANCE)	35[1]
EXAM ROOM	PUBLIC SPACE	50
TREATMENT	ROOM	50
TREATMENT	CORRIDOR	35
TOILET ROOM	PUBLIC SPACE	45
CONSULT ROOM	PUBLIC SPACE	50
CONSULT ROOM	PATIENT ROOM	50
CONSULT ROOM	CORRIDOR (WITH ENTRANCE)	35[1]
PATIENT ROOM	MRI ROOM	60
EXAM ROOM	MRI ROOM	60
EXAM ROOM	EXAM RM (NO ELECTRICAL MASKING)	50
EXAM ROOM	EXAM RM (W/ ELECTRICAL MASKING)	40
PUBLIC SPACE	MRI ROOM	50

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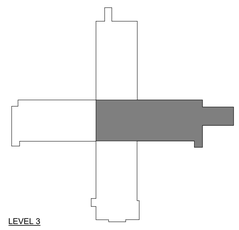
KEY PLAN



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DIMENSION FLOOR PLAN - LEVEL 3 - SECTOR B - MEDSURG

AE123B

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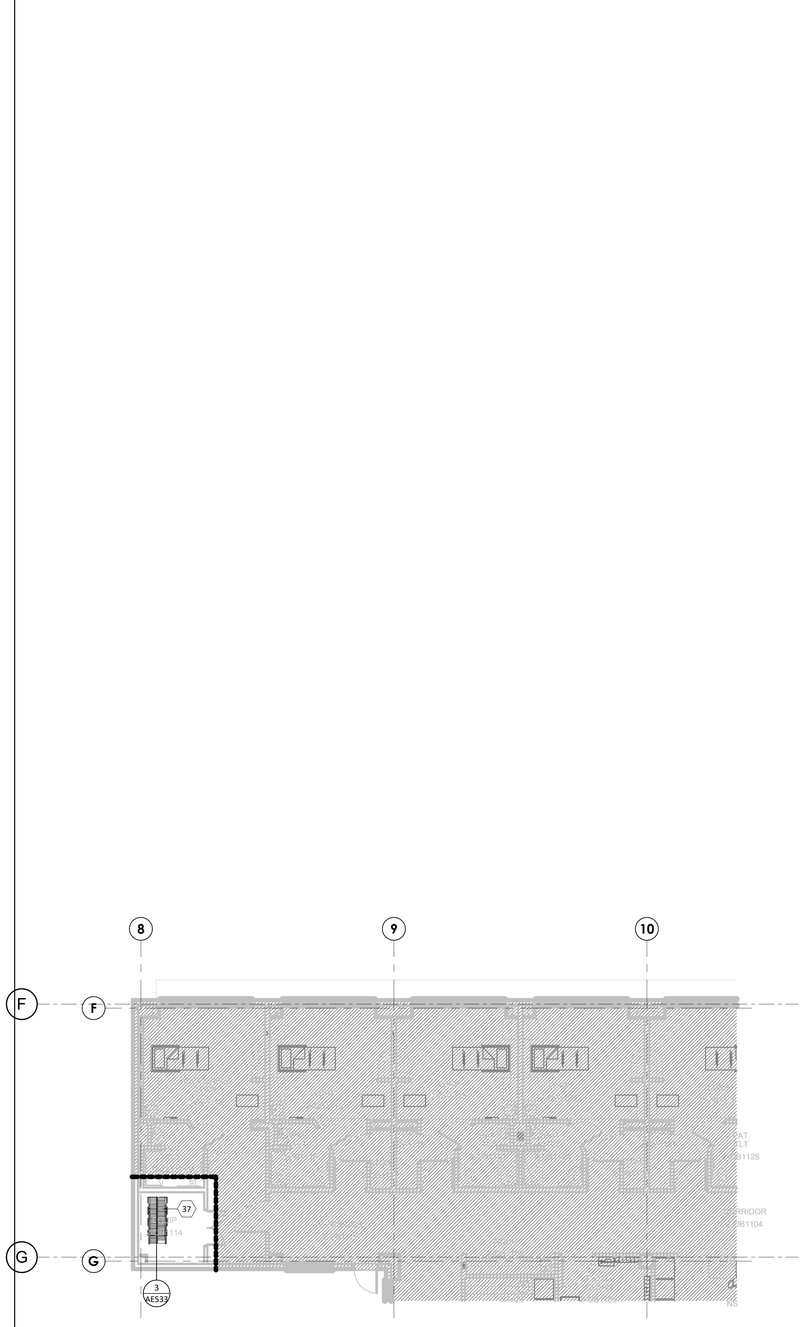

1 ANNOTATION PLAN - LEVEL 2 - EXISTING MED/SURG ROOF ACCESS
1/8" = 1'-0"

2 ANNOTATION PLAN - LEVEL 3 - SECTOR A - MED/SURG (16-BED UNIT)
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.
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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.

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)

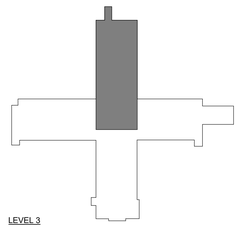
KEYNOTE LEGEND

KEY	NOTE
37	ALUMINUM ALTERNATING TREAD STAIR FOR ROOF ACCESS.
44	MED GAS ZONE VALVE BOX
45	MED GAS AREA ALARM PANEL
52	INFILL PARTITION WHERE EXISTING DOOR WAS REMOVED. MATCH EXISTING PARTITION CONSTRUCTION.

OFCI EQUIPMENT SCHEDULE

HCA EQUIP NO	ABBREV	DESCRIPTION	FURNISHED BY	INSTALLED BY
100912	CACTUS SINK	CACTUS SINK	OF	CI
101351	REF	UNDERCOUNDER REFRIGERATOR - MEDS	OF	CI
101475	REF	REFIGERATOR -SIDE BY SIDE	OF	CI
101534	MICRO	MICROWAVE OVEN COUNTERTOP	OF	CI
101610	POWER ADAPTER	CACTUS SINK - POWER ADAPTER	OF	CI
101869	REF	REFIGERATOR W/ FREEZER	OF	CI
714443	ICE	ICE & WATER MAKER	OF	CI
714519	FILTER	WATER FILTER SYSTEM	OF	CI
715943	STAND	ICE/WATER DISPENSER STAND	OF	CI
727039	CAB	WARMING CABINET	OF	CI
727553	COFF	COFFEE MACHINE	OF	CI

KEY PLAN



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ANNOTATION FLOOR PLAN - LEVELS 2 & 3 - SECTOR A - MEDSURG

AE133A

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1 ANNOTATION PLAN - LEVEL 3 - SECTOR B - MED/SURG (12-BED UNIT)
1/8" = 1'-0"

ANNOTATION PLAN GENERAL NOTES

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2. DIMENSIONS MEASURE FROM THE EXPOSED SURFACE OF EXISTING WALLS, PARTITIONS, COLUMNS, ETC.; NEW PARTITIONS ARE DIMENSIONED TO THE FACE OF THE FRAMING; MEASURE AND VERIFY DIMENSIONS IN FIELD.
3. ALL INFORMATION GRAYED-OUT INDICATES EXISTING.
4. SOLID GRAY INFORMATION INDICATES PRE-FABRICATED COMPONENTS BY OWNER VENDOR. REFER TO VENDOR DRAWINGS FOR ADDITIONAL INFORMATION.

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)

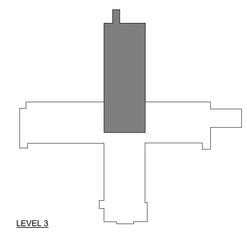
KEYNOTE LEGEND

KEY	NOTE
44	MED GAS ZONE VALVE BOX
45	MED GAS AREA ALARM PANEL
46	HOUSEKEEPING PAD. COORDINATE FINAL SIZE WITH MECHANICAL. REFER TO MECHANICAL AND STRUCTURAL DRAWINGS.

OFCI EQUIPMENT SCHEDULE

HCA EQUIP NO	ABBREV	DESCRIPTION	FURNISHED BY	INSTALLED BY
100912	CACTUS SINK	CACTUS SINK	OF	CI
101351	REF	UNDERCOUNDER REFRIGERATOR - MEDS	OF	CI
101475	REF	REFIGERATOR -SIDE BY SIDE	OF	CI
101534	MICRO	MICROWAVE OVEN COUNTERTOP	OF	CI
101610	POWER ADAPTER	CACTUS SINK - POWER ADAPTER	OF	CI
101869	REF	REFIGERATOR W/ FREEZER	OF	CI
714443	ICE	ICE & WATER MAKER	OF	CI
714519	FILTER	WATER FILTER SYSTEM	OF	CI
715943	STAND	ICE/WATER DISPENSER STAND	OF	CI
727039	CAB	WARMING CABINET	OF	CI
727553	COFF	COFFEE MACHINE	OF	CI

KEY PLAN



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STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021007049
DATE SIGNED: 6/6/25

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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:
0972400009

AGENCY APPROVALS:
AGENCY

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1	DESIGN COORDINATION	2025/06/06

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REVIEWED:	
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ANNOTATION FLOOR PLAN - LEVEL 3 - SECTOR B - MEDSURG

AE133B

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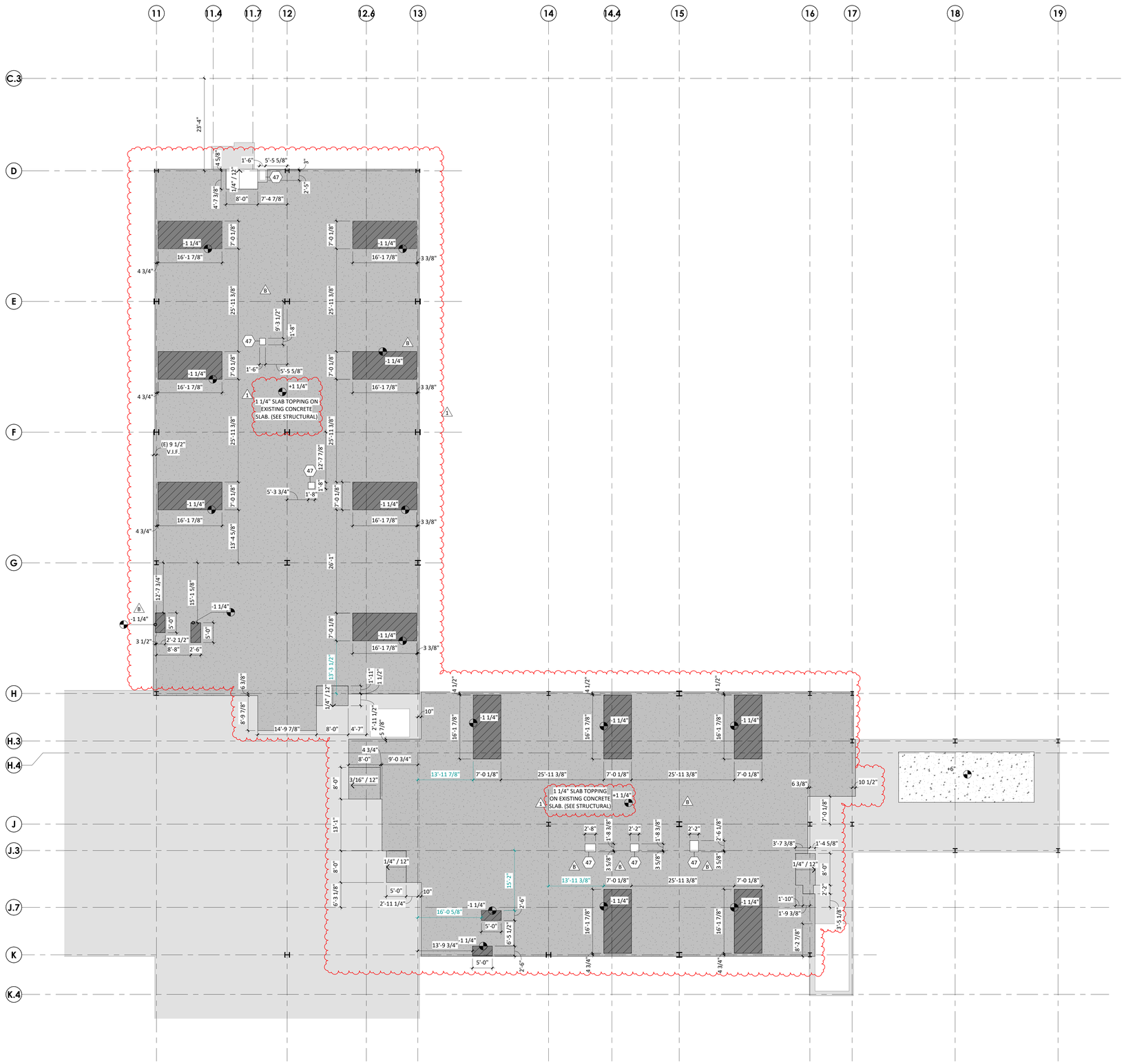

1 EDGE-OF-SLAB PLAN - OVERALL - LEVEL 3
3/32" = 1'-0"

EDGE OF SLAB GENERAL NOTES

1. REFER TO STRUCTURAL 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 DRAWINGS.
- SLAB DEPRESSION. NEW FLOOR SLAB. REFER TO STRUCTURAL DRAWINGS.
- NEW FLOOR SLAB. REFER TO STRUCTURAL DRAWINGS.

KEYNOTE LEGEND

KEY	NOTE
47	CUT OPENING FOR NEW MECHANICAL DUCT CHASE. COORDINATE FINAL FLOOR OPENING DIMENSIONS WITH MECHANICAL.

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DUDLEY C. CAMPBELL
NUMBER
A-202100/2649
REGISTERED ARCHITECT

DATE SIGNED: 6/6/25

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OVERALL EDGE-OF-SLAB - LEVEL 3

AE143

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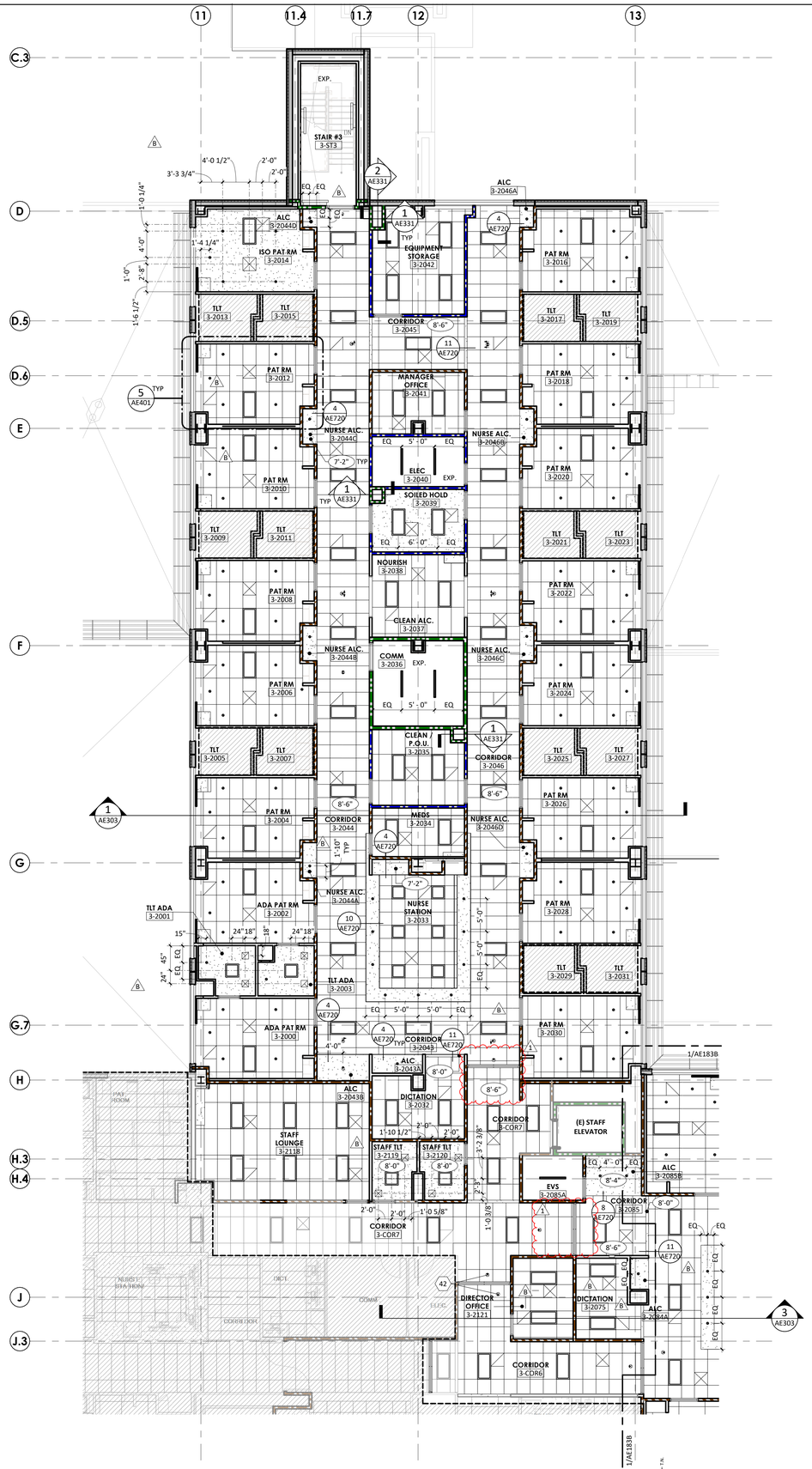


1 REFLECTED CEILING PLAN - LEVEL 3 - SECTOR A - MEDSURG
1/8" = 1'-0"

REFLECTED CEILING GENERAL NOTES

1. CEILING HEIGHTS 9'-0" AFF UNLESS NOTED OTHERWISE. ALL SOFFIT HEIGHTS 8'-0" AFF UNLESS NOTED OTHERWISE. ALL SOFFIT HEIGHTS ABOVE CABINETS ARE 7'-2" U.N.O.
2. CENTER CEILING SYSTEMS IN ROOMS UNLESS NOTED OTHERWISE.
3. CENTER SPRINKLER HEADS, SPEAKERS, RECESSED LIGHTS, AND SMOKE OR THERMAL DETECTORS IN CEILING TILE/SOFFIT/ROOM 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 LIGHT
		RECESSED DOWNLIGHT
		EMERGENCY EXIT SIGN
		UNDER CABINET LIGHT
		LINEAR WALL LIGHT
		ACCESS PANEL (DIMENSIONED ON PLAN)
		SUPPLY DIFFUSER
		RETURN AIR GRILLE
		EXHAUST GRILLE
		CURTAIN TRACK

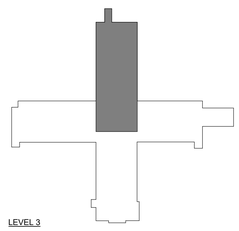
PARTITION LEGEND

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

KEYNOTE LEGEND

KEY	NOTE
42	INSTALL SALVAGED EXIT SIGN.

KEY PLAN



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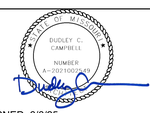

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LEE'S SUMMIT, MO 64063

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MISSOURI DHSS

FACILITY NUMBER:
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AGENCY

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REFLECTED CEILING PLAN - LEVEL 3 - SECTOR A - MEDSURG

AE183A

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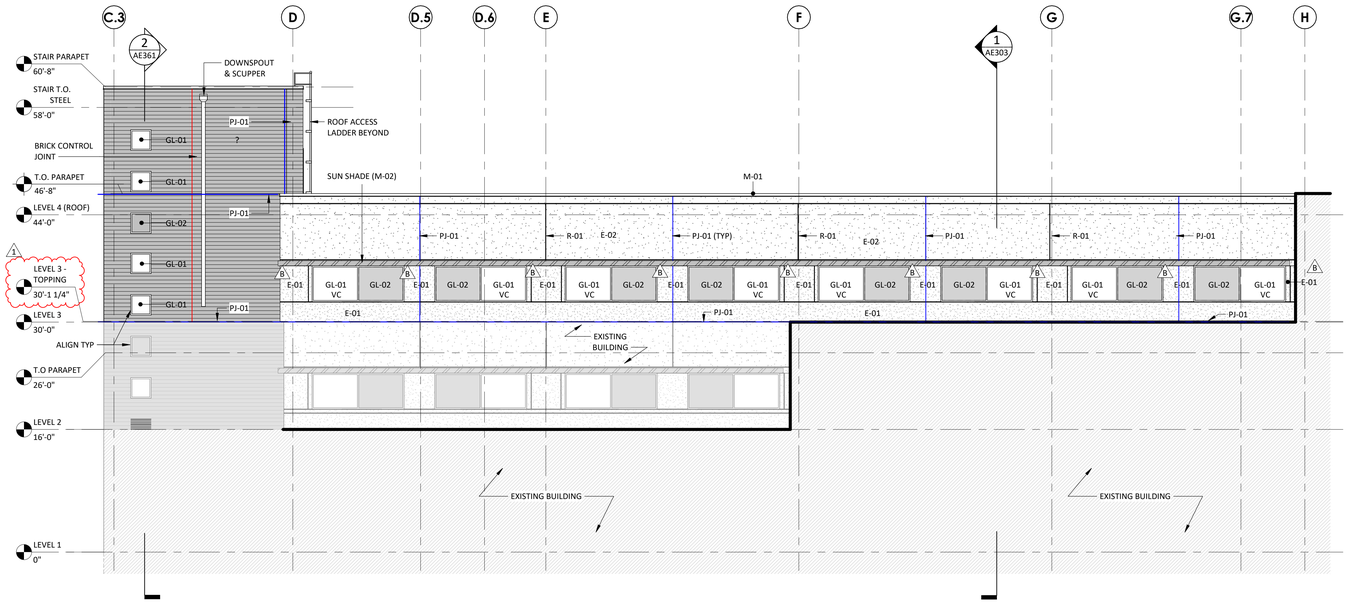
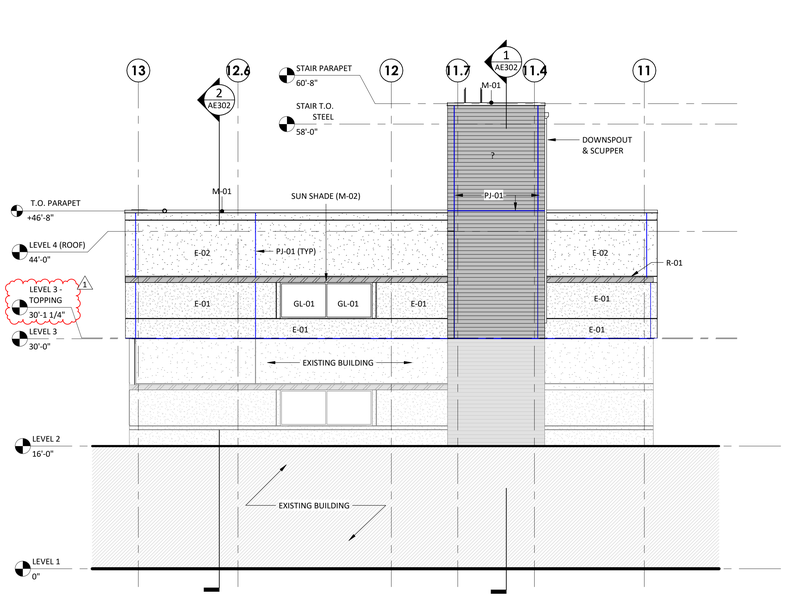
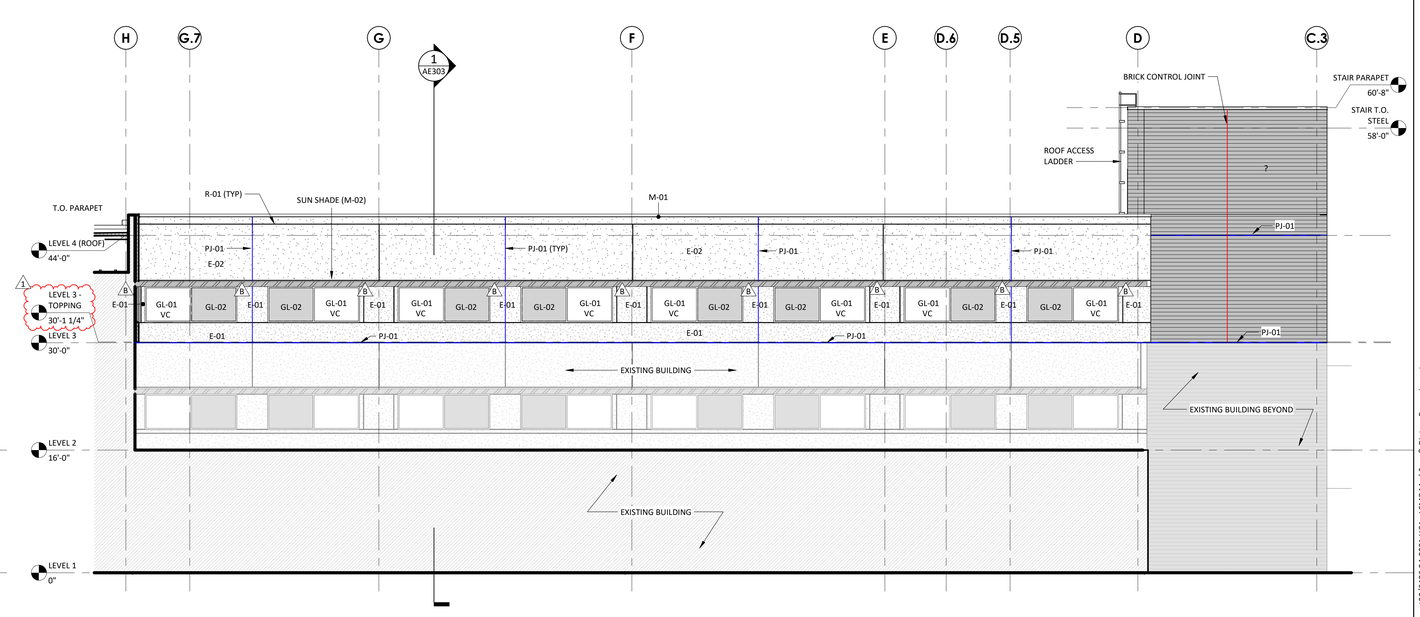


1 WEST ELEVATION - MED SURG (16-BED UNIT)
1/8" = 1'-0"



2 NORTH ELEVATION - MED SURG (16-BED UNIT)
1/8" = 1'-0"



3 EAST ELEVATION - MED SURG (16-BED UNIT)
1/8" = 1'-0"

MATERIAL LEGEND

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

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

E-01
PRODUCT: EXTERIOR INSULATION FINISH SYSTEM COLOR 1
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

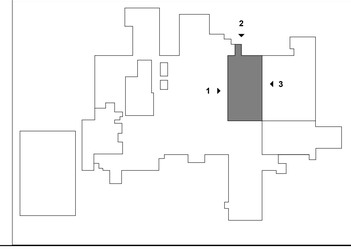
M-02
PRODUCT: METAL CANOPY
MFR: TBD
FINISH: MATCH EXISTING

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

PJ-01
PRODUCT: PRE-FAB EIFS PANEL JOINT
MFR: TBD
FINISH: MATCH EXISTING

VC
PRODUCT: VISION CONTROL UNIT
MFR: WINDOW ACCESSORY COMPANY INC (MATCH EXISTING PRODUCT)
FINISH: MATCH EXISTING

KEYPLAN



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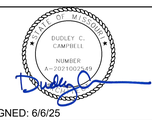

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EXTERIOR BUILDING ELEVATIONS - MED/SURG

AE202

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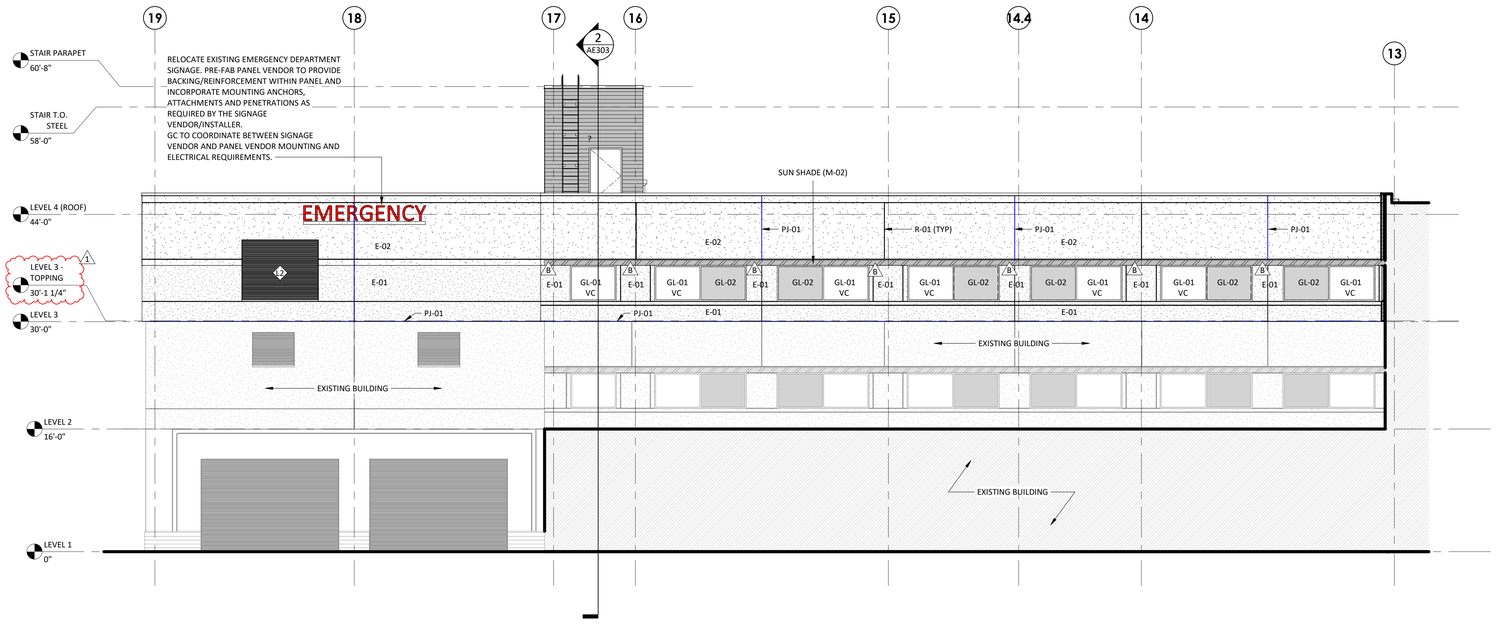

1 NORTH ELEVATION - MED SURG (12-BED UNIT)
1/8" = 1'-0"

2 EAST ELEVATION - MED SURG (12-BED UNIT)
1/8" = 1'-0"

3 SOUTH ELEVATION - MED SURG (12-BED UNIT)
1/8" = 1'-0"

MATERIAL LEGEND

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PRODUCT: VISION INSULATED GLAZING UNIT
MFR: TBD
FINISH: MATCH EXISTING

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PRODUCT: SPANDREL INSULATED GLAZING UNIT
MFR: TBD
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FINISH: MATCH EXISTING

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PRODUCT: THIN BRICK VENEER
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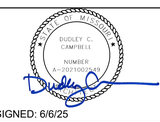

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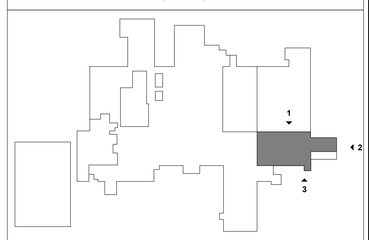
KEYPLAN



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EXTERIOR BUILDING ELEVATIONS - MED/SURG

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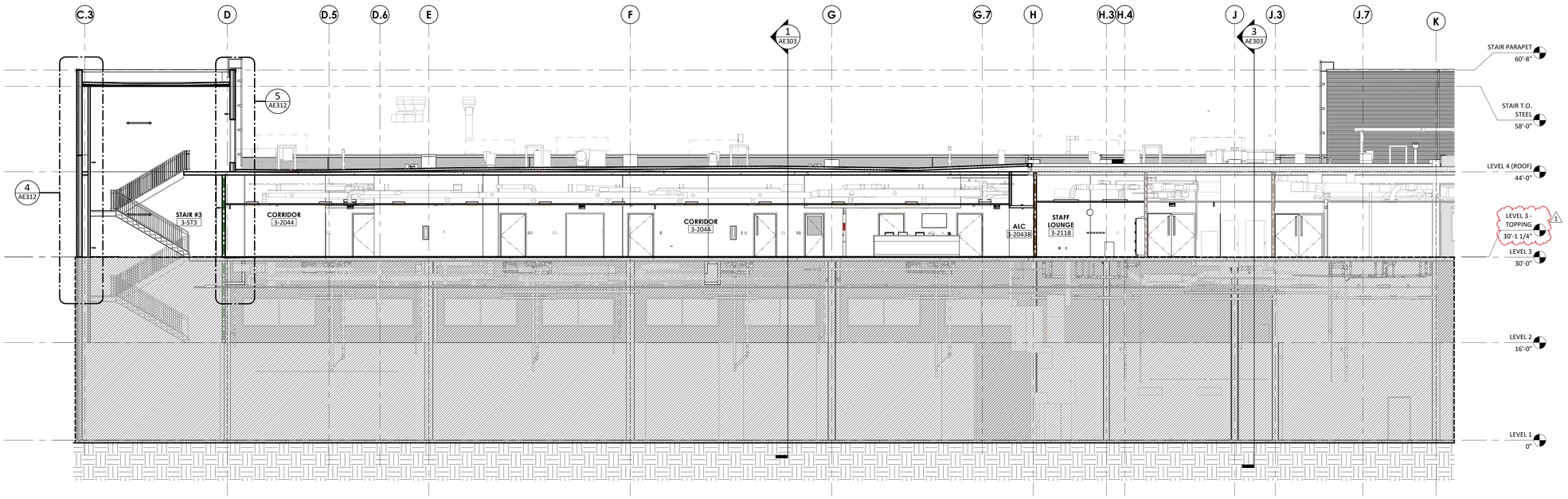
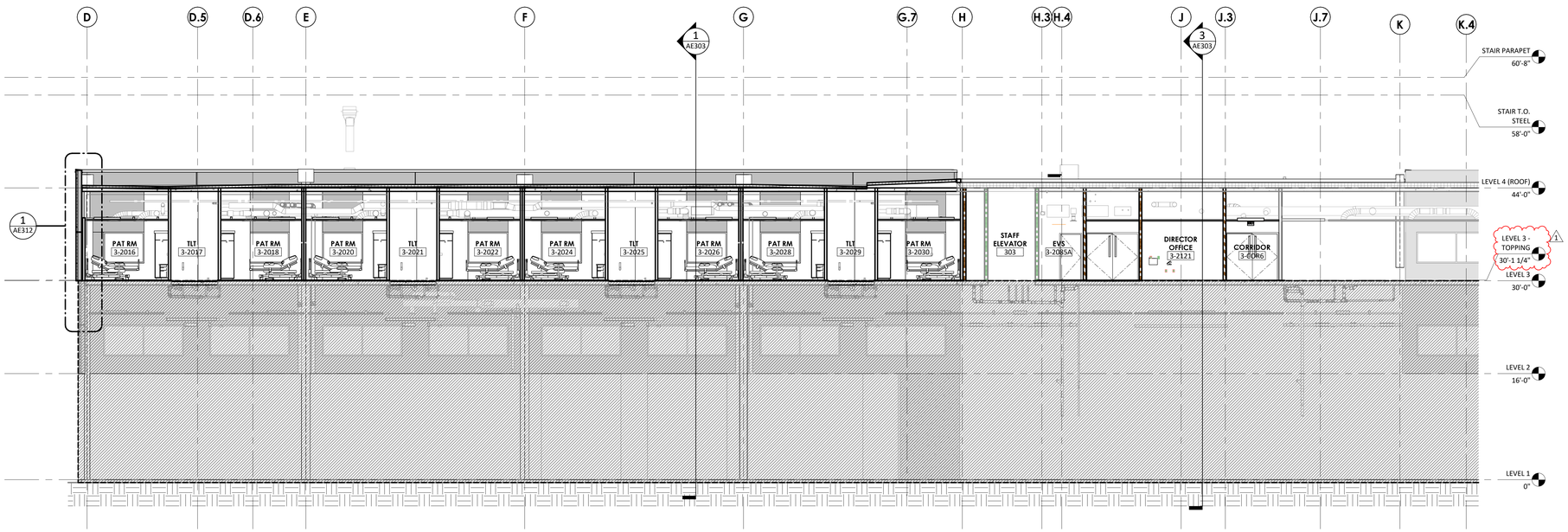


1 MEDSURG BUILDING SECTION - NORTH - SECTION 1
1/8" = 1'-0"



2 MEDSURG BUILDING SECTION - NORTH - SECTION 3
1/8" = 1'-0"

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NUMBER A-2021000249

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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
1	DESIGN COORDINATION	2025/06/06

DATE:	2024/12/05
SCALE:	1/8" = 1'-0"
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

BUILDING SECTIONS - MED/SURG

AE302

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt
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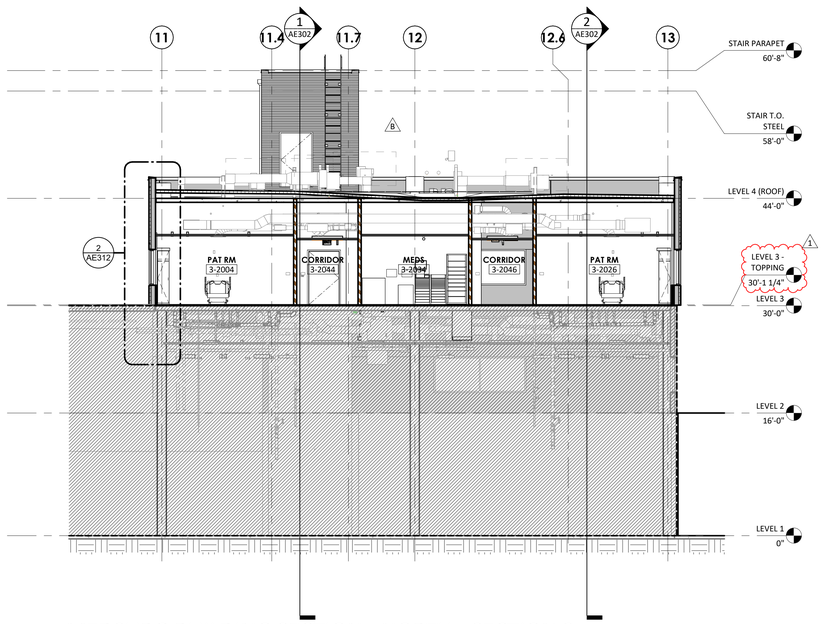

1 MEDSURG BUILDING SECTION - NORTH - SECTION 2

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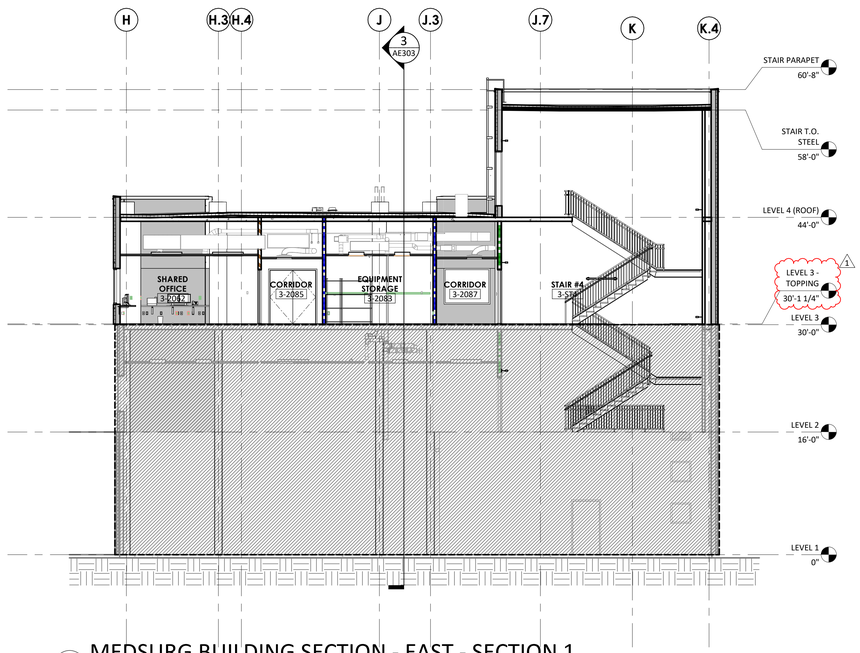
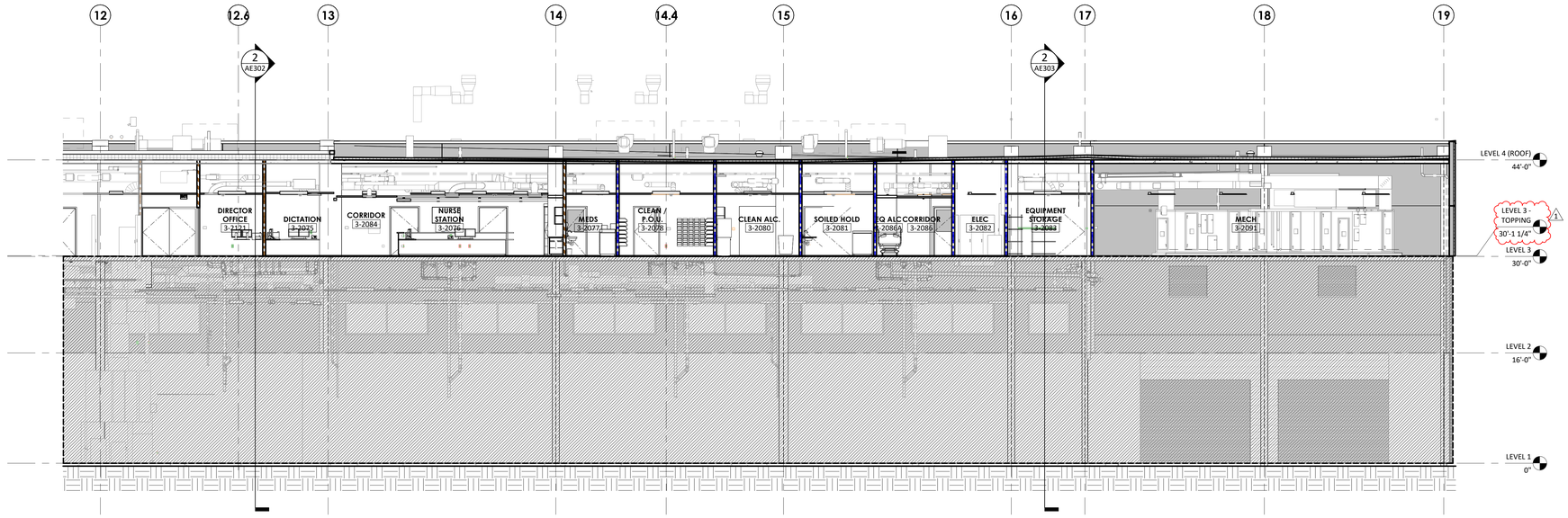


2 MEDSURG BUILDING SECTION - EAST - SECTION 1

1/8" = 1'-0"



3 MEDSURG BUILDING SECTION - EAST - SECTION 2

1/8" = 1'-0"

Devenney Group Ltd., Architects

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Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021000349
REGISTERED ARCHITECT

DATE SIGNED: 6/6/25

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MED SURG & DIETARY EXPANSION

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

AUTHORITY HAVING JURISDICTION:
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BUILDING SECTIONS - MED/SURG

AE303

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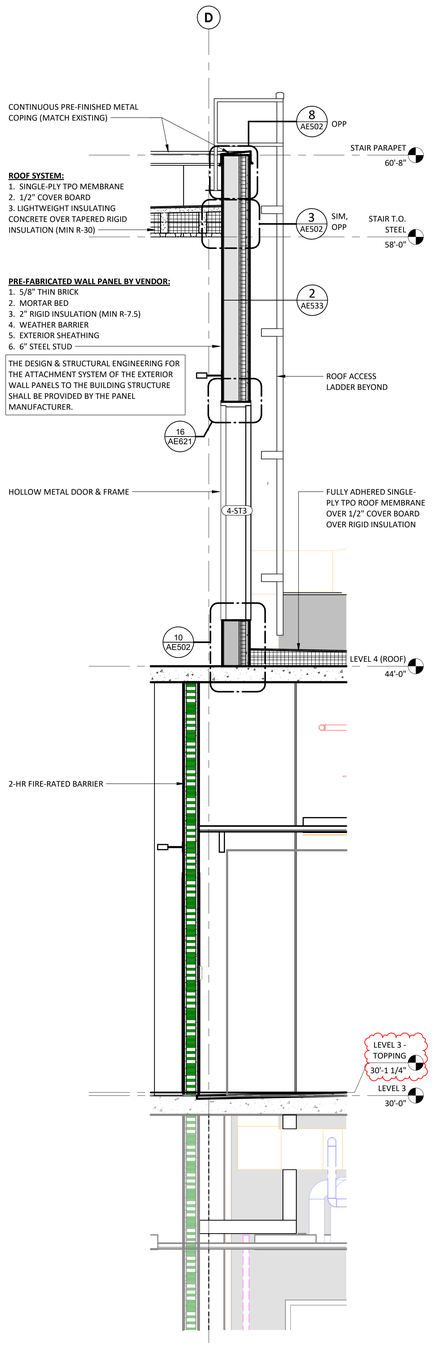
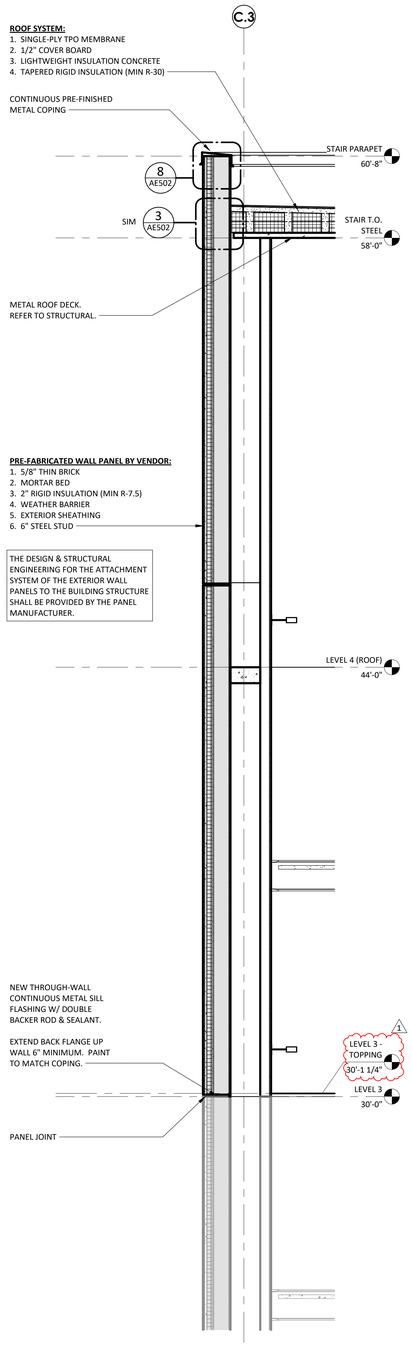


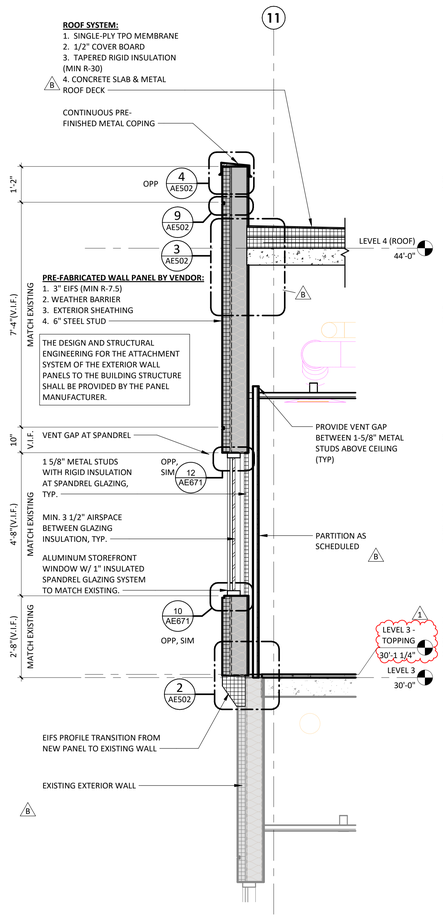
5 WALL SECTION AT STAIR 3 AT ROOF

1/2" = 1'-0"



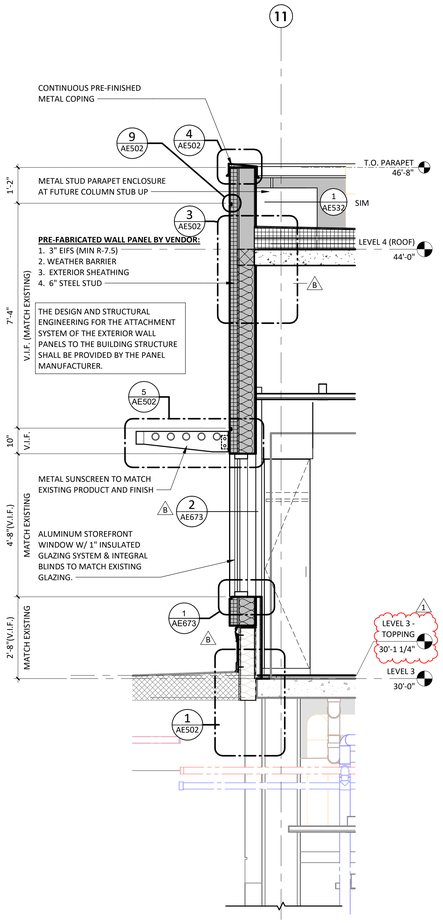
4 WALL SECTION AT STAIR W/ THIN BRICK

1/2" = 1'-0"



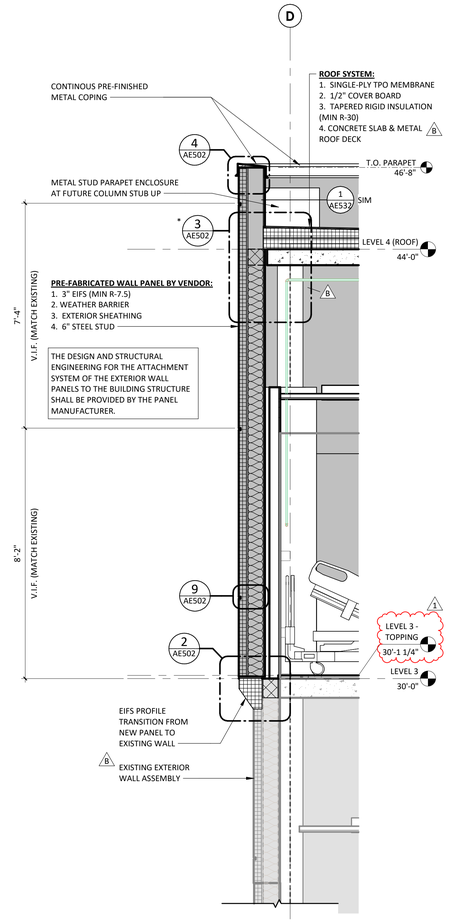
3 WALL SECTION AT SPANDREL WINDOW

1/2" = 1'-0"



2 WALL SECTION AT EIFS & WINDOW

1/2" = 1'-0"



1 WALL SECTION AT EIFS

1/2" = 1'-0"

Devenney GROUP

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T: 602.943.8950

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Consultant:

DATE SIGNED: 6/6/25

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MED SURG & DIETARY EXPANSION

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EXTERIOR WALL SECTIONS - MED/SURG

AE312

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24 0001 HCA - LSMC Med Surg & Dietary Expansion.rvt
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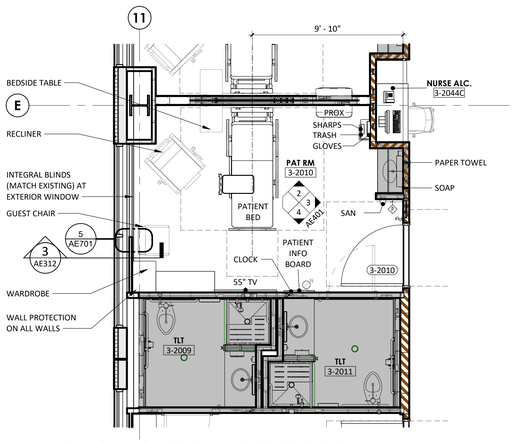
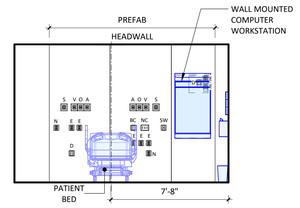
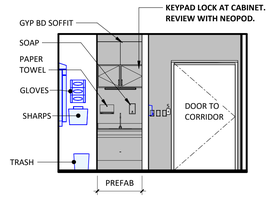


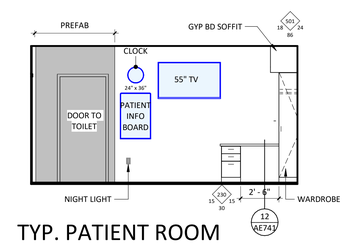
1 MED SURG - TYP PATIENT ROOM
1/4" = 1'-0"



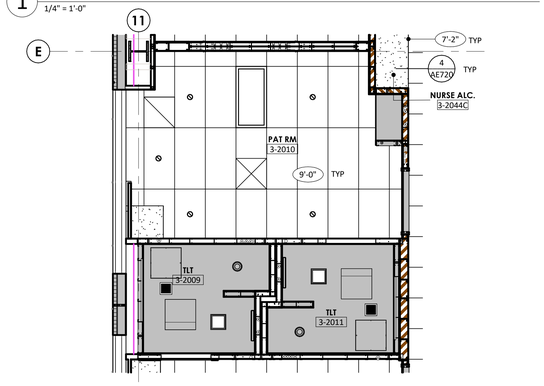
2 TYP. PATIENT ROOM HEADWALL - A
1/4" = 1'-0"



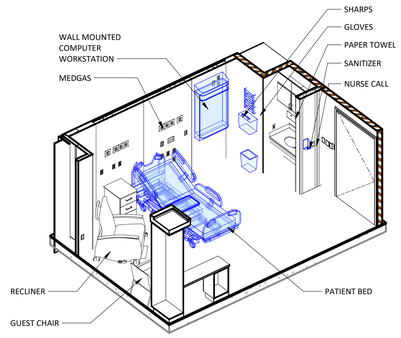
3 TYP. PATIENT ROOM - B
1/4" = 1'-0"



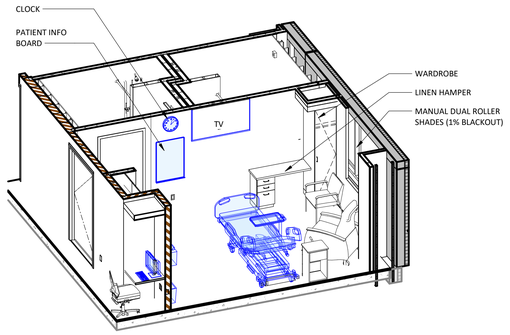
4 TYP. PATIENT ROOM FOOTWALL - C
1/4" = 1'-0"



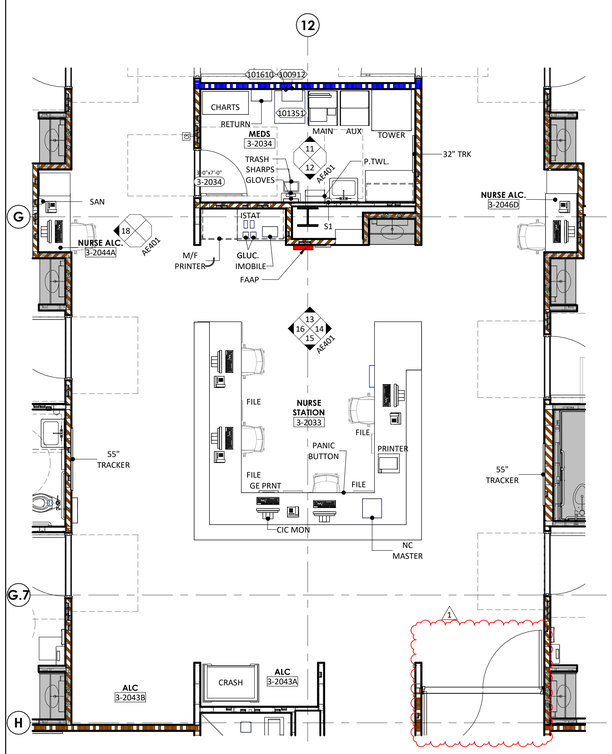
5 MED SURG - TYP PATIENT ROOM RCP
1/4" = 1'-0"



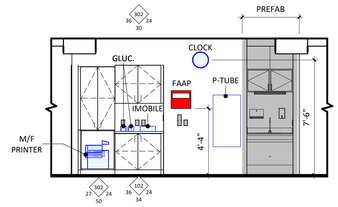
6 AXO - PATIENT ROOM - HEADWALL



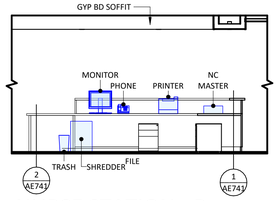
7 AXO - PATIENT ROOM - FOOTWALL



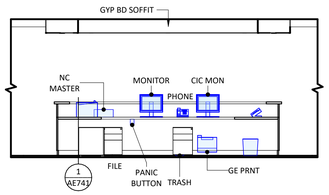
10 MED SURG - TYP NURSE STATION & MEDS
1/4" = 1'-0"



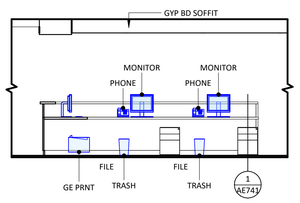
13 NURSE STATION - A
1/4" = 1'-0"



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



15 NURSE STATION - C
1/4" = 1'-0"



16 NURSE STATION - D
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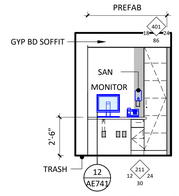
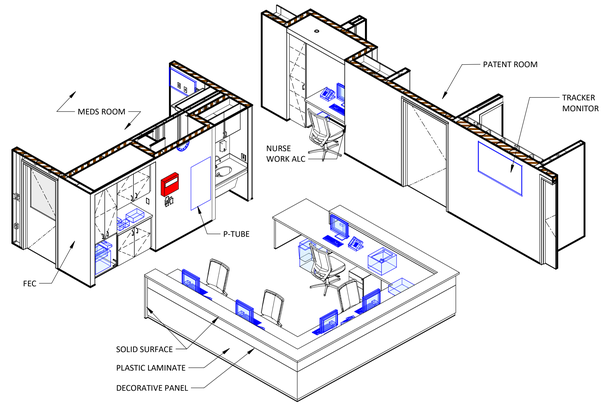
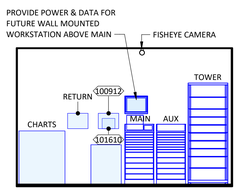


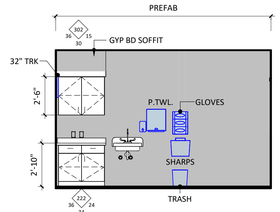
18 NURSE ALC - TYP
1/4" = 1'-0"



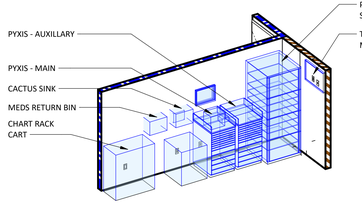
17 AXO - NURSE STATION



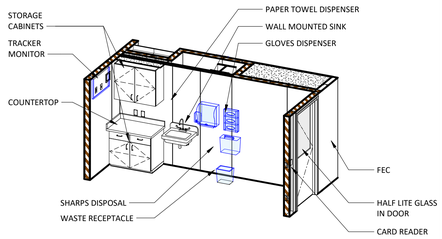
11 MEDS - A
1/4" = 1'-0"



12 MEDS - C
1/4" = 1'-0"



19 AXO - MEDS



20 AXO - MEDS - SINKWALL

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.

OFCI EQUIPMENT SCHEDULE

HCA EQUIP NO	ABBREV	DESCRIPTION	FURNISHED BY	INSTALLED BY
100912	CACTUS SINK	CACTUS SINK	OF	CI
101351	REF	UNDERCOUNDER REFRIGERATOR - MEDS	OF	CI
101475	REF	REFIGERATOR -SIDE BY SIDE	OF	CI
101534	MICRO	MICROWAVE OVEN COUNTERTOP	OF	CI
101610	POWER ADAPTER	CACTUS SINK - POWER ADAPTER	OF	CI
101869	REF	REFIGERATOR W/ FREEZER	OF	CI
714443	ICE	ICE & WATER MAKER	OF	CI
714519	FILTER	WATER FILTER SYSTEM	OF	CI
715943	STAND	ICE/WATER DISPENSER STAND	OF	CI
727039	CAB	WARMING CABINET	OF	CI
727553	COFF	COFFEE MACHINE	OF	CI

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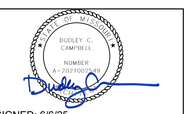

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ENLARGED FLOOR PLANS - LEVEL 3 - MED SURG

AE401

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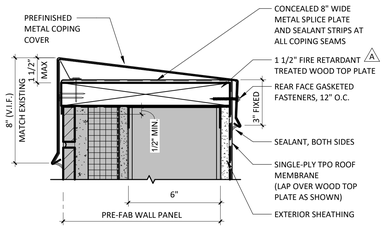
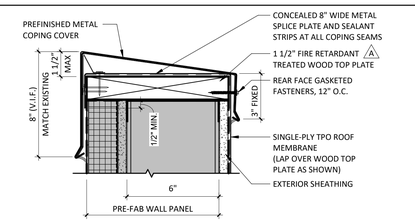


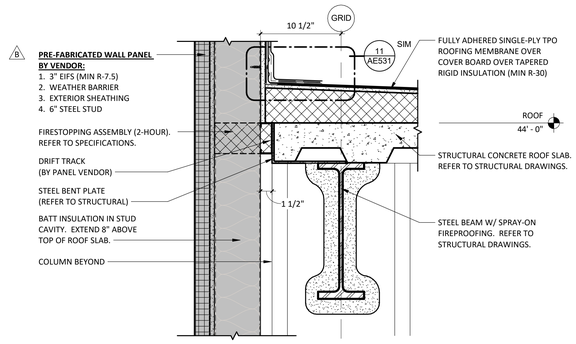
8 ROOF TERMINATION AT TOP OF BRICK WALL - 6" STUD

3" = 1'-0"



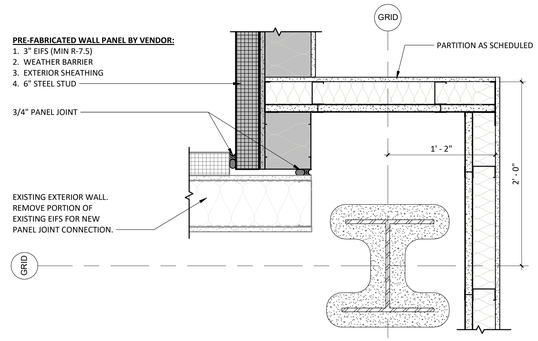
4 ROOF TERMINATION AT TOP OF EIFS WALL - 6" STUD

3" = 1'-0"



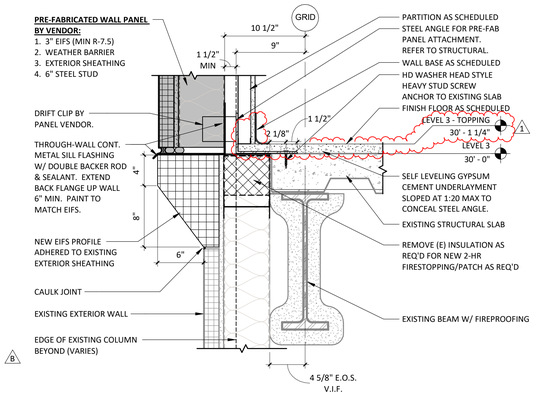
3 PRE-FAB EIFS PANEL AT ROOF - 6" STUD

1 1/2" = 1'-0"



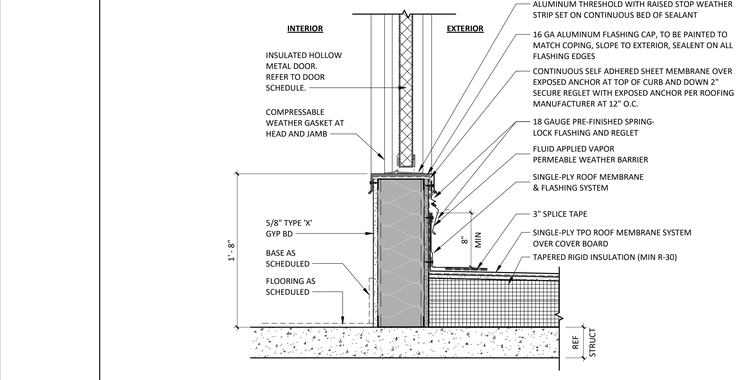
NEW PRE-FAB PANEL CONNECTION AT EXISTING EXTERIOR WALL

B 6 1 1/2" = 1'-0"



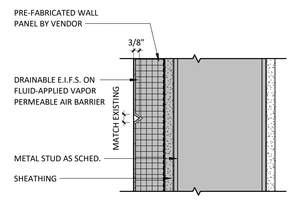
2 PRE-FAB EIFS PANEL CONNECTION TO EXISTING

1 1/2" = 1'-0"



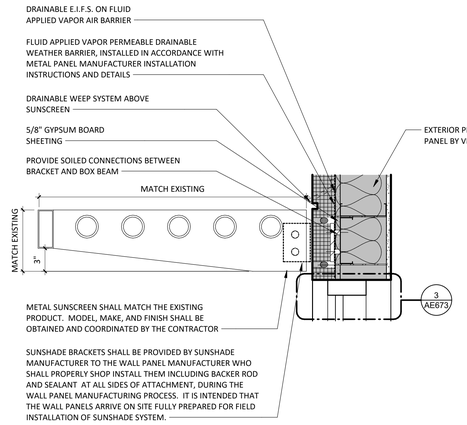
10 ROOF STAIR DOOR SILL DETAIL

1 1/2" = 1'-0"



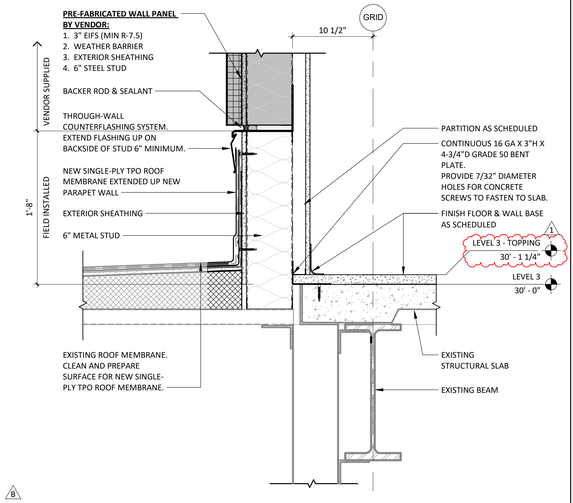
9 EIFS DETAIL - AESTHETIC REVEAL

3" = 1'-0"



5 EXTERIOR HORIZONTAL SUNSHADE

1 1/2" = 1'-0"



1 PRE-FAB EIFS PANEL CONNECTION TO EXISTING ROOF

B 1 1/2" = 1'-0"

Devenney GROUP

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021007049

DATE SIGNED: 6/6/25

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MED SURG & DIETARY EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/02/06
B	DESIGN COORDINATION	2025/02/06
1	DESIGN COORDINATION	2025/06/06

DATE:	2024/12/05
SCALE:	As indicated
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

EXTERIOR WALL DETAILS - MED/SURG

AE502

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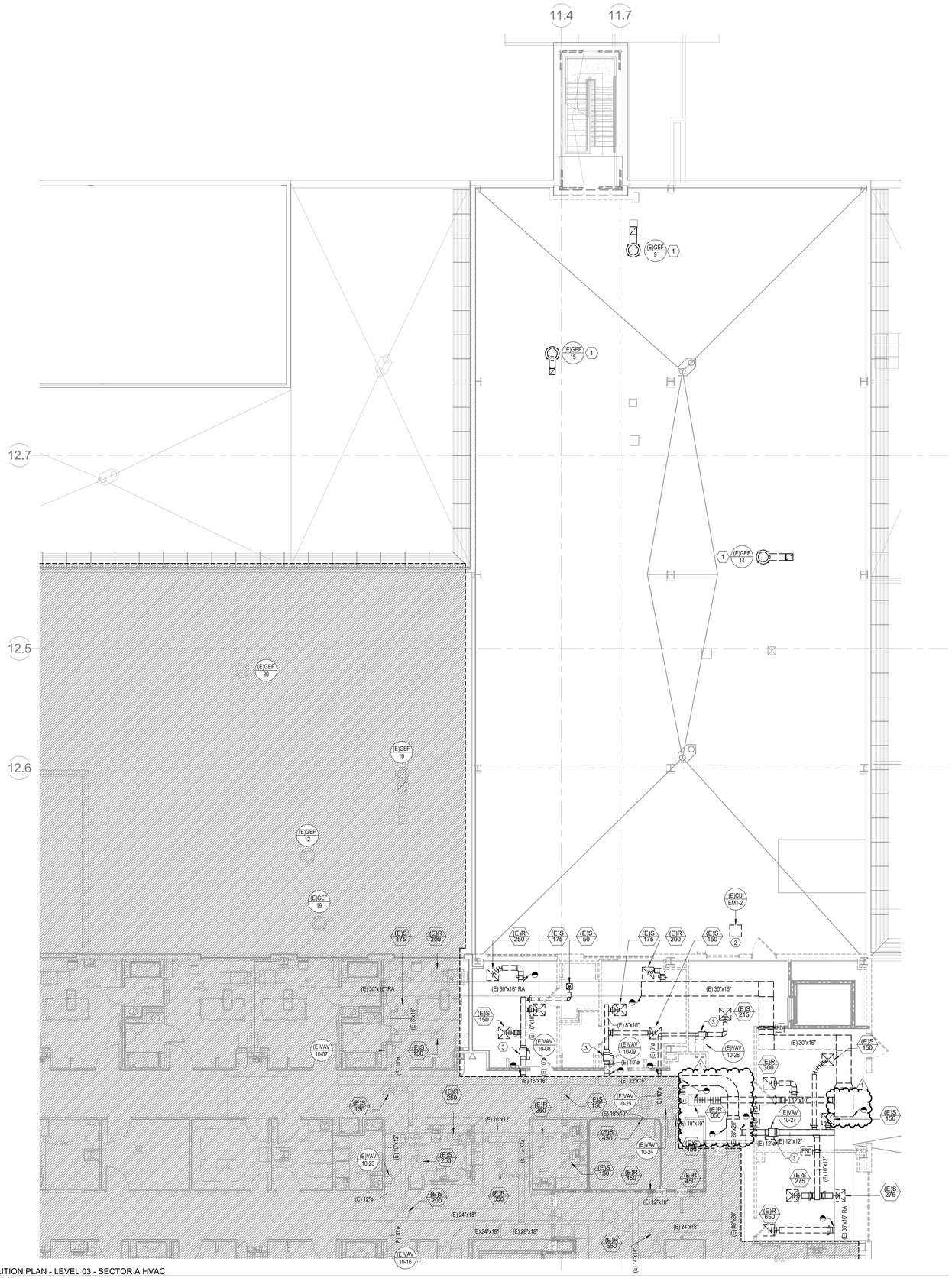


1 DEMOLITION PLAN - LEVEL 03 - SECTOR A HVAC
1/8" = 1'-0"

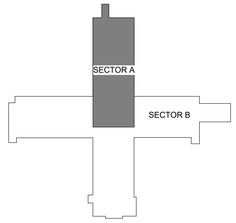
GENERAL DEMO NOTES

A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS.
B. ALL EXISTING CONDITIONS INDICATED ON THESE DRAWINGS ARE APPROXIMATE AND BASED UPON A COMBINATION OF AVAILABLE RECORD DESIGN AND AS-BUILT DOCUMENTS. CONTRACTOR TO VERIFY EXISTING CONDITIONS.
C. ALL EXISTING DUCT SIZES AND AIRFLOW VALUES ON PLAN ARE PER THE DESIGN DOCUMENTS AVAILABLE.
D. CONTRACTOR TO PRE-TAB ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SERVED BY EXISTING SYSTEMS MODIFIED AS A PART OF THIS SCOPE. PRE-TAB TO INCLUDE CURRENT CONSTRUCTION SCOPE AREAS AND ALL OUT OF SCOPE AREAS SERVED BY THE MODIFIED SYSTEMS. CONTRACTOR TO DOCUMENT PRECONSTRUCTION VALUES AND PROVIDE TO ENGINEER OF RECORD. UPON COMPLETION OF CONSTRUCTION, REBALANCE ALL EXISTING AREAS TO PRE-TABBED CONSTRUCTION VALUES.

LEGEND NOTES

1. DEMOLISH EXHAUST FAN AND ASSOCIATED DUCTWORK THROUGH ROOF. PREPARE EXHAUST DUCTWORK FOR NEW CONNECTION SHOWN ON NEW WORK SHEETS.
2. DEMOLISH CONDENSING UNIT AND ASSOCIATED HVAC ACCESSORIES. PROVIDE TEMPORARY COOLING FOR ROOM(S) SERVED BY CONDENSING UNIT.
3. DEMOLISH VAV BOX AND ASSOCIATED ACCESSORIES, SUPPORT, CONTROLS, WIRING, ETC.

LEVEL 3 - KEY PLAN



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Consultant:

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STATE OF MISSOURI
PROFESSIONAL ENGINEER
07/11/2025

WSP USA Buildings Inc. 2013001881

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INPATIENT BED 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:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE
1	DESIGN COORDINATION	2025/06/06

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

DEMOLITION PLAN - LEVEL 03 - SECTOR A HVAC

MD02-03A

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GENERAL DEMO NOTES

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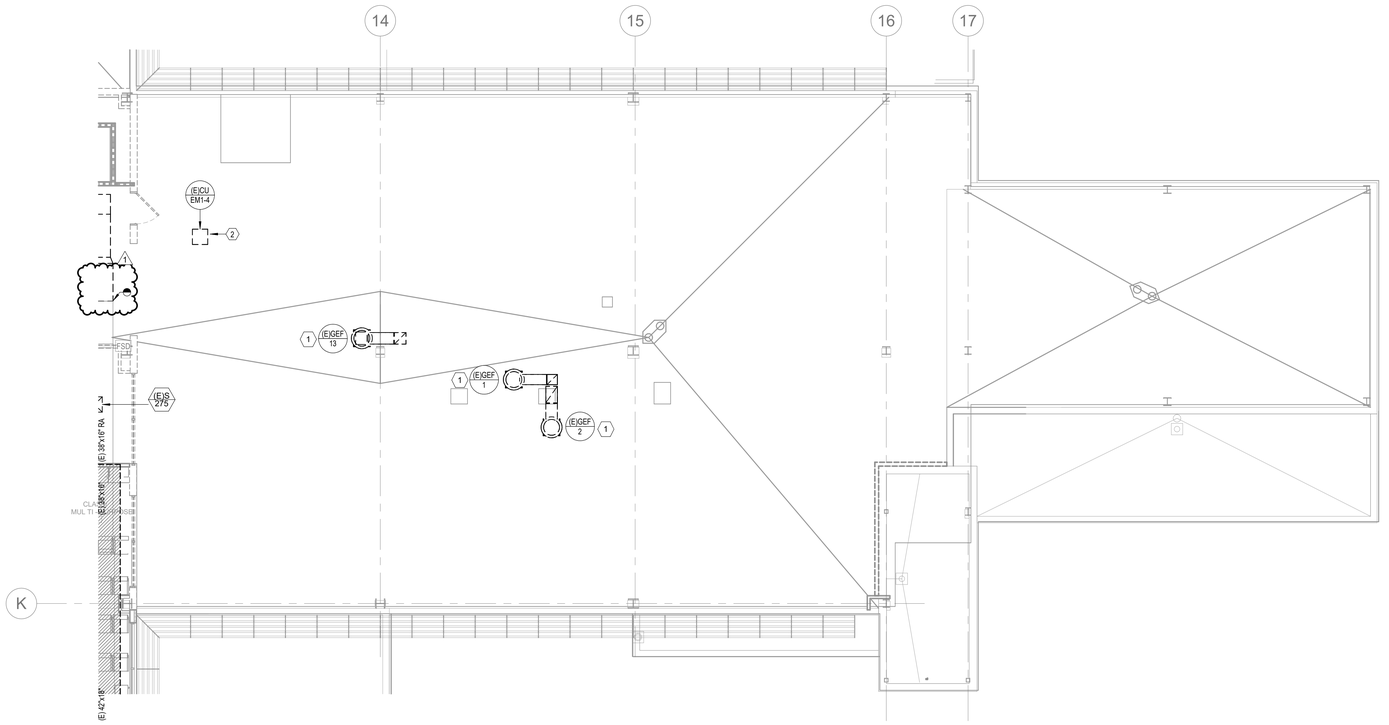
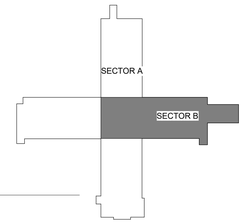


1 DEMOLITION PLAN - LEVEL 03 - SECTOR B HVAC
1/8" = 1'-0"

LEVEL 3 - KEY PLAN



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PROFESSIONAL ENGINEER
07/11/2025
WSP USA Buildings Inc. 2013001881

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LEE'S SUMMIT, MO 64063

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MISSOURI DHSS

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE
1	DESIGN COORDINATION	2025/06/06

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

DEMOLITION PLAN - LEVEL 03 - SECTOR B HVAC

MD02-03B

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1 FLOOR PLAN - LEVEL 03 - SECTOR A HVAC
1/8" = 1'-0"

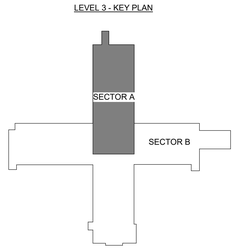
GENERAL NOTES

A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS.
B. CONTRACTOR TO VERIFY EXISTING CONDITIONS. EXISTING WORK SHOWN IS APPROXIMATE AND REPRESENTATIVE OF EXISTING DESIGN AND AS-BUILT DRAWINGS.
C. PROVIDE REMOTE ADJUSTABLE DAMPERS FOR ANY BALANCING DAMPERS LOCATED ABOVE HARD CEILINGS.
D. ACCESS PANELS TO BE PROVIDED FOR ANY MECHANICAL EQUIPMENT OR MECHANICAL DEVICES REQUIRING SERVICE LOCATED ABOVE HARD CEILINGS.
E. CONTRACTOR SHALL PROVIDE TEMPORARY EXHAUST FANS FOR ALL EXHAUST SYSTEMS BEING MODIFIED BY THIS PROJECT. COORDINATE TEMPORARY EXHAUST, PHASING, AND ROOM SHUTDOWN REQUIREMENTS WITH OWNER.

LEGEND NOTES

1. 14"x10" ISO EA UP TO ROOF.
2. 26"x12" EA DUCT UP TO EF ON ROOF ABOVE.
3. CONNECT SUPPLY TO AIR DEVICE PROVIDED BY PRE-FABRICATED BATHROOM POD MANUFACTURER.
4. CONNECT EXHAUST TO AIR DEVICE PROVIDED BY PRE-FABRICATED BATHROOM POD MANUFACTURER.
5. 20"x10" UP TO GEF-9 ON ROOF.
6. 12"x12" UP TO GEF-15 ON ROOF.
7. 14"x14" UP TO GEF-14 ON ROOF.
8. 26"x14" UP TO GEF-29 ON ROOF.
9. PROVIDE SOUND LAGGING FOR 15' OF HORIZONTAL DUCT AND VERTICAL DUCT UP TO EXHAUST FAN AS SHOWN WITH DASHED LINE. REFER TO DETAIL 01/M07-02.
10. STATIC PRESSURE SENSOR FOR AHU-12.

LEVEL 3 - KEY PLAN



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Consultant:
wsp

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07/11/2025
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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:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE
1	DESIGN COORDINATION	2025/06/06

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

FLOOR PLAN - LEVEL 03 - SECTOR A HVAC

M02-03A

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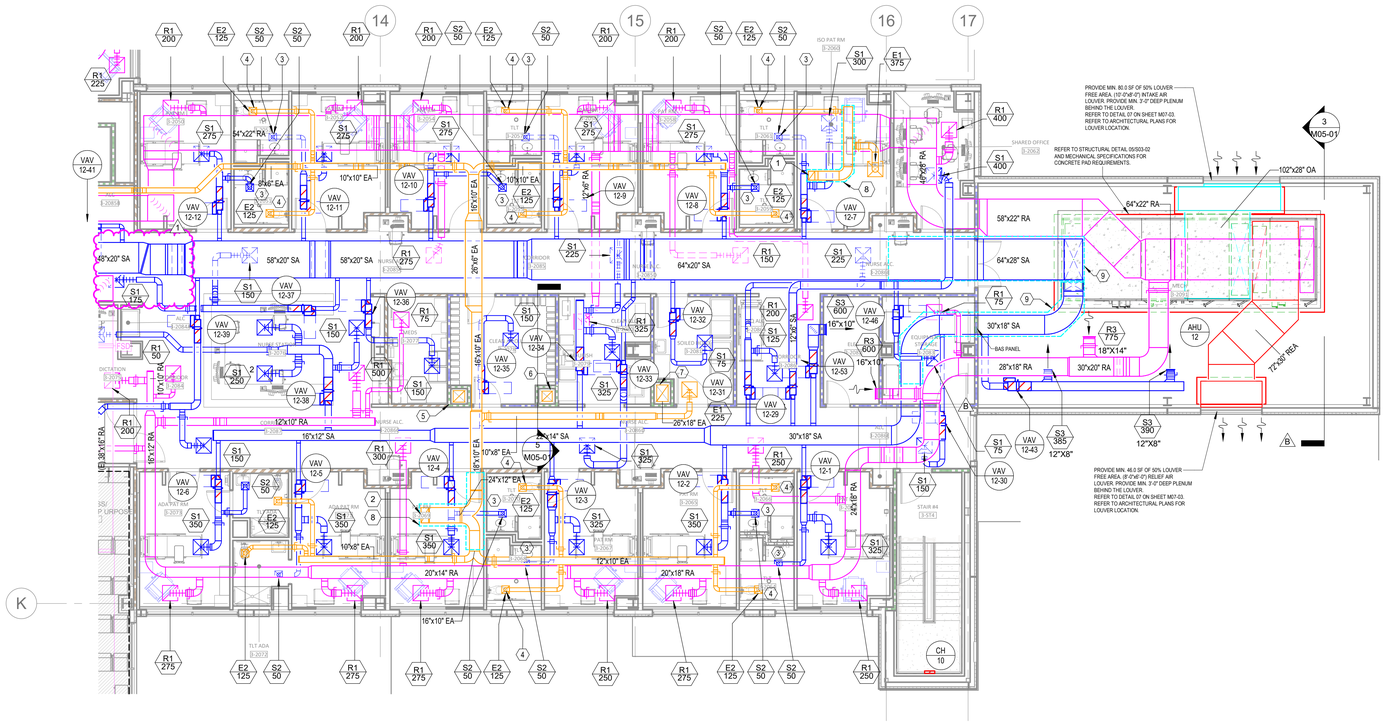
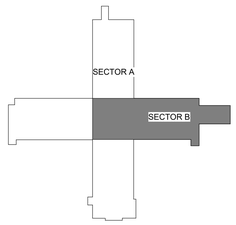
LEGEND NOTES

1. 14"x10" ISO EA. DUCT UP TO IEF-02 ON ROOF.
2. 24"x12" EA. DUCT UP TO GEF-30 ON ROOF.
3. CONNECT SUPPLY TO AIR DEVICE PROVIDED BY PRE-FABRICATED BATHROOM POD MANUFACTURER.
4. CONNECT EXHAUST TO AIR DEVICE PROVIDED BY PRE-FABRICATED BATHROOM POD MANUFACTURER.
5. 18"x18" EA DUCT UP TO GEF-13 ON ROOF.
6. 16"x16" EA DUCT UP TO GEF-1 ON ROOF.
7. 26"x18" EA DUCT UP TO GEF-2 ON ROOF.
8. PROVIDE SOUND LAGGING FOR 15' OF HORIZONTAL DUCT AND VERTICAL DUCT UP TO EXHAUST FAN AS SHOWN WITH DASHED LINE. REFER TO DETAIL 01/M07-02.
9. PROVIDE SOUND LAGGING FOR 25' OF HORIZONTAL DUCT AND VERTICAL DUCT DOWN TO AHU AS SHOWN WITH DASHED LINE.



1 FLOOR PLAN - LEVEL 03 - SECTOR B HVAC
1/8" = 1'-0"

LEVEL 3 - KEY PLAN



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LEE'S SUMMIT, MO 64063

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MISSOURI DHSS

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FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS		
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B	DESIGN COORDINATION	2025/02/06
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FLOOR PLAN - LEVEL 03 - SECTOR B HVAC

M02-03B

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1 FLOOR PLAN - LEVEL 03 - SECTOR A HVAC PIPING
1/8" = 1'-0"

GENERAL NOTES

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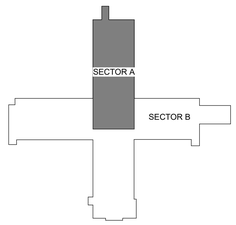
B. ALL EXISTING CONDITIONS INDICATED ON THESE DRAWINGS ARE BASED UPON A COMBINATION OF AVAILABLE RECORD DESIGN AND AS-BUILT DOCUMENTS.
C. PROVIDE CEILING ACCESS PANELS FOR ALL EQUIPMENT, COILS, ETC. THAT ARE LOCATED ABOVE HARD CEILINGS UNLESS NOTED OTHERWISE.

LEGEND NOTES

1. ROOM DIFFERENTIAL PRESSURE SENSOR AND MONITOR. SENSOR SHALL BE PLACED ABOVE THE DOOR AND MONITOR SHALL BE PLACED 48" ABOVE FINISHED FLOOR. SYSTEM COMPONENTS SHALL INCLUDE THE FOLLOWING: PRESSURE SENSORS, PRESSURE MONITOR, PRESSURE CABLE, TRANSFORMER CABLE AND TRANSFORMER.
2. CALIBRATED ORIFICE BALANCING VALVE BALANCED TO GPM INDICATED.
3. SIZE AND ROUTE REFRIGERANT PIPING PER MANUFACTURER'S INSTRUCTIONS UP TO CONDENSING UNIT ON ROOF.
4. ROUTE 3/4" CONDENSATE DRAIN DOWN IN WALL AND DISCHARGE TO LAVATORY TAILPIECE WITH AIR GAP. PROVIDE ESCUTCHEON AT WALL PENETRATION.
5. AC THERMOSTAT SHALL BE SET 3 DEGREES HIGHER THAN THE VAV THERMOSTAT.
6. PROVIDE 3-WAY CONTROL VALVE FOR VAV AT THE END OF THE PIPING RUN.
7. FIELD VERIFY LOCATION OF EXISTING DIFFERENTIAL PRESSURE CONTROL STATION SERVING HWS/R BRANCH. PROVIDE CIRCUIT SETTER IF EXISTING DIFFERENTIAL PRESSURE CONTROL STATION IS NO LONGER IN PLACE.

LEVEL 3 - KEY PLAN



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FLOOR PLAN - LEVEL 03 - SECTOR A HVAC PIPING

M03-03A

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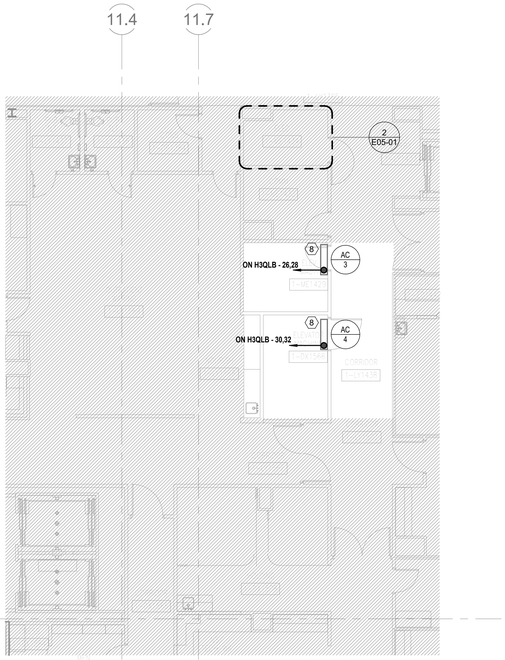
GENERAL NOTES

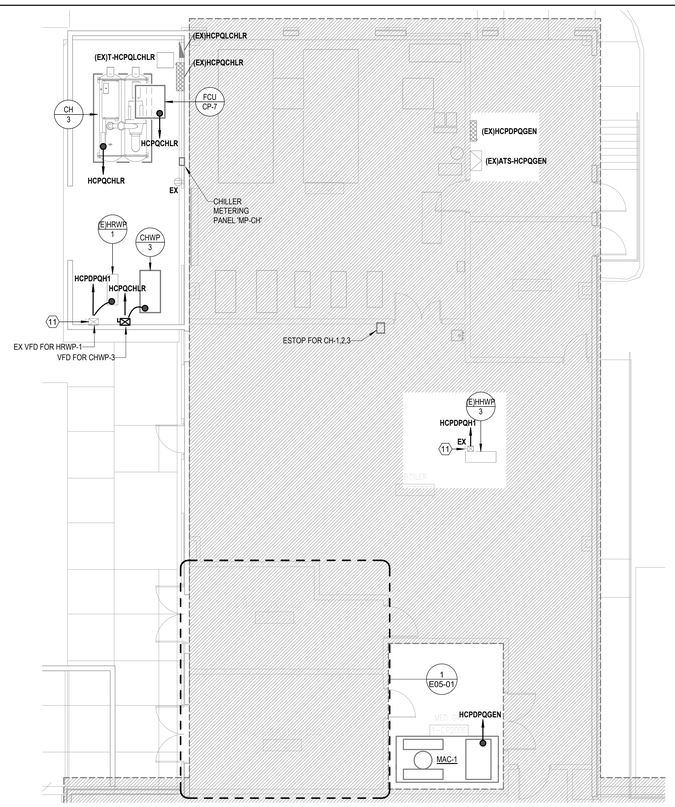
A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
B. REFER TO SHEET E08 SERIES FOR FEEDER AND PANELBOARD SCHEDULES.
C. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES
D. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO; SMOKE DAMPERS, FIRE/SMOKE DAMPERS, VAV BOXES, FCU'S, ETC. WITH MECHANICAL DRAWINGS AND DIVISION 03 CONTRACTOR.
E. COORDINATE LOCATIONS OF ALL DISCONNECTS, CONTROL PANELS, AND ELECTRICAL CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT TO MAINTAIN NEC REQUIRED CLEARANCES.

LEGEND NOTES

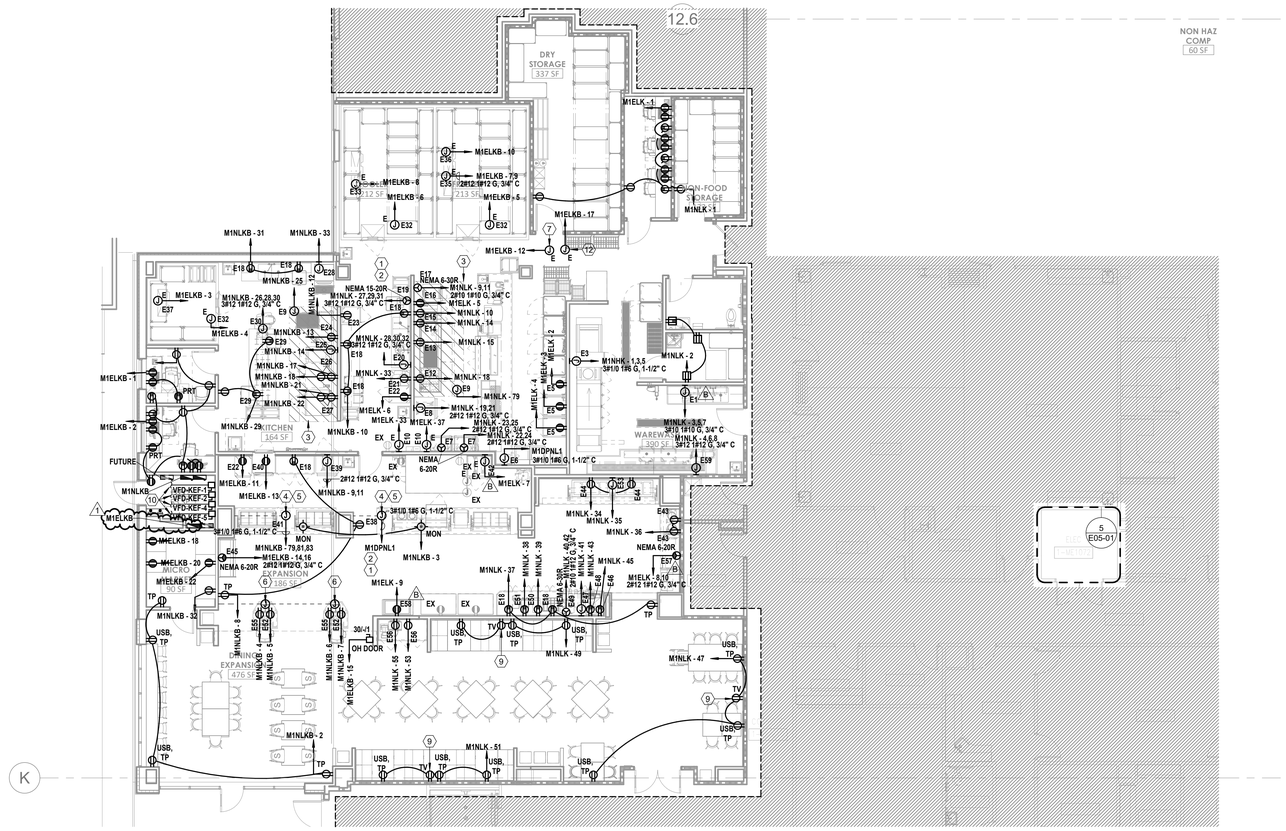
1 CAREFULLY REVIEW AND COORDINATE THE EXACT REQUIREMENTS OF THE FOOD SERVICE EQUIPMENT WITH THE EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN. REFER TO VENDOR DRAWINGS FOR EQUIPMENT, BRANCH CIRCUIT REQUIREMENTS, TERMINATION DETAILS, AND OTHER ITEMS NECESSARY TO PROVIDE THE PROPER ELECTRICAL WORK FOR THE FOOD SERVICE EQUIPMENT INSTALLATION.
2 REFER TO 'ELECTRICAL CONNECTIONS SCHEDULE' IN KITCHEN VENDOR DRAWINGS FOR ADDITIONAL INFORMATION ON 'E#'S TAGS'.
3 HATCHED REGION INDICATES HOOD LOCATION. ALL CIRCUITS UNDERNEATH HOOD SHALL HAVE SHUNT TRIP BREAKERS.
4 FEEDER FROM PANEL TO LOAD CENTER SHALL BE ROUTED UNDERNEATH SLAB. COORDINATE EXACT STUB UP LOCATIONS WITH FOOD SERVICE VENDOR PRIOR TO ROUGH-IN.
5 PROVIDE ALL WIRING, DEVICES, BOXES AS REQUIRED TO COMPLETE SYSTEM WIRING PER KITCHEN VENDOR DRAWINGS. REFER TO KITCHEN VENDOR PLANS FOR MORE INFORMATION.
6 JUNCTION BOX LOCATED IN FLOOR UNDER POS STATION FOR ROUTING OF EQUIPMENT POWER CIRCUITS INDICATED IN THIS POS STATION MILLWORK. ROUTE 1" CONDUIT UNDER FLOOR TO THE RECEPTACLE AS INDICATED.
7 PROVIDE 120V POWER CONNECTION TO VAV'S IN THIS AREA TO EMERGENCY EQUIPMENT CIRCUIT INDICATED. PROVIDE 20A 1P SWITCH AT CONTROL TRANSFORMER(S). REFER TO MECHANICAL DRAWINGS FOR BOX LOCATIONS. MAXIMUM OF 15 TERMINAL UNITS PER CIRCUIT. QUANTITY OF VAV'S SHALL BE BALANCED BETWEEN THE CIRCUITS INDICATED IN THE SAME SMOKE ZONE. TERMINAL UNITS IN DIFFERENT SMOKE ZONES SHALL NOT BE ON THE SAME CIRCUIT.
8 INDOOR UNIT TO BE SERVED FROM OUTDOOR UNIT. REFER TO OUTDOOR UNIT FOR MANUFACTURER REQUIREMENTS.
9 DEVICE(S) TO BE LOCATED IN TV BACK-BOX; REFER TO TECHNOLOGY DRAWINGS FOR SPECIFICATION AND DETAILS. COORDINATE EXACT LOCATION WITH MONITOR/ TV MOUNTING BRACKET. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR BRACKET MOUNTING HEIGHT AND EXACT LOCATIONS PRIOR TO ROUGH-IN.
10 CONNECT VARIABLE FREQUENCY DRIVE (VFD) TO RESPECTIVE DISCONNECT SWITCH LOCATED ON KITCHEN ROOF.
11 EXISTING MECHANICAL EQUIPMENT TO BE RE-CONNECTED TO EQUIPMENT PANEL HCPDPQH1. ALL ASSOCIATED EXISTING STARTER(S) AND DISCONNECT(S) TO REMAIN. EXISTING CONDUCTORS AND CONDUIT TO REMAIN AND SPLICE WITH NEW CONDUCTOR TO EXTEND TO NEW POWER PANEL. CONTRACTOR TO VERIFY EXISTING CONDUCTOR AND CONDUIT IN ACCEPTABLE CONDITION TO RE-USE. LABEL THE UPSTREAM BREAKER AS "SPARE".
12 PROVIDE 120V POWER CONNECTION TO FIRE/SMOKE DAMPERS, SMOKE DAMPERS, AND MOTORIZED DAMPERS IN THIS AREA. PROVIDE SEPARATE RELAYS FOR EACH DUCT DETECTOR TO MEET MECHANICAL SEQUENCES. REFER TO THE ARCHITECTURAL LIFE SAFETY PLANS FOR SMOKE WALLS AND MECHANICAL PLANS FOR THE LOCATIONS OF ALL FIRE/SMOKE DAMPERS, SMOKE DAMPERS, AND MOTORIZED DAMPERS.



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

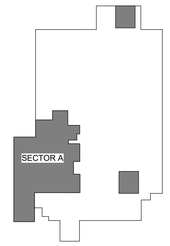


2 FLOOR PLAN - LEVEL 01 - SECTOR C - POWER
1/8" = 1'-0"



1 FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING - POWER
1/8" = 1'-0"

LEVEL 1 - KEYPLAN



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Consultant:
wsp

STATE OF MISSOURI
MINDY SUSAN WHEELER
NUMBER PE-2017006128
PROFESSIONAL ENGINEER
07/11/2025
WSP USA Buildings Inc. 2013001681

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INPATIENT BED 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:
0972400009

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REVIEWED:	Checker
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FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING - POWER

E02-01

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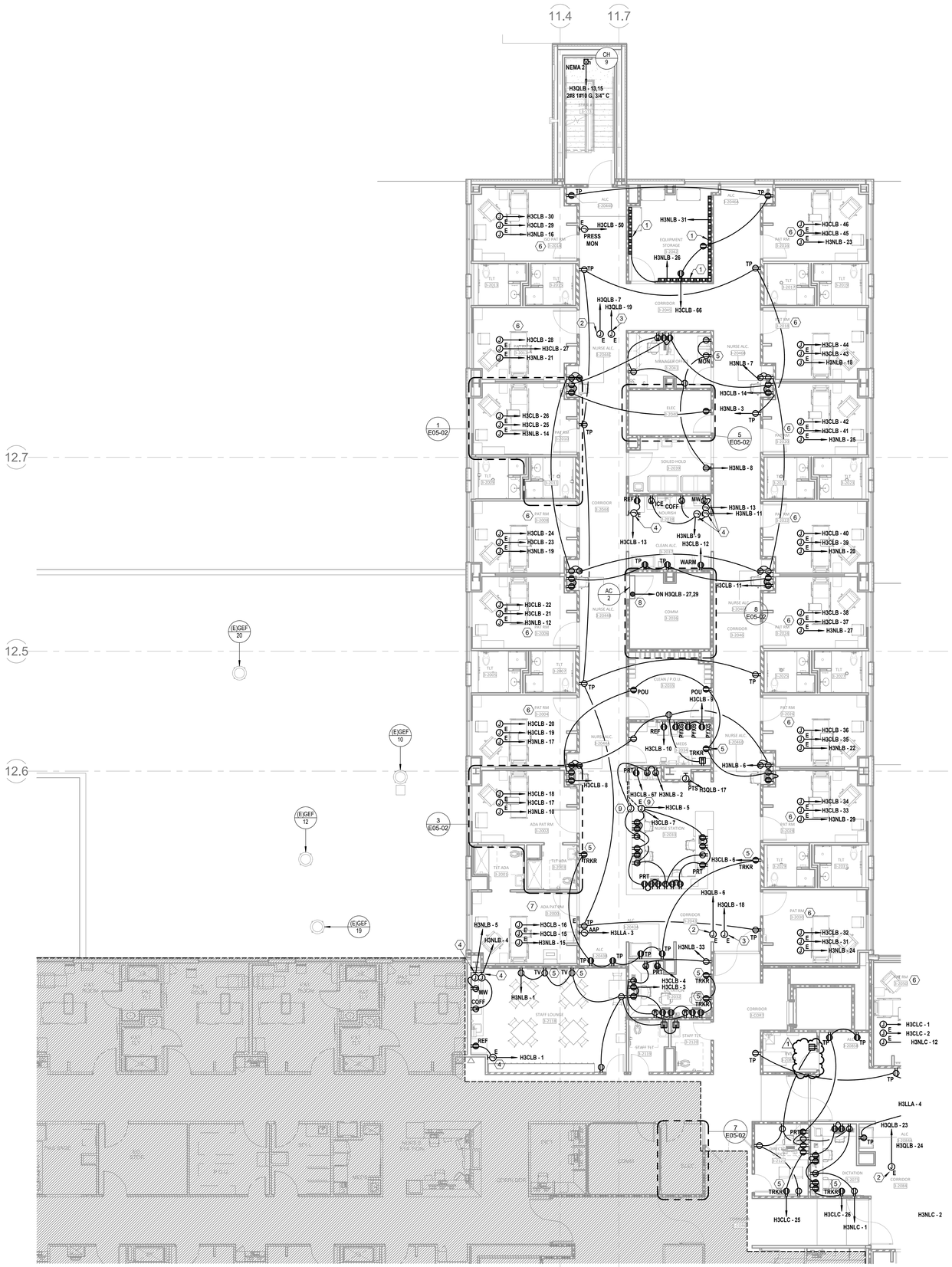

1 FLOOR PLAN - LEVEL 03 - SECTOR A POWER
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LEGEND NOTES

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2 PROVIDE 120V POWER CONNECTION TO VAV'S IN THIS AREA TO EMERGENCY EQUIPMENT CIRCUIT INDICATED. PROVIDE 20A 1P SWITCH AT CONTROL TRANSFORMER(S). REFER TO MECHANICAL DRAWINGS FOR BOX LOCATIONS. MAXIMUM OF 15 TERMINAL UNITS PER CIRCUIT. QUANTITY OF VAV'S SHALL BE BALANCED BETWEEN THE CIRCUITS INDICATED IN THE SAME SMOKE ZONE. TERMINAL UNITS IN DIFFERENT SMOKE ZONES SHALL NOT BE ON THE SAME CIRCUIT.
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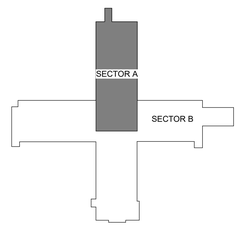
4 PROVIDE BLANK FACE (FACELESS) GFCI IN A READILY ACCESSIBLE LOCATION FOR RECEPTACLE INDICATED LABEL PER DEVICE INDICATED ON DRAWINGS. REFER TO DETAIL 01/E07-01 FOR MORE INFORMATION.
5 DEVICE(S) TO BE LOCATED IN TV BACK-BOX; REFER TO TECHNOLOGY DRAWINGS FOR SPECIFICATION AND DETAILS. COORDINATE EXACT LOCATION WITH MONITOR/ TV MOUNTING BRACKET. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR BRACKET MOUNTING HEIGHT AND EXACT LOCATIONS PRIOR TO ROUGH-IN.
6 REFER TO "ENLARGED FLOOR PLAN - LEVEL 03 - MED SURG - TYP PATIENT ROOM - POWER" ON E5 SERIES FOR TYPICAL POWER DEVICE LAYOUT.
7 REFER TO "ENLARGED FLOOR PLAN - LEVEL 03 - MED SURG - TYP ADA PATIENT ROOM - POWER" ON E5 SERIES FOR TYPICAL POWER DEVICE LAYOUT.
8 INDOOR UNIT TO BE SERVED FROM OUTDOOR UNIT. REFER TO OUTDOOR UNIT FOR MANUFACTURER REQUIREMENTS.
9 JUNCTION BOX LOCATED IN FLOOR UNDER NURSE STATION ISLAND FOR ROUTING NORMAL AND CRITICAL EMERGENCY POWER CIRCUITS INDICATED IN NURSE STATION MILLWORK. ROUTE 1" CONDUIT UNDER FLOOR TO THE NEAREST WALL AND ABOVE ACCESSIBLE CEILING .

LEVEL 3 - KEY PLAN



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Consultant: wsp

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INPATIENT BED EXPANSION

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LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

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FLOOR PLAN - LEVEL 03 - SECTOR A POWER

E02-03A

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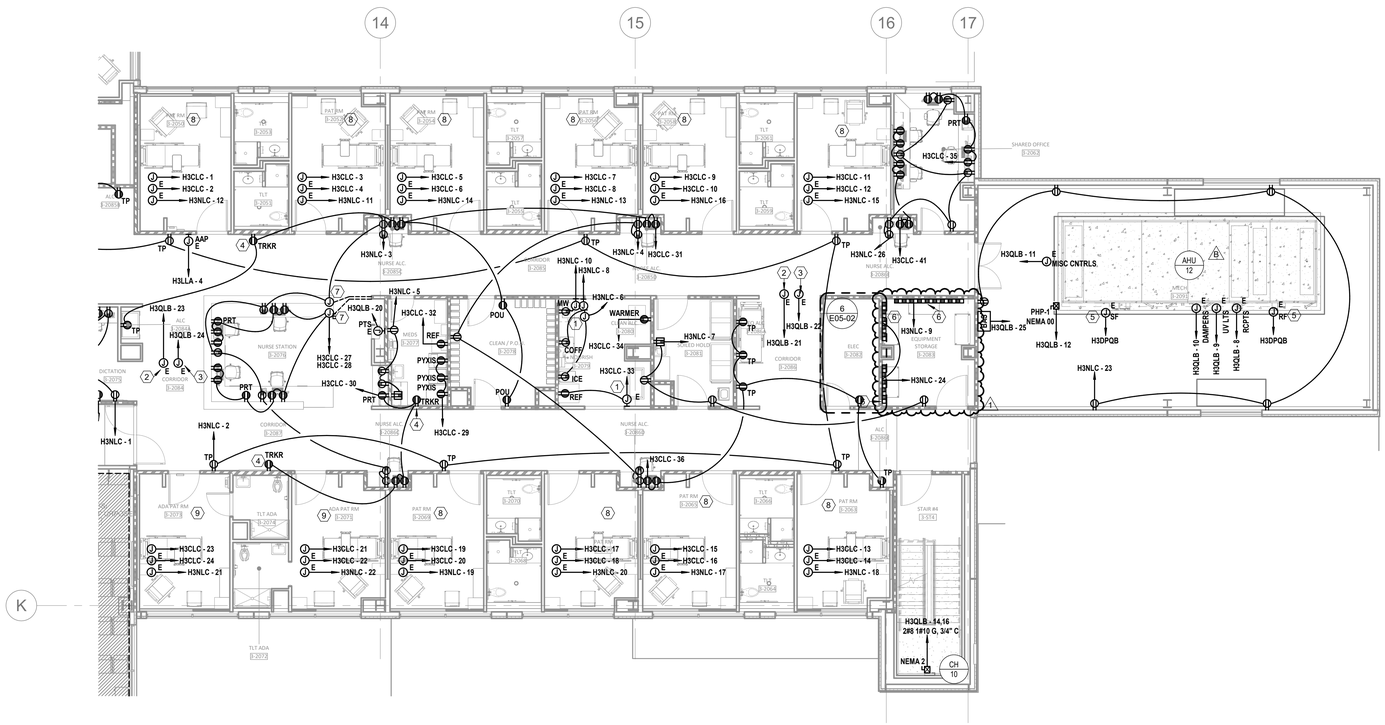
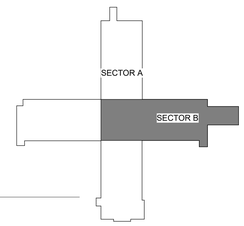
4 DEVICE(S) TO BE LOCATED IN TV BACK-BOX. REFER TO TECHNOLOGY DRAWINGS FOR SPECIFICATION AND DETAILS. COORDINATE EXACT LOCATION WITH MONITOR/ TV MOUNTING BRACKET. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR BRACKET MOUNTING HEIGHT AND EXACT LOCATIONS PRIOR TO ROUGH-IN.
5 EQUIPMENT IS PROVIDED WITH INTEGRAL DISCONNECT BY MANUFACTURER, CIRCUITED BY DIV. 26.
6 PROVIDE PLUGMOLD EQUAL TO WIREMOLD AL3300 SERIES WITH DUPLEX RECEPTACLES AT 12" C.C. MOUNTED AT 4'-0" TO BOTTOM OF PLUGMOLD ABOVE FINISH FLOOR. COORDINATE WITH ARCHITECTURAL ELEVATIONS FOR MORE DETAILS.
7 JUNCTION BOX LOCATED IN FLOOR UNDER NURSE STATION ISLAND FOR ROUTING NORMAL AND CRITICAL EMERGENCY POWER CIRCUITS INDICATED IN NURSE STATION MILLWORK. ROUTE 1" CONDUIT UNDER FLOOR TO THE NEAREST WALL AND ABOVE ACCESSIBLE CEILING .
8 REFER TO "ENLARGED FLOOR PLAN - LEVEL 03 - MED SURG - TYP PATIENT ROOM - POWER" ON E5 SERIES FOR TYPICAL POWER DEVICE LAYOUT.
9 REFER TO "ENLARGED FLOOR PLAN - LEVEL 03 - MED SURG - TYP ADA PATIENT ROOM - POWER" ON E5 SERIES FOR TYPICAL POWER DEVICE LAYOUT.



1 FLOOR PLAN - LEVEL 03 - SECTOR B POWER
1/8" = 1'-0"

LEVEL 3 - KEY PLAN



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FLOOR PLAN - LEVEL 03 - SECTOR B POWER

E02-03B

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7/11/2025 11:07:23 AM

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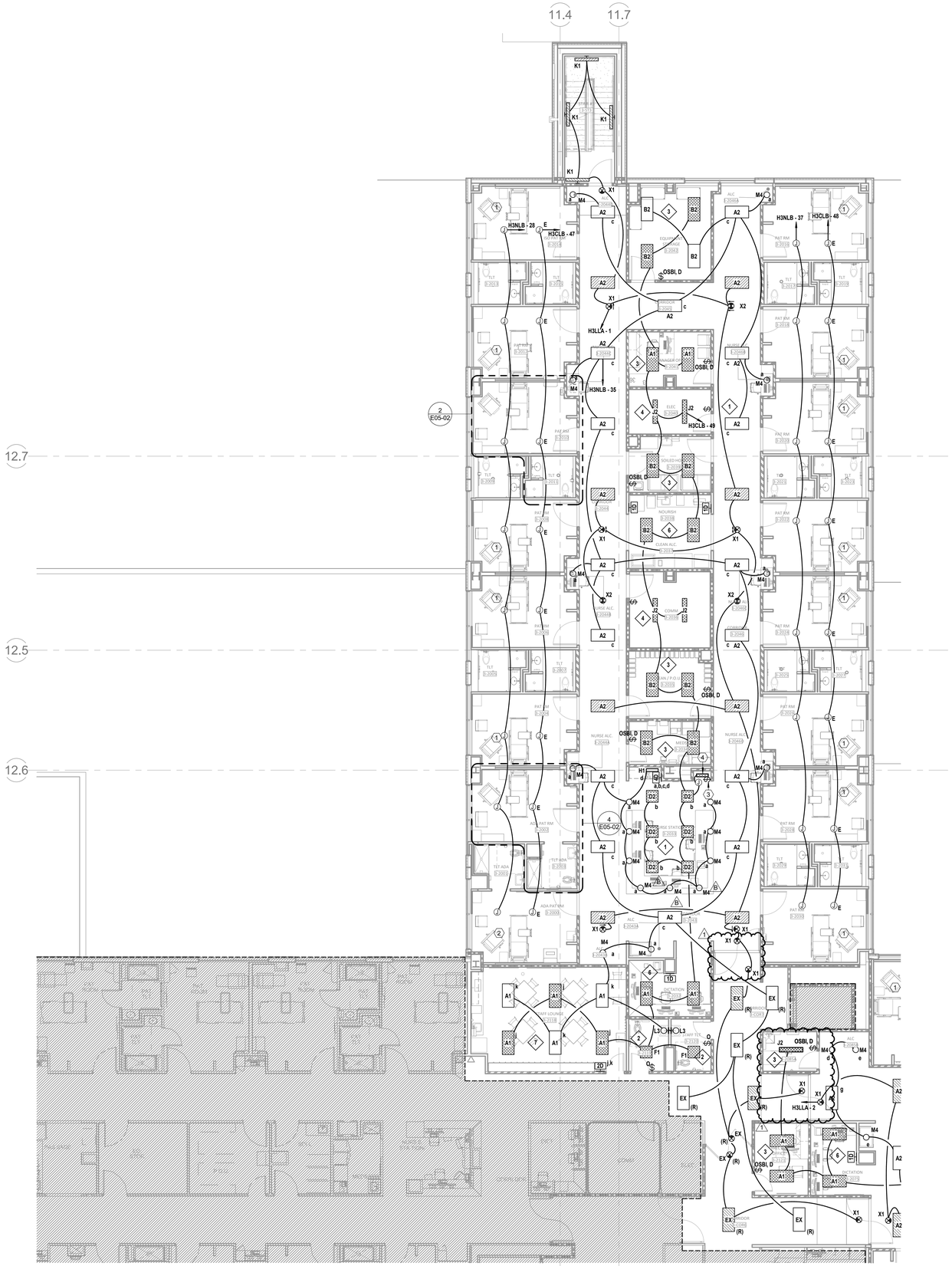
B. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
C. REFER TO SHEET E8-02 FOR LIGHT SCHEDULES
D. CONTRACTORS SHALL USE FMC TRANSITIONS FROM EMT AT BUILDING EXPANSION JOINTS WHEN APPLICABLE. FMC ROUTING SHALL BE PROVIDED TO ALLOW LATERAL AND VERTICAL ADJUSTMENTS IN LINE WITH COORDINATE EXACT LOCATIONS OF EXPANSION JOINTS WITH ARCHITECTURAL DRAWINGS

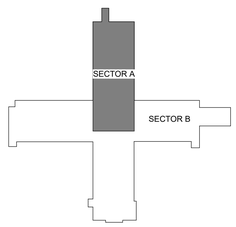
LEGEND NOTES

1 REFER TO "ENLARGED FLOOR PLAN - LEVEL 03 - MED SURG - TYP PATIENT ROOM - LIGHTING" ON E5 SERIES FOR TYPICAL LIGHTING LAYOUT.
2 REFER TO "ENLARGED FLOOR PLAN - LEVEL 03 - MED SURG - TYP ADA PATIENT ROOM - LIGHTING" ON E5 SERIES FOR TYPICAL LIGHTING LAYOUT.
3 SWITCH TO BE PROVIDED WITH PRE-FABRICATED WALLS.
4 LIGHT FIXTURE TO BE PROVIDED WITH PRE-FABRICATED SINK POD.



1 FLOOR PLAN - LEVEL 03 - SECTOR A LIGHTING
1/8" = 1'-0"

LEVEL 3 - KEY PLAN



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FLOOR PLAN - LEVEL 03 - SECTOR A LIGHTING

E03-03A

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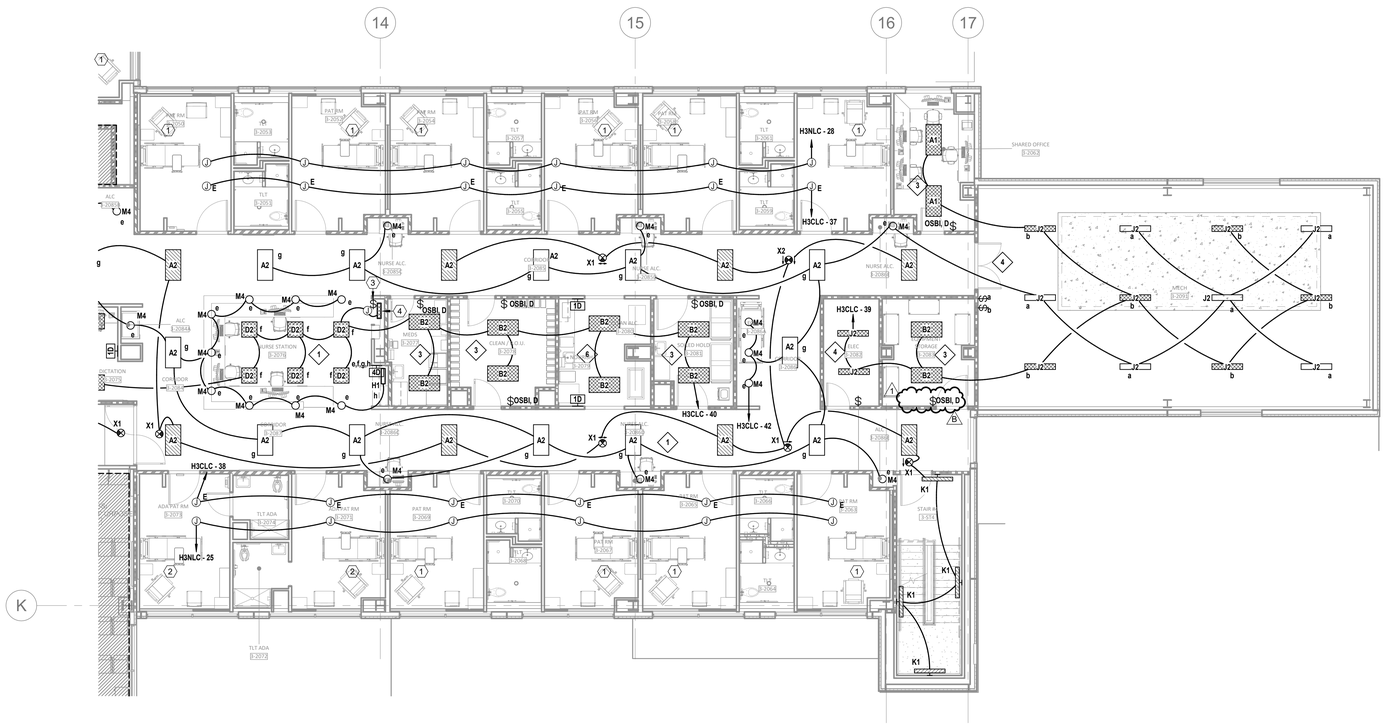
B. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
C. REFER TO SHEET E8-02 FOR LIGHT SCHEDULES
D. CONTRACTORS SHALL USE FMC TRANSITIONS FROM EMT AT BUILDING EXPANSION JOINTS WHEN APPLICABLE. FMC ROUTING SHALL BE PROVIDED TO ALLOW LATERAL AND VERTICAL ADJUSTMENTS IN LINE WITH COORDINATE EXACT LOCATIONS OF EXPANSION JOINTS WITH ARCHITECTURAL DRAWINGS

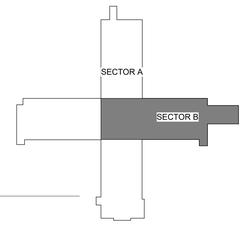
LEGEND NOTES

#	
1	REFER TO "ENLARGED FLOOR PLAN - LEVEL 03 - MED SURG - TYP PATIENT ROOM - LIGHTING" ON E5 SERIES FOR TYPICAL LIGHTING LAYOUT.
2	REFER TO "ENLARGED FLOOR PLAN - LEVEL 03 - MED SURG - TYP ADA PATIENT ROOM - LIGHTING" ON E5 SERIES FOR TYPICAL LIGHTING LAYOUT.
3	SWITCH TO BE PROVIDED WITH PRE-FABRICATED WALLS.
4	LIGHT FIXTURE TO BE PROVIDED WITH PRE-FABRICATED SINK POD.



1 FLOOR PLAN - LEVEL 03 - SECTOR B LIGHTING
1/8" = 1'-0"

LEVEL 3 - KEY PLAN



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wsp

STATE OF MISSOURI
MINDY SUSAN WHEELER
NUMBER PE-2017008128
PROFESSIONAL ENGINEER

07/11/2025
WSP USA Buildings Inc. 2013001681

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.

INPATIENT BED 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:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/02/06
1	DESIGN COORDINATION	2025/06/06

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

FLOOR PLAN - LEVEL 03 - SECTOR B LIGHTING

E03-03B

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7/11/2025 11:07:35 AM

1 FLOOR PLAN - LEVEL 03 - SECTOR A SPECIAL SYSTEMS
1/8" = 1'-0"

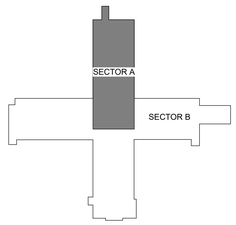
GENERAL NOTES

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

LEGEND NOTES

1 FIRE SMOKE DAMPER LOCATED BETWEEN LEVEL 02 AND 03, REFER TO M02-02A FOR EXACT LOCATION.

LEVEL 3 - KEY PLAN



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INPATIENT BED 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:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/02/06
1	DESIGN COORDINATION	2025/06/06

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

FLOOR PLAN - LEVEL 03 - SECTOR A SPECIAL SYSTEMS

E04-03A

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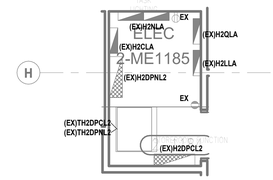
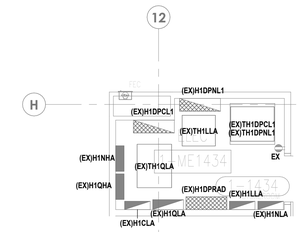
7/11/2025 11:07:41 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/MEP_LSMC Med Surg & Dietery Expansion_R23.rvt

GENERAL NOTES

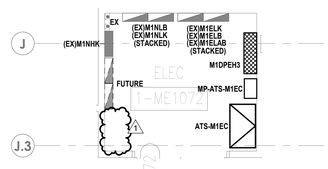
A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
B. REFER TO SHEET E08 SERIES FOR FEEDER AND PANELBOARD SCHEDULES.
C. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES
D. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO: SMOKE DAMPERS, FIRE/SMOKE DAMPERS, VAV BOXES, FCU'S, ETC. WITH MECHANICAL DRAWINGS AND DIVISION 23 CONTRACTOR
E. COORDINATE LOCATIONS OF ALL DISCONNECTS, CONTROL PANELS, AND ELECTRICAL CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT TO MAINTAIN NEC REQUIRED CLEARANCES.



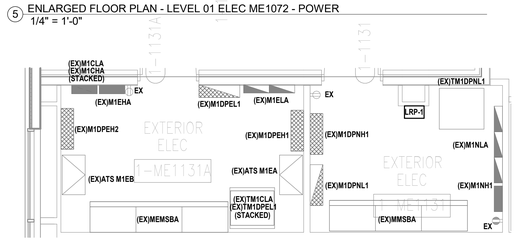
3 ENLARGED FLOOR PLAN - LEVEL 02 ELEC ME1185 - POWER
1/4" = 1'-0"



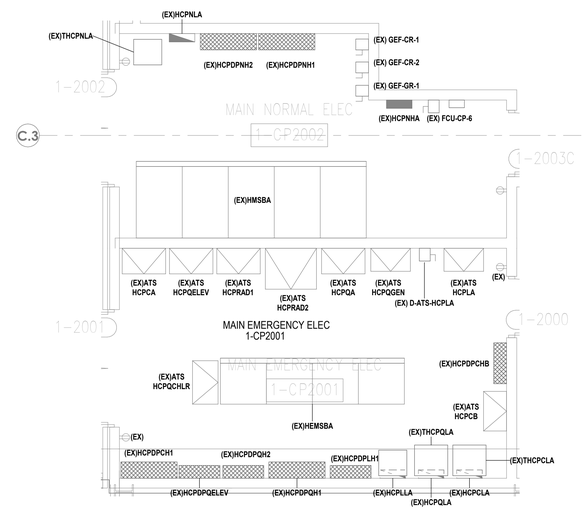
2 ENLARGED FLOOR PLAN - LEVEL 01 ELEC ME1434 - POWER
1/4" = 1'-0"



5 ENLARGED FLOOR PLAN - LEVEL 01 ELEC ME1072 - POWER
1/4" = 1'-0"



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



1 ENLARGED FLOOR PLAN - LEVEL 01 ELEC CP2001 - POWER
1/4" = 1'-0"

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STATE OF MISSOURI
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07/11/2025
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INPATIENT BED 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:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE
1	DESIGN COORDINATION	2025/06/06

DATE:	05/23/2025
SCALE:	As indicated
DRAWN:	Author
REVIEWED:	Checker
JOB NUMBER:	6406.24

ENLARGED PLANS - ELECTRICAL

E05-01

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7/11/2025 11:07:50 AM

GENERAL NOTES

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

LEGEND NOTES

1 EXISTING LOAD FROM PREVIOUS 2024 PROJECT.
2 EXISTING LOAD IS BASED ON LAST 12 MONTHS OF UTILITY TRANSFORMER DATA.
3 COORDINATE BREAKER SIZE WITH SPD MANUFACTURER.

EXIST

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

EXIST: "MMSBA" LOAD SUMMARY (2)

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
BRANCH:	NORMAL	KTCH	40,474	26,308			
EQUIPMENT TYPE:	SWITCHBOARD	LGHT	3,549	4,437	EXISTING CONNECTED LOAD:	452.5	544.3
BUSS RATING:	1600A	MISC	101,873	101,873	REMOVED CONNECTED LOAD:	108.2	190.3
PANEL LUGS:	MLO	MTRS	143,741	109,676	ADDED CONNECTED LOAD:	412.7	496.4
VOLTAGE:	480/277 WYE	RCPT	43,090	26,525	TOTAL CONNECTED LOAD:	797	950.3
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	693.1	833.7
AIC AVAILABLE:	21410 A						
AIC RATING:	42000 A						

NEW

1600/3 LSIG — 600/3 LSIG — 200/3 LSIG — 400/3 LSIG — 100/3 LSIG — 300/3 LSIG — 400/3 (1) LSIG — LSIG — LSIG

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

TVSS

600.4 — 200.3 — 400.4 — 100.4 — 400.4 (1)

RTU-1 — RTU-2

EXIST GEN-2 300KW/375KVA, 480Y

EXISTING MEMSBA SWITCHBOARD 600A 480Y/277V 4W+G 22000 AIC

EXIST: "MEMSBA" LOAD SUMMARY

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
BRANCH:	EMERGENCY	KTCH	8,449	5,492			
EQUIPMENT TYPE:	SWITCHBOARD	LGHT	1,778	2,222	EXISTING CONNECTED LOAD:	108.8	130.8
BUSS RATING:	600A	MISC	30,646	30,646	REMOVED CONNECTED LOAD:	66.4	67.8
PANEL LUGS:	MLO	MTRS	143,741	159,676	ADDED CONNECTED LOAD:	201.1	241.9
VOLTAGE:	480/277 WYE	RCPT	16,514	13,257	TOTAL CONNECTED LOAD:	253.5	304.9
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	263.7	317.2
AIC AVAILABLE:	2998 A						
AIC RATING:	22000 A						

NEW

600/3 LS — 400/3 LSI — 100/3 LSI — 200/3 LSI — 200/3 LSI — 400/3 (1) LSI — LSI

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

TVSS

400.4 — 150.4 — 400.4 (1)

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

EXIST: "M1DPNH1" LOAD SUMMARY (1)

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
BRANCH:	NORMAL	KTCH	32,025	20,816			
EQUIPMENT TYPE:	DIST. PANELBOARD	LGHT	1,772	2,210	EXISTING CONNECTED LOAD:	162.7	196.6
BUSS RATING:	400 A	MISC	101,227	101,227	REMOVED CONNECTED LOAD:	101.9	122.5
PANEL LUGS:	MCB	RCPT	26,536	18,268	ADDED CONNECTED LOAD:	211.6	254.5
VOLTAGE:	480/277 WYE				TOTAL CONNECTED LOAD:	272.3	327.6
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	253.3	304.7
AIC AVAILABLE:	20763 A						
AIC RATING:	42000 A						

1 — 2 — 3 — 4 — 5 — 6-10

100/3 — 300/3 — 150/3 — 100/3 — 100/3

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

100.4 — 150.4

EXIST M1NH1 — EXIST M1NHK — EXIST TM1DPNL1

EXIST D-M1EA-N 400/400/3

DPM

EXIST ATS-M1EA EMERGENCY 400A 4-POLE 42000 AIC

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

EXIST: "M1DPEH1" LOAD SUMMARY (1)

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
BRANCH:	EMERGENCY	KTCH	8,449	5,492			
EQUIPMENT TYPE:	DIST. PANELBOARD	LGHT	1,621	2,026	EXISTING CONNECTED LOAD:	294.5	354.2
BUSS RATING:	400 A	MISC	30,646	30,646	REMOVED CONNECTED LOAD:	56.4	67.8
PANEL LUGS:	MCB	MTRS	1,896	2,190	ADDED CONNECTED LOAD:	59.1	71.1
VOLTAGE:	480/277 WYE	RCPT	16,514	13,257	TOTAL CONNECTED LOAD:	297.2	357.6
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	291.7	350.9
AIC AVAILABLE:	20113 A						
AIC RATING:	42000 A						

400.4

1 — 2 — 3 — 4 — 5 — 6-9

150/3 — 200/3 — 100/3 — 100/3 — 225/3

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

150.4 — 200.4

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

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

EXIST D-M1EB-N 200/100/3

DPM

EXIST ATS-M1EB LIFE-SAFETY 100A 4-POLE 42000 AIC

EXISTING M1DPEH2 DISTRIBUTION PANEL 100A 480Y/277V 4W+G 42000 AIC

150.4

1 — 2 — 3 — 4-8

60/3 — 60/3 — 60/3

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

60.4

EXIST M1CHA — EXIST TM1CLA — EXIST M1CLA — EXIST M2CLA

EXISTING M1DPNL1 DISTRIBUTION PANEL 600A 208Y/120V 4W+G 10000 AIC

EXIST: "M1DPNL1" LOAD SUMMARY (1)

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
BRANCH:	NORMAL	KTCH	32,025	20,816			
EQUIPMENT TYPE:	DIST. PANELBOARD	LGHT	1,772	2,210	EXISTING CONNECTED LOAD:	96.4	267.7
BUSS RATING:	400 A	MISC	75,993	75,993	REMOVED CONNECTED LOAD:	44.2	122.8
PANEL LUGS:	MCB	RCPT	26,536	18,268	ADDED CONNECTED LOAD:	136.3	378.4
VOLTAGE:	120/208 WYE				TOTAL CONNECTED LOAD:	188.5	523.3
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	169.5	470.5
AIC AVAILABLE:	7308 A						
AIC RATING:	10000 A						

1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9-13

500/3 — 200/3 — 150/3 — 200/3 — 150/3 — 150/3 — 225/3 225/3 ELEC TRIP, LSI — 125/3 125/3 ELEC TRIP, LSI — 125/3 125/3 ELEC TRIP, LSI

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

200.4 — 150.4 — 200.4 — 150.4 — 150.4 — 225.3 — 125.3 — 125.3

EXIST M1NLA — EXIST — EXIST — EXIST M1NLB — EXIST — EXIST M1NLK — EXIST — EXIST M2NLA — EXIST — EXIST M2NLB — EXIST — NEW M1NLKB — FUTR — NEW LOAD CENTER #38 — NEW LOAD CENTER #6

TVSS — TVSS — TVSS — TVSS — TVSS

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

EXIST: "M1DPEL1" LOAD SUMMARY (1)

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
BRANCH:	EMERGENCY	KTCH	8,449	5,492			
EQUIPMENT TYPE:	DIST. PANELBOARD	LGHT	1,621	2,026	EXISTING CONNECTED LOAD:	89.4	248.2
BUSS RATING:	400 A	MISC	30,646	30,646	REMOVED CONNECTED LOAD:	43.7	121.4
PANEL LUGS:	MCB	MTRS	1,896	2,190	ADDED CONNECTED LOAD:	59.1	164.1
VOLTAGE:	120/208 WYE	RCPT	16,514	13,257	TOTAL CONNECTED LOAD:	104.8	290.9
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	99.3	275.6
AIC AVAILABLE:	6976 A						
AIC RATING:	10000 A						

NEW

1 — 2 — 3 — 4 — 5 — 6 — 8-11

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

150/3 150/3 ELEC TRIP, LSI

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

100.4 — 100.4 — 100.4 — 150.4 — 100.4 — 100.4 — 150.3

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

TVSS — TVSS — TVSS — TVSS

NEW AUTOMATIC TRANSFER SWITCH ATS-M1EC OPEN TRANSITION, DELAYED 3-CYCLE (0.05 SEC) RATED, 4-POLE (SWITCHED NEUTRAL) 400A/480Y/277V, 3PH, 4W+G 42000 WCR

DPM

NEW M1DPEH3 DISTRIBUTION PANEL 400A 480Y/277V 4W+G 42000 AIC

NEW: "M1DPEH3" LOAD SUMMARY

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
BRANCH:	EMERGENCY	MTRS	141,845	157,760			
EQUIPMENT TYPE:	DISTRIBUTION...						
BUSS RATING:	400A (1)						
PANEL LUGS:	MCB						
VOLTAGE:	480/277 WYE				TOTAL CONNECTED LOAD:	141.8	170.6
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	157.8	189.8
AIC AVAILABLE:	15824 A						
AIC RATING:	42000 A						

1 — 2 — 3 — 5 — 6 — 7 — 8-11

15/4 15/4 THERM MAG — 15/3 15/3 THERM MAG — 15/3 15/3 THERM MAG — 100/3 90/3 THERM MAG — 200/3 110/3 THERM MAG — 15/3 15/3 THERM MAG — 3 THERM MAG

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

15.3 — 15.3 — 15.3 — 90.3 — 110.3 — 15.3 — SPD

NEW VFD — NEW VFD — NEW VFD — CNTRL — CNTRL — NEW VFD

NEW NEMA 3R 30/-/3 15.3 — NEW NEMA 3R 30/-/3 15.3 — NEW NEMA 3R 30/-/3 15.3

NEW KEF-1 3 HP AVAIL AMPS: 485 A — NEW KEF-5 3 HP AVAIL AMPS: 485 A — NEW KEF-4 2 HP AVAIL AMPS: 485 A — NEW MAU-1 79 FLA AVAIL AMPS: 4266 A — NEW RTU-3 80 FLA AVAIL AMPS: 4270 A — NEW KEF-2 3 HP AVAIL AMPS: 485 A

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

1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 — 10 — 11 — 12 — 13 — 14 — 15 — 16 — 17-21

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

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

EXIST TMMELA — EXIST MMELA

EXIST VFD — EXIST VFD — EXIST VFD — EXIST VFD

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

EXIST — EXIST — EXIST — EXIST

EXIST CRAC 2-1 — EXIST CRAC 2-2 — EXIST ACCU 2-1 — EXIST ACCU 2-2

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

Devenney Group Ltd., Architects

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T: 602.943.8950

www.devenneygroup.com

Consultant:

ARIZONA CERTIFICATION — NOT VALID UNLESS SIGNED — MINDY SUSAN WIESLER — NUMBER FR-2017060126 — PROFESSIONAL ENGINEER
07/11/2025
WSP USA Buildings Inc. 2013001681

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INPATIENT BED 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:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/02/06
1	DESIGN COORDINATION	2025/06/06

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

ONE LINE DIAGRAM - ELECTRICAL

E06-05

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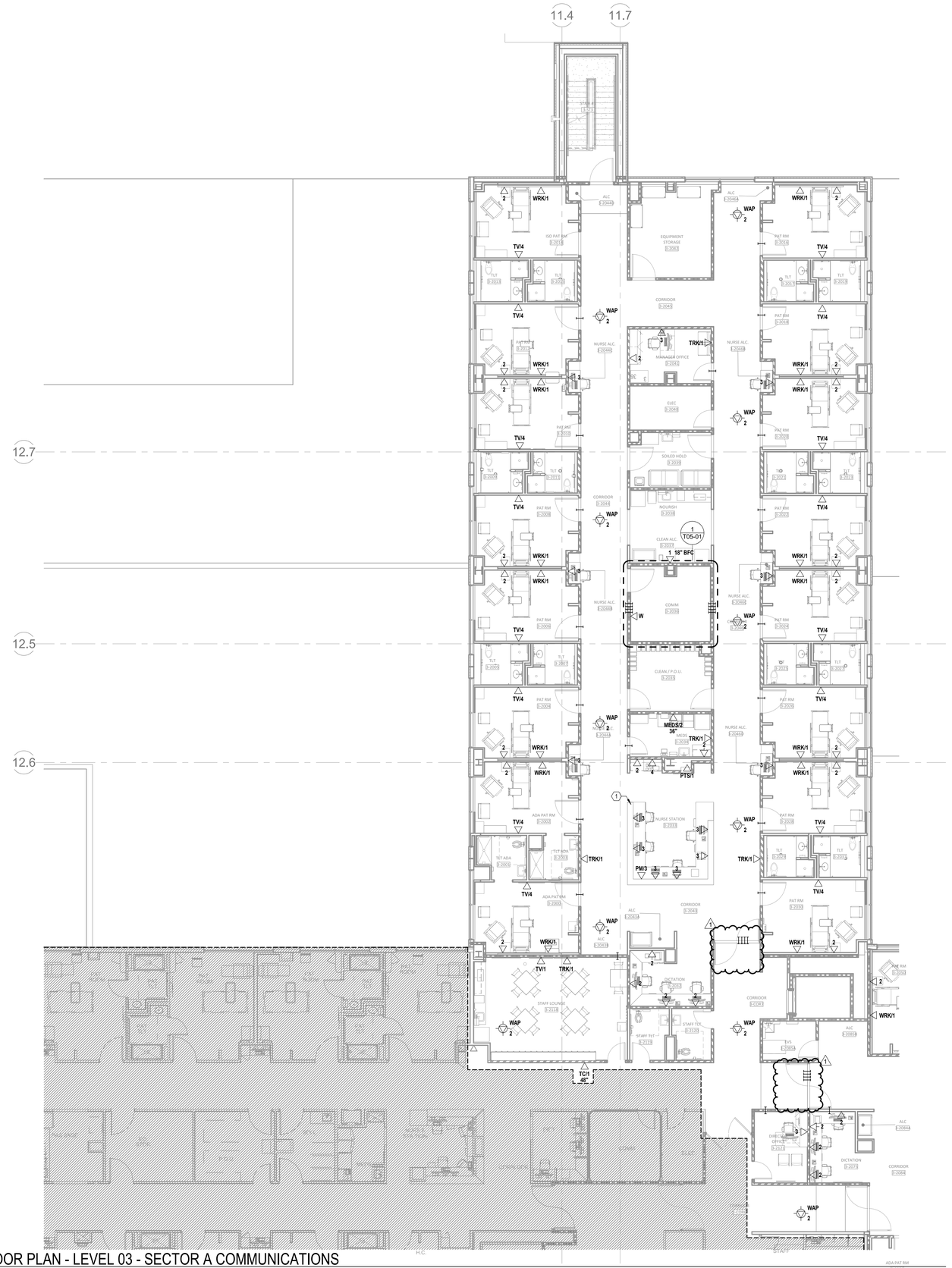


1 FLOOR PLAN - LEVEL 03 - SECTOR A COMMUNICATIONS
1/8" = 1'-0"

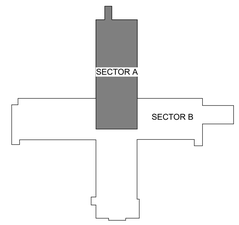
GENERAL NOTES:

A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL DEVICES.
B. REFER TO SHEET T00-00 FOR GENERAL NOTES AND SYMBOLS APPEARING ON THIS SHEET.
C. ALL DEVICES WITHIN ROOMS CONTAINING HARD PAN CEILINGS SHALL HAVE CONDUITS ROUTED TO ABOVE ACCESSIBLE CEILING SPACE IN CORRIDOR.
D. COMMUNICATIONS CONDUIT PATHWAYS SHALL NOT CONTAIN ANY LENGTH GREATER THAN 100 FEET BETWEEN PULL POINTS. NO SECTION OF CONDUIT SHALL CONTAIN MORE THAN TWO 90-DEGREE BENDS, OR EQUIVALENT, BETWEEN PULL POINTS. IF THERE IS REVERSE BEND IN THE SECTION, A PULL POINT SHALL BE INSTALLED. PULL BOXES SHALL NOT BE USED IN LIEU OF BENDS. THE INSIDE RADIUS OF ALL CONDUIT BENDS SHALL BE AT LEAST 10 TIMES THE INTERNAL DIAMETER. BENDS IN CONDUIT SHALL NOT CONTAIN ANY KINKS OR OTHER DISCONTINUITIES THAT MAY HAVE A DETRIMENTAL EFFECT ON THE CABLE SHEATH DURING INSTALLATION. NO DAISY CHAINING OF BACK BOXES ALLOWED UNLESS OTHERWISE NOTED.
E. ALL CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING SPACE USING LOW-VOLTAGE SUPPORTS SIZED AT 40% FILL BASED ON CURRENT NEEDS.
F. ALL CABLING SHALL ORIGINATE FROM NEW COMM RM 3-2036.

(#) LEGEND NOTES

1. PROVIDE (1) 2" AND (1) 1" EMT CONDUIT PATHWAY FROM WITHIN THE MILLWORK TO ABOVE ACCESSIBLE CEILING SPACE. CONDUIT PATHWAY SHALL NOT CONSIST OF FLEXIBLE CONDUIT. EMPTY CONDUIT PATHWAY SHALL CONTAIN A PULL STRING.

LEVEL 3 - KEY PLAN



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Consultant:

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MINDY SUSAN WHEELER
NUMBER PE-2017008128
PROFESSIONAL ENGINEER
07/11/2025
WSP USA Buildings Inc. 2013001681

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INPATIENT BED 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:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE
1	DESIGN COORDINATION	2025/06/06

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

FLOOR PLAN - LEVEL 03 - SECTOR A COMMUNICATIONS

T02-03A

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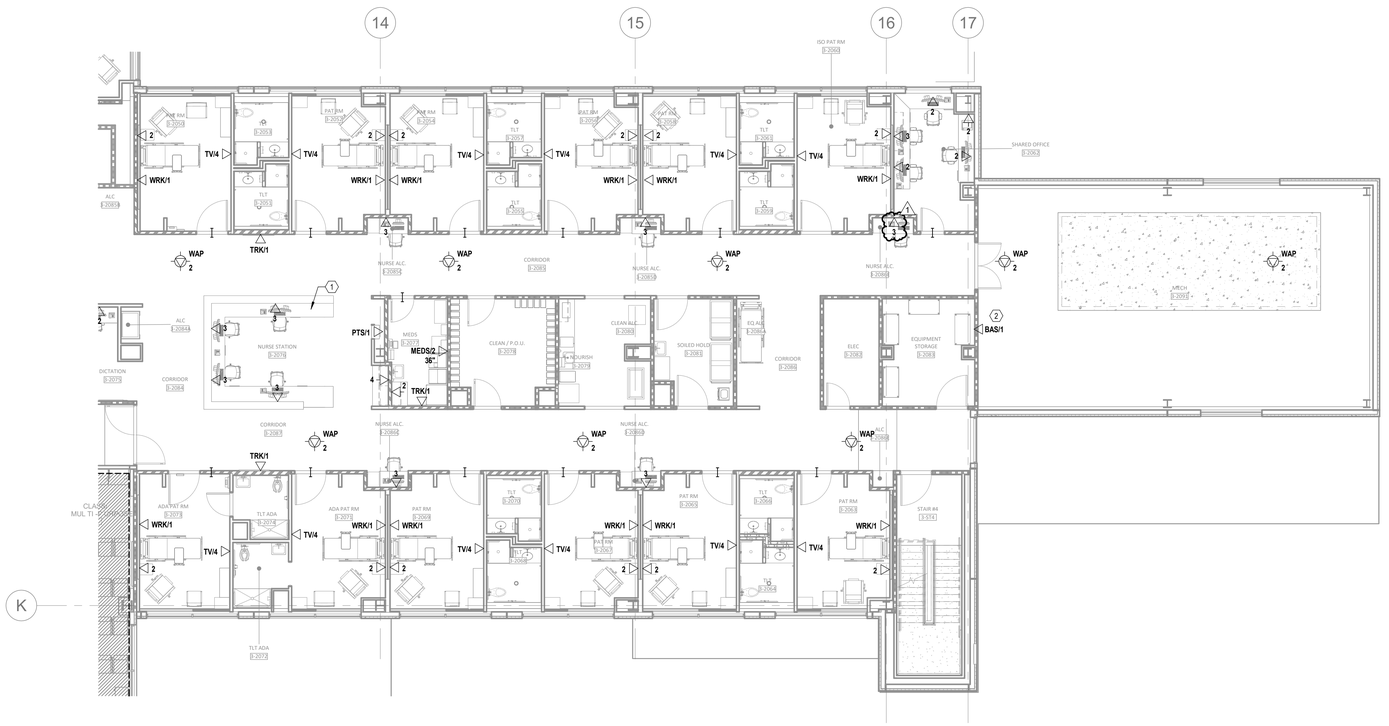
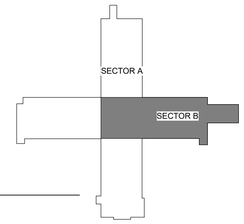
LEGEND NOTES

1. PROVIDE (1) 2" AND (1) 1" EMT CONDUIT PATHWAY FROM WITHIN THE MILLWORK TO ABOVE ACCESSIBLE CEILING SPACE. CONDUIT PATHWAY SHALL NOT CONSIST OF FLEXIBLE CONDUIT. EMPTY CONDUIT PATHWAY SHALL CONTAIN A PULL STRING.
2. PROVIDE NETWORK OUTLET FOR BAS SYSTEM EQUIPMENT AT THIS APPROXIMATE LOCATION. COORDINATE EXACT PLACEMENT OF OUTLET WITH SYSTEM INSTALLATION VENDOR PRIOR TO ROUGH IN. CABLING SHALL BE ROUTED WITHIN CONDUIT PATHWAY FROM ACCESSIBLE CEILING SPACE WITHIN CORRIDOR TO BAS PANEL. CABLING SHALL ORIGINATE FROM NEAREST IDF ROOM.



1 FLOOR PLAN - LEVEL 03 - SECTOR B COMMUNICATIONS
1/8" = 1'-0"

LEVEL 3 - KEY PLAN



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AGENCY APPROVALS:

REVISIONS		
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REVIEWED:	Checker
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FLOOR PLAN - LEVEL 03 - SECTOR B COMMUNICATIONS

T02-03B

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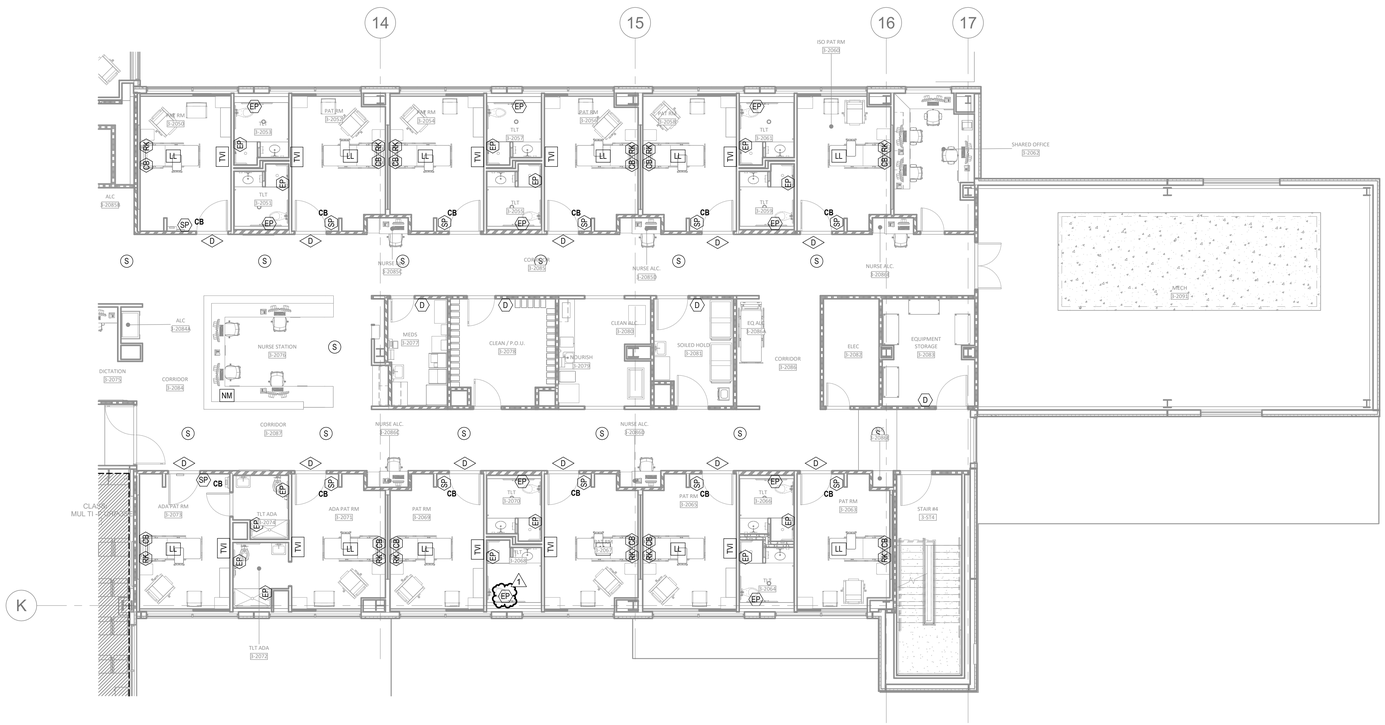
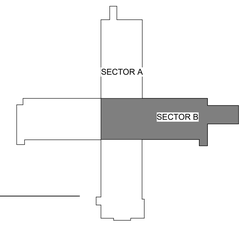
E. ALL CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING SPACE USING LOW-VOLTAGE SUPPORTS SIZED AT 40% FILL BASED ON CURRENT NEEDS.
F. ALL OVERHEAD PAGING SPEAKERS SHOWN SHALL BE DAISY-CHAINED USING PUBLIC ADDRESS CALL CABLE TYPE 'S'.
G. CONTRACTOR SHALL SIZE PAGING AMPLIFIER TO PROVIDE A 40% GROWTH RATE AT TIME OF INSTALLATION. OVERHEAD PAGING EQUIPMENT WILL BE HOUSED IN ONE IDF ROOM PER FLOOR AS NOTED PER ENLARGED FLOOR PLANS.
H. CONTRACTOR SHALL LABEL BOTH ENDS OF NURSE CALL CABLE TO CLEARLY IDENTIFY WHAT ROOM/SPACE & DEVICE EACH CABLE IS ASSOCIATED WITH.
I. CONTRACTOR SHALL LEAVE A MINIMUM OF 18 INCHES OF SLACK AT ALL WALL MOUNTED NURSE CALL DEVICES, 15 FEET AT ALL CEILING MOUNTED NURSE CALL DEVICES, AND 25 FEET OF SLACK AT TE NURSE CALL HEADEND PANEL/NETWORK SWITCH LOCATION.



1 FLOOR PLAN - LEVEL 03 - SECTOR B LOW VOLTAGE
1/8" = 1'-0"

LEVEL 3 - KEY PLAN



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wsp

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FLOOR PLAN - LEVEL 03 - SECTOR B LOW VOLTAGE

T03-03B

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