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	DATE:
HCA PROJECT NO.	0972400009	2024/12/05

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CITY & STATE - 1ST REVIEW

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NUMBER
A-20210025349

DATE SIGNED: 12.05.24

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GENERAL INFORMATION

SHEET NUMBER	SHEET NAME	
GI000	COVER SHEET	X
GI001	SHEET INDEX	X
GI101	PROJECT INFORMATION, AREA MAPS, SYMBOLS	X

CIVIL

SHEET NUMBER	SHEET NAME	
C0.0	COVER SHEET	X
C1.0	EXISTING CONDITIONS	X
C2.0	GENERAL NOTES	X
C3.0	INITIAL EROSION CONTROL PLAN	X
C3.1	FINAL EROSION CONTROL PLAN	X
C3.2	SEDIMENT AND EROSION CONTROL DETAILS	X
C3.3	SEDIMENT AND EROSION CONTROL DETAILS	X
C4.0	OVERALL DEMOLITION PLAN	X
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C4.2	DETAILED DEMOLITION PLAN	X
C5.0	OVERALL LAYOUT PLAN	X
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C6.2	DETAILED GRADING & DRAINAGE PLAN	X
C6.3	DETENTION BASIN DETAILS	X
C6.4	PEDESTRIAN BRIDGE PLAN & PROFILE	X
C7.0	OVERALL UTILITY PLAN	X
C7.1	DETAILED UTILITY PLAN	X
C8.0	SITE DETAILS	X
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C8.2	SITE DETAILS	X

LANDSCAPE

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L1.2	DETAILED LANDSCAPE PLAN	X
L2.0	LANDSCAPE DETAILS	X

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S012	STRUCTURAL NOTES	X
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S120	PEDESTRIAN BRIDGE FOUNDATION AND FRAMING PLANS	X
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S122	LEVEL 2 FRAMING PLAN	X
S123A	LEVEL 3 FRAMING PLAN - SECTOR A	X
S123B	LEVEL 3 FRAMING PLAN - SECTOR B	X
S124A	ROOF FRAMING PLAN - SECTOR A	X
S124B	ROOF FRAMING PLAN - SECTOR B	X
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S211	PEDESTRIAN BRIDGE STRUCTURAL SECTIONS AND DETAILS	X
S301	TYPICAL COMPOSITE STEEL FRAMING SECTIONS AND DETAILS	X
S302	TYPICAL STEEL FRAMING SECTIONS AND DETAILS	X
S303	TYPICAL STEEL ROOF FRAMING SECTIONS AND DETAILS	X
S401	TYPICAL VERTICAL TRANSPORTATION SYSTEMS SECTIONS AND DETAILS	X
S501	COLUMN SECTIONS AND DETAILS	X
S601	MOMENT FRAME SECTIONS AND DETAILS	X

ARCHITECTURAL LIFESAFETY

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AC103	LIFE SAFETY FLOOR PLAN – LEVEL 3	X
AC501	PARTITION TYPES & DETAILS	X
AC521	TYPICAL MOUNTING HEIGHTS	X
AC522	TYPICAL MOUNTING HEIGHTS	X
AC523	TYPICAL MOUNTING HEIGHTS	X

ARCHITECTURAL DEMOLITION

SHEET NUMBER	SHEET NAME	
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AD103	DEMOLITION PLAN - LEVEL 3	X
AD104	DEMOLITION PLAN - ROOF	X
AD171	DEMOLITION RCP - LEVEL 1	X
AD173	DEMOLITION RCP - LEVEL 3	X

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AE111	OVERALL ROOF PLAN	X
AE121A	DIMENSION FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING	X
AE123A	DIMENSION FLOOR PLAN - LEVEL 3 - SECTOR A - MEDSURG	X
AE123B	DIMENSION FLOOR PLAN - LEVEL 3 - SECTOR B - MEDSURG	X
AE131A	ANNOTATION FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING	X
AE133A	ANNOTATION FLOOR PLAN - LEVELS 2 & 3 - SECTOR A - MEDSURG	X
AE133B	ANNOTATION FLOOR PLAN - LEVEL 3 - SECTOR B - MEDSURG	X
AE141	OVERALL EDGE-OF-SLAB - LEVEL 1	X
AE143	OVERALL EDGE-OF-SLAB - LEVEL 3	X
AE144	OVERALL EDGE-OF-SLAB - LEVEL 4	X
AE181A	REFLECTED CEILING PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING	X
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
AE183B	REFLECTED CEILING PLAN - LEVEL 3 - SECTOR B - MEDSURG	X
AE201	EXTERIOR BUILDING ELEVATIONS - DIETARY	X
AE202	EXTERIOR BUILDING ELEVATIONS - MED/SURG	X
AE203	EXTERIOR BUILDING ELEVATIONS - MED/SURG	X
AE301	BUILDING SECTIONS - DIETARY	X
AE302	BUILDING SECTIONS - MED/SURG	X
AE303	BUILDING SECTIONS - MED/SURG	X
AE311	EXTERIOR WALL SECTIONS - DIETARY	X
AE312	EXTERIOR WALL SECTIONS - MED/SURG	X
AE331	INTERIOR SHAFT WALL SECTIONS & DETAILS	X
AE361	STAIR WALL SECTIONS	X
AE401	ENLARGED FLOOR PLANS - LEVEL 3 - MED SURG	X
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
AE502	EXTERIOR WALL DETAILS - MED/SURG	X
AE531	EXTERIOR ROOF DETAILS	X
AE532	EXTERIOR ROOF DETAILS	X
AE533	EXTERIOR ROOF DETAILS	X
AE601	DOOR SCHEDULES - LEVEL 1 - DIETARY	X
AE602	DOOR SCHEDULES - LEVEL 3 - MED/SURG	X
AE621	EXTERIOR & INTERIOR DOOR DETAILS	X
AE651	WINDOW SCHEDULES, ELEVATIONS & DETAILS	X
AE671	EXTERIOR WINDOW, LOUVER & BRICK SILL DETAILS	X
AE673	EXTERIOR WINDOW DETAILS	X
AE701	INTERIOR DETAILS	X
AE720	CEILING DETAILS	X
AE740	CASEWORK DETAILS & LEGEND	X
AE741	MILLWORK DETAILS	X
AE760	STAIR DETAILS	X

INTERIORS

SHEET NUMBER	SHEET NAME	
AF001	GENERAL FINISH SPECIFICATIONS AND NOTES	X
AF002	GENERAL FINISH SPECIFICATIONS AND NOTES	X
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
AF102	WALL PROTECTION PLAN - LEVEL 1	X
AF103	FLOOR PATTERN PLAN - LEVEL 1	X
AF104	FURNITURE PLAN - LEVEL 1	X
AF105	SIGNAGE PLAN - LEVEL 1	X
AF301	OVERALL FLOOR PLAN - LEVEL 3 MED SURG	X
AF301A	FINISH FLOOR PLAN - LEVEL 3 - SECTOR A -(16) BED UNIT	X
AF301B	FINISH FLOOR PLAN - LEVEL 3 SECTOR B - (12) BED UNIT	X
AF302A	WALL PROTECTION PLAN - LEVEL 3 SECTOR A (16) BED UNIT	X
AF302B	WALL PROTECTION PLAN - LEVEL 3 SECTOR B (12) BED UNIT	X
AF303A	FLOOR PATTERN PLAN - LEVEL 3 - SECTOR A - (16) BED UNIT	X
AF303B	FLOOR PATTERN PLAN - LEVEL 3 - SECTOR B - (12) BED UNIT	X
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

SHEET NUMBER	SHEET NAME	
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
PD02-03B	DEMOLITION PLAN - LEVEL 03 - SECTOR B - PLUMBING	X
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
P02-01	FLOOR PLAN - LEVEL 01 - SECTOR A - KITCHEN,SERVERY & DINING - PLUMBING	X
P02-02A	FLOOR PLAN - LEVEL 02 - SECTOR A - PLUMBING	X
P02-02B	FLOOR PLAN - LEVEL 02- SECTOR B - PLUMBING	X
P02-03A	FLOOR PLAN - LEVEL 03 - SECTOR A - PLUMBING	X
P02-03B	FLOOR PLAN - LEVEL 03 - SECTOR B - PLUMBING	X
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

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MECHANICAL

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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
MD02-03B	DEMOLITION PLAN - LEVEL 03 - SECTOR B HVAC	X
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
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
M02-03B	FLOOR PLAN - LEVEL 03 - SECTOR B HVAC	X
M03-01	FLOOR PLAN - LEVEL 01 - KITCHEN, SERVERY & DINING - HVAC PIPING	X
M03-03A	FLOOR PLAN - LEVEL 03 - SECTOR A HVAC PIPING	X
M03-M03B	FLOOR PLAN - LEVEL 03 - SECTOR B HVAC PIPING	X
M05-01	ENLARGED PLAN - MECHANICAL	X
M06-01	RISER DIAGRAM - MECHANICAL	X
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
M08-02	SCHEDULES - MECHANICAL	X
M08-03	SCHEDULES - MECHANICAL	X
M08-04	SCHEDULES - MECHANICAL	X

MEP

SHEET NUMBER	SHEET NAME	
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MEP01-01	SITE PLAN - UNDERGROUND - MEP	X
MEP02-02D	ROOF PLAN - AREA D - MEP	X
MEP02-03	ATTACHED MOB ROOF PLAN - MEP	X
MEP02-04A	ROOF PLAN - AREA A - MEP	X
MEP02-04B	ROOF PLAN - AREA B - MEP	X

ELECTRICAL

SHEET NUMBER	SHEET NAME	
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
E01-02	SITE PLAN - ELECTRICAL	X
E02-01	FLOOR PLAN - LEVEL 01 SECTOR A - KITCHEN, SERVERY & DINING - POWER	X
E02-03A	FLOOR PLAN - LEVEL 03 - SECTOR A POWER	X
E02-03B	FLOOR PLAN - LEVEL 03 - SECTOR B POWER	X
E03-01	FLOOR PLAN - LEVEL 01 - SECTOR A - KITCHEN, SERVERY & DINING - LIGHTING	X
E03-03A	FLOOR PLAN - LEVEL 03 - SECTOR A LIGHTING	X
E03-03B	FLOOR PLAN - LEVEL 03 - SECTOR B LIGHTING	X
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
E04-03B	FLOOR PLAN - LEVEL 03 - SECTOR B SPECIAL SYSTEMS	X
E05-01	ENLARGED PLANS - ELECTRICAL	X
E05-02	ENLARGED PLANS - ELECTRICAL	X
E06-01	ONE LINE DIAGRAM - ELECTRICAL	X
E06-02	ONE LINE DIAGRAM - ELECTRICAL	X
E06-03	ONE LINE DIAGRAM - ELECTRICAL	X
E06-04	DEMO ONE LINE DIAGRAM - ELECTRICAL	X
E06-05	ONE LINE DIAGRAM - ELECTRICAL	X
E07-01	DETAILS - ELECTRICAL	X
E07-02	DETAIL - ELECTRICAL	X
E07-03	DETAILS - ELECTRICAL	X
E08-01	SCHEDULES - ELECTRICAL	X
E08-02	SCHEDULES - ELECTRICAL	X
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E08-04	SCHEDULES - ELECTRICAL	X
E08-05	SCHEDULES - ELECTRICAL	X
E08-06	SCHEDULES - ELECTRICAL	X

TECHNOLOGIES

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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
T02-03B	FLOOR PLAN - LEVEL 03 - SECTOR B COMMUNICATIONS	X
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
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
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NP1.3.1	LEVEL 3 NEOPODWALL FLOOR PLAN	F
NP1.3.2	LEVEL 3 NEOPODWALL AXON	F
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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
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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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NS.G1.01	SITE PREPARATION REQUIREMENTS	F
NS.G1.02	INSTALL & CONNECTION REQUIREMENT BATHROOMS & HEADWALLS	F
NS.G1.03	INSTALL CONNECTION REQUIREMENTS PANELIZED MODULES / NEOPODWALLS	F

VENDOR (JOHNSON-LANCASTER)

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K-1.1	EQUIPMENT PLAN	F
K-1.2	ARCHITECTURAL DIMENSIONS PLAN	F
K-1.3	SLAB PENETRATION PLUMBING PLAN	F
K-1.4	ROUGH-IN PLUMBING PLAN	F
K-1.5	SLAB PENETRATION ELECTRICAL PLAN	F
K-1.6	ROUGH-IN ELECTRICAL PLAN	F
K-1.7	SLAB PENETRATION SPECIAL CONDITIONS PLAN	F
K-1.8	ROUGH-IN SPECIAL CONDITIONS PLAN	F
K-1.9	REFRIGERATION/VENTILATION PLAN	F
K-1.10	MECHANICAL SCHEDULES	F
K-1.11	MECHANICAL NOTES	F
K-1.12	DETAILS	F
K-1.13	RESPONSIBILITY MATRIX	F

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MED SURG & DIETARY EXPANSION

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AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

SHEET INDEX

GI001

12/16/2024 7:09:09 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt

LEVEL 1 PLUMBING FIXTURE REQUIREMENTS

CLASSIFICATION	OCCUPANCY	DESCRIPTION	WATER CLOSETS		LAVATORIES		BATHTUBS OR SHOWERS	DRINKING FOUNTAINS	OTHER
			MALE	FEMALE	MALE	FEMALE			
BUSINESS	B	BUSINESS OPERATIONS (B OCCUPANCY)	1 PER 25 FOR FIRST 50 & 1 PER 50 FOR REMAINING	1 PER 25 FOR FIRST 50 & 1 PER 50 FOR REMAINING	1 PER 40 FOR FIRST 80 & 1 PER 80 FOR REMAINING	1 PER 40 FOR FIRST 80 & 1 PER 80 FOR REMAINING	N/A	1 PER 100	1 SERVICE SINK
	REQUIRED		4	5	3	3		4	
	PROVIDED		**9**		**6**		**-**	**4.00**	**2**

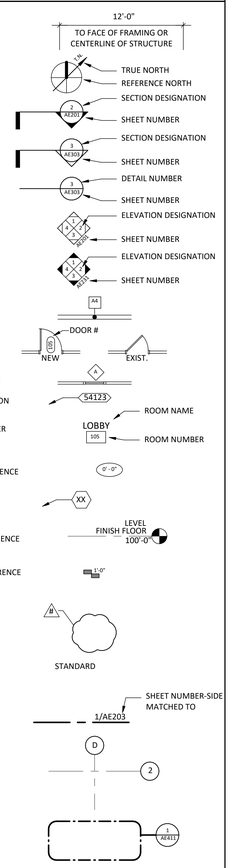
NOTES:
*TOTAL OCCUPANTS FOR LEVEL 1 ADDITION IS 303 OCCUPANTS. REFER TO SHEET AC101 FOR ADDITIONAL INFORMATION ON OCCUPANT LOAD CALCULATIONS.
1. TOILET FACILITIES FOR EMPLOYEES SHALL BE SEPARATE FROM FACILITIES FOR INMATES OR CARE RECIPIENTS
2. THE OCCUPANT LOAD FOR SEASONAL OUTDOOR SEATING AND ENTERTAINMENT AREAS SHALL BE INCLUDED WHEN DETERMINING THE MINIMUM NUMBER OF FACILITIES REQUIRED

LEVEL 3 PLUMBING FIXTURE REQUIREMENTS

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

NOTES:
*TOTAL OCCUPANTS FOR LEVEL 3 ADDITION IS 129 OCCUPANTS. REFER TO SHEET AC103 FOR ADDITIONAL INFORMATION ON OCCUPANT LOAD CALCULATIONS.
1. TOILET FACILITIES FOR EMPLOYEES SHALL BE SEPARATE FROM FACILITIES FOR INMATES OR CARE RECIPIENTS
2. THE OCCUPANT LOAD FOR SEASONAL OUTDOOR SEATING AND ENTERTAINMENT AREAS SHALL BE INCLUDED WHEN DETERMINING THE MINIMUM NUMBER OF FACILITIES REQUIRED

PROJECT SYMBOLS



PROJECT GENERAL NOTES

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

DISCLAIMER

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

VICINITY MAP

DEFERRED SUBMITTALS

- FIRE/SMOKE ALARM DESIGN AND ENGINEERING
- STAIR DESIGN AND ENGINEERING
- FIRE SUPPRESSION DESIGN AND ENGINEERING
- STOREFRONT DESIGN AND ENGINEERING
- KITCHEN FIRE SUPPRESSION SYSTEM
- WALK-IN COOLER DESIGN AND ENGINEERING
- QUICKFRAME ADJUSTABLE ROOF FRAME DESIGN AND ENGINEERING
- SPRAY APPLIED FIRE PROOFING DESIGN AND ENGINEERING
- FIRE RESISTANT JOINT SYSTEM DESIGN AND ENGINEERING
- PREFABRICATED EXTERIOR WALL PANEL SYSTEM DESIGN AND ENGINEERING
- EXTERIOR SIGNAGE DESIGN AND ENGINEERING
- INTERIOR SIGNAGE DESIGN AND ENGINEERING
- LIGHT GAGE METAL STUD FRAMING DESIGN AND ENGINEERING

PROJECT DATA

PROJECT NAME	HCA - LEE'S SUMMIT MEDICAL CENTER - INPATIENT BED EXPANSION
ADDRESS	2100 SE BLUE PKWAY LEE'S SUMMIT, MO 64063
BRIEF PROJECT DESCRIPTION	THIS PROJECT INCLUDES THE FOLLOWING COMPONENTS: •LEVEL 1: - KITCHEN, SERVERY AND DINING EXPANSION AND RENOVATION, INCLUDING A NEW OUTDOOR SEATING AREA •LEVEL 3: - 28-BED MED/SURG/TELE PATIENT UNIT EXPANSION AND RENOVATION OF EXISTING UNIT
Building Information (HOSPITAL)	
OVERALL BUILDING HEIGHT	3 STORIES (EXISTING) 45 FEET
OVERALL BUILDING AREA (GROSS)	**133,946 SF (EXISTING)**
PROJECT SCOPE AREAS (GROSS)	**LEVEL 1: KITCHEN, SERVERY & DINING**
	1,843 SF ADDITION; 4,521 SF RENOVATION
	LEVEL 3: MED/SURG
	18,561 SF ADDITION; 1,838 SF RENOVATION
TOTAL BUILDING AREA (GROSS)	**154,350 (SF)**
CONSTRUCTION TYPE	IB
Fire Sprinklers	Full Per NFPA 13
Fire Alarms	Provided
Emergency Lighting	Provided
Fire Resistance Rating Requirements for Building Elements	
Building Element	TYPE IB CONSTRUCTION (HOSPITAL & MOB I)
Primary Structural Frame	2a,b Hour
Bearing walls: Exterior	2 Hour
Bearing walls: Interior	2a Hour
Nonbearing walls and partitions: Exterior	Varies by distance from property line. See IBC table 602.
: Nonbearing walls and partitions: Interior	0 Hours
Floor construction and associated secondary members	2 Hour
Roof construction and associated secondary members	1b,c Hour
Governing Codes (Local)	**Life Safety, Building Code, & Accessibility Review - City of Lee's Summit, MO**
	2018 International Building Code.
	2017 National Electrical Code.
	2018 International Mechanical Code.
	2018 International Plumbing Code.
	2018 Fuel Gas Code.
	2018 International Fire Code.
	ICC/ANSI A117.1-2009, Accessible and Usable Buildings and Facilities
Governing Codes (Jurisdictional)	**Missouri Dept. of Health and Senior Services**
	2014 Guidelines for Design and Construction of Health Care Facilities
	The following 2012 National Fire Codes (NFPA)
	a. NFPA 70 National Electrical Code
	b. NFPA 101 Life Safety Code
	c. 2012 Supplements

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002549

DATE SIGNED: 12.05.24

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.

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

DATE:	2024/12/05
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PROJECT INFORMATION, AREA MAPS, SYMBOLS

GI101

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CONSTRUCTION DOCUMENTS

HCA - LEE'S SUMMIT MEDICAL CENTER

LEE'S SUMMIT, JACKSON COUNTY COUNTY, MO

CATALYST PROJECT NO. 20240037
DECEMBER 5, 2024

SITE DATA

TAX MAP:	60
PARCEL ID.:	60-420-99-15-00-0-00-000
SITE ADDRESS:	2000 SHENANDOAH DRIVE LEE'S SUMMIT, MO 64063
SITE ACREAGE:	24.48 AC. (1,066,349 FT²)
EXISTING ZONING:	CP-2
PROPOSED USE:	HOSPITAL

IMPERVIOUS SURFACE AREA

BUILDINGS:	0.04 AC. (1,766 FT²)
DRIVES/SIDEWALKS:	0.94 AC. (40,787 FT²)
TOTAL PROPOSED IMPERVIOUS AREA:	0.98 AC. (42,553 FT²)

PARKING SUMMARY

PARKING REQUIRED:	
HOSPITAL:	1.8 SPACES / BED
MOB:	5 SPACES / 1,000SF
PROPOSED 26 BED FACILITY:	1.8 SPACES / BED

LEE'S SUMMIT MEDICAL CENTER

COMPONENT	EXISTING PARKING	DISPLACED PARKING	ADDED PARKING	ACTUAL PARKING	CODE REQUIRED PARKING
EXISTING (88 BEDS + 122,799 SF OF MOB'S	752	0	0	752	773
PROPOSED PROJECT - (26 BED ADD/TOTAL 114 BEDS	752	2	75	825	820

TOTAL PARKING REQUIRED:	
88 BEDS X 1.8 SPACES =	159 SPACES REQUIRED
(122,799 SF OF MOB'S / 1,000SF) X 5 =	614 SPACES REQUIRED
26 BEDS X 1.8 SPACES =	47 SPACES REQUIRED
TOTAL REQUIRED:	820 SPACES REQUIRED
EXISTING PARKING:	752 SPACES

PARKING PROVIDED:	
STANDARD PARKING:	795 SPACES
ADA PARKING:	35 SPACES
TOTAL PROVIDED PARKING:	825 SPACES

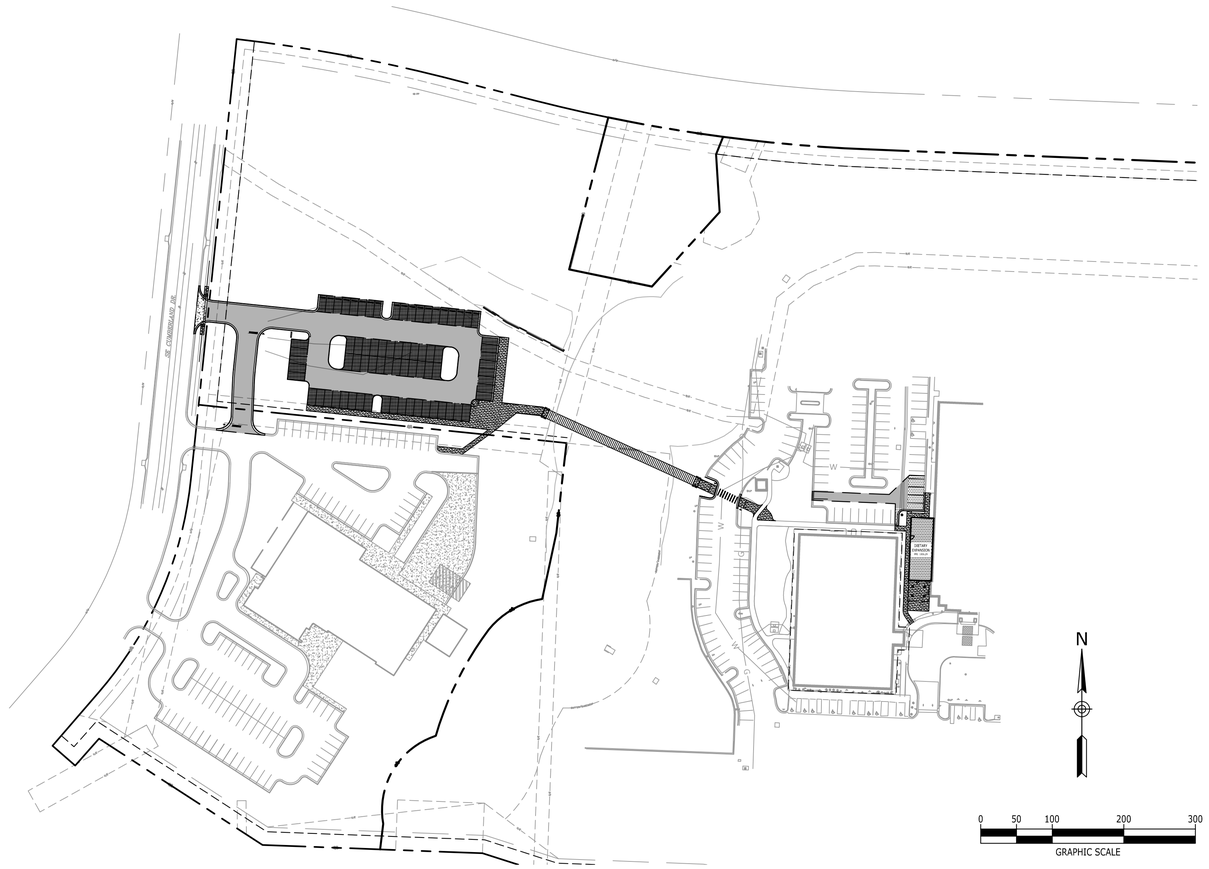
THE 30 EXISTING ADA SPACES EXCEED THE ADA PARKING REQUIREMENT (17 ADA SPACES) WITH THE REMOTE PARKING LOT ADDITION.

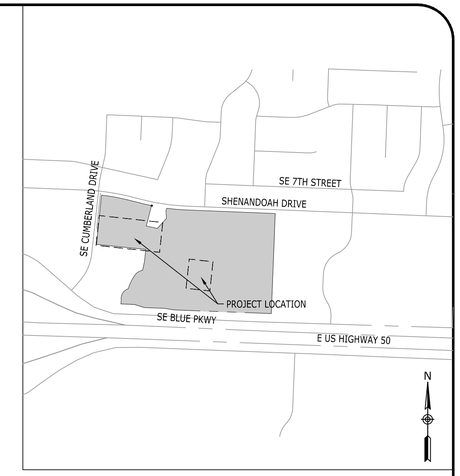
OWNER:	MIDWEST DIVISION LSH LLC
ADDRESS:	PO BOX 80610 INDIANAPOLIS, IN 46280
PROJECT REPRESENTATIVE:	CATALYST DESIGN GROUP
ADDRESS:	1524 WILLIAMS DRIVE MURFREESBORO, TN 37129
PHONE NO.:	615-701-6411
CONTACT NAME:	JACK PARKER
CONTACT E-MAIL ADDRESS:	jparker@catalyst-dg.com

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

LEGAL DESCRIPTION:

A TRACT OF LAND IN THE NORTHWEST QUARTER OD SECTION 36, TOWNSHIP 48, RANGE 32 IN THE CITY OD LEE'S SUMMIT, JACKSON COUNTY, MISSOURI MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT THE SOUTHEAST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 36; THENCE NORTH 86 DEGREES 19 MINUTES 41 SECONDS WEST, ALONG THE SOUTH LINE OF SAID NORTHWEST QUARTER OD SAID SECTION 36, 310.15 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF OLD MISSOURI HIGHWAY 50, SAID POINT BEING THE TRUE POINT OF BEGINNING; THENCE CONTINUING ALONG A PROLONGATION OF THE LAST DESCRIBED COURSE, 225.49 FEET TO A PONT ON THE EASTERLY RIGHT-OF-WAY LINE OF RELOCATED MISSOURI HIGHWAY 50; THENCE NORTHEASTERLY ALONG A CURVE TO THE LEFT, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, HAVING A RADIAL BEARING OF NORTH 74 DEGREES 59 MINUTES 09 SECONDS WEST AND A RADIUS OF 1104.93 FEET AN ARC DISTANCE OF 140.47 FEET, SAID POINT BEING 150.00 FEET EASTERLY FROM STA. 11+26.6 ON RAMP 8 ON SAID RELOCATED MISSOURI HIGHWAY 50, AS MEASURED PERPENDICULAR THERETO; THENCE NORTH 7 DEGREES 43 MINUTES 49 SECONDS EAST, PARALLEL WITH SAID RAMP 8AND ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 180.60 FEET TO A POINT 150.00 FEET RIGHT OF STA 13+07.20 ON SAID RAMP 8, AS MEASURED PERPENDICULAR THERETO; THENCE NORTHEASTERLY ALONG A CURVE TO THE RIGHT, ALONG SAID EASTERLY RIGHT-OF-WAY LINE HAVING A RADIAL BEARING OF SOUTH 82 DEGREES 16 MINUTES 11 SECONDS EAST AND A RADIUS OF 613.94 FEET AN ARC DISTANCE OF 23.99 FEET TO A POINT 150.00 FEET RIGHT OF STA 13+37.05 ON SAID RAMP 8, AS MEASURED PERPENDICULAR THERETO; THENCE NORTH 77 DEGREES 07 MINUTES 26 SECONDS EAST, ALONG THE SOUTHERLY RIGHT-OF-WAY LINE OF INTERSTATE ROUTE 470, 61.96 FEET (60.9 FEET RECORD) TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF OLD MISSOURI HIGHWAY 50, SAID POINT BEING 90.00 FEET RIGHT OF STA 540+50.00 AS MEASURED PERPENDICULAR THERETO; THENCE SOUTH 16 DEGREES 28 MINUTES 19 SECONDS EAST ALONG SAID WESTERLY RIGHT-OF-WAY LINE, 384.30 FEET TO THE TRUE POINT OF BEGINNING.





VICINITY MAP
NOT TO SCALE

Sheet List Table	
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C0.0	COVER SHEET
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C2.0	GENERAL NOTES
C3.0	INITIAL EROSION CONTROL PLAN
C3.1	FINAL EROSION CONTROL PLAN
C3.2	SEDIMENT AND EROSION CONTROL DETAILS
C3.3	SEDIMENT AND EROSION CONTROL DETAILS
C4.0	OVERALL DEMOLITION PLAN
C4.1	DETAILED DEMOLITION PLAN
C4.2	DETAILED DEMOLITION PLAN
C5.0	OVERALL LAYOUT PLAN
C5.1	DETAILED LAYOUT PLAN
C5.2	DETAILED LAYOUT PLAN
C6.0	OVERALL GRADING & DRAINAGE PLAN
C6.1	DETAILED GRADING & DRAINAGE PLAN
C6.2	DETAILED GRADING & DRAINAGE PLAN
C6.3	DETENTION BASIN DETAILS
C6.4	PEDESTRIAN BRIDGE PLAN & PROFILE
C7.0	OVERALL UTILITY PLAN
C7.1	DETAILED UTILITY PLAN
C8.0	SITE DETAILS
C8.1	SITE DETAILS
L1.0	OVERALL LANDSCAPE PLAN
L1.1	DETAILED LANDSCAPE PLAN
L1.2	DETAILED LANDSCAPE PLAN
L2.0	LANDSCAPE DETAILS

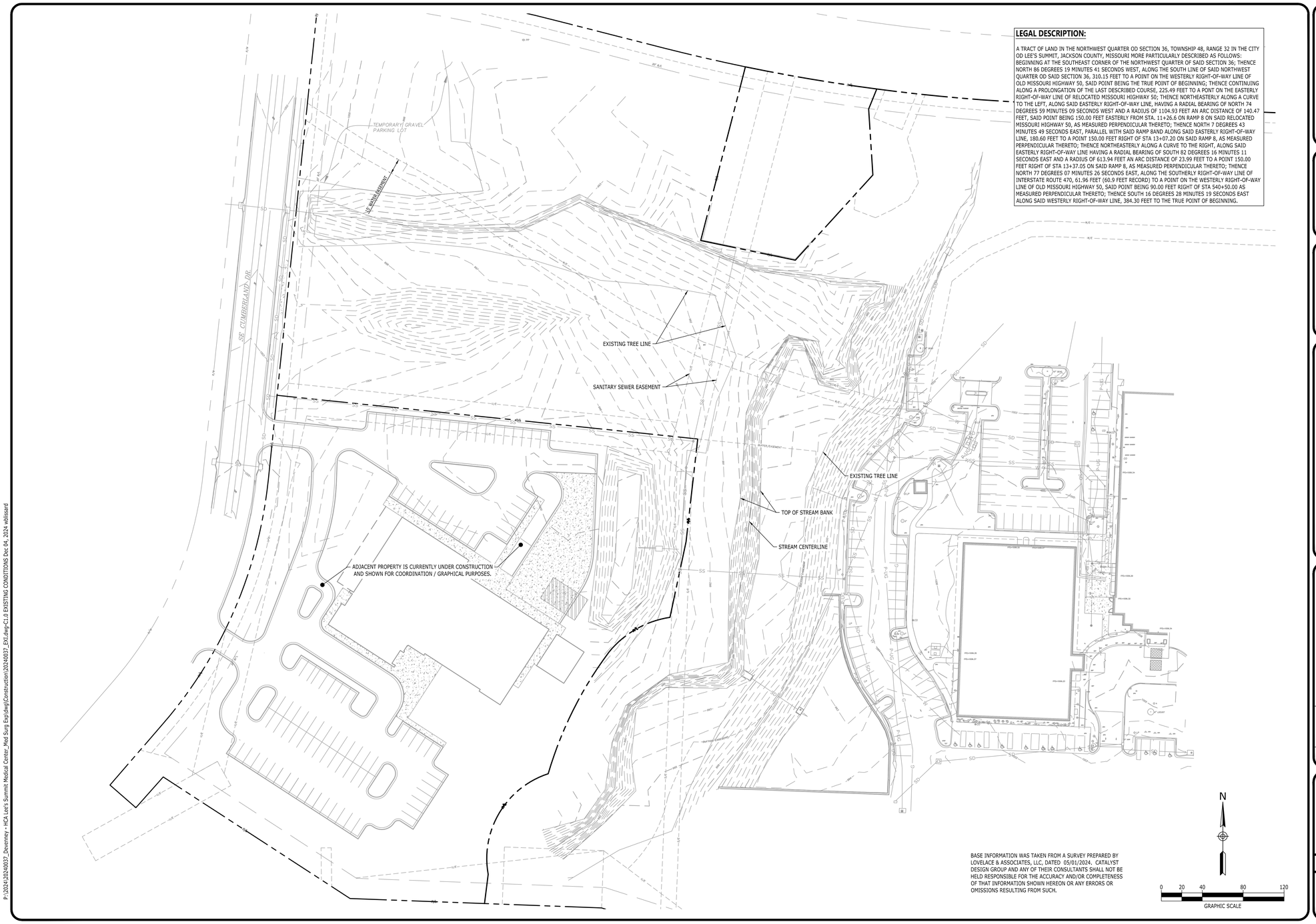
ARCHITECT
DEVENNEY GROUP LTD., ARCHITECTS
6900 EAST CAMELBACK ROAD, SUITE 500
SCOTTSDALE, AZ 85251
602-943-8950

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

CIVIL ENGINEER/LANDSCAPE ARCHITECT
Catalyst DESIGN GROUP
1524 WILLIAMS DRIVE SUITE 201
MURFREESBORO, TN 37129
(615) 622-7200

COVER SHEET

C0.0



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BASE INFORMATION WAS TAKEN FROM A SURVEY PREPARED BY LOVELACE & ASSOCIATES, LLC, DATED 05/01/2024. CATALYST DESIGN GROUP AND ANY OF THEIR CONSULTANTS SHALL NOT BE HELD RESPONSIBLE FOR THE ACCURACY AND/OR COMPLETENESS OF THAT INFORMATION SHOWN HEREON OR ANY ERRORS OR OMISSIONS RESULTING FROM SUCH.

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

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

CONSTRUCTION DOCUMENTS
HCA LEE'S SUMMIT MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION

DRAWING TITLE
EXISTING CONDITIONS

PROJECT NUMBER
20240037

DRAWING NUMBER
C1.0

Devenney GROUP
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Suite 500
Scottsdale, AZ 85251
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www.devenneygroup.com

Consultant:

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

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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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1:40
DRAWN:	AP
REVIEWED:	WB
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EXISTING CONDITIONS

C1.0

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\20240037_EXI.dwg-C1.0 EXISTING CONDITIONS Dec 04, 2024 wbissard
6/10/2024 9:05:24 PM Autodesk Docs://6406.24.0001 - HCA - LSMC MedSurg Expansion_rvt23/6406.24.0001 HCA - LSMC Med Surge Expansion.rvt

PROJECT NOTES

1. SUBJECT PROPERTY SHOWN ON TAX MAP 60, AS PARCEL 60-420-99-15-00-0-00-000 OF THE JACKSON COUNTY COUNTY, MO, TAX MAPS.
2. SITE EXISTING CONDITIONS ARE TAKEN FROM SURVEY BY LOVELACE & ASSOCIATES, LLC DATED 05/01/2024. CATALYST DESIGN GROUP SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF OR OMISSIONS FROM THE EXISTING CONDITIONS OR ERRORS RESULTING THEREFROM.
3. CATALYST DESIGN GROUP RECOMMENDS THAT CONSTRUCTION STAKING BE PROVIDED BY A SURVEYOR LICENSED IN THE STATE OF THE PROJECT.
4. THE CONTRACTOR SHALL REVIEW THE SITE CONDITIONS PRIOR TO CONSTRUCTION AND MAKE THE ENGINEER AWARE OF ANY INCONSISTENCIES BETWEEN THE SITE CONDITIONS AND EXISTING CONDITIONS PLAN.
5. DIMENSIONS PROVIDED ON THE PLAN ARE TAKEN TO THE FACE OF CURBS, EDGE OF CONCRETE OR EDGE OF BUILDING, UNLESS OTHERWISE NOTED.
8. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS AND PERMITS PRIOR TO INITIATING CONSTRUCTION. THE CONTRACTOR SHALL ADHERE TO PERMIT REQUIREMENTS AS WORK PROCEEDS.
9. SITE CONTROL SHALL BE BASED OFF THE REFERENCE POINTS PROVIDED. SEE THE ARCHITECTURAL PLANS FOR LAYOUT CONTROL OF BUILDING ADDITIONS.
10. THE CONTRACTOR SHALL SUBMIT A REQUEST FOR UTILITY LOCATION (CALL 811) AND HAVE THE UTILITIES MARKED BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL BE FAMILIAR WITH THE UTILITY LOCATIONS, PROTECT UTILITIES WHICH REMAIN IN SERVICE, AND REPAIR ANY DAMAGE TO UTILITY SYSTEMS PER THE UTILITY PROVIDER REQUIREMENTS.
11. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO PUBLIC ROADWAYS, CURBS AND SIDEWALKS IN ACCORDANCE WITH THE LOCAL REQUIREMENTS AT CONTRACTOR'S EXPENSE.
12. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY WORK UNACCEPTABLE TO THE OWNER'S REPRESENTATIVE OR GOVERNING AGENCIES AT CONTRACTOR'S EXPENSE.
13. IN EASEMENTS AND RIGHTS-OF-WAY, CONTRACTOR SHALL PROTECT AND RESTORE SAID PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING AT THE COMMENCEMENT OF CONSTRUCTION EXCEPT AS NOTED.
14. ON SITE ASPHALT PAVEMENT MATERIALS SHALL BE PER LOCAL AUTHORITY SPECIFICATIONS, STATE SPECIFICATIONS, AND GEOTECHNICAL REPORT RECOMMENDATIONS.
15. THE CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS AND PRECAUTIONS.
16. UNLESS OTHERWISE NOTED, SUBMIT SHOP DRAWINGS OF ALL FABRICATED MATERIALS FOR REVIEW. DESIGN DRAWINGS SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS. THE ENGINEER'S REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC., DOES NOT RELIEVE THE CONTRACTOR FROM COMPLYING WITH LOCAL/STATE SPECIFICATIONS. THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY SPECIFIC DEVIATIONS AND OBTAIN ENGINEER'S WRITTEN APPROVAL OF THE DEVIATION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES AND/OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF MO, WHOSE SERVICES ARE ENGAGED AND PAID FOR BY THE CONTRACTOR.
18. ALL SPECIFICATIONS, DOCUMENTS, AND DETAILS REFERENCED SHALL BE THE LATEST REVISION AS APPLICABLE AT THE TIME OF PERMIT APPROVAL.
19. CONTRACTOR SHALL REPAIR ALL OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN AT THE START OF CONSTRUCTION.

DEMOLITION NOTES

1. THE CONTRACTOR SHALL REQUEST UTILITY LOCATIONS (811) AND VERIFY LOCATIONS OF ALL OTHER PRIVATE UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE AND REPAIR IF DAMAGED PER PROVIDER REQUIREMENTS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL WORK AROUND EXISTING UTILITIES WITH CORRESPONDING PROVIDER.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO ACCOMPLISH THE PROPOSED WORK.
3. THE CONTRACTOR SHALL PROTECT PROPERTY BOUNDARY PINS AND SURVEY CONTROL POINTS FROM DAMAGE.
4. THE CONTRACTOR SHALL COMPLY WITH EROSION PREVENTION AND SEDIMENT CONTROL REQUIREMENTS AND INSTALL NECESSARY EPSC MEASURES AND CONSTRUCTION ENTRANCE/ EXIT PRIOR TO DISTURBING EXISTING VEGETATION. THE CONTRACTOR SHALL ALSO USE WATER SPRINKLING OR OTHER MEASURES TO CONTROL DUST AND OTHER AIRBORNE DEBRIS RESULTING FROM DEMOLITION.
5. TREE PROTECTION MEASURES SPECIFIED IN THESE PLANS SHALL BE INSTALLED PRIOR TO BEGINNING DEMOLITION OPERATIONS.
6. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR DEMOLITION AND TREE REMOVAL.
7. THE CONTRACTOR MAY BE REQUIRED TO PHASE THE DEMOLITION TO MAINTAIN EXISTING UTILITY SERVICES, PROPER DRAINAGE OR ACCESS TO THE SITE OR ADJOINING SITES. THE CONTRACTOR SHALL MINIMIZE THE DISRUPTION OF EXISTING ACTIVE UTILITIES AND TRAFFIC PATTERNS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE AND PROVIDE A DEMOLITION PHASING SCHEDULE WHERE REQUESTED.
8. UTILITY AND STORM SEWER LINES SHOULD NOT BE DEMOLISHED UNTIL NEW OR RELOCATED LINES HAVE BEEN INSTALLED AND ARE OPERATIONAL.
9. THE CONTRACTOR SHALL INCLUDE IN THEIR COST ANY ISOLATION VALVES OR TEMPORARY MEASURES REQUIRED TO ACCOMPLISH RELOCATIONS AND DEMOLITION OF UTILITIES.
10. PAVEMENTS, SIDEWALKS, CURBS AND OTHER HARD SURFACES SHALL BE EVENLY SAW CUT AT THE LIMITS OF REMOVAL TO PROVIDE A CLEAN EDGE. COORDINATE LIMITS OF REMOVAL WITH PROPOSED CONSTRUCTION INCLUDING GRADING, UTILITY INSTALLATION, PROPOSED LAYOUT, ETC.
11. EXISTING SITE FEATURES NOTED AS BEING ABANDONED MAY BE ABANDONED INPLACE IF THE ITEMS ARE LOCATED MORE THAN 24" BELOW FINAL SUBGRADES (TO TOP OF PIPE OR OTHER FEATURE) AND NOT LOCATED WITHIN PROPOSED BUILDING FOOTPRINTS. ENDS OF PIPES ABANDONED SHALL BE SEALED WITH CONCRETE.
12. ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S COST UNLESS NOTED TO BE PROVIDED TO THE OWNER.
13. CAVITIES LEFT BY DEMOLITION SHALL BE PROPERLY BACKFILLED AND COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
14. WHERE EXISTING IRRIGATION LINES ARE LOCATED WITHIN THE AREA OF CONSTRUCTION, THEY SHALL BE PROTECTED OR RE-ROUTED AND CONNECTED TO MAINTAIN OPERATION OF LANDSCAPE AREAS WHICH REMAIN DURING CONSTRUCTION. COORDINATE TEMPORARY MEASURES WITH DESIGN OF NEW SYSTEM AND REMOVE TEMPORARY MEASURES WHEN NO LONGER NEEDED.
15. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE MEANS AND METHODS FOR ALL ON-SITE AND OFF-SITE DEWATERING REQUIREMENTS AND PERMIT THROUGH THE NECESSARY LOCAL AND STATE AGENCIES AS NEEDED.
16. IF AN EXISTING WELL IS ENCOUNTERED DURING CONSTRUCTION ACTIVITIES, CONTRACTOR TO INFORM ENGINEER AND ABANDON/REMOVE ANY EXISTING WELLS PER LOCAL/STATE STANDARDS AND SPECIFICATIONS.

ADA ACCESSIBILITY NOTES

1. CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY ARE TO BE CONSTRUCTED BASED ON LOCAL AUTHORITY'S STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS. WHERE THERE ARE NO LOCAL STANDARDS, THE CONTRACTOR SHALL CONSTRUCT CURB RAMPS ACCORDING TO THE CURRENT VERSION OF THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), PUBLISHED BY THE UNITED STATES ACCESS BOARD.
2. PRIVATE CURB RAMPS ON THE SITE OUTSIDE OF THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS AND/OR FAIR HOUSING ACT (FHA), WHERE APPLICABLE.
3. BEFORE PLACING PAVEMENT OR SIDEWALKS, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA AND FHA) EXIST TO AND FROM ACCESSIBLE DOORS, ALONG SIDEWALKS, ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ACCESSIBLE ROUTES. MAXIMUM GRADES WITHIN ACCESSIBLE PARKING AND ACCESS AISLES SHALL BE 2% IN ANY DIRECTION. WITHIN ACCESSIBLE PATHS MAXIMUM SLOPES FOR SIDEWALKS SHALL BE LONGITUDINALLY MAXIMUM 5%, FOR RAMPS SHALL BE LONGITUDINALLY MAXIMUM 8.33% (1:12), AND CROSS SLOPES SHALL BE MAXIMUM 2%. TURNING MOVEMENTS SHALL BE 5'X5' MAXIMUM 2% IN ANY DIRECTION.
4. CURB RAMPS SHALL HAVE A LANDING AT THE TOP MATCHING THE WIDTH OF THE RAMP AND A MINIMUM DEPTH OF 48". RAMPS SHALL HAVE A 5' X 5' LANDING AT THE TOP AND BOTTOM OF THE RAMP. ALL CURB/ACCESSIBLE RAMP DESIGNS SHALL CONFORM TO ACCESSIBLE STANDARDS OR LOCAL BUILDING CODE STANDARDS, WHICHEVER IS MORE RESTRICTIVE.
5. CONTRACTOR TO FIELD VERIFY SLOPE MEASUREMENTS ON FINISHED GRADE, SUBGRADE, AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY CONFORMANCE TO ADA SLOPES. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CHANGE ORDERS WILL BE ACCEPTED FOR ADA SLOPE COMPLIANCE ISSUES.
6. WHERE CONSTRUCTION IS TAKING PLACE WITHIN AN EXISTING DEVELOPMENT OR FACILITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN AN ACCESSIBLE PATH PER ADA STANDARD SPECIFICATIONS THROUGHOUT THE CONSTRUCTION PROCESS AS NEEDED.

TREE PROTECTION NOTES

1. INSTALL TREE PROTECTION PRIOR TO DEMOLITION OR EARTH MOVING OPERATIONS ON SITE IN ACCORDANCE WITH THE DETAILS AND NOTES PROVIDED IN THESE PLANS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL STAKE THE LIMITS OF CONSTRUCTION TO ENSURE THE TREE PROTECTION MEASURES ARE INSTALLED IN THE PROPER LOCATIONS.
3. THE TREE PROTECTION MEASURES SHALL CONSIST OF 48" TALL CHAIN LINK FENCE WITH STEEL TEE POSTS OR ORANGE CONSTRUCTION BARRICADE FENCE. PRIOR TO CONSTRUCTION OPERATIONS, TREE PROTECTION FENCE INSTALLATION SHALL BE INSPECTED BY THE OWNER'S REPRESENTATIVE AND GOVERNING AUTHORITY IF REQUIRED.
4. ANY GRADING OR EXCAVATION WITHIN THE PROTECTED ROOT ZONE SHALL BE ACCOMPLISHED BY HAND OR WITH SMALL EQUIPMENT TO MINIMIZE DAMAGE.
5. ROOTS EXPOSED DURING CONSTRUCTION OPERATIONS SHALL BE PRUNED FLUSH WITH THE GROUND AND COVERED WITH BACKFILL AS SOON AS POSSIBLE. IF CONSTRUCTION OPERATIONS WILL DELAY THE PLACEMENT OF BACKFILL THE ROOTS SHALL BE TEMPORARILY COVERED WITH MULCH AND WATERED UNTIL BACKFILL OPERATIONS CAN BE ACCOMPLISHED.
6. DO NOT STORE EQUIPMENT OR MATERIALS WITHIN THE DRIP LINE OF TREES TO BE PRESERVED.
7. WHEN GRADING OR TRENCHING OPERATIONS ARE DIRECTED WITHIN THE DRIP LINE OF A TREE TO BE PRESERVED, THE ROOTS SHALL FIRST BE CUT USING A "DITCH WITCH" OR SIMILAR EQUIPMENT TO PROVIDE A CLEAN CUT OF THE ROOTS AT THE LIMIT OF DISTURBANCE, PRIOR TO USE OF OTHER GRADING MACHINERY. ONCE THE ROOTS HAVE BEEN CUT AS NOTED ALL EQUIPMENT SHALL BE RESTRICTED FROM ENTERING THE AREA BETWEEN THE CUT LINE AND TREE TRUNK. TRENCHES SHALL BE BACKFILLED AND TAMPED TO MINIMIZE SETTLEMENT.
8. BARRICADES SHALL BE INSTALLED WITHIN THE LIMITS OF PROPOSED PAVEMENTS WHEN EXTENDING UNDER THE DRIP LINE OF TREES TO BE PRESERVED UNTIL OPERATIONS TO CONSTRUCT THE PAVED AREAS ARE INITIATED. THEN THE BARRICADES CAN BE RELOCATED TO PROVIDE THE MINIMUM AREA NECESSARY FOR CONSTRUCTION OF THE PROPOSED WORK AND SHALL REMAIN IN PLACE UNTIL ALL WORK IS COMPLETE.
9. PROVIDE WATERING OF SPECIMEN TREES DURING CONSTRUCTION DURING PERIODS OF DROUGHT EXCEEDING SEVEN DAYS. EVENLY DISTRIBUTE WATER OVER THE ENTIRE ROOT ZONE.
10. ROOT ZONE AREAS OF TREES THAT HAVE BEEN COMPACTED DUE TO CONSTRUCTION ACTIVITIES SHALL BE AERATED AT THE DIRECTION OF A QUALIFIED ARBORIST.
11. HOSE DOWN FOLIAGE OF SPECIMEN TREES SUBJECT TO HEAVY ACCUMULATION OF DUST FROM CONSTRUCTION ACTIVITIES.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE GRASS TO LESS THAN 12" IN HEIGHT WITHIN THE AREAS OF TREE PROTECTION DURING THE CONSTRUCTION PERIOD. DO NOT USE HERBICIDES TO CONTROL VEGETATION WITHIN THE TREE PROTECTION AREA.
13. REMOVAL OF TREE PROTECTION FENCING SHALL NOT OCCUR UNTIL APPROVED BY THE GOVERNING AUTHORITY WHERE REQUIRED, OR THE OWNER'S REPRESENTATIVE. ALL REMNANTS OF THE FENCING SHALL BE REMOVED AND RESTORATION OF THE AREAS SHALL BE COMPLETED.

EROSION CONTROL NOTES

1. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES SHALL BE INSTALLED PER LOCAL AND STATE REQUIREMENTS PRIOR TO ANY EARTH MOVING ACTIVITIES.
2. PROVIDE CONSTRUCTION ENTRANCE/EXIT AS DETAILED ON THE PLANS AND PER LOCAL REQUIREMENTS. MAINTAIN ENTRANCE/EXIT THROUGHOUT CONSTRUCTION AND MAINTAIN THE PUBLIC ROADWAY FREE OF TRACKED MUD AND DIRT.
3. EPSC MEASURES SHALL BE INSTALLED AND INSPECTED BY LOCAL OFFICIALS (IF REQUIRED) PRIOR TO BEGINNING EARTH MOVING OPERATIONS. EPSC MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.
4. LOCATION OF DIVERSION DITCHES, SILT FENCE, AND OTHER MEASURES MAY BE SLIGHTLY ADJUSTED IN THE FIELD TO AVOID TREES AND OTHER EXISTING FEATURES.
5. THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO THE REQUIREMENTS OUTLINED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) DEVELOPED FOR THE SITE, AS WELL AS LOCAL AND STATE REQUIREMENTS. THE CONTRACTOR SHALL ALSO PROVIDE THE CERTIFIED EROSION CONTROL INSPECTOR AND CONTINUAL MAINTENANCE OF THE EPSC MEASURES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, THEN ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
6. AS THE WORK PROGRESSES THE LOCATION AND TYPE OF MEASURES MAY REQUIRE ADJUSTMENTS. TEMPORARY MEASURES MAY BE REQUIRED IN CERTAIN AREAS THAT CAN BE REMOVED DURING THE WORK DAY AND RE-ESTABLISHED WHEN WORK CEASES FOR THE DAY OR PRIOR TO A DAYTIME RAIN EVENT.
7. SEDIMENT SHALL BE REMOVED FROM EROSION PREVENTION AND SEDIMENT CONTROL MEASURES WHEN THE DESIGN CAPACITIES HAVE BEEN REDUCED BY 50% OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE OR GOVERNING AGENCY. PROPERLY DISPOSE OF ACCUMULATED SEDIMENT.
8. THE CONTRACTOR SHALL PROVIDE A RAIN GAUGE AT THE SITE AND DOCUMENT RAINFALL EVENTS DURING THE CONSTRUCTION PERIOD.
9. THE CONTRACTOR SHALL MAINTAIN THE FOLLOWING RECORDS AT THE SITE: DATE WHEN MAJOR GRADING ACTIVITIES OCCUR, THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON PORTIONS OF THE SITE, THE DATES WHEN STABILIZATION MEASURES ARE INITIATED, INSPECTION RECORDS, AND RAINFALL EVENTS.
10. EXISTING SITE VEGETATION SHALL REMAIN IN PLACE AS LONG AS POSSIBLE AND SHALL NOT BE REMOVED MORE THAN 10 DAYS PRIOR TO THE DATE AT WHICH EARTH MOVING OPERATIONS ARE TO BEGIN UNLESS TEMPORARY COVER IS INSTALLED. DO NOT REMOVE VEGETATION OR TREES UNLESS NECESSARY FOR GRADING OR OTHER PROJECT PURPOSES.
11. THE CONSTRUCTION SHALL BE SEQUENCED TO MINIMIZE THE LENGTH OF TIME THE SITE SOILS ARE EXPOSED TO EROSION. PROVIDE TEMPORARY COVER AS NECESSARY.
12. EPSC MEASURES SHALL BE REMOVED ONCE PERMANENT VEGETATION IS ESTABLISHED AND WHEN DEEMED NO LONGER NEEDED BY THE OWNER'S REPRESENTATIVE OR GOVERNING AGENCY.

AS-BUILT REQUIREMENTS

1. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A LICENSED SURVEYOR IN THE STATE OF MO TO PROVIDE AS-BUILT SURVEY DATA FOR PUBLIC UTILITIES AND PUBLIC/PRIVATE STORMWATER MANAGEMENT INFRASTRUCTURE.
2. AS-BUILT SURVEYS SHOULD AT A MINIMUM PROVIDE THE FOLLOWING ITEMS:
   - 2.1. SPOT ELEVATIONS OF THE EXCAVATED BIORETENTION AND/OR PERMEABLE PAVER SUBGRADE PRIOR TO BACKFILLING WITH THE SPECIALTY SOIL AND GRAVEL LAYERS.
   - 2.2. SPOT ELEVATIONS OF SUBGRADE FOR UNDERGROUND DETENTION SYSTEMS.
   - 2.3. SPOT ELEVATIONS AND CONTOUR ELEVATIONS NOT TO EXCEED 1' MAX. INTERVAL FOR ALL PERMANENT STORMWATER QUALITY AREAS, DETENTION PONDS, AND ASSOCIATED EMBANKMENTS TO ENSURE PROPER SIZING OF THESE FEATURES.
   - 2.4. SIZE, MATERIAL, ELEVATION INFORMATION FOR ALL STORMWATER PIPES AND STRUCTURES WITHIN THE PUBLIC RIGHT OF WAY.
   - 2.5. SIZE, MATERIAL, ELEVATION INFORMATION FOR ALL PRIVATE STORMWATER QUALITY FEATURES, DETENTION STRUCTURES AND INFRASTRUCTURE DOWNSTREAM OF THESE FEATURES.
   - 2.6. DETAILED INFORMATION FOR ALL OUTLET CONTROL STRUCTURES, WITHIN DETENTION PONDS WATER, QUALITY FEATURES, OR UNDERGROUND DETENTION SYSTEMS, INCLUDING ELEVATION AND SIZE INFORMATION FOR ORIFICES, PERFORATED RISERS, WEIRS, TOP OF CASTING, AND INVERTS ASSOCIATED WITH THE STRUCTURE.
   - 2.7. ALL OTHER AS-BUILT INFORMATION REQUIRED BY THE JURISDICTIONAL AUTHORITY OR NOTED ELSEWHERE IN THE PLANS.
3. THE CONTRACTOR SHALL REVIEW LOCAL AUTHORITY'S AS-BUILT REQUIREMENTS AND/OR CONTACT ENGINEER TO CONFIRM AS-BUILT INFORMATION. PHOTOGRAPHIC EVIDENCE OF PROPER INSTALLATION OF STORMWATER MANAGEMENT AND WATER QUALITY INFRASTRUCTURE AND/OR VIDEO INSPECTIONS OF STORMWATER PIPES MAY BE REQUIRED. THE CONTRACTOR SHALL CAPTURE AND RETAIN PHOTOGRAPHIC DOCUMENTATION OF KEY INSTALLATION MILESTONES AS NEEDED. FAILURE TO PROVIDE NECESSARY PHOTOGRAPHIC DOCUMENTATION PRIOR TO BACKFILLING MAY CAUSE DELAYS AND MAY REQUIRE SITE INVESTIGATION THAT COULD INCLUDE RE-EXCAVATION OF COMPLETED INFRASTRUCTURE AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR TO RETAIN AND PROVIDE RECEIPTS FOR ANY FABRICATED STORMWATER MANAGEMENT INFRASTRUCTURE SUCH AS PROPRIETARY WATER QUALITY UNITS, UNDERGROUND DETENTION STRUCTURES, PERMEABLE PAVERS, OR SPECIALTY SOIL MEDIA (WITH APPLICABLE TESTING IF REQUIRED).

SITE GRADING NOTES

1. THE DISTURBED AREA FOR THIS PROJECT IS ESTIMATED TO BE ±2.15 ACRES.
2. THE SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD ZONE ACCORDING TO COMMUNITY PANEL NO. 29095C0439G OF THE FEMA FLOOD INSURANCE MAPS FOR JACKSON COUNTY COUNTY, MO, DATED 01/20/2017.
3. FOLLOW THE DIRECTIVES OF THE EROSION CONTROL AND TREE PROTECTION NOTES INCLUDED ELSEWHERE IN THESE DOCUMENTS.
4. THE GEOTECHNICAL REPORT, PREPARED BY OTHERS, IS INCORPORATED BY REFERENCE AND MADE A PART OF THE CONTRACT DOCUMENTS. IT IS INTENDED THAT THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT BE FOLLOWED. IN THE EVENT OF CONFLICTS BETWEEN THE CONSTRUCTION DRAWINGS AND THE GEOTECHNICAL REPORT, MAKE NO ASSUMPTIONS. THE ENGINEER SHALL BE IMMEDIATELY BE NOTIFIED FOR CLARIFICATION.
5. THE CONTRACTOR SHALL REQUEST UTILITY LOCATIONS (811) AND VERIFY LOCATIONS OF ALL OTHER PRIVATE UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE AND REPAIR IF DAMAGED PER PROVIDER REQUIREMENTS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL WORK AROUND EXISTING UTILITIES WITH CORRESPONDING PROVIDER.
6. THE CONTRACTOR SHALL CONFIRM EXISTING GRADES AND DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION AND CONTACT THE ENGINEER WITH ANY DISCREPANCIES.
7. THE CONTRACTOR SHALL OBTAIN ALL APPROVALS AND PERMITS PRIOR TO INITIATING GRADING OPERATIONS.
8. POSITIVE DRAINAGE SHALL BE ESTABLISHED INITIALLY AND MAINTAINED THROUGHOUT CONSTRUCTION.
9. PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE THE FINISH GRADE ELEVATIONS. CONTRACTOR SHALL REQUEST ADDITIONAL INFORMATION FROM THE ENGINEER WHERE INTENT IN THE PROPOSED GRADE IS UNCLEAR.
10. STRIP TOPSOIL FROM PROPOSED GRADING AREAS AND STOCKPILE FOR REUSE. PROVIDE TEMPORARY SEEDING FOR STOCKPILE AREAS DURING CONSTRUCTION. REDISTRIBUTE TOPSOIL AT A MINIMUM DEPTH OF 6" IN LAWN AREAS AND 18" IN LANDSCAPE BEDS. PROVIDE ADDITIONAL TOPSOIL WHEN ONSITE QUANTITIES ARE INSUFFICIENT.
11. CONTRACTOR WILL PROCURE THE SERVICES OF A QUALIFIED SOILS TESTING LABORATORY/ ENGINEER TO OBSERVE WORK AND MAKE TESTS AS REQUIRED.
12. CONTRACTOR SHOULD COMPLETE GRADING ACTIVITIES WITHIN 10 CALENDAR DAYS OF ACHIEVING OPTIMUM SUBGRADE COMPACTION.
13. FILL AREAS SHALL BE PROOF ROLLED WITH RUBBER-TIRED EQUIPMENT WITH A MINIMUM WEIGHT OF FIFTEEN TONS PRIOR TO BEGINNING FILL OPERATIONS OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL EXCAVATE SOFT SPOTS, UNSATISFACTORY SOILS, AND AREAS OF EXCESSIVE PUMPING OR RUTTING, AS DETERMINED BY GEOTECHNICAL ENGINEER, AND REPLACE WITH COMPACTED BACKFILL OR FILL AS DIRECTED. COMPACTION OF BACKFILL MATERIALS SHALL BE TO 98% MAXIMUM DRY DENSITY AS PER ASTM D698 (STANDARD PROCTOR), UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL REPORT.
14. THE CONTRACTOR SHALL, AT THEIR COST, PROVIDE OFFSITE MATERIALS MEETING THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER'S REPORT WHERE ONSITE SOIL QUANTITIES ARE NOT SUFFICIENT. ALL FILL MATERIAL SHALL BE APPROVED BY THE GEOTECHNICAL REPRESENTATIVE PRIOR TO BEING HAULED TO THE SITE. MATERIAL SHALL BE PLACED AND COMPACTED IN LIFT DEPTHS AS NOTED IN THE SPECIFICATIONS AND INSPECTED BY THE GEOTECHNICAL REPRESENTATIVE. SUBGRADES SHALL BE PROOF ROLLED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND GEOTECHNICAL REPRESENTATIVE'S DIRECTIONS. UNSUITABLE MATERIALS SHALL BE REMOVED AND REPLACED AS DIRECTED.
15. CUT AREAS SHALL BE PROOF-ROLLED AFTER FINAL SUBGRADE IS ACHIEVED IN THE SAME MANNER AS FILLED AREAS. THE CONTRACTOR SHALL EXCAVATE SOFT SPOTS, UNSATISFACTORY SOILS, AND AREAS OF EXCESSIVE PUMPING OR RUTTING, AS DETERMINED BY GEOTECHNICAL ENGINEER, AND REPLACE WITH COMPACTED BACKFILL OR FILL AS DIRECTED. COMPACTION OF BACKFILL MATERIALS SHALL BE TO 98% MAXIMUM DRY DENSITY AS PER ASTM D698 (STANDARD PROCTOR), UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL REPORT.
16. APPLICABLE SPECIFICATIONS FOR COMPACTED FILL: THE FOLLOWING CURRENT AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) STANDARDS ARE HEREBY MADE PART OF THIS SPECIFICATION:
   - 16.1. C136/136M STANDARD TEST METHOD FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES
   - 16.2. D421-58 DRY PREPARATION OF SOIL SAMPLES FOR GRAIN-SIZE ANALYSIS AND DETERMINATION OF SOIL CONSTANTS.
   - 16.3. D422-63 STANDARD METHOD OF PARTICLE SIZE ANALYSIS OF SOILS.
   - 16.4. D1150-54 METHOD OF TEST FOR AMOUNT OF MATERIAL IN SOILS FINER THAN NO. 200 SIEVE.
   - 16.5. D698 METHOD FOR LABORATORY COMPACTION CHARACTERISTICS OF SOIL USING STANDARD EFFORT
   - 16.6. D1557-78 STANDARD TEST METHODS FOR MOISTURE-DENSITY RELATIONS OF SOILS AND SOIL AGGREGATE MIXTURES USING 10LB. (4.54-KG) RAMMER AND 18-INCH (457 MM) DROP.
   - 16.7. D2487 STANDARD PRACTICE FOR CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES
   - 16.8. D4318 STANDARD TEST METHODS FOR LIQUID LIMIT, PLASTIC LIMIT, AND PLASTICITY INDEX OF SOILS
   - 16.9. D6938 STANDARD TEST METHODS FOR IN-PLACE DENSITY AND WATER CONTENT OF SOIL AND SOIL-AGGREGATE BY NUCLEAR METHODS

   CONTRACTOR SHALL REVIEW THE SITE SPECIFIC GEOTECHNICAL REPORT PRIOR TO COMMENCING WITH GRADING OPERATIONS. WHERE CONFLICTS BETWEEN THE GRADING NOTES AND GEOTECHNICAL REPORT EXISTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CLARIFICATION.
17. THE CONTRACTOR SHALL REVIEW THE PROPOSED GRADING PLAN AND SPOT ELEVATIONS AND REQUEST INFORMATION FROM THE ENGINEER FOR SPOTS OR CONTOURS THAT DO NOT APPEAR TO CORRESPOND WITH OTHER SURROUNDING GRADING. PROPOSED GRADES REFLECT AN INTENT FOR THE SLOPES AND DIRECTION OF DRAINAGE. THE CONTRACTOR SHALL REQUEST DIRECTION FOR AREAS WHERE THE INTENT IS NOT CLEAR.
18. THE CONTRACTOR SHALL CONFIRM EXISTING GRADES GENERALLY REFLECT THE SURVEY DATA USED IN PREPARING THESE PLANS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING SITE WORK.
   - 18.1. WHERE BUILDINGS (EXISTING OR PROPOSED) OR OTHER SITE ELEMENTS CLOSELY ABUT THE RIGHT-OF-WAY OR ACCESSIBLE PATH, THE CONTRACTOR SHALL CONFIRM STREET, CURB, AND SIDEWALK GRADES IN THESE AREAS ARE CONSISTENT WITH THE EXPECTED ELEVATIONS & HORIZONTAL LOCATIONS WITHIN THE PLANS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
   - 18.2. WHERE PROPOSED NEW CURB AND SIDEWALK ARE ALONG EXISTING RIGHT-OF-WAY, THE CONTRACTOR SHALL CONFIRM CENTERLINE AND EDGE OF PAVEMENT ELEVATIONS, AND PLACE NEW CURB SUCH THAT PROPER CROSS SLOPES ARE ACHIEVED PER THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS. NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE PROPOSED DESIGN ELEVATIONS AND FIELD CONDITIONS.
19. MAXIMUM CUT AND FILL SLOPES SHALL BE 3 HORIZONTAL TO 1 VERTICAL UNLESS DIRECTLY NOTED OTHERWISE ON THE PLAN. FILL SLOPES SHALL BE CONSTRUCTED BY FILLING BEYOND THE DESIRED GRADES TO OBTAIN COMPACTION AND THEN CUT BACK TO THE DESIRED GRADES. WHERE GRADES ARE 3:1 AND STEEPER CONTRACTOR TO PROVIDE SLOPE STABILIZATION UTILIZING NORTH AMERICAN GREEN, SC-250 OR APPROVED EQUAL. IN AREAS THAT ARE NOTED TO REQUIRE STABILIZATION WHERE SLOPES ARE LESS THAN 3:1 CONTRACTOR TO USE NORTH AMERICAN GREEN SC-150 OR APPROVED EQUAL.
20. MINIMUM GRADES SHALL BE 1% IN PAVEMENT AREAS, AND A MINIMUM OF 2% IN LAWN AREAS UNLESS DIRECTLY SPECIFIED IN THE PLANS.
21. THE CONTRACTOR SHALL TAKE CARE TO PROPERLY COMPACT FILL WITHIN UTILITY TRENCHES AND AROUND OTHER PROJECT FEATURES TO AVOID SETTLEMENT. SETTLEMENT OCCURRING WITHIN 12 MONTHS OF COMPLETION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
22. UNLESS SPECIFICALLY NOTED OTHERWISE WITHIN THE PLANS, ALL PROPOSED GRADES SHALL TIE INTO EXISTING GRADES AT THE PROJECT PROPERTY BOUNDARY. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF IT APPEARS THERE IS CONFLICTING FIELD CONDITIONS THAT WOULD NOT ALLOW GRADING AS DESIGNED.
23. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS AFTER FINAL GRADING IS ACHIEVED.

STORM SEWER NOTES

1. ALL STORMWATER PIPES, STRUCTURES, AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL AND STATE STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL FOLLOW CONSTRUCTION PLANS AND MANUFACTURER DETAILS, SPECIFICATIONS, AND INSTALLATION INSTRUCTIONS AS INCLUDED WITHIN THE PLANS AND PROVIDED BY THE MANUFACTURER FOR THE INSTALLATION OF PIPES, STRUCTURES, WATER QUALITY UNITS AND FABRICATED DETENTION SYSTEMS.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL STORM SEWER PIPE, STRUCTURES, WATER QUALITY STRUCTURES, AND FABRICATED DETENTION STRUCTURES FOR ENGINEER AND OWNER APPROVAL PRIOR TO ORDERING MATERIALS.
3. PIPE SPECIFICATIONS:
   - 3.1. REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III, WALL TYPE 'B' CONFORMING TO ASTM C76 UNLESS OTHERWISE NOTED WITH BELL-AND-SPIGOT AND GASKETED JOINTS WITH ASTM C443 RUBBER GASKETS OR MASTIC SEAL CONFORMING TO ASTM C990. RCP SHALL BE INSTALLED PER THE RECOMMENDATIONS OF ASTM C1479.
     - 3.1.1. CLASS IV RCP PIPE IS REQUIRED FOR FILL HEIGHTS OVER 13' OR WHERE NOTED BY THE ENGINEER.
   - 3.2. HIGH DENSITY POLYETHYLENE (HDPE) PIPE SHALL BE DUAL-WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR. HDPE PIPE SHALL CONFORM TO ASTM D3350 WITH RUBBER GASKET SOIL TIGHT JOINTS CONFORMING TO ASTM F477. THERMOPLASTIC PIPING SHALL BE INSTALLED PER THE RECOMMENDATIONS OF ASTM C2321.
   - 3.3. HIGH-PERFORMANCE POLYPROPYLENE (HP) PIPE SHALL BE DUAL-WALL WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR, CONFORMING TO ASTM F2881 AND AASHTO M330 WITH GASKETED SOIL TIGHT JOINTS CONFORMING TO ASTM F477. THERMOPLASTIC PIPING SHALL BE INSTALLED PER THE RECOMMENDATIONS OF ASTM C2321.
4. ALL PIPES SHALL BE INSTALLED, AT A MINIMUM, WITH SOIL TIGHT JOINTS AND BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND AASHTO SECTION 30.
5. PIPE BEDDING, BACKFILL, AND COMPACTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH LOCAL AND STATE DEPARTMENT OF TRANSPORTATION DETAILS AND SPECIFICATIONS.
6. PIPES UNDER EXISTING PAVEMENT AREAS SHALL BE COMPLETELY BACKFILLED WITH CRUSHED STONE OR PER LOCAL AUTHORITY STANDARD REQUIREMENTS. PAVEMENT SECTIONS SHALL MEET OR EXCEED EXISTING CONDITIONS WITH A SMOOTH TRANSITION.
7. STORM STRUCTURE SPECIFICATIONS:
   - 7.1. STORM INLETS AND MANHOLES SHALL BE PRECAST IN COMPLIANCE WITH THE LOCAL/STATE JURISDICTIONAL AUTHORITY'S STANDARD DETAILS AND SPECIFICATIONS, AND MEET/OR EXCEED SPECIFICATIONS OF ASTM C478/C913. STRUCTURES SHALL BE TRAFFIC RATED PER H-20 LOADING REQUIREMENTS.
   - 7.2. REFER TO STRUCTURE TABLE FOR CASTING FRAME AND GRATE TYPES. FRAMES AND GRATES TO BE PROVIDED IN ACCORDANCE WITH THE LOCAL/STATE JURISDICTIONAL AUTHORITY'S STANDARD DETAILS AND SPECIFICATIONS AND INSTALLED PER MANUFACTURES RECOMMENDATIONS.
   - 7.3. PIPE CONNECTIONS TO STRUCTURES:
     - 7.3.1. FLEXIBLE, WATERTIGHT GASKETS SHALL COMPLY WITH ASTM C923
     - 7.3.2. NON-SHRINK GROUT PER ASTM C1107
   - 7.4. FRAMES AND GRATES:
     - 7.4.1. MATERIAL: GRAY IRON CLASS 35 PER ASTM A48 UNLESS OTHERWISE INDICATED.
8. REFER TO PIPE AND STRUCTURE TABLE FOR CASTING TYPES. INSTALL REDUCERS AS NECESSARY PER MANUFACTURER'S SPECIFICATIONS TO ACCOMMODATE LARGER PIPE DIAMETERS OR CASTING SIZES.
9. TOP OF GRATE ELEVATIONS FOR DRAINAGE STRUCTURES SHALL BE PROVIDED PER THE DETAILS AND STRUCTURE TABLE.
10. CONTRACTOR SHALL PLACE STRUCTURES BASED ON THE ACTUAL DIMENSIONS OF ORDERED STRUCTURE/GRATE TO ALIGN WITH PROPOSED OR EXISTING CURB LINE. STRUCTURES SHOULD NOT BE INSTALLED BASED SOLELY ON STRUCTURE CENTERLINES.
11. COORDINATE THE LOCATION OF SITE DRAINAGE SYSTEMS WITH THE BUILDING ARCHITECTURE AND PLUMBING PLANS FOR COLLECTION OF ROOF DRAINS AND DOWNSPOUTS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
12. ADJUST THE CASTINGS OF ALL EXISTING AND NEW STRUCTURES TO MATCH PROPOSED FINISH GRADE ENSURING POSITIVE DRAINAGE IS STILL MAINTAINED. SLOPE THE TOPS OF CASTINGS TO MATCH SLOPES OF PROPOSED PAVEMENTS AND SIDEWALKS.

SITE UTILITY NOTES

1. THE CONTRACTOR SHALL REQUEST UTILITY LOCATIONS (811) AND VERIFY LOCATIONS OF ALL OTHER PRIVATE UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE AND REPAIR IF DAMAGED PER PROVIDER REQUIREMENTS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL WORK AROUND EXISTING UTILITIES WITH CORRESPONDING PROVIDER.
2. THE CONTRACTOR SHALL COORDINATE WITH THE OWNERS OF EACH UTILITY AND VERIFY THE SCOPE OF INSTALLATIONS OR RELOCATIONS THAT WILL BE REQUIRED AND IMPACT EACH COULD HAVE ON THE SCHEDULE OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEQUENCING OF INSTALLATION OF THE UTILITIES TO AVOID CONFLICTING HORIZONTAL AND VERTICAL LOCATIONS.
3. ALL PUBLIC WATER AND SEWER MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE TO THE GOVERNING AUTHORITY'S REQUIREMENTS AND SPECIFICATIONS. IF THE GOVERNING AUTHORITY DOES NOT HAVE MATERIAL RECOMMENDATIONS FOR PRIVATE UTILITIES, THEN THE CONTRACTOR SHALL PROVIDE PRIVATE MATERIALS IN ACCORDANCE WITH PUBLIC STANDARDS. OTHERWISE, THE FOLLOWING MINIMUM STANDARDS SHALL BE MET:
   - 3.1. PRIVATE GRAVITY SANITARY SEWER APPLICATIONS:
     - 3.1.1. POLYVINYL CHLORIDE PIPE (PVC) 4" AND GREATER SHALL BE SDR 35, PER ASTM D3034 OR ASTM F679
       - 3.1.1.1. JOINTS: ELASTOMERIC GASKETED, BELL AND SPIGOT, PUSH-ON TYPE PROVIDING A WATER TIGHT SEAL PER ASTM D3212.
     - 3.1.2. DUCTILE IRON PIPE (DIP) SHALL BE PRESSURE CLASS 350 COMPLYING WITH LATEST VERSION OF AWWA C150/C151
       - 3.1.2.1. JOINTS AND FITTINGS: MECHANICAL, PUSH-ON JOINTS, OR FLANGED JOINTS CONFORMING TO AWWA STANDARD C110/C111/C153.
       - 3.1.2.2. LINER AND COATING: INTERIOR LINER 40 MIL DRY FILM, PERMA SHIELD 431 PL OR APPROVED EQUAL AND ASPHALTIC EXTERIOR COATINGS CONFORMING TO ANSI AWWA C151 FOR ALL PIPES, JOINTS, AND FITTINGS.
   - 3.2. PRIVATE POTABLE WATER APPLICATIONS:
     - 3.2.1. POLYVINYL CHLORIDE PIPE (PVC) LESS THAN 4" SHALL BE SCHEDULE 40 PVC PIPE PER ASTM D1785
       - 3.2.1.1. JOINTS AND FITTINGS: SOLVENT CEMENTED JOINTS PER ASTM D2672. PVC FITTINGS PER ASTM D2466
     - 3.2.2. POLYVINYL CHLORIDE PIPE (PVC) 4" AND GREATER SHALL BE AWWA C900, DR-18
       - 3.2.2.1. JOINTS AND FITTINGS: RESTRAINED GASKETED JOINTS PER ASTM F477 AND ASTM D3139. DIP FITTINGS WITH RESTRAINED JOINTS CONFORMING TO AWWA STANDARD C110/C111/C153 ARE TO BE USED.
       - 3.2.2.2. LINING & COATING: INTERIOR CEMENT MORTAR LINING CONFORMING TO AWWA C104 REQUIREMENTS AND ASPHALTIC EXTERIOR COATINGS CONFORMING TO AWWA C151 FOR ALL PIPES, JOINTS, AND FITTINGS.
     - 3.2.3. DUCTILE IRON PIPE (DIP) 16" AND BELOW SHALL BE PRESSURE CLASS 350 COMPLYING WITH LATEST VERSION OF AWWA C150/C151.
       - 3.2.3.1. JOINTS AND FITTINGS: MECHANICAL OR PUSH-ON JOINTS OR FLANGED JOINTS CONFORMING TO AWWA STANDARD C110/C111/C115/C153.
       - 3.2.3.2. LINING & COATING: INTERIOR CEMENT MORTAR LINING CONFORMING TO AWWA C104 AND ASPHALTIC EXTERIOR COATINGS CONFORMING TO AWWA C151 FOR ALL PIPES, JOINTS, AND FITTINGS.
     - 3.2.4. COPPER PIPE (CU) SHALL BE TYPE 'K' ANNEALED PER ASTM B88.
       - 3.2.4.1. JOINTS AND FITTINGS PER AWWA C800.
4. MAINTAIN 10' HORIZONTAL SEPARATION BETWEEN SANITARY SEWER LINES AND WATER LINES WHERE POSSIBLE. IN AREAS WHERE THESE CRITERIA CANNOT BE MET, PROVIDE 18" OF VERTICAL SEPARATION, UNLESS OTHERWISE NOTED WITHIN THE PLANS.
5. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF THE PROPOSED SEWER CONNECTION POINT PRIOR TO INSTALLATION OF NEW LINES. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES.
6. CONNECTIONS TO EXISTING MANHOLES SHALL BE MADE UTILIZING THE CORING AND RESILIENT SEAL METHOD IF NOT OTHERWISE NOTED PER LOCAL REGULATIONS.
7. THE CONTRACTOR SHALL VERIFY ANY PIPE LENGTHS, MATERIALS AND SIZES PROVIDED ON THE PLANS WITH FIELD CONDITIONS AND COORDINATE THE EXACT LOCATION OF THE BUILDING SERVICES WITH THE PLUMBING PLANS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
8. MINIMUM SLOPE OF 6" SANITARY SEWER SERVICES SHALL BE 1%. INSTALL PER INVERTS PROVIDED ON THE PLAN AND WITH A MINIMUM 48" OF COVER WITHIN ROADWAYS AND 30" OF COVER WITHIN LANDSCAPE AREAS.
9. MARK THE LOCATION OF PVC LINES WITH A #8 WIRE.
10. PROVIDE A MINIMUM OF 36" OF COVER OVER ALL WATER AND FIRE LINES.
11. ALL FIRE LINES SHALL BE INSTALLED FROM THE POINT OF CONNECTION TO THE BUILDING BY A SPRINKLER CONTRACTOR LICENSED IN THE STATE OF MO.
12. PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL BENDS AND BLOCKING/RODDING ON WATER/FIRE LINES TO ACHIEVE THE PROPOSED ALIGNMENT SHOWN ON THE PLANS.
13. BEFORE CONNECTIONS ARE MADE TO EXISTING LINES, INSTALLED LINES SHALL BE FLUSHED, TESTED, AND APPROVED BY THE GOVERNING AUTHORITY IN ACCORDANCE WITH THEIR REQUIREMENTS.
14. REPAIR DAMAGE TO EXISTING FEATURES TO PRE-CONSTRUCTION CONDITION IN ACCORDANCE WITH GOVERNING AUTHORITY'S REQUIREMENTS IN A TIMELY MANNER. TRENCHES WITHIN EXISTING PAVEMENTS SHALL BE EVENLY SAW CUT FOR REMOVAL AND COMPLETELY BACKFILLED WITH CRUSHED STONE. REPAIR ROADWAYS PER GOVERNING AGENCY'S STANDARDS.
15. THE CONTRACTOR SHALL TAKE CARE TO PROPERLY COMPACT FILL WITHIN UTILITY TRENCHES AND AROUND OTHER PROJECT FEATURES TO AVOID SETTLEMENT. SETTLEMENT OCCURRING WITHIN 12 MONTHS OF COMPLETION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
16. EXISTING AND NEW CASTINGS SHALL BE ADJUSTED TO MATCH FINISH GRADE. CASTINGS SHALL BE SLOPED TO MATCH SLOPES OF PROPOSED PAVEMENTS AND SIDEWALKS.
17. THE CONTRACTOR SHALL COORDINATE GAS SERVICE, ELECTRICAL SERVICE, AND COMMUNICATION SERVICES WITH THE APPROPRIATE PROVIDER AND PAY NECESSARY FEES FOR INSTALLATION.
18. THE SITE ELECTRICAL INFORMATION SHOWN ON THE CIVIL DRAWINGS IS INCLUDED AS A REFERENCE ONLY, AND IS NOT PART OF THE CIVIL SCOPE ISSUED FOR CONSTRUCTION IN THESE DOCUMENTS. ALL SITE ELECTRICAL COMPONENTS INCLUDING BUT NOT LIMITED TO TRANSFORMERS, SWITCH GEARS, TERMINATING CABINETS, BLAST/FIRE WALLS, GENERATORS AND PADS, SERVICE RISER POLES, DOWN-GUY WIRES, OVERHEAD SERVICE LINES AND UNDERGROUND ELECTRICAL CONDUITS ARE TO BE CONSTRUCTED PER PLANS DEVELOPED BY LOCAL ELECTRICAL SERVICE PROVIDER AND THE PROJECT ELECTRICAL ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION THAT ALL NECESSARY SITE ELECTRICAL COMPONENTS CAN BE INSTALLED IN RELATION TO ALL OTHER REQUIRED SITE FEATURES DEPICTED ON THE PLANS, AND SHALL NOTIFY THE CIVIL AND ELECTRICAL ENGINEER SHOULD A CONFLICT ARISE.

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LEE'S SUMMIT, MO 64063
816-282-5000

CONSTRUCTION DOCUMENTS
HCA LEE'S SUMMIT MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION

DRAWING TITLE
GENERAL NOTES

PROJECT NUMBER 20240037
DRAWING NUMBER C2.0

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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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

GENERAL NOTES

C2.0

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EROSION CONTROL KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
EC1	TEMPORARY CONSTRUCTION ENTRANCE	1 / C3.2
EC2	SILT FENCE	3 / C3.2
EC3	INLET PROTECTION	4 / C3.2
EC4	TREE PROTECTION	2 / C3.2
EC7	RIPRAP OUTLET PROTECTION	2 / C3.3
EC8	EROSION EEL	1 / C3.3
EC8	TURF REINFORCEMENT MATTING	4 / C3.3
EC10	CONCRETE WASH-OUT	3 / C3.3

SITE DESCRIPTION AND NOTES:

THE SITE IS LOCATED ON TAX MAP 60, PARCEL 60-420-99-15-00-0-00-000 IN LEE'S SUMMIT, JACKSON COUNTY COUNTY, MO. CONSTRUCTION ACTIVITY ON THIS SITE WILL CONSIST OF DISTURBING APPROXIMATELY 2.15± ACRES TO CONSTRUCT A REMOTE PARKING, PEDESTRIAN BRIDGE, AND DIETARY EXPANSION.

1. APPROXIMATE CONSTRUCTION TIME TABLE:
   BEGIN CONSTRUCTION - FEB 2025
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2. CONSTRUCTION SEQUENCE:
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   B. INSTALL CONSTRUCTION ENTRANCE AND SILT FENCE
   C. CONTACT WATER QUALITY DIVISION - EROSION CONTROL INSPECTOR FOR INSPECTION OF EROSION CONTROL DEVICES TO OBTAIN GRADING PERMIT.
   D. CLEAR AND GRUB THE REMAINING SITE.
   E. CONSTRUCT REMAINING SITE ACCORDING TO APPROVED PLANS, INCLUDING ALL ADDITIONAL EROSION CONTROL DEVICES.
   F. UPON PERMANENT SITE STABILIZATION SEED AND STRAW.
   G. REMOVE ALL OTHER EROSION TEMPORARY CONTROL DEVICES PRIOR TO AS-BUILT APPROVALS.
3. TOTAL PROJECT AREA = 1,066,349 SF (24.48± AC.)
   DISTURBED AREA = 93,929 S.F. (2.15± AC.)

EROSION CONTROL NOTES:

1. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATION BEGINS AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY BUT MUST BE REPLACED AT THE END OF THE WORKDAY.
2. THE FOLLOWING RECORDS SHALL BE MAINTAINED ON OR NEAR SITE: THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR; THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE; THE DATES WHEN STABILIZATION MEASURES ARE INITIATED; INSPECTION RECORDS AND RAINFALL RECORDS.
3. THE CONTRACTOR SHALL MAINTAIN A RAIN GAUGE AND DAILY RAINFALL RECORDS AT THE SITE OR USE A REFERENCE SITE FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION.
4. PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 10 DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.
5. CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS.
6. SEDIMENT SHOULD BE REMOVED FROM SEDIMENT TRAPS, SILT FENCES, SEDIMENTATION PONDS AND OTHER SEDIMENT CONTROLS AS NECESSARY AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50% OR AS DIRECTED BY OWNERS REPRESENTATIVE.
7. THE CONTRACTOR SHALL REMOVE SEDIMENT FROM ALL DRAINAGE STRUCTURES BEFORE ACCEPTANCE BY LOCAL GOVERNING AGENCY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
8. THE CONTRACTOR SHALL REMOVE THE TEMPORARY EROSION AND WATER POLLUTION CONTROL DEVICES ONLY AFTER A SOLID STAND OF GRASS HAS BEEN ESTABLISHED ON GRADED AREAS AND WHEN IN THE OPINION OF THE OWNER'S REPRESENTATIVE, THEY ARE NO LONGER NEEDED.
9. DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF THE COMPLETION OF GRADING ACTIVITIES. SLOPES 3:1 OR STEEPER SHALL BE STABILIZED WITHIN 7 DAYS.

N

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GRAPHIC SCALE

Catalyst DESIGN GROUP
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NO.	DATE	DESCRIPTION

DRAWING TITLE
INITIAL EROSION CONTROL PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
C3.0

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REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1:50
DRAWN:	AP
REVIEWED:	WB
JOB NUMBER:	6406.24

INITIAL EROSION CONTROL PLAN

C3.0

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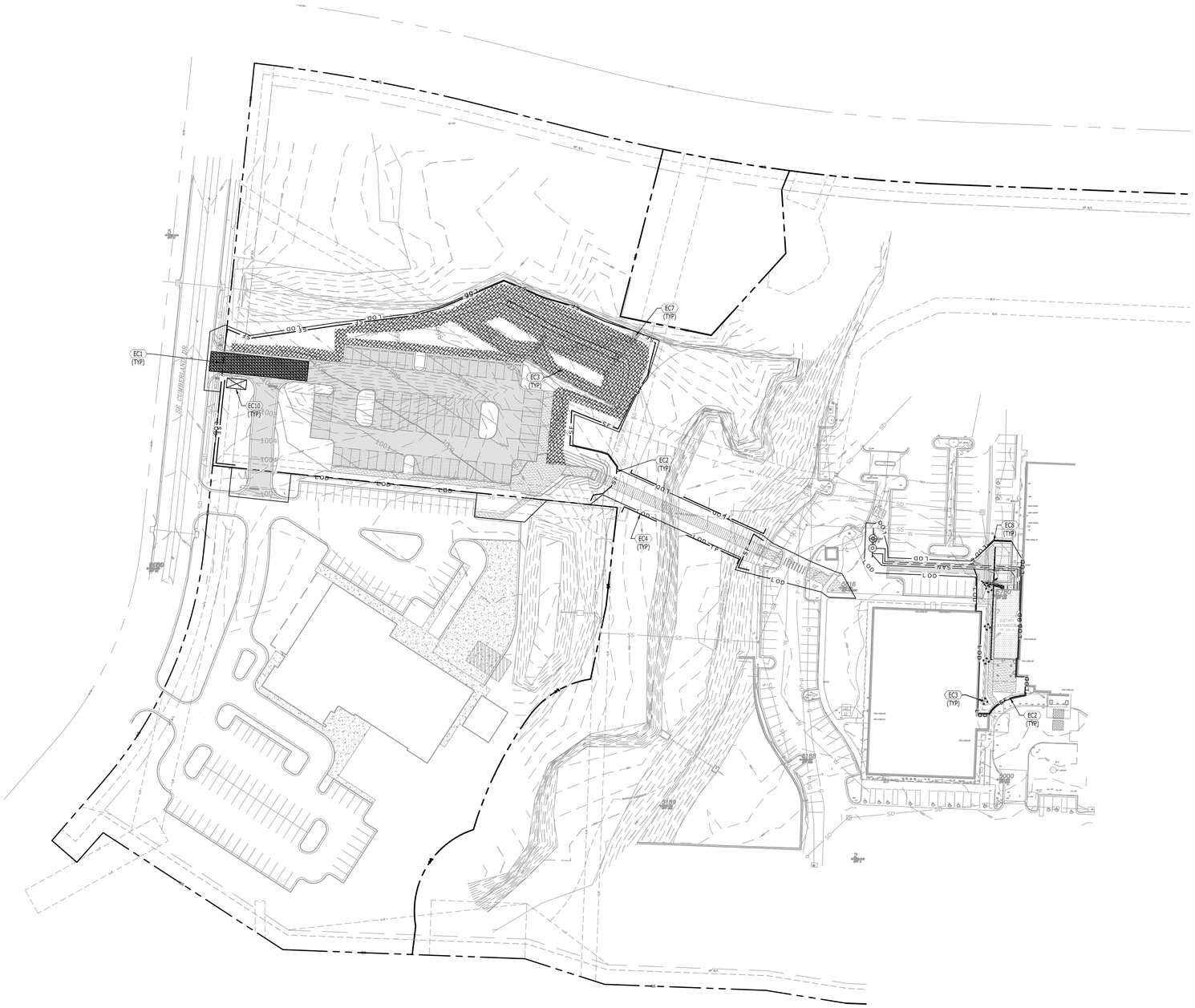

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3. TOTAL PROJECT AREA = 1,066,349 SF (24.48± AC.)
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3. THE CONTRACTOR SHALL MAINTAIN A RAIN GAUGE AND DAILY RAINFALL RECORDS AT THE SITE OR USE A REFERENCE SITE FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION.
4. PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 10 DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.
5. CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS.
6. SEDIMENT SHOULD BE REMOVED FROM SEDIMENT TRAPS, SILT FENCES, SEDIMENTATION PONDS AND OTHER SEDIMENT CONTROLS AS NECESSARY AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50% OR AS DIRECTED BY OWNERS REPRESENTATIVE.
7. THE CONTRACTOR SHALL REMOVE SEDIMENT FROM ALL DRAINAGE STRUCTURES BEFORE ACCEPTANCE BY LOCAL GOVERNING AGENCY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
8. THE CONTRACTOR SHALL REMOVE THE TEMPORARY EROSION AND WATER POLLUTION CONTROL DEVICES ONLY AFTER A SOLID STAND OF GRASS HAS BEEN ESTABLISHED ON GRADED AREAS AND WHEN IN THE OPINION OF THE OWNER'S REPRESENTATIVE, THEY ARE NO LONGER NEEDED.
9. DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF THE COMPLETION OF GRADING ACTIVITIES. SLOPES 3:1 OR STEEPER SHALL BE STABILIZED WITHIN 7 DAYS.

N

0 25 50 100 150
GRAPHIC SCALE

Catalyst DESIGN GROUP
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(615) 622-7200 | WWW.CATALYST-DG.COM

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CONSTRUCTION DOCUMENTS
HCA LEE'S SUMMIT MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION

DRAWING TITLE
FINAL EROSION CONTROL PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
C3.1

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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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1:50
DRAWN:	AP
REVIEWED:	WB
JOB NUMBER:	6406.24

FINAL EROSION CONTROL PLAN

C3.1

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\20240037_ERO.dwg-C3.1 FINAL EROSION CONTROL PLAN Dec 04, 2024 wblissard
6/10/2024 9:05:24 PM Autodesk Docs://6406.24.0001 - HCA - LSMC MedSurg Expansion_rvt23/6406.24.0001 HCA - LSMC Med Surge Expansion.rvt

SCHEDULE OF INSPECTIONS AND MAINTENANCE NOTES

1. INSPECTIONS DESCRIBED IN PARAGRAPHS 2, 3 AND 4 BELOW, SHALL BE PERFORMED AT LEAST TWICE EVERY CALENDAR WEEK. INSPECTIONS SHALL BE PERFORMED AT LEAST 72 HOURS APART. WHERE SITES OR PORTION(S) OF CONSTRUCTION SITES HAVE BEEN TEMPORARILY STABILIZED, OR RUNOFF IS UNLIKELY DUE TO WINTER CONDITIONS (E.G., SITE COVERED WITH SNOW OR ICE) OR DUE TO EXTREME DROUGHT, SUCH INSPECTION ONLY HAS TO BE CONDUCTED ONCE PER MONTH UNTIL THAWING OR PRECIPITATION RESULTS IN RUNOFF OR CONSTRUCTION ACTIVITY RESUMES. INSPECTION REQUIREMENTS DO NOT APPLY TO DEFINABLE AREAS THAT HAVE BEEN FINALLY STABILIZED. WRITTEN NOTIFICATION OF THE INTENT TO CHANGE THE INSPECTION FREQUENCY AND THE JUSTIFICATION FOR SUCH REQUEST MUST BE SUBMITTED TO THE LOCAL ENVIRONMENTAL FIELD OFFICE. SHOULD TDEC DISCOVER THAT MONTHLY INSPECTIONS OF THE SITE ARE NOT APPROPRIATE DUE TO INSUFFICIENT STABILIZATION MEASURES OR OTHERWISE, TWICE WEEKLY INSPECTIONS SHALL RESUME. MODNR MAY INSPECT THE SITE TO CONFIRM OR DENY THE NOTIFICATION TO CONDUCT MONTHLY INSPECTIONS.

2. QUALIFIED PERSONNEL (PROVIDED BY THE PERMITTEE OR COOPERATIVELY BY MULTIPLE PERMITTEES) SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND EACH OUTFALL.

3. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE SITE'S DRAINAGE SYSTEM. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY.

4. OUTFALL POINTS (WHERE DISCHARGES LEAVE THE SITE AND/OR ENTER WATERS OF THE STATE) SHALL BE INSPECTED TO DETERMINE WHETHER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWNSTREAM LOCATIONS SHALL BE INSPECTED. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.

5. BASED ON THE RESULTS OF THE INSPECTION, ANY INADEQUATE CONTROL MEASURES OR CONTROL MEASURES IN DISREPAIR SHALL BE REPLACED OR MODIFIED, OR REPAIRED AS NECESSARY, BEFORE THE NEXT RAIN EVENT, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE NEED IS IDENTIFIED.

6. BASED ON THE RESULTS OF THE INSPECTION, THE SITE DESCRIPTION AND POLLUTION PREVENTION MEASURES IDENTIFIED IN THIS SWPPP SHALL BE REVISED AS APPROPRIATE, BUT IN NO CASE LATER THAN 7 DAYS FOLLOWING THE INSPECTION. SUCH MODIFICATIONS SHALL PROVIDE FOR TIMELY IMPLEMENTATION OF ANY CHANGES TO THE SWPPP, BUT IN NO CASE LATER THAN 14 DAYS FOLLOWING THE INSPECTION.

7. ALL INSPECTIONS SHALL BE DOCUMENTED ON THE CONSTRUCTION STORMWATER INSPECTION CERTIFICATION FORM PROVIDED IN APPENDIX D OF THE SWPPP REPORT FOR ALL CONSTRUCTION SITES. INSPECTION DOCUMENTATION WILL BE MAINTAINED ON SITE AND MADE AVAILABLE TO TDEC UPON REQUEST. INSPECTION REPORTS MUST BE SUBMITTED TO TDEC WITHIN 10 DAYS OF THE REQUEST. IF MODNR REQUESTS THE CONSTRUCTION STORMWATER INSPECTION CERTIFICATION FORM TO BE SUBMITTED, THE SUBMITTED FORM MUST CONTAIN THE PRINTED NAME AND SIGNATURE OF THE TRAINED CERTIFIED INSPECTOR AND THE PERSON WHO MEETS THE SIGNATORY REQUIREMENTS OF SECTION 7.7.2 OF THE NPDES GENERAL PERMIT.

8. TRAINED CERTIFIED INSPECTORS SHALL COMPLETE INSPECTION DOCUMENTATION TO THE BEST OF THEIR ABILITY. FALSIFYING INSPECTION RECORDS OR OTHER DOCUMENTATION OR FAILURE TO COMPLETE INSPECTION DOCUMENTATION SHALL RESULT IN A VIOLATION OF THIS PERMIT AND ANY OTHER APPLICABLE ACTS OR RULES.

9. SUBSEQUENT OPERATOR(S) (PRIMARY PERMITTEES) WHO HAVE OBTAINED COVERAGE UNDER THE NPDES GENERAL PERMIT SHOULD CONDUCT TWICE WEEKLY INSPECTIONS, UNLESS THEIR PORTION(S) OF THE SITE HAS BEEN TEMPORARILY STABILIZED, OR RUNOFF IS UNLIKELY DUE TO WINTER CONDITIONS OR DUE TO EXTREME DROUGHT AS STATED IN PARAGRAPH a) ABOVE. THE PRIMARY PERMITTEE (SUCH AS A DEVELOPER) IS NO LONGER REQUIRED TO CONDUCT INSPECTIONS OF PORTIONS OF THE SITE THAT ARE COVERED BY A SUBSEQUENT PRIMARY PERMITTEE (SUCH AS A HOME BUILDER).

SITE ASSESSMENT NOTES

1. THE SITE ASSESSMENT SHALL BE PERFORMED BY INDIVIDUALS WITH THE FOLLOWING QUALIFICATIONS:
   - A LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT
   - A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC) OR
   - A PERSON THAT SUCCESSFULLY COMPLETED THE "LEVEL II DESIGN PRINCIPLES FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES" COURSE.

2. QUALITY ASSURANCE OF EROSION PREVENTION AND SEDIMENT CONTROLS SHALL BE DONE BY PERFORMING SITE ASSESSMENT AT A CONSTRUCTION SITE. THE SITE ASSESSMENT SHALL BE CONDUCTED AT EACH OUTFALL INVOLVING DRAINAGE TOTALING 10 OR MORE ACRES OR 5 OR MORE ACRES IF DRAINING TO AN IMPAIRED OR EXCEPTIONAL QUALITY WATERS, WITHIN A MONTH OF CONSTRUCTION COMMENCING AT EACH PORTION OF THE SITE THAT DRAINS THE QUALIFYING ACREAGE OF SUCH PORTION OF THE SITE.

3. AS A MINIMUM, SITE ASSESSMENT SHOULD BE PERFORMED TO VERIFY THE INSTALLATION, FUNCTIONALITY AND PERFORMANCE OF THE EPSC MEASURES DESCRIBED IN THE SWPPP REPORT. THE SITE ASSESSMENT SHOULD BE PERFORMED WITH THE INSPECTOR, AND SHOULD INCLUDE A REVIEW AND UPDATE (IF APPLICABLE) OF THE SWPPP REPORT. MODIFICATIONS OF PLANS AND SPECIFICATIONS FOR ANY BUILDING OR STRUCTURE, INCLUDING THE DESIGN OF SEDIMENT BASINS OR OTHER SEDIMENT CONTROLS INVOLVING STRUCTURAL, HYDRAULIC, HYDROLOGIC OR OTHER ENGINEERING CALCULATIONS SHALL BE PREPARED BY A LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT AND STAMPED AND CERTIFIED IN ACCORDANCE WITH THE TENNESSEE CODE ANNOTATED, TITLE 62, CHAPTER 2 AND THE RULES OF THE TENNESSEE BOARD OF ARCHITECTURAL AND ENGINEERING EXAMINERS.

4. THE SITE ASSESSMENT FINDINGS SHALL BE DOCUMENTED AND THE DOCUMENTATION KEPT WITH THE SWPPP REPORT AT THE SITE. AT A MINIMUM, THE DOCUMENTATION SHALL INCLUDE INFORMATION INCLUDED IN THE INSPECTION FORM PROVIDED IN APPENDIX D OF THE SWPPP REPORT. THE DOCUMENTATION MUST CONTAIN THE PRINTED NAME AND SIGNATURE OF THE INDIVIDUAL PERFORMING THE SITE ASSESSMENT AND THE FOLLOWING CERTIFICATION:

   "I CERTIFY UNDER PENALTY OF LAW THAT THIS REPORT AND ALL ATTACHMENTS ARE, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

5. THE SITE ASSESSMENT CAN TAKE THE PLACE OF ONE OF THE TWICE WEEKLY INSPECTIONS REQUIREMENT.

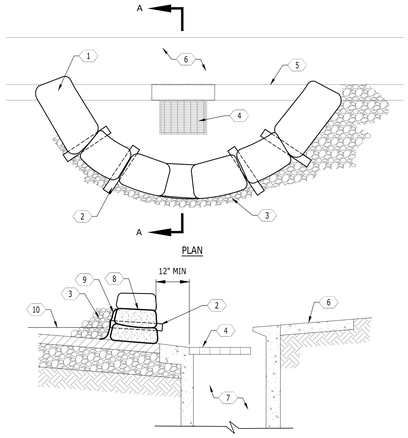
6. MODNR MAY REQUIRE ADDITIONAL SITE ASSESSMENT(S) TO BE PERFORMED IF SITE INSPECTION BY MODNR'S PERSONNEL REVEALS SITE CONDITIONS THAT HAVE POTENTIAL OF CAUSING POLLUTION TO THE WATERS OF THE STATE.

NOTE:

CONTRACTOR SHALL INSTALL A 4'X4' WEATHER PROOF SIGN (6' HEIGHT) AT THE MAIN CONSTRUCTION ENTRANCE. THE SIGN SHALL HAVE THE FOLLOWING INFORMATION:

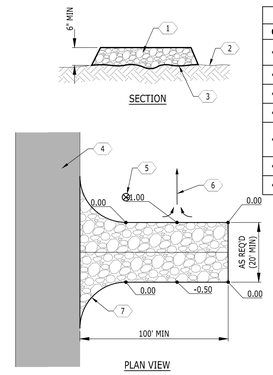
1. A COPY OF THE NOTICE OF COVERAGE WITH THE NPDES PERMIT NUMBER (FURNISHED BY ENGINEER).
2. THE NAME AND TELEPHONE NUMBER OF A LOCAL CONTACT PERSON (FURNISHED BY CONSTRUCTION MANAGER).
3. DESCRIPTION OF PROJECT (FURNISHED BY CONSTRUCTION MANAGER).

KEYNOTES	
CODE	DESCRIPTION
1	SAND BAGS; OVERLAP ONTO CURB
2	PVC PIPE; 2"-3" DIA.; PLACE BETWEEN FIRST AND SECON LAYERS OF SAND BAGS (TYP.)
3	CLEAN, WASHED, STONE FILTER (3/4" DIA. NOMINAL SIZE GRAVEL OR APPROVED EQUAL); LINE ENTIRE OUTER PERIMETER OF THE SANDBAG BARRIER;
4	CURB INLET
5	BACK OF CURB
6	SIDEWALK
7	CATCH BASIN
8	SPILWAY
9	FILTER FABRIC
10	ALLOWABLE PONDING ELEV.
	NOTE: 1. NOT APPLICABLE IN AREAS OF HIGH SILTS AND CLAYS WITHOUT USE OF FILTER FABRIC LAYER. 2. PERIODICALLY REMOVE AND REPLACE GRAVEL. OLD GRAVEL MAY BE USED AS BACKFILL MATERIAL IF APPROVED BY THE ENGINEER.



4 **SAND BAG CURB INLET PROTECTION**

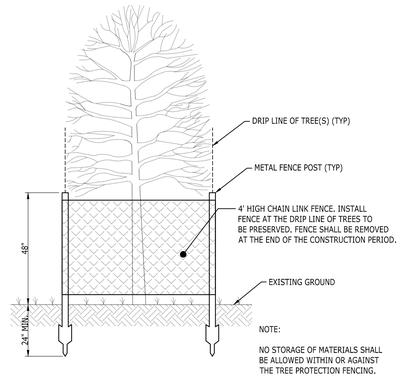
NOT TO SCALE



KEYNOTES	
CODE	DESCRIPTION
1	COARSE AGGREGATE; ASM D448 NO. 1 STONE (1.5" - 3.5" DIA.)
2	ORIGINAL GRADE
3	FILTER FABRIC;
4	EXISTING STREET
5	WATER PROVIDED TO WASH TIRES, AS DIRECTED BY ENGINEER
6	SWALE TO SEDIMENT TRAP
7	20' MIN. RADIUS (TYP.)

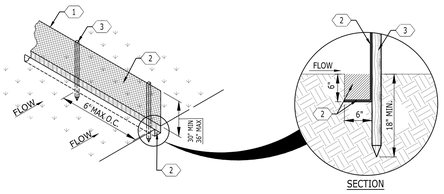
1 **TEMPORARY CONSTRUCTION ENTRANCE**

NOT TO SCALE

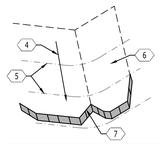


2 **TREE PROTECTION**

NOT TO SCALE



KEYNOTES	
CODE	DESCRIPTION
1	WOVEN WIRE FENCE BACKING FOR TYPE "B" SILT FENCE ONLY
2	ENGINEERING FILTER FABRIC*; BURY BOTTOM OF FABRIC IN 6"x6" TRENCH; BACKFILL TRENCH WITH SOIL AND COMPACT
3	POST; WOOD (2"x2" MIN.) OR STEEL T-POST (1.3 LB./FT. MIN.)
4	98' MAXIMUM RECOMMENDED SLOPE LENGTH
5	LEVEL CONTOUR; INSTALL SILT FENCE ALONG A LEVEL CONTOUR
6	MAX. TRIBUTARY AREA: 0.25 Ac. / 100 FT. OF FENCE
7	TURN LAST 6' OF FENCE UP SLOPE



SPECIFICATIONS

Tensile Strength (Lbs. Min.) (1) (ASTM D-4632)	Warp-120 Fill -100	Warp-120 Fill -100
Elongation (%Max.) (ASTM D-4632)	40	40
AOS (Apparent Opening Size) (Max. Sieve Size) (ASTM D-4751)	#30	#30
Flow Rate (Gal/Min/Sq. Ft.) (GDT-87)	25	25
Ultraciolet Stability (2) (ASTM D-4632 after 300 hours weathering in accordance with ASTM D-4355)	80	80
Bursting Strength (PSI Min.) (ASTM D-3786 Diaphram Bursting Strength Tester)	175	175
Minimum Fabric Width (Inches)	36	22

3 **SILT FENCE - TYPES A & B**

NOT TO SCALE

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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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

SEDIMENT AND EROSION CONTROL DETAILS

C3.2

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JACKSON COUNTY

NO.	DATE	DESCRIPTION

DRAWING TITLE
SEDIMENT AND EROSION CONTROL DETAILS

PROJECT NUMBER
20240037

DRAWING NUMBER
C3.2

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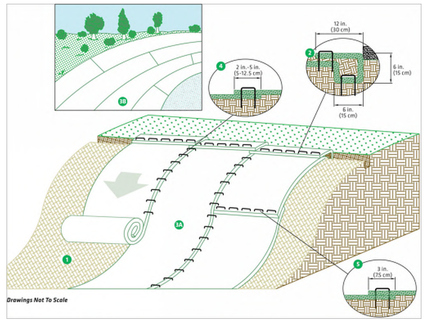
Slope Installation

The following slope guide outlines general recommendations for installing RollMax™ System temporary and/or permanent RECPs on sloping applications. Consult the staple pattern guide (Figure 1) for fastener spacing recommendations based on the slope severity.



Drawings Not To Scale

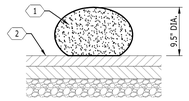
SLOPE INSTALLATION STEPS

1. Prepare soil before installing RECPs, including any necessary application of lime, fertilizer and seed.
2. Begin at the top of the slope by anchoring the RECPs in a 6 in. (15 cm) deep x 6 in. (15 cm) wide trench with approximately 12 in. (30 cm) of RECPs extended beyond the upslope portion of the trench. Anchor the RECPs with a row of staples/stakes approximately 12 in. (30 cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12 in. (30 cm) portion of RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes spaced approximately 12 in. (30 cm) apart across the width of the RECPs.
3. Roll the RECPs (3A) down or (3B) horizontally across the slope. RECPs will unroll with appropriate side against the soil surface. All RECPs must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide.
4. The edges of parallel RECPs must be stapled with an approximately 2 in.-5 in. (5-12.5 cm) overlap depending on the RECP type.
5. Consecutive RECPs spliced down the slope must be end-over-end (shingle style) with an approximate 3 in. (7.5 cm) overlap. Staple through overlapped area, approximately 12 in. (30 cm) apart across entire RECPs width.*

***NOTE:** In adverse soil conditions longer staples/stakes or earth anchors may be necessary to properly secure the RECPs.*

4 **TURF REINFORCEMENT MATTING**

NOT TO SCALE



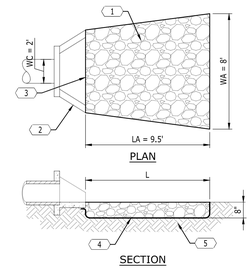
SECTION

KEYNOTES	
CODE	DESCRIPTION
1	SILTATION EEL DEVICE; USED IN AREAS WHERE EXISTING PAVEMENT PREVENTS THE USE OF SILT FENCE; STABILIZE THE SILTATION EEL BY PLACING SANDBAGS SPACED A MAX. OF 8' O.C. ON TOP OF THE DEVICE
2	PAVEMENT SURFACE

1 **TEMPORARY SILTATION EEL**

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	RIP-RAP TO BE HAND-PLACED NATIVE LIMESTONE PLACED TO A MIN. DEPTH OF 1.5'.
2	CONCRETE HEADWALL
3	MATCH HEADWALL APRON WIDTH
4	FILTER FABRIC; MIRAFI 180N/BP 4553 OR AN APPROVED EQUIVALENT
	NOTE; 1. RIP-RAP STONE SHALL BE "FRACTURED FACED" WITH AT LEAST THREE DISTINCT SIDES. PROVIDE AND INSTALL IN ACCORDANCE WITH SECTION 709 OF THE CURRENT EDITION OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAYS-NASHVILLE-STADARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. 2. d50 BY DEFINITION = 50 PERCENT OF THE STONE BY WEIGHT SHALL BE THE SIZE NOTED OR SMALLER. 3. THE CONTRACTOR SHALL UNIFORMLY DISTRIBUTE STONE SIZES THROUGHOUT THE RIP-RAP PAD.



LA = 8' (PER USDA CHARTS)
WA = 3WC + 0.4LA
= 9.2' = 9.5'

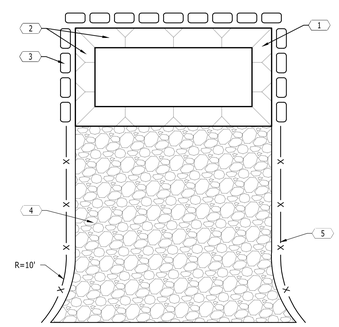
PLAN

SECTION

2 **RIP-RAP OUTLET PROTECTION**

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	CONCRETE WASH-OUT; 10'x20'; LINE WITH IMPERMEABLE GEOTEXTILE FABRIC AND SHALL HAVE A MIN. 12' DEPTH.
2	SLOPE SIDES 1:1
3	SANDBAGS
4	WASH-OUT GRAVEL ENTRANCE; 20'x20'; EDGE OF ENTRANCE TO BE LOCATED ON THE CURB EDGE OF ROADWAY
5	SILT FENCE; STAKE DOWN FIRST 10 FEET AT ENTRANCE WITH IRON RODS SPACED AT 12" O.C.
	NOTE: 1. TEMPORARY PIT SHALL BE CONSTRUCTED DEEP ENOUGH TO HANDLE ALL ANTICIPATED SLURRY, SOLID WASTE AND DIRECT RAINFALL. 2. NO RUNOFF SHALL LEAVE THE WASH-OUT AREA. 3. WASH-OUT WASTES INTO TEMPORARY PIT WHERE CONCRETE CAN SET, BE BROKEN UP AND PROPERLY DISPOSED OF. 4. WASH-OUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES CONSTRUCTED AND READY FOR USE, ONCE THE WASH-OUT IS 75% FULL. 5. WASH-OUT SHALL BE LOCATED A MIN. OF 50' AWAY FROM STORM DRAINS, OPEN DITECHES, WETLANDS AND WATER BODIES. 6. SIGNAGE INDENTIFYING THE CONCRETE WASH-OUT AREA SHALL BE INSTALLED WITHIN 5' OF THE WASH-OUT FACILITY.



3 **CONCRETE WASH-OUT**

NOT TO SCALE

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Devenney GROUP

Devenney Group Ltd., Architects

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Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

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

LEE'S SUMMIT MEDICAL CENTER
2100 SE BLUE PARKWAY
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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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

CONSTRUCTION DOCUMENTS
HCA LEE'S SUMMIT
MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION

REVISIONS		
REV #	DESCRIPTION	DATE

DRAWING TITLE
SEDIMENT AND EROSION CONTROL DETAILS

PROJECT NUMBER
20240037

DRAWING NUMBER
C3.3

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

SEDIMENT AND EROSION CONTROL DETAILS

C3.3

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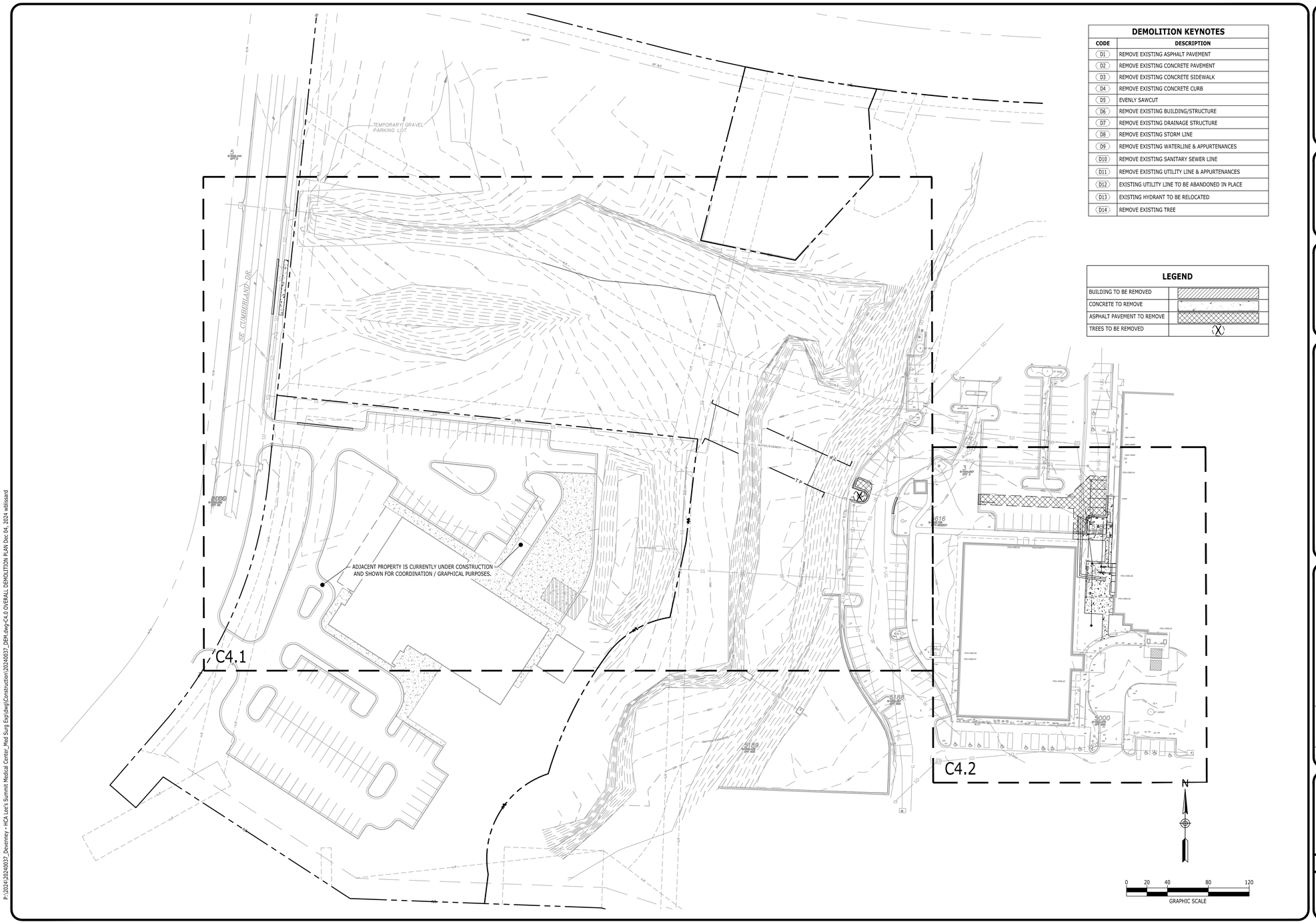

DEMOLITION KEYNOTES

CODE	DESCRIPTION
D1	REMOVE EXISTING ASPHALT PAVEMENT
D2	REMOVE EXISTING CONCRETE PAVEMENT
D3	REMOVE EXISTING CONCRETE SIDEWALK
D4	REMOVE EXISTING CONCRETE CURB
D5	EVENLY SAWCUT
D6	REMOVE EXISTING BUILDING/STRUCTURE
D7	REMOVE EXISTING DRAINAGE STRUCTURE
D8	REMOVE EXISTING STORM LINE
D9	REMOVE EXISTING WATERLINE & APPURTENANCES
D10	REMOVE EXISTING SANITARY SEWER LINE
D11	REMOVE EXISTING UTILITY LINE & APPURTENANCES
D12	EXISTING UTILITY LINE TO BE ABANDONED IN PLACE
D13	EXISTING HYDRANT TO BE RELOCATED
D14	REMOVE EXISTING TREE

LEGEND

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

Catalyst DESIGN GROUP
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NO.	DATE	DESCRIPTION

DRAWING TITLE
OVERALL DEMOLITION PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
C4.0

Devenney GROUP
Devenney Group Ltd., Architects
6900 East Camelback Road
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www.devenneygroup.com

Consultant:

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LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
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FACILITY NUMBER:
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AGENCY

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OVERALL
DEMOLITION PLAN

C4.0

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DETAILED DEMOLITION PLAN

PROJECT NUMBER
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DETAILED DEMOLITION PLAN

C4.1

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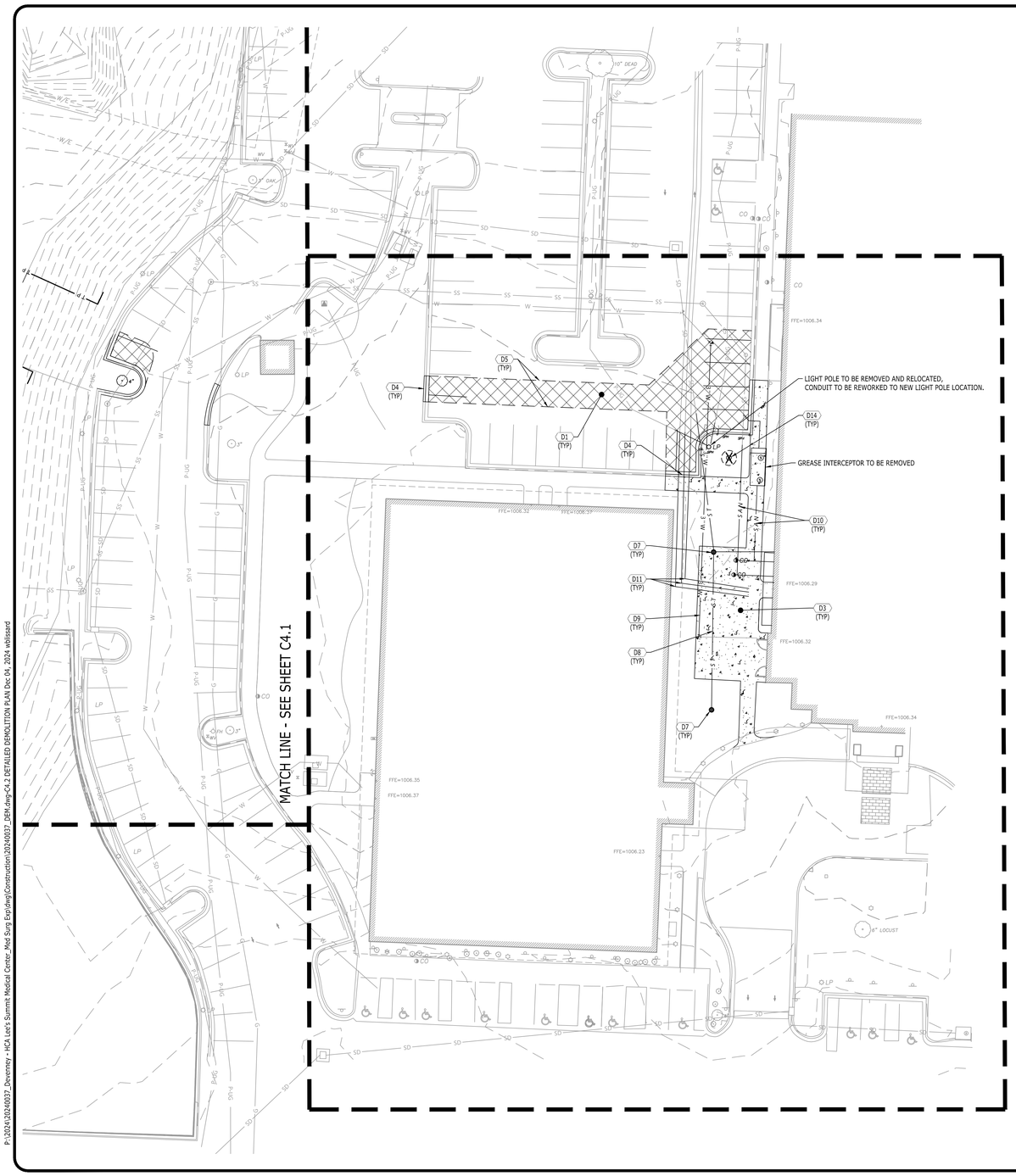

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DEMOLITION KEYNOTES

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LEGEND

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

N

0 10 20 40 60
GRAPHIC SCALE

Catalyst DESIGN GROUP
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CONSTRUCTION DOCUMENTS
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LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION

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DETAILED DEMOLITION PLAN

PROJECT NUMBER
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C4.2

Devenney GROUP

Devenney Group Ltd., Architects

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

AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS

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DETAILED DEMOLITION PLAN

C4.2

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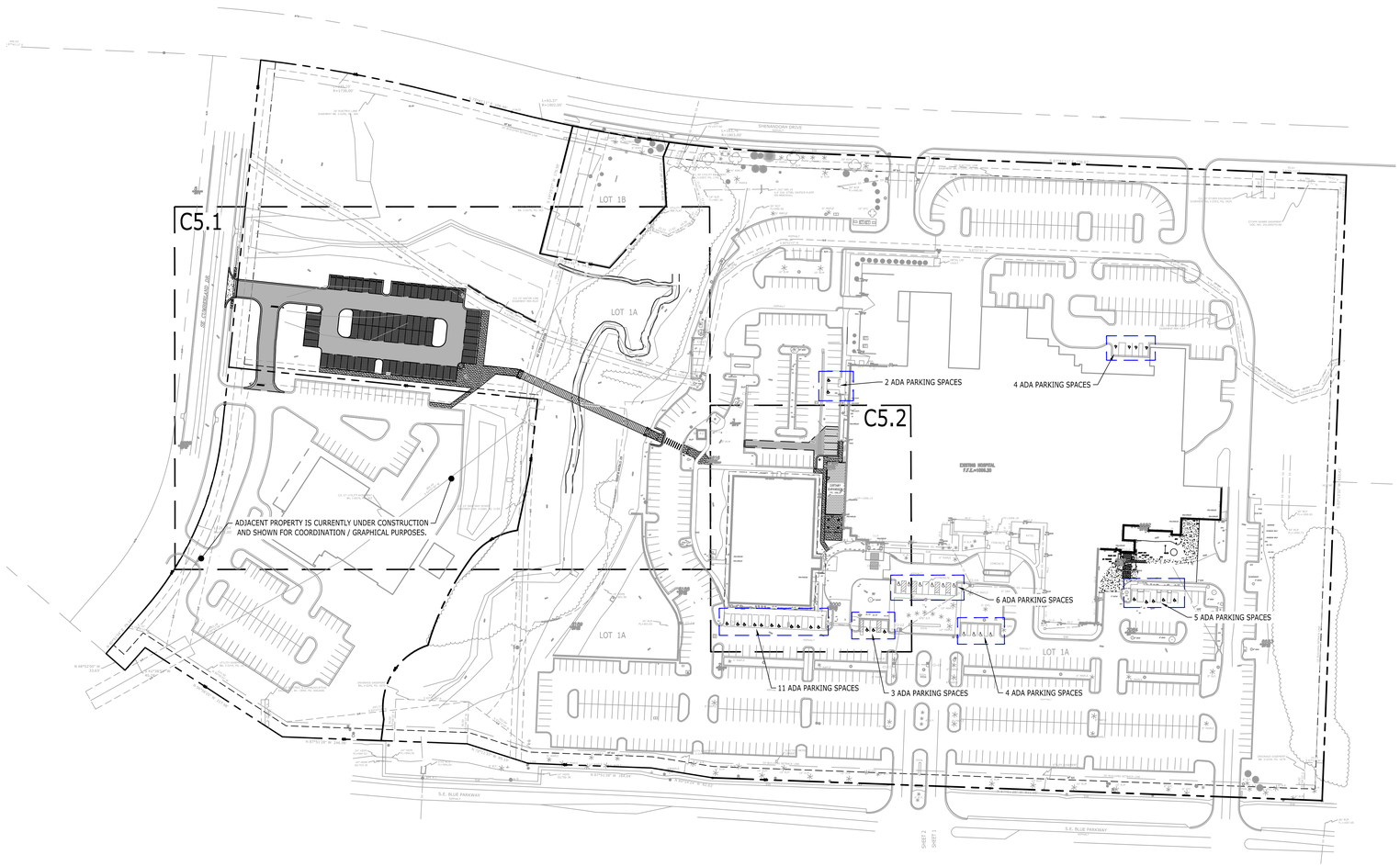

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LEGEND

CONCRETE PAVEMENT	
CONCRETE SIDEWALK	
HEAVY DUTY PAVEMENT	
LIGHT DUTY PAVEMENT	
PAINTED STRIPE	
CONCRETE CURB	
CENTERLINE	

SITE LAYOUT KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
S1A	ASPHALT PAVEMENT - LIGHT DUTY	1 / C8.0
S1B	ASPHALT PAVEMENT - HEAVY DUTY	1 / C8.0
S3B	CONCRETE POST CURB	10 / C8.0
S3C	CONCRETE CURB & GUTTER	2 / C8.0
S4A	CONCRETE SIDEWALK	5 / C8.0
S4B	CONCRETE SIDEWALK WITH TURN DOWN CURB	8 / C8.0
S4C	CONCRETE SIDEWALK AT CURB & GUTTER	3 / C8.0
S5	SIDEWALK JOINTS	6 / C8.0
S6	CONCRETE FLUME	2 / C8.1
S10	ACCESSIBLE RAMP	3 / C8.1
S14	BOLLARD	12 / C8.0
S15	PEDESTRIAN CROSSWALK SIGN	7 / C8.0
S16	STOP SIGN	4 / C8.0
S20	CONCRETE RETAINING WALL (WITH GUARDRAIL)	1 & 4 / C8.1
S21	CONCRETE WHEEL STOP	8 / C8.1
S22	ELEVATED WALK (WITH GUARDRAIL)	1 & 2 / C8.2

SITE DATA

TAX MAP:	60
PARCEL ID.:	60-420-99-15-00-0-00-000
SITE ADDRESS:	2000 SHENANDOAH DRIVE LEE'S SUMMIT, MO 64063
SITE ACREAGE:	24.48 AC. (1,066,349 FT²)
EXISTING ZONING:	CP-2
PROPOSED USE:	HOSPITAL

IMPERVIOUS SURFACE AREA

BUILDINGS:	0.04 AC. (1,766 FT²)
DRIVES/SIDEWALKS:	0.94 AC. (40,787 FT²)
TOTAL PROPOSED IMPERVIOUS AREA:	0.98 AC. (42,553 FT²)

PARKING SUMMARY

PARKING REQUIRED:	
HOSPITAL:	1.8 SPACES / BED
MOB:	5 SPACES / 1,000SF
PROPOSED 26 BED FACILITY:	1.8 SPACES / BED

LEE'S SUMMIT MEDICAL CENTER

COMPONENT	EXISTING PARKING	DISPLACED PARKING	ADDED PARKING	ACTUAL PARKING	CODE REQUIRED PARKING
EXISTING (88 BEDS + 122,799 SF OF MOB'S	752	0	0	752	773
PROPOSED PROJECT - (26 BED ADD/TOTAL 114 BEDS	752	2	75	825	820

TOTAL PARKING REQUIRED:	
88 BEDS X 1.8 SPACES =	159 SPACES REQUIRED
(122,799 SF OF MOB'S / 1,000SF) X 5 =	614 SPACES REQUIRED
26 BEDS X 1.8 SPACES =	47 SPACES REQUIRED
TOTAL REQUIRED:	820 SPACES REQUIRED
EXISTING PARKING:	752 SPACES
PARKING PROVIDED:	
STANDARD PARKING:	795 SPACES
ADA PARKING:	35 SPACES
TOTAL PROVIDED PARKING:	825 SPACES

THE 35 EXISTING ADA SPACES EXCEED THE ADA PARKING REQUIREMENT (17 ADA SPACES) WITH THE REMOTE PARKING LOT ADDITION.

OWNER:	MIDWEST DIVISION LSH LLC
ADDRESS:	PO BOX 80610 INDIANAPOLIS, IN 46280
PROJECT REPRESENTATIVE:	CATALYST DESIGN GROUP
ADDRESS:	1524 WILLIAMS DRIVE MURFREESBORO, TN 37129
PHONE NO.:	615-701-6411
CONTACT NAME:	JACK PARKER
CONTACT E-MAIL ADDRESS:	jparker@catalyst-dg.com

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

N

0 37.5 75 150 225
GRAPHIC SCALE

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

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CONSTRUCTION DOCUMENTS
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NO.	DATE	DESCRIPTION

DRAWING TITLE
OVERALL LAYOUT PLAN

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OVERALL LAYOUT PLAN

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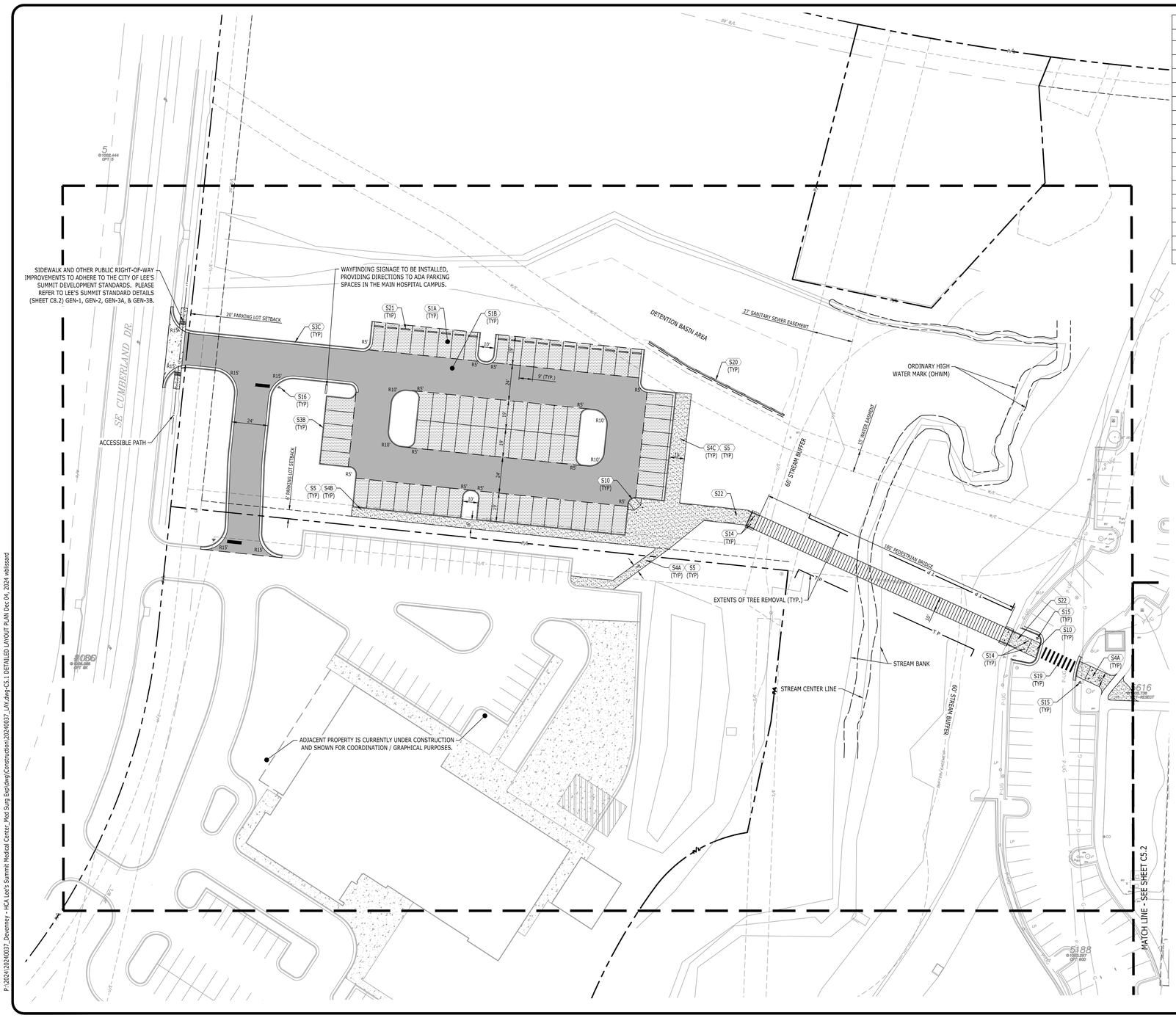

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CONCRETE PAVEMENT	
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HEAVY DUTY PAVEMENT	
LIGHT DUTY PAVEMENT	
PAINTED STRIPE	
CONCRETE CURB	
CENTERLINE	
TACTILE WARNING	

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C5.1

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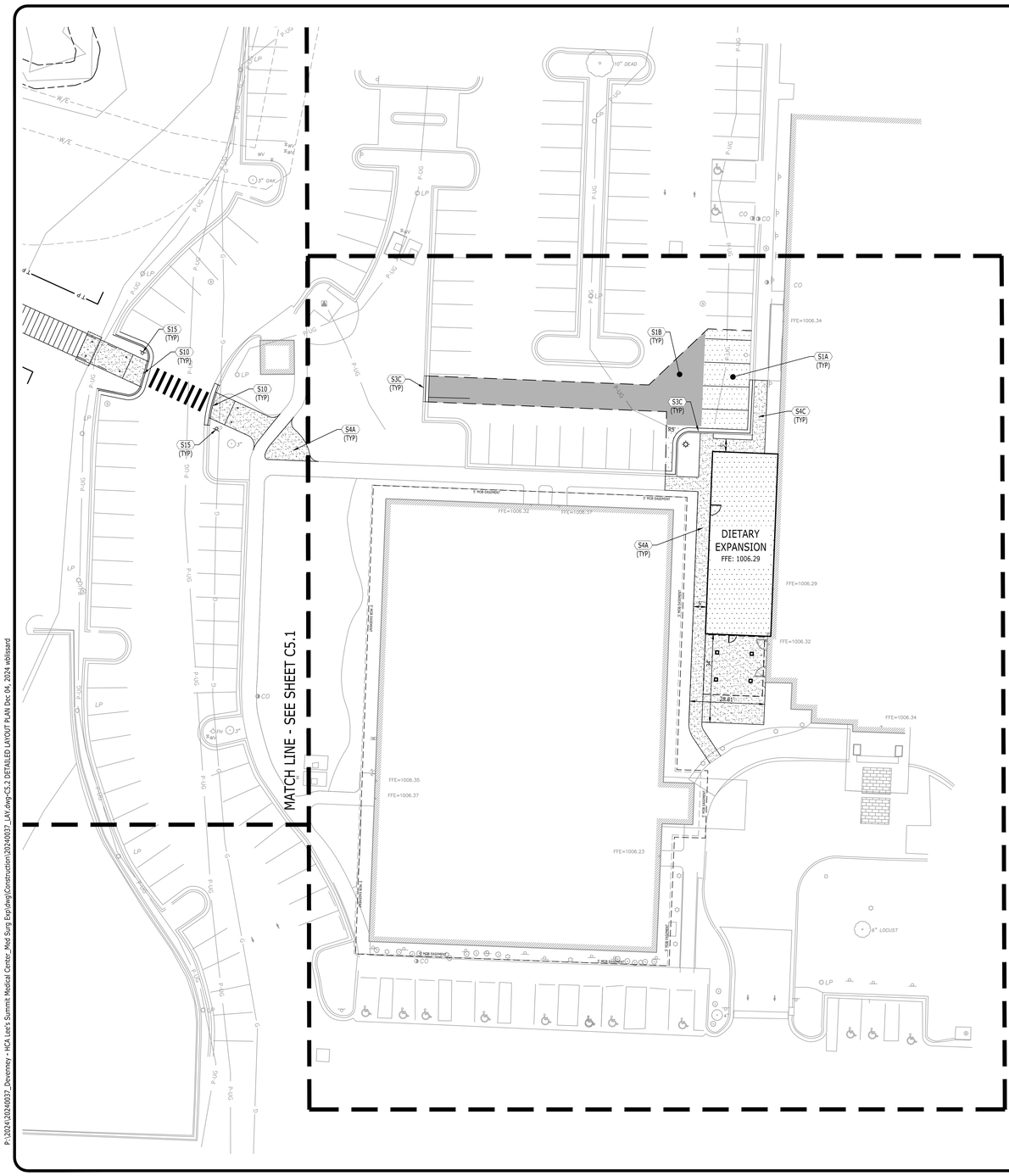

SITE LAYOUT KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
S1A	ASPHALT PAVEMENT - LIGHT DUTY	1 / C8.0
S1B	ASPHALT PAVEMENT - HEAVY DUTY	1 / C8.0
S3B	CONCRETE POST CURB	10 / C8.0
S3C	CONCRETE CURB & GUTTER	2 / C8.0
S4A	CONCRETE SIDEWALK	5 / C8.0
S4B	CONCRETE SIDEWALK WITH TURN DOWN CURB	8 / C8.0
S4C	CONCRETE SIDEWALK AT CURB & GUTTER	3 / C8.0
S5	SIDEWALK JOINTS	6 / C8.0
S6	CONCRETE FLUME	2 / C8.1
S10	ACCESSIBLE RAMP	3 / C8.1
S14	BOLLARD	12 / C8.0
S15	PEDESTRIAN CROSSWALK SIGN	7 / C8.0
S16	STOP SIGN	4 / C8.0
S20	CONCRETE RETAINING WALL (WITH GUARDRAIL)	1 & 4 / C8.1
S21	CONCRETE WHEEL STOP	8 / C8.1
S22	ELEVATED WALK (WITH GUARDRAIL)	1 & 2 / C8.2

LEGEND

CONCRETE PAVEMENT	
CONCRETE SIDEWALK	
HEAVY DUTY PAVEMENT	
LIGHT DUTY PAVEMENT	
PAINTED STRIPE	
CONCRETE CURB	
CENTERLINE	

N

0 10 20 40 60
GRAPHIC SCALE

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(615) 622-7200 | WWW.CATALYST-DG.COM

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LEE'S SUMMIT, MO 64063
816-282-5000

CONSTRUCTION DOCUMENTS
HCA LEE'S SUMMIT MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION

DRAWING TITLE
DETAILED LAYOUT PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
C5.2

Devenney GROUP
Devenney Group Ltd., Architects
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Consultant:

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2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE

DATE:	2024/12/05
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REVIEWED:	WB
JOB NUMBER:	6406.24

DETAILED LAYOUT PLAN

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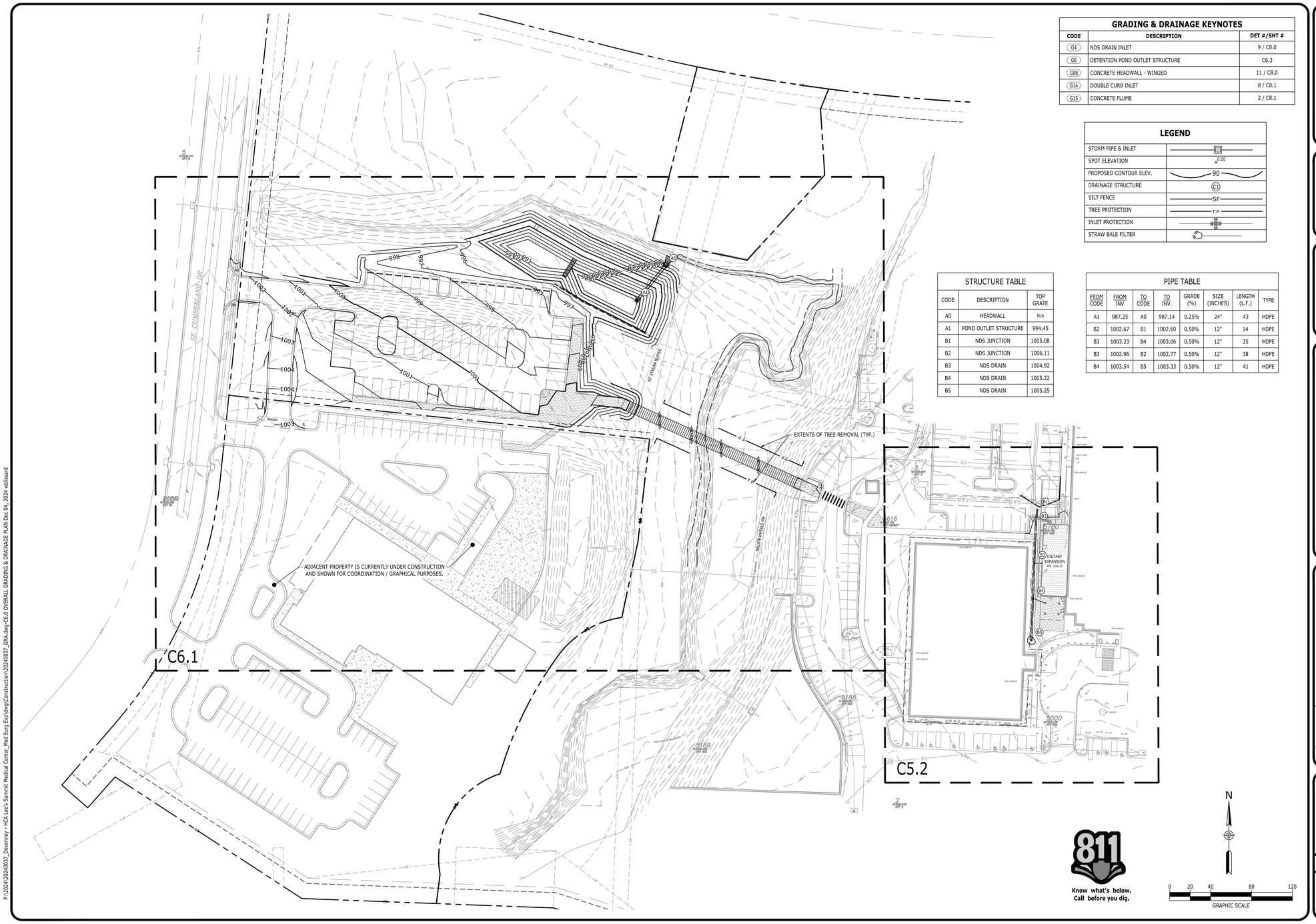

GRADING & DRAINAGE KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
G4	NDS DRAIN INLET	9 / C8.0
G6	DETENTION POND OUTLET STRUCTURE	C6.3
G8B	CONCRETE HEADWALL - WINGED	11 / C8.0
G14	DOUBLE CURB INLET	8 / C8.1
G15	CONCRETE FLUME	2 / C8.1

LEGEND

STORM PIPE & INLET	
SPOT ELEVATION	0.00
PROPOSED CONTOUR ELEV.	90
DRAINAGE STRUCTURE	C1
SILT FENCE	SF
TREE PROTECTION	T P
INLET PROTECTION	IP
STRAW BALE FILTER	SB

STRUCTURE TABLE

CODE	DESCRIPTION	TOP GRATE
A0	HEADWALL	N/A
A1	POND OUTLET STRUCTURE	994.45
B1	NDS JUNCTION	1005.08
B2	NDS JUNCTION	1006.11
B3	NDS DRAIN	1004.92
B4	NDS DRAIN	1005.22
B5	NDS DRAIN	1005.25

PIPE TABLE

FROM CODE	FROM INV	TO CODE	TO INV.	GRADE (%)	SIZE (INCHES)	LENGTH (L.F.)	TYPE
A1	987.25	A0	987.14	0.25%	24"	43	HDPE
B2	1002.67	B1	1002.60	0.50%	12"	14	HDPE
B3	1003.23	B4	1003.06	0.50%	12"	35	HDPE
B3	1002.96	B2	1002.77	0.50%	12"	38	HDPE
B4	1003.54	B5	1003.33	0.50%	12"	41	HDPE

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JACKSON COUNTY

NO.	DATE	DESCRIPTION

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OVERALL GRADING & DRAINAGE PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
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MISSOURI DHSS

FACILITY NUMBER:
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AGENCY APPROVALS:
AGENCY

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JOB NUMBER:	6406.24

OVERALL GRADING & DRAINAGE PLAN

C6.0

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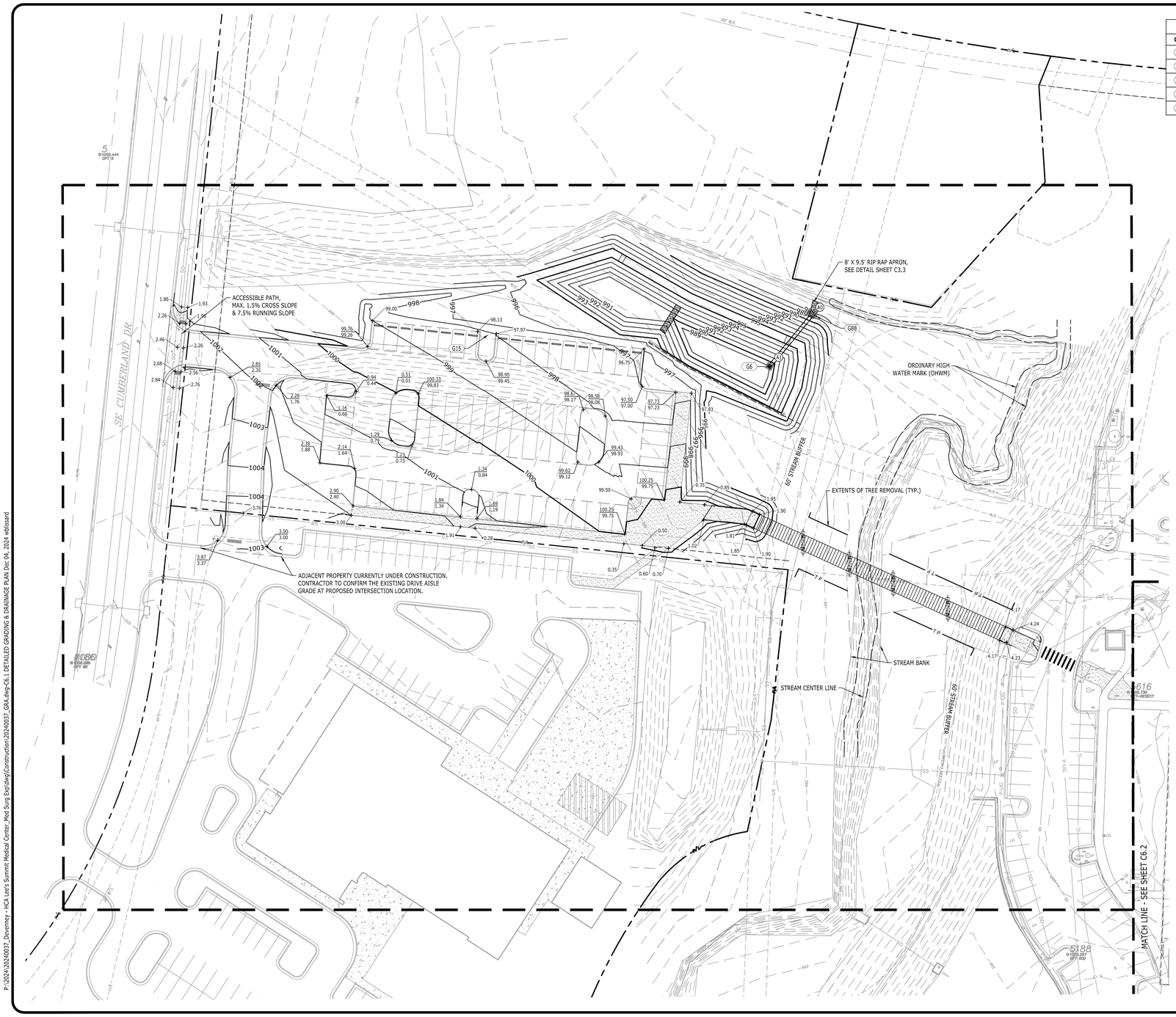

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LEGEND

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DRAINAGE STRUCTURE	C1
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TREE PROTECTION	T P
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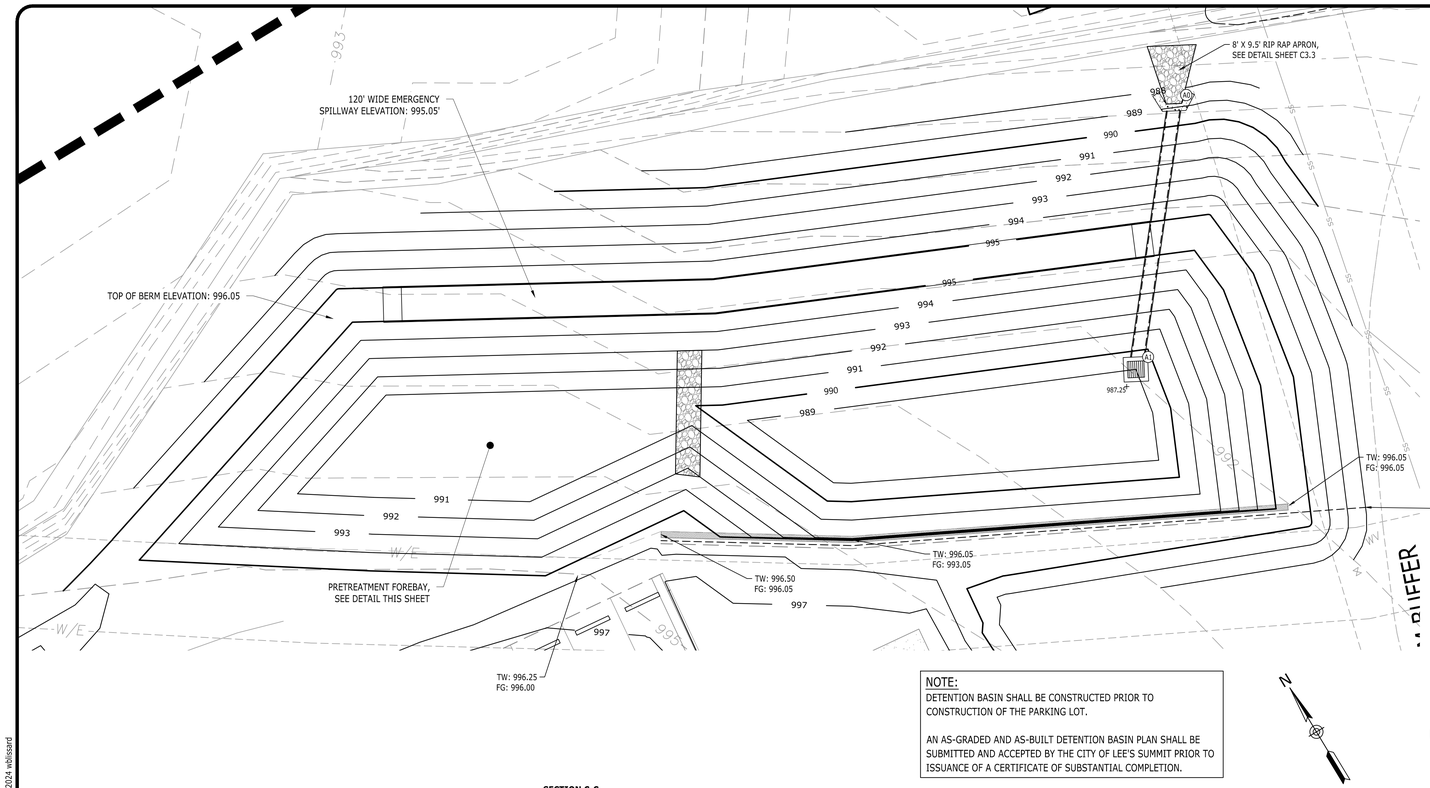

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G15	CONCRETE FLUME	2 / C8.1

LEGEND	
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TREE PROTECTION	T P
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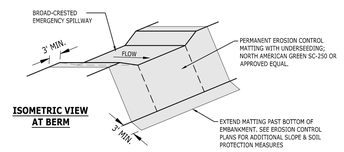
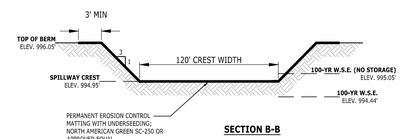


ISOMETRIC VIEW AT BERM



SECTION B-B

NOTE:
DETENTION BASIN SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTION OF THE PARKING LOT.

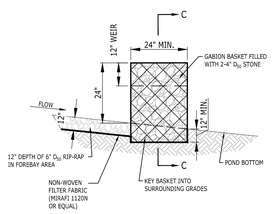
AN AS-GRADED AND AS-BUILT DETENTION BASIN PLAN SHALL BE SUBMITTED AND ACCEPTED BY THE CITY OF LEE'S SUMMIT PRIOR TO ISSUANCE OF A CERTIFICATE OF SUBSTANTIAL COMPLETION.

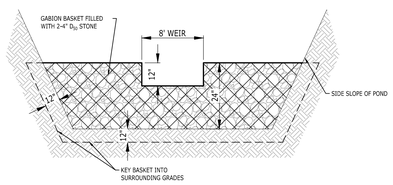
Know what's below. Call before you dig.

GRAPHIC SCALE 0 5 10 20 30

EMERGENCY SPILLWAY

SECTION C-C



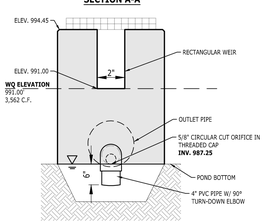


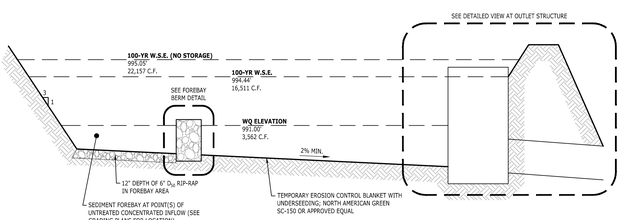
FOREBAY BERM

DETENTION POND NOTES

1. AREA OF EMBANKMENT, OUTLET STRUCTURE(S), AND DOWNSTREAM OF EMERGENCY SPILLWAY(S) SHALL BE CLEARED OF ALL TREES, VEGETATION, ROOTS, AND OTHER OBSTRUCTIONS. THE PONDING AREA OF THE IMPOUNDMENT (BELOW THE 100-YEAR W.S.E.) SHALL BE KEPT CLEAR OF TREES AND OVERGROWTH TO FACILITATE MAINTENANCE AND ACCESS.
2. EMBANKMENT MATERIALS SHALL BE SELECTED BY THE GEOTECHNICAL ENGINEER AND SHALL BE TESTED, INSTALLED, AND COMPACTED AT THEIR DIRECTION. EMBANKMENT MATERIAL SHALL BE FREE OF ROOTS, CONSTRUCTION WASTE, OR DECOMPOSABLE MATERIAL.
3. THE TOP OF BERM SHALL BE CONSTRUCTED ±5% ABOVE THE DESIGN HEIGHT (AS A PERCENTAGE OF THE TOTAL HEIGHT OF THE IMPOUNDMENT) TO ALLOW FOR SETTLEMENT, AND SHOULD BE PROPERLY COMPACTED PER THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
4. THE EMBANKMENT & POND SHALL BE STABILIZED UPON COMPLETION OF THE SURROUNDING EARTHWORK WITH SOD, SEED/STRAW, MATTING, OR OTHER PLANTINGS AS REFLECTED IN THESE PLANS AND THE LANDSCAPE ARCHITECTURAL DOCUMENTS.

SECTION A-A

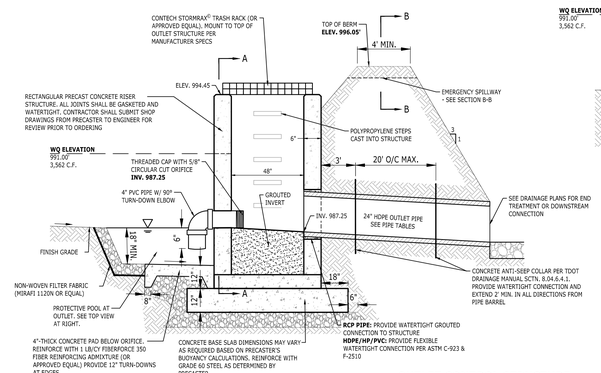




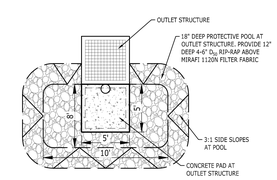
GENERIC BASIN SECTION VIEW

DRY DETENTION POND

NOT TO SCALE



OUTLET CONTROL STRUCTURE



TOP VIEW AT POOL

P:\20241\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\20240037_GRA_dwg-C6.3 DETENTION BASIN DETAILS Dec 04, 2024 wblissard

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DRAWING TITLE
DETENTION BASIN DETAILS

PROJECT NUMBER
20240037

DRAWING NUMBER
C6.3

DATE:	2024/12/05
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DRAWN:	AP
REVIEWED:	WB
JOB NUMBER:	6406.24

DETENTION BASIN DETAILS

C6.3

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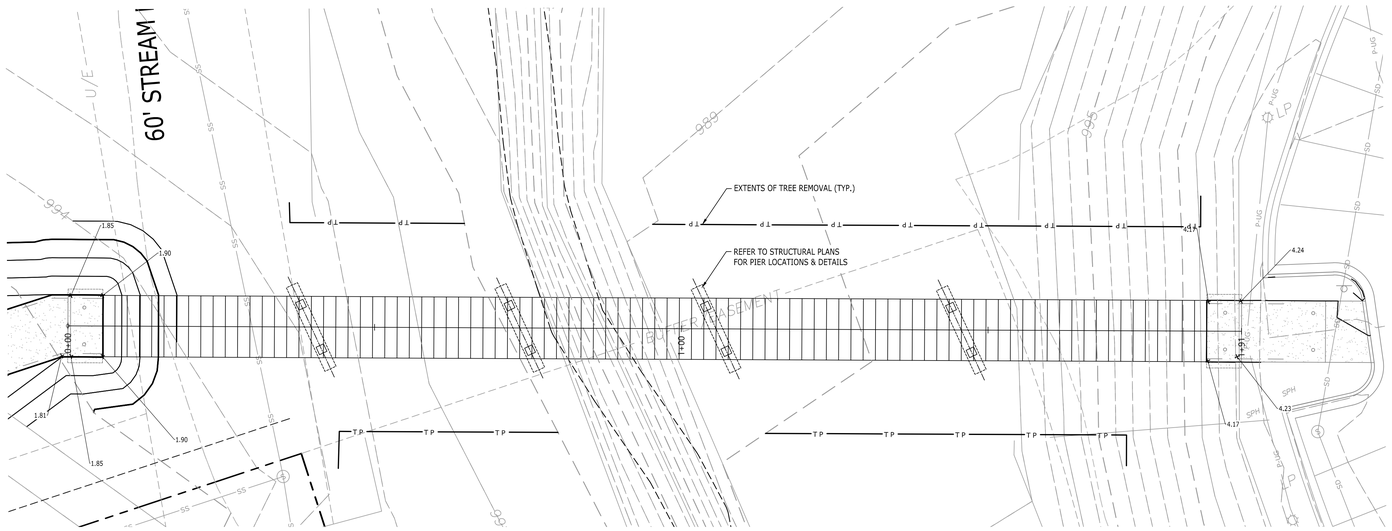


GRADING & DRAINAGE KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
G4	NDS DRAIN INLET	9 / C8.0
G6	DETENTION POND OUTLET STRUCTURE	C6.3
G88	CONCRETE HEADWALL - WINGED	11 / C8.0
G14	DOUBLE CURB INLET	8 / C8.1
G15	CONCRETE FLUME	2 / C8.1

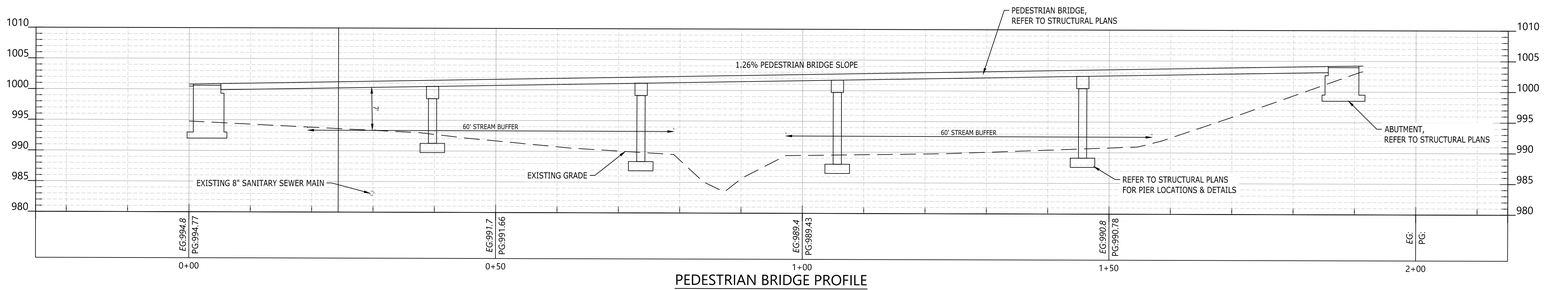
LEGEND

STORM PIPE & INLET	
SPOT ELEVATION	0.00
PROPOSED CONTOUR ELEV.	90
DRAINAGE STRUCTURE	C1
SILT FENCE	SF
TREE PROTECTION	T P
INLET PROTECTION	IP
STRAW BALE FILTER	SB

N

0 5 10 20 30

GRAPHIC SCALE



PEDESTRIAN BRIDGE PROFILE

SCALE H:1"=20'; V:1"=20'

811

Know what's below.
Call before you dig.

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\20240037_GRA.dwg-C6.4 PEDESTRIAN BRIDGE PLAN & PROFILE Dec 04, 2024 wbissard

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

LEE'S SUMMIT MEDICAL CENTER
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LEE'S SUMMIT, MO 64063
816-282-5000

CONSTRUCTION DOCUMENTS
HCA LEE'S SUMMIT
MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION

DRAWING TITLE
PEDESTRIAN BRIDGE
PLAN & PROFILE

PROJECT NUMBER
20240037

DRAWING NUMBER
C6.4

Devenney GROUP

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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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PEDESTRIAN BRIDGE
PLAN & PROFILE

C6.4

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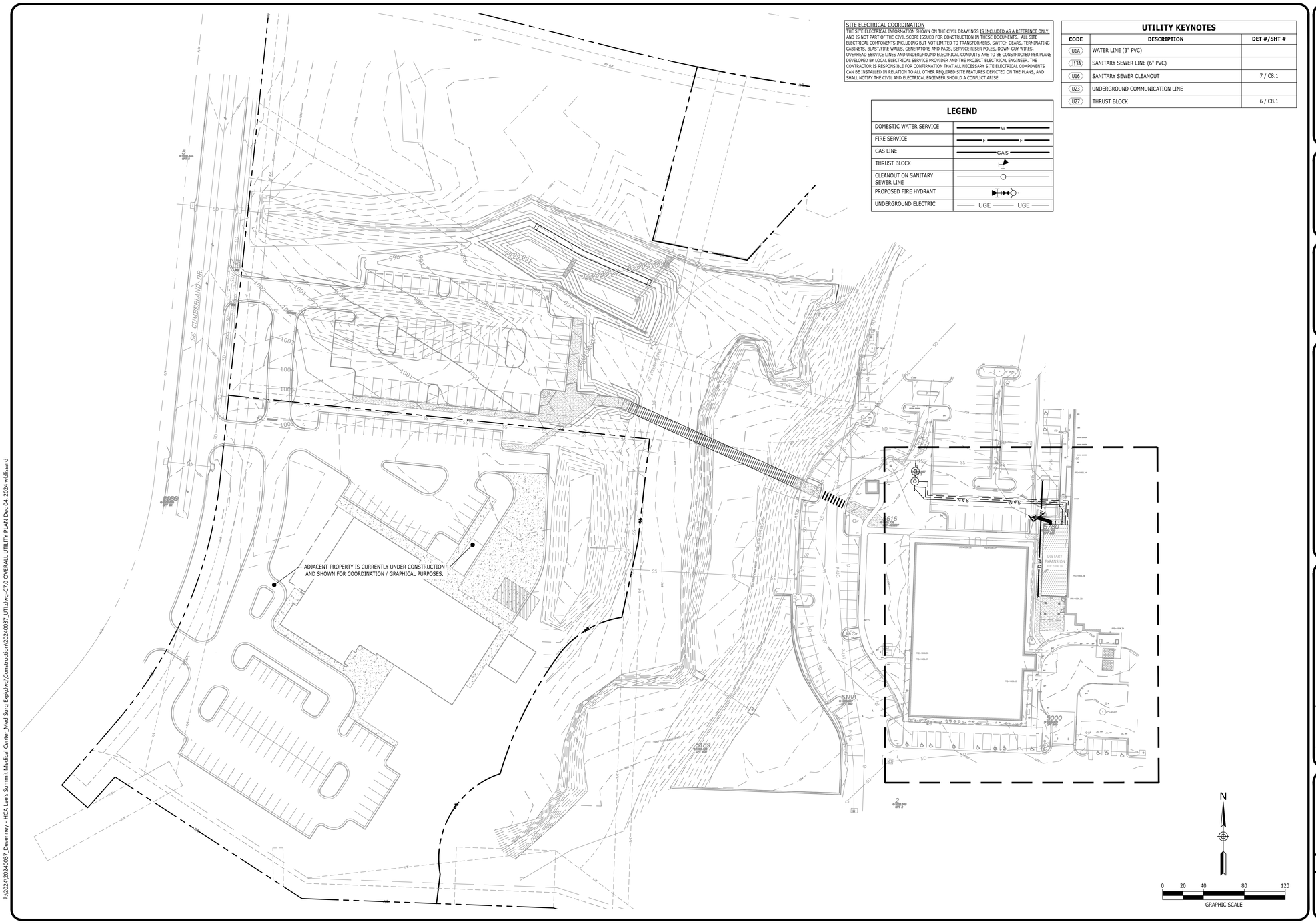

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LEGEND

DOMESTIC WATER SERVICE	W
FIRE SERVICE	F F
GAS LINE	GAS
THRUST BLOCK	
CLEANOUT ON SANITARY SEWER LINE	
PROPOSED FIRE HYDRANT	
UNDERGROUND ELECTRIC	UGE UGE

UTILITY KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
U1A	WATER LINE (3" PVC)	
U13A	SANITARY SEWER LINE (6" PVC)	
U16	SANITARY SEWER CLEANOUT	7 / C8.1
U23	UNDERGROUND COMMUNICATION LINE	
U27	THRUST BLOCK	6 / C8.1

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816-282-5000

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

NO.	DATE	DESCRIPTION

DRAWING TITLE
OVERALL UTILITY PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
C7.0

Devenney GROUP

Devenney Group Ltd., Architects

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Consultant:

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LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
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OVERALL UTILITY PLAN

C7.0

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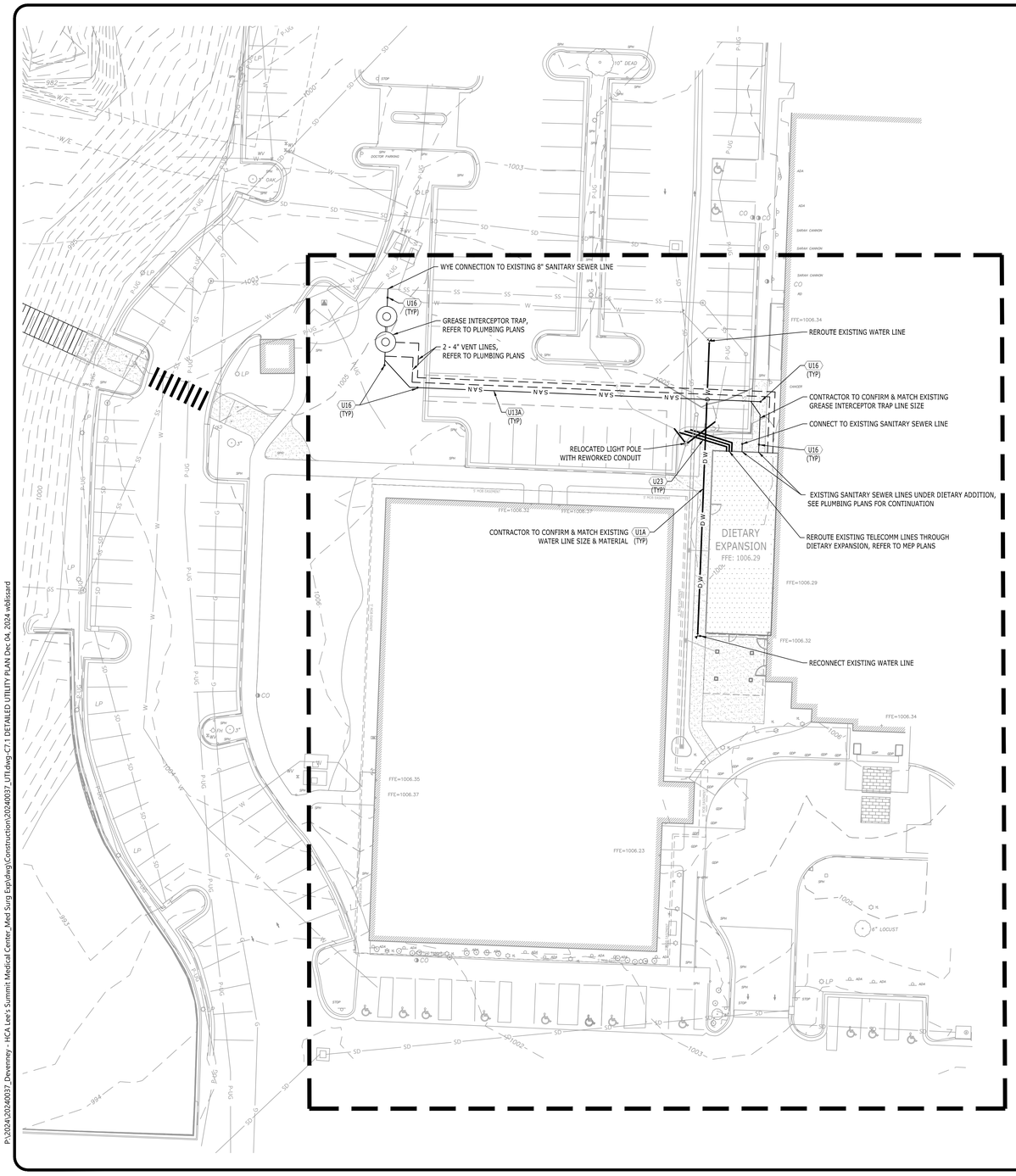

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FIRE SERVICE	F F
GAS LINE	GAS
THRUST BLOCK	
CLEANOUT ON SANITARY SEWER LINE	
PROPOSED FIRE HYDRANT	
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N

0 10 20 40 60

GRAPHIC SCALE

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C7.1

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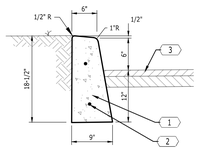


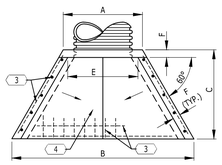
KEYNOTES	
CODE	DESCRIPTION
1	CONCRETE; 3500 PSI
2	NO. 4 BAR, CONTINUOUS; (2 TYP.)
3	FINISHED PAVEMENT GRADE

CONCRETE POST CURB

NOT TO SCALE

10

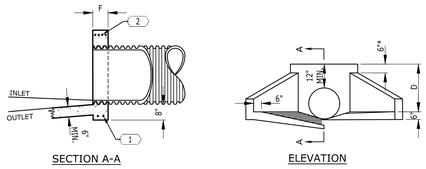
KEYNOTES	
CODE	DESCRIPTION
1	CONCRETE REINFORCEMENT; TWO, NO. 2 BARS
2	CONCRETE REINFORCEMENT; FOUR, NO. 4 BARS
3	CONCRETE REINFORCEMENT; NO. 4 BARS AT 12" O.C. EACH WAY IN FLOOR AND WALLS
4	SLOPE APRON TO DRAIN
	NOTE: CHAMFER ON ALL EXPOSED EDGES 1"



PLAN

TABLE OF DIMENSIONS				
SIZE	4'	6'	8'	10'
A	32"	48"	72"	96"
B	48"	72"	96"	120"
C	30"	44"	50"	56"
D	25"	36"	52"	66"
E	24"	36"	59"	83"
F	N/A	8"	8"	8"
MAX. OPG.	18"	26"	40"	L
WT. (LB)	1090	3130	5625	8575

* 0" ON 4' WINGED HEADWALL

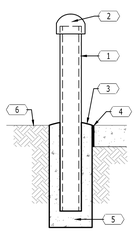


SECTION A-A ELEVATION

11

WINGED HEADWALL

NOT TO SCALE



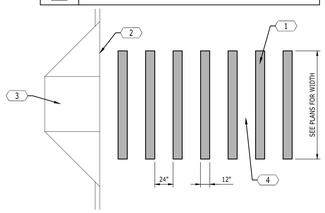
KEYNOTES	
CODE	DESCRIPTION
2	PREFABRICATED CAP
1	6"ϕ X 6'-8" STEEL PIPE BOLLARD FILLED WITH CONCRETE. PRIME WITH SUITABLE PRIMER AND PAINT IN A COLOR TO BE SELECTED BY THE ARCHITECT.
3	1" CROWN
4	1/2" EXPANSION JOINT MATERIAL, AASHTO M-33, WHERE PLACED IN A RIGID PAVEMENT AREA.
5	3500 PSI CONCRETE
6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

12

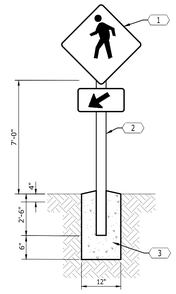
STEEL BOLLARD WITH CAP

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	PEDESTRIAN CROSSWALK; MARKINGS SHALL BE SOLID WHITE PAINTED ON ASPHALT; PAINT 12" WIDE STRIPES AS INDICATED WITH PORTER "TRAFFIC WHITE" PAINT OR APPROVED EQUAL; CROSSWALK SHALL BE IN COMPLIANCE WITH ADAAG 403.3.
2	FACE OF CURB
3	ACCESSIBLE RAMP; SEE DETAIL
4	MAX. 2% CROSS SLOPE; MAX. 5% RUNNING SLOPE (TYP.)



KEYNOTES	
CODE	DESCRIPTION
1	PEDESTRIAN CROSSWALK SIGN (30" X 30")
2	2" SQUARE GALVANIZED STEEL TUBE. PROVIDE WELDED CAP AT TOP AND GRIND WELDS SMOOTH.
3	CONCRETE FOOTING
	NOTE: SIGN SHALL BE LOCATED 3' FROM THE EDGE OF THE PAVEMENT UNLESS SUCH PLACEMENT WOULD OBSTRUCT THE SIDEWALK.

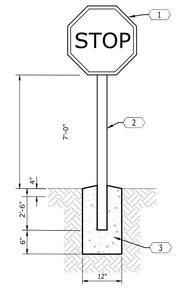


7

PEDESTRIAN CROSSWALK

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	STOP SIGN (24" X 24")
2	2" SQUARE GALVANIZED STEEL TUBE. PROVIDE WELDED CAP AT TOP AND GRIND WELDS SMOOTH.
3	CONCRETE FOOTING
	NOTE: SIGN SHALL BE LOCATED 3' FROM THE EDGE OF THE PAVEMENT UNLESS SUCH PLACEMENT WOULD OBSTRUCT THE SIDEWALK.



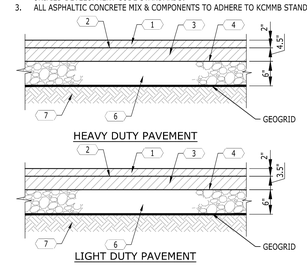
4

STOP SIGN

NOT TO SCALE

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

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



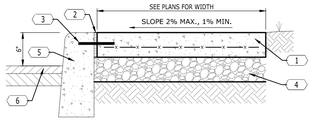
1

ASPHALT PAVEMENT

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	4" CONCRETE WALK REINFORCED WITH 6" x 6" x W2.9 x W2.9 W.W.F. USE 8" CONCRETE THICKNESS WHERE HS-20-4 LOADING IS REQUIRED (SEE PLANS).
2	1/2" EXPANSION JOINT
3	No. 4 DOWELS 12" APART GREASE HALF OF DOWEL.
4	4" MINERAL AGGREGATE. USE 6" AGGREGATE BASE WHERE HS-20-44 LOADING IS REQUIRED (SEE PLANS).
5	POST CURB; REFER TO DETAIL
6	PAVEMENT; REFER TO DETAIL

NOTES:
1. USE 3500 PSI CONCRETE AND ASTM GRADE 60 STEEL.
2. PROVIDE CONTROL JOINTS 5' APART AND EXPANSION JOINTS 25' APART AND WHERE SIDEWALK ABUTS RIGID MATERIAL.



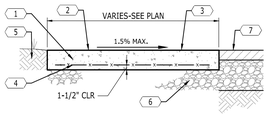
8

SIDEWALK AT POST CURB

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	CONCRETE SIDEWALK; 4" THICK; 3500 PSI CONCRETE; CROSS SLOPE 2% MAX., 1% MIN.
2	BROOM FINISH
3	CONTROL JOINTS 5' O.C.; EXPANSION JOINTS 25' O.C. AND WHERE SIDEWALKS ABUT RIGID MATERIALS.
4	CONCRETE REINFORCEMENT; 6"x6"xW2.9x22.9 W.W.F.; GRADE 60 STEEL
5	TOPSOIL; PLACE WITHIN $\frac{1}{2}$" OF WALKWAY SURFACE
6	4" MINERAL AGGREGATE BASE
7	ASPHALT PAVEMENT (REFER TO DETAIL)

NOTE: SIDEWALKS TO HAVE A MAXIMUM LONGITUDINAL SLOPE OF 7.5%.

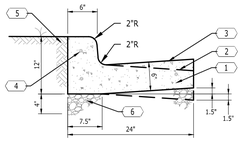


5

CONCRETE SIDEWALK

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	CONCRETE; 3500 PSI
2	SPILL CURB
3	CATCH CURB; TRANSITION FROM CATCH TO SPILL CURB OVER 10' LENGTH (TYP.)
4	CONCRETE REINFORCEMENT; NO. 4 BAR, CONTINUOUS (3 TYP.)
5	BACKFILL BEHIND CURB
6	4" MINERAL AGGREGATE BASE

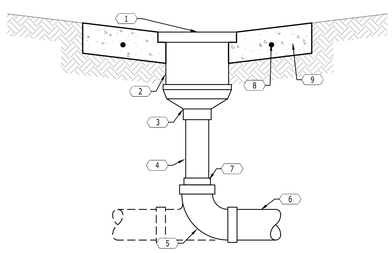


2

CONCRETE CURB AND GUTTER

NOT TO SCALE

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

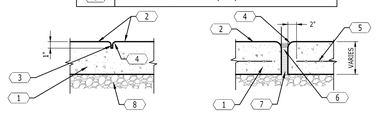


9

12" NDS DRAIN INLET

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	CONCRETE SIDEWALK
2	BROOM FINISH
3	$\frac{1}{4}$" HAND-GROOVED JOINT
4	TOOLED EDGE; $\frac{1}{4}$" RADIUS (TYP.)
5	CONCRETE REINFORCEMENT; 6"x6"xW2.9x22.9 W.W.F.; GRADE 60 STEEL
6	POLYURETHANE SELANT
7	$\frac{1}{2}$" PREMOLDED EXPANSION JOINT MATERIAL
8	MINERAL AGGREGATE BASE (TYP.)



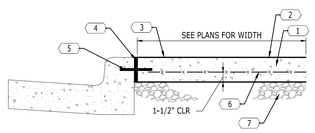
CONTROL JOINT EXPANSION JOINT

6

SIDEWALK JOINTS

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	CONCRETE SIDEWALK; 4" THICK; 3500 PSI CONCRETE; SLOPE 2% MAX., 1% MIN.: 8" CONCRETE THICKNESS WHERE HS-20-44 LOADING IS REQUIRED (SEE PLANS)
2	BROOM FINISH
3	CONTROL JOINTS 5' O.C.; EXPANSION JOINTS 25' O.C. AND WHERE SIDEWALKS ABT RIGID MATERIALS
4	$\frac{1}{4}$" EXPANSION JOINT
5	NO. 4 DOWELS; 12" O.C.; GREASE ONE END
6	CONCRETE REINFORCEMENT; 6"x6"xW2.9xW2.9 W.W.F.; GRADE 60 STEEL
7	4" MINERAL AGGREGATE OR SAND BASE; USE 6" AGGREGATE WHERE HS-20-44 LOADING IS REQUIRED (SEE PLANS)



3

CONCRETE SIDEWALK AT CURB AND GUTTER

NOT TO SCALE

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CONSTRUCTION DOCUMENTS

HCA LEE'S SUMMIT MEDICAL CENTER

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

INPATIENT BED EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

NO.	DATE	DESCRIPTION

REVISIONS		
REV #	DESCRIPTION	DATE

DRAWING TITLE

SITE DETAILS

PROJECT NUMBER
20240037

DRAWING NUMBER

C8.0

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

SITE DETAILS

C8.0

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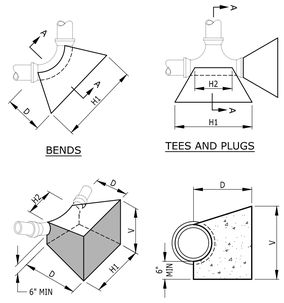
NOTE:

DIMENSIONS ARE BASED ON A SOIL BEARING CAPACITY OF 1000 PSF AND WATER PRESSURE OF 150 PSI (100 PSI + 50% FOR WATER HAMMER).



BENDS — TEES AND PLUGS

BENDS (ISOMETRIC) — SECTION "A-A"

PIPE SIZE	90° BEND			
	H1	H2	D	V
4"	24"	12"	12"	24"
6"	36"	16"	18"	30"
8"	48"	18"	18"	36"

PIPE SIZE	45° BEND			
	H1	H2	D	V
4"	24"	8"	12"	12"
6"	30"	10"	18"	20"
8"	36"	11"	18"	30"

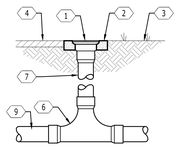
PIPE SIZE	22 1/2° BEND			
	H1	H2	D	V
4"	12"	8"	12"	12"
6"	18"	10"	18"	18"
8"	27"	11"	18"	20"

PIPE SIZE	11 1/4° BEND			
	H1	H2	D	V
4"	12"	8"	12"	12"
6"	16"	10"	18"	12"
8"	18"	11"	18"	16"

PIPE SIZE	TEES AND PLUGS			
	H1	H2	D	V
4"	24"	12"	12"	16"
6"	30"	16"	18"	24"
8"	40"	18"	18"	30"

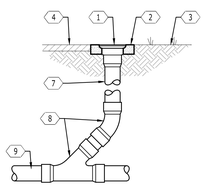
6 THRUST BLOCKING

NOT TO SCALE

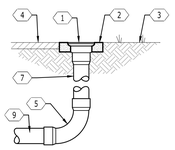


TWO-WAY

KEYNOTES	
CODE	DESCRIPTION
1	CLEANOUT WITH COVER; BRONZE OR PVC CLEANOUT WITH RECESSED CAP IN LAWN AREAS. CAST IRON CLEANOUT WITH RECESSED CAP IN PAVEMENT AREAS. BRONZE CAP TO BE USED IN SIDEWALKS.
2	18"x18"x4" CONCRETE COLLAR
3	FINISHED GRADE
4	ASPHALT
5	LONG SWEEP 1/4 BEND. INSTALL REDUCER WHERE REQUIRED.
6	SANITARY TEE
7	EXTENSION SAME SIZE AS SEWER, TO 6" MAX. DIAMETER
8	COMBINATION WYE AND 1/8 BEND. USE REDUCING TYPE WHERE REQUIRED.
9	SEE PLANS FOR SEWER MATERIAL AND SIZE.



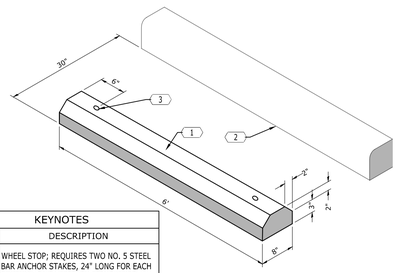
ONE-WAY



END-OF-LINE

7 CLEANOUTS

NOT TO SCALE



KEYNOTES	
CODE	DESCRIPTION
1	WHEEL STOP; REQUIRES TWO NO. 5 STEEL BAR ANCHOR STAKES, 24" LONG FOR EACH SECTION; EACH SECTION REINFORCED WITH TWO NO. 3 DEFORMED BARS
2	FACE OF CURB OR EDGE OF PAVEMENT
3	1" DIA. HOLE (TYP.)

8 PRECAST CONCRETE WHEEL STOP

NOT TO SCALE

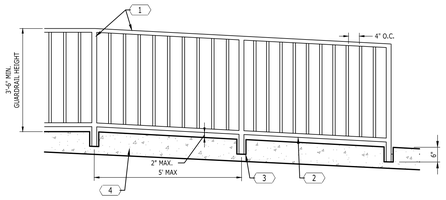
5 RESERVED

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	1-½" O.D. TUBULAR POST AND RAIL
2	1-½" O.D. TUBULAR BOTTOM RAIL
3	MIN. 2-½" I.D. TUBE STEEL SLEEVE CAST IN PLACE. GROUT GUARDRAIL POST IN PLACE (TYP).
4	CONCRETE SURFACE

NOTES:

1. PROVIDE 42" HIGH 1-½" O.D. ROUND OR SQUARE TUBE GUARD RAIL AT ELEVATION DROPS 30" OR GREATER. VERTICAL PICKETS SHALL BE ½" SQUARE TUBES SPACED 4" APART ON CENTER, MAX.
2. RAIL TO HAVE SMOOTH FINISH AT ALL WELDED SURFACES AND PAINTED WITH TWO COATS OF RUST RESISTANT PRIMER AND THEN PAINTED WITH TWO COATS OF ENAMEL. ENAMEL COLOR SHALL BE SELECTED BY THE ARCHITECT.
3. VARIATIONS IN GUARDRAIL HEIGHT SHALL NOT BE ALLOWED.
4. THE MAXIMUM CLEARANCE BETWEEN THE BOTTOM RAIL AND THE CONCRETE SURFACE OR CHEEK WALL TOP SHALL BE 2".



4 GUARDRAIL

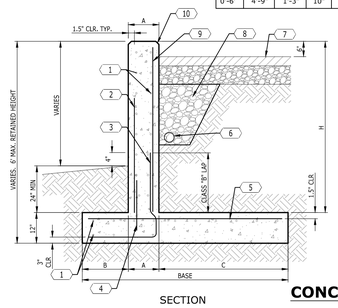
NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	BARS "L"
2	BARS "V2"
3	BARS "D"
4	No. 4 BARS 18" LONG, 18" APART
5	BARS "T"
6	4" PERFORATED PVC FOUNDATION DRAIN.
7	PAVEMENT SURFACE
8	FREE-DRAINING STONE FILL
9	BARS "V1"
10	1" CHAMFER, TYP.
11	1" DEEP VEE CONTROL JOINT. SPACE 15' APART MAX. EACH FACE. CUT ALTERNATE HORIZONTAL BARS 2" BACK EACH SIDE OF JOINT, EACH FACE. FILL VEES WITH MASTIC BEFORE BACKFILLING.

NOTES:

1. ALL STEEL SHALL BE ASTM GRADE 60 DEFORMED BARS, 15,000 PSI TENSILE STRENGTH.
2. ALL CONCRETE SHALL DEVELOP A COMPRESSIVE STRENGTH OF AT LEAST 4000 PSI AT 28 DAYS CURE.

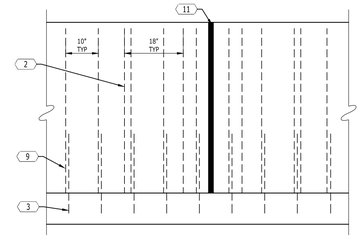
RETAINING WALL SCHEDULE									
"H"	BASE	"B"	"A"	"C"	BAR SIZE AND SPACING				
					"V1"	"V2"	"D"	"L"	"T"
0'-6'	4'-9"	1'-3"	10"	2'-8"	No. 4 AT 10"	No. 4 AT 18"	No. 4 AT 10"	No. 4 AT 10"	No. 4 AT 10"



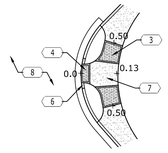
SECTION

1 CONCRETE RETAINING WALL

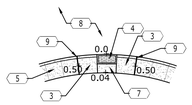
NOT TO SCALE



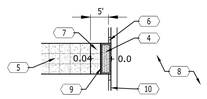
ELEVATION



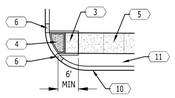
ACCESSIBLE CURB RAMP "A"



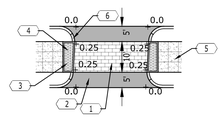
ACCESSIBLE CURB RAMP "B"



ACCESSIBLE CURB RAMP "C"



ACCESSIBLE CURB RAMP "D"



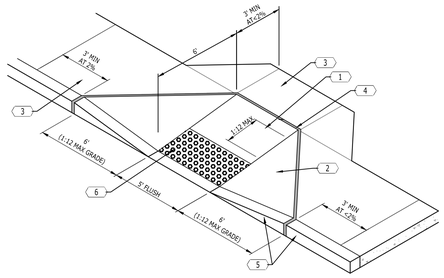
CURB RAMP AT RAISED PEDESTRIAN CROSSWALK

KEYNOTES	
CODE	DESCRIPTION
1	RAISED PEDESTRIAN CROSSWALK; REFER TO DETAIL
2	CONCRETE PAVEMENT
3	RAMP; 1:12 MAX. LONGITUDINAL SLOPE (TYP.); PROVIDE TACTILE WARNING SURFACE WHERE SPECIFIED
4	TACTILE WARNING; MIN. 2' STRIP WHERE ABUTS A PUBLIC STREET OR AS SPECIFIED; REFER TO DETAIL
5	CONCRETE WALK; CROWN WALK WITH MAX. 2% CROSS SLOPE TO THE EDGES (TYP.); 5% MAX LONGITUDINAL SLOPE
6	TRANSITION CURB TO FLUSH CONDITION OVER 2' (TYP.)
7	LANDING AREA; MAX. 2% CROSS SLOPE IN ANY DIRECTION
8	PAVEMENT
9	EXPANSION JOINT
10	FACE OF CURB
11	GRASS STRIP
	NOTE: GRADE DIFFERENCES SHOWN ARE CONCEPTUAL; REFER TO GRADING PLAN FOR ACTUAL ELEVATIONS

3 ACCESSIBLE CURB RAMPS

NOT TO SCALE

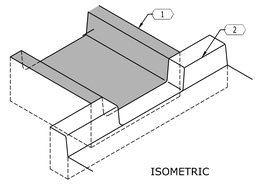
KEYNOTES	
CODE	DESCRIPTION
1	CONCRETE RAMP; 4" THICK, 3500 PSI CONCRETE; CONCRETE REINFORCED WITH 6"x6"x2.9xW2.9 W.W.F.; BEDDING SIMILAR TO ADJACENT SIDEWALK
2	FLARED SIDES; PROVIDE A SMOOTH TRANSITION FROM FLUSH CONDITION TO ADJACENT CURB AND SIDEWALK ELEVATIONS
3	LANDING; MINIMUM 3' FLAT (2% MAX. SLOPE); PROVIDED EACH SIDE OF RAMP
4	½" EXPANSION JOINT (TYP.)
5	CONCRETE CURB; TRANSITION FROM FLUSH CONDITION TO CURB HEIGHT; PAINT YELLOW; (TYP. EACH SIDE OF RAMP)
6	TACTILE WARNING; PROVIDE WHERE ABUTTING A PUBLIC STREET



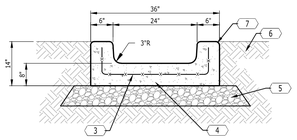
ACCESSIBLE RAMP - FLARED

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	FLUME
2	CURB
3	6"X6" W2.9 X W2.9 W.W.F.
4	3500 PSI CONCRETE
5	4" MINERAL AGGREGATE BASE
6	BACKFILL
7	3/4" RADIUS, TYP



ISOMETRIC



SECTION

2 CONCRETE FLUME

NOT TO SCALE

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\20240037_DET.dwg-C8.1 SITE DETAILS Dec 04, 2024 wbissard

Devenney GROUP

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CONSTRUCTION DOCUMENTS
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2000 SE SHENANDOAH DRIVE
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JACKSON COUNTY

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

NO.	DATE	DESCRIPTION

DRAWING TITLE
SITE DETAILS

PROJECT NUMBER
20240037

DRAWING NUMBER
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REVISIONS		
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SITE DETAILS

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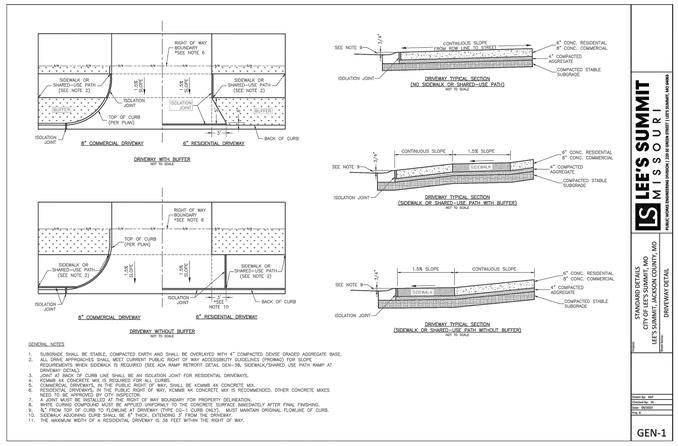


GENERAL NOTES

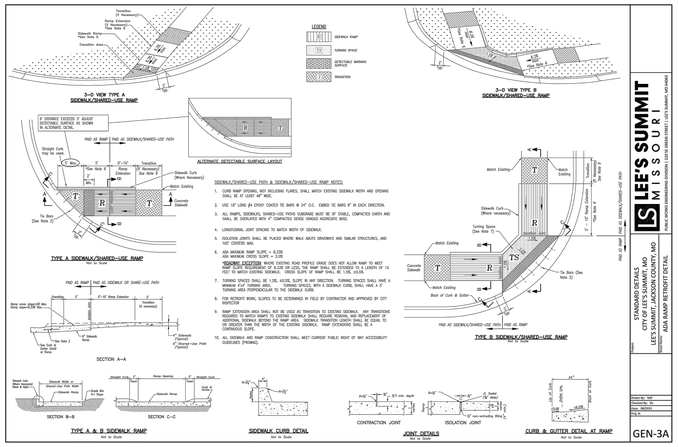
1. SUBGRADE SHALL BE STABLE, COMPACTED EARTH AND SHALL BE OVERLAYED WITH 4" COMPACTED DENSE GRADED AGGREGATE BASE.
2. ALL DRIVE APPROACHES SHALL MEET CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG) FOR SLOPE REQUIREMENTS WHEN SIDEWALK IS REQUIRED (SEE ADA RAMP RETROFIT DETAIL GEN-3B, SIDEWALK/SHARED USE PATH RAMP AT DRIVEWAY DETAIL).
3. JOINT AT BACK OF CURB LINE SHALL BE AN ISOLATION JOINT FOR RESIDENTIAL DRIVEWAYS.
4. RESIDENTIAL DRIVEWAYS SHALL BE 6" THICK, EXTENDING 6" FROM THE CURB.
5. COMMERCIAL DRIVEWAYS, IN THE PUBLIC RIGHT OF WAY, SHALL BE KCMMB 4K CONCRETE MIX.
6. RESIDENTIAL DRIVEWAYS, IN THE PUBLIC RIGHT OF WAY, KCMMB 4K CONCRETE MIX IS RECOMMENDED. OTHER CONCRETE MIXES MAY BE USED WITH CITY APPROVAL.
7. A JOINT MUST BE INSTALLED AT THE RIGHT OF WAY BOUNDARY FOR PROPERTY DELINEATION.
8. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.
9. ALL DRIVE APPROACHES SHALL MAINTAIN THE ORIGINAL FLOWLINE OF THE CURB. CONTRACTOR MUST MAINTAIN ORIGINAL FLOWLINE OF CURB.
10. SIDEWALK ADJACENT CURB SHALL BE 4" THICK, EXTENDING 2' FROM THE GRADE BREAK.
11. THE MAXIMUM WIDTH OF A RESIDENTIAL DRIVEWAY IS 36 FEET WITHIN THE RIGHT OF WAY.

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

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

Drawn By: MJF
Checked By: DL
Date: 08/2023
Rev. 0
Rev. 1

GEN-1



LEE'S SUMMIT MISSOURI
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STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT / JACKSON COUNTY, MO
ADA RAMP RETROFIT DETAIL

Drawn By: MJF
Checked By: DL
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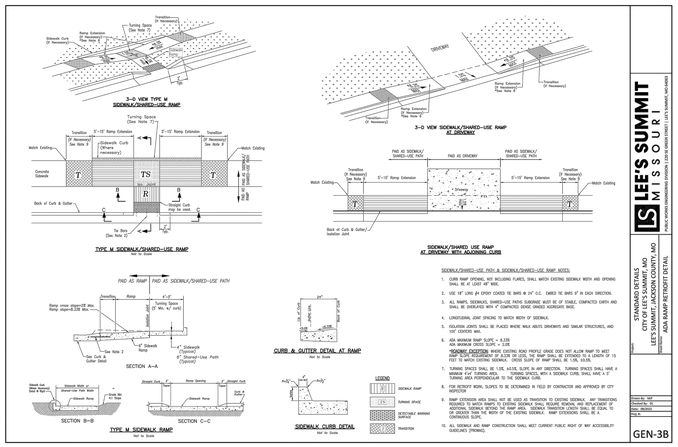
Rev. 0
Rev. 1

GEN-3A



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

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT / JACKSON COUNTY, MO
ADA RAMP RETROFIT DETAIL

Drawn By: MJF
Checked By: DL
Date: 08/2023
Rev. 0
Rev. 1

GEN-3B

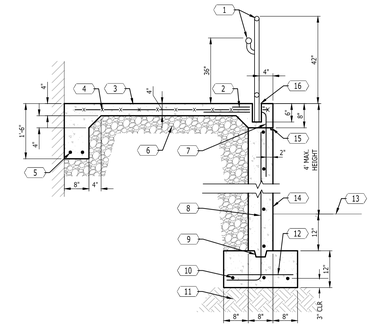
P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Expl\dwg\Construction\20240037_DET.dwg-C8.2 SITE DETAILS Dec 04, 2024 wdlisard

3 RESERVED

NOT TO SCALE

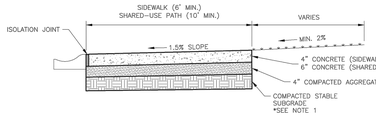
KEYNOTES	
CODE	DESCRIPTION
1	GUARD RAIL AND HAND RAIL; REFER TO DETAILS
2	12" No. 4 HAIRPIN AT EACH POST
3	BROOM FINISH
4	6"X6", W2.9 X W2.9 W.W.F.
5	TWO No. 5 BARS
6	GRANULAR BACKFILL
7	No. 5 BARS "L", 24" APART; 24" HORIZ., 30" VERT.
8	No. 5 BARS 12" APART EACH WAY
9	2" X 4" KEY
10	THREE No. 5 BARS, CONT.
11	COMPACTED SUBGRADE
12	No. 4 BARS 12" APART
13	FINISH GRADE
14	RUBBED FINISH
15	3/4" x 3/4" REVEAL
16	2" DIA. SLEEVE IN WALL. GROUT POST IN PLACE.

NOTE:
USE 3500 PSI CONCRETE AND ASTM GRADE 60 STEEL BARS.

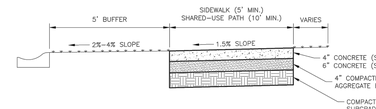


1 ELEVATED WALK

NOT TO SCALE



SIDEWALK/SHARED-USE PATH WITHOUT BUFFER
NOT TO SCALE



SIDEWALK/SHARED-USE PATH WITH BUFFER
NOT TO SCALE

GENERAL NOTES:

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

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

SIDEWALK/SHARED-USE PATH DETAIL

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

GEN-2

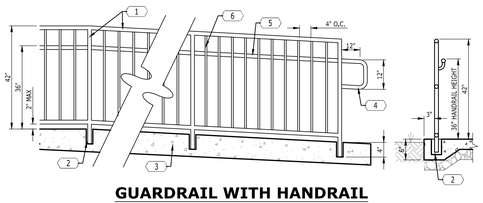
2 GUARDRAIL WITH HANDRAIL

NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	1-1/2" O.D. STEEL PIPE RAIL AND POSTS (TYP)
2	2" DIA. PIPE SLEEVE, CAST IN PLACE. GROUT RAIL POST.
3	CONC. WALK OR RAMP
4	3"R MIN
5	HANDRAIL, 1-1/2" DIA. STEEL PIPE
6	3/4" DIA. SQUARE PICKETS

NOTES:

1. PROVIDE 3'-6" HIGH 1-1/2" O.D. GUARD RAIL AT ELEVATION DROPS 30" OR GREATER. MAXIMUM VERTICAL PICKET SPACING SHALL BE 4", ON CENTER.
2. VARIATIONS IN GUARD RAIL HEIGHT SHALL NOT BE ALLOWED.
3. MAXIMUM CLEARANCE BETWEEN BOTTOM RAIL AND CONCRETE SHALL BE 2". GUARD RAIL SHALL BE SMOOTH-FINISHED, ALL WELDED SURFACES PRIMED AND PAINTED WITH TWO COATS OF RUST RESISTANT PRIMER AND TWO COATS OF ENAMEL. COLOR TO BE SELECTED BY ARCHITECT.
4. PROVED HAND RAIL WITH GUARD RAIL AT ALL WALKS GREATER THAN 5% SLOPE.



Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
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T: 602.943.8950

www.devenneygroup.com

Consultant:

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CONSTRUCTION DOCUMENTS
HCA LEE'S SUMMIT MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION

DRAWING TITLE
SITE DETAILS

PROJECT NUMBER
20240037

DRAWING NUMBER
C8.2

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

SITE DETAILS

C8.2

Autodesk Docs://6406.24.0001 - HCA - LSMC MedSurg Expansion_rvt23/6406.24.0001 HCA - LSMC Med Surge Expansion.rvt

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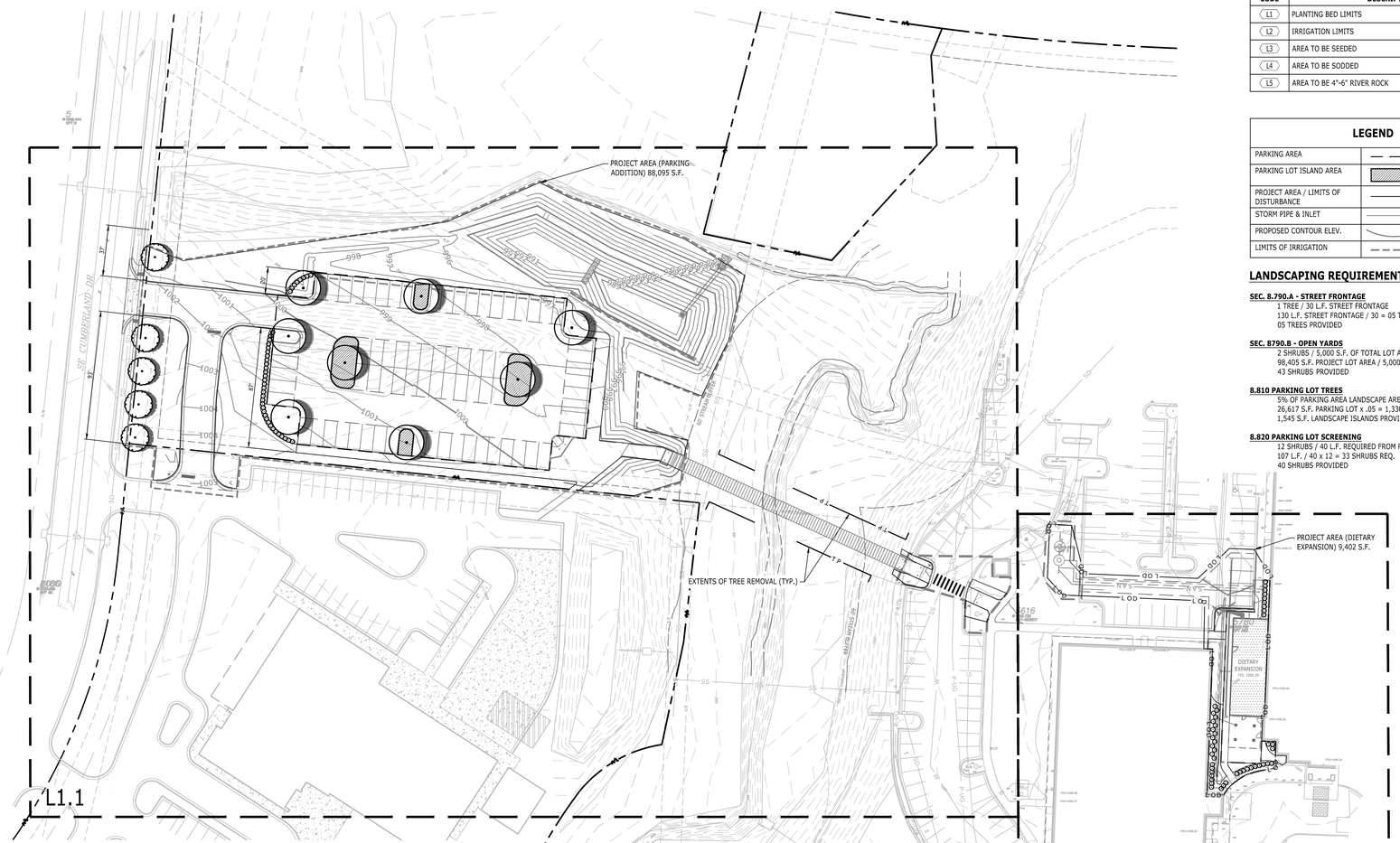

LANDSCAPE KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
L1	PLANTING BED LIMITS	1 / L2.0
L2	IRRIGATION LIMITS	NOTES / L2.0
L3	AREA TO BE SEEDED	
L4	AREA TO BE SODDED	
L5	AREA TO BE 4"-6" RIVER ROCK	

LEGEND

PARKING AREA	
PARKING LOT ISLAND AREA	
PROJECT AREA / LIMITS OF DISTURBANCE	LOD
STORM PIPE & INLET	
PROPOSED CONTOUR ELEV.	90
LIMITS OF IRRIGATION	

LANDSCAPING REQUIREMENTS

SEC. 8.790.A - STREET FRONTAGE
1 TREE / 30 L.F. STREET FRONTAGE
130 L.F. STREET FRONTAGE / 30 = 05 TREES REQ.
05 TREES PROVIDED

SEC. 8790.B - OPEN YARDS
2 SHRUBS / 5,000 S.F. OF TOTAL LOT AREA
98,405 S.F. PROJECT LOT AREA / 5,000 x 2 = 40 SHRUBS REQ.
43 SHRUBS PROVIDED

8.810 PARKING LOT TREES
5% OF PARKING AREA LANDSCAPE AREA
26,617 S.F. PARKING LOT x .05 = 1,330 S.F. LANDSCAPE ISLANDS REQ.
1,545 S.F. LANDSCAPE ISLANDS PROVIDED

8.820 PARKING LOT SCREENING
12 SHRUBS / 40 L.F. REQUIRED FROM R.O.W.
107 L.F. / 40 x 12 = 33 SHRUBS REQ.
40 SHRUBS PROVIDED

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
TREES						
	QAB	5	Quercus alba / White Oak	B&B	2.5"	12-14`
	QP	8	Quercus phellos / Willow Oak	B&B	2.5"	12-14`
SHRUBS						
	DG	23	Deutzia gracilis / Slender Deutzia	#3		18-24"
	ICBN	40	Ilex cornuta `Burfordii Nana` / Dwarf Burford Holly	#3		18-21"
	PLO	20	Prunus laurocerasus 'Otto Luyken' / Otto Luyken English Laurel	#7		18-21"

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	SPACING
SHRUB AREAS							
	JHW	114	Juniperus horizontalis 'Wiltonii' / Blue Rug Juniper	#1			48" o.c.
GROUND COVERS							
	FR	36,519 sf	Festuca rubra / Red Fescue	Sod			
	HX	30	Helleborus x / Hybrid Hellebore / Lenten Rose	#1			18" o.c.
	VMB	128	Vinca minor 'Bowles' / Bowles Periwinkle	#1			18" o.c.

Know what's below.
Call before you dig.

N

GRAPHIC SCALE
0 20 40 80 120

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\20240037_LAN.dwg-L1.0 OVERALL LANDSCAPE PLAN Dec 04, 2024 wblissard

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

CONSTRUCTION DOCUMENTS
HCA LEE'S SUMMIT MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION

DRAWING TITLE
OVERALL LANDSCAPE PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
L1.0

Devenney GROUP
Devenney Group Ltd., Architects
6900 East Camelback Road
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T: 602.943.8950
www.devenneygroup.com

Consultant:

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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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1:40
DRAWN:	AP
REVIEWED:	WB
JOB NUMBER:	6406.24

OVERALL LANDSCAPE PLAN

L1.0

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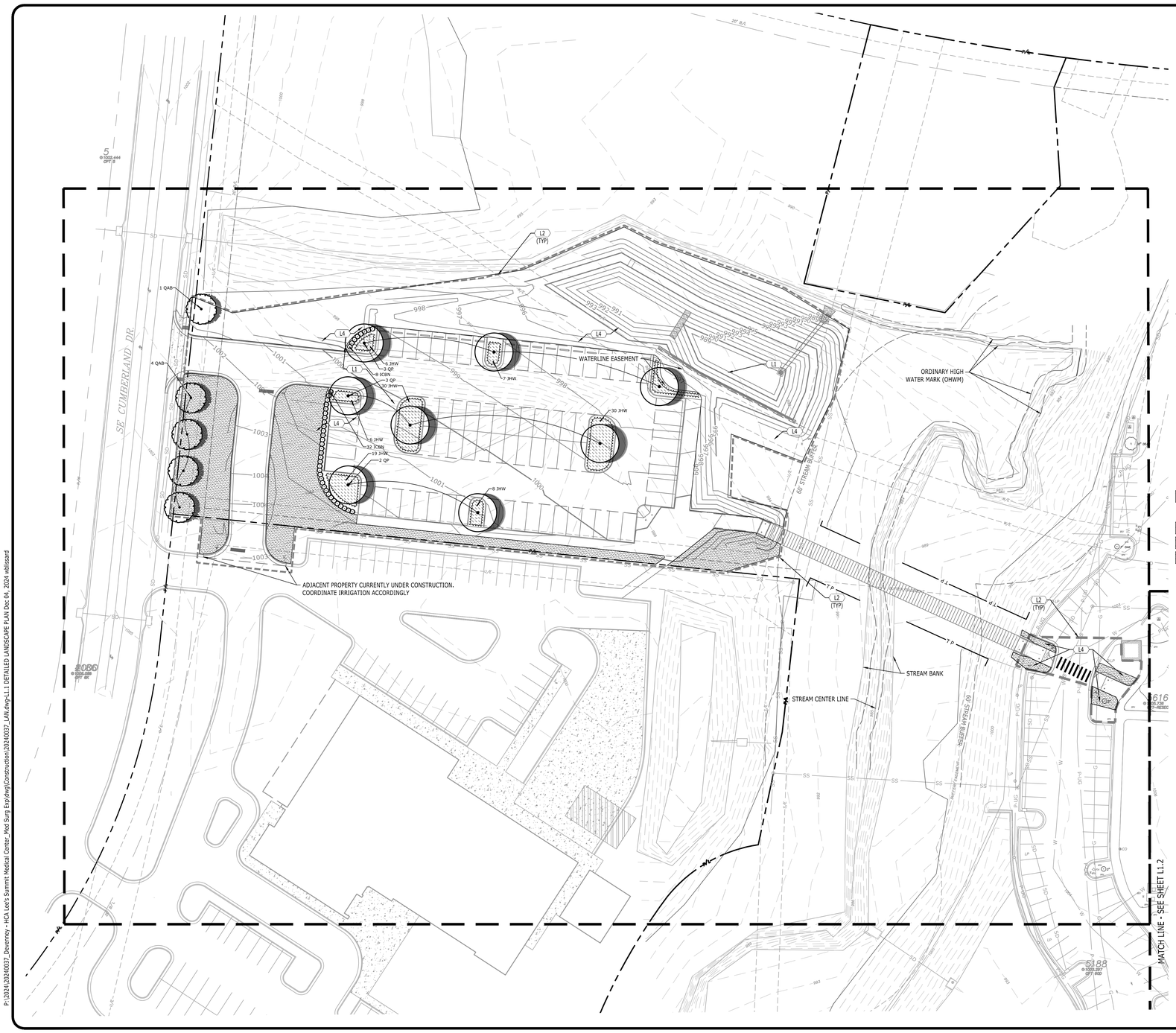

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L3	AREA TO BE SEEDED	
L4	AREA TO BE SODDED	
L5	AREA TO BE 4"-6" RIVER ROCK	

LEGEND

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

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME
TREES		
	QAB	Quercus alba / White Oak
	QP	Quercus phellos / Willow Oak
SHRUBS		
	DG	Deutzia gracilis / Slender Deutzia
	ICBN	Ilex cornuta `Burfordii Nana` / Dwarf Burford Holly
	PLO	Prunus laurocerasus 'Otto Luyken' / Otto Luyken English Laurel
SHRUB AREAS		
	JHW	Juniperus horizontalis 'Wiltonii' / Blue Rug Juniper
GROUND COVERS		
	FR	Festuca rubra / Red Fescue
	HX	Helleborus x / Hybrid Hellebore / Lenten Rose
	VMB	Vinca minor 'Bowles' / Bowles Periwinkle

SEE L1.0 FOR PLANT SIZES AND QUANTITIES

Know what's below. Call before you dig.

N

0 15 30 60 90
GRAPHIC SCALE

MATCH LINE - SEE SHEET L1.2

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\20240037_LAN.dwg>L1.1 DETAILED LANDSCAPE PLAN Dec 04, 2024 wolissard

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LEE'S SUMMIT, MO 64063
816-282-5000

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

NO.	DATE	DESCRIPTION

DRAWING TITLE
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PROJECT NUMBER
20240037

DRAWING NUMBER
L1.1

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
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Scottsdale, AZ 85251

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Consultant:

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1:30
DRAWN:	AP
REVIEWED:	WB
JOB NUMBER:	6406.24

DETAILED LANDSCAPE PLAN

L1.1

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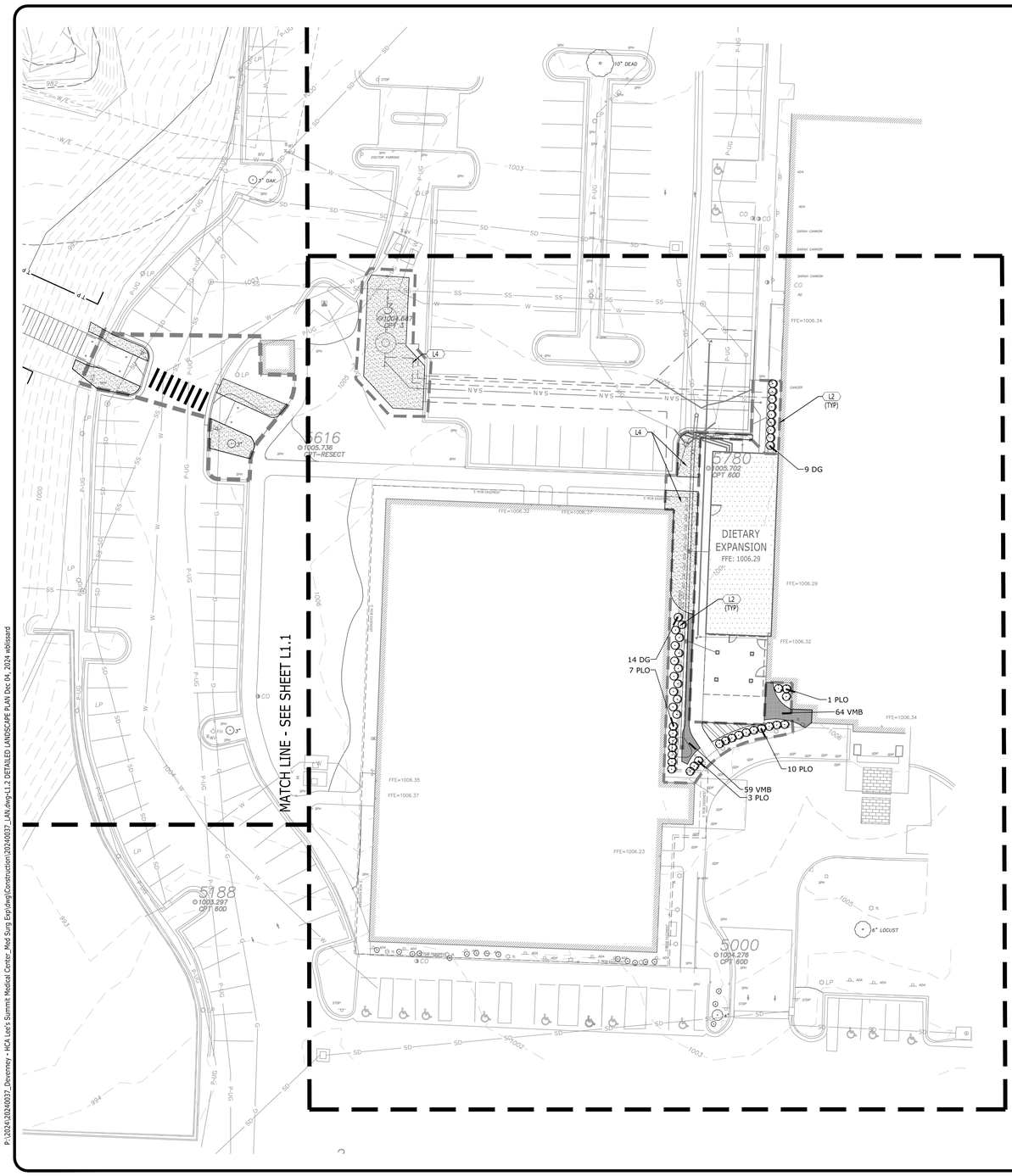

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LEGEND

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STORM PIPE & INLET	
PROPOSED CONTOUR ELEV.	90

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	JHW	Juniperus horizontalis 'Wiltonii' / Blue Rug Juniper
GROUND COVERS		
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	VMB	Vinca minor 'Bowles' / Bowles Periwinkle

SEE L1.0 FOR PLANT SIZES AND QUANTITIES

811
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0 10 20 40 60
GRAPHIC SCALE

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JACKSON COUNTY

NO.	DATE	DESCRIPTION

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DRAWING NUMBER
L1.2

Devenney GROUP

Devenney Group Ltd., Architects

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Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1:20
DRAWN:	AP
REVIEWED:	WB
JOB NUMBER:	6406.24

DETAILED LANDSCAPE PLAN

L1.2

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6/10/2024 9:05:24 PM Autodesk Docs://6406.24.0001 - HCA - LSMC MedSurg Expansion_rvt23/6406.24.0001 HCA - LSMC Med Surge Expansion.rvt

PLANTING NOTES

1. BASE INFORMATION WAS TAKEN FROM A SURVEY PREPARED BY LOVELACE & ASSOCIATES, LLC DATED 05/01/2024. CATALYST DESIGN GROUP AND ANY OF THEIR CONSULTANTS SHALL NOT BE HELD RESPONSIBLE FOR THE ACCURACY AND/OR COMPLETENESS OF THAT INFORMATION SHOWN HEREON OR ANY ERRORS OR OMISSIONS RESULTING FROM SUCH.
2. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO CONFIRM ALL MATERIAL QUANTITIES. IN THE EVENT OF A DISCREPANCY, THE QUANTITIES SHOWN ON THE PLAN SHALL TAKE PRECEDENCE OVER THE MATERIAL SCHEDULE.
3. NO SUBSTITUTIONS AS TO TYPE, SIZE, OR SPACING OF PLANT MATERIALS SPECIFIED ON THIS PLAN MAY BE MADE WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
4. THE CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN, REPAIR ANY DAMAGE ACCORDING TO LOCAL STANDARDS AND AT CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
5. ALL PLANTING BEDS TO RECEIVE "CHANCELLOR" HARDWOOD MULCH. MULCH TO BE INSTALLED TO 3" DEPTH UNLESS OTHERWISE INDICATED ON THE PLANTING DETAILS.
6. NEW TREE PLANTINGS TO BE STAKED PER PLANTING DETAILS
7. DIMENSIONS LISTED FOR HEIGHTS, SPREAD AND TRUNK SPECIFICATIONS ON THE PLANT MATERIAL SCHEDULE ARE GENERAL GUIDE FOR THE MINIMUM REQUIRED SIZE OF EACH PLANT.
8. PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL PLANTING BEDS IMMEDIATELY PRIOR TO PLACEMENT OF MULCH FOR WEED CONTROL.
9. ALL DISTURBED AREAS OF THE SITE ARE TO BE SEEDED AND/OR SODDED IN ACCORDANCE WITH THE SPECIFICATIONS.
10. NO EXCAVATION OR PLANTING PIT SHALL BE LEFT OPEN OVERNIGHT.
11. THE LANDSCAPE CONTRACTOR SHALL OBTAIN ANY NECESSARY PERMITS, LICENSES, ETC. AND SHALL GIVE ALL NOTICES AND COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, CODES, RULES AND REGULATIONS DURING THE COURSE OF THE INSTALLATION OF THIS PROJECT.
12. ALL PLANT MATERIALS TO BE NURSERY GROWN AND TO COMPLY WITH THE AMERICAN STANDARD FOR NURSERY STOCK FOR SIZE AND QUALITY.
13. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL OR ANY DEFECTIVE WORKMANSHIP.
14. ALL PLANTS SHALL HAVE A WELL-FORMED HEAD WITH MINIMUM CALIPER, HEIGHT AND SPREAD OF THE SIDE BRANCHES AS SHOWN ON THE PLANT LIST. TRUNKS SHALL BE UNDAMAGED AND SHAPE SHALL BE TYPICAL OF THE SPECIES.
15. MEASUREMENT OF CONIFER HEIGHT SHALL INCLUDE NOT MORE THAN FIFTY PERCENT (50%) OF THIS YEARS VERTICAL GROWTH (TOP CANDLE).
16. THE LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR STAKING AND LAYOUT OF PLANTINGS ON THIS PROJECT. THE LANDSCAPE ARCHITECT OR OWNER SHALL BE ADVISED WHEN STAKES ARE READY FOR INSPECTION ON VARIOUS PLANTING AREAS. ALL LAYOUT WORK SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER PRIOR TO OPENING ANY PLANT PITS.
17. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO VERIFY THAT EACH EXCAVATED TREE OR SHRUB PIT WILL PERCOLATE (DRAIN) PRIOR TO ADDING TOPSOIL AND INSTALLING TREES OR SHRUBS. THE CONTRACTOR SHALL FILL THE BOTTOM OF SELECTED HOLES WITH SIX INCHES OF WATER. THIS WATER SHOULD PERCOLATE OUT WITHIN A 24-HOUR PERIOD. THE OWNER OR LANDSCAPE ARCHITECT SHALL VERIFY ACCURACY AND EFFECT OF PERCOLATION TESTING. IF THE SOIL AT A GIVEN AREA DOES NOT DRAIN PROPERLY, A P V C DRAIN OR GRAVEL SUMP SHALL BE INSTALLED OR THE PLANTING RELOCATED.
18. SHOULD THE LANDSCAPE CONTRACTOR ENCOUNTER UNSATISFACTORY SURFACE OR OTHER SUBSURFACE DRAINAGE CONDITIONS, SOIL DEPTH, LATENT SOILS, HARD PAN, STEAM OF OTHER UTILITY LINES OR OTHER CONDITIONS THAT WILL JEOPARDIZE THE HEALTH AND VIGOR OF THE PLANTS, HE MUST ADVISE THE LANDSCAPE ARCHITECT IN WRITING OF THE CONDITIONS PRIOR TO INSTALLING THE PLANTS, OTHERWISE THE LANDSCAPE CONTRACTOR WARRANTS THAT THE PLANTING AREAS ARE SUITABLE PROPER GROWTH AND DEVELOPMENT OF THE PLANTS TO BE INSTALLED.
19. NO MATERIAL SHALL BE PLANTED BEFORE FINISH GRADING HAS BEEN COMPLETED.
20. EXISTING TREES TO BE PRESERVED ARE TO BE BARRICADED BEFORE BEGINNING CONSTRUCTION. IN ACCORDANCE WITH THE TREE PRESERVATION NOTES AND DETAILS ON THE LANDSCAPE PLAN.
21. SELECTIVE CLEARING CONSISTING OF REMOVAL OF VINES, SAPLINGS UNDER 1" DIAMETER AND UNDERBRUSH SHALL BE PERFORMED IN TREE PRESERVATION AREAS INTERNAL TO THE PROJECT AND NOTED ON PLANS.
22. PLANTS IDENTIFIED IN ALTERNATE AREAS ARE TO BE BID SEPARATELY.
23. ALL BEDS ARE TO BE TILLED TO A DEPTH OF 8" WITH THE ADDITION OF: (1) 6 CU. FT. BALE OR SPHAGNUM PEAT MOSS PER 40 SQ. FT. OF BED AREA: (25#) 10-10-10 FERTILIZER PER 1000 SQ. FT. IF AZALEAS, RHODODENDRONS OR PIERIS ARE USED, ADD 1 3 CU. FT. FINELY GROUND "PINE" BARK MULCH PER 25 SQ. FT. OF BED AREA. ALL ADDITIONS ARE TO BE SPREAD AND TILLED INTO THE SOIL UNIFORMLY.
24. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT WHEN THE PLANT MATERIALS ARE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

IRRIGATION NOTES

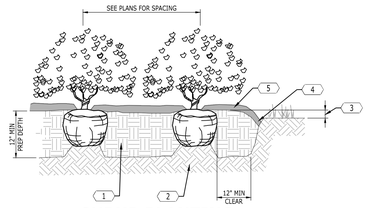
1. LANDSCAPE CONTRACTOR TO PROVIDE IRRIGATION SYSTEM ON A DESIGN/BUILD ARRANGEMENT FOR AREA NOTED ON THE PLAN. CONTRACTOR TO PREPARE DESIGN DRAWINGS IN ACCORDANCE WITH PERFORMANCE SPECIFICATIONS CONTAINED IN THE PROJECT MANUAL AND SUBMIT SAME FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO CONFIRM ADEQUATE PRESSURE EXISTS TO OPERATE SYSTEM PRIOR TO INSTALLATION.
3. IRRIGATION SPRINKLER HEADS SHALL BE MANUFACTURED BY EITHER TORO OR RAINBIRD. IRRIGATION CONTROLLER SHALL BE TORO VISION II MODEL OR APPROVED EQUAL.
4. MAIN LINE TO BE CLASS 200 PVC PIPE. LATERAL LINES TO BE CLASS 150 PVC.
5. IRRIGATION SYSTEM TO BE OPERATIONAL BEFORE PLANTING MATERIALS MAY BE INSTALLED IN PLANTING BEDS.
6. INSTALL SPRINKLER HEADS ACCORDING TO MANUFACTURERS SPECIFICATIONS. FLUSH ALL LINES BEFORE INSTALLING NOZZLES.
7. WIRE CONNECTIONS TO BE MADE BY USING RAINBIRD MODEL ST-103/PT-ST SNAP-TITE CONNECTIONS.
8. LEAVE 18 INCHES OF ADDITIONAL WIRE AT EACH VALVE LOCATION. ROLL WIRE INTO COIL AT EACH LOCATION.
9. ALL VALVES SHALL BE LOCATED IN AMATEX 10 INCH CIRCULAR VALVE BOXES WITH COVER, OR EQUAL.
10. IRRIGATION CONTRACTOR TO COORDINATE PLACEMENT OF REQUIRED SLEEVES WITH GENERAL CONTRACTOR PRIOR TO PAVING AND CONCRETE INSTALLATION BEING COMPLETED.

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\20240037_LAN DET.dwg-L2.0 LANDSCAPE DETAILS Dec 04, 2024 wbilisard

KEYNOTES	
CODE	DESCRIPTION
1	PLANTING MIX AS SPECIFIED
2	UNDISTURBED SUBGRADE. PROVIDE SUBGRADE PEDESTAL FOR EACH SHRUB INSTALLED, TO AVOID SETTLEMENT.
3	TOP OF ROOT BALL TO BE 1"-2" HIGHER THAN THE ADJACENT GRADE
4	"V" TRENCH AROUND PLANTING BED
5	3" HARDWOOD MULCH LAYER. CLEAR MULCH FROM WOODY SHRUB STEMS TO PREVENT FUNGAL GROWTH AND DECAY.

NOTES

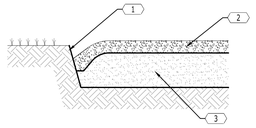
1. TAMP PLANTING MIX AS PIT IS FILLED AROUND EACH PLANT BALL.
2. SOAK EACH PLANT BALL AND PIT IMMEDIATELY AFTER PLANTING.
3. SCARIFY THE ROOT BALL IF ROOT-BOUND IN ITS CONTAINER.
4. WHERE SHRUBS APPEAR IN BED AREAS, 3" OF MULCH SHALL BE SPREAD OVER THE ENTIRE AREA WITHIN THE BED EDGE AS INDICATED ON THE PLANS.
5. DO NOT PRUNE BEFORE ACCEPTANCE.
6. REMOVE BURLAP FROM TOP THIRD OF ROOT BALL OR CAREFULLY REMOVE THE PLASTIC CONTAINER, IF ONE IS USED.
7. BACKFILL WITH SOIL MIXTURE AS FOLLOWS: 1 PART COMPOSTED GARDEN SOIL; 1 PART SAND AND 2 PARTS NATIVE TOPSOIL.



3 **SHRUB PLANTING**

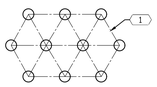
NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	EDGE OF LAWN OR PAVEMENT. REFER TO GRADING PLANS FOR FINISH GRADE ELEVATION.
2	3" DEEP MULCH LAYER
3	BACKFILL WITH SOIL MIXTURE: 1 PART COMPOSTED GARDEN SOIL 1 PART SAND 2 PARTS NATIVE TOPSOIL

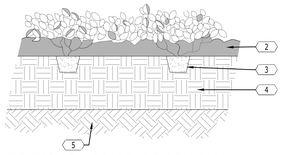


1 **SPADED BED EDGE**

NOT TO SCALE



KEYNOTES	
CODE	DESCRIPTION
1	ALL GROUNDCOVER BEDS SHALL BE PLANTED USING TRIANGULAR SPACING, UNLESS SHOWN OTHERWISE. REFER TO THE PLANT SCHEDULE FOR SPACING.
2	4" HARDWOOD MULCH LAYER
3	REMOVE PLASTIC POT OR SPLIT PEAT POT
4	PREPARED SOIL MIXTURE: 1 PART ORGANIC GARDEN SOIL, 1 PART SAND, 2 PARTS NATIVE TOPSOIL, THOROUGHLY BLEND SOIL MIXTURE BEFORE PLACING.
5	UNDISTURBED SUBGRADE



4 **GROUNDCOVER PLANTING**

NOT TO SCALE

5

KEYNOTES	
CODE	DESCRIPTION
1	CLEAR TRUNK TO HEIGHT SPECIFIED
2	FOLD DOWN OR CUT AND REMOVE THE TOP THIRD OF THE BURLAP. REMOVE NON-BIODEGRADABLE WRAP COMPLETELY. REMOVE WIRE BASKET.
3	PLACE ROOT BALL ON UNDISTURBED SOIL
4	UNDISTURBED SUBGRADE
5	BACKFILL EXCAVATION WITH TOP 8" REMOVED DURING PIT EXCAVATION
6	SOIL RING 4" HIGH AROUND TREE. MINIMUM 3' RADIUS AROUND TRUNK.
7	3" DEEP MULCH IN SOIL RING AREA

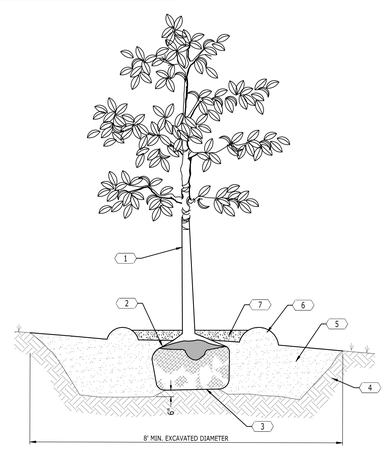
NOTES:

1. SCARIFY THE EDGES OF THE EXCAVATED PIT AND TAKE ALL NECESSARY MEASURES TO ASSURE ADEQUATE DRAINAGE.

2. TO ENSURE SUCCESSFUL ESTABLISHMENT OF ALL TREES PLANTED OUTSIDE THE LIMITS OF IRRIGATION EVERY SUCH TREE SHALL BE FITTED WITH A SLOW-RELEASE WATERING SYSTEM SUCH AS "TREEGATOR BAGS" OR AN APPROVED EQUAL.

3. AS PART OF THE MAINTENANCE PLAN IT IS RECOMMENDED THAT ALL TREES OUTSIDE THE LIMITS OF IRRIGATION BE WATERED A MAXIMUM OF TWO TIMES PER WEEK DURING DRY SEASONS AND ONE TIME PER WEEK DURING WET SEASONS FOR A MINIMUM OF TWO YEARS FROM THE DATE OF INSTALLATION.

4. IT IS THE OWNER'S RESPONSIBILITY TO COORDINATE AND SCHEDULE TREE MAINTENANCE.



2 **CANOPY TREE PLANTING**

NOT TO SCALE

Catalyst DESIGN GROUP
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LEE'S SUMMIT, MO 64063
816-282-5000

CONSTRUCTION DOCUMENTS
HCA LEE'S SUMMIT MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION

DRAWING TITLE
LANDSCAPE DETAILS

PROJECT NUMBER
20240037

DRAWING NUMBER
L2.0

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Consultant:

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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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

LANDSCAPE DETAILS

L2.0

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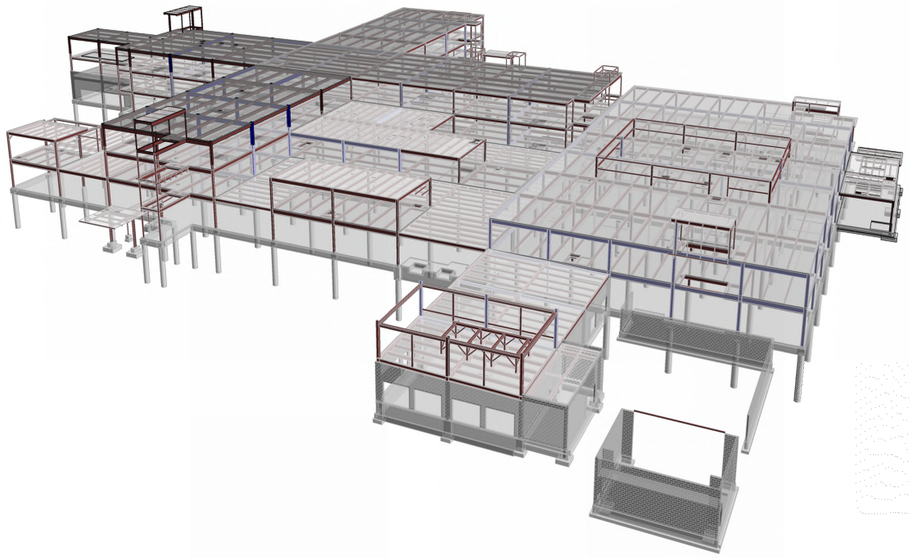
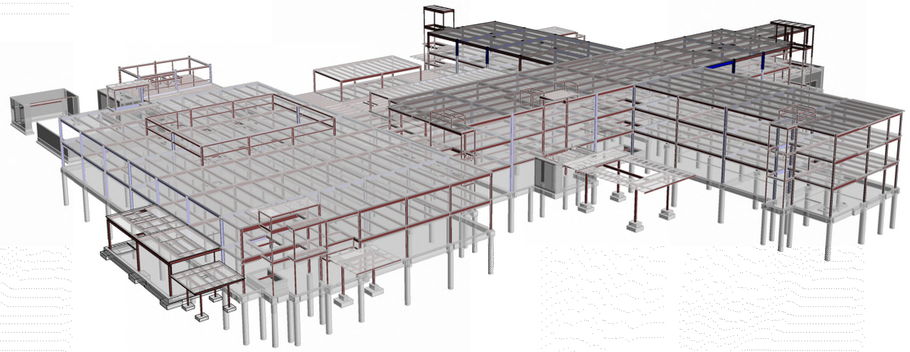


4 STRUCTURAL AXON
(FOR REFERENCE ONLY)



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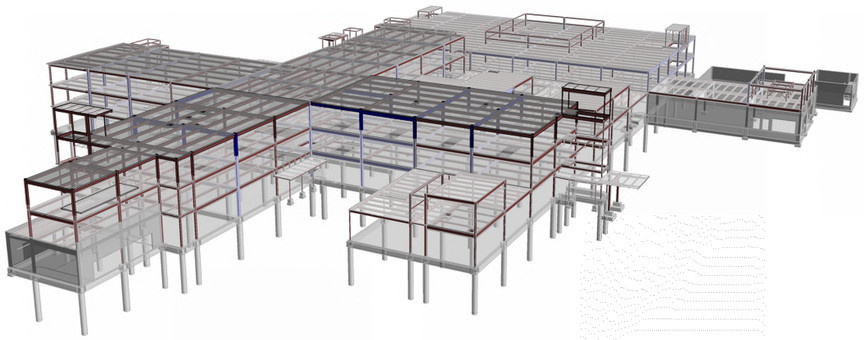

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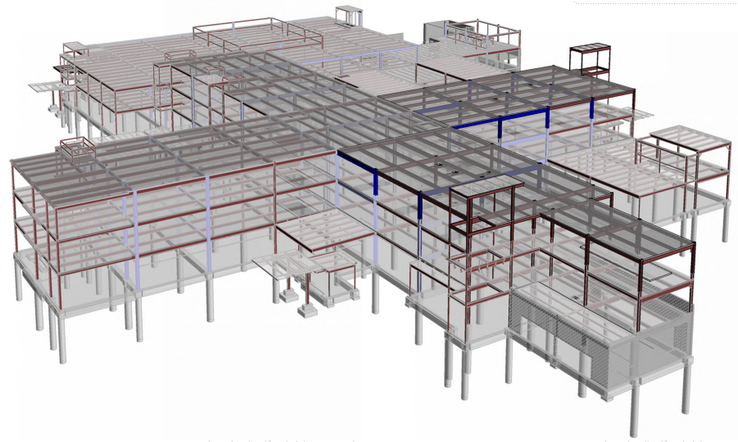

1 STRUCTURAL AXON
(FOR REFERENCE ONLY)

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Consultant:

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1966 SDL

Structural Engineers
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www.sdlal.com

615 320 1735

Project No. 24051.00

STATE OF MISSOURI
MICHAEL E. COHEN
NUMBER
PE-2011027844
PROFESSIONAL ENGINEER
12.5.24

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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

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

STRUCTURAL AXON VIEWS

S001

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

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STRUCTURAL NOTES

A. GENERAL

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

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

B. CODE/DESIGN CRITERIA

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

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

HOSPITAL FLOORS	80 PSF	(INCLUDES PARTITIONS)
CORRIDORS — FIRST FLOOR	100 PSF	
CORRIDORS — ABOVE FIRST FLOOR	80 PSF	
KITCHEN	125 PSF	
MECHANICAL ROOMS	150 PSF	(NON-REDUCIBLE)
STAIRS	100 PSF	
STORAGE	125 PSF	(NON-REDUCIBLE)
PEDESTRIAN BRIDGE	90 PSF	(NON-REDUCIBLE)

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

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

   PONDING AND DRIFT EFFECTS HAVE BEEN INCLUDED IN THE DESIGN.

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

HOSPITAL	1,000 LB
PEDESTRIAN BRIDGE	2,000 LB

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

   ROOF: ROOFING AND INSULATION 15 PSF

3. HOSPITAL WIND LOADS:

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

4. PEDESTRIAN BRIDGE WIND LOADS:

BASIC DESIGN WIND SPEED, V	109 MPH
ALLOWABLE STRESS DESIGN WIND SPEED, V_{asd}	85 MPH
EXPOSURE	B
RISK CATEGORY	II
INTERNAL PRESSURE COEFFICIENT, GC_{pi}	± 0.0

5. HOSPITAL EARTHQUAKE LOADS:

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

6. PEDESTRIAN BRIDGE EARTHQUAKE LOADS:

RISK CATEGORY	II
SEISMIC IMPORTANCE FACTOR, I_e	1.0
MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS:	
S_S	0.101 g
S_1	0.069 g
SITE CLASS	C
DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS:	
S_{DS}	0.087 g
S_{D1}	0.069 g
SEISMIC DESIGN CATEGORY	B

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

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

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

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

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

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

   H/400 AT THE CENTER OF MASS
   MAXIMUM OF 0.6" AT THE EDGE OF THE BUILDING

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

C. DEFERRED STRUCTURAL SUBMITTALS

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

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

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

D. FOUNDATION

1. FOUNDATION DESIGN IS BASED ON THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT PREPARED BY ALPHA-OMEGA GEOTECH (REPORT NUMBER AOG 240229 E DATED APRIL 30, 2024), AND THE BRIDGE SHALLOW FOUNDATIONS MEMORANDUM (DATED MAY 14, 2024). STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS ENCOUNTERED IN THE FIELD DIFFERENT FROM THOSE ASSUMED FOR DESIGN.
2. STRUCTURAL TESTING/INSPECTION AGENCY SHALL CERTIFY THE BEARING MEDIUM.
3. INDIVIDUAL SPREAD FOOTINGS AND CONTINUOUS FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUPPORTING 3,000 PSF AND 2,500 PSF, RESPECTIVELY. PEDESTRIAN BRIDGE SPREAD FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUPPORTING 2,000 PSF.
4. FOUNDATION WALLS ARE DESIGNED FOR LATERAL PRESSURES DUE TO THE FOLLOWING EQUIVALENT FLUID DENSITIES:

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

5. PROOF-ROLL BUILDING AREAS WITH TWO COMPLETE COVERAGES OF A LOADED DUMP TRUCK OR SCRAPER. REPLACE SOFT AREAS WITH COMPACTED STRUCTURAL FILL AS REQUIRED BY THE SPECIFICATIONS.

E. REINFORCEMENT

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

   5.1. CAST-IN-PLACE CONCRETE REINFORCEMENT COVER

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

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

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

F. CAST-IN-PLACE CONCRETE

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

   2.1. NORMAL WEIGHT STRUCTURAL CONCRETE:

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

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

   2.2. LIGHTWEIGHT STRUCTURAL CONCRETE:
   (110-120 PCF FRESH UNIT WEIGHT/107-116 PCF AIR-DRIED UNIT WEIGHT)

	EXPOSURE CLASS	28-DAY COMPRESSIVE STRENGTH, f'_c	MAX. NOM. AGGREGATE SIZE
SLABS ON COMPOSITE STEEL DECK		3,500 PSI	1"
EXTERIOR SLABS ON COMPOSITE STEEL DECK	F1, C1	3,500 PSI	1"
INTERIOR TOPPING SLABS		4,000 PSI	3/4"
EXTERIOR TOPPING SLABS	F1, C1	4,000 PSI	3/4"

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

3. CONCRETE MIX REQUIREMENTS

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

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

   3.3. ALL CONCRETE SHALL SATISFY BOTH THE SPECIFIED MAXIMUM WATER TO CEMENT RATIO AND THE MINIMUM COMPRESSIVE STRENGTH, f'_c, REQUIREMENTS.

4. PIPES OR DUCTS SHALL NOT EXCEED ONE-THIRD THE SLAB OR WALL THICKNESS UNLESS SPECIFICALLY DETAILED. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATION OF SLEEVES, ACCESSORIES, ETC.
5. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, CLIPS OR GROUNDS REQUIRED TO BE ENCASED IN CONCRETE AND FOR LOCATION OF ALL CONCRETE FINISHES AND SLAB DEPRESSIONS.
6. CONSTRUCTION JOINTS

   6.1. LOCATIONS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER.

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

   6.3. JOINTS SHALL BE LOCATED WITHIN THE MIDDLE THIRD OF SPANS OF SLABS.

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

G. POST-INSTALLED ANCHORS AND REINFORCING STEEL

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

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

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

H. STRUCTURAL STEEL

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

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

3. BOLTS, ANCHOR RODS, AND HEADED STUDS:

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

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

   3.3. HEADED STUDS SHALL BE 3/4" DIAMETER UNLESS NOTED OTHERWISE AND SHALL CONFORM TO AWS D1.1. LENGTH OF STUD PRIOR TO INSTALLATION SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWING:

COMPOSITE BEAMS:	4-7/8" LONG HEADED STUDS (FOR 6-1/4" SLABS)
MISCELLANEOUS EMBEDS:	SEE CONTRACT DRAWINGS

4. CONNECTIONS:

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

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

   4.3. STANDARD SHEAR CONNECTIONS:

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

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

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

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

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

   4.7. REVIEW OF THE SHOP DRAWINGS AND/OR CONNECTION CALCULATIONS BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR AND CDSE OF THE FULL RESPONSIBILITY FOR THE DESIGN AND ADEQUACY OF SUCH CONNECTIONS.

5. COMPOSITE FLOOR MEMBERS ARE DESIGNED TO BE UNSHORED UNLESS OTHERWISE NOTED. THE WEIGHT OF THE WET CONCRETE WILL RESULT IN DEFLECTIONS OF THE SUPPORTING STEEL DECK, BEAMS, AND GIRDERS. ALL OVERRUNS OF CONCRETE QUANTITIES ARE TO BE ANTICIPATED AND INCLUDED IN THE CONTRACTOR'S BID. THE CONTRACTOR SHALL COORDINATE EMBEDDED ITEMS REQUIRED FOR ARCHITECTURAL, STRUCTURAL, AND MECHANICAL ELEMENTS. CONCRETE FLOORS UTILIZING UNSHORED CONSTRUCTION SHALL BE SCREEDED LEVEL.
6. SIZE AND SPACING OF CONDUITS IN COMPOSITE SLABS SHALL COMPLY WITH THE REQUIREMENTS OF ASCE 3-91, UNLESS NOTED OTHERWISE ON DRAWINGS.
7. THE CAMBER OF STEEL MEMBERS SHALL BE VERIFIED IN THE SHOP AND THE FIELD PER THE SPECIFICATIONS.
8. THE STRUCTURAL STEEL MEMBERS HAVE NOT BEEN DESIGNED TO ACCOMMODATE THE TORSION RESULTING FROM THE ECCENTRIC LOADING OF THE PRECAST PANELS, CURTAINWALL SYSTEMS, LIGHT GAUGE METAL FRAMING, ETC. SUPPLEMENTAL SECONDARY BRACING SHALL BE DESIGNED AND PROVIDED BY THE SUPPLIER TO ELIMINATE TORSION.
9. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) AND ITS REQUIRED CATEGORIES ARE INDICATED IN EITHER THE ARCHITECTURAL OR STRUCTURAL DRAWINGS. AESS SHALL CONFORM TO THE REQUIREMENTS IN SECTION 10 OF THE AISC CODE OF STANDARD PRACTICE FOR THE SPECIFIED CATEGORY. WHERE THE CATEGORY IS NOT SPECIFIED, OR THERE IS A CONFLICT, CONSULT THE ARCHITECT.
10. ALL STEEL EXPOSED TO WEATHER OR MOISTURE SHALL BE GALVANIZED UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
11. STEEL BAR GRATING SHALL CONFORM TO THE FOLLOWING UNLESS NOTED OTHERWISE:

    11.1. STEEL BAR GRATING SHALL BE 1-1/4" x3 /16" 19-W-4 STEEL BAR GRATING. STEEL BAR MATERIAL SHALL CONFORM TO ASTM A1011 CS TYPE B.

    11.2. GRATING SURFACE SHALL BE SERRATED.

    11.3. GRATING FINISH TO BE GALVANIZED IN ACCORDANCE WITH ASTM A123 OR A385.

    11.4. FASTEN GRATING TO STEEL SUPPORTS WITH EITHER 3/16" FILLET WELDS X 3/4" LONG AT EVERY SIXTH BEARING BAR ALONG SUPPORT (MIN. OF 2 WELDS PER PANEL), OR SADDLE CLIP AND SELF-DRILLING FASTENER AT EVERY SIXTH BEARING BAR ALONG SUPPORT (MIN. OF 2 CLIPS PER PANEL).
12. THE LATERAL LOAD-RESISTING SYSTEM INCLUDES STRUCTURAL STEEL, NON-STRUCTURAL STEEL ELEMENTS, AND THE DIAPHRAGM, AS INDICATED BELOW. ALL ELEMENTS OF THE LATERAL LOAD-RESISTING SYSTEM AND DIAPHRAGM ARE REQUIRED TO BE COMPLETE AS INDICATED AND DETAILED IN THE STRUCTURAL CONTRACT DOCUMENTS TO PROVIDE THE LATERAL STRENGTH AND STABILITY OF THE STEEL STRUCTURE. THE STRUCTURE SHALL BE CONSIDERED UNSTABLE UNTIL THESE SYSTEMS AND ELEMENTS ARE COMPLETE.

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

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

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

    STEEL FLOOR DECK WITH CONCRETE AT 28-DAY STRENGTH
    STEEL ROOF DECK
    DIAPHRAGM BRACING

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

    STEEL FLOOR DECK WITH CONCRETE AT 28-DAY STRENGTH
    STEEL ROOF DECK
    DIAPHRAGM BRACING
    STRUCTURAL STEEL BRACING AND KICKERS
14. THE WALL THICKNESS OF ROLLED HSS MEMBERS SHOWN ON THE PLANS IS THE MINIMUM THICKNESS REQUIRED FOR STRUCTURAL PURPOSES. THE CONTRACTOR SHALL INCREASE THE WALL THICKNESS OR EMPLOY OTHER CONSTRUCTION MEANS AS REQUIRED TO PREVENT DISTORTION, WARPING, OR OIL-CANNING OF THE HSS CROSS SECTION.

I. STEEL DECK

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

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

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

   ROOF DECK SHALL BE APPROVED BY FM GLOBAL FOR THE SPAN LENGTHS SHOWN ON THE CONTRACT DOCUMENTS AND THE LAYOUT BY THE SUPPLIER.

   3.2. THE TORIS ROOF DECK BASIS OF DESIGN IS TORIS ROOF DECK PRODUCED BY EPIC METALS (IAPMO UES ER-0266). OTHER DECK MANUFACTURERS ARE PERMITTED PROVIDED THE FOLLOWING MINIMUM DECK PROPERTIES ARE MET OR EXCEEDED:

GAGE	20
YIELD STRESS	40 KSI
MOMENT OF INERTIA, I	0.77 IN^4/FT
SECTION MODULUS (POSITIVE MOMENT), S(+)	0.48 IN^3/FT
SECTION MODULUS (NEGATIVE MOMENT), S(-)	0.44 IN^3/FT

   ROOF DECK SHALL BE APPROVED BY FM GLOBAL FOR THE SPAN LENGTHS SHOWN ON THE CONTRACT DOCUMENTS AND THE LAYOUT BY THE SUPPLIER.

   3.3. DECK FINISH SHALL BE GALVANIZED G60.

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

   4.1. THE 3" COMPOSITE FLOOR DECK BASIS OF DESIGN IS 3VLI DECK PRODUCED BY VULCRAFT (IAMPO UES ER-0652). OTHER DECK MANUFACTURERS ARE PERMITTED PROVIDED THE FOLLOWING MINIMUM DECK PROPERTIES ARE MET OR EXCEEDED:

GAGE	20
YIELD STRESS	50 KSI
MOMENT OF INERTIA (POSITIVE BENDING), I(+)	0.919 IN^4/FT
MOMENT OF INERTIA (NEGATIVE BENDING), I(-)	0.921 IN^4/FT
SECTION MODULUS (POSITIVE MOMENT), S(+)	0.512 IN^3/FT
SECTION MODULUS (NEGATIVE MOMENT), S(-)	0.539 IN^3/FT

   4.2. DECK FINISH SHALL BE GALVANIZED G60.

   4.3. COMPOSITE FLOOR DECK IS DESIGNED TO BE UNSHORED UNLESS NOTED OTHERWISE ON THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR SHORING DECK OR INCREASING DECK GAGE WHERE THE DECK CLEAR SPAN EXCEEDS THE SDI MAXIMUM UNSHORED CLEAR SPAN CONSIDERING THE LAYOUT OF THE DECK. ANY SUCH AREA OF SHORING OR INCREASED DECK GAGE SHALL BE NOTED ON THE SHOP DRAWINGS AND APPROVED BY THE STRUCTURAL ENGINEER.

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Project No. 24051.00

STATE OF MISSOURI
MICHAEL E. CORRIN
NUMBER PE-2011027844
PROFESSIONAL ENGINEER
12.5.24

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.

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

DATE:	2024/12/05
SCALE:	1/2" = 1'-0"
DRAWN:	JL
REVIEWED:	JDP
JOB NUMBER:	6406.24

STRUCTURAL NOTES

S011

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STRUCTURAL NOTES

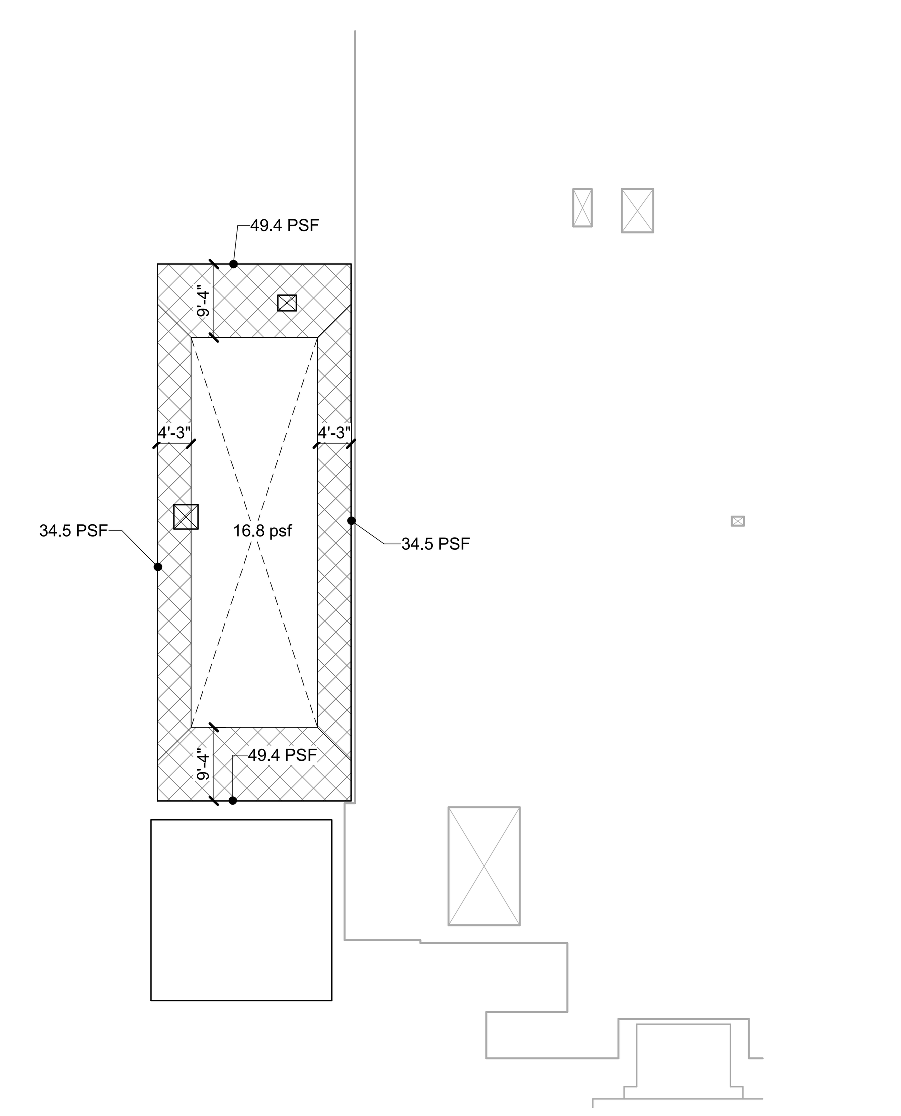
5. CONCRETE SLABS ON METAL DECK
   - 5.1. FLOOR SLABS ARE TO BE FINISHED LEVEL TO THE FLATNESS AND LEVELNESS REQUIREMENTS IN THE SPECIFICATIONS. THE WEIGHT OF THE WET CONCRETE WILL CAUSE DEFLECTIONS OF THE STEEL FRAMING, THUS, CONCRETE OVERRUNS ARE TO BE ANTICIPATED AND INCLUDED IN THE CONTRACTOR'S BASE BID.
   - 5.2. COORDINATE EMBEDDED ITEMS REQUIRED FOR ARCHITECTURAL, STRUCTURAL, AND MEP ELEMENTS.

J. COLD-FORMED METAL STUDS

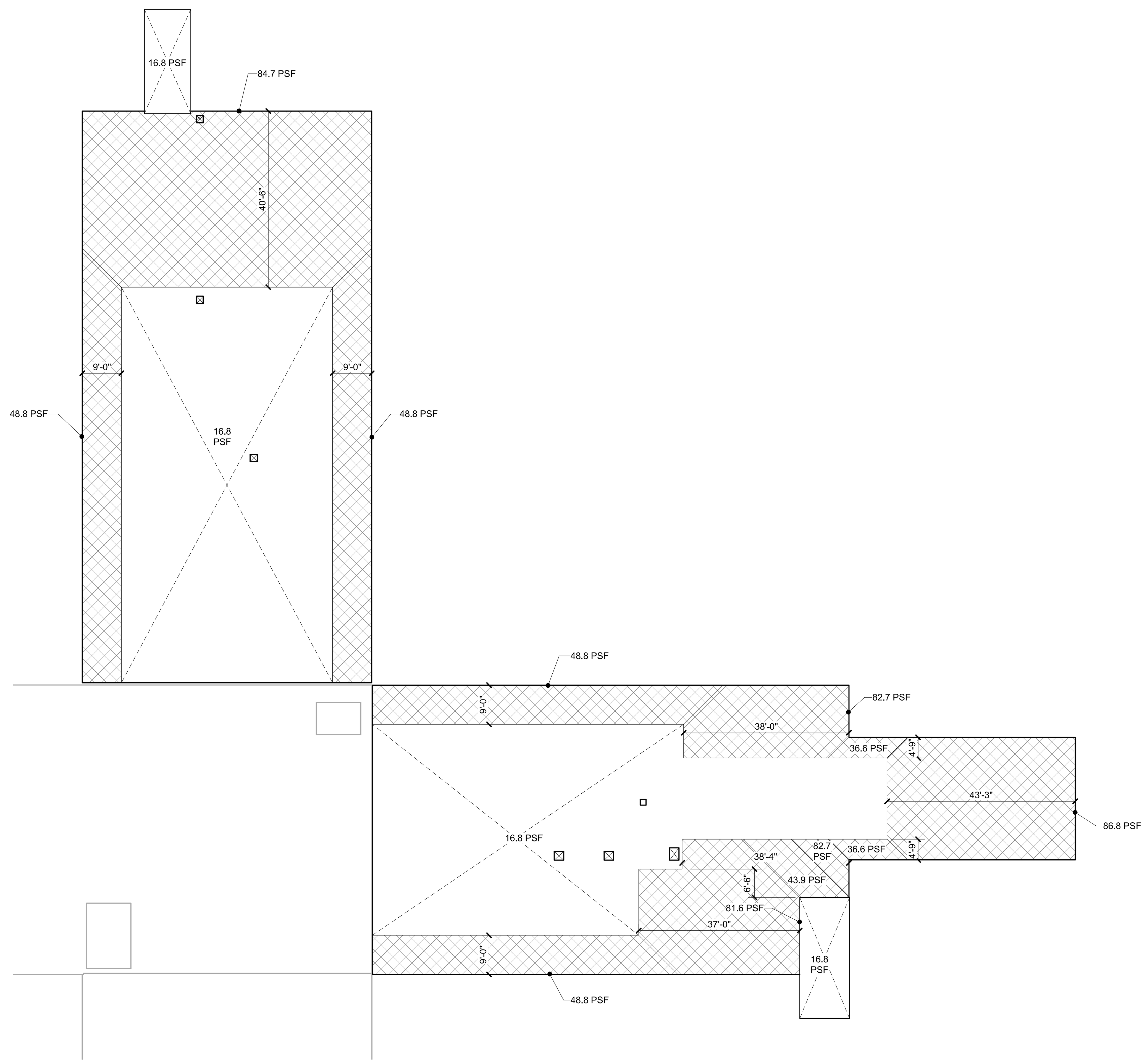
1. COLD-FORMED STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH AISI S100 "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
2. DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.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

K. CHANNEL STRUT FRAMING SUPPORT SYSTEM (UNISTRUT)

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



2 DIETARY EXPANSION SNOW DRIFT LOADING PLAN (NTS)



1 TOWER SNOW DRIFT LOADING PLAN (NTS)

REINFORCING LAP LENGTH SCHEDULE

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

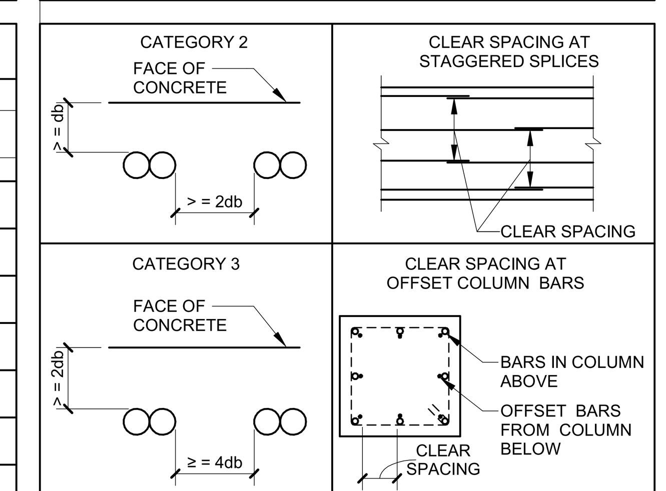
BAR SIZE	LAP CLASS	LAP LENGTH PER SPACING AND COVER CASE (3)					
		TOP BARS (6) CATEGORY (2)			OTHER BARS CATEGORY (2)		
		1	2	3	1	2	3
#3	A	32	22	13	25	17	12
	B	42	28	17	32	22	13
#4	A	43	29	17	33	22	13
	B	56	37	23	43	29	17
#5	A	54	36	22	41	28	17
	B	70	47	28	54	36	22
#6	A	64	43	26	50	33	20
	B	84	56	34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

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

BAR SIZE	LAP CLASS	LAP LENGTH PER SPACING AND COVER CASE (3)					
		TOP BARS (6) CATEGORY (2)			OTHER BARS CATEGORY (2)		
		1	2	3	1	2	3
#3	A	28	19	12	22	15	12
	B	36	24	15	28	19	12
#4	A	37	25	15	29	19	12
	B	48	32	20	37	25	15
#5	A	47	31	19	36	24	15
	B	60	40	24	47	31	19
#6	A	56	37	22	43	29	17
	B	72	48	29	56	37	22
#7	A	81	54	33	63	42	25
	B	106	70	42	81	54	33
#8	A	93	62	37	71	48	29
	B	121	80	48	93	62	37
#9	A	105	70	42	81	54	33
	B	136	91	55	105	70	42
#10	A	118	79	47	91	61	37
	B	153	102	62	116	79	47
#11	A	131	87	53	101	67	41
	B	170	113	68	131	87	53

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

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



LAP NOTES:

1. LAP SPLICE LENGTHS ARE BASED ON ACI 318 SECTION 25.4.2.
2. CATEGORY DEFINITIONS: (SEE ADJACENT FIGURES FOR ADDITIONAL INFORMATION)
   - CATEGORY 1 - OTHER CASES - DOES NOT MEET CATEGORY 2 OR 3.
   - CATEGORY 2 - CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN 2db AND CLEAR COVER NOT LESS THAN db.
   - CATEGORY 3 - CLEAR COVER NOT LESS THAN 2db AND THE CLEAR SPACING NOT LESS THAN 4db.
3. MINIMUM LAP SPLICE SHALL NOT BE LESS THAN 12 INCHES.
4. MULTIPLY ABOVE LAP LENGTHS BY 1.53 FOR GRADE 80 REINFORCING STEEL.
5. MULTIPLY ABOVE LAP LENGTHS BY 1.3 FOR LIGHTWEIGHT CONCRETE.
6. TOP BARS ARE DEFINED AS HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE DEVELOPMENT LENGTH OR SPLICE.
7. COMPRESSION LAPS FOR GR. 60 UNCOATED BARS IN NORMAL WEIGHT CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI SHALL BE 30db. USE 48db FOR GR. 80 COMPRESSION LAP.
8. IF BARS OF DIFFERENT SIZE ARE LAP SPLICED IN TENSION, SPLICE LENGTH SHALL BE THE GREATER OF A CLASS A LAP OF THE LARGER BAR AND A CLASS B LAP OF THE SMALLER BAR.

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Project No. 24051.00

STATE OF MISSOURI MICHAEL E. CORRIN NUMBER PE-2011027844 PROFESSIONAL ENGINEER 12.5.24

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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

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

STRUCTURAL NOTES

S012

STRUCTURAL SPECIAL INSPECTION STATEMENT

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

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

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

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

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

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

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

THIS STATEMENT OF SPECIAL INSPECTIONS INCLUDES THE FOLLOWING INSPECTION CATEGORIES:

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

SPECIAL INSPECTION AGENCIES

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

NOTES:

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

STRUCTURAL SPECIAL INSPECTION SCHEDULE: FABRICATORS

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

STRUCTURAL SPECIAL INSPECTION SCHEDULE: SOILS

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

STRUCTURAL SPECIAL INSPECTION SCHEDULE: CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY		REFERENCED STANDARD	CODE REFERENCE
		CONTINUOUS	PERIODIC		
INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	X	-	X	ACI 318: Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706; b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND c. INSPECT ALL OTHER WELDS.	-	- - X	X X -	AWS D1.4 ACI 318: 26.6.4	-
INSPECT ANCHORS CAST IN CONCRETE	X	-	X	ACI 318: 17.8.2	-
INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN a.	X	X -	- X	ICC-ES/IAPMO REPORTS ACI 318: 17.8.2.4 ACI 318: 17.8.2	-
VERIFY USE OF REQUIRED DESIGN MIX.	X	-	X	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	X	-	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.10
INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	X	-	X	ACI 318: 26.5.3-26.5.5	1908.9
INSPECT PRESTRESSED CONCRETE FOR: a. APPLICATION OF PRESTRESSING FORCES; AND b. GROUTING OF BONDED PRESTRESSING TENDONS.		X X	- -	ACI 318: 26.10	-
INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	-	X	ACI 318: 26.9	-
VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		-	X	ACI 318: 26.11.2	-
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	X	-	X	ACI 318: 26.11.1.2(b)	-

STRUCTURAL SPECIAL INSPECTION SCHEDULE: STRUCTURAL STEEL CONSTRUCTION

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

STRUCTURAL SPECIAL INSPECTION SCHEDULE: COLD-FORMED STEEL DECK

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

MINIMUM SPECIAL INSPECTOR QUALIFICATIONS

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

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

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

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

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

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Project No. 24051.00

STATE OF MISSOURI
MICHAEL E. CORRY
NUMBER PE-2011027844
PROFESSIONAL ENGINEER
12.5.24

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.

MED SURG & DIETARY EXPANSION

HCA - LEE'S SUMMIT MEDICAL CENTER
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LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

12/4/2024 2:14:33 PM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/2405100-Lee's_Summit_MC_Med-Surg_Bed_Expasion_SDL23.rvt

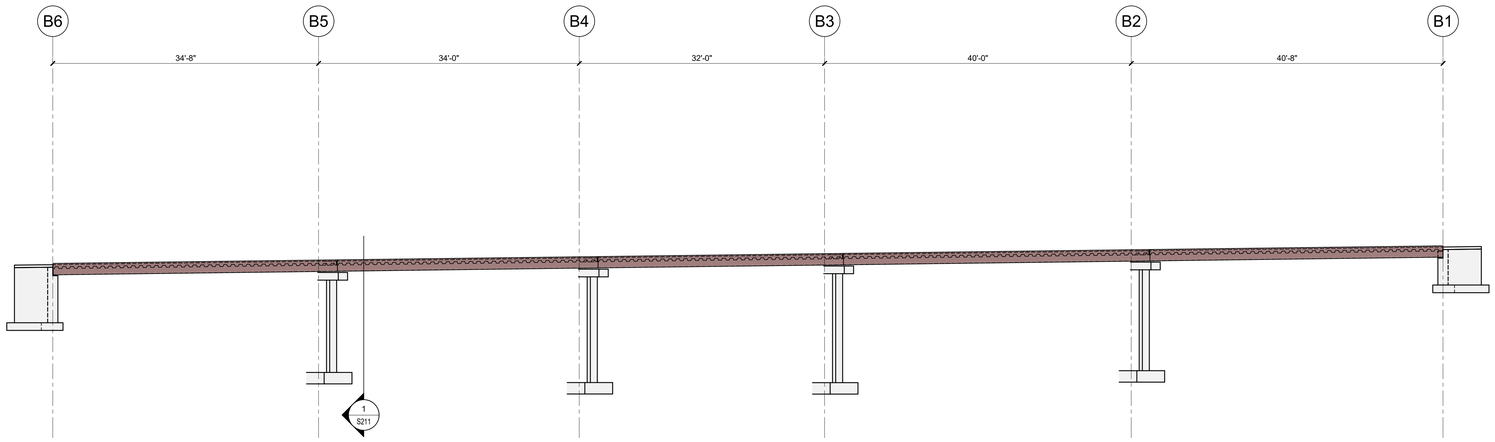
DATE:	2024/12/05
SCALE:	12" = 1'-0"
DRAWN:	JL
REVIEWED:	JDP
JOB NUMBER:	6406.24

STRUCTURAL SPECIAL INSPECTIONS

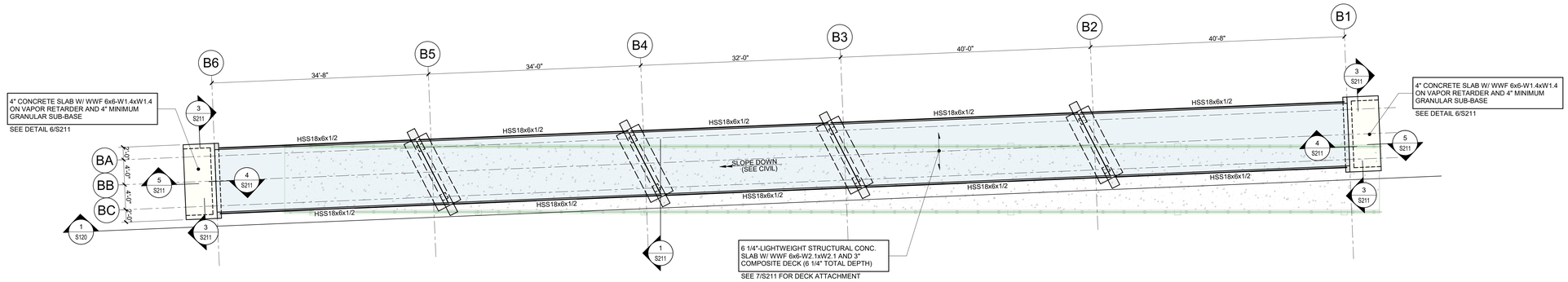
S013

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.

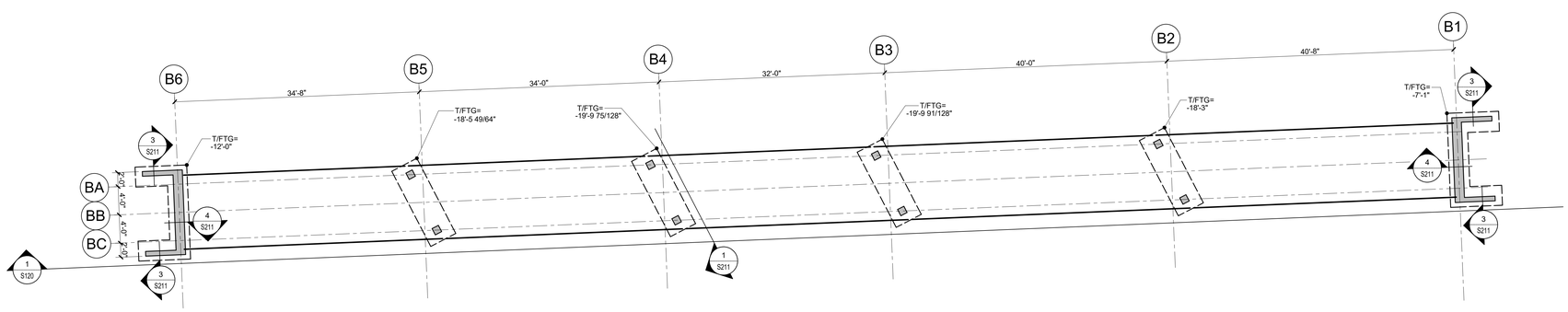


1 BRIDGE ELEVATION



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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PROFESSIONAL ENGINEER
12.5.24

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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

PEDESTRIAN BRIDGE FOUNDATION AND FRAMING PLANS

S120

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Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/24051100-Lee's_Summit_MC_Med-Surg_Bed_Expasion_SDL23.rvt
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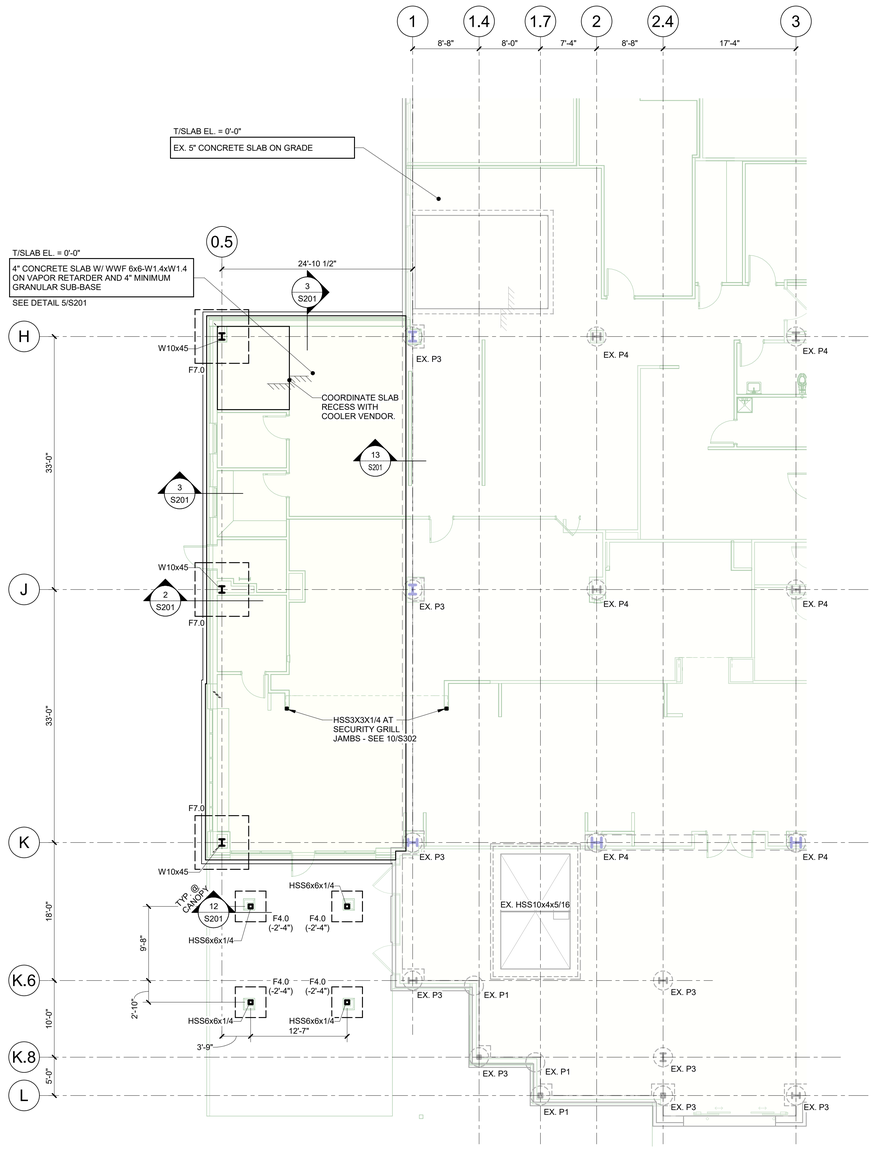

FIRST FLOOR - DIETARY EXPANSION

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

SHEET NOTES:

1. REFERENCE ELEVATON 0'-0" = 1006.29' (REFER TO CIVIL DRAWINGS).
2. TOP OF FOUNDATION ELEVATIONS ARE X' BELOW FINISHED FLOOR ELEVATION UNLESS NOTED OTHERWISE.
3. FOUNDATION ELEMENTS ARE CENTERED UNDER COLUMNS UNLESS NOTED OTHERWISE.
4. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR EDGE OF SLAB DIMENSIONS.
6. COORDINATE ALL SLAB DEPRESSIONS WITH MEP AND ARCHITECTURAL DRAWINGS.
7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS AND EXTENTS OF NON-LOAD BEARING CMU WALLS. COORDINATE WITH STRUCTURAL DETAILS.
8. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS RELATED TO THE NEW STRUCTURE PRIOR TO FABRICATION AND CONSTRUCTION. NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF ANY DISCREPANCIES.
9. SHEET AND TYPICAL DETAIL REFERENCES:

S0 SERIES	STRUCTURAL NOTES
1/S201	FOOTING SCHEDULE
S201	SLAB ON GROUND
S401	STAIRS
S501	GRAVITY COLUMNS
S601	MOMENT FRAMES

10. X/SX.XX TOPPING SLAB & HOUSEKEEPING PADS

MARK AND LEGEND KEY:

F#.#	FOOTING
[ ]	TOPPING SLAB, HOUSEKEEPING PAD, OR CURB

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MICHAEL E. COLEMAN
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12-5-24

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AGENCY

REVISIONS

REV #	DESCRIPTION	DATE

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

LEVEL 1 FOUNDATION PLAN

S121

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)_rvt23/24051D0-Lee's_Summit_MC_Med-Surg_Bed_Expasion_SDL23.rvt

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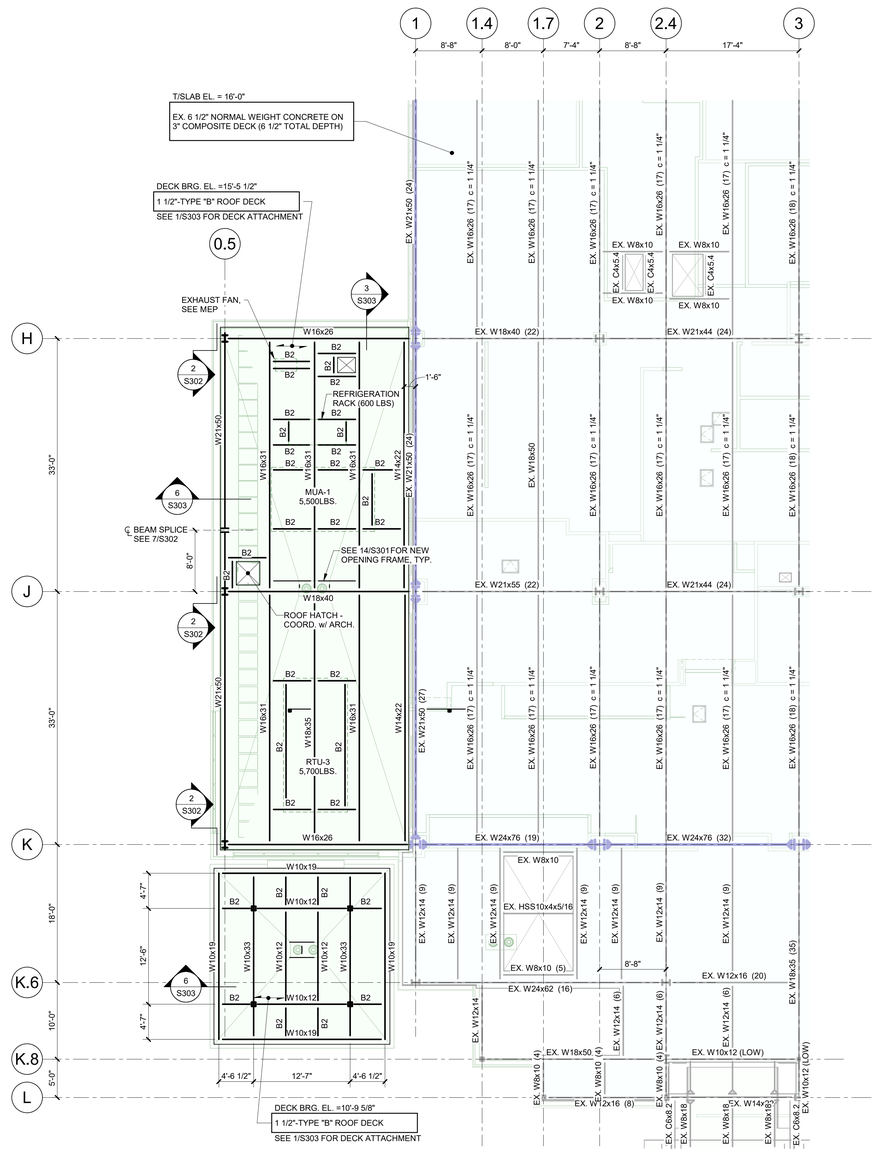

SECOND FLOOR - DIETARY EXPANSION

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

SHEET NOTES:

1. ALL BEAMS SHALL BE SPACED EQUALLY IN COLUMN BAYS, UNLESS NOTED OTHERWISE.
2. EDGE OF SLAB/BENT PLATE IS LOCATED 6" OFF OF BEAM CENTERLINES AT INTERIOR OPENINGS, UNLESS NOTED OTHERWISE.
3. REFER TO FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
4. REFER TO ARCHITECTURAL DRAWINGS FOR EDGE OF SLAB DIMENSIONS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR TOP OF SLAB ELEVATIONS, SLAB SLOPE AND EDGE OF SLAB DIMENSIONS.
6. COORDINATE ALL SLAB OPENINGS AND DEPRESSIONS WITH MEP AND ARCHITECTURAL DRAWINGS.
7. WEIGHTS SHOWN FOR MECHANICAL EQUIPMENT ARE MAXIMUMS. NOTIFY STRUCTURAL ENGINEER IF ACTUAL WEIGHTS EXCEED THE VALUES GIVEN.
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.
9. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS RELATED TO THE NEW STRUCTURE PRIOR TO FABRICATION AND CONSTRUCTION.
10. SHEET AND TYPICAL DETAIL REFERENCES:

S0 SERIES	STRUCTURAL NOTES
6/S302	WELD THROUGH MOMENT CONNECTIONS
S301	COMPOSITE SLABS
S302	FRAMING SECTIONS AND DETAILS
S303	ROOF FRAMING SECTIONS AND DETAILS
S401	STAIRS
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
	BARRIER CABLES

11. ULTIMATE (LRFD) REACTIONS FOR STEEL BEAMS SUPPORTING NON-COMPOSITE DECK SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

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

12. STEEL BEAM SCHEDULE:

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

Devenney GROUP

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Structural Engineers
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Building 1, Suite 175
Brentwood, TN 37027
www.sdlal.com
615 320 1735
Project No. 24051.00

STATE OF MISSOURI
MICHAEL E. COATNEY
NUMBER
PE-2011027444
PROFESSIONAL ENGINEER
12-5-24

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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

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LEVEL 2 FRAMING PLAN

S122

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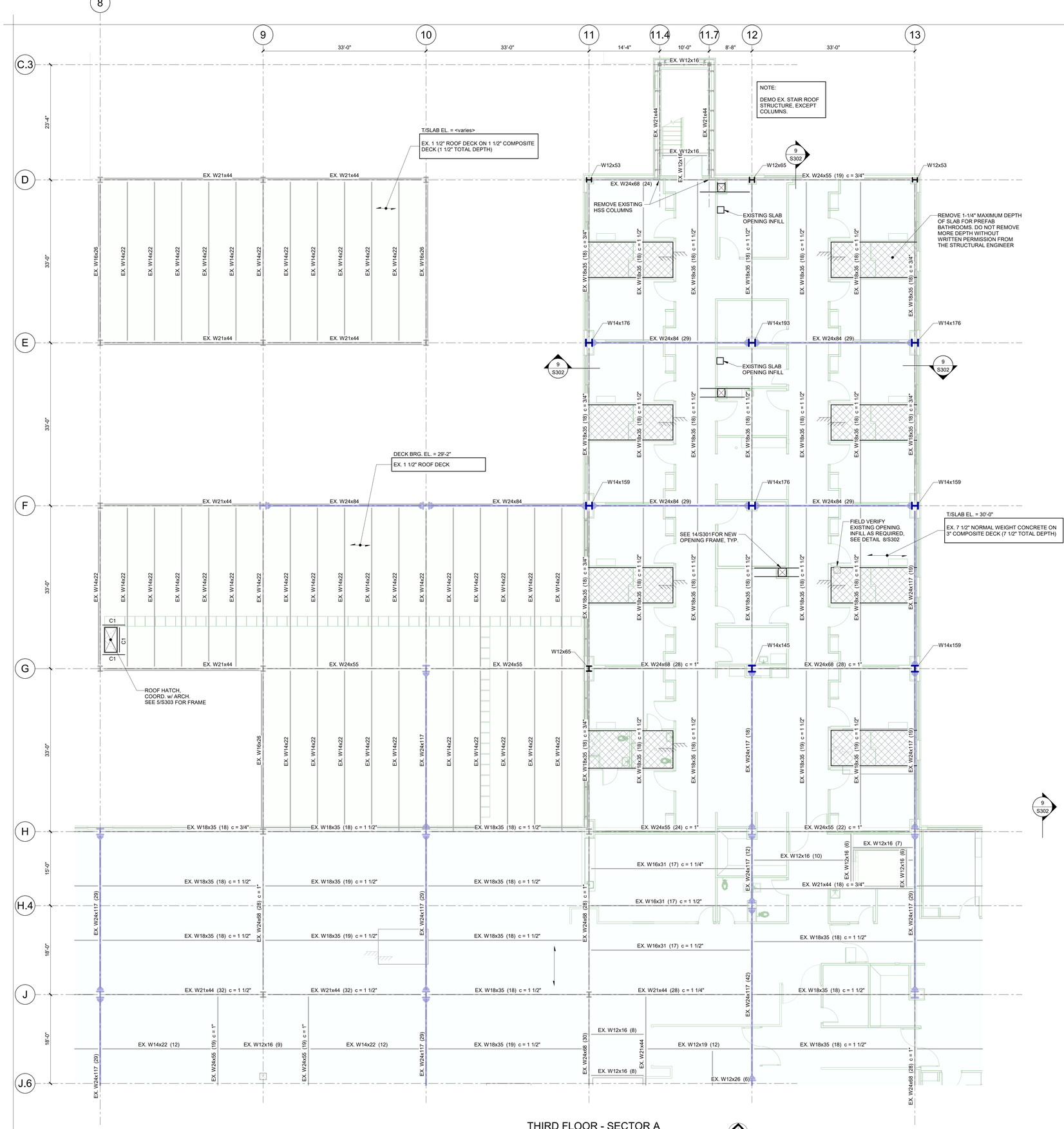

THIRD FLOOR - SECTOR A

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

SHEET NOTES:

1. ALL BEAMS SHALL BE SPACED EQUALLY IN COLUMN BAYS, UNLESS NOTED OTHERWISE.
2. EDGE OF SLAB/BENT PLATE IS LOCATED 6" OFF OF BEAM CENTERLINES AT INTERIOR OPENINGS, UNLESS NOTED OTHERWISE.
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5. REFER TO ARCHITECTURAL DRAWINGS FOR TOP OF SLAB ELEVATIONS, SLAB SLOPE AND EDGE OF SLAB DIMENSIONS.
6. COORDINATE ALL SLAB OPENINGS AND DEPRESSIONS WITH MEP AND ARCHITECTURAL DRAWINGS.
7. WEIGHTS SHOWN FOR MECHANICAL EQUIPMENT ARE MAXIMUMS. NOTIFY STRUCTURAL ENGINEER IF ACTUAL WEIGHTS EXCEED THE VALUES GIVEN.
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S601	MOMENT FRAMES
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MARK AND LEGEND KEY:

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11. ULTIMATE (LRFD) REACTIONS FOR STEEL BEAMS SUPPORTING NON-COMPOSITE DECK SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

SIZE	REACTION	SIZE	REACTION	SIZE	REACTION
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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
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MISSOURI DHSS

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LEVEL 3 FRAMING PLAN - SECTOR A

S123A

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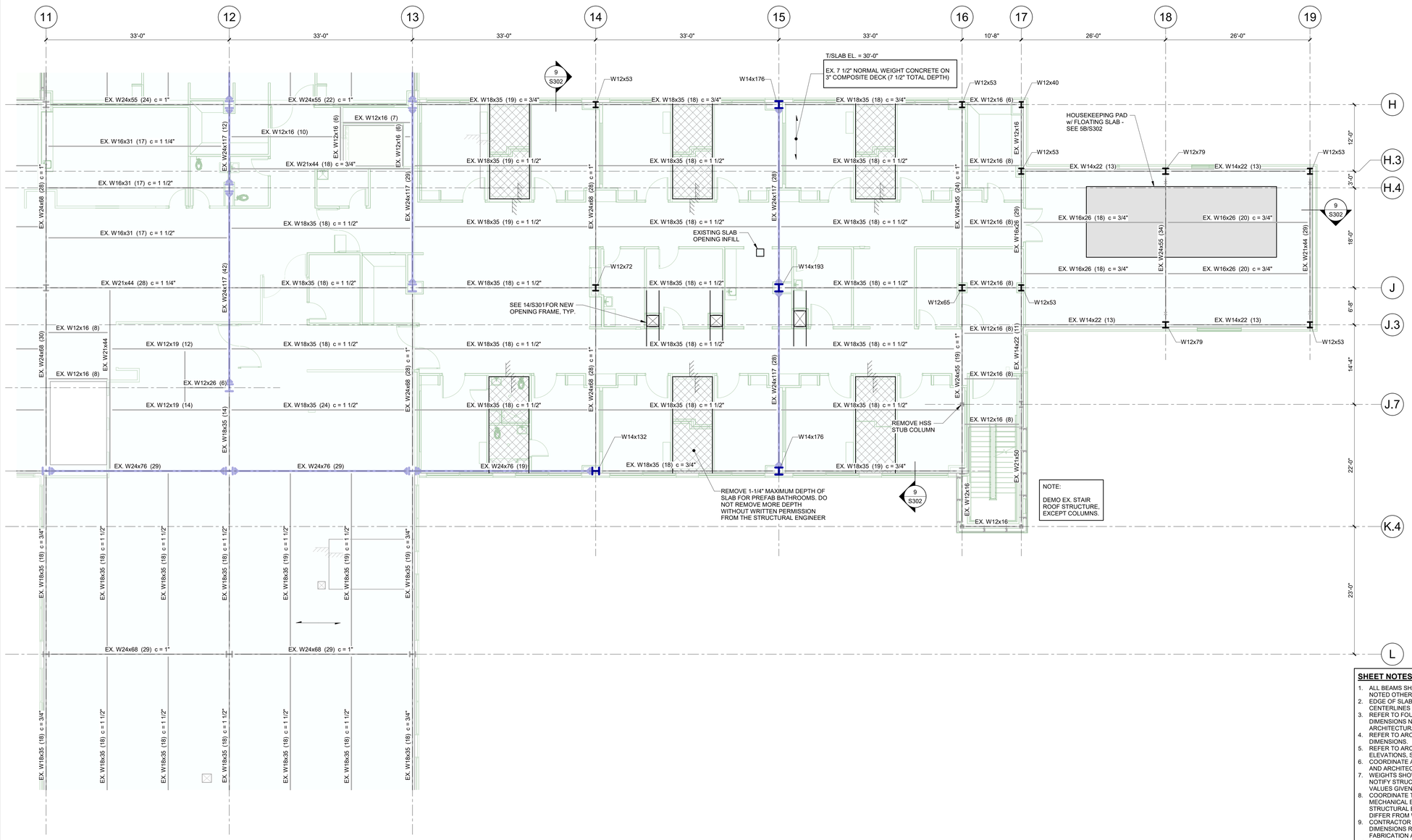

NOTE:

DEMO EX. STAIR ROOF STRUCTURE, EXCEPT COLUMNS.

THIRD FLOOR - SECTOR B

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

SHEET NOTES:

1. ALL BEAMS SHALL BE SPACED EQUALLY IN COLUMN BAYS, UNLESS NOTED OTHERWISE.
2. EDGE OF SLAB/BENT PLATE IS LOCATED 6" OFF OF BEAM CENTERLINES AT INTERIOR OPENINGS, UNLESS NOTED OTHERWISE.
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W14	30 KIPS				

12. STEEL BEAM SCHEDULE:

MARK	SIZE	ULTIMATE (LRFD) REACTION
B1	W8x10	12 KIPS
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C1	C8X11.5	12 KIPS

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MED SURG & DIETARY EXPANSION

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LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
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LEVEL 3 FRAMING PLAN - SECTOR B

S123B

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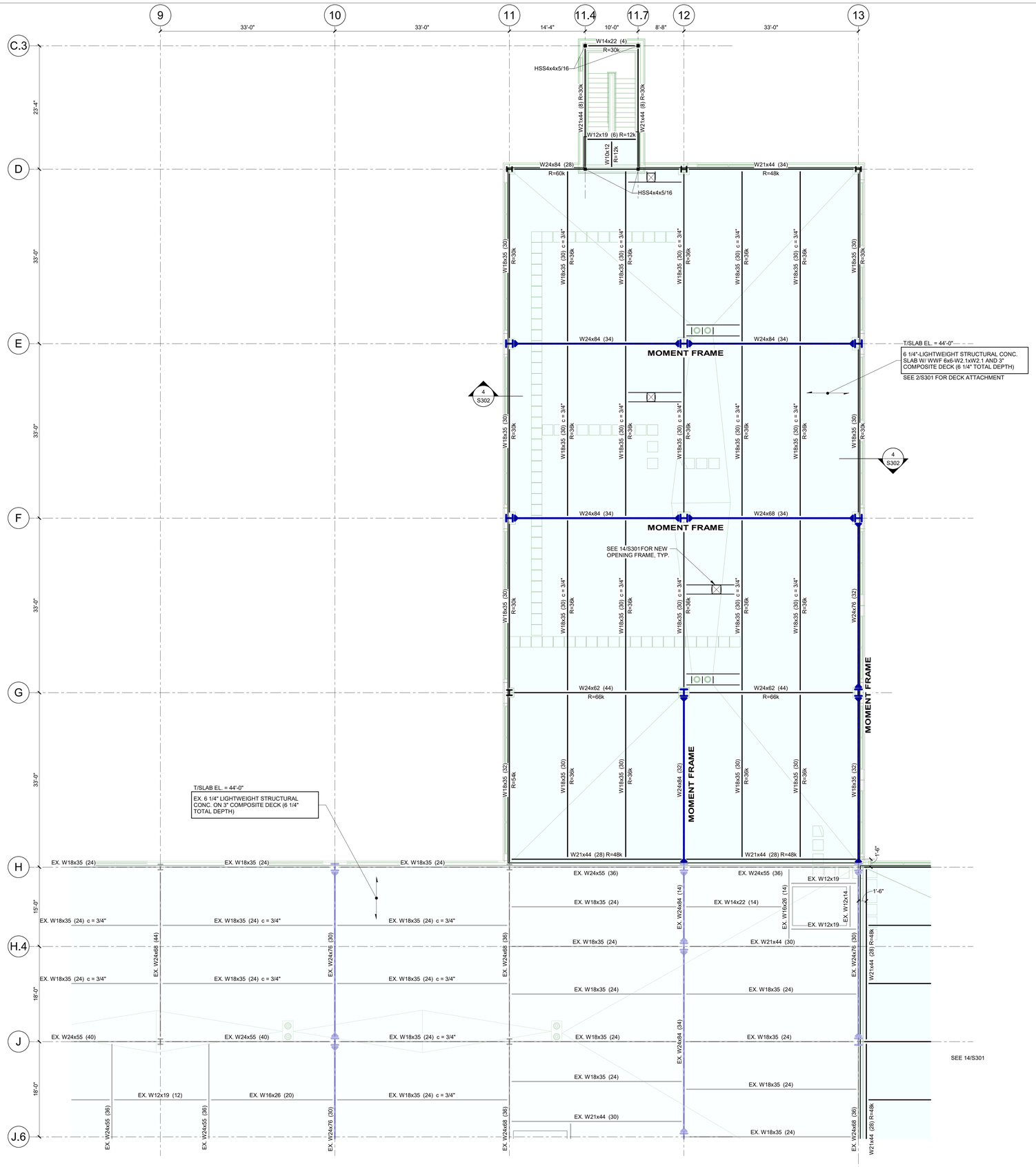
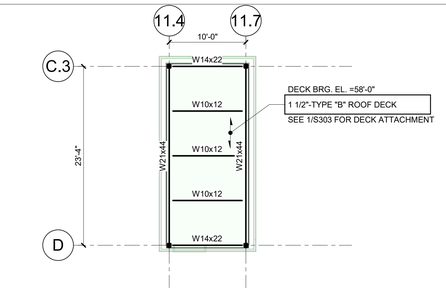


ROOF / FUTURE FOURTH - SECTOR A

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



PARTIAL HIGH ROOF FRAMING PLAN

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

SHEET NOTES:

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S601	MOMENT FRAMES
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MARK AND LEGEND KEY:

	WELD THROUGH MOMENT CONNECTION
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W10	12 KIPS	W18	30 KIPS	W27	66 KIPS
W12	12 KIPS	W21	48 KIPS	W30	66 KIPS
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12. STEEL BEAM SCHEDULE:

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

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ROOF FRAMING PLAN - SECTOR A

S124A

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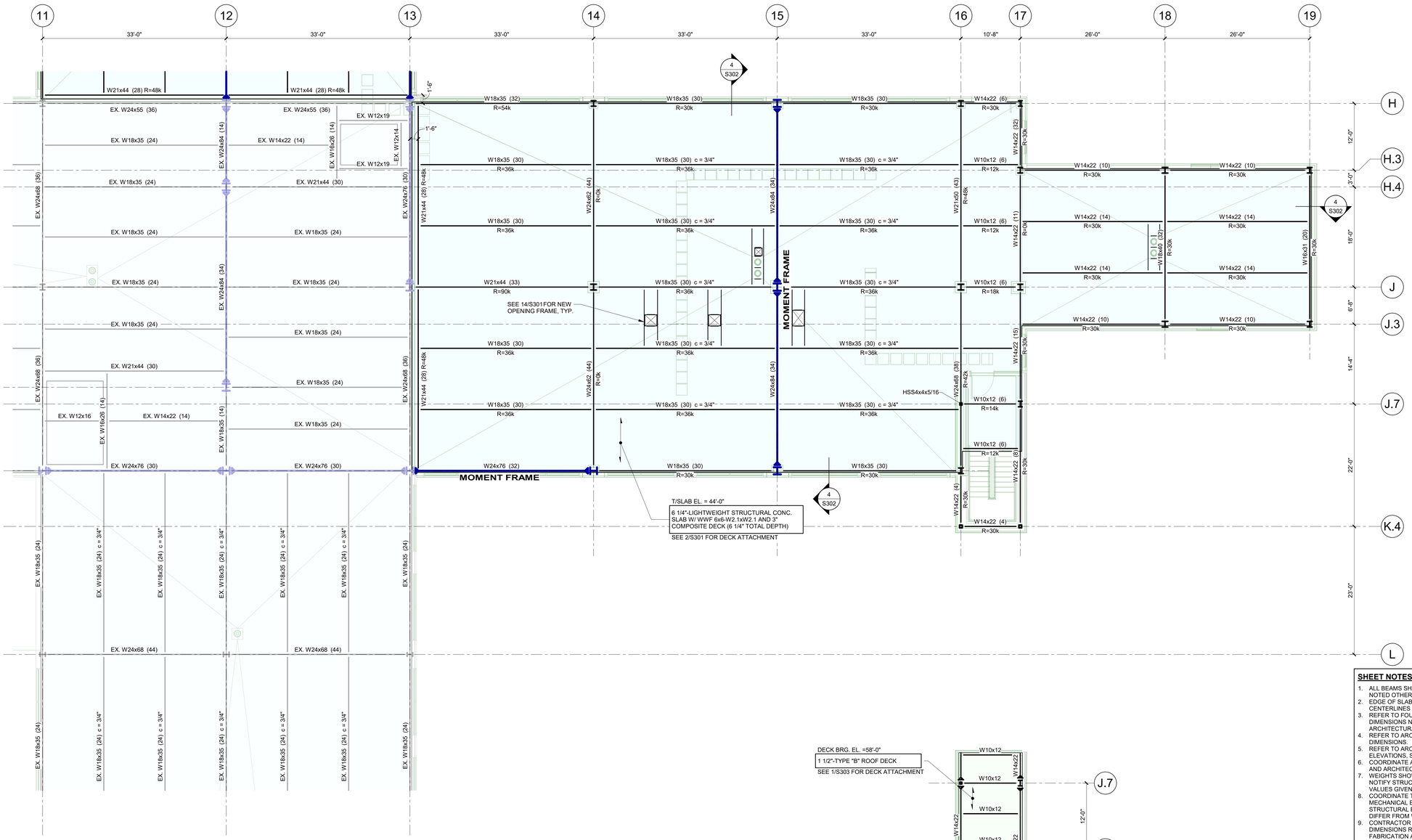
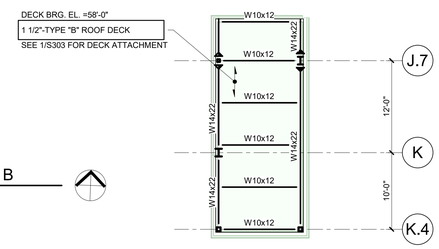


ROOF / FUTURE FOURTH - SECTOR B

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



PARTIAL HIGH ROOF FRAMING PLAN

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

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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

Devenney GROUP

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Consultant:

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Stanley D. Lindsey and Associates, Ltd.
Structural Engineers
750 Old Hickory Blvd.
Building 1, Suite 175
Brentwood, TN 37027
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615 320 1735
Project No. 24051.00

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MED SURG & DIETARY EXPANSION

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LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

ROOF FRAMING PLAN - SECTOR B

S124B

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/2405100-Lee's_Summit_MC_Med-Surg_Bed_Expasion_SD123.rvt
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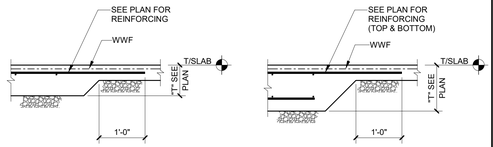
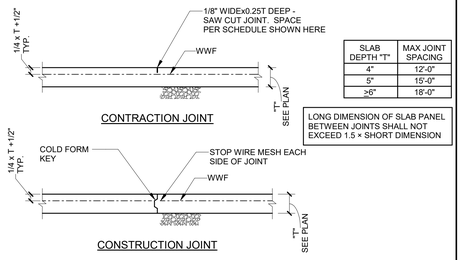


AT T ≤ 8" AT T > 8"

NOTE:
OFFSET CONTRACTION JOINT TO AVOID INTERSECTING THICKENED SLAB AREA

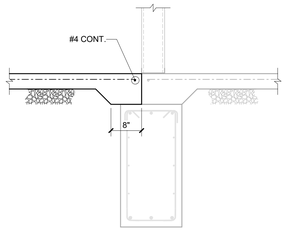
9 TYPICAL THICKENED SLAB ON GROUND DETAILS



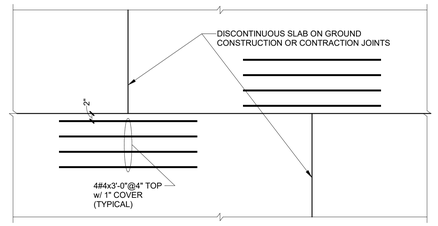
SLAB DEPTH "T"	MAX JOINT SPACING
4"	12'-0"
5"	15'-0"
≥6"	18'-0"

LONG DIMENSION OF SLAB PANEL BETWEEN JOINTS SHALL NOT EXCEED 1.5 × SHORT DIMENSION

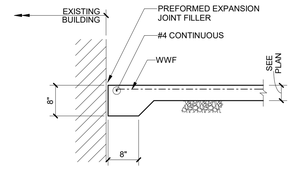
5 TYPICAL SLAB ON GROUND DETAILS



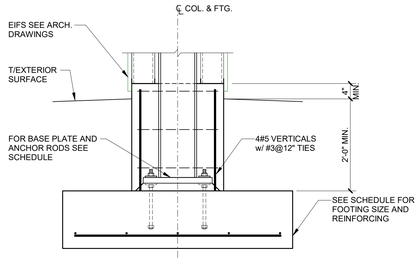
13 SECTION AT EXISTING



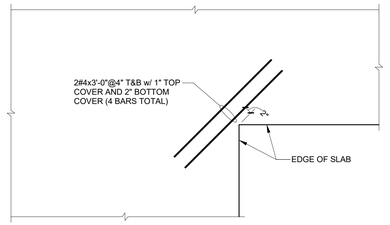
8 TYP. REINFORCING AT DISCONTINUOUS JOINTS



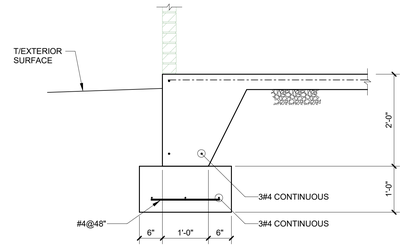
4 TYPICAL SECTION AT EXISTING BUILDING



12 SECTION AT CANOPY COLUMN

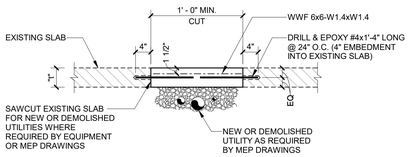


7 TYPICAL REINFORCING AT SLAB ON GROUND RE-ENTRANT CORNERS

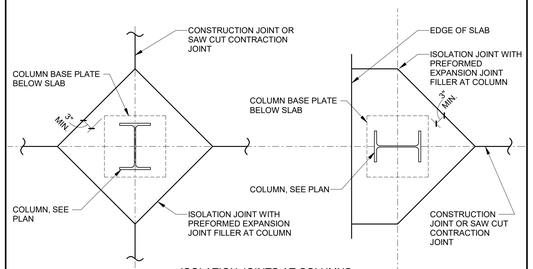


3 TYPICAL TURNED DOWN SLAB

NOTE:
SEE MEP DRAWINGS FOR LOCATIONS

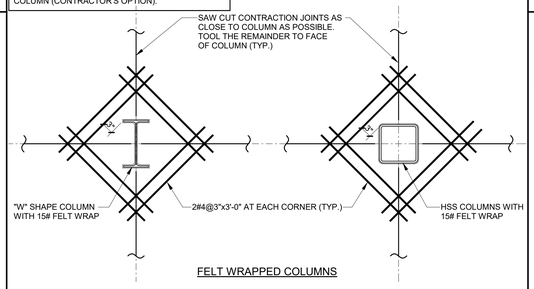


11 SECTION AT NEW/DEMOLISHED UTILITIES AT EXISTING SLAB



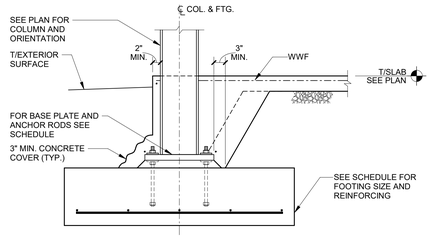
ISOLATION JOINTS AT COLUMNS

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

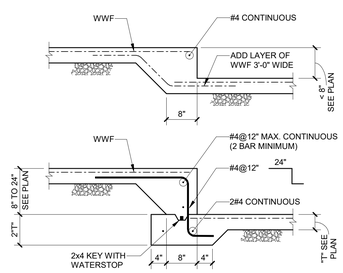


FELT WRAPPED COLUMNS

6 TYPICAL SLAB ON GROUND JOINT DETAILS AT STEEL COLUMNS



2 TYPICAL EXTERIOR COLUMN FOOTING DETAIL



10 TYP. DEPRESSED SLAB ON GROUND DETAILS

FOOTING SCHEDULE

MARK	LENGTH	WIDTH	THICKNESS	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	REMARKS
F4.0	4'-0"	4'-0"	1'-3"		5#6 E.W.	
F7.0	7'-0"	7'-0"	2'-0"		9#8 E.W.	

1 FOOTING SCHEDULE

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Project No. 24051.00

STATE OF MISSOURI
MICHAEL E. COATNEY
NUMBER PE-2011027844
PROFESSIONAL ENGINEER
12-5-24

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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE

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TYPICAL FOUNDATION AND SLAB ON GROUND SECTIONS AND DETAILS

S201

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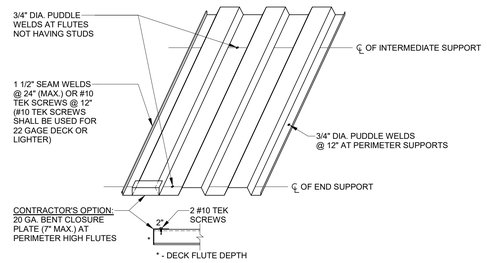
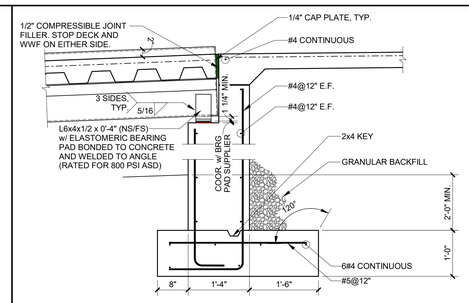
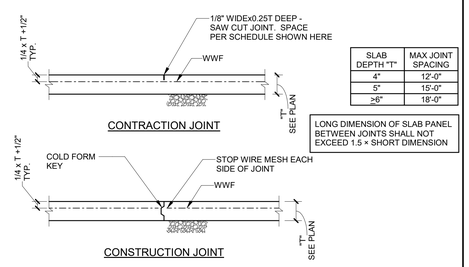


7 TYPICAL COMPOSITE DECK ATTACHMENT



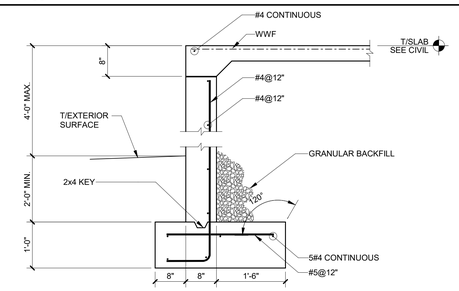
4 TYPICAL SECTION AT STEEL BEAM / RET. WALL



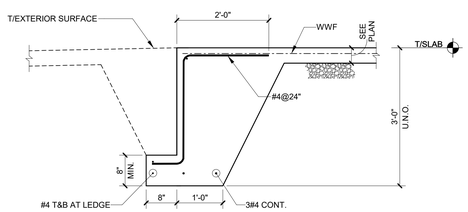
SLAB DEPTH "T"	MAX JOINT SPACING
4"	12'-0"
5"	15'-0"
>6"	18'-0"

LONG DIMENSION OF SLAB PANEL BETWEEN JOINTS SHALL NOT EXCEED 1.5 × SHORT DIMENSION

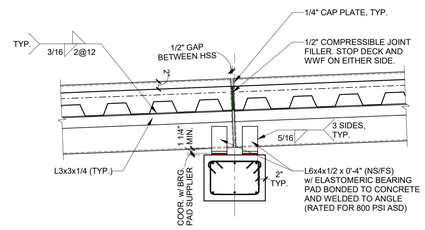
6 TYPICAL SLAB ON GROUND DETAILS



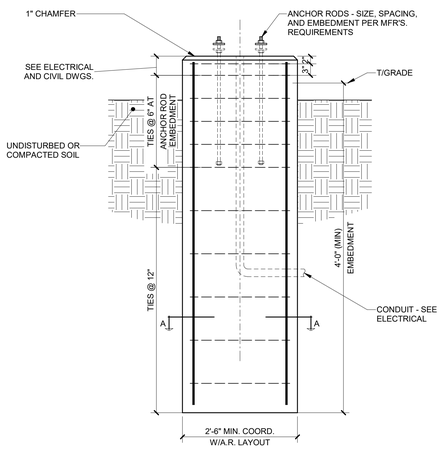
3 TYPICAL SECTION AT RETAINING WALL

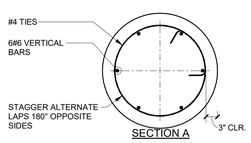


5 TYPICAL TURNED DOWN SLAB



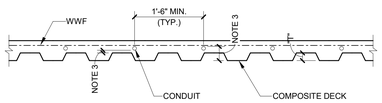
2 TYPICAL SECTION AT PEDESTRIAN BRIDGE





NOTE:
PIER FOUNDATION IS DESIGNED FOR LOADING FROM A 8" MAX. ROUND, 20' TALL POLE, WITH A TOTAL LUMINAIRE EPA OF 1.5 SQ. FT. NOTIFY STRUCTURAL ENGINEER IF ANY OF THE ABOVE PARAMETERS ARE EXCEEDED

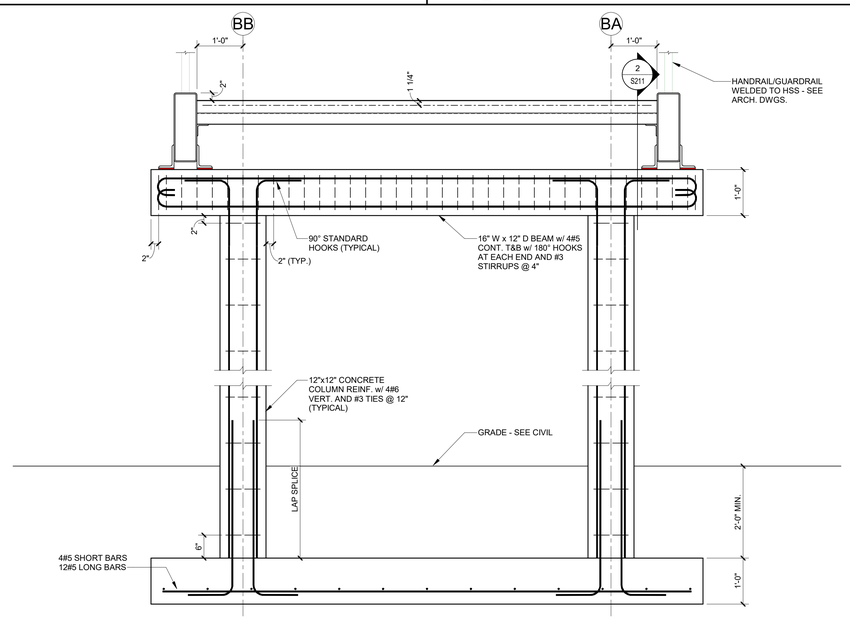
9 SITE LIGHT POLE FOUNDATION SECTION



NOTES:

1. OUTSIDE DIA. OF CONDUIT SHALL NOT EXCEED 1" NOR 1/3 "T".
2. CROSSOVERS OF CONDUIT ARE NOT PERMITTED.
3. MAINTAIN 3/4" MINIMUM CLEAR COVER TOP AND BOTTOM. DO NOT PLACE CONDUIT WITHIN DECK FLUTES.
4. CONDUITS GROUPED TOGETHER NEAR JUNCTION BOXES SHALL BE REINFORCED AS SLAB OPENINGS.
5. DO NOT PLACE CONDUIT WITHIN 3" CLEAR OF COMPOSITE BEAM SHEAR STUDS.

8 TYPICAL CONDUIT IN COMPOSITE SLAB DETAIL



1 TYPICAL SECTION AT PEDESTRIAN BRIDGE

Devenney GROUP

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STATE OF MISSOURI
MICHAEL E. COLLINS
NUMBER
PE-2011027444
PROFESSIONAL ENGINEER
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PEDESTRIAN BRIDGE STRUCTURAL SECTIONS AND DETAILS

S211

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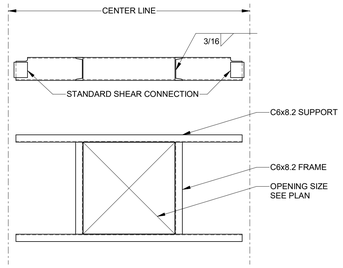
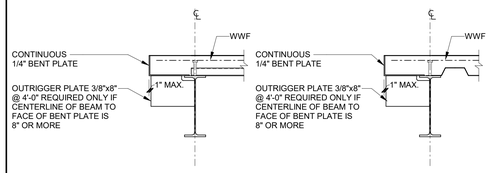
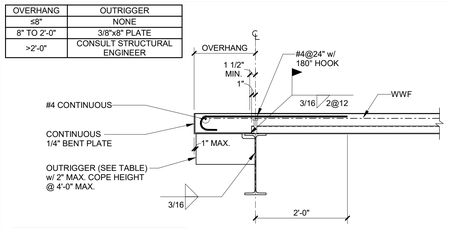


14 TYPICAL FLOOR OPENING FRAME



11 TYPICAL SECTION AT SLAB OPENING

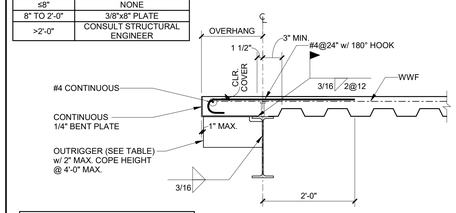
OVERHANG	OUTRIGGER
≤8"	NONE
8" TO 2'-0"	3/8"x8" PLATE
>2'-0"	CONSULT STRUCTURAL ENGINEER



NOTE:
COORDINATE ADDITIONAL REQUIREMENTS FOR FACADE ATTACHMENT WITH OTHER DETAILS.

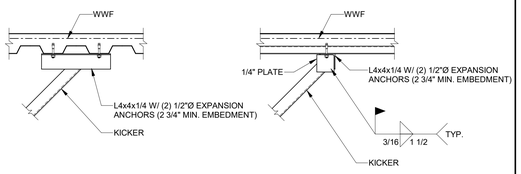
8 TYPICAL EXTERIOR BEAM DETAIL

OVERHANG	OUTRIGGER
≤8"	NONE
8" TO 2'-0"	3/8"x8" PLATE
>2'-0"	CONSULT STRUCTURAL ENGINEER



NOTE:
COORDINATE ADDITIONAL REQUIREMENTS FOR FACADE ATTACHMENT WITH OTHER DETAILS.

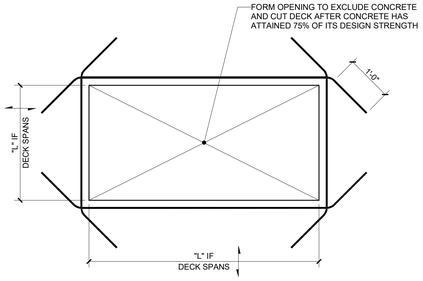
3 TYPICAL EXTERIOR GIRDER DETAIL



13 TYPICAL KICKER ANCHORAGE DETAIL

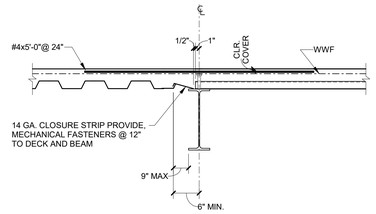
FLOOR OPENING SCHEDULE	
"L"	REINFORCEMENT
TO 10"	NO ADDITIONAL REINFORCING REQUIRED
10" TO 16"	1#4
16" TO 24"	1#5
24" TO 30"	2#5
OVER 30"	REQUIRES STRUCTURAL STEEL FRAME

"L" IS MEASURED AT RIGHT ANGLE TO FLOOR DECK SPAN.

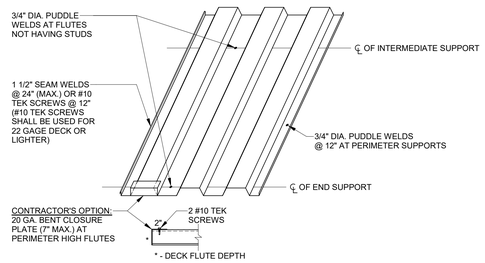


NOTE:
FOR MULTIPLE OPENINGS, SPACE OPENINGS A MINIMUM OF "L" APART OR CONSULT ENGINEER.

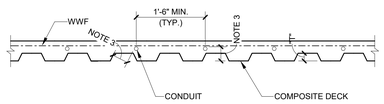
10 TYPICAL FLOOR OPENING REINFORCING DETAIL



7 TYPICAL CLOSURE DETAIL



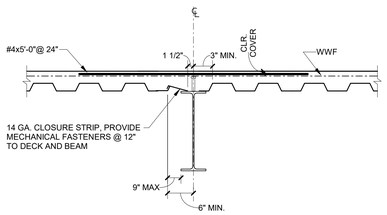
2 TYPICAL COMPOSITE DECK ATTACHMENT



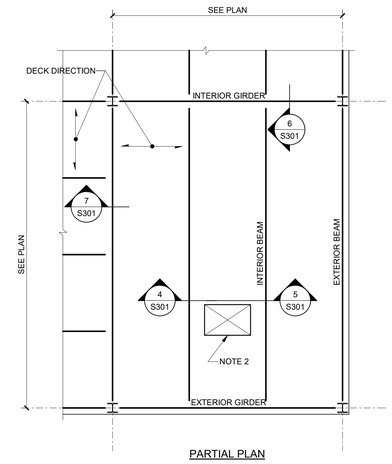
NOTES:

1. OUTSIDE DIA. OF CONDUIT SHALL NOT EXCEED 1" NOR 1/3 "T".
2. CROSSOVERS OF CONDUIT ARE NOT PERMITTED.
3. MAINTAIN 3/4" MINIMUM CLEAR COVER TOP AND BOTTOM. DO NOT PLACE CONDUIT WITHIN DECK FLUTES.
4. CONDUITS GROUPED TOGETHER NEAR JUNCTION BOXES SHALL BE REINFORCED AS SLAB OPENINGS.
5. DO NOT PLACE CONDUIT WITHIN 3" CLEAR OF COMPOSITE BEAM SHEAR STUDS.

12 TYPICAL CONDUIT IN COMPOSITE SLAB DETAIL



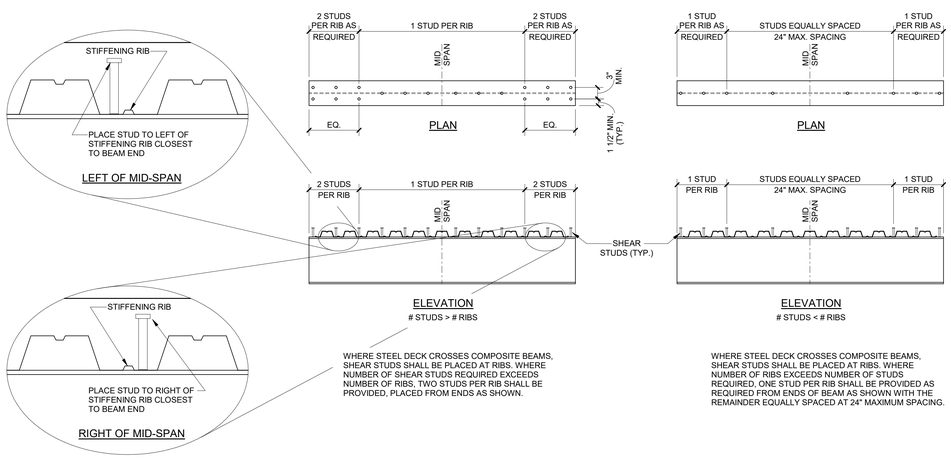
6 TYPICAL CLOSURE DETAIL



PARTIAL PLAN

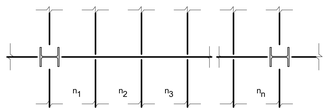
NOTES:

1. FOR TYPICAL DECK ATTACHMENT, SEE DETAIL 2/S301
2. FOR TYPICAL DETAILS AT UN-FRAMED AND FRAMED OPENINGS, SEE DETAILS 10/S301 & 11/S301
3. FOR STUD SPACING/PLACEMENT, SEE DETAIL



WHERE STEEL DECK CROSSES COMPOSITE BEAMS, SHEAR STUDS SHALL BE PLACED AT RIBS. WHERE NUMBER OF SHEAR STUDS REQUIRED EXCEEDS NUMBER OF RIBS, TWO STUDS PER RIB SHALL BE PROVIDED, PLACED FROM ENDS AS SHOWN.

WHERE STEEL DECK CROSSES COMPOSITE BEAMS, SHEAR STUDS SHALL BE PLACED AT RIBS. WHERE NUMBER OF RIBS EXCEEDS NUMBER OF STUDS REQUIRED, ONE STUD PER RIB SHALL BE PROVIDED AS REQUIRED FROM ENDS OF BEAM AS SHOWN WITH THE REMAINDER EQUALLY SPACED AT 24" MAXIMUM SPACING.

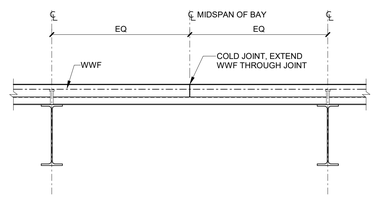


SEGMENTED STUD SPACING

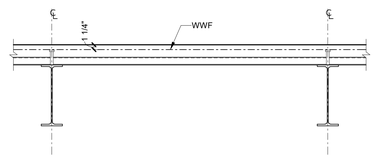
NOTES:

1. (X) ON FRAMING PLANS INDICATES TOTAL NUMBER OF SHEAR CONNECTORS TO BE INSTALLED ON BEAM.
2. SEE SPECIFICATIONS FOR MINIMUM TRANSVERSE AND LONGITUDINAL STUD SPACING.
3. PROVIDE STUDS AT 1'-0" IF NO STUDS ARE INDICATED FOR BEAMS OR GIRDERS SUPPORTING COMPOSITE DECK.
4. WHERE MULTIPLE BEAMS FRAME INTO A GIRDER, A SEGMENTED SPACING OF SHEAR STUDS MAY BE USED AND NOTED ON PLAN AS (n1, n2, n3, ...).
5. STUDS SHALL NOT BE SPACED CLOSER THAN 4-1/2" ALONG THE LENGTH OF THE BEAM OR GIRDER.

9 TYP. BEAM STUD SPACING/PLACEMENT DETAIL

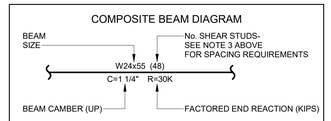


5 TYPICAL SECTION THROUGH COMPOSITE SLAB AT CONSTRUCTION JOINT



4 TYPICAL SECTION THROUGH COMPOSITE SLAB

COMPOSITE BEAM DIAGRAM



IF NO REACTION IS SHOWN:

A. FOR BEAMS W10 AND SMALLER, PROVIDE CONNECTION w/10K MIN. SHEAR CAPACITY.
B. FOR BEAMS W12 AND LARGER, CONTACT THE STRUCTURAL ENGINEER OF RECORD.

1 TYPICAL COMPOSITE FLOOR CONSTRUCTION

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MED SURG & DIETARY EXPANSION

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2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

TYPICAL COMPOSITE STEEL FRAMING SECTIONS AND DETAILS

S301

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

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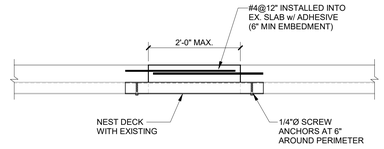
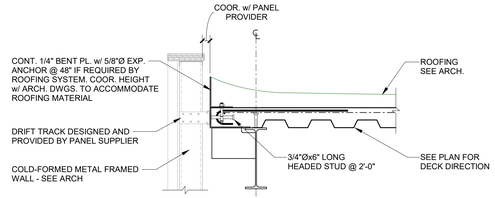
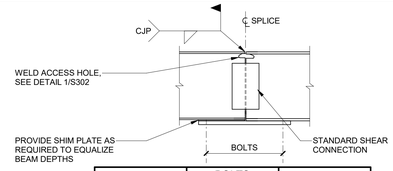


8 TYPICAL SECTION AT EX. SLAB OPENING INFILL



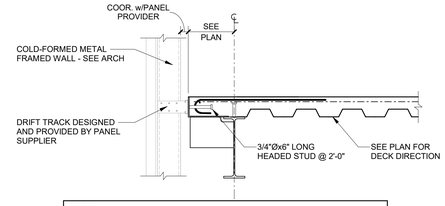
NOTES:
1. SEE 3/S301 AND 8/S301 FOR INFORMATION NOT SHOWN.
2. WALL FRAMING AND ITS CONNECTION TO THE STRUCTURE TO BE DESIGNED BY THE SUPPLIER.
3. COORDINATE BENT PLATE ERECTION TOLERANCES WITH WALL PANEL SUPPLIER.

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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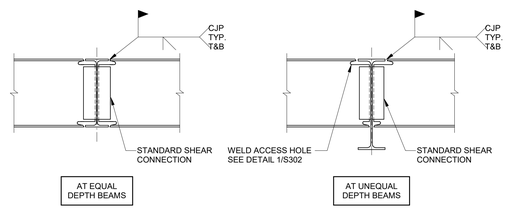
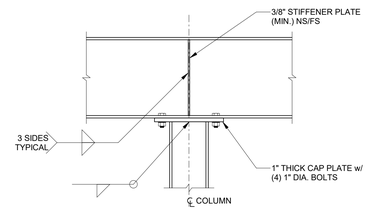
3. COORDINATE BENT PLATE ERECTION TOLERANCES WITH WALL PANEL SUPPLIER.

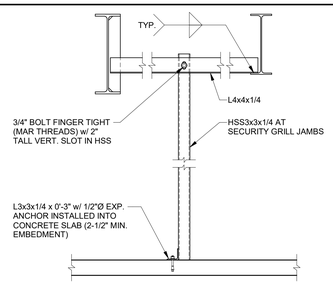
3 TYPICAL DETAIL AT PRE-FAB CFMF WALL PANEL



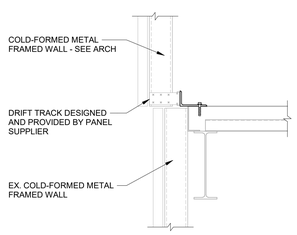
6 TYPICAL MOMENT CONNECTION DETAILS



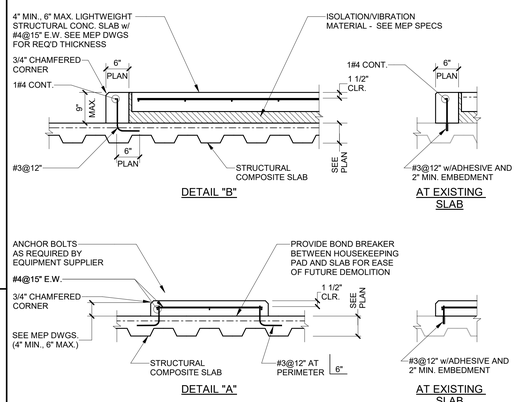
2 TYPICAL BEAM TO COLUMN CONNECTION CONTINUOUS/CANTILEVERED BEAMS



10 SECTION AT SECURITY GRILL FRAME



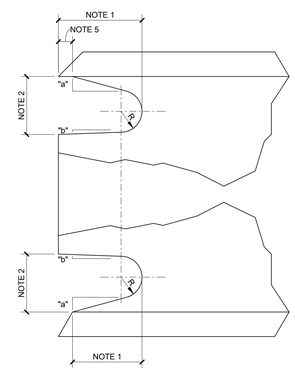
9 SECTION AT 3RD FLOOR



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

Devenney GROUP

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615 320 1735
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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	3/4" = 1'-0"
DRAWN:	JL
REVIEWED:	JDP
JOB NUMBER:	6406.24

TYPICAL STEEL FRAMING SECTIONS AND DETAILS

S302

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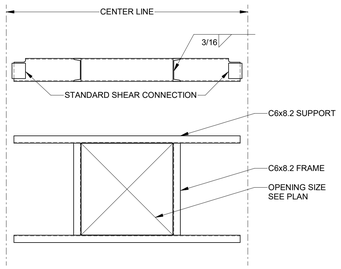
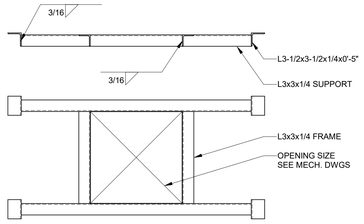
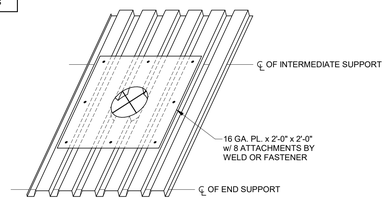


5 TYPICAL ROOF OPENING FRAME

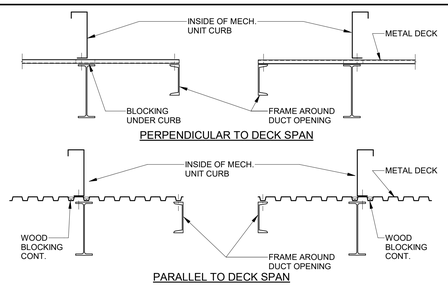


4 TYPICAL ROOF OPENING FRAME

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



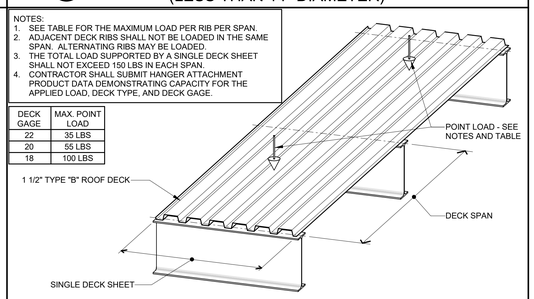
3 TYPICAL ROOF DECK OPENING (LESS THAN 14" DIAMETER)



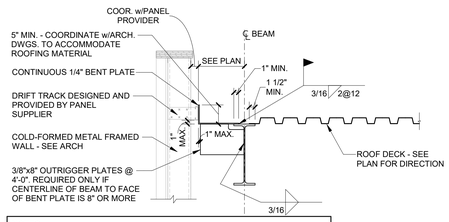
7 MECHANICAL UNIT CURB MOUNTING DETAIL

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

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



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



NOTES:
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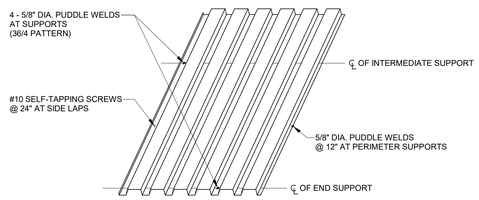
2. COORDINATE BENT PLATE ERECTION TOLERANCES WITH WALL PANEL SUPPLIER.

6 TYPICAL SECTION AT ROOF



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

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TYPICAL STEEL ROOF FRAMING SECTIONS AND DETAILS

S303

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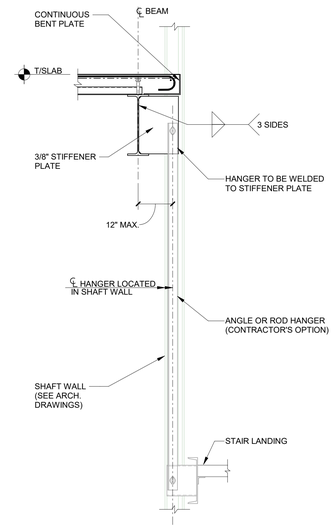
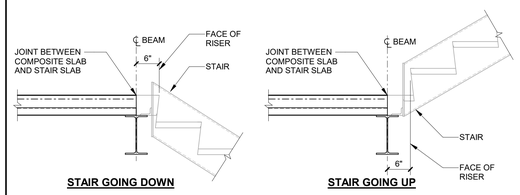


NOTE:
SEE ARCH. DRAWINGS FOR STAIR AND STRINGER DETAILS AND REQUIREMENTS. THE DESIGN OF ALL STAIR COMPONENTS, INCLUDING THE CONNECTION TO THE STRUCTURE, ARE A DEFERRED SUBMITTAL. REFERENCE THE STRUCTURAL NOTES FOR DEFERRED SUBMITTAL STRUCTURAL REQUIREMENTS. NOTIFY STRUCTURAL ENGINEER IF THE ULTIMATE LOAD (LRFD) IN THE HANGERS EXCEED 10 KIPS.

2 TYPICAL SECTION AT STAIR HANGER



STAIR GOING DOWN

STAIR GOING UP

NOTE:
SEE ARCH. DRAWINGS FOR STAIR AND STRINGER DETAILS AND REQUIREMENTS. THE DESIGN OF ALL STAIR COMPONENTS, INCLUDING THE CONNECTION TO THE STRUCTURE, ARE A DEFERRED SUBMITTAL. REFERENCE THE STRUCTURAL NOTES FOR DEFERRED SUBMITTAL STRUCTURAL REQUIREMENTS.

1 TYP. STAIR STRINGER TO BEAM CONNECTION

Devenney GROUP

Devenney Group Ltd., Architects

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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

DATE:	2024/12/05
SCALE:	3/4" = 1'-0"
DRAWN:	JL
REVIEWED:	JDP
JOB NUMBER:	6406.24

TYPICAL VERTICAL TRANSPORTATION SYSTEMS SECTIONS AND DETAILS

S401

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

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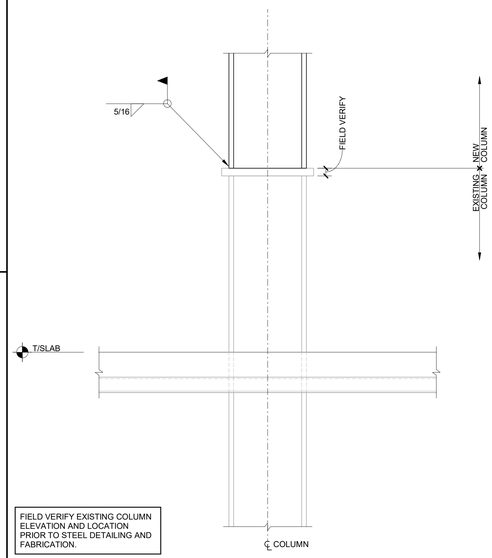


FIELD VERIFY EXISTING COLUMN ELEVATION AND LOCATION PRIOR TO STEEL DETAILING AND FABRICATION.

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

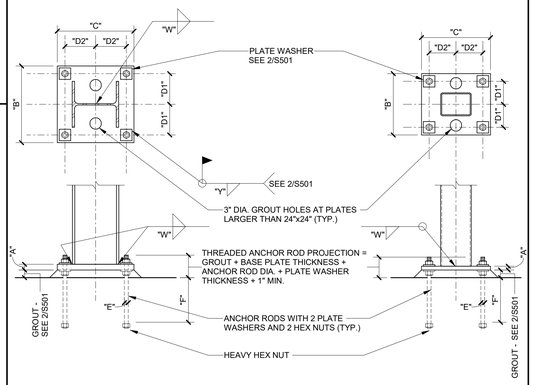
NOTES:

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

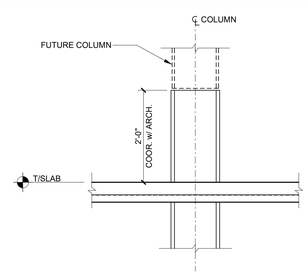
2 PLATE WASHER & GROUT THICKNESS SCHEDULE

BASE PLATE & ANCHOR ROD 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"	1"	4	5/16"



1 BASE PLATE AND ANCHOR ROD SCHEDULE



4 TYPICAL FUTURE COLUMN CONNECTION (GRAVITY COLUMNS)

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COLUMN SECTIONS AND DETAILS

S501

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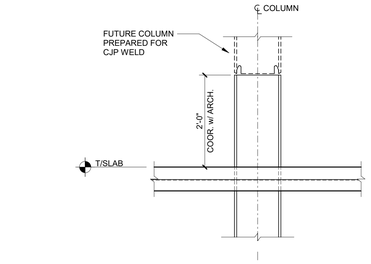
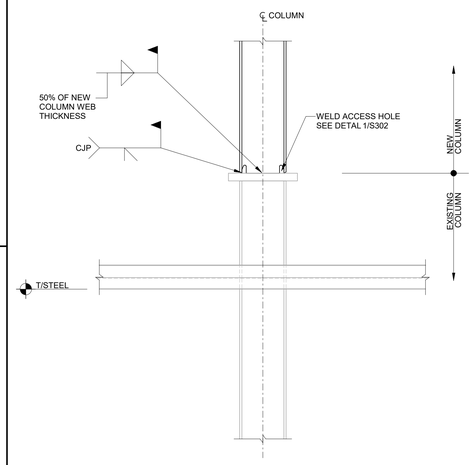
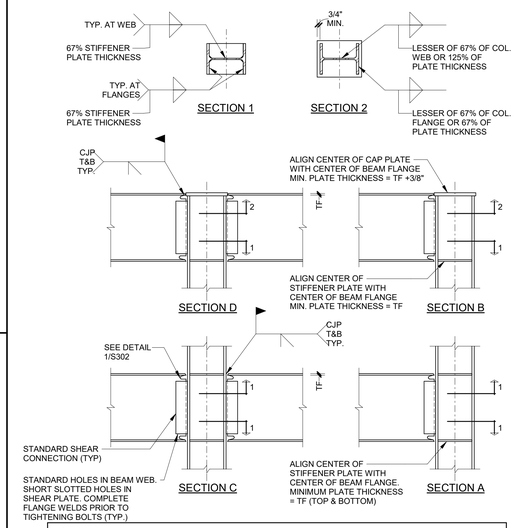


3 TYPICAL FUTURE COLUMN CONNECTION (FRAME COLUMNS)



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

2 TYPICAL NEW TO EXISTING COLUMN CONNECTION (FRAME COLUMNS)



NOTES:

1. SHEAR PLATE, SIZE AND NUMBER OF BOLTS, AND WELDS TO BE DESIGNED FOR FACTORED REACTIONS SHOWN ON STRUCTURAL DRAWINGS.
2. TF = BEAM FLANGE THICKNESS.
3. CAP PLATE AND STIFFENER PLATE STEEL GRADE SHALL MATCH THE BEAM STEEL GRADE. ALTERNATE: WHERE THE PLATE IS 1.4 TIMES THICKER THAN THE BEAM FLANGE, THE PLATE STEEL GRADE MAY BE A36.
4. SEE SPECIFICATIONS FOR WELD METAL REQUIREMENTS.

1 TYPICAL STRONG AXIS MOMENT CONNECTIONS

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Project No. 24051.00

STATE OF MISSOURI
MICHAEL E. COFFIN
NUMBER
PE-2011027444
PROFESSIONAL ENGINEER
12-5-24

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MOMENT FRAME SECTIONS AND DETAILS

S601

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FIRE-RESISTANCE RATING FOR EXTERIOR WALLS PER 2018 IBC, TABLE 602:

DIETARY EXPANSION AT EXISTING HOSPITAL MOB:
- OCCUPANCY TYPE = B
- CONSTRUCTION TYPE = IB
- DISTANCE FROM EXTERIOR FACE OF DIETARY EXPANSION TO IMAGINARY LOT LINE = 4'-10 1/2", THEREFORE REQUIRING 1-HR EXTERIOR WALL RATINGS AT PERIMETER OF NEW DIETARY EXPANSION

EXISTING DETACHED MOB:
- OCCUPANCY TYPE = B
- CONSTRUCTION TYPE = IIB
- DISTANCE FROM EXTERIOR FACE OF EXISTING DETACHED MOB TO IMAGINARY LOT LINE = 10'-0", THEREFORE NO RATING AT EXTERIOR WALLS IS REQUIRED

MAXIMUM AREA OF EXTERIOR WALL OPENINGS PER 2018 IBC, TABLE 705.8:

DIETARY EXPANSION AT EXISTING HOSPITAL MOB:
- 3 FT. TO LESS THAN 5 FT FROM IMAGINARY LOT LINE
- OPENINGS ARE UNPROTECTED, SPRINKLERED = 15% ALLOWABLE OPENINGS
- WALL AREA FROM FLOOR TO FLOOR AT DIETARY EXPANSION = 1,136 SF
- OPENINGS AT DIETARY EXPANSION = 170 SF

= 14.96% OPENINGS

EXISTING DETACHED MOB:
- 10 FT. TO LESS THAN 15 FT FROM IMAGINARY LOT LINE
- OPENINGS ARE UNPROTECTED, SPRINKLERED = 45% ALLOWABLE OPENINGS
- WALL AREA FROM FLOOR TO FLOOR AT EXISTING DETACHED MOB = 768 SF
- EXISTING OPENINGS AT EXISTING DETACHED MOB = 204 SF

= 26.56% OPENINGS

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

ROOM OCCUPANCY - LEVEL 1

NUMBER	NAME	AREA	OCC ID	LOAD FACTOR	OCC LOAD
1-1300	DINING EXPANSION	476 SF	AT	15 SF	32
1-1300	DINING	1,038 SF	AT	15 SF	70
1-1300A	CONDIMENT	23 SF	K	200 SF	1
1-1301	SERVERY EXPANSION	186 SF	K	200 SF	1
1-1301	SERVERY	383 SF	K	200 SF	2
1-1301A	SALAD/SOUP	159 SF	K	200 SF	1
1-1301B	BEVERAGE	97 SF	K	200 SF	1
1-1301C	ENTREE	186 SF	K	200 SF	1
1-1301D	EXPO	165 SF	K	200 SF	1
1-1301E	CASHIER 1	17 SF	K	200 SF	1
1-1301F	CASHIER 2	11 SF	K	200 SF	1
1-1302	MICRO MARKET	89 SF	K	200 SF	1
1-1304	DIRECTOR OFFICE	64 SF	B	150 SF	1
1-1305	OFFICE	77 SF	B	150 SF	1
1-1306	KITCHEN	163 SF	K	200 SF	1
1-1306	KITCHEN	316 SF	K	200 SF	2
1-1306A	TRAY MAKE-UP	296 SF	K	200 SF	2
1-1306B	COOK	157 SF	K	200 SF	1
1-1306C	PREP	157 SF	K	200 SF	1
1-1306D	BAKE	186 SF	K	200 SF	1
1-1306E	SINK	36 SF	K	200 SF	1
1-1307	COOLER	211 SF	S	300 SF	1
1-1307	COOLER	99 SF	S	300 SF	1
1-1308	FREEZER	212 SF	S	300 SF	1
1-1309	DRY STORAGE	336 SF	S	300 SF	2
1-1310	NON-FOOD STORAGE	133 SF	S	300 SF	1
1-1311	CALL CENTER	97 SF	B	150 SF	1
1-1312	WAREWASH	389 SF	K	200 SF	2
1-1312A	LOCKERS	14 SF	L	50 SF	1
1-1313	EVS	65 SF	S	300 SF	1
					135

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

EXIT DOOR SCHEDULE

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

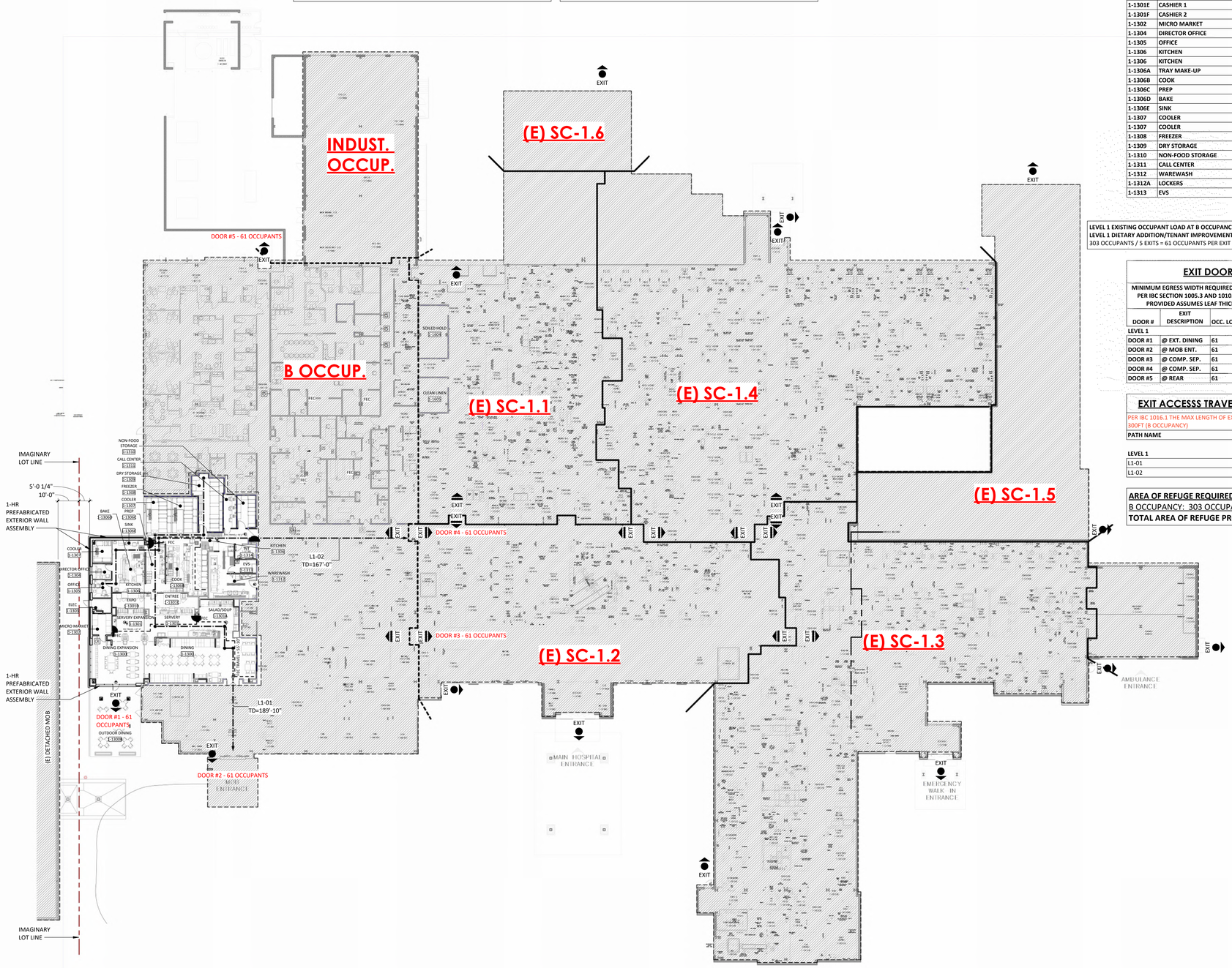
DOOR #	EXIT DESCRIPTION	OCC. LOAD	WIDTH REQUIRED	WIDTH PROVIDED
LEVEL 1				
DOOR #1	@ EXT. DINING	61	31 3/4"	36"
DOOR #2	@ MOB ENT.	61	31 3/4"	60"
DOOR #3	@ COMP. SEP.	61	31 3/4"	88"
DOOR #4	@ COMP. SEP.	61	31 3/4"	88"
DOOR #5	@ REAR	61	31 3/4"	36"

EXIT ACCESSS TRAVEL DISTANCE - LEVEL 1

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

PATH NAME	DISTANCE
LEVEL 1	
L1-01	189'-10"
L1-02	167'-0"

AREA OF REFUGE REQUIRED SUMMARY:
B OCCUPANCY: 303 OCCUPANTS X 3 SF = 909 SF REQ'D
TOTAL AREA OF REFUGE PROVIDED: 2,344 SF



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

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)
- INDICATES 2-HR SEPARATION BETWEEN OCCUPANCIES
- FEC — FIRE EXTINGUISHER CABINET. PROVIDE FIRE EXTINGUISHERS THROUGHOUT THE PROJECT SO THAT OCCUPANTS ARE WITHIN A 75'-0" TRAVEL DISTANCE. REFER TO IFC TABLE 906.3(1)
- FE — SURFACE MOUNTED FIRE EXTINGUISHER
- ILLUMINATED EXIT SIGN

MEANS OF EGRESS GENERAL NOTES

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

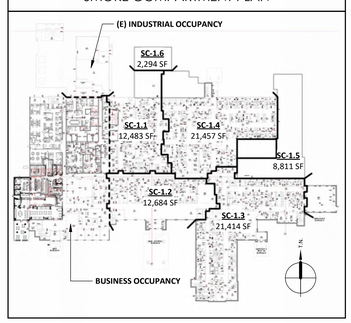
COMPONENT	MINIMUM CLEAR WIDTH
DOORS:	
MEANS OF EGRESS	32 INCHES
MEANS OF EGRESS IN I-2 OCCUPANCY USED FOR MOVEMENT OF BEDS	41 1/2 INCHES
STAIRWAYS:	
GENERAL	44 INCHES
AISLES:	36 INCHES
CORRIDORS, RAMPS, AND EXIT PASSAGEWAYS:	
50 OCCUPANTS OR GREATER	44 INCHES
LESS THAN 50 OCCUPANTS	36 INCHES
WHERE REQUIRED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

PARTITION LEGEND

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

LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

SMOKE COMPARTMENT PLAN



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DUDLEY G. CAMPBELL
NUMBER A-2021002749

DATE SIGNED: 12.05.24

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LIFE SAFETY FLOOR PLAN – LEVEL 1

AC101

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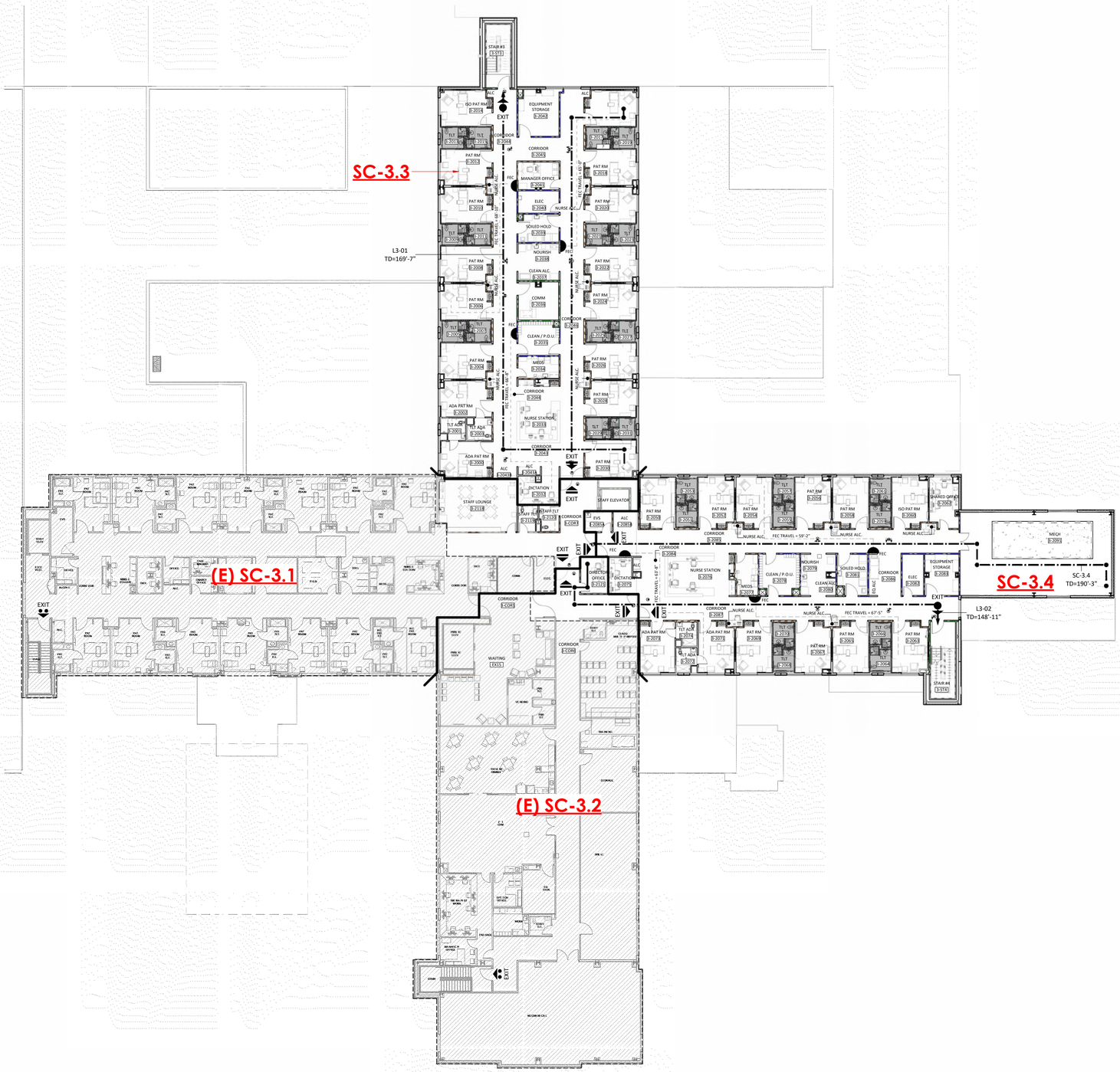


1 LIFE SAFETY FLOOR PLAN - LEVEL 3
1/16" = 1'-0"

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	209 SF	IS	120 SF	2
3-2001	TLT ADA	59 SF	IS	120 SF	1
3-2002	ADA PAT RM	205 SF	IS	120 SF	2
3-2003	TLT ADA	59 SF	IS	120 SF	1
3-2004	PAT RM	204 SF	IS	120 SF	2
3-2005	TLT	55 SF	IS	120 SF	1
3-2006	PAT RM	203 SF	IS	120 SF	2
3-2007	TLT	58 SF	IS	120 SF	1
3-2008	PAT RM	205 SF	IS	120 SF	2
3-2009	TLT	57 SF	IS	120 SF	1
3-2010	PAT RM	203 SF	IS	120 SF	2
3-2011	TLT	57 SF	IS	120 SF	1
3-2012	PAT RM	204 SF	IS	120 SF	2
3-2013	TLT	55 SF	IS	120 SF	1
3-2014	ISO PAT RM	205 SF	IS	120 SF	2
3-2015	TLT	58 SF	IS	120 SF	1
3-2016	PAT RM	205 SF	IS	120 SF	2
3-2017	TLT	58 SF	IS	120 SF	1
3-2018	PAT RM	204 SF	IS	120 SF	2
3-2019	TLT	55 SF	IS	120 SF	1
3-2020	PAT RM	203 SF	IS	120 SF	2
3-2021	TLT	58 SF	IS	120 SF	1
3-2022	PAT RM	204 SF	IS	120 SF	2
3-2023	TLT	55 SF	IS	120 SF	1
3-2024	PAT RM	203 SF	IS	120 SF	2
3-2025	TLT	58 SF	IS	120 SF	1
3-2026	PAT RM	204 SF	IS	120 SF	2
3-2027	TLT	55 SF	IS	120 SF	1
3-2028	PAT RM	203 SF	IS	120 SF	2
3-2029	TLT	57 SF	IS	120 SF	1
3-2030	PAT RM	218 SF	IS	120 SF	2
3-2031	TLT	55 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	217 SF	S	300 SF	1
3-2043	CORRIDOR	297 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	963 SF	IS	120 SF	9
3-2046A	ALC	6 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	206 SF	IS	120 SF	2
3-2051	TLT	54 SF	IS	120 SF	1
3-2052	PAT RM	203 SF	IS	120 SF	2
3-2053	TLT	51 SF	IS	120 SF	1
3-2054	PAT RM	206 SF	IS	120 SF	2
3-2055	TLT	54 SF	IS	120 SF	1
3-2056	PAT RM	202 SF	IS	120 SF	2
3-2057	TLT	51 SF	IS	120 SF	1
3-2058	PAT RM	206 SF	IS	120 SF	2
3-2059	TLT	54 SF	IS	120 SF	1
3-2060	ISO PAT RM	203 SF	IS	120 SF	2
3-2061	TLT	51 SF	IS	120 SF	1
3-2062	SHARED OFFICE	161 SF	B	150 SF	2
3-2063	PAT RM	201 SF	IS	120 SF	2
3-2064	TLT	55 SF	IS	120 SF	1
3-2065	PAT RM	206 SF	IS	120 SF	2
3-2066	TLT	58 SF	IS	220 SF	1
3-2067	PAT RM	203 SF	IS	120 SF	2
3-2068	TLT	55 SF	IS	120 SF	1
3-2069	PAT RM	207 SF	IS	120 SF	2
3-2070	TLT	58 SF	IS	120 SF	1
3-2071	ADA PAT RM	203 SF	IS	120 SF	2
3-2072	TLT ADA	56 SF	IS	120 SF	1
3-2073	ADA PAT RM	205 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	157 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	1,006 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	1,461 SF	S	300 SF	5
3-ST3	STAIR #3	184 SF	IS	120 SF	2
3-ST4	STAIR #4	223 SF	IS	120 SF	2
					179

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
- EXIT — EXIT ACCESS DOORWAY
- EXIT — 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

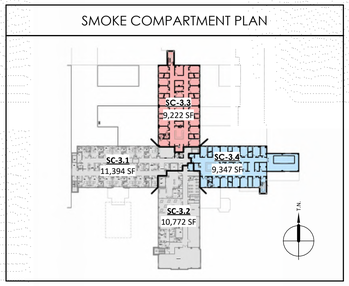
DOOR #	EXIT DESCRIPTION	OCC. LOAD	WIDTH REQUIRED	WIDTH PROVIDED
LEVEL 3				
3-ST3	STAIR	90	41 1/2"	46"
3-ST4	STAIR	90	41 1/2"	46"

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	190'-3"

SMOKE COMPARTMENT PLAN



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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002749

DATE SIGNED: 12.05.24

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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

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

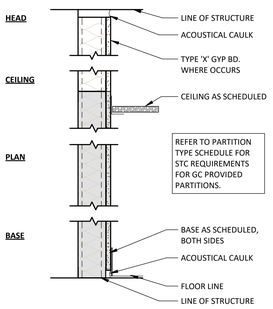
LIFE SAFETY FLOOR PLAN – LEVEL 3

AC103

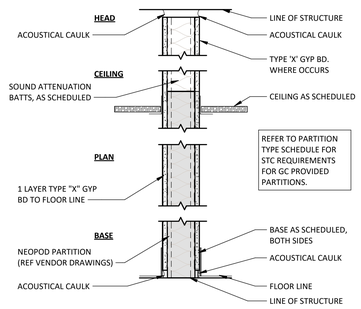
Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt
12/16/2024 7:30:03 AM

SUMMARY OF REQUIRED FIRE PROTECTION ASSEMBLIES

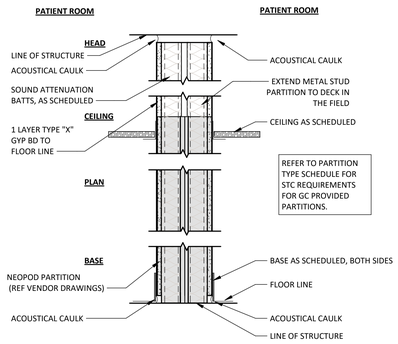
CATEGORY	FUNCTION	DESCRIPTION	REQUIRED RATING	TYPE OF PROTECTION	BASIS OF DESIGN PRODUCT	LISTED DETAIL	NOTES
PRIMARY STRUCTURAL FRAME	INTERIOR FRAMING	STEEL COLUMN BEAM / GIRDER SUPPORTS	**2-HOUR**	GYPSUM BASED SPRAY-APPLIED FIRE RESISTIVE MATERIAL	CAFCO 300	**UL DESIGN X790**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	4TH FLOOR DECK FRAMING	STEEL GIRDERS / BEAMS / JOISTS SUPPORTING STEEL FLOOR DECKING	**2-HOUR**	GYPSUM BASED SPRAY-APPLIED FIRE RESISTIVE MATERIAL	CAFCO 300	**UL DESIGN D982**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	ROOF DECK FRAMING	STEEL GIRDERS / BEAMS / JOISTS SUPPORTING STEEL ROOF DECKING	**1-HOUR**	GYPSUM BASED SPRAY-APPLIED FIRE RESISTIVE MATERIAL	CAFCO 300	**UL DESIGN P723**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
FLOOR & ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS	4TH FLOOR DECK	COMPOSITE FLUTED STEEL & CONCRETE FLOOR DECK	**2-HOUR**	MATERIAL ASSEMBLY EQUIVALENCY / INHERENT RATING	N/A	**UL DESIGN D982**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	ROOF DECK	LIGHTWEIGHT INSULATION CONCRETE OVER FLUTED STEEL ROOF DECKING	**1-HOUR**	GYPSUM BASED SPRAY-APPLIED FIRE RESISTIVE MATERIAL	VARIES - SEE UL DETAIL	**UL DESIGN P921**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
PARTITIONS	SEPARATION OF ACCESSORY USE AREAS PER NFPA	RATED PARTITIONS	**1-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U419**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	OCCUPANCY SEPARATION	RATED PARTITIONS	**2-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U419**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	OCCUPANCY SEPARATION	RATED PARTITIONS	**2-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U419**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	STAIR & ELEVATOR SHAFTS	RATED SHAFT WALLS	**2-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U469**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	MECHANICAL SHAFTS	RATED SHAFT WALLS	**2-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U469**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
JOINTS	INTERIOR STUD PARTITION HEAD TERMINATION @ RATED DECK	RATED WALL JOINT	**1-HOUR & 2-HOUR**	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR STUD ASSEMBLIES	US GYPSUM PRODUCTS	**UL DESIGN HW-D-0160**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	INTERIOR SHAFT STUD WALL HEAD / SILL TERMINATION	RATED WALL JOINT	**1-HOUR & 2-HOUR**	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR STUD ASSEMBLIES	US GYPSUM PRODUCTS	**UL DESIGN HW-D-0646**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	PENETRATION OF RATED STUD PARTITIONS BY STRUCTURAL FRAMING MEMBERS	RATED PENETRATION JOINT	**1-HOUR & 2-HOUR**	FIRE RESISTIVE JOINT MATERIALS FOR STUD ASSEMBLIES	VARIES - SEE UL DETAIL	**UL DESIGN HW-D-0218**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	EDGE OF 4TH FLOOR SLAB AT CURTAIN WALLS	RATED SLAB EDGE JOINT	**2-HOUR**	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR DISSIMILAR MATERIALS	VARIES - SEE UL DETAIL	**UL DESIGN CW-D-2042**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	INTERIOR RATED EXPANSION JOINT AT SMOKE BARRIER WALLS	RATED EXPANSION JOINT	**1-HOUR**	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR GYPSUM BOARD	**FIRELINE 520**	**GUARDIAN LISTING: F520-2IM-2/26W**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
PENETRATIONS	RATED PARTITION PENETRATIONS FOR MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS	VARIOUS PENETRATIONS THROUGH RATED PARTITIONS AS REQUIRED	**1-HOUR & 2-HOUR**	FIRE RESISTIVE JOINT MATERIAL / ASSEMBLY	VARIES	**UL DESIGN HW-D-0098 UL DESIGN W-L-1001 UL DESIGN W-L-1146 UL DESIGN W-L-1166 UL DESIGN W-L-3194 UL DESIGN W-L-3195 UL DESIGN W-L-3289 UL DESIGN W-L-4037 UL DESIGN W-L-5168 UL DESIGN W-L-5039 UL DESIGN W-L-5147 UL DESIGN W-L-7019 UL DESIGN W-L-7063**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	RATED DECK PENETRATIONS FOR MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS	VARIOUS PENETRATIONS THROUGH RATED DECKING AS REQUIRED	**1-HOUR**	FIRE RESISTIVE JOINT MATERIAL / ASSEMBLY	VARIES	**UL DESIGN C-AJ-1044 UL DESIGN C-AJ-1429 UL DESIGN C-AJ-5119 UL DESIGN C-AJ-4056 UL DESIGN C-AJ-5156 UL DESIGN C-AJ-5001 UL DESIGN C-AJ-5183 UL DESIGN C-AJ-6041 UL DESIGN C-AJ-5210 UL DESIGN C-AJ-7076 UL DESIGN C-AJ-7081**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION



3 *L SECTION
1 1/2" = 1'-0"

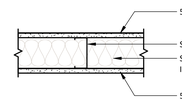


2 *N SECTION
1 1/2" = 1'-0"



1 *P SECTION
1 1/2" = 1'-0"

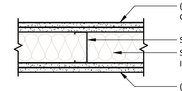
A



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

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

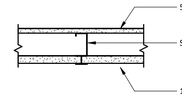
B



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

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

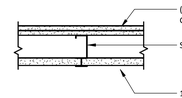
D



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

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

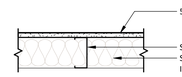
E



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

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

F



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

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

*L

PARTITION TYPE	STUD WIDTH
***L1**	1 5/8"
***L2**	2 1/2"
***L3**	3 5/8"

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

*N

PARTITION TYPE	STUD WIDTH
***N1**	1 5/8"
***N2**	2 1/2"
***N3**	3 5/8"
***N6**	6""

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

*P

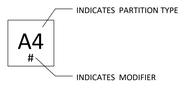
PARTITION TYPE	STUD WIDTH
***P**	6"

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

PARTITIONS GENERAL NOTES

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

PARTITIONS LEGEND



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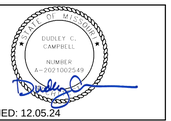
Consultant:



DATE SIGNED: 12.05.24

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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

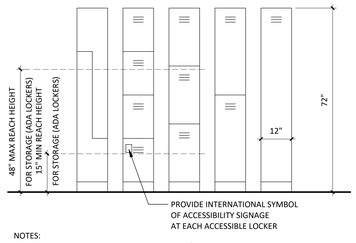
REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1 1/2" = 1'-0"
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

PARTITION TYPES & DETAILS

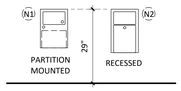
AC501

12/16/2024 7:10:31 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt

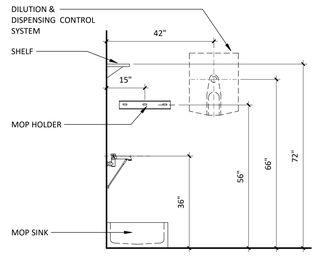


NOTES:
1. 5% OF LOCKERS SHALL BE ADA ACCESSIBLE W/ AT LEAST ONE OF EACH LOCKER TYPE AS ADA ACCESSIBLE.
2. PROVIDE 30"X48" CLEAR FLOOR SPACE FOR EACH ADA LOCKER.
3. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING,PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED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

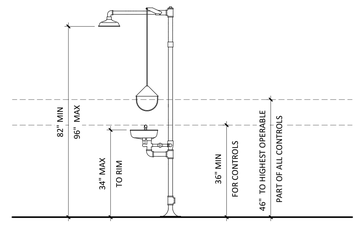
12 TYPICAL LOCKER WITH BASE
1/2" = 1'-0"



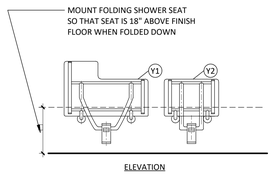
11 TYPICAL SANITARY NAPKIN DISPOSAL
1/2" = 1'-0"



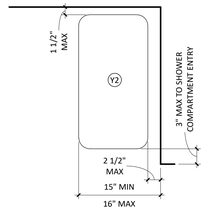
10 TYPICAL MOP SINK/RACK
1/2" = 1'-0"



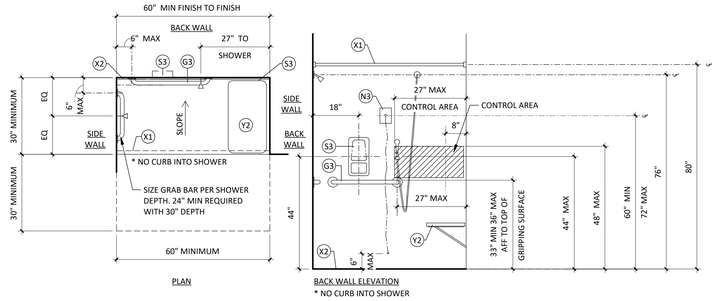
9 EMERGENCY SHOWER WITH EYEWASH
1/2" = 1'-0"



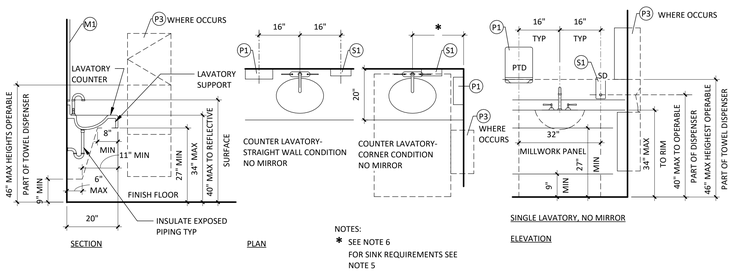
8 TYPICAL FOLDING SHOWER SEAT
1/2" = 1'-0"



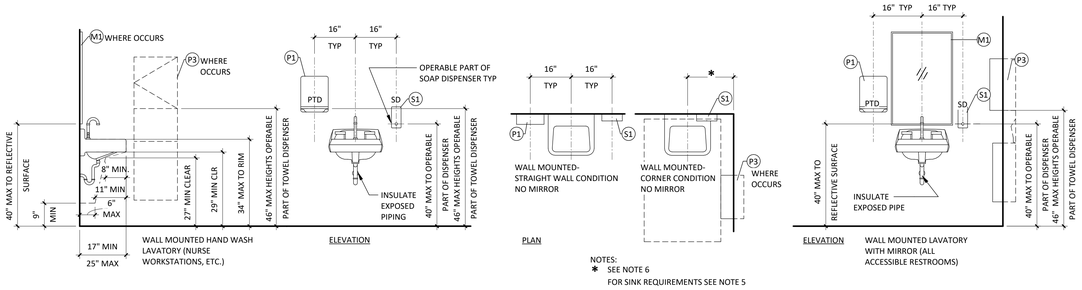
7 RECTANGULAR SHOWER SEAT
1" = 1'-0"



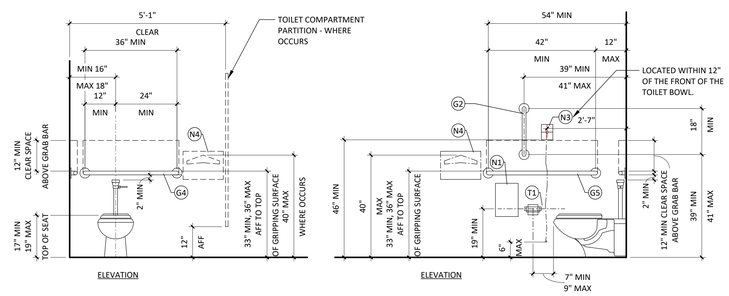
6 TYPICAL ACCESSIBLE ROLL-IN SHOWER
1/2" = 1'-0"



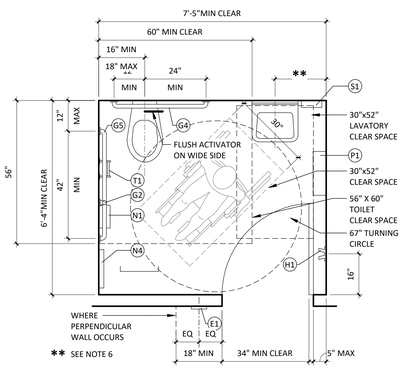
5 TYPICAL COUNTERTOP ACCESSIBLE LAVATORY WITH AND WITHOUT MIRROR
1/2" = 1'-0"



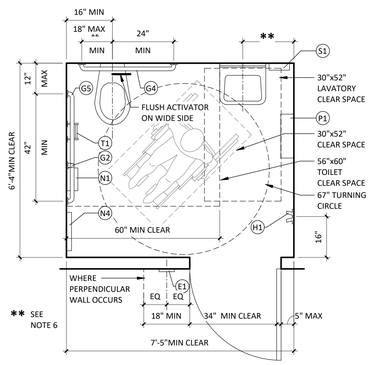
4 TYPICAL WALL MOUNTED LAVATORY
1/2" = 1'-0"



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



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



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

TYPICAL MOUNTING GENERAL NOTES

1. IT IS THE INTENT OF THE DESIGN THAT ALL ITEMS SHOWN MOUNTED AT TYPICAL HEIGHTS BE ACCESSIBLE TO PERSONS WITH DISABILITIES. ITEMS INDICATED AS NON-ACCESSIBLE ARE INTENDED FOR AUTHORIZED STAFF & SHALL BE COORDINATED W/ CLINICAL FUNCTION PER OWNER'S REQUIREMENTS.
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6. 18" MIN WHEN USING [P1] (WASTE RECEPTACLE SHALL NOT ENCROACH ON FIXTURE CLEAR SPACE OR TURNING RADIUS. COORDINATE SIZE WITH OWNER) 20" MIN WHEN USING A [P3] COMBINATION UNIT.

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- X1 SHOWER CURTAIN ROD
- X2 TRENCH DRAIN @TOE OF COVE
- M1 HAND HELD FLEXIBLE SHOWER SPRAY & HOSE 59" LONG MIN.
- T1 SURFACE MOUNTED TOILET PAPER DISPENSER
- S1 SOAP DISPENSER
- S2 RECESSED TOILETRY SHELF
- S3 RECESSED SOAP SHELF
- S4 COUNTER MOUNTED SOAP DISPENSER
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- N4 TOILET SEAT COVER DISPENSER
- N5 BEDPAN WASH
- N1 SURFACE MOUNTED SANITARY NAPKIN DISPOSAL AT FEMALE AND UNISEX TOILET ONLY
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- M6 18"WX24"H SURFACE MOUNTED MIRROR
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- E1 TACTILE ROOM SIGN - WHERE OCCURS

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002749

DATE SIGNED: 12.05.24

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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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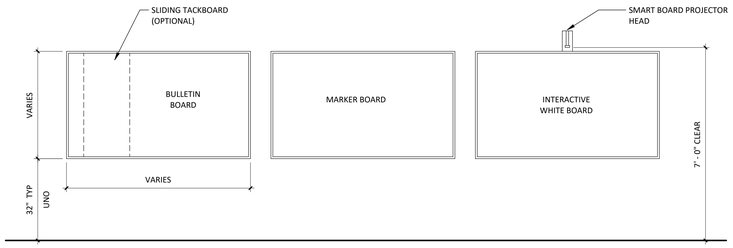
REVIEWED:	
JOB NUMBER:	6406.24

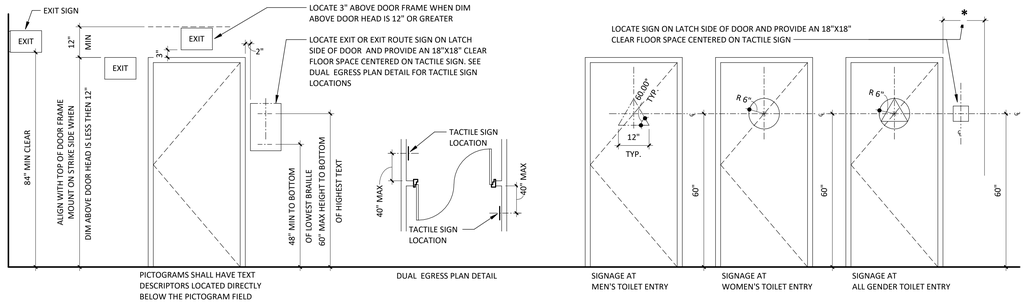
TYPICAL MOUNTING HEIGHTS

AC521

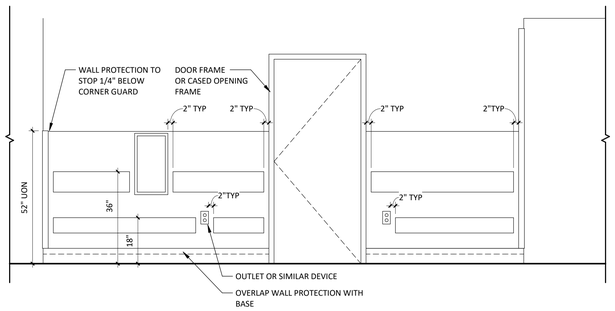
12/16/2024 7:10:33 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



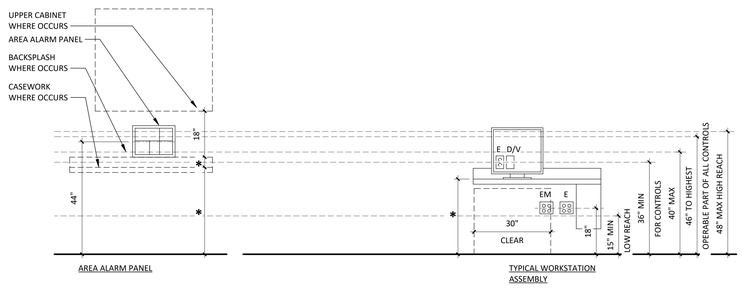
6 TYPICAL WALL MOUNTED BOARDS
1/2" = 1'-0"



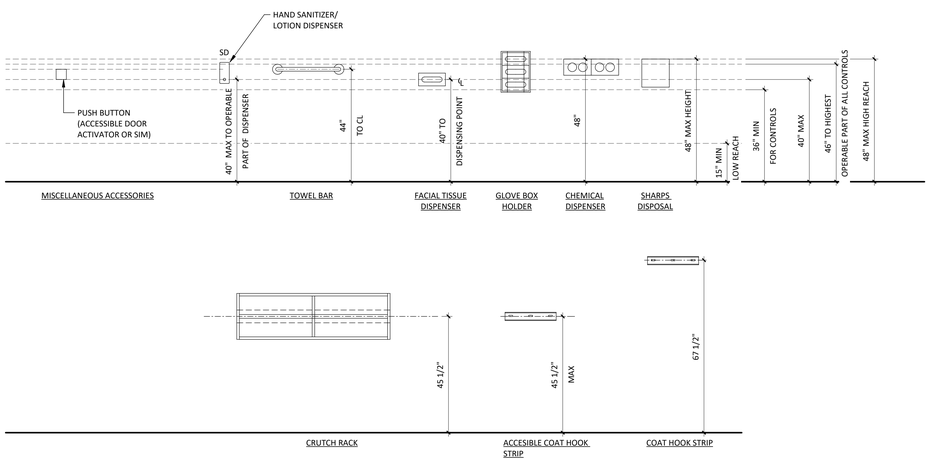
5 TYPICAL SIGNAGE AT DOORS
1/2" = 1'-0"



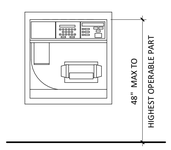
4 TYPICAL WALL PROTECTION
1/2" = 1'-0"



3 TYPICAL FURNITURE MOUNTING
1/2" = 1'-0"



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



2 TYPICAL PNEUMATIC TUBE STATION
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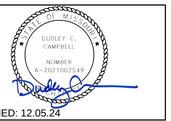

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TYPICAL MOUNTING HEIGHTS

AC522

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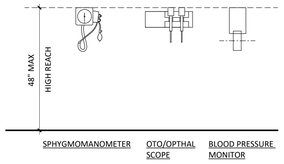
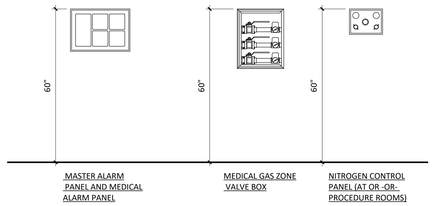
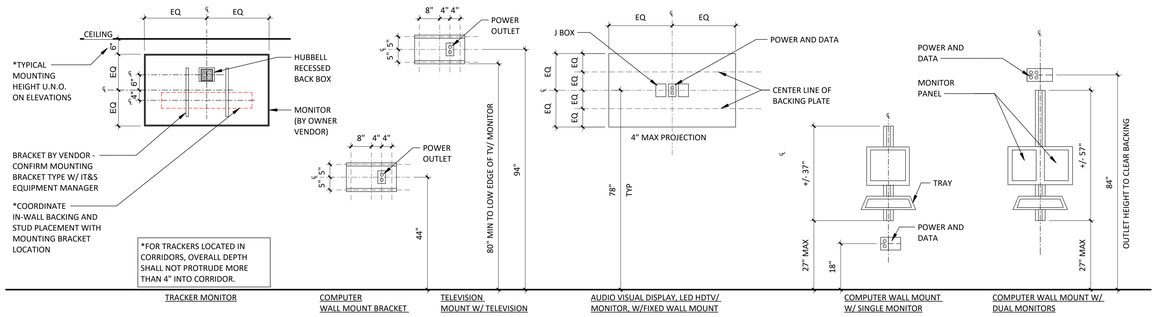


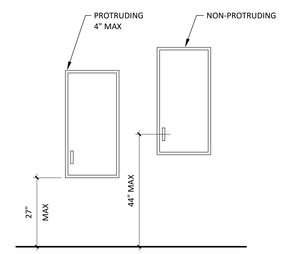
6 TYPICAL HEADWALL ACCESSORIES
1/2" = 1'-0"



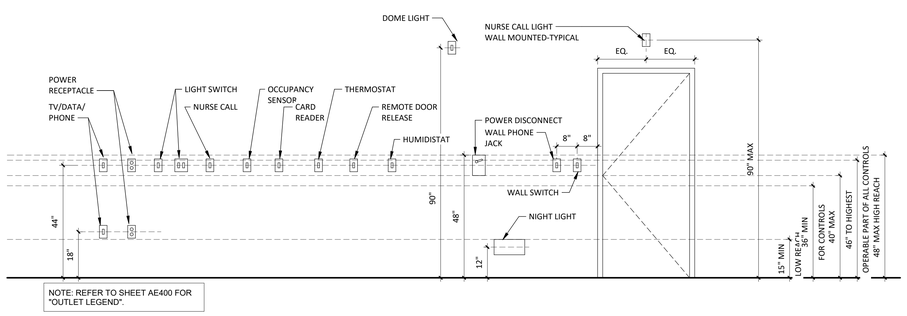
5 TYPICAL MEDICAL GASES AND ACCESSORIES
1/2" = 1'-0"



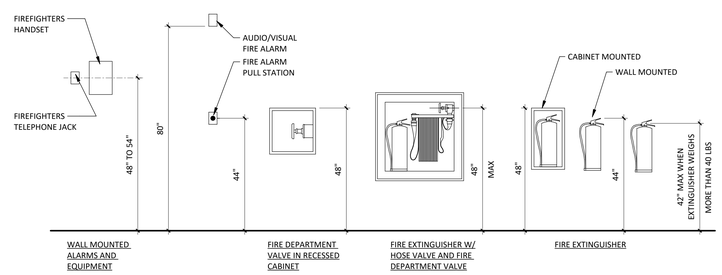
4 TYPICAL WALL MOUNTED ELECTRONIC EQUIPMENT
1/2" = 1'-0"



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



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



1 TYPICAL FIRE EQUIPMENT
1/2" = 1'-0"

TYPICAL MOUNTING GENERAL NOTES

1. IT IS THE INTENT OF THE DESIGN THAT ALL ITEMS SHOWN MOUNTED AT TYPICAL HEIGHTS BE ACCESSIBLE TO PERSONS WITH DISABILITIES. ITEMS INDICATED AS NON-ACCESSIBLE ARE INTENDED FOR AUTHORIZED STAFF & SHALL BE COORDINATED W/ CLINICAL FUNCTION PER OWNER'S REQUIREMENTS.
2. THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE TYPICAL MOUNTING HEIGHTS AND - WHERE APPLICABLE - TYPICAL MINIMUM OR MAXIMUM CLEARANCES AND/OR TYPICAL MOUNTING CONFIGURATIONS WHICH MAY OCCUR AS PART OF THE WORK OF THIS PROJECT. REFER TO THE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND SCHEDULES TO DETERMINE WHICH ITEMS AND CONFIGURATIONS APPLY TO THE WORK OF THIS PROJECT.
3. TYPICAL DIMENSIONS SHOWN ON THIS SHEET TAKE PRECEDENCE OVER TYPICAL DIMENSIONS SHOWN ON THE ELECTRICAL OR MECHANICAL DRAWINGS FOR THE MOUNTING OF ITEMS INSTALLED BY THE ELECTRICAL OR MECHANICAL TRADES. WHERE DISCREPANCIES OCCUR ARCHITECT SHALL BE NOTIFIED IN WRITING.
4. MOUNTING HEIGHTS, DIMENSIONS, CLEARANCES, AND ACCESS REQUIREMENTS FOR TOILET ACCESSORIES SHOWN ON THIS SHEET ARE GENERIC. SPECIFIC MANUFACTURERS AND MODELS AS INDICATED IN THE PROJECT MANUAL MOUNTING HEIGHTS, DIMENSIONS, CLEARANCES, AND ACCESS REQUIREMENTS OF THE SIMILAR ACCESSORIES MAY VARY FROM THOSE SHOWN HERE. WHEN SIMILAR ACCESSORIES ARE UTILIZED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION REQUIRED TO ACHIEVE THE SAME AESTHETIC, FUNCTIONAL, AND ACCESSIBLE DESIGN INTENT ILLUSTRATED BY THE CONFIGURATION SHOWN ON THE DRAWINGS.
5. HANDWASH STATION/LAVATORY WITH GOOSENECK FAUCET SHALL HAVE A LAVATORY BASIN AREA NOT LESS THAN 144 SQ. INCHES WITH A MINIMUM 9" WIDTH OR LENGTH. THE WATER DISCHARGE POINT OF THE GOOSENECK FAUCET SHALL BE A MINIMUM 10" ABOVE THE BOTTOM OF THE LAVATORY BASIN. PER FGI GUIDELINES LAVATORIES & HAND WASHING SINKS SHALL BE SECURELY ANCHORED TO WITHSTAND AN APPLIED VERTICAL LOAD NOT LESS THAN 250 POUNDS ON THE FIXTURE & MILLWORK FRONT.
6. 18" MIN WHEN USING [P1] (WASTE RECEPTACLE SHALL NOT ENCROACH ON FIXTURE CLEAR SPACE OR TURNING RADIUS. COORDINATE SIZE WITH OWNER) 20" MIN WHEN USING A [P3] COMBINATION UNIT.

ACCESSORY LEGEND

- Y2 SURFACE MOUNTED FOLDING SHOWER SEAT- RECTANGULAR
- X1 SHOWER CURTAIN ROD
- X2 TRENCH DRAIN @TOE OF COVE
- M1 HAND HELD FLEXIBLE SHOWER SPRAY & HOSE 59" LONG MIN.
- T1 SURFACE MOUNTED TOILET PAPER DISPENSER
- S1 SOAP DISPENSER
- S2 RECESSED TOILETRY SHELF
- S3 RECESSED SOAP SHELF
- S4 COUNTER MOUNTED SOAP DISPENSER
- P1 SURFACE MOUNTED PAPER TOWEL DISPENSER
- N3 NURSE CALL PULL CORD
- N4 TOILET SEAT COVER DISPENSER
- N5 BEDPAN WASH
- N1 SURFACE MOUNTED SANITARY NAPKIN DISPOSAL AT FEMALE AND UNISEX TOILET ONLY
- M1 24"WX36"H SURFACE MOUNTED MIRROR
- M6 18"WX24"H SURFACE MOUNTED MIRROR
- H1 SURFACE MOUNTED COAT HOOK
- G1 12" LENGTH GRAB BAR
- G2 18" LENGTH GRAB BAR
- G3 24" LENGTH GRAB BAR
- G4 36" LENGTH GRAB BAR
- G5 42" LENGTH GRAB BAR
- E1 TACTILE ROOM SIGN - WHERE OCCURS

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DUDLEY C. CAMPBELL
NUMBER A-2021002749

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MISSOURI DHSS

FACILITY NUMBER:
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TYPICAL MOUNTING HEIGHTS

AC523

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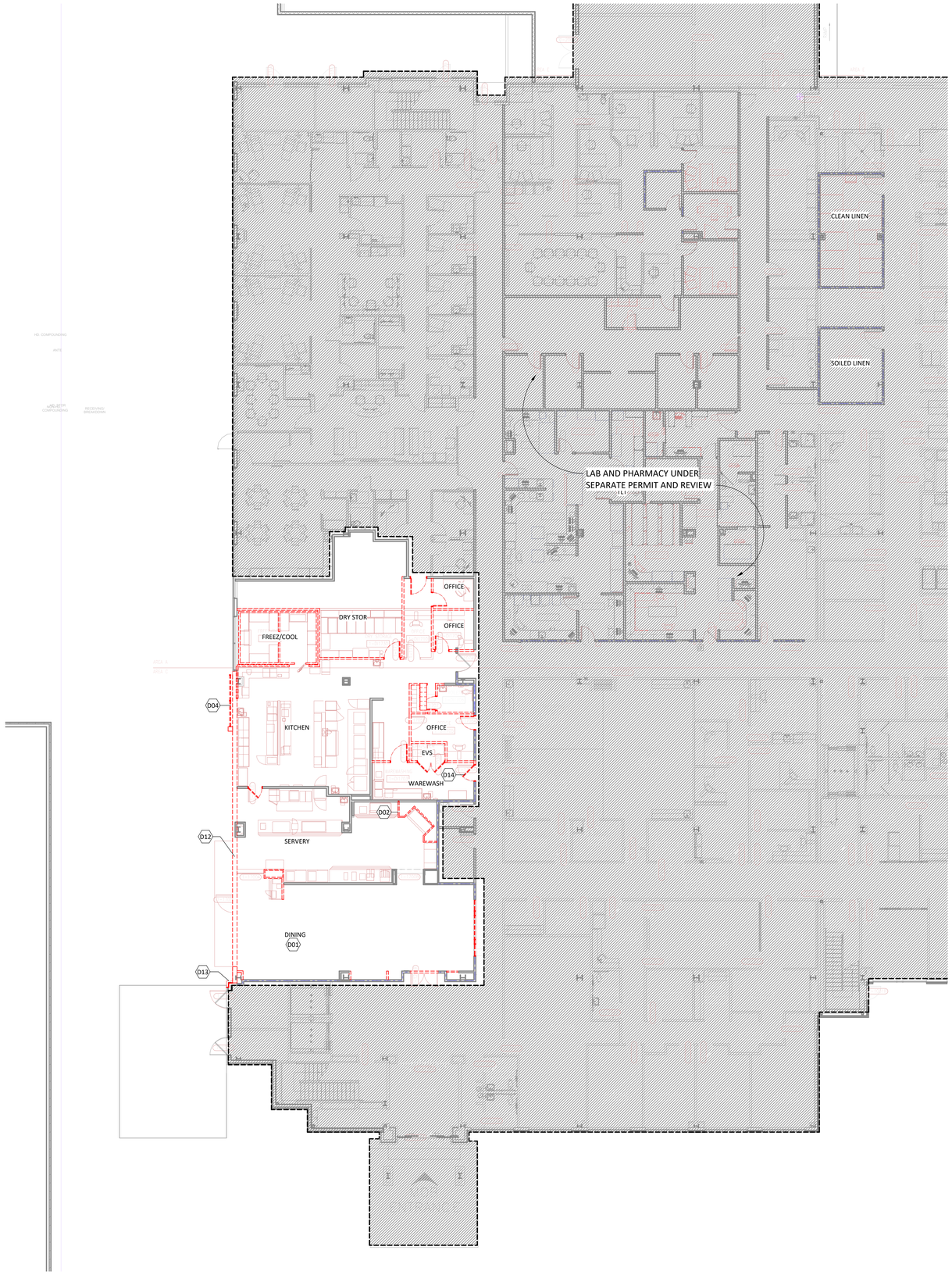

1 DEMOLITION PLAN - LEVEL 1
3/32" = 1'-0"

DEMOLITION GENERAL NOTES

1. DELIVER SALVAGED ITEMS TO THE OWNER AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THIS MAY INCLUDE BUT IS NOT LIMITED TO CASEWORK, FURNITURE, DOORS, DOOR HARDWARE, DISPENSERS, MARKERBOARDS, MEDICAL EQUIPMENT, MEDICAL GAS ITEMS, PLUMBING FIXTURES, LIGHT FIXTURES, AND MECHANICAL EQUIPMENT. ALL OTHER ITEMS SHALL BE DISPOSED OF BY CONTRACTOR.
2. PATCH AND REPAIR FLOOR, WALL, AND CEILING PENETRATIONS WHERE ITEMS HAVE BEEN REMOVED TO MATCH EXISTING FINISH. SEAL RATED ASSEMBLIES WITH APPROVED U.L. RATED MATERIALS.
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5. REMOVE EXISTING FLOOR FINISHES AND PREPARE EXISTING SLAB FOR NEW FINISH INSTALLATION, U.N.O.

DEMOLITION LEGEND

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

PARTITION LEGEND

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

KEYNOTE LEGEND

KEY	NOTE
D01	REMOVE EXISTING BASE AND WALL FINISHES AND PREP SURFACES FOR NEW FINISHES, AS SCHEDULED.
D02	REMOVE EXISTING CASEWORK/MILLWORK
D04	REMOVE EXISTING WINDOW SYSTEM.
D12	REMOVE EXISTING EIFS WALL FROM FINISHED FLOOR UP TO 13'-0" AFF & CAP BOTTOM WITH CHANNEL AND GYP BOARD.
D13	REMOVE EXISTING EIFS AND SHEATHING AS REQUIRED FOR NEW EIFS WALL.
D14	SALVAGE DOOR AND HARDWARE FOR REINSTALLATION.

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DEMOLITION PLAN - LEVEL 1

AD101

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

DEMOLITION GENERAL NOTES

1. DELIVER SALVAGED ITEMS TO THE OWNER AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THIS MAY INCLUDE BUT IS NOT LIMITED TO CASEWORK, FURNITURE, DOORS, DOOR HARDWARE, DISPENSERS, MARKERBOARDS, MEDICAL EQUIPMENT, MEDICAL GAS ITEMS, PLUMBING FIXTURES, LIGHT FIXTURES, AND MECHANICAL EQUIPMENT. ALL OTHER ITEMS SHALL BE DISPOSED OF BY CONTRACTOR.
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5. REMOVE EXISTING FLOOR FINISHES AND PREPARE EXISTING SLAB FOR NEW FINISH INSTALLATION, U.N.O.

DEMOLITION LEGEND

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

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
D05	DEMO 1 1/4" INCH OF EXISTING FLOOR SLAB FOR PREFABRICATED TOILET POD PLACMENT. REF VENDOR DRAWINGS.
D06	DEMO 3/4" INCH OF EXISTING FLOOR SLAB FOR ADA SHOWER PLACEMENT. REF VENDOR DRAWINGS.
D08	CUT OPENING IN EXISTING FLOOR SLAB FOR NEW MECHANICAL DUCT SHAFT. REFER TO ARCHITECTURAL DIMENSION PLANS AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
D09	REMOVE EXISTING ROOF ACCESS LADDER ASSEMBLY
D11	REMOVE EXISTING TPO OVER LIGHTWEIGHT INSULATION CONCRETE ROOF SYSTEM
D15	REMOVE PORTION OF EXISTING ROOF ASSEMBLY FOR NEW ROOF ACCESS HATCH.
D16	REMOVE EXISTING BRICK VENEER, WEATHER BARRIER, INSULATION AND EXTERIOR SHEATHING.
D19	REMOVE EXISTING EIFS AND EXTERIOR SHEATHING.
D22	REMOVE EXISTING HSS COLUMN.

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MISSOURI DHSS

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DEMOLITION PLAN - LEVEL 3

AD103

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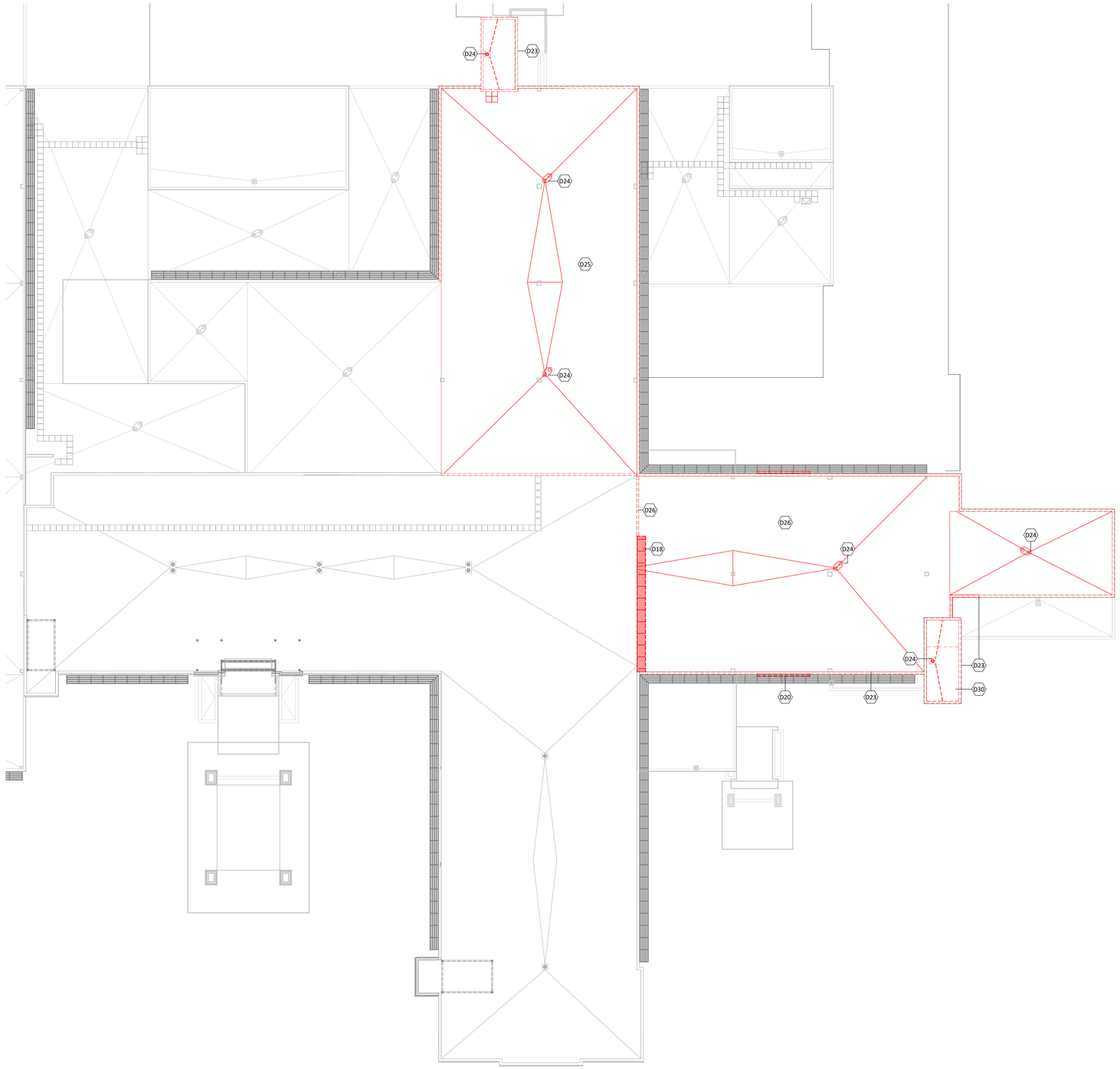

1 DEMOLITION ROOF PLAN
1/16" = 1'-0"

DEMOLITION GENERAL NOTES

1. DELIVER SALVAGED ITEMS TO THE OWNER AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THIS MAY INCLUDE BUT IS NOT LIMITED TO CASEWORK, FURNITURE, DOORS, DOOR HARDWARE, DISPENSERS, MARKERBOARDS, MEDICAL EQUIPMENT, MEDICAL GAS ITEMS, PLUMBING FIXTURES, LIGHT FIXTURES, AND MECHANICAL EQUIPMENT. ALL OTHER ITEMS SHALL BE DISPOSED OF BY CONTRACTOR.
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5. REMOVE EXISTING FLOOR FINISHES AND PREPARE EXISTING SLAB FOR NEW FINISH INSTALLATION, U.N.O.

DEMOLITION LEGEND

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

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
D18	REMOVE EXISTING METAL SUNSCREEN AND WALL-MOUNTED BRACKETS.
D20	REMOVE & SALVAGE EXISTING EXTERIOR SIGNAGE AND MOUNTING RACEWAY FOR REUSE.
D23	REMOVE EXISTING PARAPET METAL COPING
D24	REMOVE EXISTING ROOF DRAIN.
D25	REMOVE EXISTING ROOF SYSTEM DOWN TO STRUCTURAL FLOOR SLAB AND PREP SURFACES FOR NEW FINISHES.
D26	REMOVE PORTION OF EXISTING EXTERIOR WALL/PARAPET AND METAL COPING.
D30	DEMO PORTION OF FLOOR SLAB FOR NEW STAIR OPENING.

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DEMOLITION PLAN - ROOF

AD104

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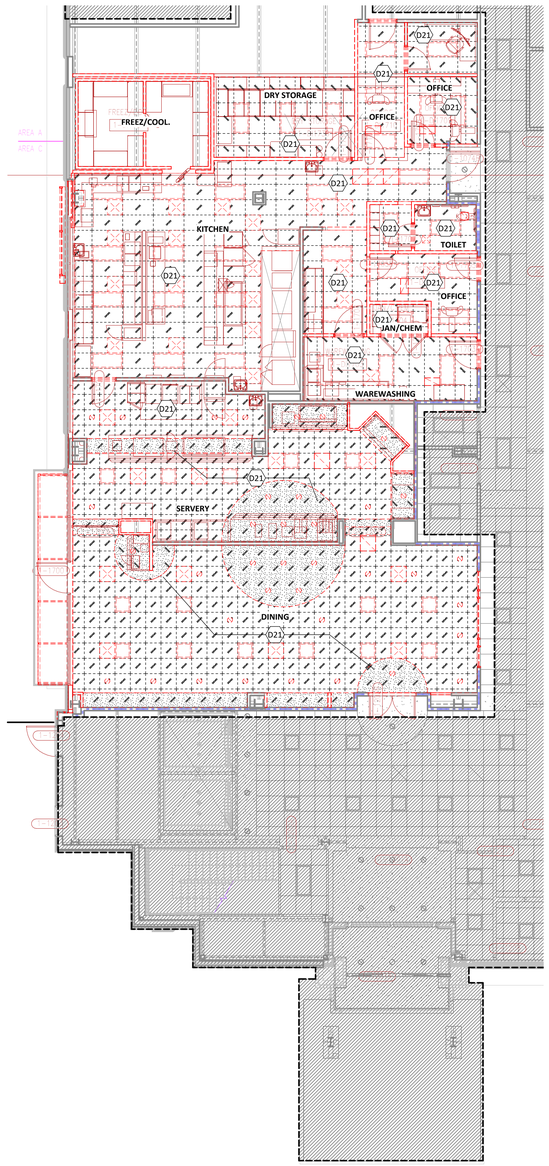

1 DEMOLITION RCP - LEVEL 1
1/8" = 1'-0"

DEMOLITION GENERAL NOTES

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

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

PARTITION LEGEND

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

KEYNOTE LEGEND

KEY	NOTE
D21	REMOVE ALL LIGHT FIXTURES, DIFFUSERS AND OTHER CEILING MOUNTED COMPONENTS.

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DEMOLITION RCP - LEVEL 1

AD171

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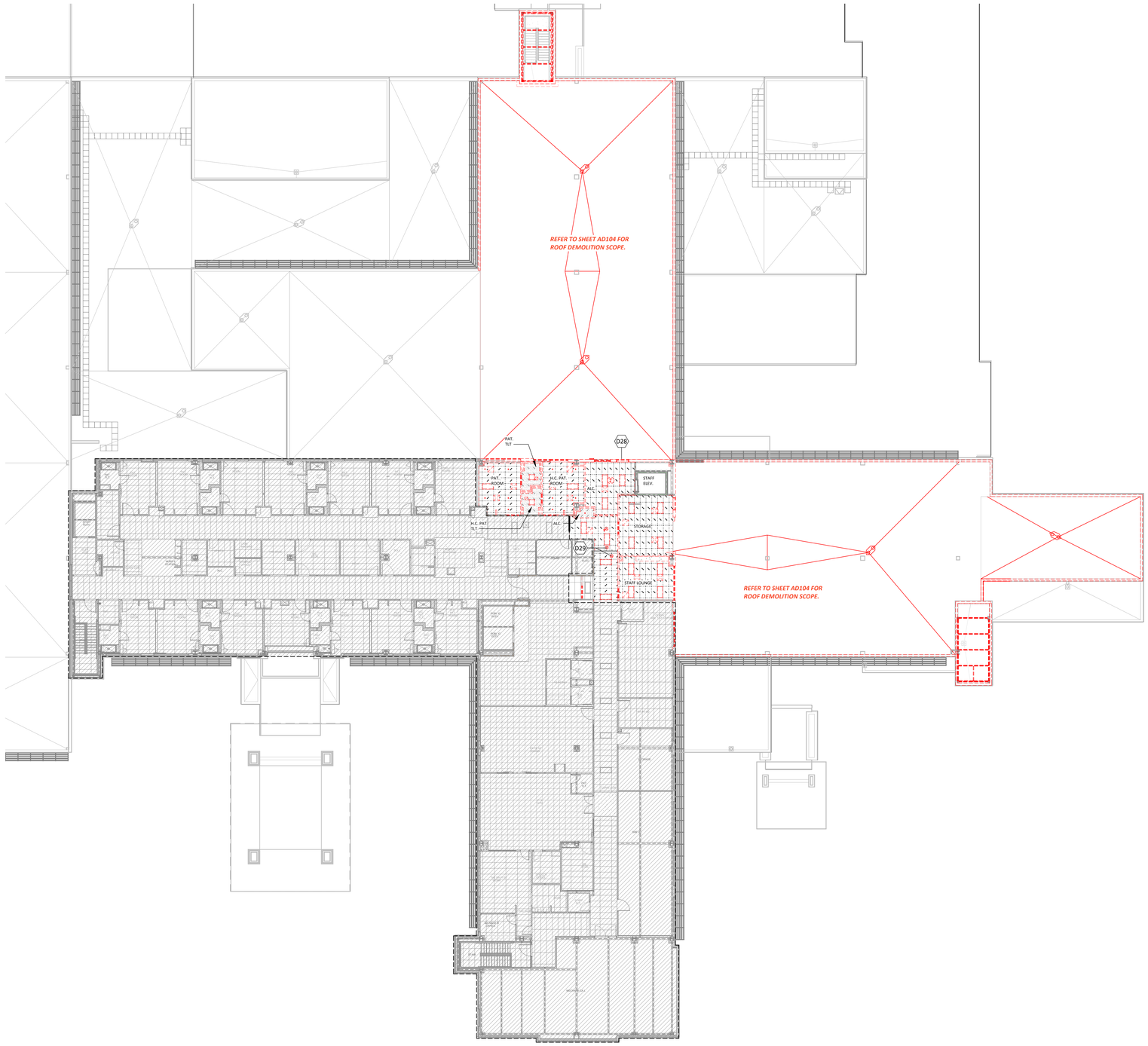

1 DEMOLITION RCP - LEVEL 3
1/16" = 1'-0"

DEMOLITION GENERAL NOTES

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

REFLECTED CEILING LEGEND

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

PARTITION LEGEND

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

KEYNOTE LEGEND

KEY	NOTE
D28	REMOVE EXISTING EXIT SIGN.
D29	REMOVE EXIT SIGN AND SALVAGE FOR REUSE.

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002549

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MISSOURI DHSS

FACILITY NUMBER:
0972400009

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AGENCY

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REVIEWED:	
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DEMOLITION RCP - LEVEL 3

AD173

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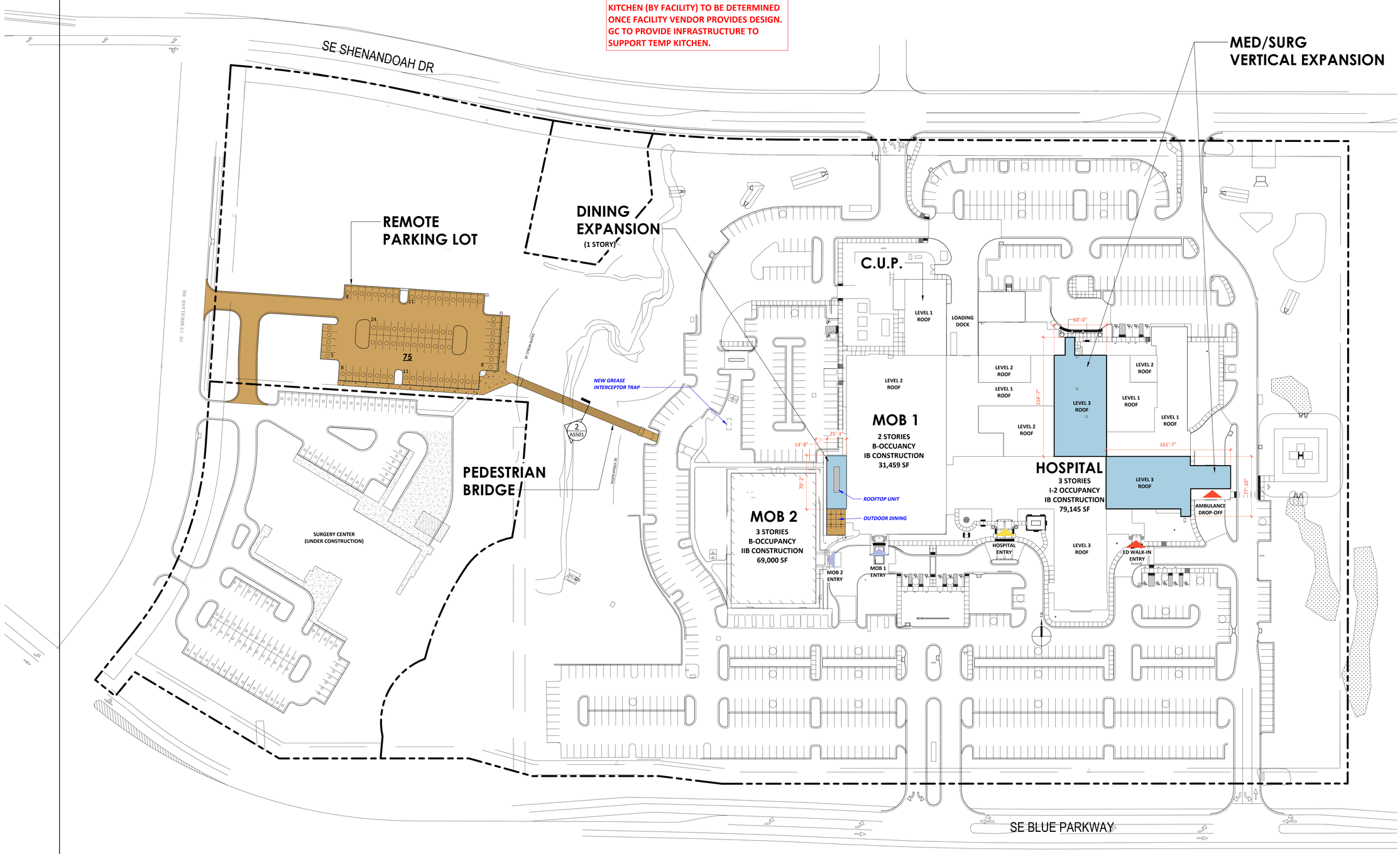
REFER TO CIVIL DRAWINGS FOR PARKING SUMMARY.

*NOTE: LOCATION OF TEMPORARY KITCHEN (BY FACILITY) TO BE DETERMINED ONCE FACILITY VENDOR PROVIDES DESIGN. GC TO PROVIDE INFRASTRUCTURE TO SUPPORT TEMP KITCHEN.



1 ARCHITECTURAL SITE PLAN
1" = 50'-0"

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ARCHITECTURAL SITE PLAN

AS001

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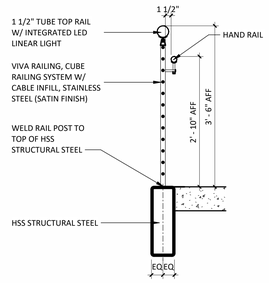
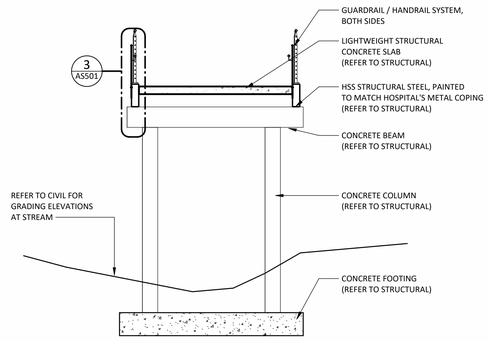
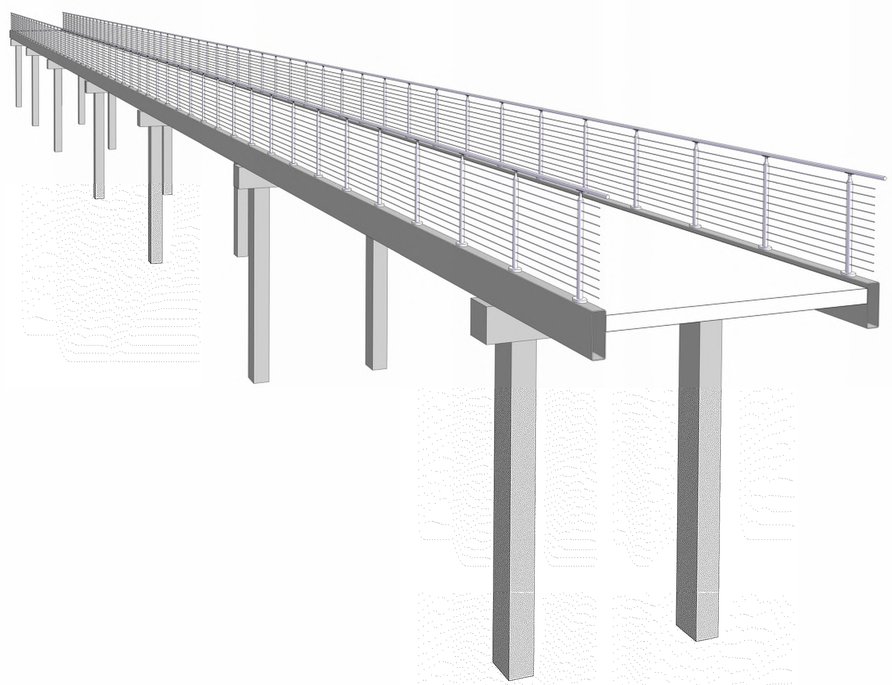


3 GUARDRAIL/HANDRAIL SECTION AT BRIDGE
3/4" = 1'-0"



2 PEDESTRIAN BRIDGE SECTION
1/4" = 1'-0"



1 PEDESTRIAN BRIDGE

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SITE DETAILS

AS501

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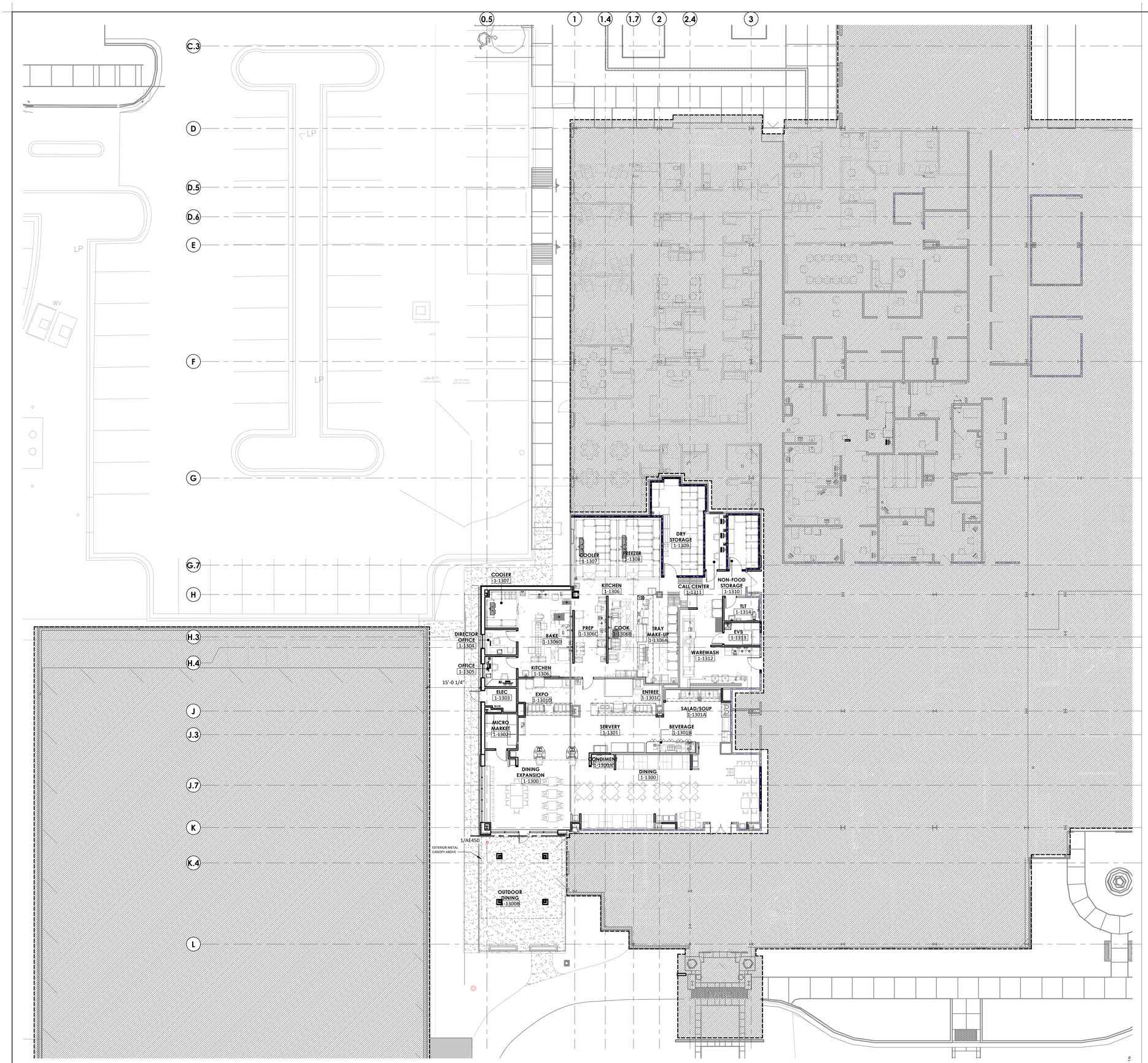

1 OVERALL SCOPE FLOOR PLAN - LEVEL 1
3/32" = 1'-0"

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

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MISSOURI DHSS

FACILITY NUMBER:
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AGENCY APPROVALS:
AGENCY

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OVERALL SCOPE FLOOR PLAN - LEVEL 1

AE101

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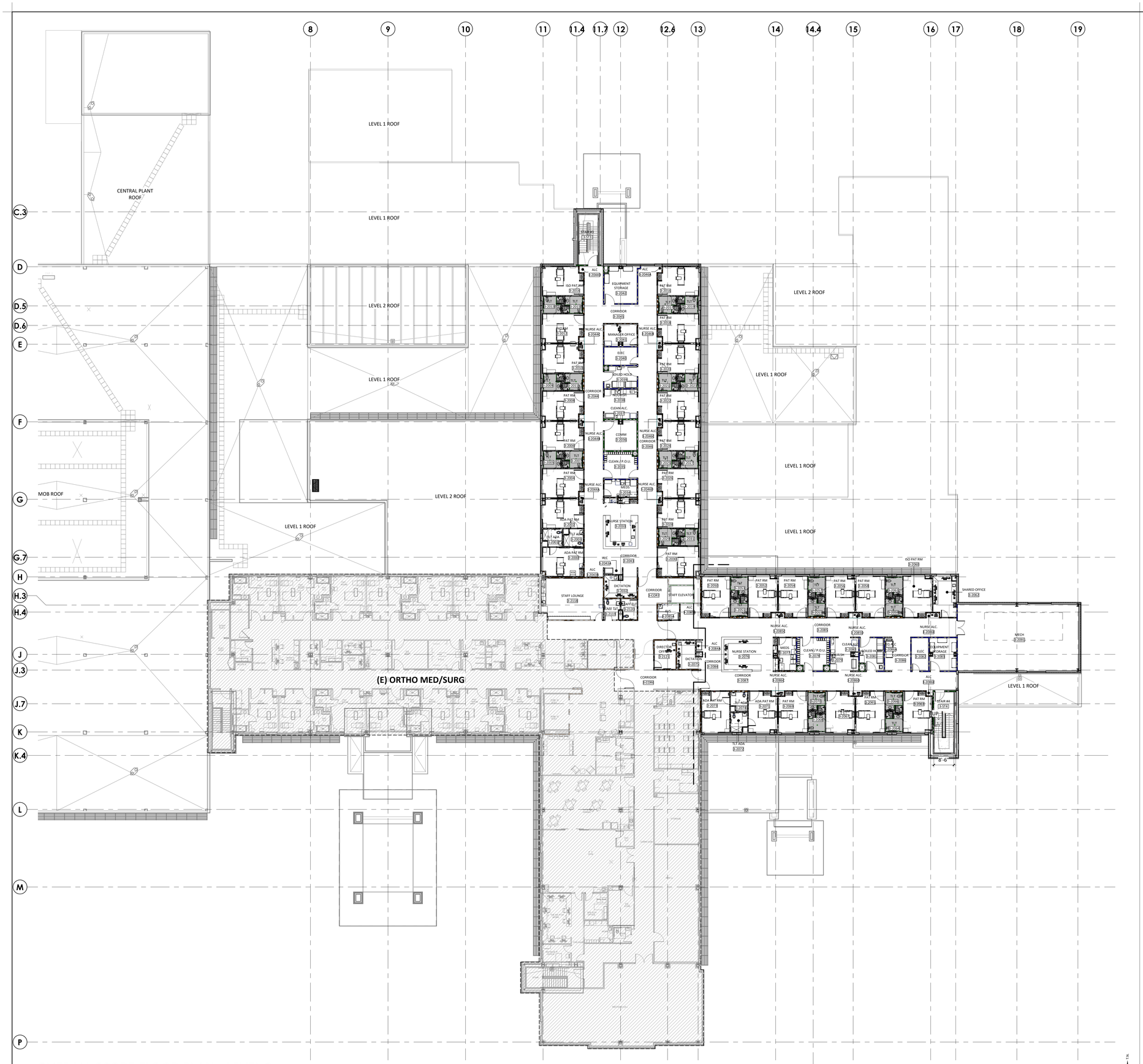

1 OVERALL SCOPE FLOOR PLAN - LEVEL 3
1/16" = 1'-0"

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.
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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

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OVERALL SCOPE FLOOR PLAN - LEVEL 3

AE103

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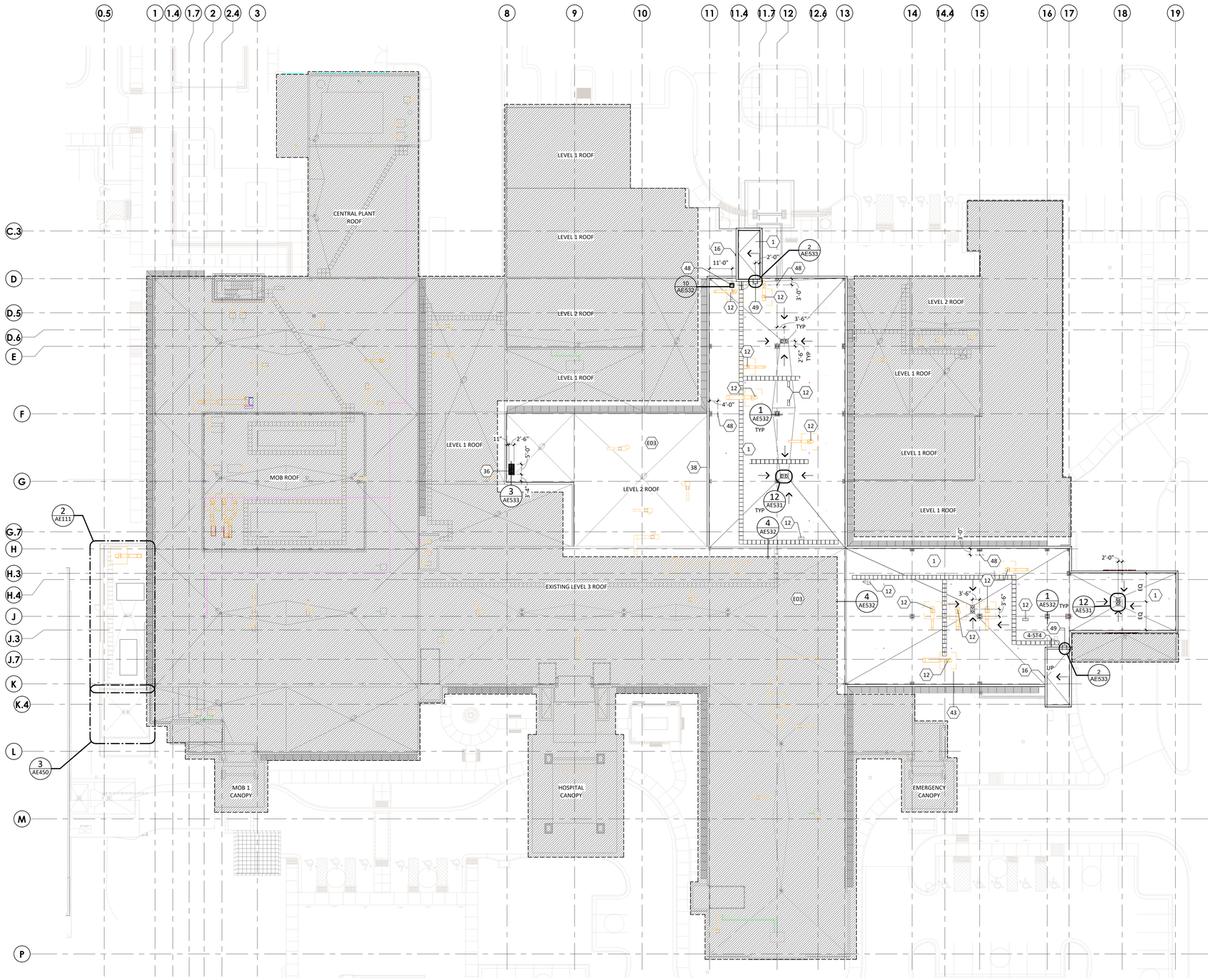
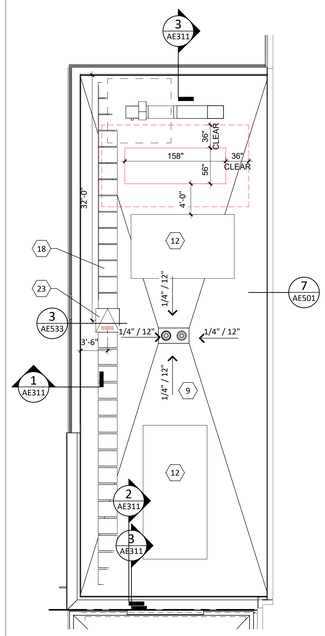


1 OVERALL ROOF PLAN
3/64" = 1'-0"



2 ENLARGED ROOF PLAN - DIETARY
1/8" = 1'-0"

ROOF PLANS GENERAL NOTES

1. ROOF SLOPE TO BE A MINIMUM OF 1/4" PER FOOT.
2. FINAL ROOF WALKWAY PAD LOCATIONS TO BE CONFIRMED BY FACILITY.
3. ARROWS ON ROOF PLAN INDICATE WATER DRAINAGE DIRECTION.
4. CRICKETS DIRECTING WATER TO ROOF DRAINS SHALL BE SLOPED TO DIRECT POSITIVE DRAINAGE TO THE ROOF DRAINS.
5. PAINT UNFINISHED ROOF MOUNTED EQUIPMENT SUPPORT, PIPING, ETC. EXCEPT THOSE ITEMS WHICH ARE ALUMINUM OR GALVANIZED STEEL. COLOR TO BE SELECTED BY ARCHITECT.
6. ALL ROOF FLASHING SHALL BE INSTALLED ACCORDING TO ROOF MANUFACTURER'S PUBLISHED INSTRUCTIONS.
7. REMOVE EXISTING ROOF AS REQUIRED. PROPERLY CONNECT NEW ROOF TO EXISTING ROOF TO MAINTAIN EXISTING WARRANTY.

KEYNOTE LEGEND

KEY	NOTE
1	SINGLE-PLY TPO ROOF SYSTEM OVER TAPERED RIGID INSULATION (1/4" PER FOOT SLOPE).
9	SINGLE-PLY TPO ROOF SYSTEM OVER LIGHTWEIGHT INSULATING CONCRETE & TAPERED RIGID INSULATION SYSTEM (1/4" PER FOOT SLOPE).
12	ROOFTOP MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS.
16	ROOF SCUPPER & RAINWATER LEADER.
18	30" WIDE, SELF ADHERED FLEXIBLE ROOFING WALK MATS.
23	3'-0" x 3'-0" ROOF ACCESS LADDER AND HATCH.
36	30"x60" ROOF ACCESS HATCH W/ ALUMINUM ALTERNATING TREAD STAIR.
38	PATCH & REPAIR EXISTING ROOF AT NEW EXTERIOR WALL PANEL.
43	UNISTRUT SUPPORT FOR ELECTRICAL DEVICES
48	ROOF DAVIT FOR FALL PROTECTION.
49	ROOF ACCESS LADDER.
E03	EXISTING ROOF SYSTEM TO REMAIN.

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OVERALL ROOF PLAN

AE111

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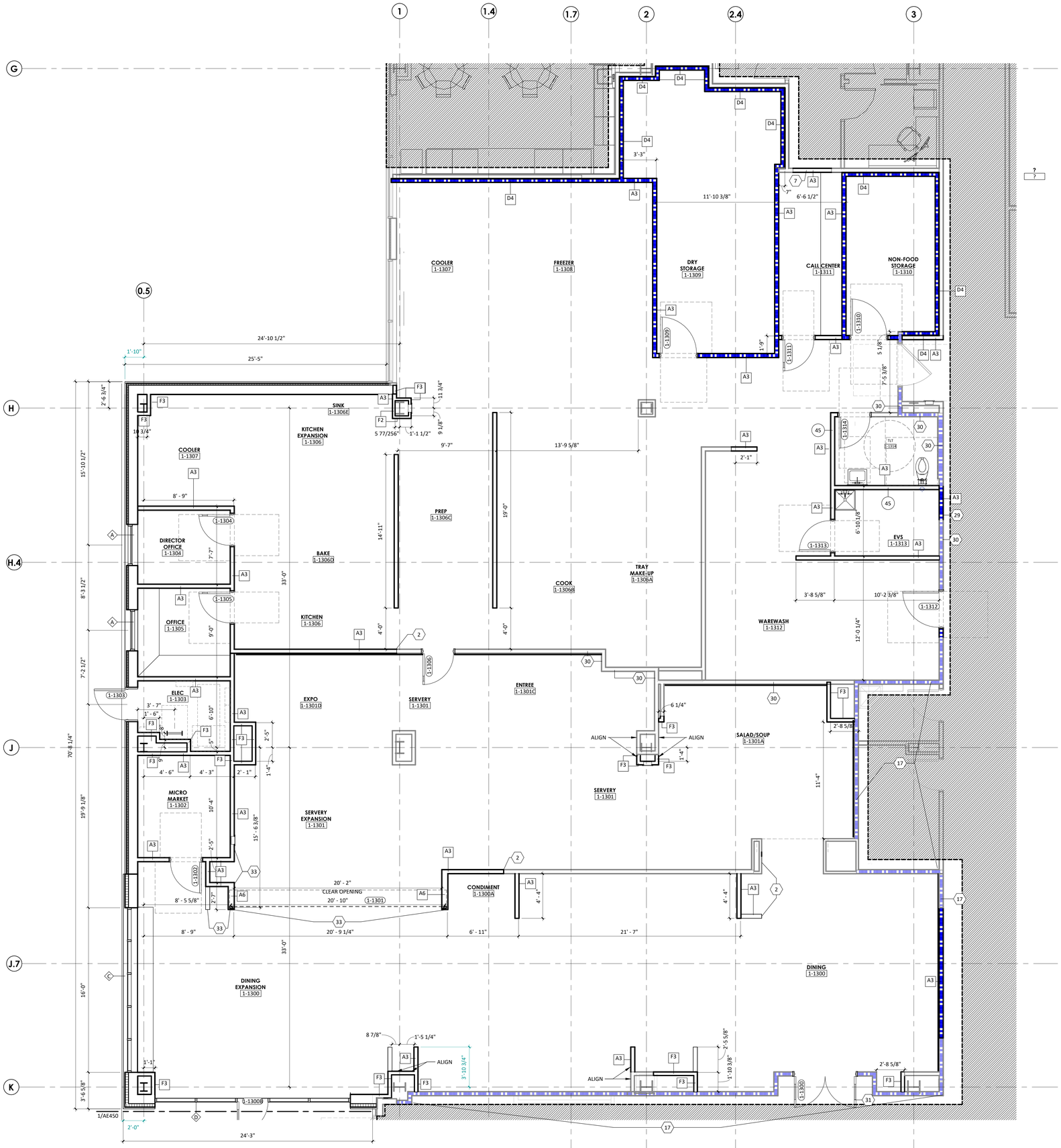

1 DIMENSION PLAN - LEVEL 1 - SECTOR A

1/4" = 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

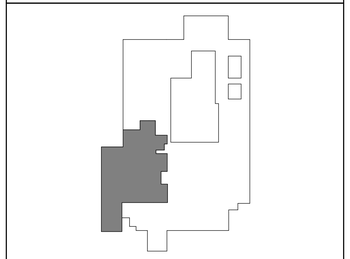
EXISTING	NEW	
		NON-RATED PARTITION
		2-HOUR FIRE BARRIER
		1-HOUR FIRE BARRIER
		1-HOUR SMOKE BARRIER
		SMOKE PARTITION
		1-HOUR FIRE PARTITION

LIMITS OF CONSTRUCTION
(SHADE INDICATES AREA OUTSIDE OF SCOPE)

KEYNOTE LEGEND

KEY	NOTE
2	ALIGN FINISH FACE OF NEW PARTITION WITH EXISTING PARTITION SURFACE TO REMAIN
7	INFILL DOOR OPENING TO MATCH EXISTING MATERIALS AND SCHEDULED FINISHES.
17	FIELD VERIFY THAT THE EXISTING PARTITION EXTENDS TO DECK ABOVE AND MEETS NEW 1-HR FIRE BARRIER REQUIREMENTS.
29	INFILL PARTITION WHERE EXISTING DOOR WAS REMOVED. VERIFY EXISTING DIMENSIONS IN THE FIELD.
30	EXTEND EXISTING PARTITION TO DECK ABOVE TO MEET NEW 1-HR FIRE BARRIER REQUIREMENTS.
31	REPLACE EXISTING DOOR, FRAME AND HARDWARE IN PLACE.
33	ALIGN FINISH FACE OF NEW PARTITIONS.

KEY PLAN



LEVEL 1 - KEYPLAN

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REVISIONS

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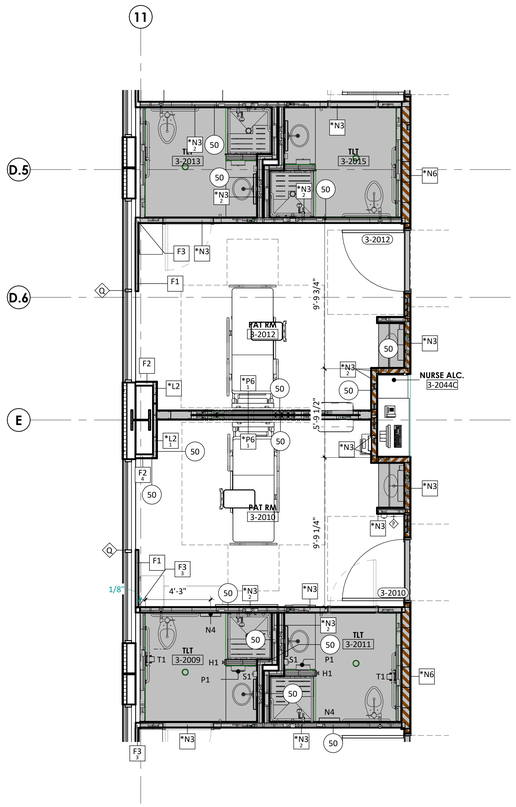
DATE:	2024/12/05
SCALE:	1/4" = 1'-0"
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

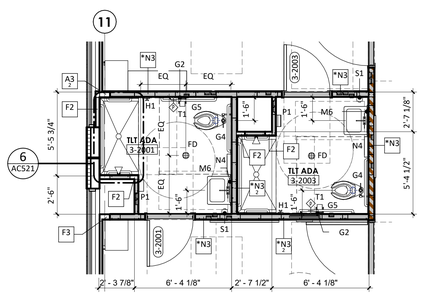
DIMENSION FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING

AE121A

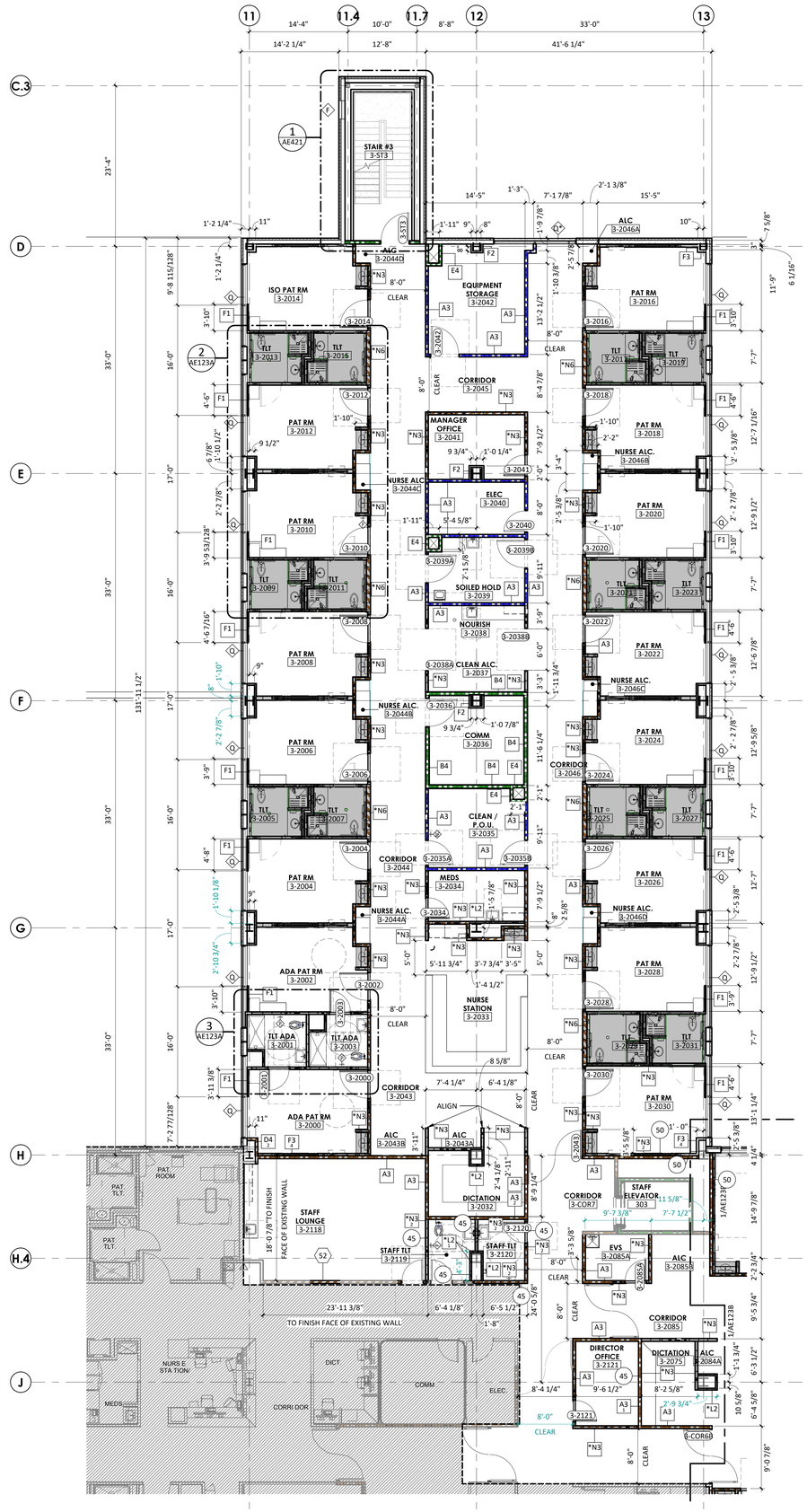
Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt
12/16/2024 7:12:34 AM



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.
2. DIMENSIONS MEASURE FROM THE EXPOSED SURFACE OF EXISTING WALLS, PARTITIONS, COLUMNS, ETC.; NEW PARTITIONS ARE DIMENSIONED TO THE FACE OF THE FRAMING; MEASURE AND VERIFY DIMENSIONS IN FIELD.
3. ALL INFORMATION GRAYED-OUT INDICATES EXISTING OR SCOPE PROVIDED BY OTHERS.
4. WHERE NEW PARTITIONS ABUT EXISTING PARTITIONS, BUILD NEW PARTITION TIGHT TO FACE OF EXISTING PARTITION U.N.O.

PARTITION LEGEND

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

LIMITS OF CONSTRUCTION
(SHADE INDICATES AREA OUTSIDE OF SCOPE)

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
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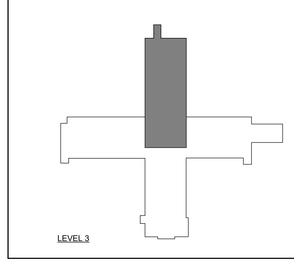
KEY PLAN



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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002149

DATE SIGNED: 12.05.24

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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

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DIMENSION FLOOR PLAN - LEVEL 3 - SECTOR A - MEDSURG

AE123A

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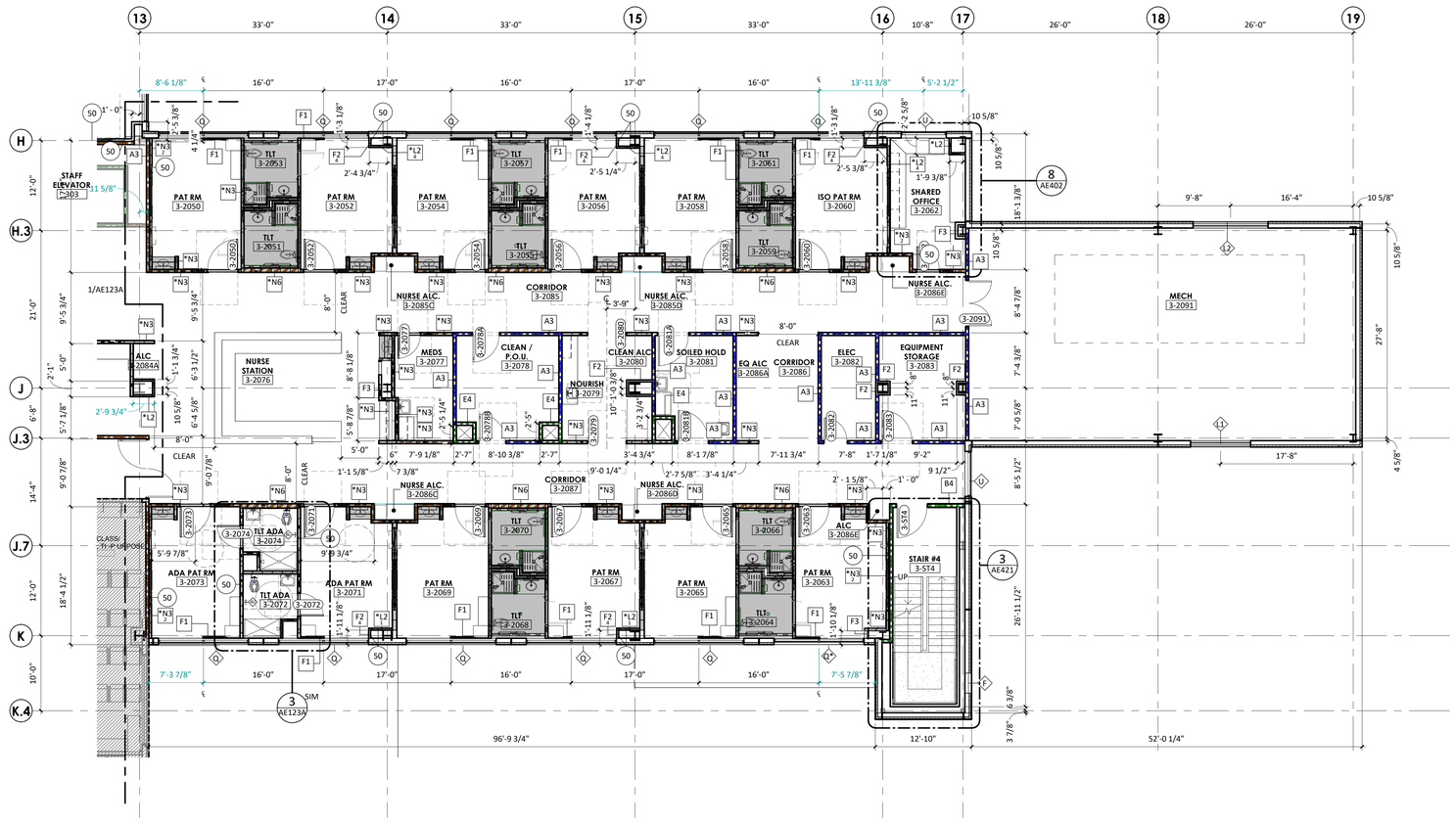

1 DIMENSION PLAN - LEVEL 3 - SECTOR B

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

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CONSULT ROOM	CORRIDOR (WITH ENTRANCE)	35[1]
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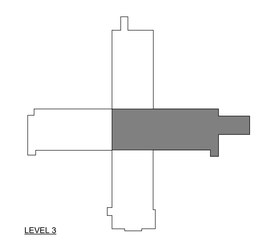

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002749

DATE SIGNED: 12.05.24

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MED SURG & DIETARY EXPANSION

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

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

FACILITY NUMBER:
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AGENCY

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DIMENSION FLOOR PLAN - LEVEL 3 - SECTOR B - MEDSURG

AE123B

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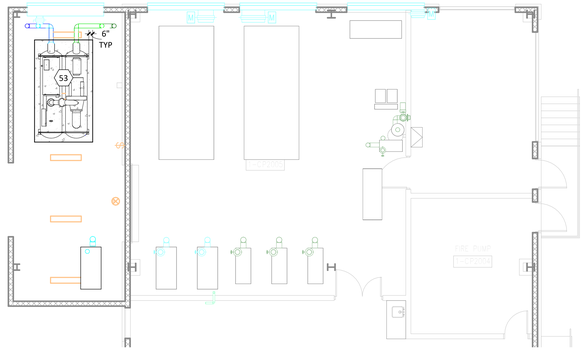
1 ENLARGED FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING
1/4" = 1'-0"



2 LEVEL 1 - CHILLER REPLACEMENT
1/8" = 1'-0"

ANNOTATION PLAN GENERAL NOTES

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

PARTITION LEGEND

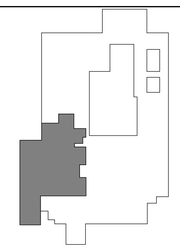
EXISTING	NEW	
		NON-RATED PARTITION
		2-HOUR FIRE BARRIER
		1-HOUR FIRE BARRIER
		1-HOUR SMOKE BARRIER
		SMOKE PARTITION
		1-HOUR FIRE PARTITION

LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

KEYNOTE LEGEND

KEY	NOTE
7	INFILL DOOR OPENING TO MATCH EXISTING MATERIALS AND SCHEDULED FINISHES.
34	RELOCATED DOOR, FRAME AND HARDWARE
35	PROVIDE 3M FASARA - MILKY CRYSTAL FILM TO INTERIOR FACE OF GLAZING.
36	30"x60" ROOF ACCESS HATCH W/ ALUMINUM ALTERNATING TREAD STAIR.
53	DEMO EXISTING HOUSEKEEPING PAD. PROVIDE NEW HOUSEKEEPING PAD MINIMUM 6" BEYOND CHILLER EQUIPMENT ON ALL SIDES. COORDINATE FINAL PAD SIZE WITH MECHANICAL. REFER TO MECHANICAL AND STRUCTURAL DRAWINGS.

KEY PLAN



LEVEL 1 - KEYPLAN

Devenney GROUP

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Consultant:

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DUDLEY G. CAMPBELL
NUMBER A-2021002549

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ANNOTATION FLOOR PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING

AE131A

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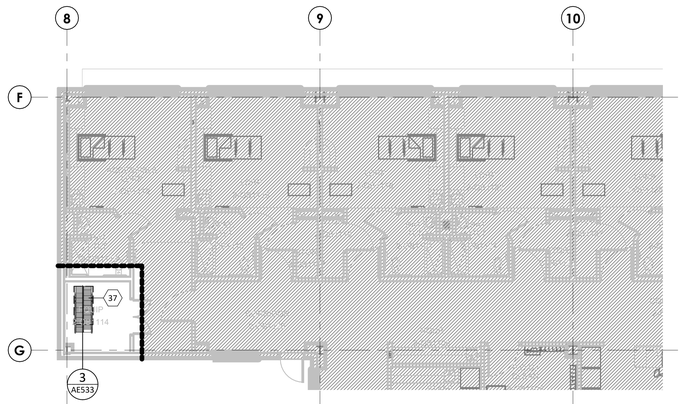

1 ANNOTATION PLAN - LEVEL 2 - EXISTING MED/SURG ROOF ACCESS
1/8" = 1'-0"

2 ANNOTATION PLAN - LEVEL 3 - SECTOR A - MED/SURG (16-BED UNIT)
1/8" = 1'-0"

ANNOTATION PLAN GENERAL NOTES

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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
(SHADE INDICATES AREA OUTSIDE OF SCOPE)

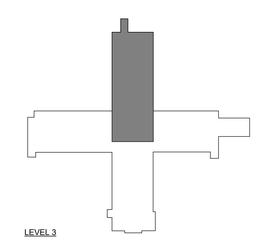
KEYNOTE LEGEND

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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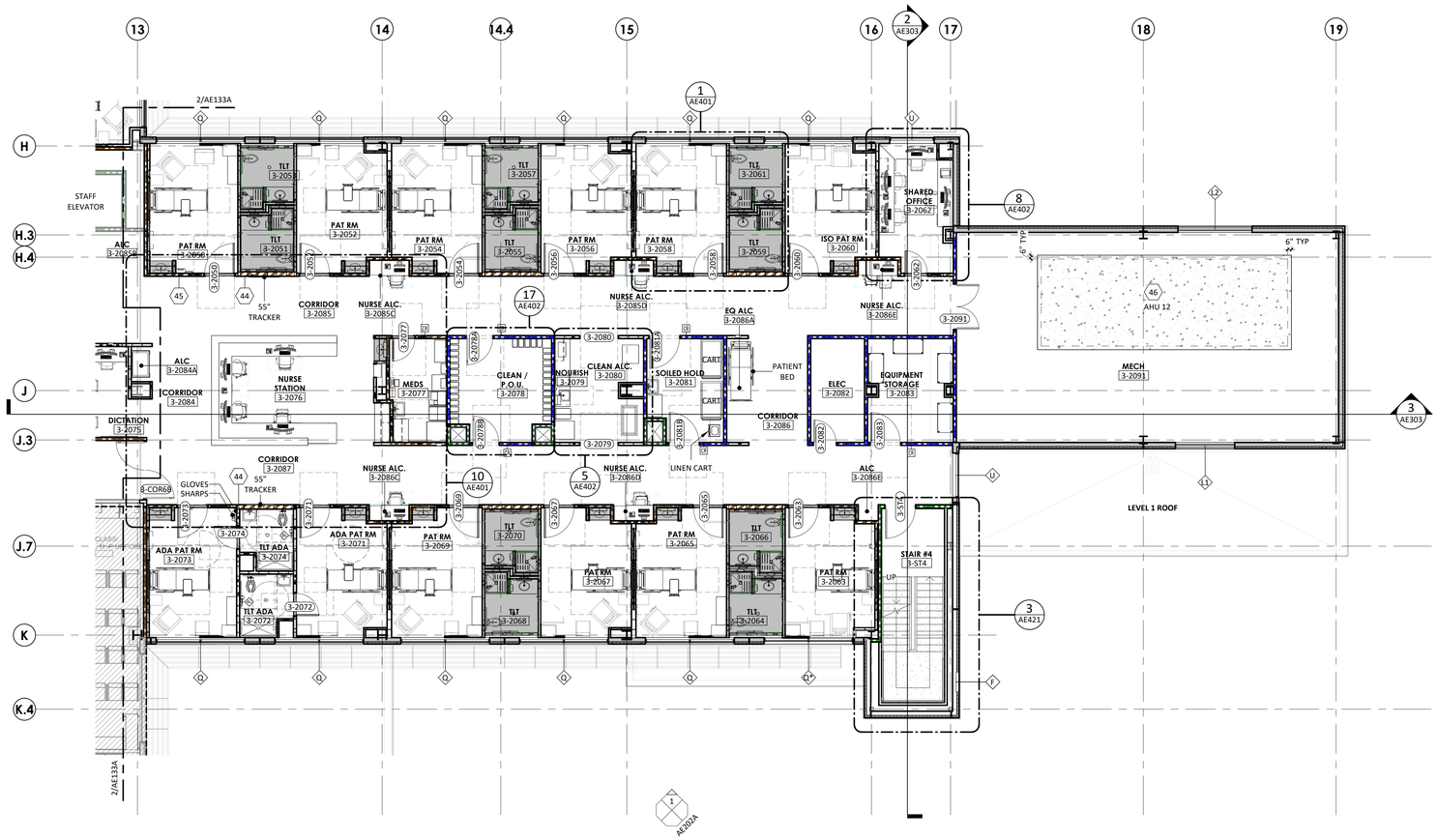

1 ANNOTATION PLAN - LEVEL 3 - SECTOR B - MED/SURG (12-BED UNIT)
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ANNOTATION PLAN GENERAL NOTES

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.

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)

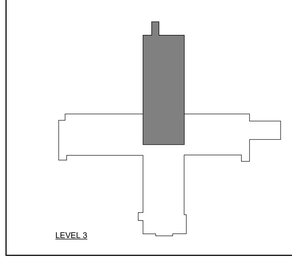
KEYNOTE LEGEND

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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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002749

DATE SIGNED: 12.05.24

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MED SURG & DIETARY EXPANSION

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LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

ANNOTATION FLOOR PLAN - LEVEL 3 - SECTOR B - MEDSURG

AE133B

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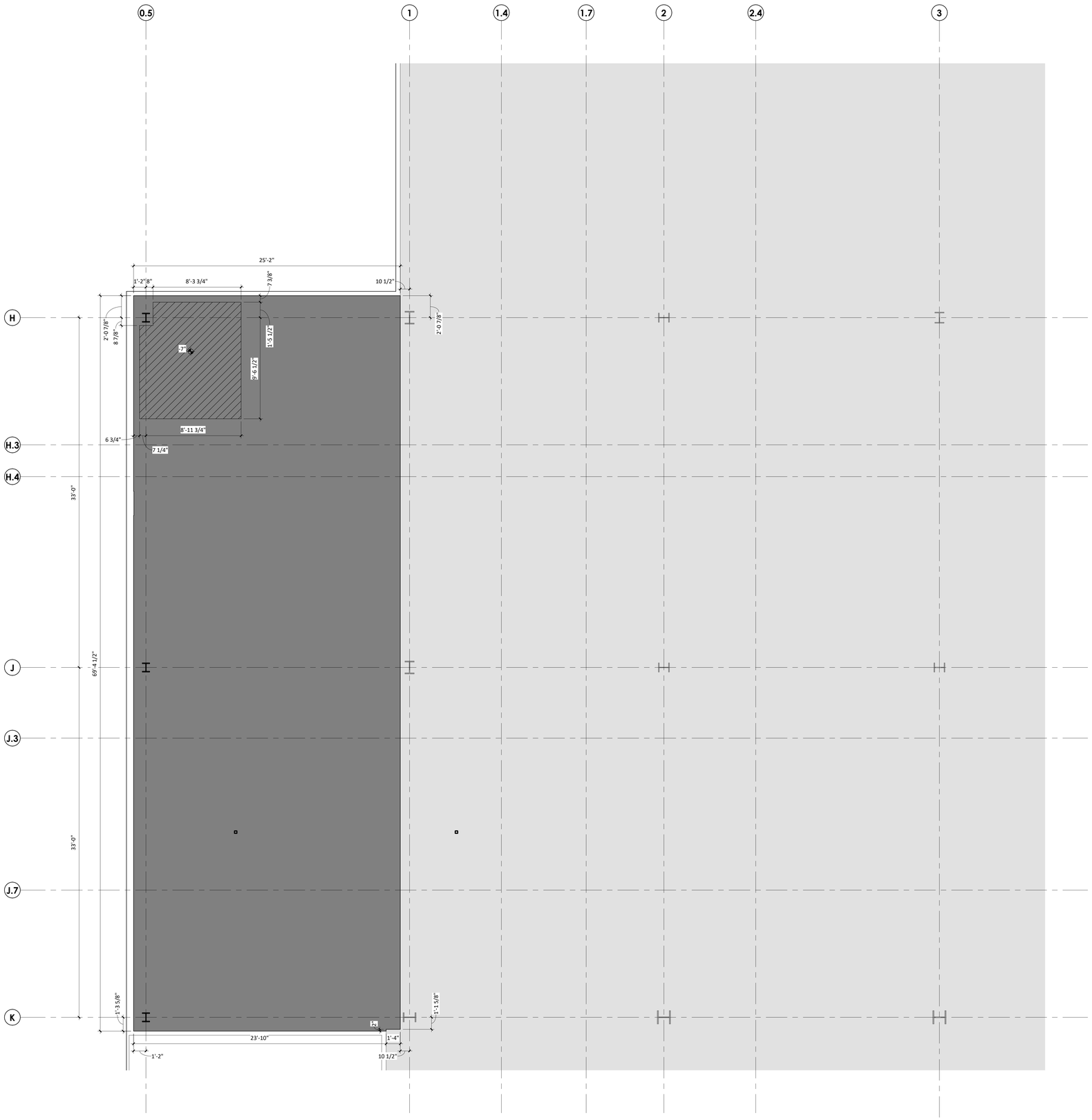


1 EDGE-OF-SLAB PLAN - OVERALL - LEVEL 1

1/4" = 1'-0"

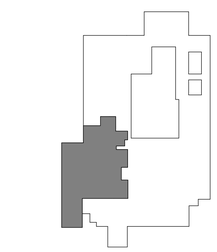
T.N.

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.



LEVEL 1 - KEYPLAN

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OVERALL EDGE-OF-SLAB - LEVEL 1

AE141

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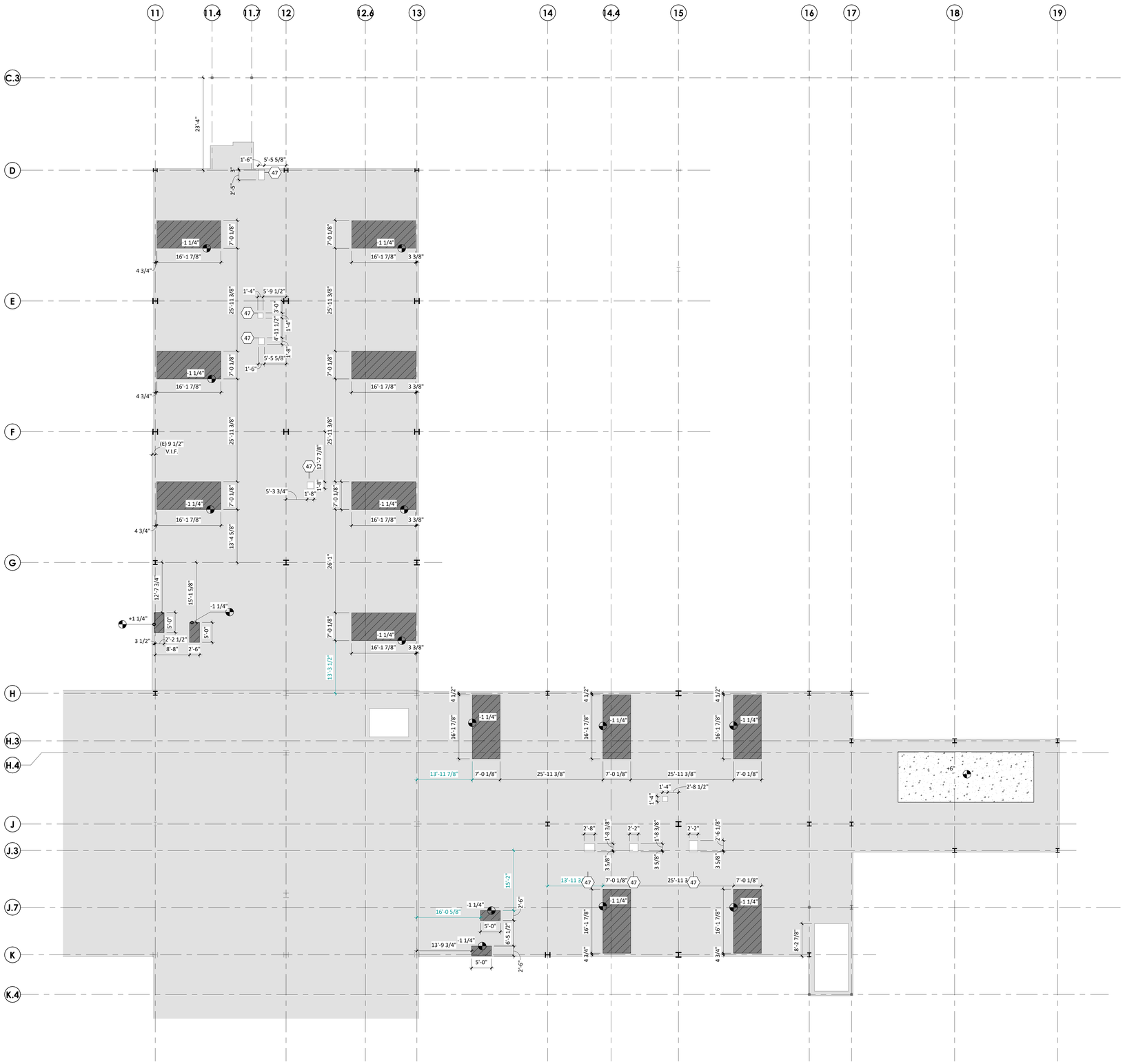


1 EDGE-OF-SLAB PLAN - OVERALL - LEVEL 3

3/32" = 1'-0"

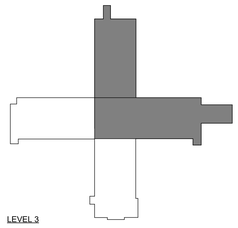
T.N.

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.



LEVEL 3

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OVERALL EDGE-OF-SLAB - LEVEL 3

AE143

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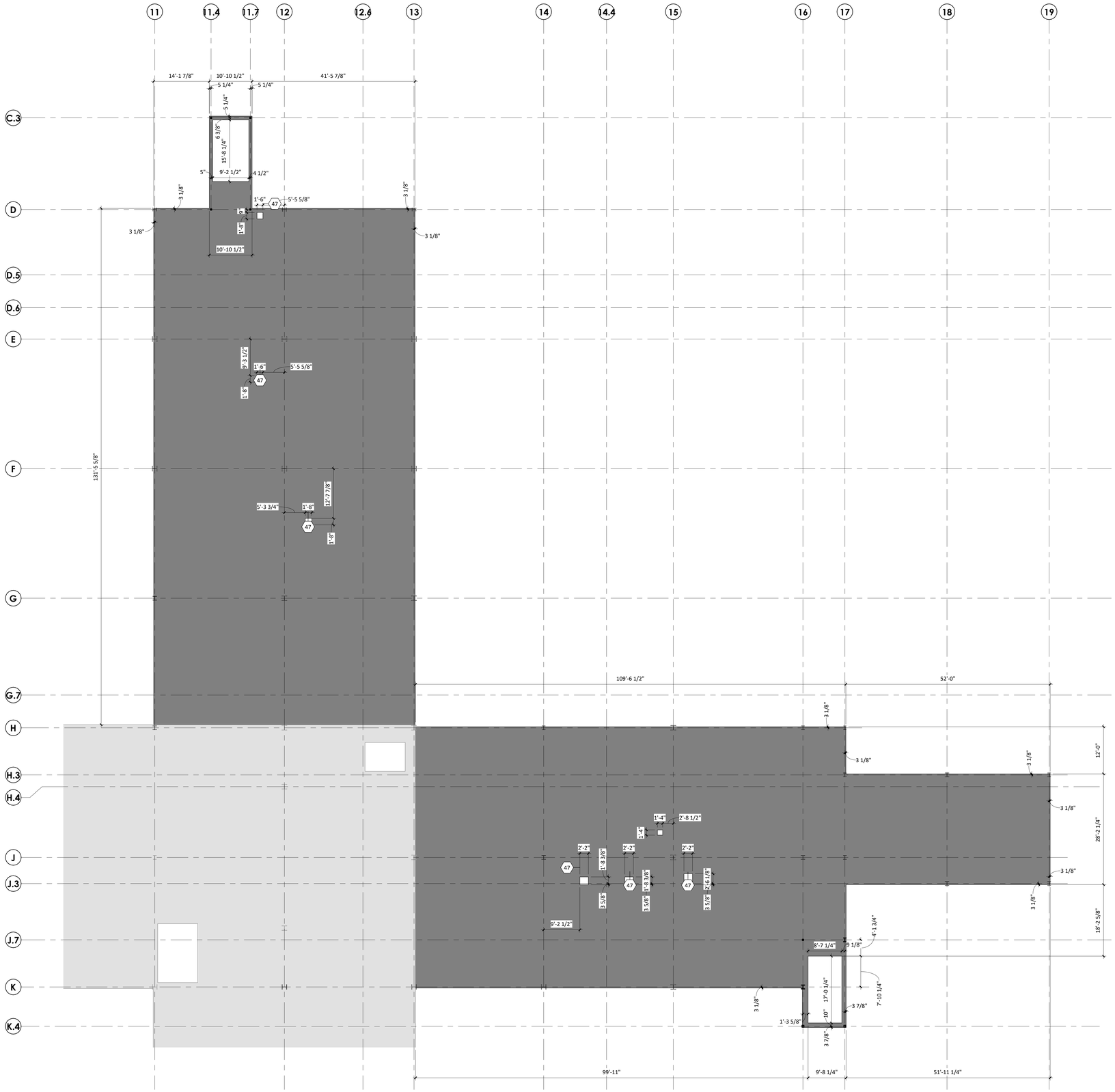


1 EDGE-OF-SLAB PLAN - OVERALL - LEVEL 4

3/32" = 1'-0"

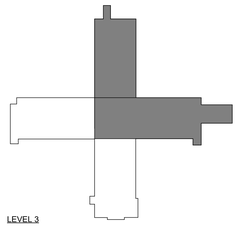
T.N.

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.



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OVERALL EDGE-OF-SLAB - LEVEL 4

AE144

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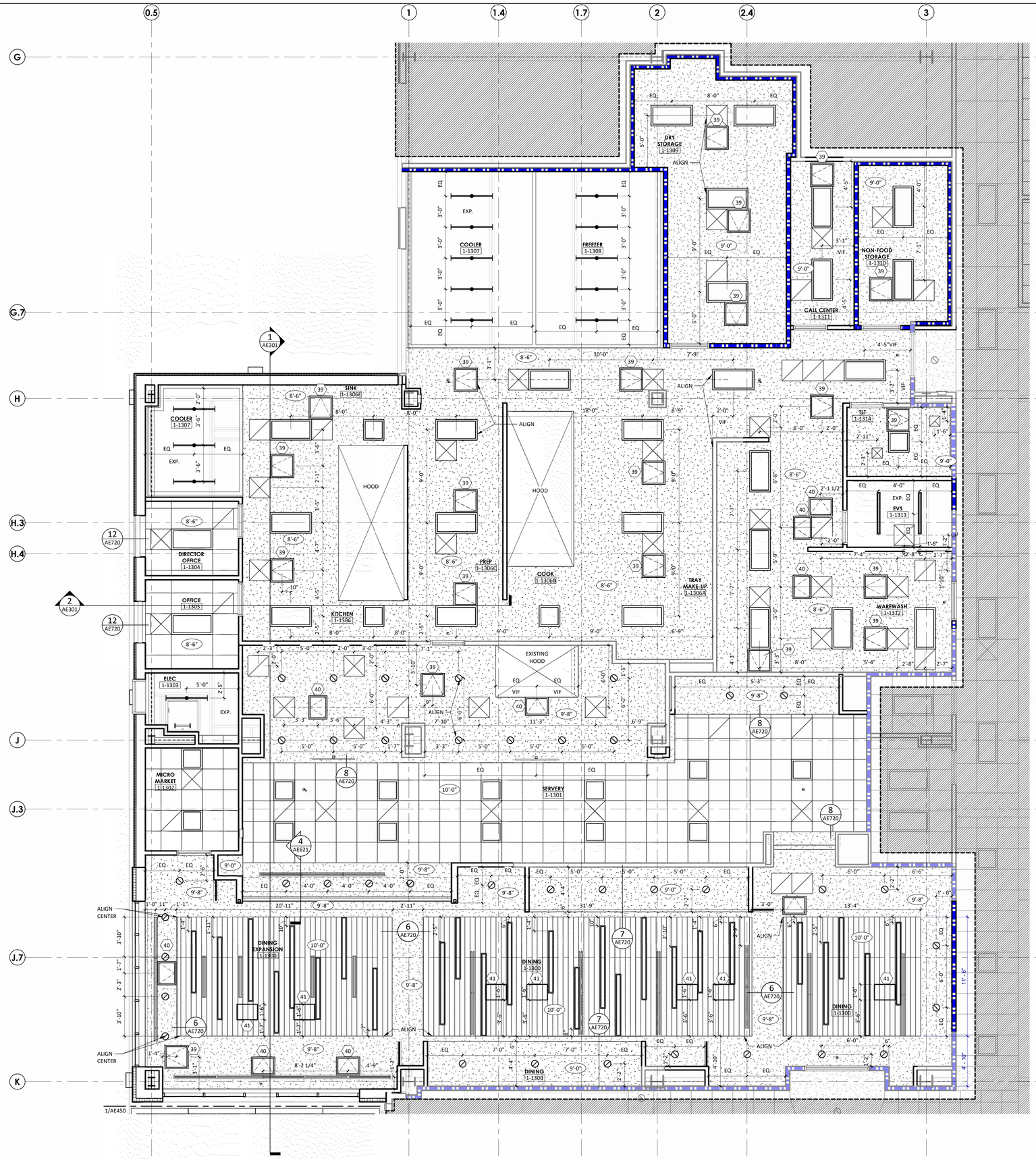


1 ENLARGED RCP - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING
1/4" = 1'-0"

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

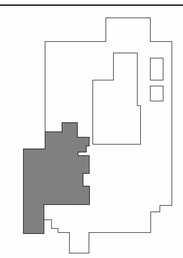
PARTITION LEGEND

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
39	2'-0" x 2'-0" RECESSED CEILING ACCESS PANEL, PAINTED TO MATCH CEILING COLOR.
40	1'-6" x 2'-0" RECESSED CEILING ACCESS PANEL, PAINTED TO MATCH CEILING COLOR.
41	1'-6" x 2'-0" RECESSED CEILING ACCESS PANEL AS PART OF THE WOOD PANELED CEILING SYSTEM.

KEY PLAN



LEVEL 1 - KEYPLAN

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2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

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AGENCY APPROVALS:
AGENCY

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REFLECTED CEILING PLAN - LEVEL 1 - SECTOR A - KITCHEN, SERVERY & DINING

AE181A

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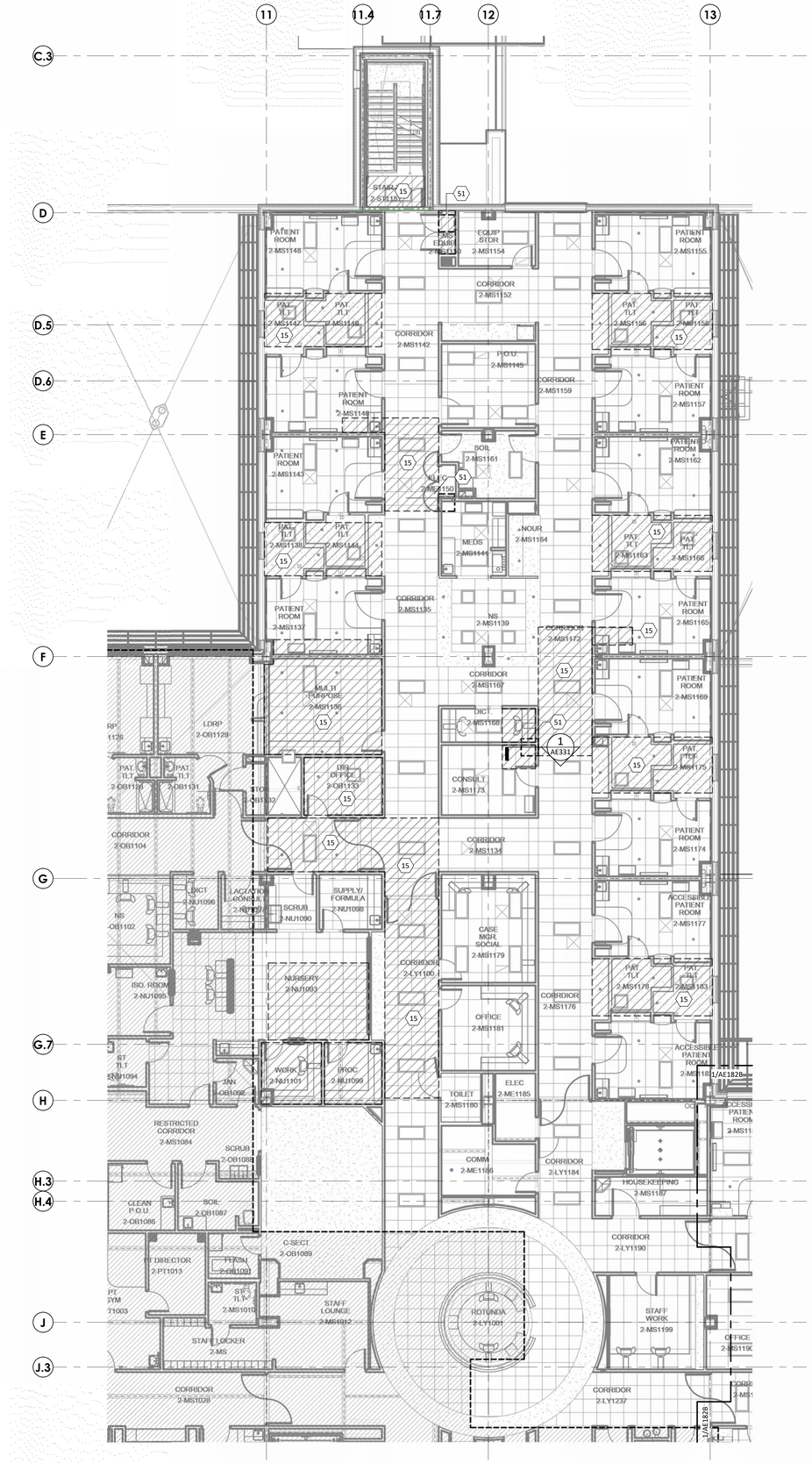

1 REFLECTED CEILING PLAN - LEVEL 2 - SECTOR A - EXISTING MEDSURG
1/8" = 1'-0"

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.
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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
15	REMOVE/PATCH & REPAIR EXISTING CEILING AS REQUIRED FOR RELOCATED SANITARY VENT LINE UP THROUGH LEVEL 3.
51	FIRE-RATED DUCT SHAFT/CHASE ABOVE CEILING.

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REFLECTED CEILING PLAN - LEVEL 2 - SECTOR A - EXISTING MEDSURG

AE182A

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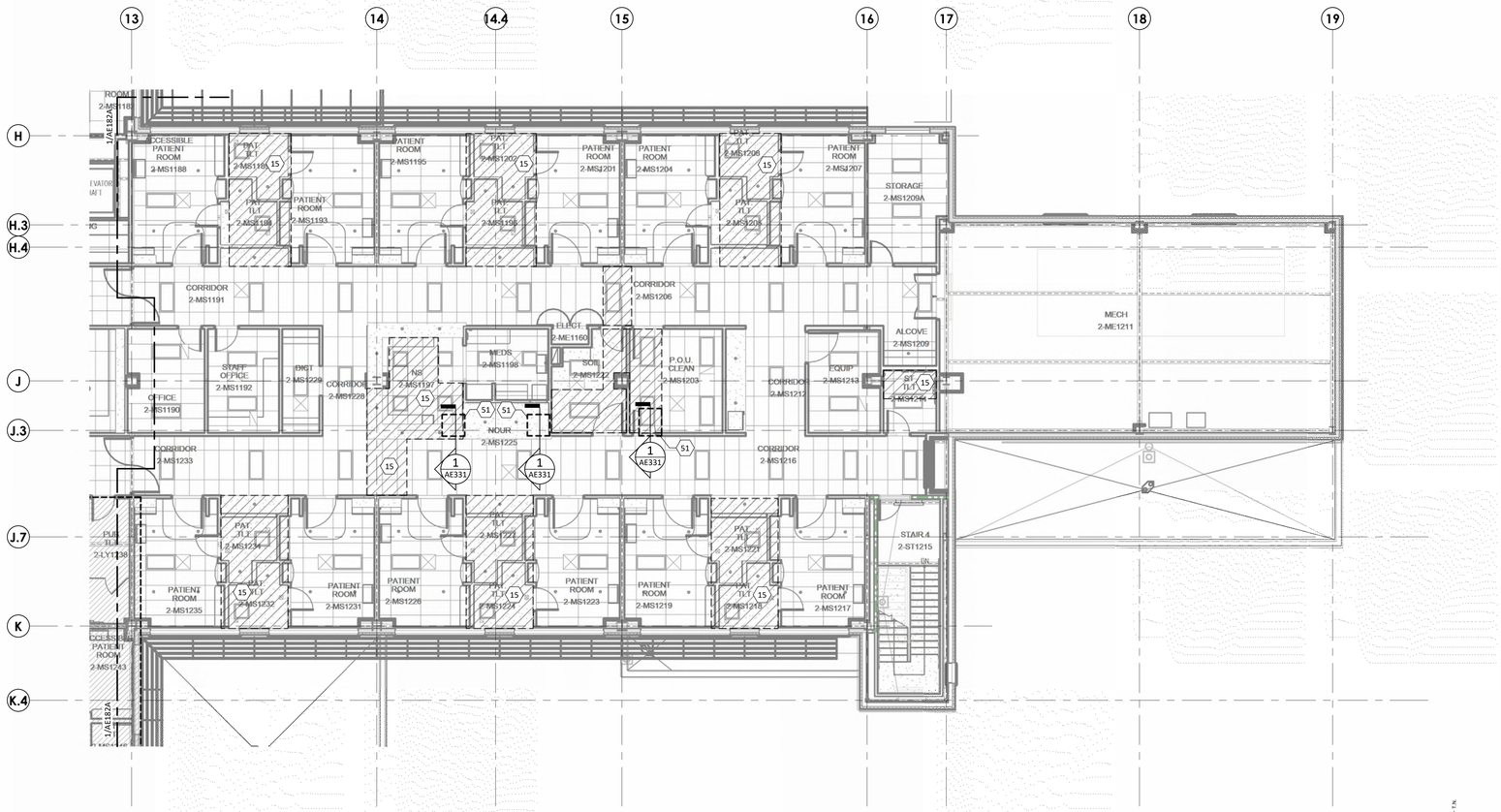


1 REFLECTED CEILING PLAN - LEVEL 2 - SECTOR B - EXISTING MEDSURG

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

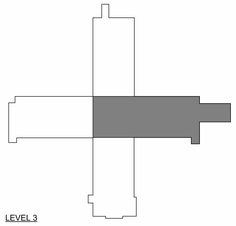
EXISTING	NEW	
		2 X 2 ACOUSTICAL CEILING GRID SYSTEM
		2 X 4 ACOUSTICAL CEILING GRID SYSTEM
		GYPSUM BOARD
		RECESSED FLUORESCENT / LED FIXTURE
		SURFACE MOUNT FLUORESCENT / LED FIXTURE
		FLUORESCENT / LED STRIP LIGHT
		LINEAR PENDENT LIGHT
		RECESSED DOWNLIGHT
		EMERGENCY EXIT SIGN
		UNDER CABINET LIGHT
		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
15	REMOVE/PATCH & REPAIR EXISTING CEILING AS REQUIRED FOR RELOCATED SANITARY VENT LINE UP THROUGH LEVEL 3.
51	FIRE-RATED DUCT SHAFT/CHASE ABOVE CEILING.



LEVEL 3

Devenney GROUP

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Consultant:

STATE OF MISSOURI
DUDLEY G. CAMPBELL
NUMBER A-2021002749

DATE SIGNED: 12.05.24

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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

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

REFLECTED CEILING PLAN - LEVEL 2 - SECTOR B - EXISTING MEDSURG

AE182B

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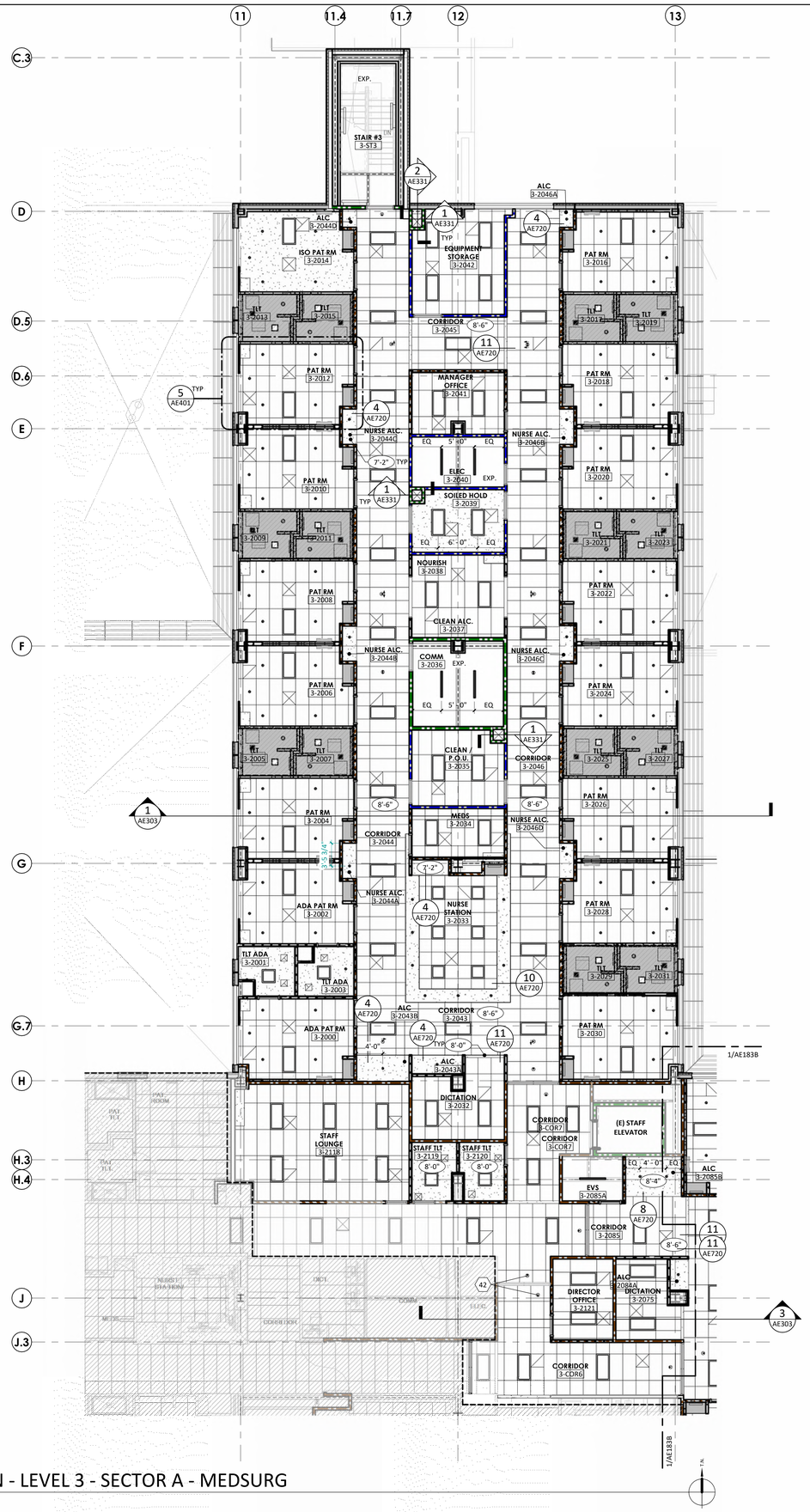

1 REFLECTED CEILING PLAN - LEVEL 3 - SECTOR A - MEDSURG
1/8" = 1'-0"

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.
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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

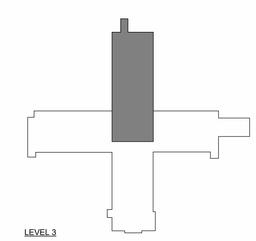
PARTITION LEGEND

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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REFLECTED CEILING PLAN - LEVEL 3 - SECTOR A - MEDSURG

AE183A

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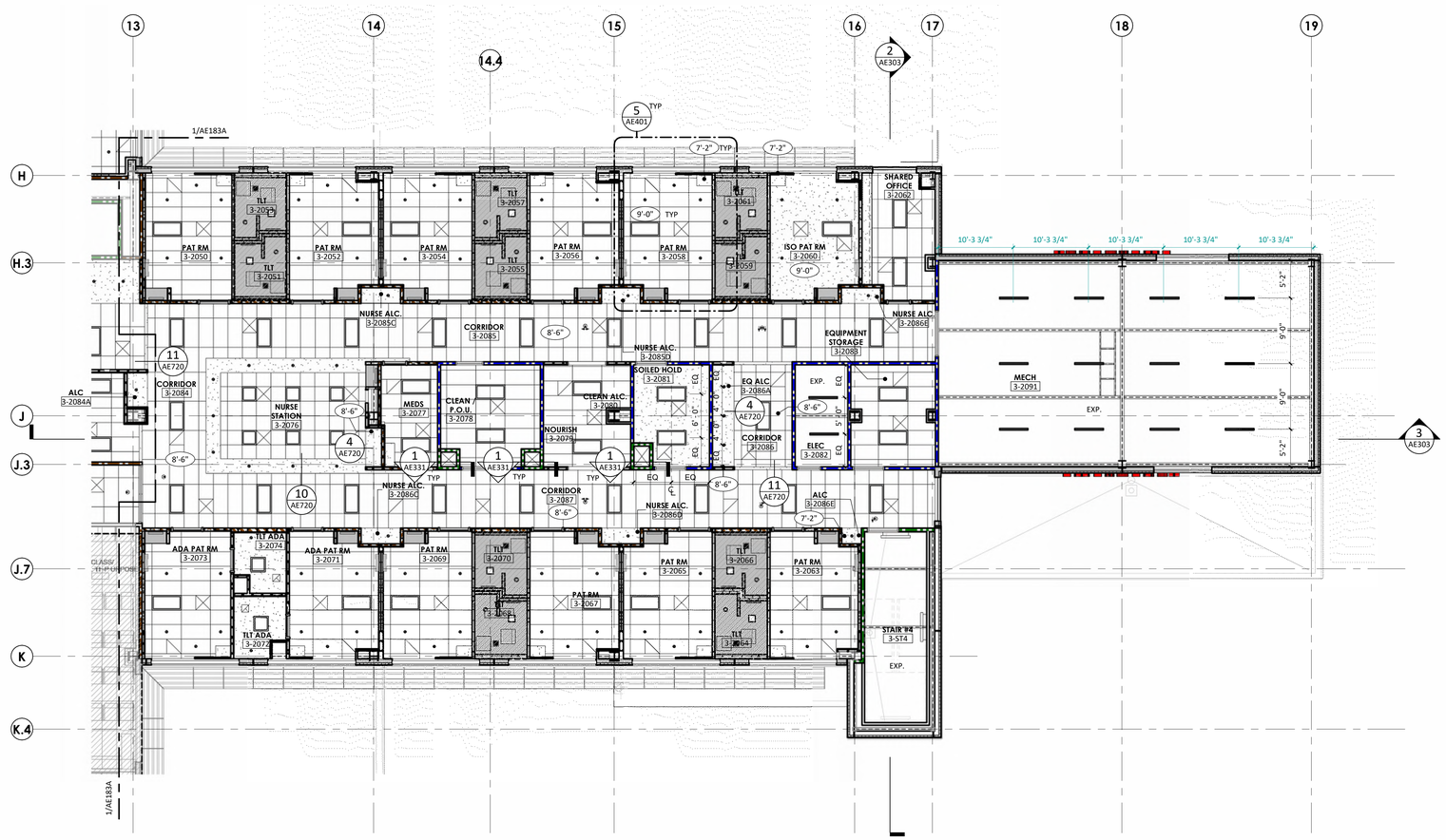

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		RETURN AIR GRILLE
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EXISTING	NEW	
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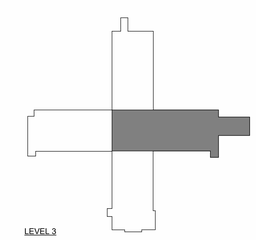
		SMOKE PARTITION
		1-HOUR FIRE PARTITION
		LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

KEYNOTE LEGEND

KEY	NOTE

KEY PLAN



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REFLECTED CEILING PLAN - LEVEL 3 - SECTOR B - MEDSURG

AE183B

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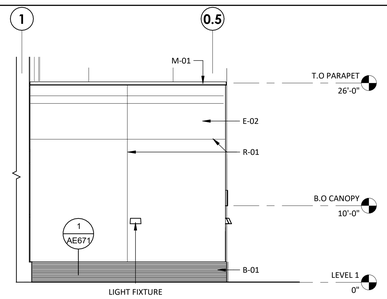
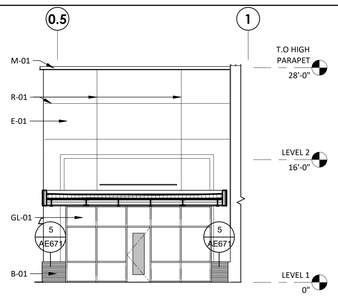
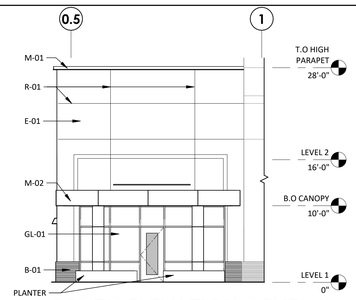


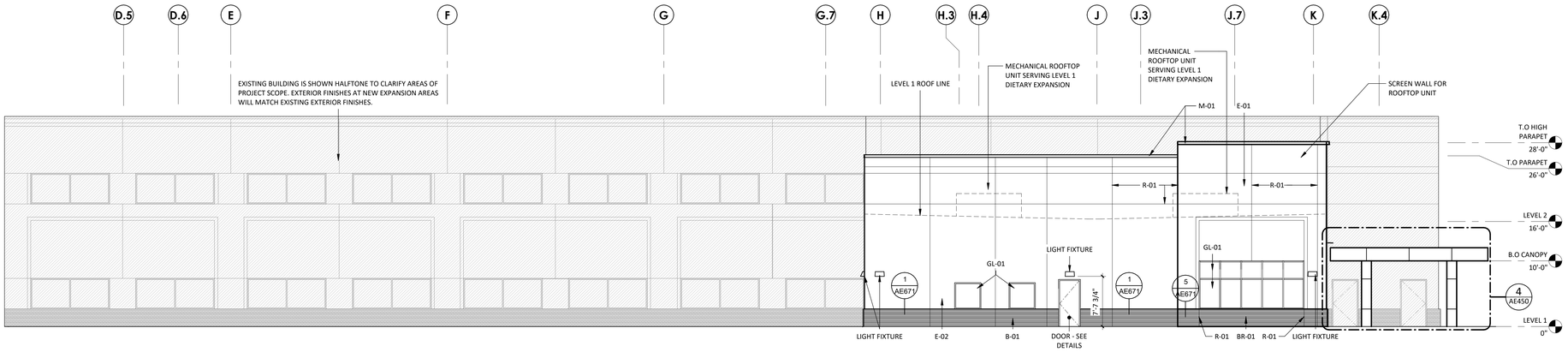
1 NORTH ELEVATION - LEVEL 1 - DIETARY.
1/8" = 1'-0"



2 SOUTH ELEVATION- LEVEL 1 - DIETARY.
1/8" = 1'-0"



3 SOUTH ELEVATION- LEVEL 1 - DIETARY CANOPY.
1/8" = 1'-0"



4 WEST ELEVATION - LEVEL 1 - DIETARY.
1/8" = 1'-0"

6 DIETARY EXPANSION - WEST VIEW

5 OUTDOOR DINING VIEW

MATERIAL LEGEND

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

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

E-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 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

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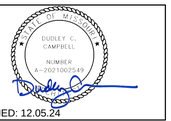

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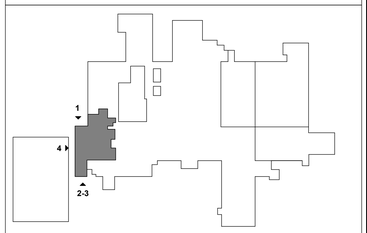
KEYPLAN



EXTERIOR BUILDING ELEVATIONS - DIETARY

AE201

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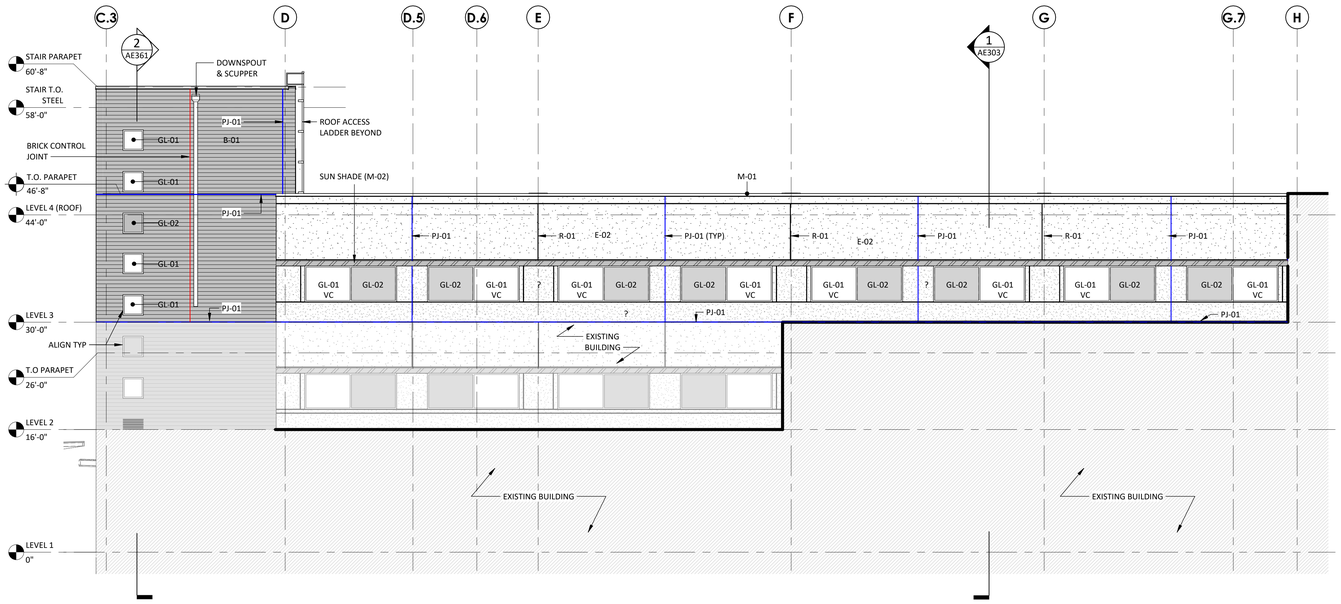
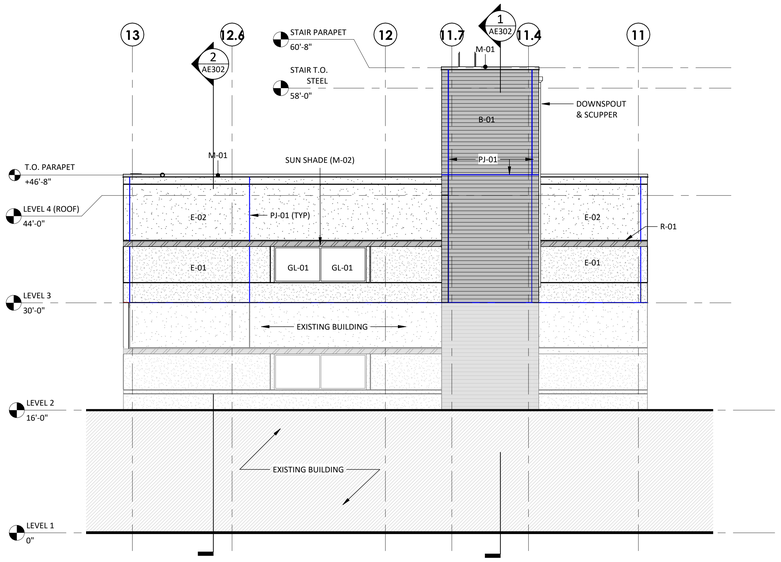
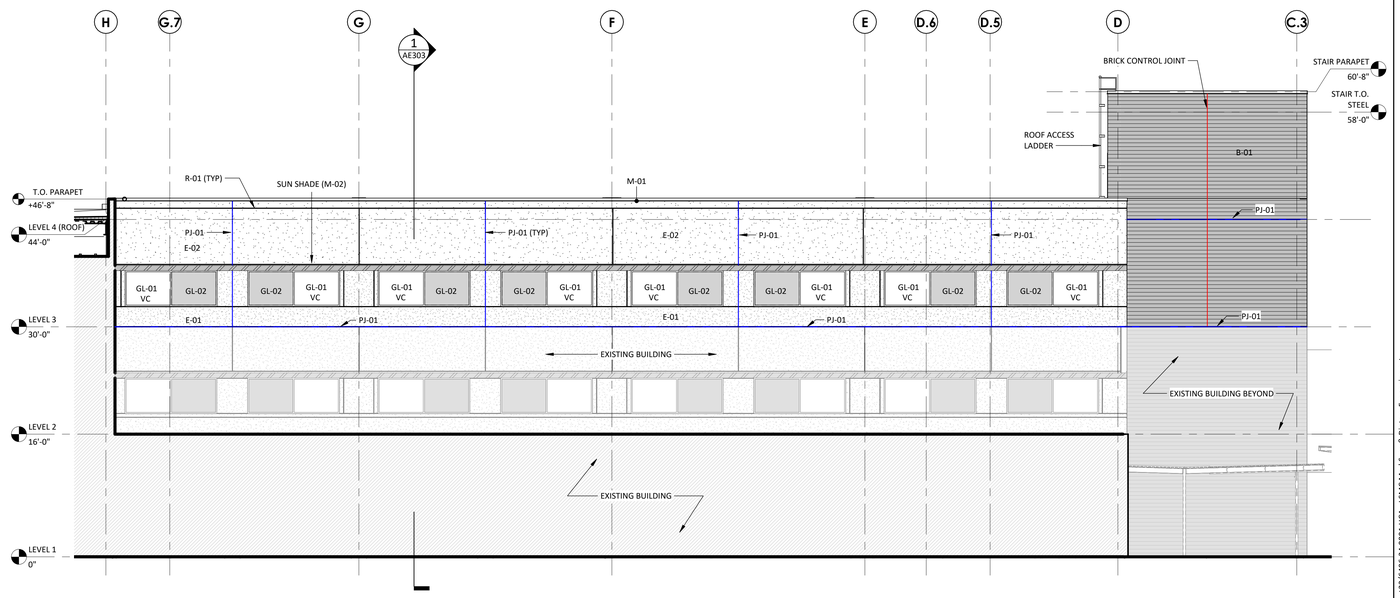


1 WEST ELEVATION - MED SURG (16-BED UNIT)
1/8" = 1'-0"



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
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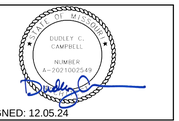

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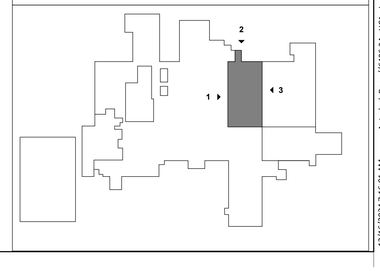
REV #	DESCRIPTION	DATE

KEYPLAN

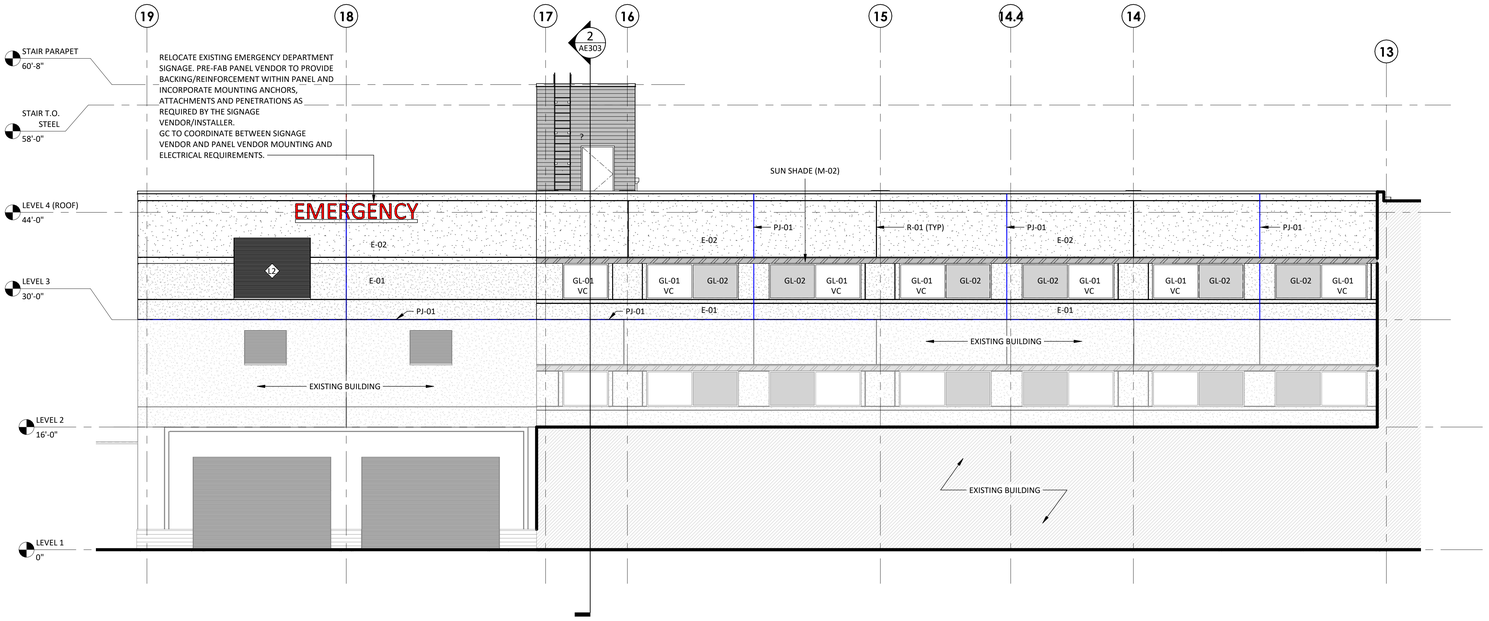


DATE:	2024/12/05
SCALE:	1/8" = 1'-0"
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

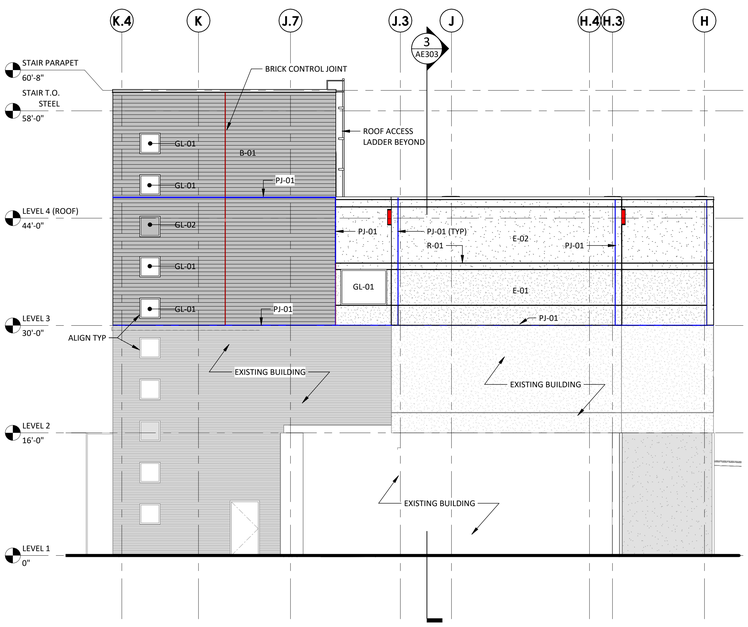
EXTERIOR BUILDING
ELEVATIONS - MED/SURG

AE202

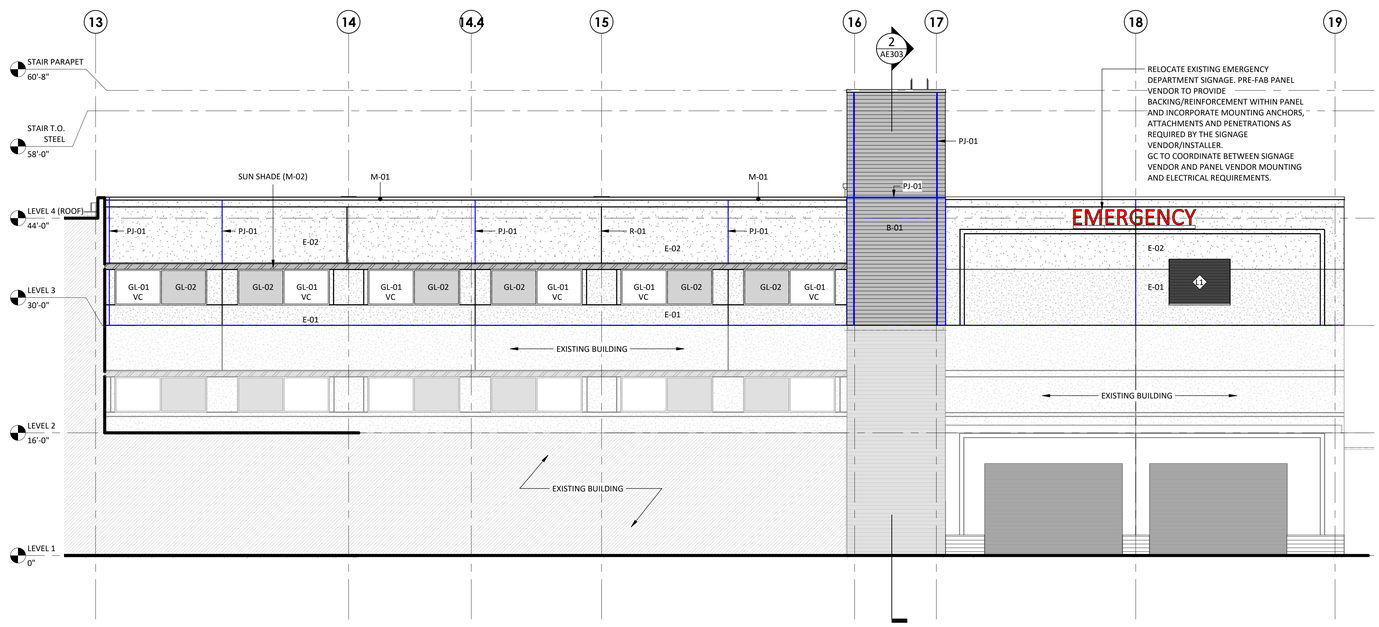
Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt
12/16/2024 7:16:01 AM



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

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 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

Devenney GROUP

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Scottsdale, AZ 85251

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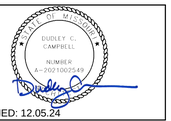

DATE SIGNED: 12.05.24

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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

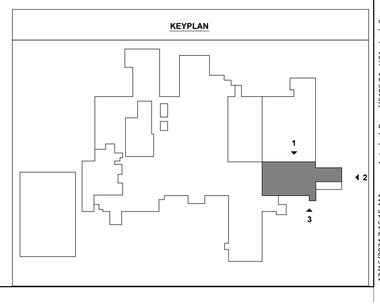
AGENCY APPROVALS:
AGENCY

REVISIONS

REV #	DESCRIPTION	DATE

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

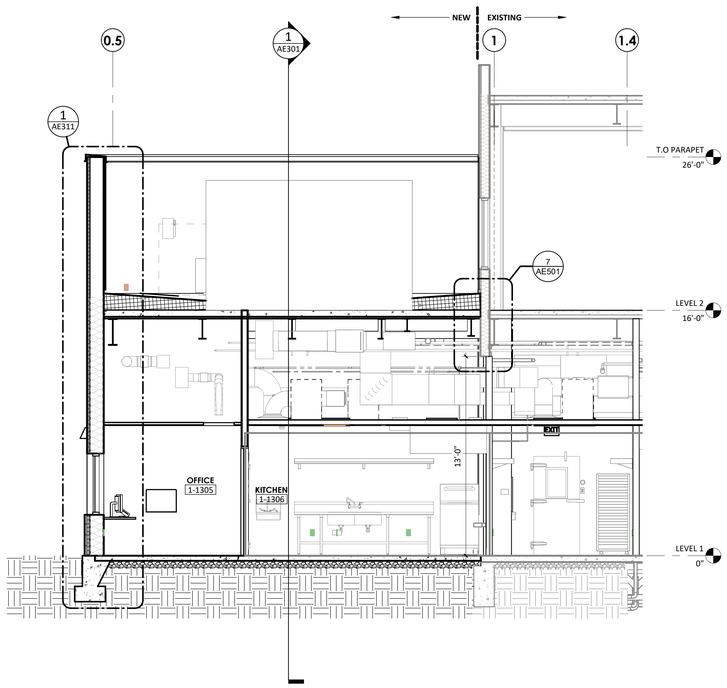
KEYPLAN



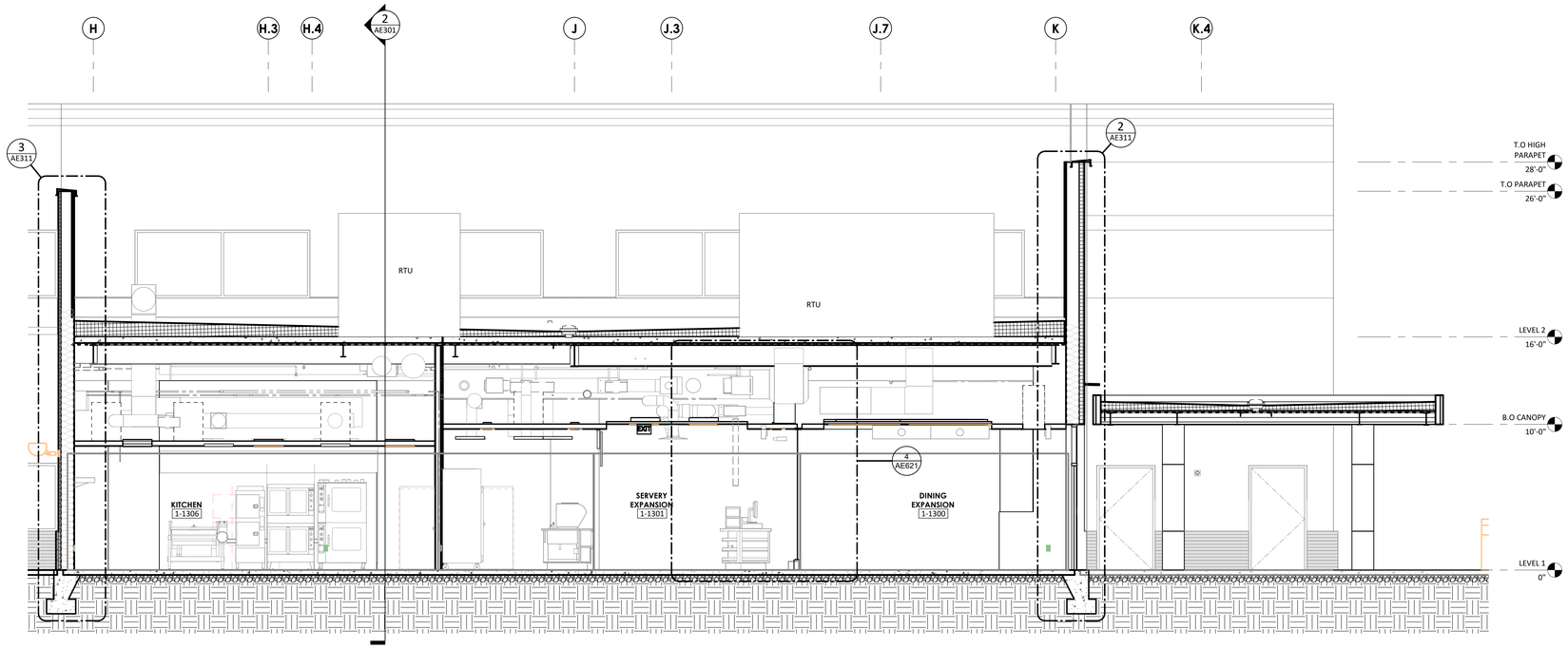
EXTERIOR BUILDING ELEVATIONS - MED/SURG

AE203

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt
12/16/2024 7:16:15 AM



2 DIETARY EXPANSION SECTION 2
1/4" = 1'-0"



1 DIETARY EXPANSION SECTION 1
1/4" = 1'-0"

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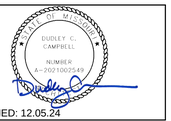

DATE SIGNED: 12.05.24

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MED SURG & DIETARY EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

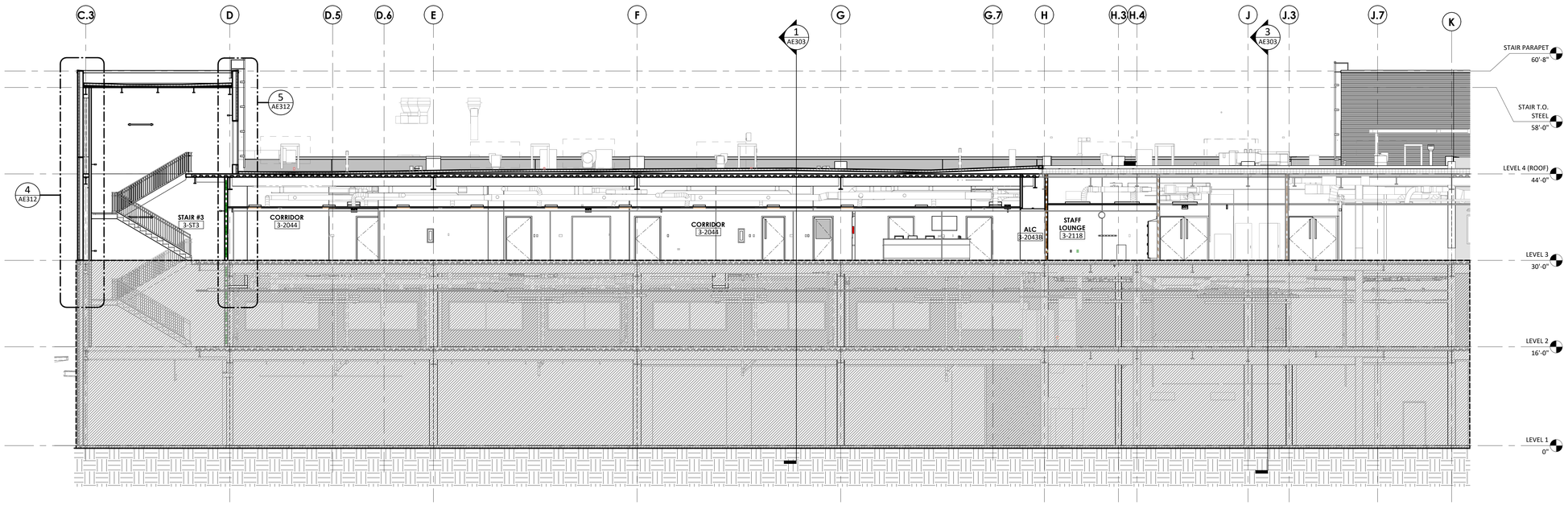
REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1/4" = 1'-0"
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

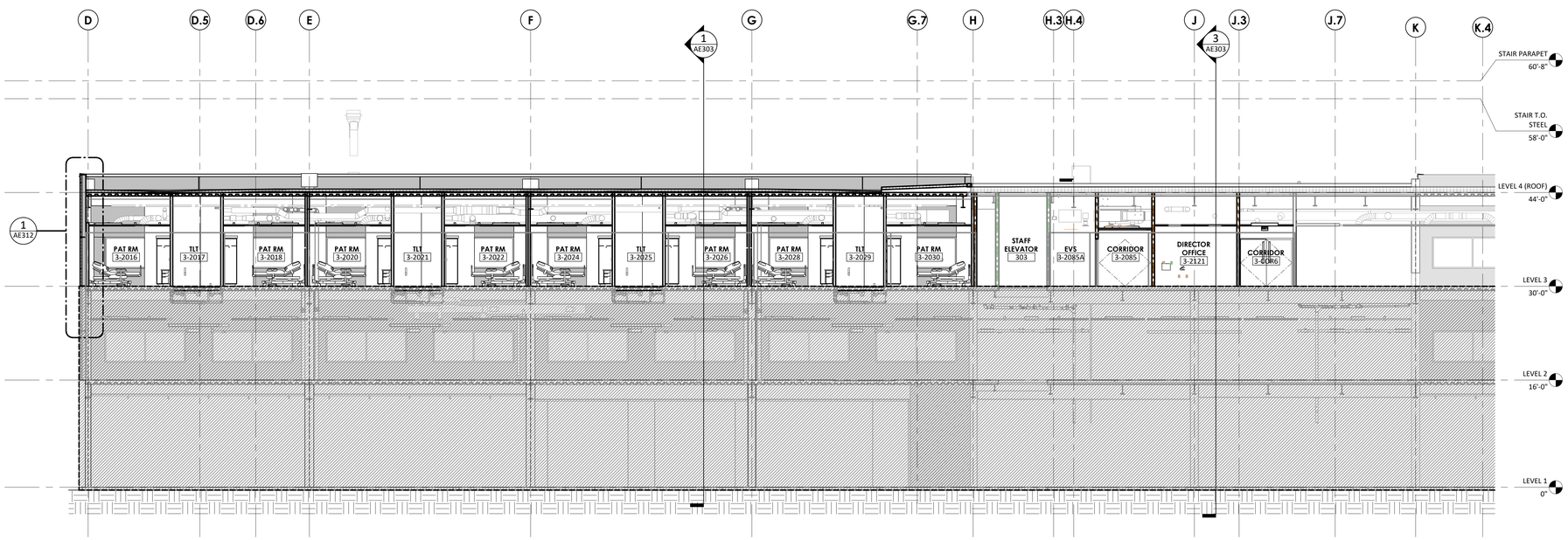
BUILDING SECTIONS - DIETARY

AE301

12/16/2024 7:16:21 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



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



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

Devenney GROUP

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Consultant:

STATE OF MISSOURI
DUDLEY G. CAMPBELL
NUMBER
A-2001002489

DATE SIGNED: 12.05.24

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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

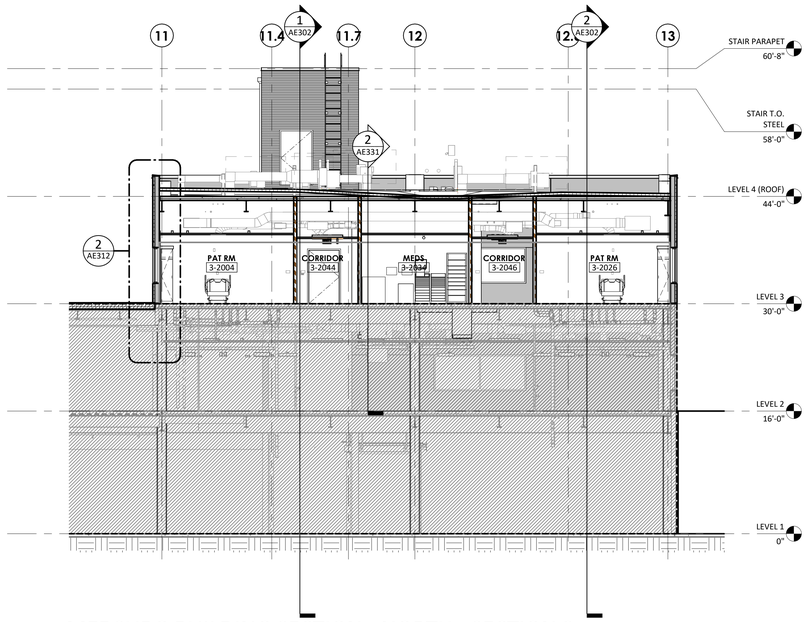
REVISIONS		
REV #	DESCRIPTION	DATE

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

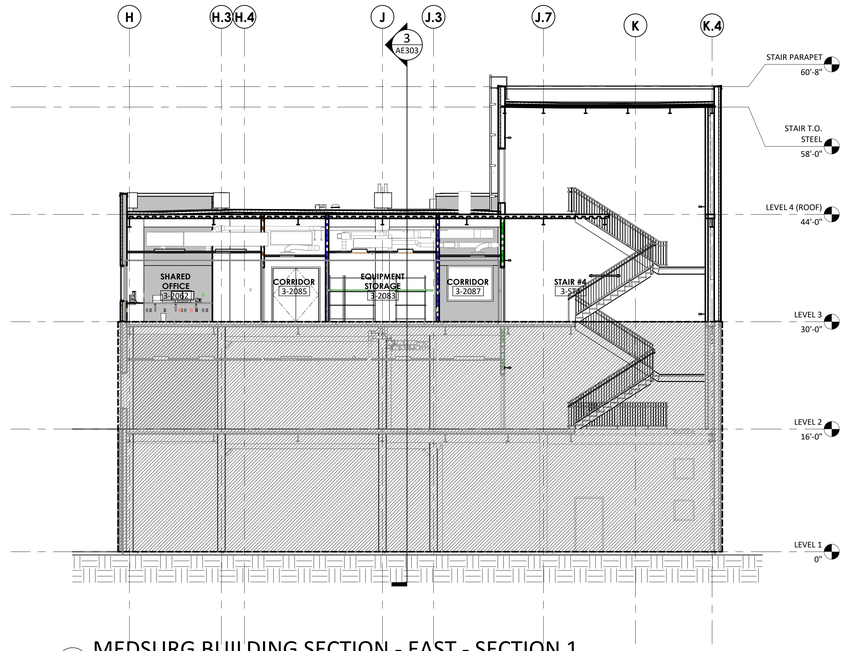
BUILDING SECTIONS - MED/SURG

AE302

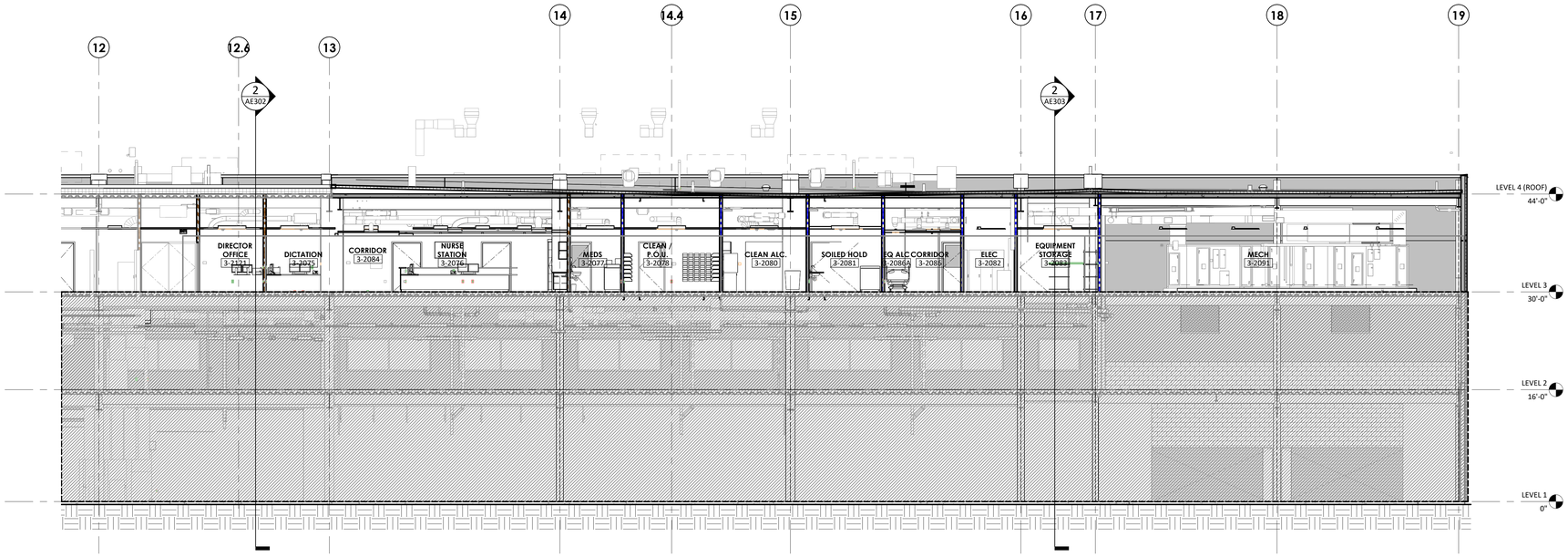
12/16/2024 7:16:49 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



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



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



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

Devenney GROUP

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002489

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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

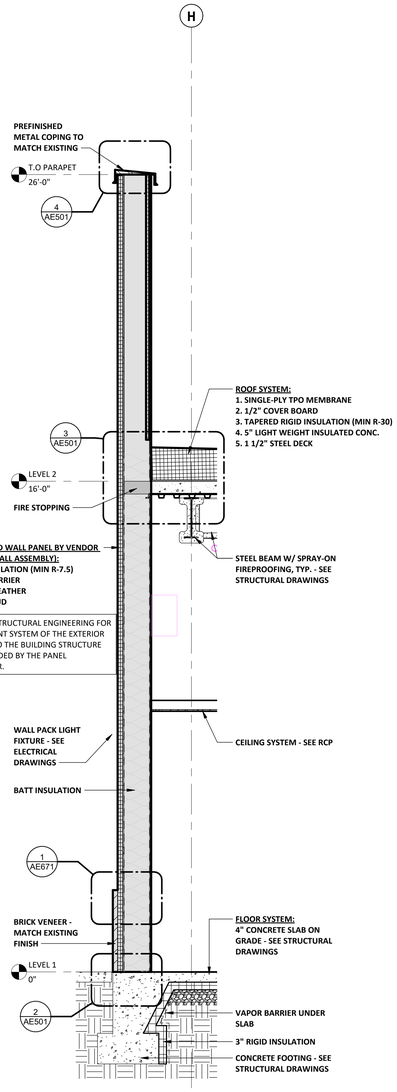
REVISIONS		
REV #	DESCRIPTION	DATE

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

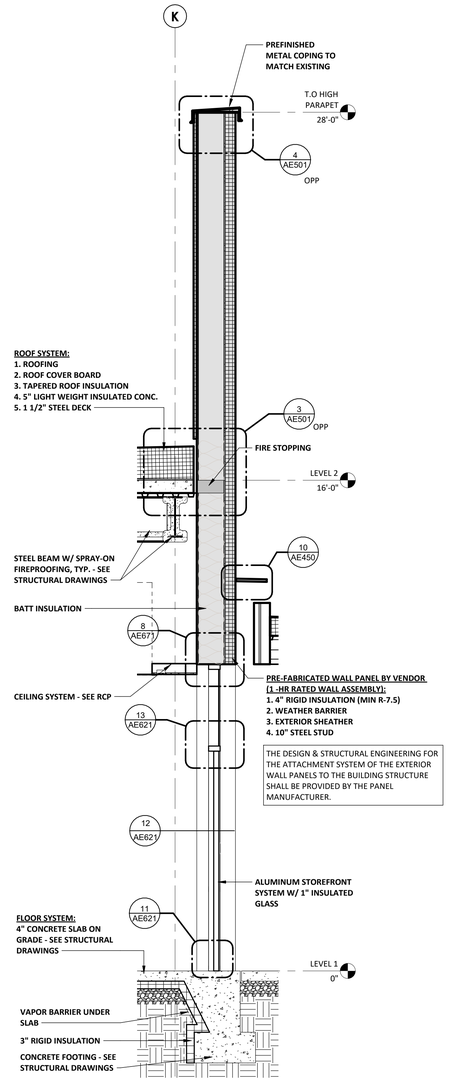
BUILDING SECTIONS - MED/SURG

AE303

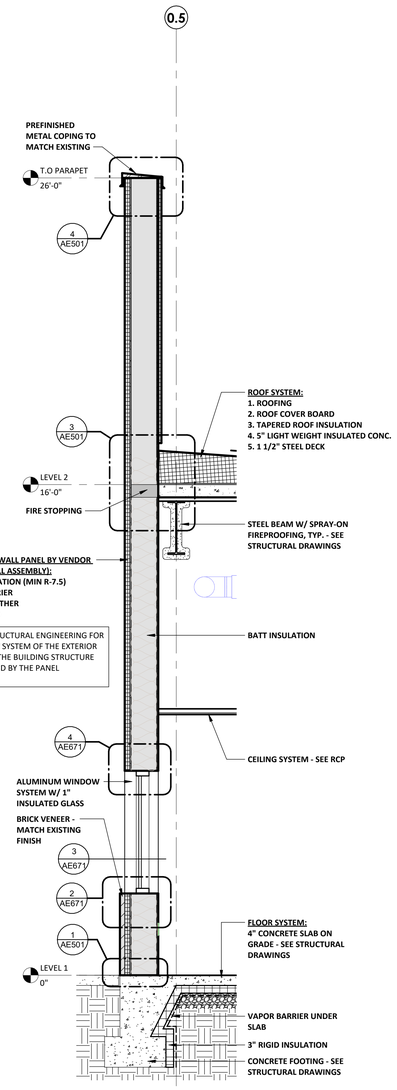
12/16/2024 7:17:15 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



3 DIETARY WALL SECTION 3
1/2" = 1'-0"



2 DIETARY WALL SECTION 2
1/2" = 1'-0"



1 DIETARY WALL SECTION 1
1/2" = 1'-0"

Devenney GROUP

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Consultant:

STATE OF MISSOURI
DUDLEY G. CAMPBELL
NUMBER A-2021002549

DATE SIGNED: 12.05.24

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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

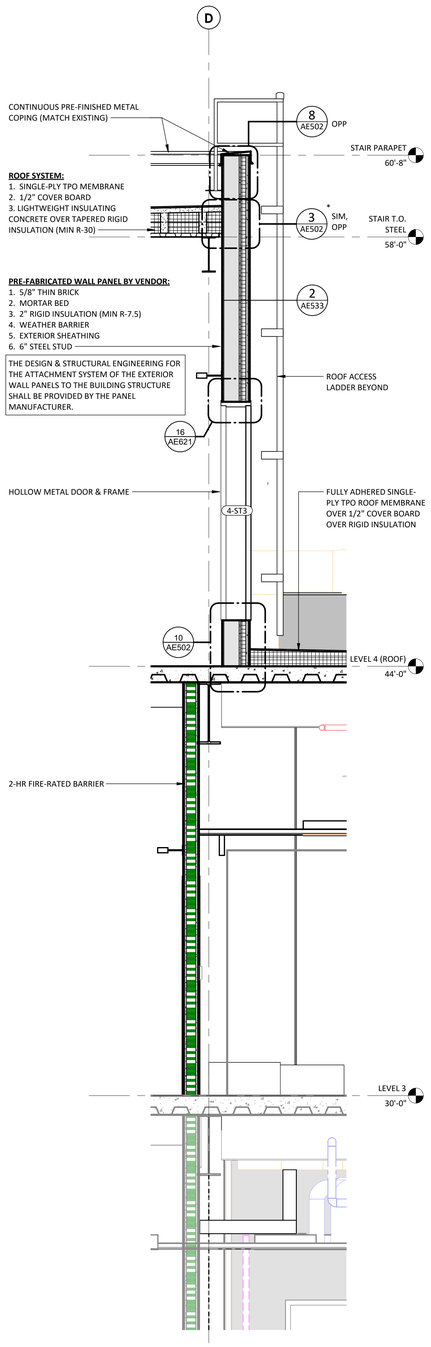
REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1/2" = 1'-0"
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

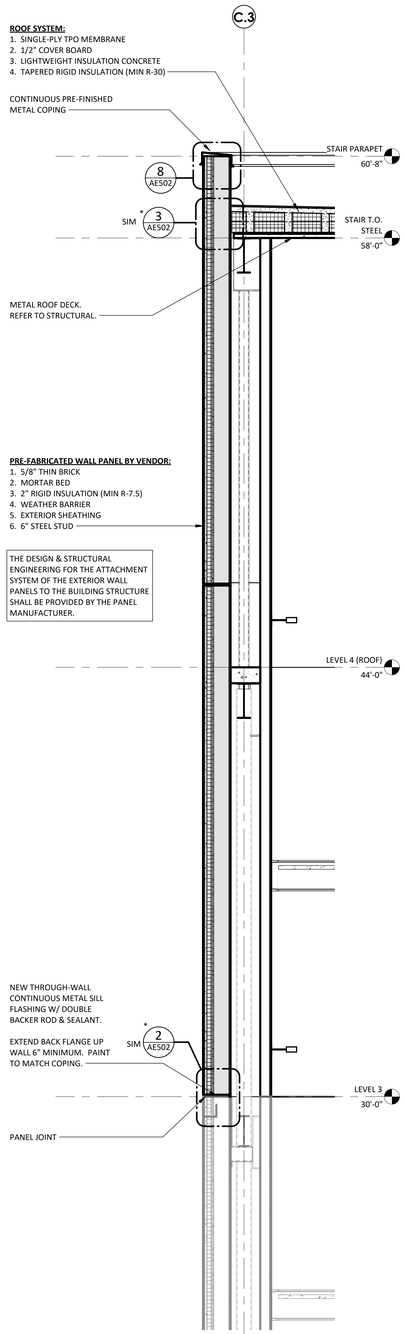
EXTERIOR WALL SECTIONS - DIETARY

AE311

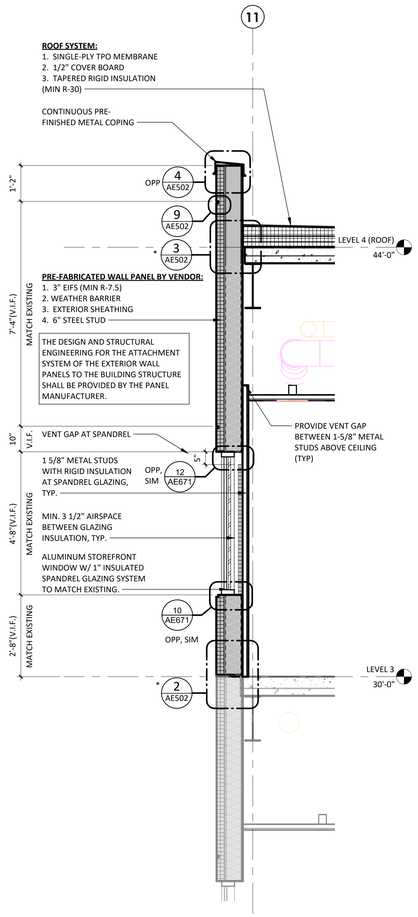
12/16/2024 7:17:19 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



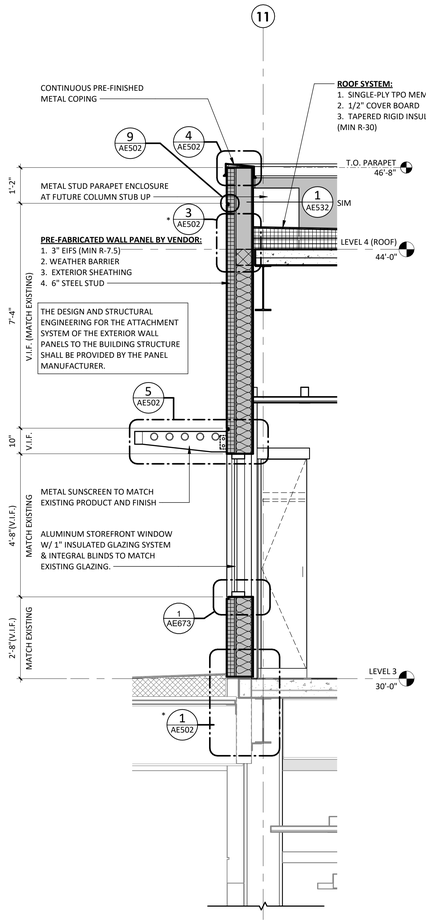
5 WALL SECTION AT STAIR 3 AT ROOF
1/2" = 1'-0"



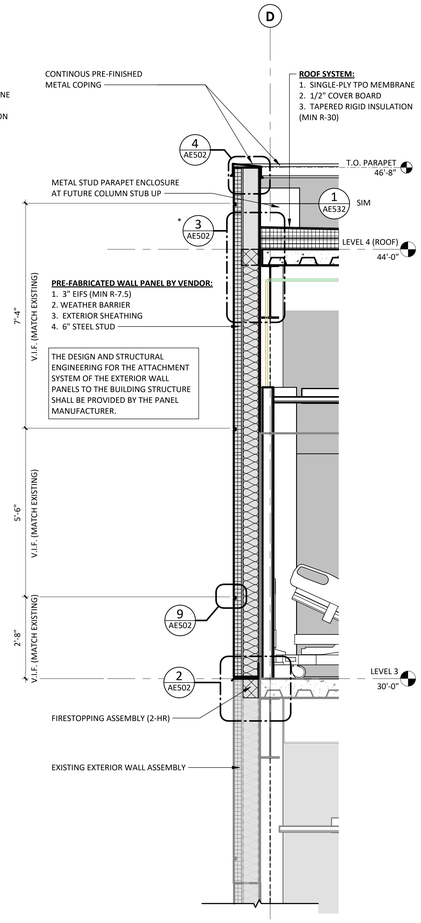
4 WALL SECTION AT STAIR W/ THIN BRICK
1/2" = 1'-0"



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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Consultant:

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DUDLEY G. CAMPBELL
NUMBER A-2021002749

DATE SIGNED: 12.05.24

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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

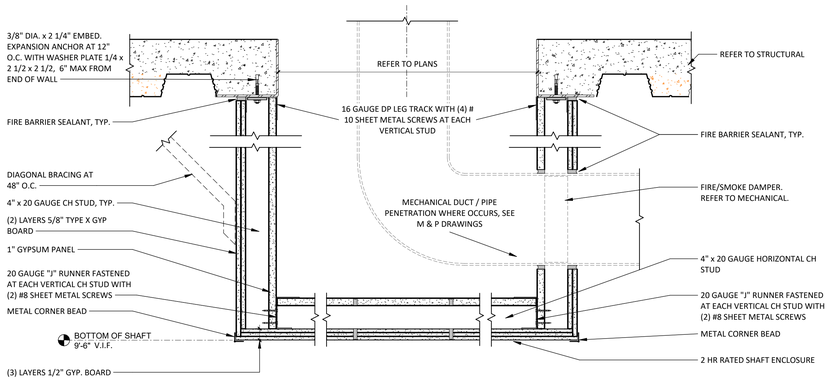
REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1/2" = 1'-0"
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

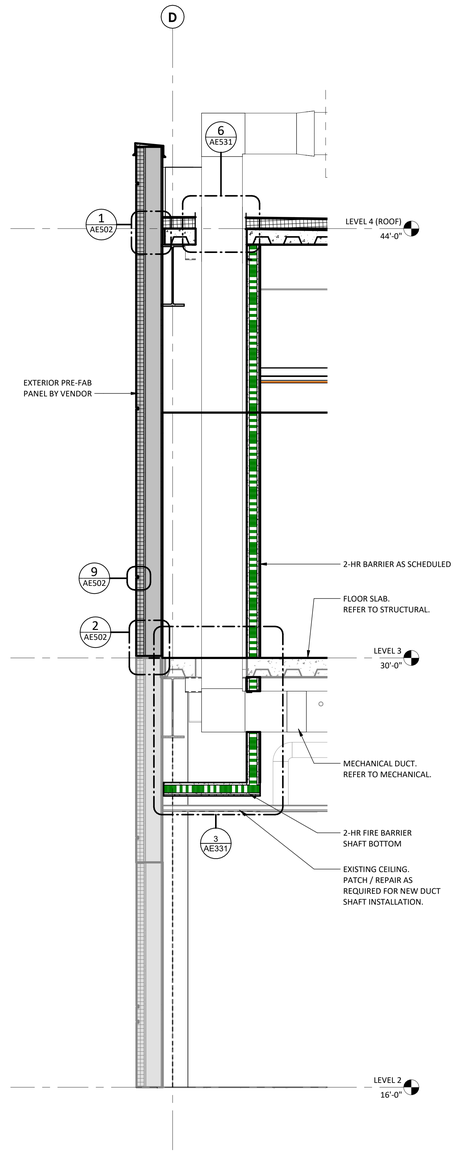
EXTERIOR WALL SECTIONS - MED/SURG

AE312

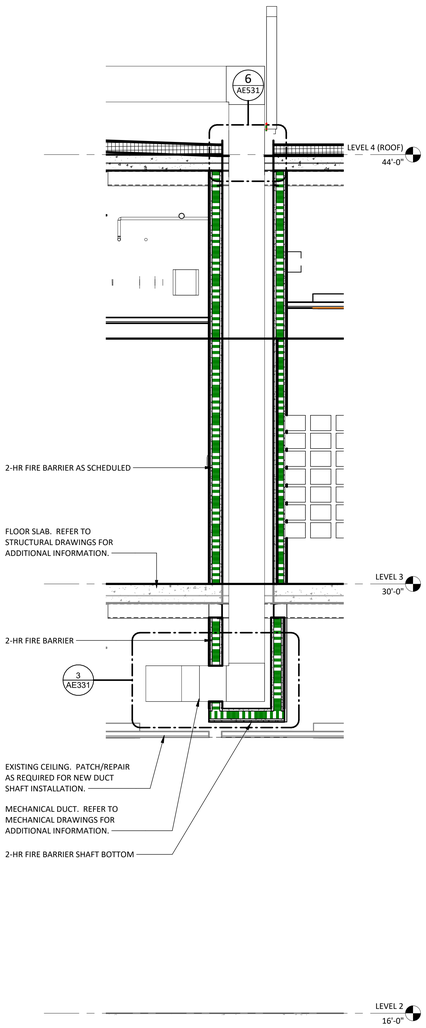
Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt
12/16/2024 7:17:26 AM



3 BOTTOM OF 2HR DUCT SHAFT
1 1/2" = 1'-0"



2 WALL SECTION AT 2-HR FIRE RATED DUCT SHAFT ENCLOSURE AT EXTERIOR WALL
1/2" = 1'-0"



1 WALL SECTION AT 2-HR FIRE RATED DUCT SHAFT ENCLOSURE (TYP)
1/2" = 1'-0"

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

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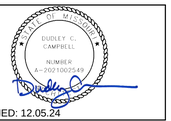

DATE SIGNED: 12.05.24

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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

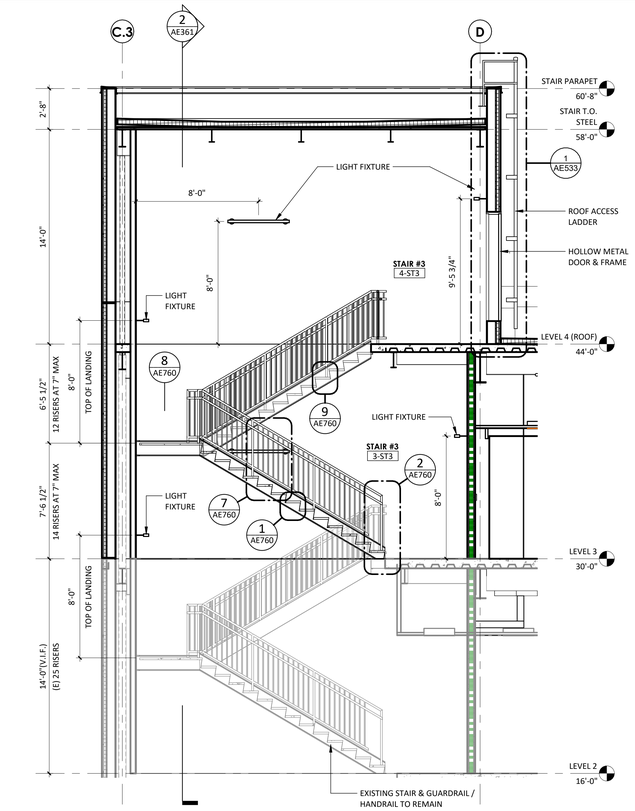
REVISIONS		
REV #	DESCRIPTION	DATE

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

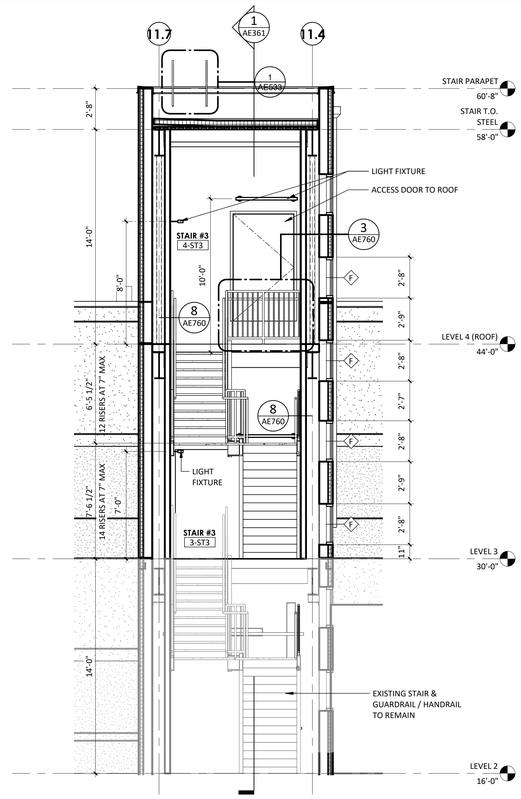
INTERIOR SHAFT WALL SECTIONS & DETAILS

AE331

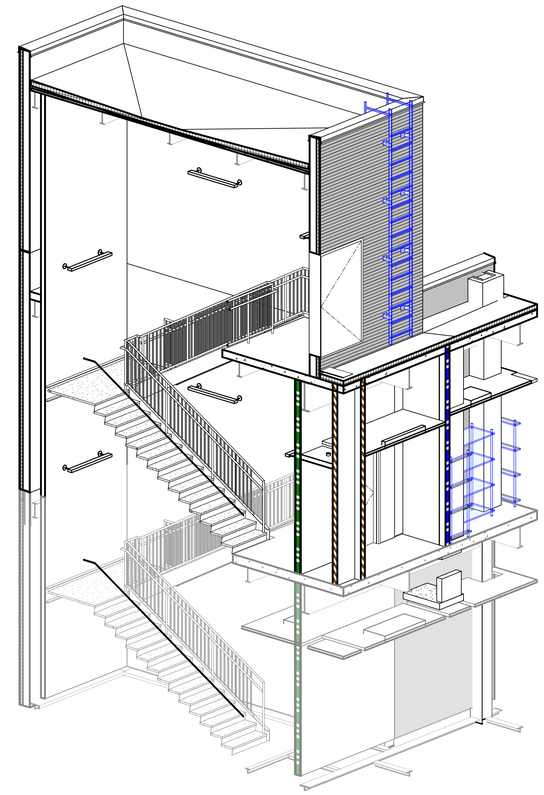
12/16/2024 7:17:36 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



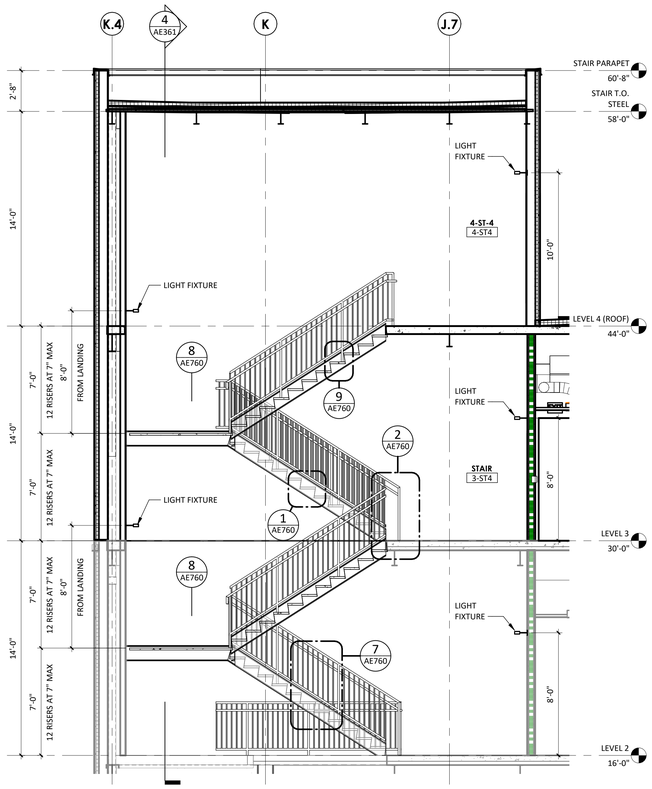
1 STAIR 3 SECTION - EAST - SECTION 1
1/4" = 1'-0"



2 STAIR 3 SECTION - NORTH - SECTION 2
1/4" = 1'-0"



5 STAIR 3 - ISOMETRIC VIEW



3 STAIR 4 SECTION - WEST - SECTION 1
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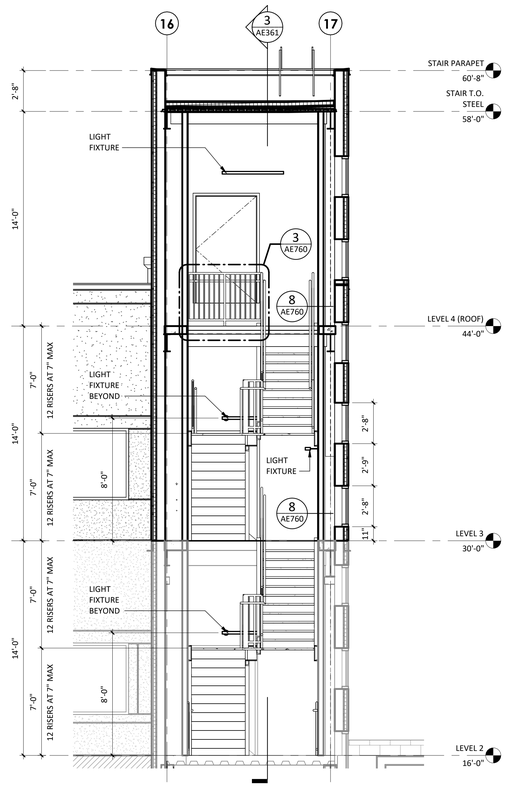
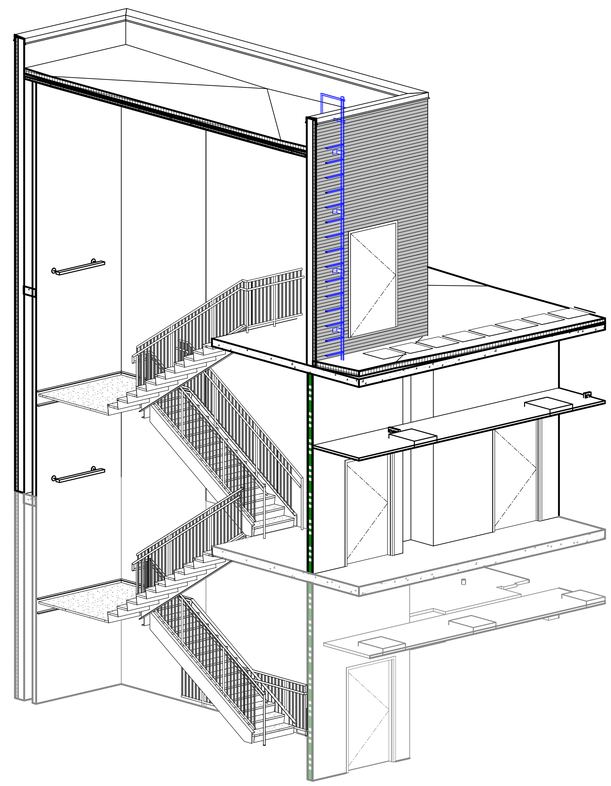


4 STAIR 4 SECTION - SOUTH - SECTION 2
1/4" = 1'-0"



6 STAIR 4 - ISOMETRIC VIEW

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002489

DATE SIGNED: 12.05.24

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REVISIONS

REV #	DESCRIPTION	DATE

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SCALE:	1/4" = 1'-0"
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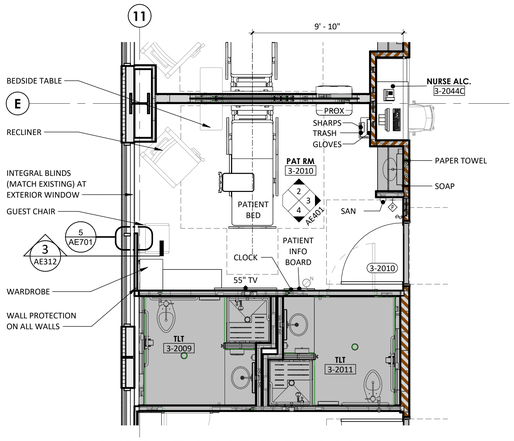
REVIEWED:	
JOB NUMBER:	6406.24

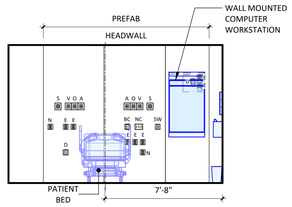
STAIR WALL SECTIONS

AE361

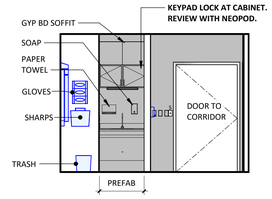
12/16/2024 7:18:00 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



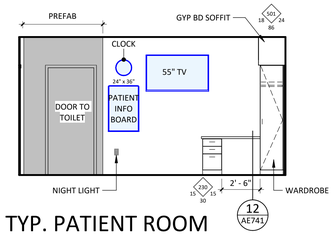
1 MED SURG - TYP PATIENT ROOM
1/4" = 1'-0"



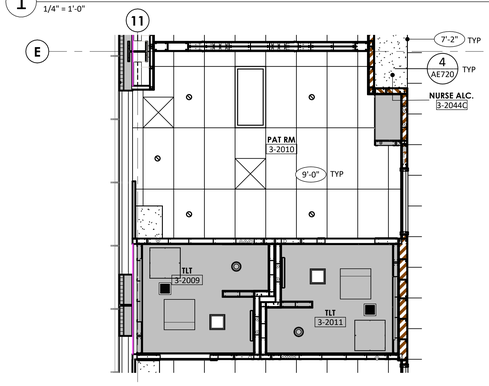
2 TYP. PATIENT ROOM HEADWALL - A
1/4" = 1'-0"



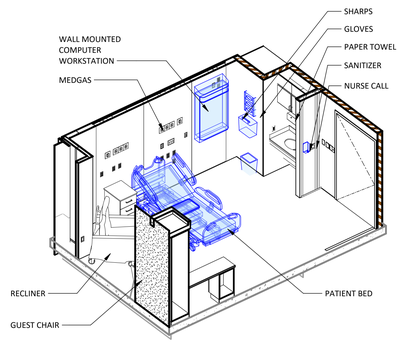
3 TYP. PATIENT ROOM - B
1/4" = 1'-0"



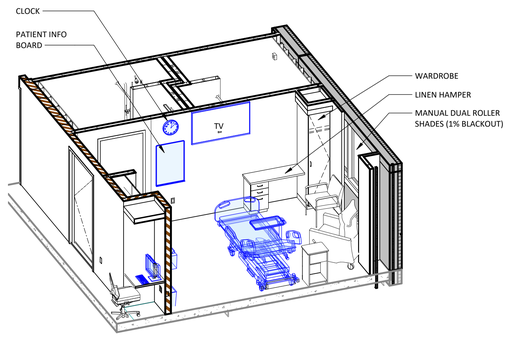
4 TYP. PATIENT ROOM FOOTWALL - C
1/4" = 1'-0"



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



6 AXO - PATIENT ROOM - HEADWALL



7 AXO - PATIENT ROOM - FOOTWALL

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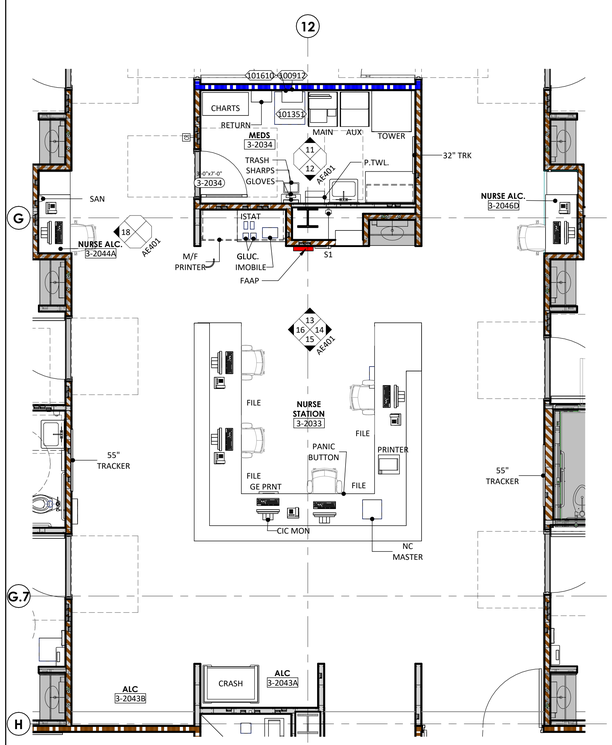
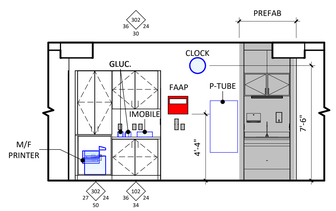
6. PROVIDE COUNTERTOP SUPPORTS AT OPEN KNEESPACE LOCATION. INSTALL AT 32" ON CENTER MAXIMUM.

OFCI EQUIPMENT SCHEDULE

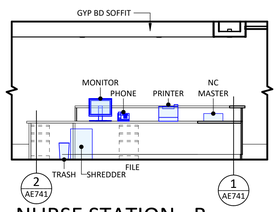
HCA EQUIP NO	ABBREV	DESCRIPTION	FURNISHED BY	INSTALLED BY
100912	CACTUS SINK	CACTUS SINK	OF	CI
101351	REF	UNDERCOUNDER REFRIGERATOR - MEDS	OF	CI
101475	REF	REFIGERATOR -SIDE BY SIDE	OF	CI
101534	MICRO	MICROWAVE OVEN COUNTERTOP	OF	CI
101610	POWER ADAPTER	CACTUS SINK - POWER ADAPTER	OF	CI
101869	REF	REFIGERATOR 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



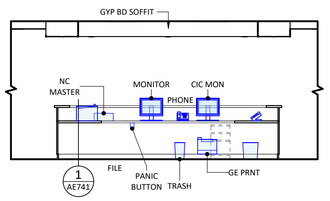
10 MED SURG - TYP NURSE STATION & MEDS
1/4" = 1'-0"



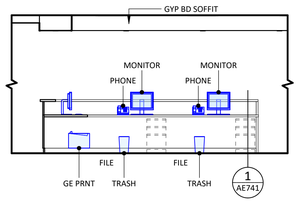
13 NURSE STATION - A
1/4" = 1'-0"



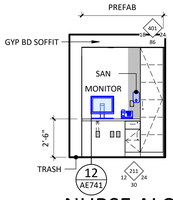
14 NURSE STATION - B
1/4" = 1'-0"



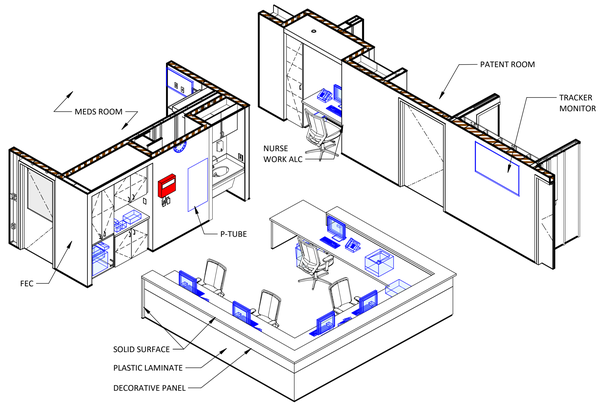
15 NURSE STATION - C
1/4" = 1'-0"



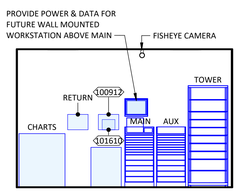
16 NURSE STATION - D
1/4" = 1'-0"



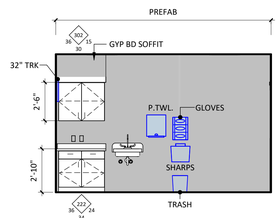
NURSE ALC - TYP
18 1/4" = 1'-0"



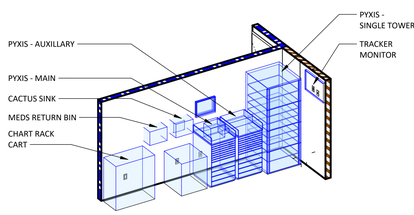
17 AXO - NURSE STATION



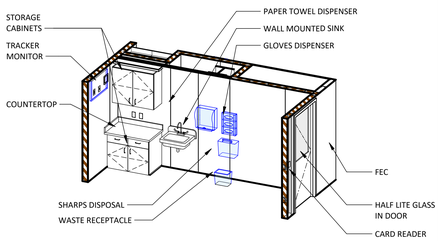
11 MEDS - A
1/4" = 1'-0"



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



19 AXO - MEDS



20 AXO - MEDS - SINKWALL

Devenney GROUP

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002749

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DATE:	2024/12/05
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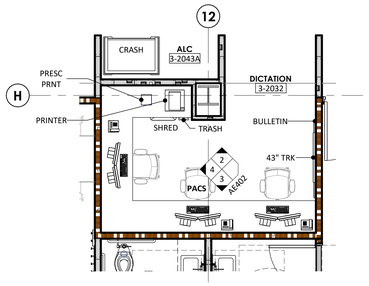
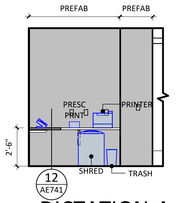
ENLARGED FLOOR PLANS - LEVEL 3 - MED SURG

AE401

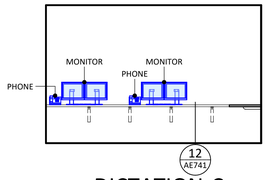
12/16/2024 7:19:44 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



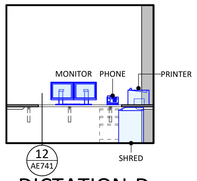
1 MED SURG - TYP. DICTATION
1/4" = 1'-0"



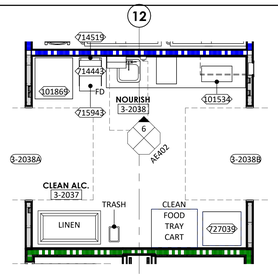
2 DICTATION-A
1/4" = 1'-0"



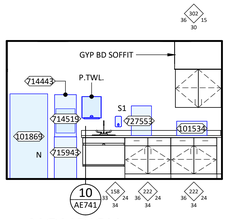
3 DICTATION-C
1/4" = 1'-0"



4 DICTATION-D
1/4" = 1'-0"



5 MED SURG - TYP NOURISH & CLEAN ALCOVE
1/4" = 1'-0"



6 NOURISH ALC. - A
1/4" = 1'-0"

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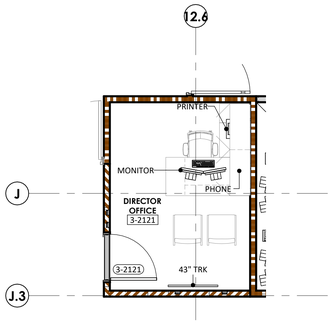
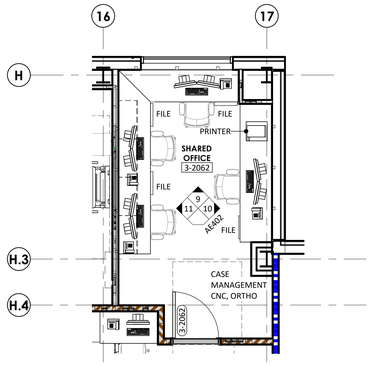
714443	ICE	ICE & WATER MAKER	OF	CI
714519	FILTER	WATER FILTER SYSTEM	OF	CI
715943	STAND	ICE/WATER DISPENSER STAND	OF	CI
727039	CAB	WARMING CABINET	OF	CI
727553	COFF	COFFEE MACHINE	OF	CI



7 MED SURG - TYP. OFFICE
1/4" = 1'-0"



8 MED SURG - SHARED OFFICE
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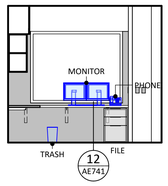

9 SHARED OFFICE - A
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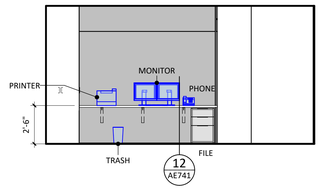

10 SHARED OFFICE - B
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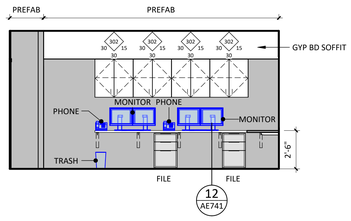
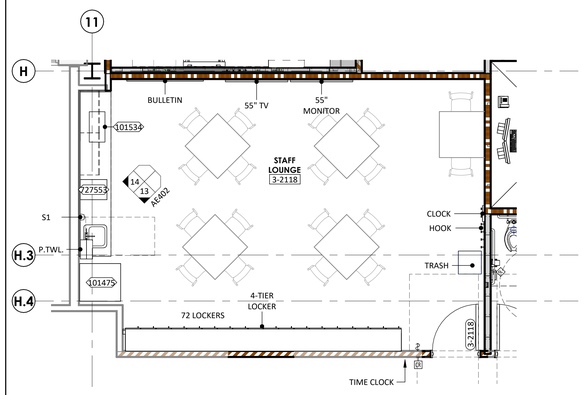
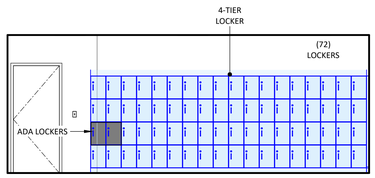


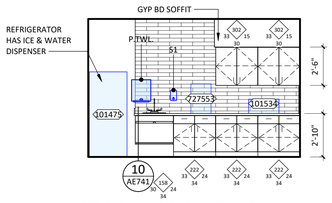
11 SHARED OFFICE - D
1/4" = 1'-0"



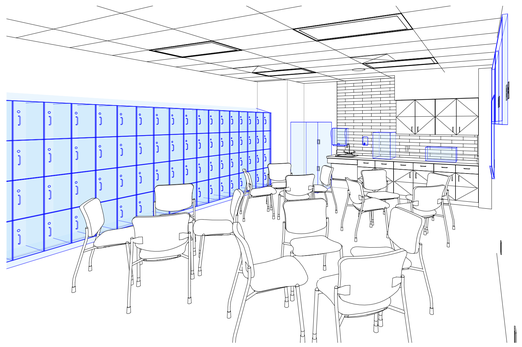
12 MED SURG - STAFF LOUNGE
1/4" = 1'-0"



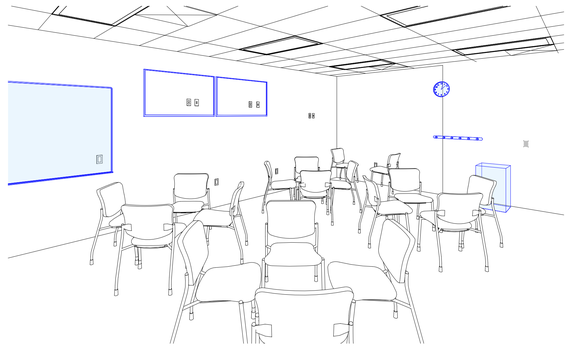
13 STAFF LOUNGE - C
1/4" = 1'-0"



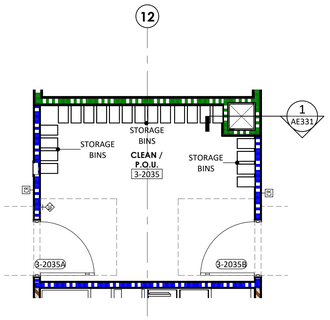
14 STAFF LOUNGE - D
1/4" = 1'-0"



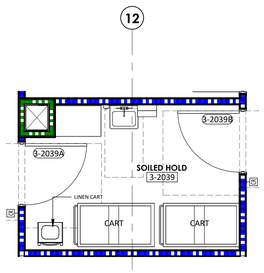
15 MEDSURG STAFF LOUNGE



16 MEDSURG STAFF LOUNGE



17 TYP CLEAN / P.O.U.
1/4" = 1'-0"



18 TYP SOILED HOLD
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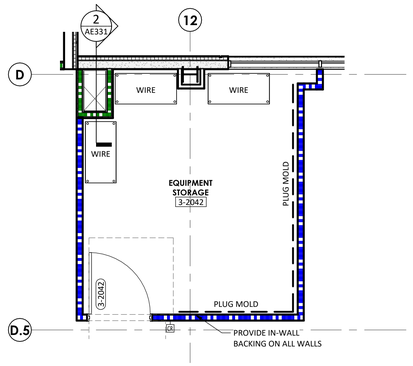
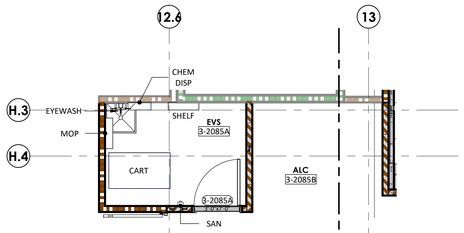


19 TYP EQUIPMENT STORAGE
1/4" = 1'-0"



20 TYP EVS & STRETCHER ALC -
1/4" = 1'-0"

Devenney GROUP

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Consultant:

DATE SIGNED: 12.05.24

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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

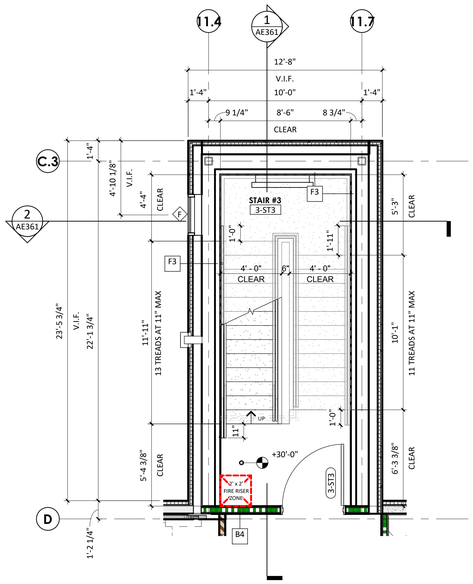
REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1/4" = 1'-0"
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

ENLARGED FLOOR PLANS - LEVEL 3 - MED SURG

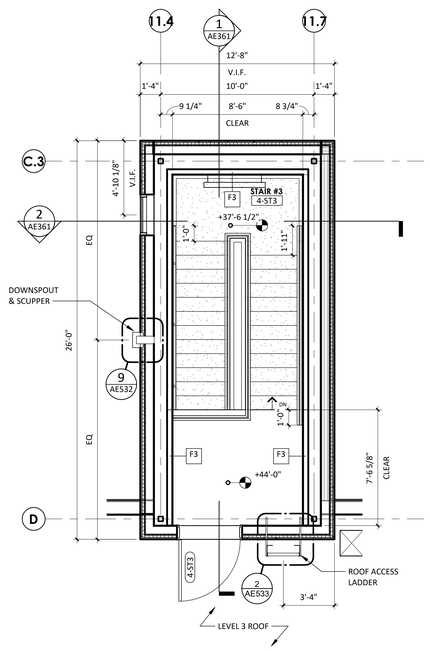
AE402

12/16/2024 7:22:19 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



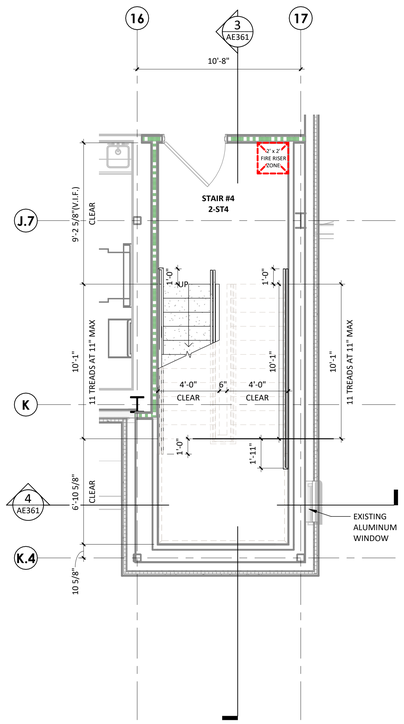
ENLARGED PLAN - LEVEL 3 - STAIR 3

1 1/4" = 1'-0"



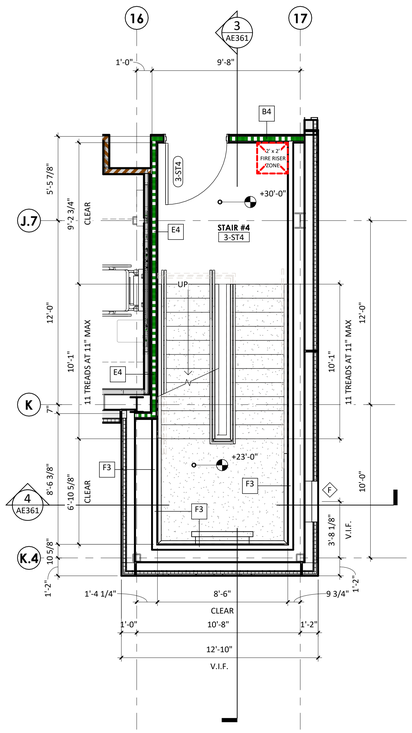
ENLARGED PLAN - LEVEL 4 - STAIR 3

2 1/4" = 1'-0"



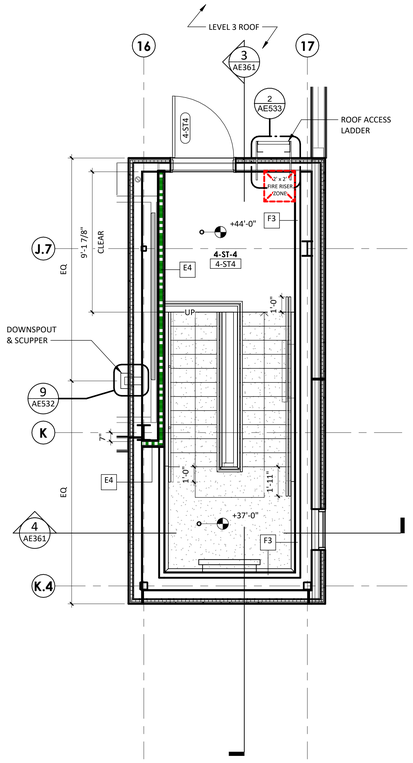
ENLARGED PLAN - LEVEL 2 - STAIR 4

5 1/4" = 1'-0"



ENLARGED PLAN - LEVEL 3 - STAIR 4

3 1/4" = 1'-0"



ENLARGED PLAN - LEVEL 4 - STAIR 4

4 1/4" = 1'-0"

KEYNOTE LEGEND

KEY	NOTE

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Consultant:

STATE OF MISSOURI
DUDLEY G. CAMPBELL
NUMBER
A-2021002749

DATE SIGNED: 12.05.24

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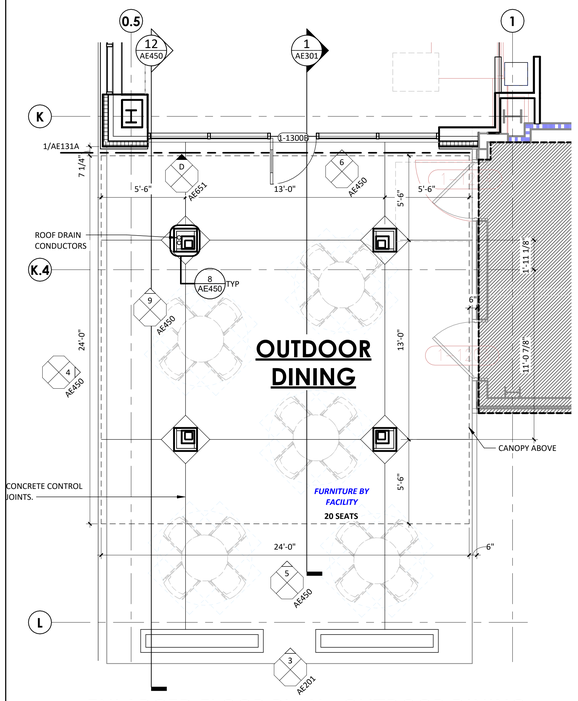
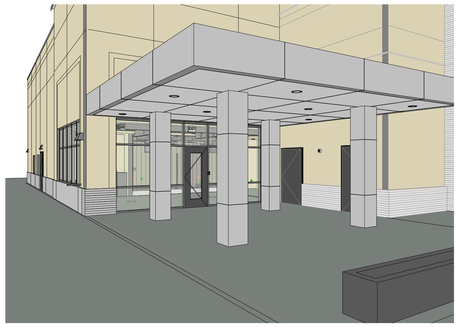
ENLARGED STAIR PLANS

AE421

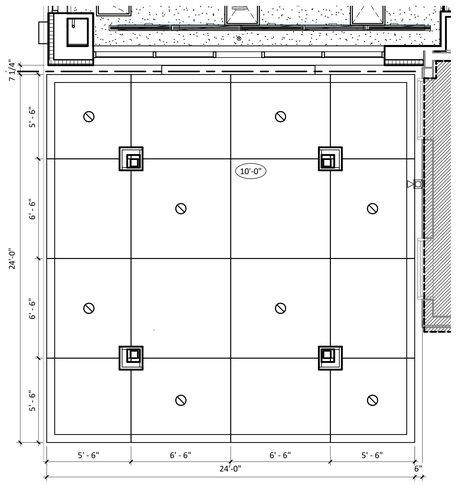
12/16/2024 7:22:45 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



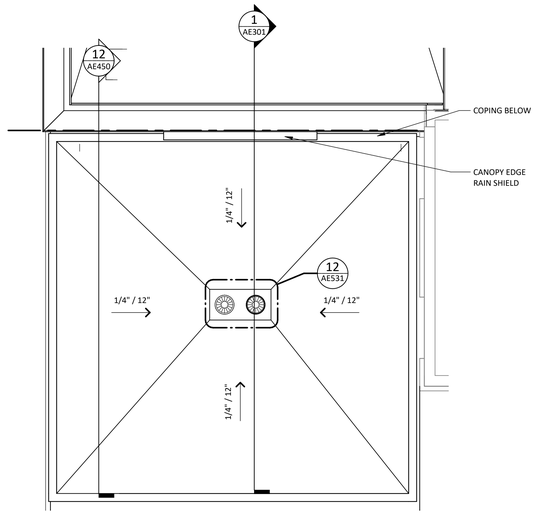
1 ENLARGED FLOOR PLAN - OUTDOOR DINING
1/4" = 1'-0"



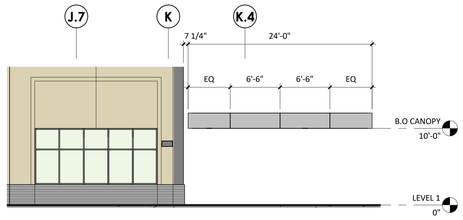
- OUTDOOR DINING 3D VIEW



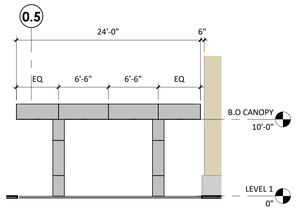
2 ENLARGED RCP - CANOPY
1/4" = 1'-0"



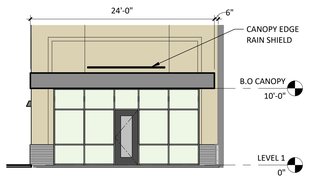
3 ENLARGED ROOF PLAN - CANOPY
1/4" = 1'-0"



4 CANOPY- WEST
1/8" = 1'-0"



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



6 CANOPY - SOUTH BLD
1/8" = 1'-0"

MATERIAL LEGEND

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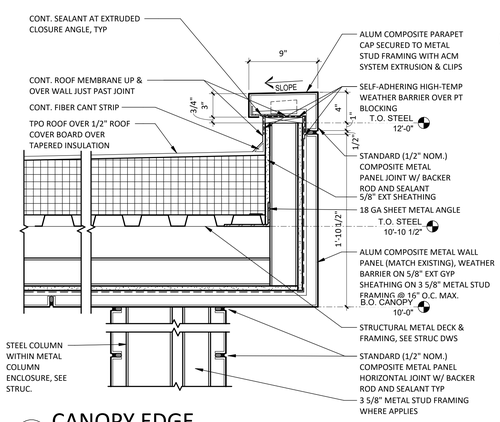
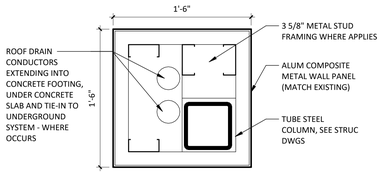
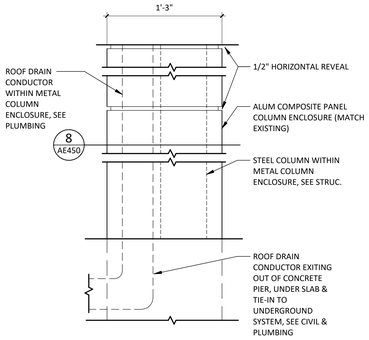
	PRODUCT:	VISION INSULATED GLAZING UNIT
	MFR:	TBD
	FINISH:	MATCH EXISTING
	GL-02	
	PRODUCT:	SPANDREL INSULATED GLAZING UNIT
	MFR:	TBD
	FINISH:	MATCH EXISTING
	E-01	
	PRODUCT:	EXTERIOR INSULATION FINISH SYSTEM COLOR 1
	MFR:	TBD
	FINISH:	MATCH EXISTING
	E-02	
	PRODUCT:	EXTERIOR INSULATION FINISH SYSTEM 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 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



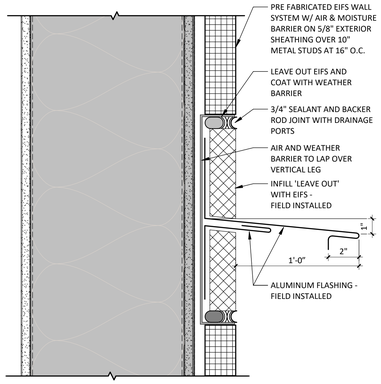
7 CANOPY EDGE
1 1/2" = 1'-0"



8 CANOPY COLUMN
1 1/2" = 1'-0"

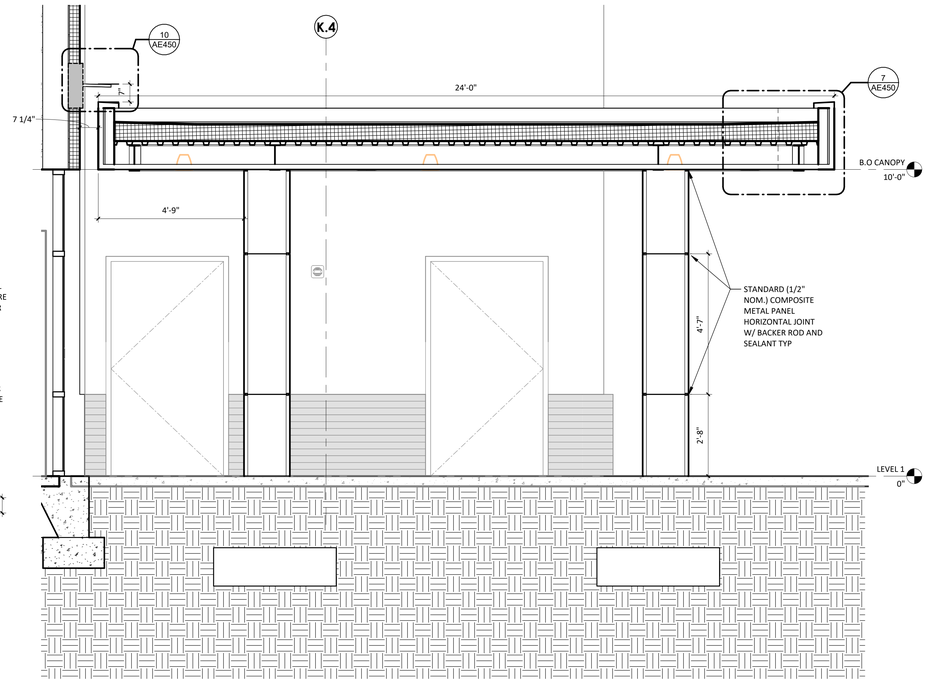


9 CANOPY COLUMN ELEVATION
1 1/2" = 1'-0"



NOTE: RAIN SHIELD BY PREFAB EXTERIOR WALL VENDOR

10 CANOPY EDGE RAIN SHIELD
3" = 1'-0"



12 CANOPY SECTION
1/2" = 1'-0"

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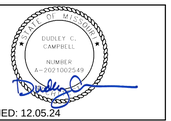

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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS

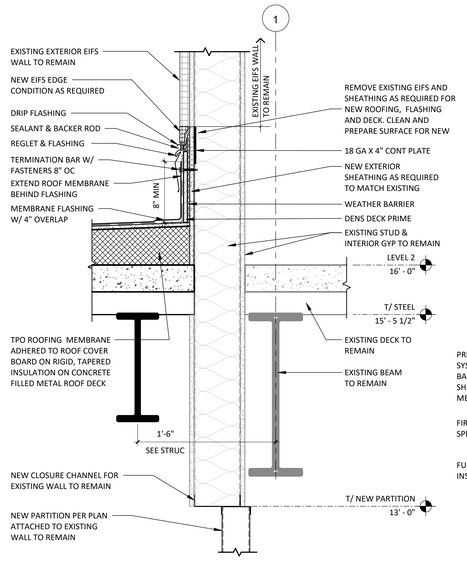
REV #	DESCRIPTION	DATE

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

ENLARGED CANOPY PLANS, SECTIONS & DETAILS

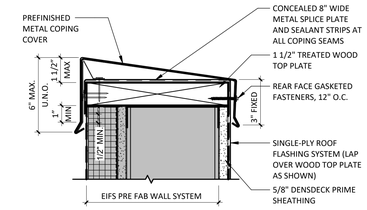
AE450

12/16/2024 7:23:14 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



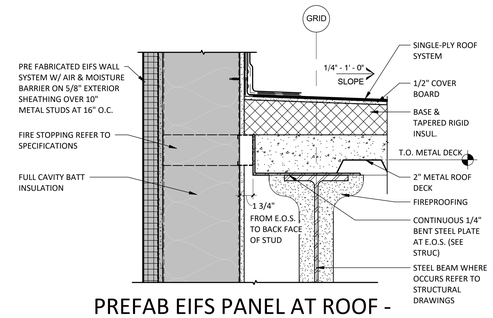
NEW ROOF TO EXISTING BUILDING TRANSITION

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



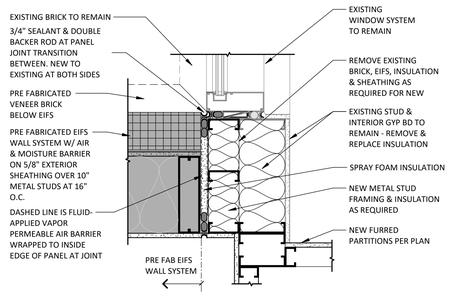
ROOF TERMINATION AT TOP OF EIFS WALL - 10" STUD

4 3" = 1'-0"



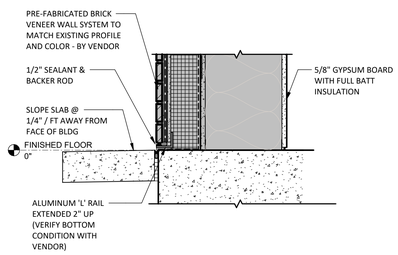
PREFAB EIFS PANEL AT ROOF - 10" STUD

3 1 1/2" = 1'-0"



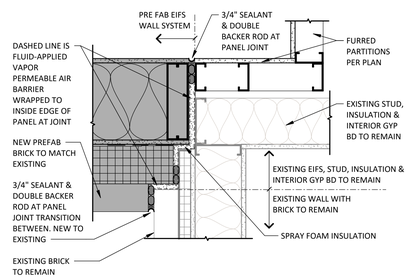
NEW TO EXIST WALL TIE-IN @ INNER CORNER & (E) WINDOW

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



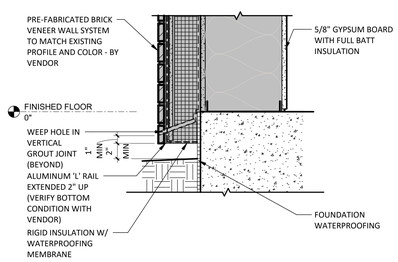
SLAB EDGE AT PREFAB BRICK

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



NEW TO EXIST WALL TIE-IN @ INNER CORNER

5 1 1/2" = 1'-0"



SLAB EDGE AT PREFAB BRICK AT GRADE

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

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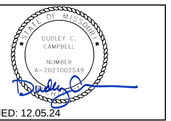

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MED SURG & DIETARY EXPANSION

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

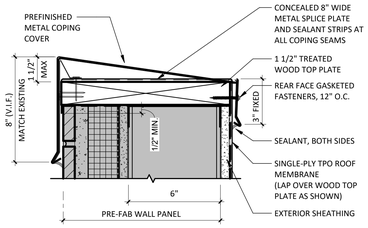
REVISIONS		
REV #	DESCRIPTION	DATE

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

EXTERIOR WALL DETAILS - DIETARY

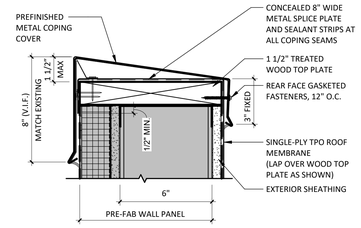
AE501

12/16/2024 7:23:20 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



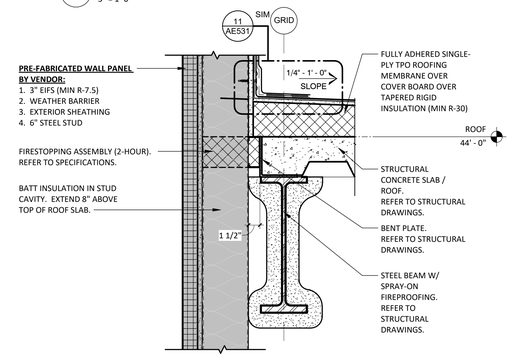
8 ROOF TERMINATION AT TOP OF BRICK WALL - 6" STUD

3" = 1'-0"



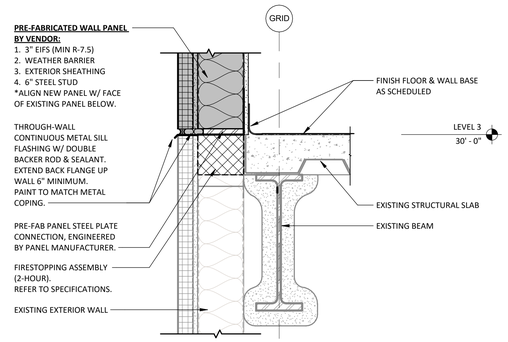
4 ROOF TERMINATION AT TOP OF EIFS WALL - 6" STUD

3" = 1'-0"



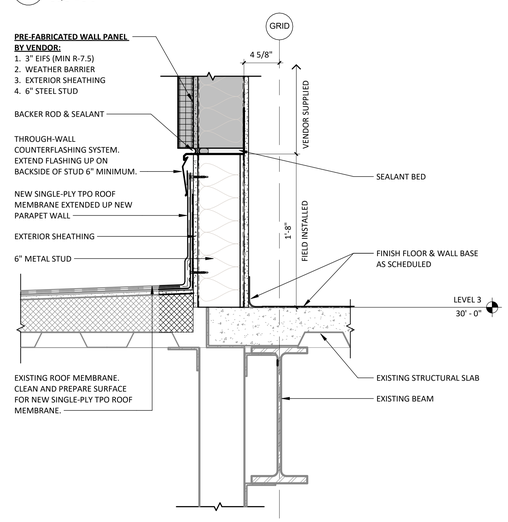
3 PRE-FAB EIFS PANEL AT ROOF - 6" STUD

1 1/2" = 1'-0"



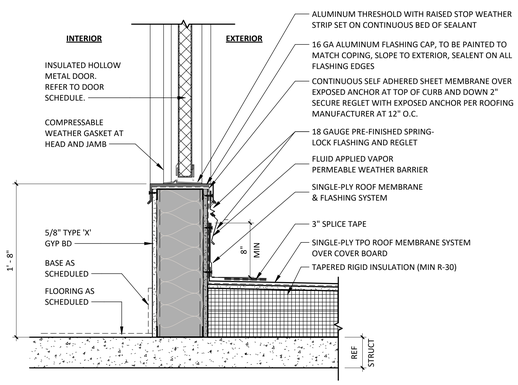
2 PRE-FAB EIFS PANEL CONNECTION TO EXISTING

1 1/2" = 1'-0"



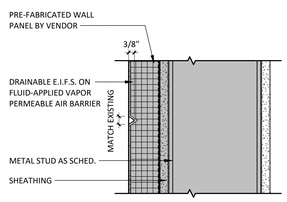
1 PRE-FAB EIFS PANEL CONNECTION TO EXISTING ROOF

1 1/2" = 1'-0"



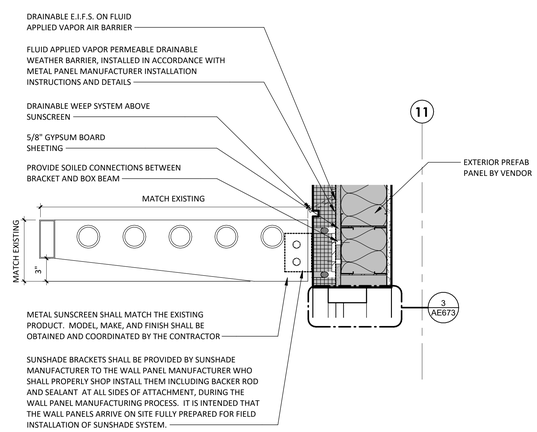
10 ROOF STAIR DOOR SILL DETAIL

1 1/2" = 1'-0"



9 EIFS DETAIL - AESTHETIC REVEAL

3" = 1'-0"



5 EXTERIOR HORIZONTAL SUNSHADE

1 1/2" = 1'-0"

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002749

DATE SIGNED: 12.05.24

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AGENCY

REVISIONS		
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DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

EXTERIOR WALL DETAILS - MED/SURG

AE502

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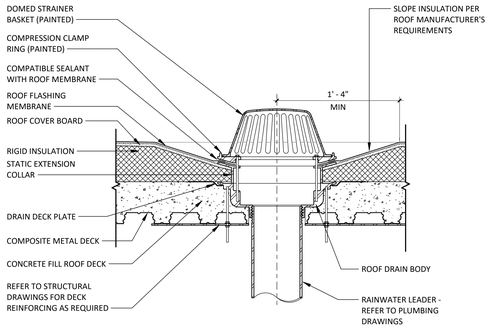
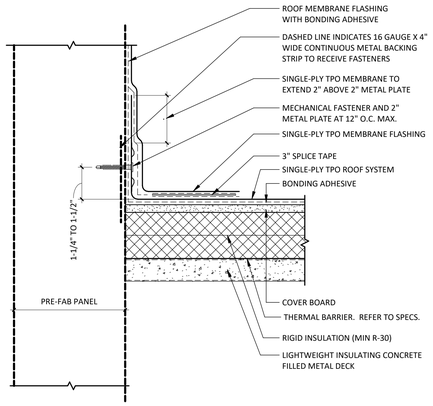
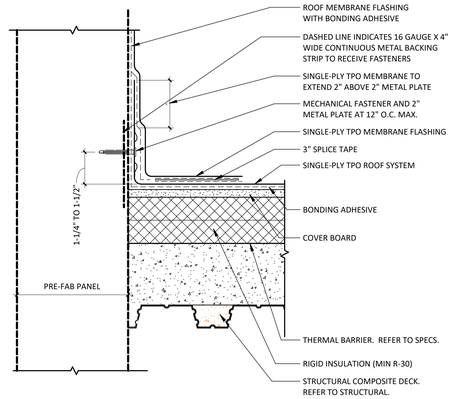


14 TYPICAL PRIMARY ROOF DRAIN
1 1/2" = 1'-0"
D2030

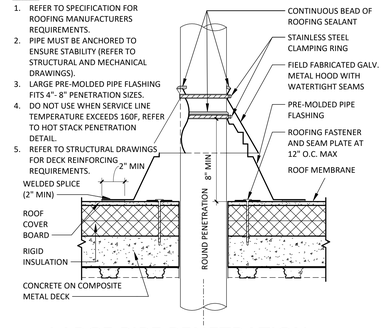


11 ROOF BASE TIE IN (LWIC / METAL DECK)
3" = 1'-0"

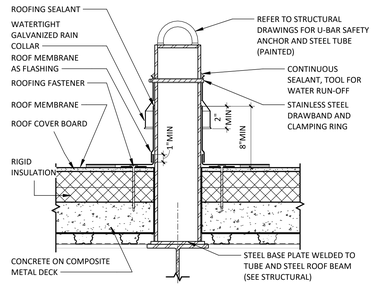


8 ROOF BASE TIE IN (CONCRETE COMPOSITE)
3" = 1'-0"

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



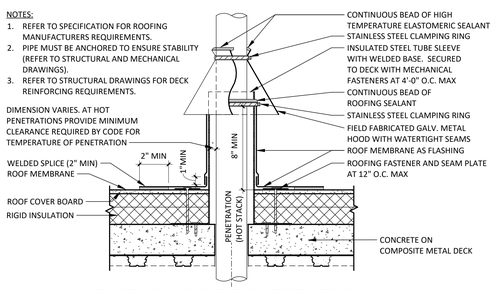
4 LARGE PIPE PENETRATION (CONCRETE COMPOSITE)
1 1/2" = 1'-0"



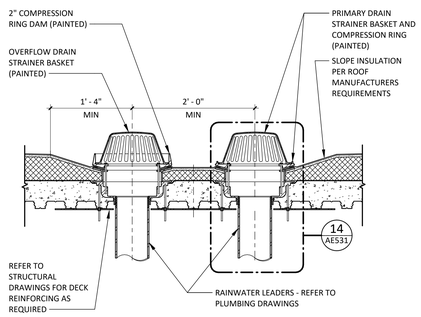
7 FALL PROTECTION (CONCRETE COMPOSITE)
1 1/2" = 1'-0"

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

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

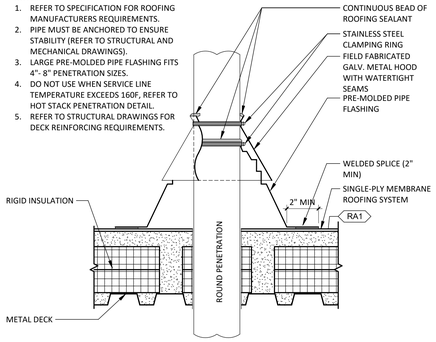


3 HOT STACK PIPE PENETRATION (CONCRETE COMPOSITE)
1 1/2" = 1'-0"

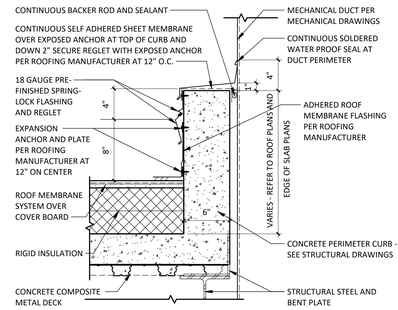


13 TYPICAL ROOF DRAIN SECTION
1" = 1'-0"
D2030

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

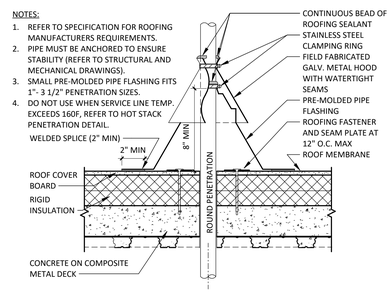


10 PIPE PENETRATION AT LWIC
1 1/2" = 1'-0"
B3010

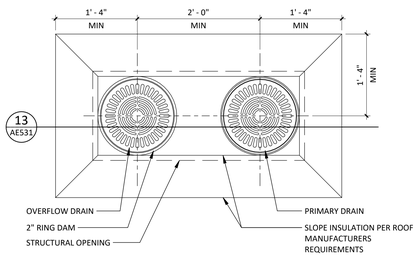


6 CURB AT DUCT PENETRATION (CONCRETE COMPOSITE)
1 1/2" = 1'-0"

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

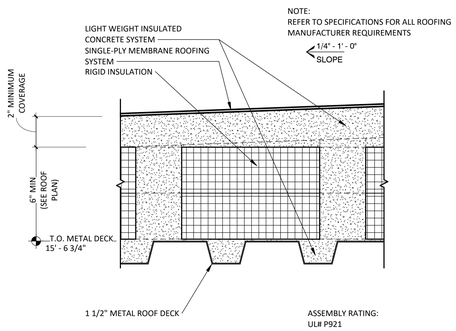


2 SMALL PIPE PENETRATION (CONCRETE COMPOSITE)
1 1/2" = 1'-0"

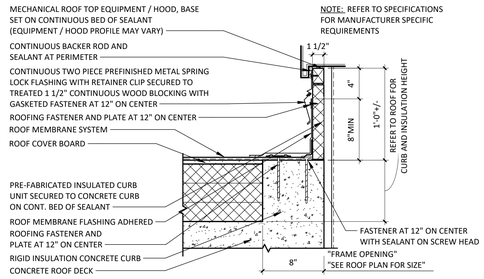


NOTE: METAL DECK AND CONCRETE BLOCKOUT REQUIRED AROUND DRAIN OPENING (REFER TO STRUCTURAL DRAWINGS)

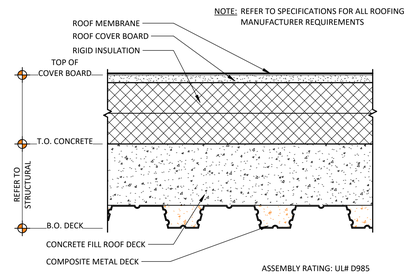
12 TYPICAL ROOF DRAIN PLAN
1" = 1'-0"
D2030



9 ROOF SECTION AT LWIC
3" = 1'-0"
B3010



5 ROOF TOP EQUIPMENT PENETRATION (CONCRETE COMPOSITE)
1 1/2" = 1'-0"



1 BUILT UP ROOF SECTION (CONCRETE COMPOSITE)
3" = 1'-0"

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002749
DATE SIGNED: 12.05.24

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LEE'S SUMMIT, MO 64063

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CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
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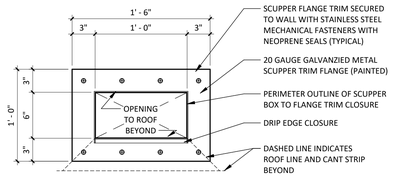
JOB NUMBER:	6406.24

EXTERIOR ROOF DETAILS

AE531

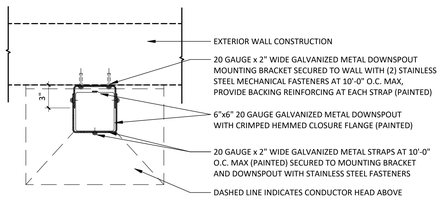
12/16/2024 7:23:33 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



10 OVERFLOW SCUPPER ELEVATION

B3020

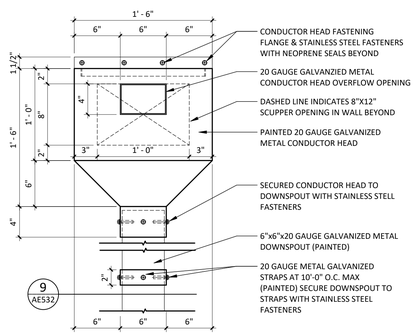
1 1/2" = 1'-0"



9 ENLARGED DOWNSPOUT PLAN

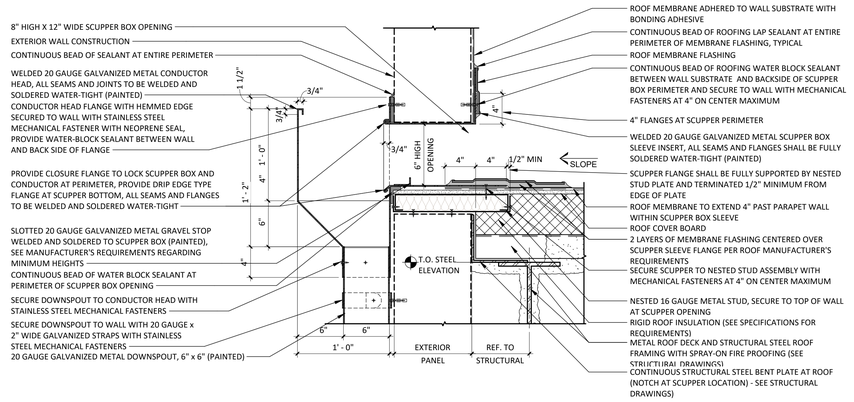
B3020

1 1/2" = 1'-0"



8 CONDUCTOR & DOWNSPOUT ELEVATION

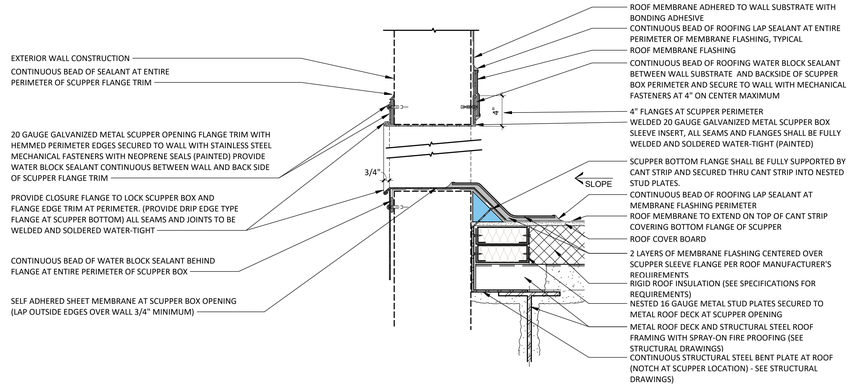
1 1/2" = 1'-0"



7 THRU-WALL SCUPPER / CONDUCTOR

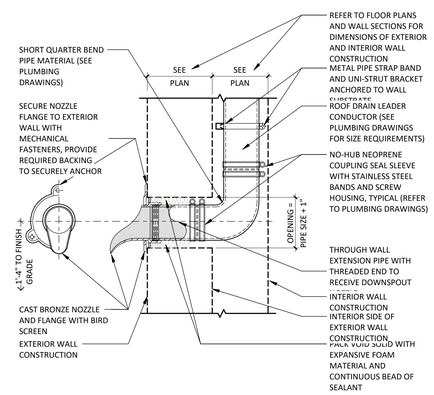
1 1/2" = 1'-0"

B3020



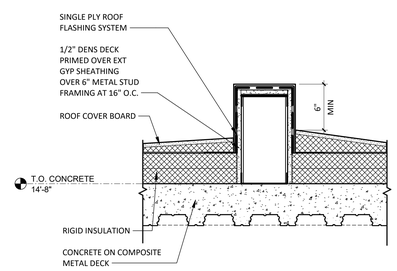
6 THRU-WALL OVERFLOW SCUPPER

1 1/2" = 1'-0"



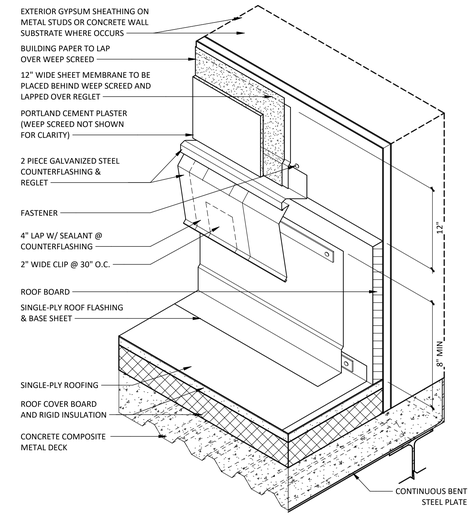
5 DOWNSPOUT NOZZLE OUTLET

1 1/2" = 1'-0"



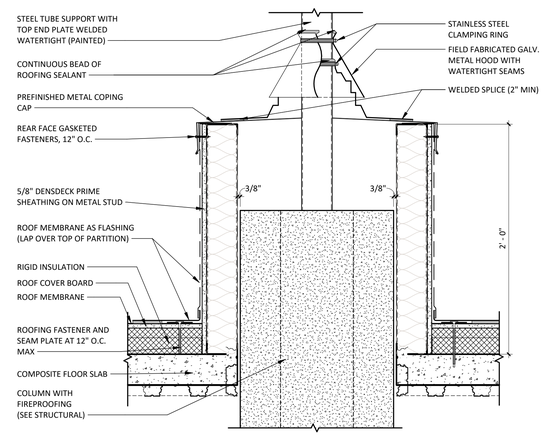
4 CURB AT ROOF TRANSITION

1 1/2" = 1'-0"



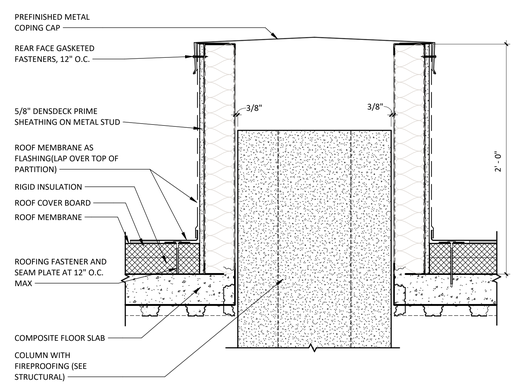
3 ROOF COUNTERFLASHING (ISOMETRIC)

3" = 1'-0"



2 FUTURE COLUMNS FURRING CAP WITH POST

1 1/2" = 1'-0"



1 FUTURE COLUMNS FURRING CAP

1 1/2" = 1'-0"

Devenney GROUP

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002749

DATE SIGNED: 12.05.24

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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

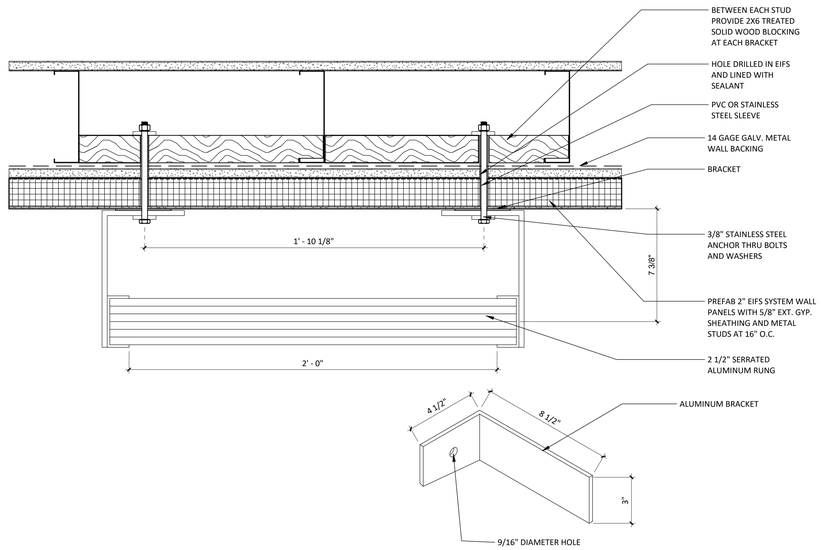
REVISIONS		
REV #	DESCRIPTION	DATE

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

EXTERIOR ROOF DETAILS

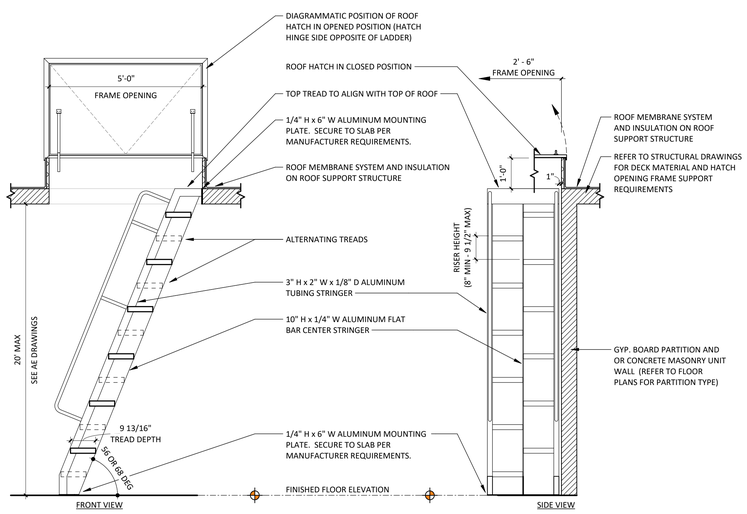
AE532

12/16/2024 7:23:42 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24-0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



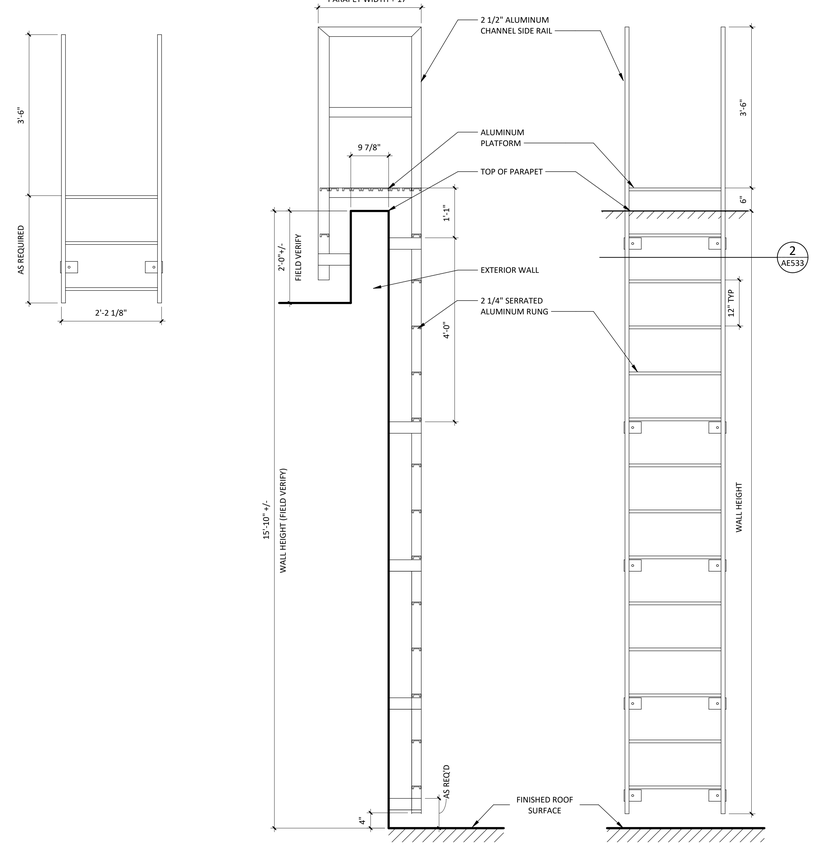
2 ROOF LADDER AT WALL

3" = 1'-0"



3 ROOF HATCH AND ALUMINUM ACCESS ALTERNATING STAIR (20'-0" OR LESS)

1/2" = 1'-0"



1 ROOF LADDER

3/4" = 1'-0"

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EXTERIOR ROOF DETAILS

AE533

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DOOR SCHEDULE

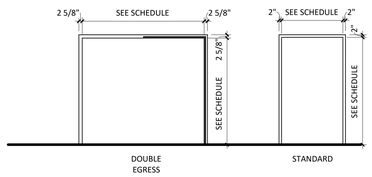
DOOR MATERIAL	DOOR GLAZING	FRAME MATERIAL	FRAME GLAZING	REMARKS
WD - SOLID CORE WOOD	T - TEMPERED	HM - HOLLOW METAL	T - TEMPERED	1 - CASED OPENING
WDPL - PLASTIC LAMINATE WOOD	L - LAMINATED	AL - ALUMINUM	L - LAMINATED	2 - DELAYED EGRESS
WDIR - IMPACT RESISTANT WOOD	FR - FIRE RESISTIVE	STL - STEEL	FR - FIRE RESISTIVE	3 - PANIC HARDWARE
HM - HOLLOW METAL	FP - FIRE PROTECTIVE	E - EXISTING	FP - FIRE PROTECTIVE	4 - MAGNETIC HOLD OPEN
AL - ALUMINUM	SP - SPANDREL		SP - SPANDREL	5 - INTEGRAL BLINDS W/ CONTROLS ON ROOM SIDE
STL - STEEL	IGU - INSULATED GLASS UNIT		IGU - INSULATED GLASS UNIT	
E - EXISTING				

DOOR SCHEDULE

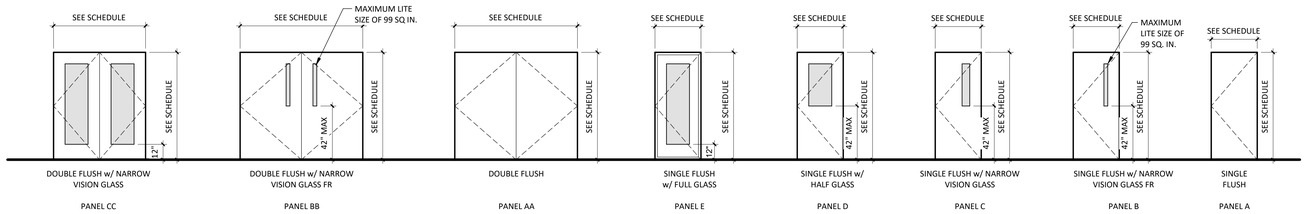
ID	WIDTH	HEIGHT	DOOR PANEL			FRAME		DETAILS			RATING	HARDWARE	REMARKS
			MATERIAL	ELEV.	GLAZING	MATERIAL	ELEV.	HEAD	JAMB	SILL	FIRE		
LEVEL 1													
1-1300	6'-0"	7'-0"	WDPL/GL	CC	T	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	107A.1	
1-1300B	3'-0"	7'-2"	AL/GL	E	IGU	AL	1	13/AE621	12/AE621	11/AE621	-	105A.1	1
1-1301	20'-2"	9'-8"	AL	ASSEMBLY 1	-	STL		6/AE621	5/AE621	BY MANUF	-	BY MANUF	ROLLING SECURITY GRILLE, ASSEMBLY 1 DOOR ELEVATION, KEYED, MOTOR OPERATED
1-1302	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	-	009A	3
1-1303	3'-0"	7'-0"	HM	A	-	HM	1	16/AE621	16/AE621	15/AE621	-	101B	
1-1304	3'-0"	7'-0"	WDPL/GL	C	T	HM	1	3/AE621	2/AE621	1/AE621	-	003A	
1-1305	3'-0"	7'-0"	WDPL/GL	C	T	HM	1	3/AE621	2/AE621	1/AE621	-	003A	
1-1306	3'-0"	7'-0"	WDPL/GL	C	T	HM	1	3/AE621	2/AE621	1/AE621	-	008B	
1-1309	3'-6"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	004F	
1-1310	3'-6"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	004F	
1-1311	3'-0"	7'-0"	WDPL/GL	C	T	HM	1	3/AE621	2/AE621	1/AE621	-	003B	
1-1312	3'-6"	7'-0"	HM	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	11	3
1-1313	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	-	006A	
1-1314	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	-	005B	

DOOR GENERAL NOTES

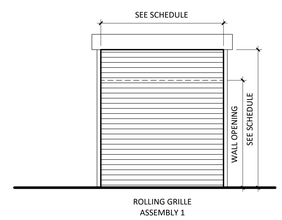
1. THE PURPOSE OF THIS SHEET IS TO DESCRIBE AND ILLUSTRATE DOOR TYPES. NOT ALL DOOR TYPES SHOWN ARE NECESSARILY USED. SEE DOOR MARK SCHEDULE FOR DOOR TYPES USED.
2. FIRE DOORS AND FRAMES SHALL HAVE AN APPROVED LABEL OR LISTING MARK INDICATING THE FIRE PROTECTION RATING WHICH IS PERMANENTLY AFFIXED AT THE FACTORY WHERE FABRICATION AND ASSEMBLY ARE DONE.
3. SMOKE BARRIER DOORS INSTALLED ACROSS THE CORRIDORS AND EXIT ACCESS DOORS LOCATED AT ZONE BOUNDARIES SHALL BE EQUIPPED WITH APPROVED VISION PANELS.
4. ALL SMOKE BARRIER DOORS LOCATED ON THE FLOOR OR IN THE AFFECTED ZONE SHALL COMPLY WITH CURRENT APPLICABLE CODES AND SHALL BE AUTOMATIC CLOSING UPON ACTIVATION OF THE FIRE ALARM OR FIRE SPRINKLER SYSTEM.
5. ALL DOORS IN SMOKE BARRIERS AND OPENING INTO RATED EXIT WAYS SHALL BEAR AN APPROVED LABEL DISPLAYING THE LETTER "S" PER CURRENT APPLICABLE CODES.
6. FIRE ASSEMBLIES REQUIRED TO HAVE 1 ½ HOURS, 1 HOUR OR ¾ HOUR FIRE PROTECTION RATING SHALL BE EITHER AUTOMATIC OR SELF CLOSING FIRE ASSEMBLIES. AUTOMATIC CLOSING FIRE ASSEMBLIES TO BE ACTIVATED BY AN INCREASE IN TEMPERATURE SHALL HAVE HEAT-ACTUATING DEVICES INSTALLED ON EACH SIDE OF THE WALL AT THE CEILING HEIGHT WHERE THE CEILING IS MORE THAN 3 FEET ABOVE THE TOP OF THE OPENING OR BY A SINGLE FUSIBLE LINK IN THE OPENING INCORPORATED IN THE CLOSING DEVICE.
7. GLASS:
   A. INTERIOR DOORS:
      1. NON-RATED DOORS SHALL HAVE ¼" CLEAR TEMPERED GLASS.
      2. ALL RATED DOORS – SEE SPECIFICATIONS.
      3. LEAD LINED DOORS SHALL HAVE LEAD GLASS.
8. GLAZING IN THE FOLLOWING LISTED AREAS SHALL BE DEEMED TO BE LOCATED IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT:
   1. INGRESS AND EGRESS DOORS.
   2. FIXED PANELS IN SWINGING DOORS.
   3. ALL GLAZING WITHIN 18" OF THE FLOOR AND WITHIN 12" OF A DOOR SHALL BE TEMPERED.
9. EACH LITE OF THE GLAZING SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. WHEN APPROVED BY THE AGENCY, LABELS MAY BE OMITTED FROM OTHER THAN GLAZING MATERIALS, PROVIDED AN AFFIDAVIT IS FURNISHED BY THE GLAZING CONTRACTOR CERTIFYING THAT EACH LIGHT IS GLAZED IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. IDENTIFICATION OF GLAZING IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT SHALL BE ETCHED OR CERAMIC FIRED ON THE GLASS AND READABLE FROM THE INSIDE OF THE BUILDING AFTER INSTALLATION.
10. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
11. PANIC HARDWARE SHALL COMPLY WITH THE REQUIREMENTS OF CURRENT APPLICABLE CODES. THE ACTIVATING MEMBER SHALL BE MOUNTED AT A HEIGHT OF NOT LESS THAN 30 INCHES NOR MORE THAN 44 INCHES ABOVE THE FLOOR. THE UNLATCHING FORCE SHALL NOT EXCEED 15 POUNDS WHEN APPLIED IN THE DIRECTION OF TRAVEL.
12. DOOR ASSEMBLIES, APPROACHES AND FINISH HARDWARE SHALL BE IN COMPLIANCE WITH ACCESSIBILITY STANDARDS.
13. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING:
    A. EXTERIOR DOORS 5.0 POUNDS
    B. INTERIOR DOORS 5.0 POUNDS
    C. FIRE DOORS 15.0 POUNDS
14. WATER CLOSET ROOMS SHALL BE SEPARATED FROM FOOD PREPARATION AND STORAGE AREAS WITH TIGHT FITTING DOORS.
15. DOOR OPENING LOCATIONS:
    A. IMMEDIATELY (5") ADJACENT TO A FLANKING WALL UNLESS NOTED OTHERWISE
    B. AT THE CENTERLINE OF THE ROOM, UNLESS NOTED OTHERWISE
    C. CENTERED ON A GRID DOOR OPENINGS IN OTHER LOCATIONS ARE LOCATED BY DIMENSIONS
16. SEE SPECIFICATIONS FOR HARDWARE SCHEDULE
17. ALL DOOR FRAMES ARE WELDED FRAMES, UNLESS NOTED OTHERWISE.
18. FINISH FLOOR TRANSITIONS OCCUR AT CENTERLINE OF DOORS, UNLESS NOTED OTHERWISE.
19. ALL INTERIOR DOORS WITH FIRE RATINGS GREATER THAN 20 MINUTE SHALL HAVE A NON-COMBUSTIBLE SILL WITH AN UNDERCUT OF 3/8" MAXIMUM ABOVE THE SILL.
20. WEIGHT OF LEAD-LINED DOORS, LEAD STRIPS IN DOOR FRAMES AND LEAD GLAZING WHERE OCCURS SHALL MATCH WEIGHT OF LEAD IN ADJACENT PARTITION, UNLESS NOTED OTHERWISE. LEAD LINING SHALL BE INSTALLED SUCH THAT SHIELDING IS CONTINUOUS IN INSTALLED DOORWAY.
21. ALL EXTERIOR DOORS SHALL HAVE METAL THRESHOLDS. SEE HARDWARE SCHEDULE.
22. WHERE DOOR HOLD-OPEN DEVICES OR DOOR STOPS OCCUR AT WALLS, PROVIDE BACKING PLATE PER BACKING PLATE SCHEDULE.
23. ALL SOLID CORE WOOD DOORS TO BE STAIN GRADE, UNLESS NOTED OTHERWISE (SEE DOOR SCHEDULE).
24. DOORS WITH AUTO DOOR OPENINGS SHALL MEET REQUIREMENTS IN CURRENT APPLICABLE CODES.
25. THRESHOLDS AT DOORWAYS AND TRANSITION STRIPS SHALL NOT EXCEED 1/2" IN HEIGHT. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.



FRAME ELEVATIONS



DOOR PANEL ELEVATIONS



DOOR ASSEMBLY ELEVATIONS

Devenney GROUP

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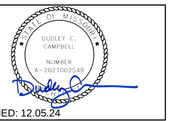

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DOOR SCHEDULES - LEVEL 1 - DIETARY

AE601

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DOOR SCHEDULE

DOOR MATERIAL	DOOR GLAZING	FRAME MATERIAL	FRAME GLAZING	REMARKS
WD - SOLID CORE WOOD	T - TEMPERED	HM - HOLLOW METAL	T - TEMPERED	1 - CASED OPENING
WDPL - PLASTIC LAMINATE WOOD	L - LAMINATED	AL - ALUMINUM	L - LAMINATED	2 - DELAYED EGRESS
WDIR - IMPACT RESISTANT WOOD	FR - FIRE RESISTIVE	STL - STEEL	FR - FIRE RESISTIVE	3 - PANIC HARDWARE
HM - HOLLOW METAL	FP - FIRE PROTECTIVE	E - EXISTING	FP - FIRE PROTECTIVE	4 - MAGNETIC HOLD OPEN
AL - ALUMINUM	SP - SPANDREL		SP - SPANDREL	5 - INTEGRAL BLINDS W/ CONTROLS ON ROOM SIDE
STL - STEEL	IGU - INSULATED GLASS UNIT		IGU - INSULATED GLASS UNIT	
E - EXISTING				

DOOR SCHEDULE

ID	WIDTH	HEIGHT	DOOR PANEL			FRAME		DETAILS			RATING	HARDWARE	REMARKS	CURRENT REVISION
			MATERIAL	ELEV.	GLAZING	MATERIAL	ELEV.	HEAD	JAMB	SILL	FIRE			
LEVEL 3														
3-2000	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2001	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		002A		
3-2002	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2003	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		002A		
3-2004	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2006	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2008	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2010	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2012	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2014	4'-0"	7'-0"	WDPL	D	T	HM	1	3/AE621	2/AE621	1/AE621		001E	5	
3-2016	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2018	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2020	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2022	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2024	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2026	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2028	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2030	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2034	3'-0"	7'-0"	WDPL/GL	D	T	HM	1	3/AE621	2/AE621	1/AE621		009A		
3-2035A	3'-6"	7'-0"	WDPL/GL	B	FP	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	009B		
3-2035B	3'-6"	7'-0"	WDPL/GL	B	FP	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	009B		
3-2036	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	90 MIN	009B		
3-2038A	6'-0"	7'-0"	-	-	-	HM	1	3/AE621	2/AE621	1/AE621		14	1	
3-2038B	6'-0"	7'-0"	-	-	-	HM	1	3/AE621	2/AE621	1/AE621		14	1	
3-2039A	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	009B.1		
3-2039B	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		009B		
3-2040	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	007A		
3-2041	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		003A		
3-2042	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	009B		
3-2043	7'-8"	7'-0"	WDPL/GL	AA	FP	HM	2	3/AE621	2/AE621	1/AE621	20 MIN	011C	3,4	
3-2050	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2052	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2054	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2056	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2058	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2060	4'-0"	7'-0"	WDPL	D	T	HM	1	3/AE621	2/AE621	1/AE621		001E	5	
3-2062	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	004A		
3-2063	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2065	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2067	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2069	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2071	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001A		
3-2072	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		002A		
3-2073	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		001B		
3-2074	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		002A		
3-2077	3'-0"	7'-0"	WDPL/GL	D	T	HM	1	3/AE621	2/AE621	1/AE621		009A		
3-2078A	3'-6"	7'-0"	WDPL/GL	B	FP	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	009B.1		
3-2078B	3'-6"	7'-0"	WDPL/GL	B	FP	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	009B.1		
3-2079	5'-0"	7'-0"	-	-	-	HM	1	3/AE621	2/AE621	1/AE621		14	1	
3-2080	5'-0"	7'-0"	-	-	-	HM	1	3/AE621	2/AE621	1/AE621		14	1	
3-2081A	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	009B		
3-2081B	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	009B		
3-2082	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	007A		
3-2083	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	009B		
3-2085A	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		006A		
3-2091	6'-0"	7'-0"	WDPL	AA	-	HM	1	3/AE621	2/AE621	1/AE621	45 MIN	007A.1		
3-2118	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		009A		
3-2119	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		005B		
3-2120	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		005B		
3-2121	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621		003A		
3-COR6A	7'-8"	7'-0"	WDPL/GL	BB	-	HM	2	3/AE621	2/AE621	1/AE621		011C	3,4	
3-COR6B	7'-8"	7'-0"	WDPL/GL	BB	FP	HM	2	3/AE621	2/AE621	1/AE621	20 MIN	011C	3,4	
3-COR7	7'-8"	7'-0"	WDPL/GL	BB	FP	HM	2	3/AE621	2/AE621	1/AE621	20 MIN	011C	3,4	
3-ST3	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	90 MIN	010C	2,3	
3-ST4	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE621	2/AE621	1/AE621	90 MIN	010C	2,3	
LEVEL 4 (ROOF)														
4-ST3	4'-0"	7'-0"	WDPL	A	-	HM	1	16/AE621	16/AE621	10/AE502	90 MIN	101B		
4-ST4	4'-0"	7'-0"	WDPL	A	-	HM	1	16/AE621	16/AE621	10/AE502	90 MIN	101B		

DOOR GENERAL NOTES

1. THE PURPOSE OF THIS SHEET IS TO DESCRIBE AND ILLUSTRATE DOOR TYPES. NOT ALL DOOR TYPES SHOWN ARE NECESSARILY USED. SEE DOOR MARK SCHEDULE FOR DOOR TYPES USED.
2. FIRE DOORS AND FRAMES SHALL HAVE AN APPROVED LABEL OR LISTING MARK INDICATING THE FIRE PROTECTION RATING WHICH IS PERMANENTLY AFFIXED AT THE FACTORY WHERE FABRICATION AND ASSEMBLY ARE DONE.
3. SMOKE BARRIER DOORS INSTALLED ACROSS THE CORRIDORS AND EXIT ACCESS DOORS LOCATED AT ZONE BOUNDARIES SHALL BE EQUIPPED WITH APPROVED VISION PANELS.
4. ALL SMOKE BARRIER DOORS LOCATED ON THE FLOOR OR IN THE AFFECTED ZONE SHALL COMPLY WITH CURRENT APPLICABLE CODES AND SHALL BE AUTOMATIC CLOSING UPON ACTIVATION OF THE FIRE ALARM OR FIRE SPRINKLER SYSTEM.
5. ALL DOORS IN SMOKE BARRIERS AND OPENING INTO RATED EXIT WAYS SHALL BEAR AN APPROVED LABEL DISPLAYING THE LETTER "S" PER CURRENT APPLICABLE CODES.
6. FIRE ASSEMBLIES REQUIRED TO HAVE 1 ½ HOURS, 1 HOUR OR ¾ HOUR FIRE PROTECTION RATING SHALL BE EITHER AUTOMATIC OR SELF CLOSING FIRE ASSEMBLIES. AUTOMATIC CLOSING FIRE ASSEMBLIES TO BE ACTIVATED BY AN INCREASE IN TEMPERATURE SHALL HAVE HEAT-ACTUATING DEVICES INSTALLED ON EACH SIDE OF THE WALL AT THE CEILING HEIGHT WHERE THE CEILING IS MORE THAN 3 FEET ABOVE THE TOP OF THE OPENING OR BY A SINGLE FUSIBLE LINK IN THE OPENING INCORPORATED IN THE CLOSING DEVICE.
7. GLASS:
   A. INTERIOR DOORS:
      1. NON-RATED DOORS SHALL HAVE ¼" CLEAR TEMPERED GLASS.
      2. ALL RATED DOORS – SEE SPECIFICATIONS.
      3. LEAD LINED DOORS SHALL HAVE LEAD GLASS.
8. GLAZING IN THE FOLLOWING LISTED AREAS SHALL BE DEEMED TO BE LOCATED IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT:
   1. INGRESS AND EGRESS DOORS.
   2. FIXED PANELS IN SWINGING DOORS.
   3. ALL GLAZING WITHIN 18" OF THE FLOOR AND WITHIN 12" OF A DOOR SHALL BE TEMPERED.
9. EACH LITE OF THE GLAZING SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. WHEN APPROVED BY THE AGENCY, LABELS MAY BE OMITTED FROM OTHER THAN GLAZING MATERIALS, PROVIDED AN AFFIDAVIT IS FURNISHED BY THE GLAZING CONTRACTOR CERTIFYING THAT EACH LIGHT IS GLAZED IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. IDENTIFICATION OF GLAZING IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT SHALL BE ETCHED OR CERAMIC FIRED ON THE GLASS AND READABLE FROM THE INSIDE OF THE BUILDING AFTER INSTALLATION.
10. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
11. PANIC HARDWARE SHALL COMPLY WITH THE REQUIREMENTS OF CURRENT APPLICABLE CODES. THE ACTIVATING MEMBER SHALL BE MOUNTED AT A HEIGHT OF NOT LESS THAN 30 INCHES NOR MORE THAN 44 INCHES ABOVE THE FLOOR. THE UNLATCHING FORCE SHALL NOT EXCEED 15 POUNDS WHEN APPLIED IN THE DIRECTION OF TRAVEL.
12. DOOR ASSEMBLIES, APPROACHES AND FINISH HARDWARE SHALL BE IN COMPLIANCE WITH ACCESSIBILITY STANDARDS.
13. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING:
    A. EXTERIOR DOORS 5.0 POUNDS
    B. INTERIOR DOORS 5.0 POUNDS
    C. FIRE DOORS 15.0 POUNDS
14. WATER CLOSET ROOMS SHALL BE SEPARATED FROM FOOD PREPARATION AND STORAGE AREAS WITH TIGHT FITTING DOORS.
15. DOOR OPENING LOCATIONS:
    A. IMMEDIATELY (5") ADJACENT TO A FLANKING WALL UNLESS NOTED OTHERWISE
    B. AT THE CENTERLINE OF THE ROOM, UNLESS NOTED OTHERWISE
    C. CENTERED ON A GRID DOOR OPENINGS IN OTHER LOCATIONS ARE LOCATED BY DIMENSIONS
16. SEE SPECIFICATIONS FOR HARDWARE SCHEDULE
17. ALL DOOR FRAMES ARE WELDED FRAMES, UNLESS NOTED OTHERWISE.
18. FINISH FLOOR TRANSITIONS OCCUR AT CENTERLINE OF DOORS, UNLESS NOTED OTHERWISE.
19. ALL INTERIOR DOORS WITH FIRE RATINGS GREATER THAN 20 MINUTE SHALL HAVE A NON-COMBUSTIBLE SILL WITH AN UNDERCUT OF 3/8" MAXIMUM ABOVE THE SILL.
20. WEIGHT OF LEAD-LINED DOORS, LEAD STRIPS IN DOOR FRAMES AND LEAD GLAZING WHERE OCCURS SHALL MATCH WEIGHT OF LEAD IN ADJACENT PARTITION, UNLESS NOTED OTHERWISE. LEAD LINING SHALL BE INSTALLED SUCH THAT SHIELDING IS CONTINUOUS IN INSTALLED DOORWAY.
21. ALL EXTERIOR DOORS SHALL HAVE METAL THRESHOLDS. SEE HARDWARE SCHEDULE.
22. WHERE DOOR HOLD-OPEN DEVICES OR DOOR STOPS OCCUR AT WALLS, PROVIDE BACKING PLATE PER BACKING PLATE SCHEDULE.
23. ALL SOLID CORE WOOD DOORS TO BE STAIN GRADE, UNLESS NOTED OTHERWISE (SEE DOOR SCHEDULE).
24. DOORS WITH AUTO DOOR OPENINGS SHALL MEET REQUIREMENTS IN CURRENT APPLICABLE CODES.
25. THRESHOLDS AT DOORWAYS AND TRANSITION STRIPS SHALL NOT EXCEED 1/2" IN HEIGHT. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.

Devenney GROUP

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DUDLEY C. CAMPBELL
NUMBER A-2021002749

DATE SIGNED: 12.05.24

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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

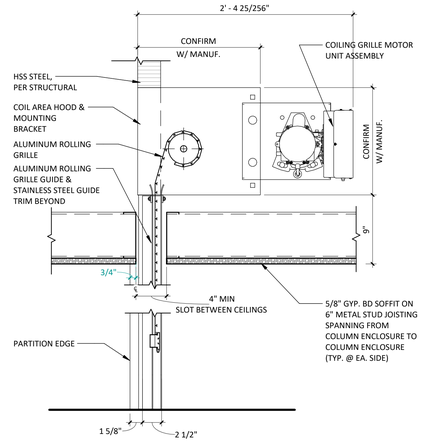
REVISIONS		
REV #	DESCRIPTION	DATE

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

DOOR SCHEDULES - LEVEL 3 - MED/SURG

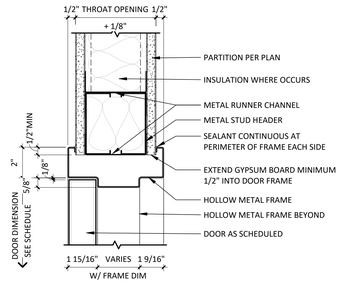
AE602

12/16/2024 7:23:57 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



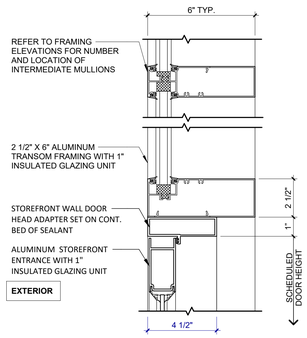
HEAD AT OVERHEAD COILING GRILLE

6 — 1 1/2" = 1'-0"



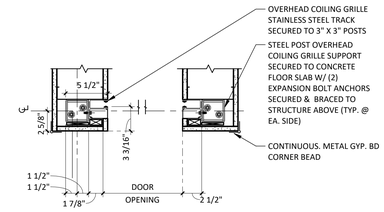
HEAD AT HOLLOW METAL FRAME

3 — 3" = 1'-0"



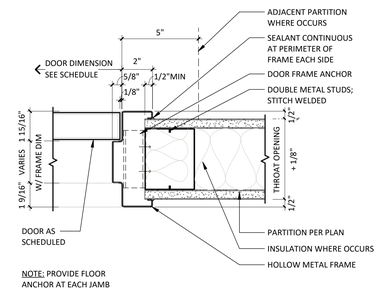
EXTERIOR ALUMINUM DOOR HEAD/TRANSOMS AT STOREFRONT WALL

13 — 3" = 1'-0"



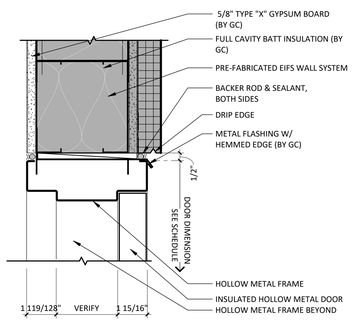
JAMB AT OVERHEAD COILING GRILLE

5 — 1 1/2" = 1'-0"



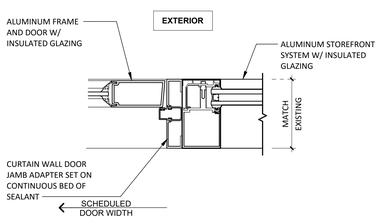
JAMB AT HOLLOW METAL FRAME

2 — 3" = 1'-0"



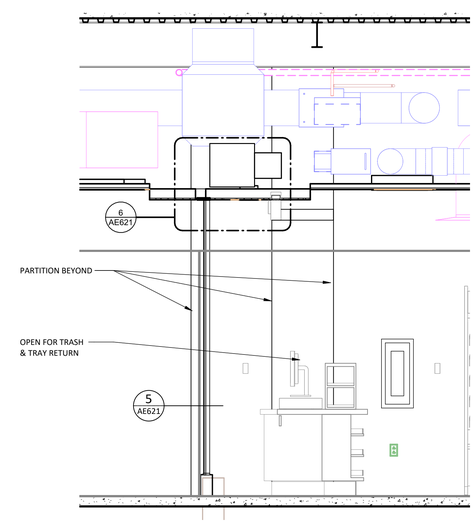
HOLLOW METAL DOOR HEAD/JAMB

16 — 3" = 1'-0"



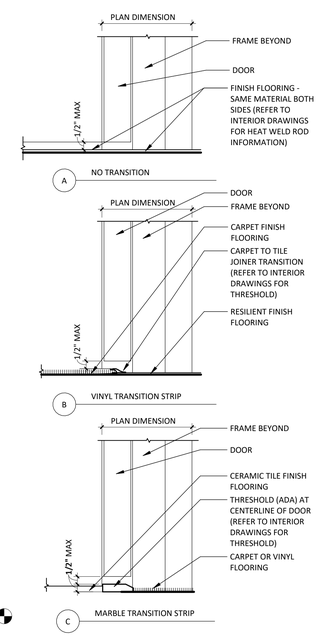
EXTERIOR ALUMINUM DOOR JAMB AT STOREFRONT WALL

12 — 3" = 1'-0"



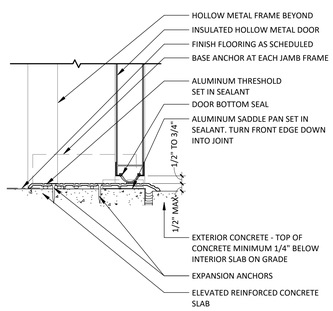
OVERHEAD COILING GRILLE

4 — 1/2" = 1'-0"



TYP SILL DETAILS

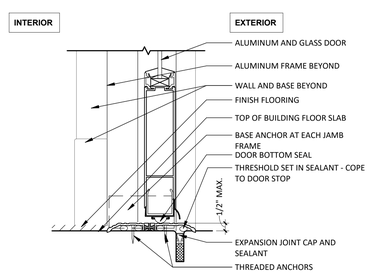
1 — 3" = 1'-0"



HOLLOW METAL DOOR SILL

15 — 3" = 1'-0"

B2050



EXTERIOR ALUMINUM DOOR THRESHOLD

11 — 3" = 1'-0"

B2050

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DATE SIGNED: 12.05.24

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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

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

EXTERIOR & INTERIOR DOOR DETAILS

AE621

12/16/2024 7:24:04 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt

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

WINDOW SCHEDULE

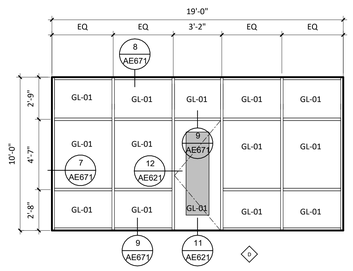
			MATERIAL		DETAILS			RATINGS	
ID	WIDTH	HEIGHT	GLAZING	FRAME	HEAD	JAMB	SILL	FIRE	REMARKS
A	4'-0"	4'-0"	IGU	AL	4/AE671	3/AE671	2/AE671		
F	2'-8"	2'-8"	IGU	AL	4/AE671	3/AE671	2/AE671		
Q	12'-0"	4'-8"	IGU	AL	4/AE671	3/AE671	2/AE671		1
Q*	12'-0"	4'-8"	IGU, FR	AL	4/AE671	3/AE671	2/AE671	45 MIN	
U	6'-0"	4'-8"	IGU	AL	4/AE671	3/AE671	2/AE671		

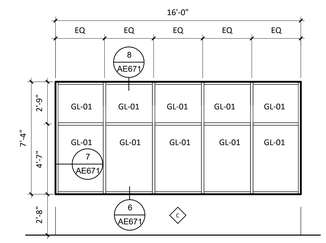
LOUVER SCHEDULE

			MATERIAL		DETAILS			RATINGS	
ID	WIDTH	HEIGHT	GLAZING	FRAME	HEAD	JAMB	SILL	FIRE	REMARKS
L1	8'-0"	6'-0"	LOUVER	AL	16/AE671	15/AE671	14/AE671		
L2	10'-0"	8'-0"	LOUVER	AL	16/AE671	15/AE671	14/AE671		

GLAZING GENERAL NOTES

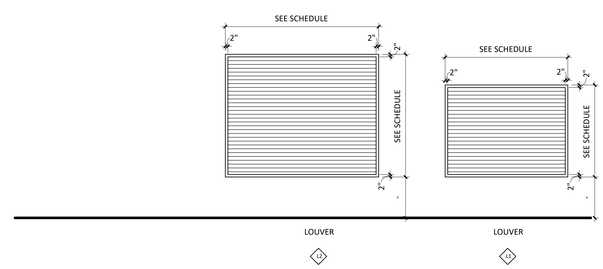
1. THE PURPOSE OF THIS SHEET IS TO DESCRIBE AND ILLUSTRATE WINDOW TYPES, NOT ALL WINDOW TYPES SHOWN ARE NECESSARILY USED. SEE WINDOW SCHEDULE FOR WINDOW TYPES USED.
2. IRE RATED WINDOWS, SHALL HAVE AN APPROVED LABEL OR LISTING MARK, INDICATING THE FIRE PROTECTION RATING WHICH IS PERMANENTLY AFFIXED AT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



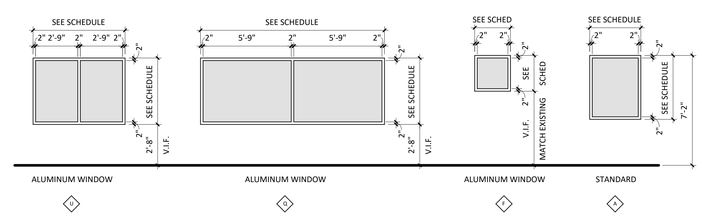


NOTE: REFER TO SHEET AE201 FOR MATERIAL LEGEND FOR GLAZING

STOREFRONT ELEVATIONS



LOUVER ELEVATIONS



Q* INDICATES 45 MIN
FIRE-RESISTIVE GLAZING

WINDOW ELEVATIONS

Devenney GROUP

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6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

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Consultant:

STATE OF MISSOURI
DUDLEY G. CAMPBELL
NUMBER A-2021002549

DATE SIGNED: 12.05.24

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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

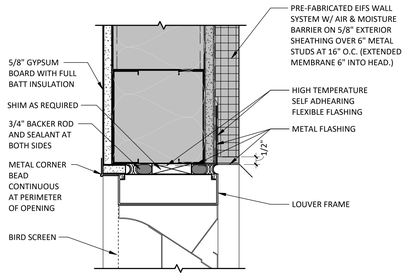
REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1/4" = 1'-0"
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

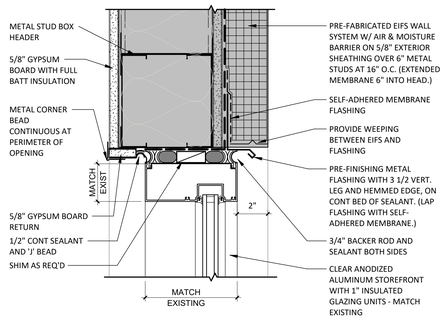
WINDOW SCHEDULES, ELEVATIONS & DETAILS

AE651

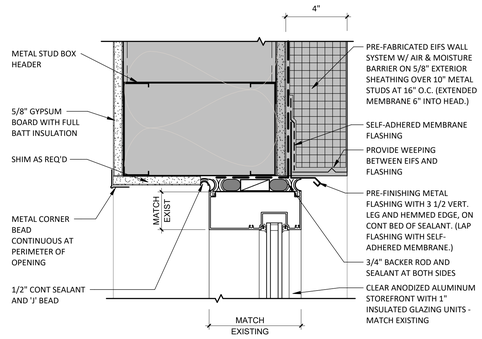
12/16/2024 7:24:14 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



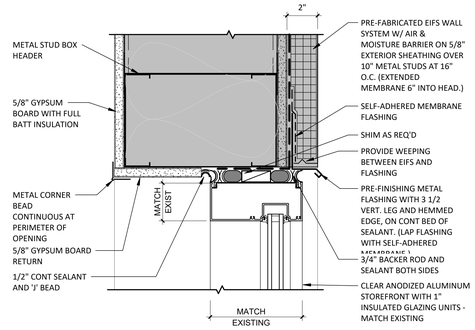
16 HEAD AT EXTERIOR LOUVER
3" = 1'-0"



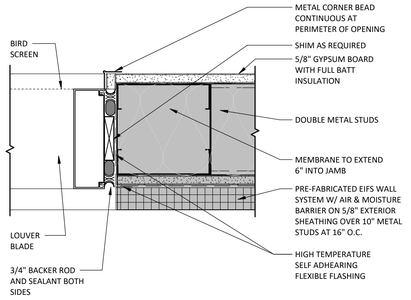
ALUMINUM HEAD AT EIFS - 6" STUD
12 3" = 1'-0"



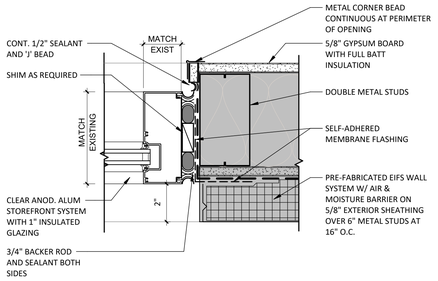
ALUMINUM STOREFRONT HEAD AT 4" EIFS - 10" STUD
8 3" = 1'-0"



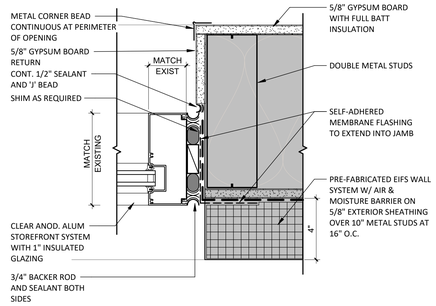
ALUMINUM STOREFRONT HEAD AT 2" EIFS - 10" STUD
4 3" = 1'-0"



15 JAMB AT EXTERIOR LOUVER
3" = 1'-0"



ALUMINUM STOREFRONT JAMB AT EIFS - 6" STUD
11 3" = 1'-0"



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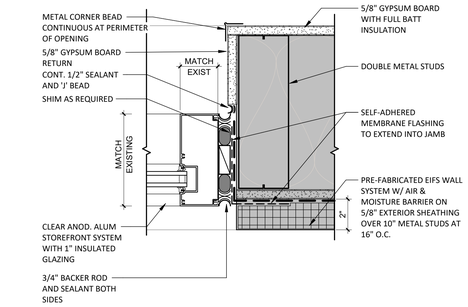
7 3" = 1'-0"



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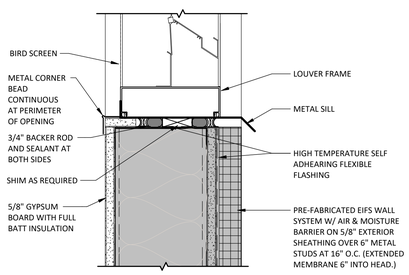
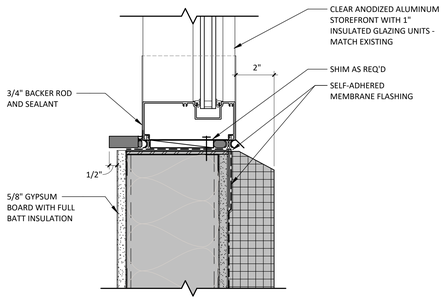
3 3" = 1'-0"



14 SILL AT EXTERIOR LOUVER
3" = 1'-0"



ALUMINUM STOREFRONT SILL E.I.F.S. - 6" STUD
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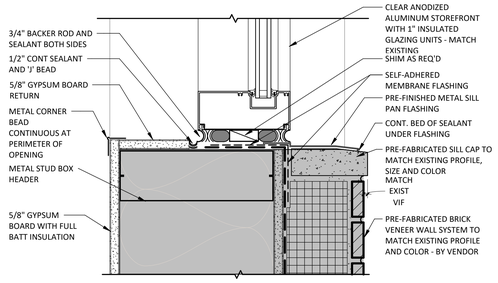
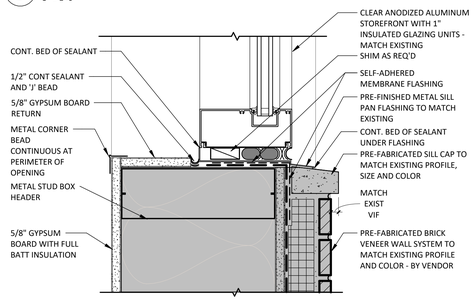
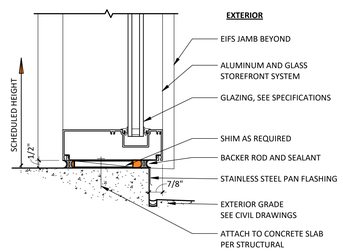


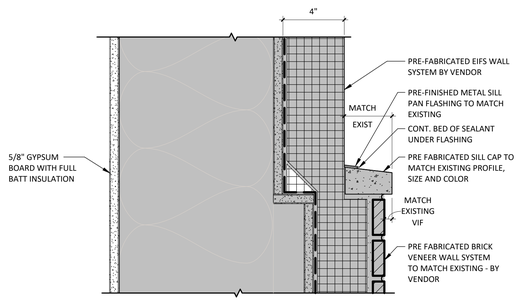
ALUMINUM STOREFRONT SILL AT BRICK VENEER - 4" EPS - 10" STUD
6 3" = 1'-0"



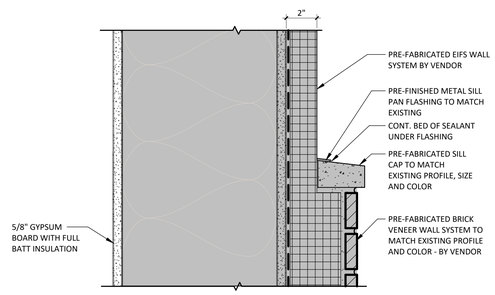
ALUMINUM STOREFRONT SILL AT BRICK VENEER - 2" EPS - 10" STUD
2 3" = 1'-0"



ALUMINUM STOREFRONT SILL AT EXTERIOR EDGE
9 3" = 1'-0"



BRICK VENEER SILL AT 4" EIFS TRANSITION - 10" STUD
5 3" = 1'-0"



BRICK VENEER SILL AT 2" EIFS TRANSITION - 10" STUD
1 3" = 1'-0"

Devenney GROUP

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NUMBER A-2021002749

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MED SURG & DIETARY EXPANSION

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2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	3" = 1'-0"
DRAWN:	
REVIEWED:	
JOB NUMBER:	6406.24

EXTERIOR WINDOW, LOUVER & BRICK SILL DETAILS

AE671

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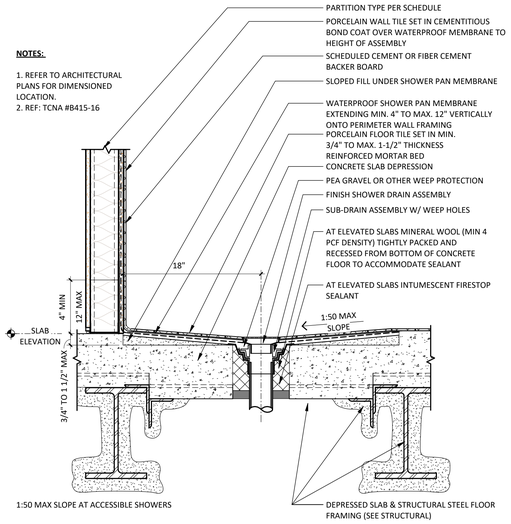
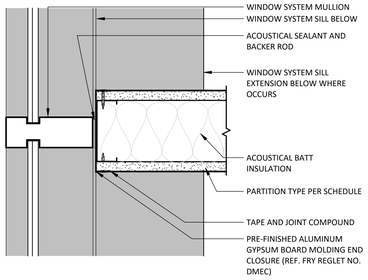
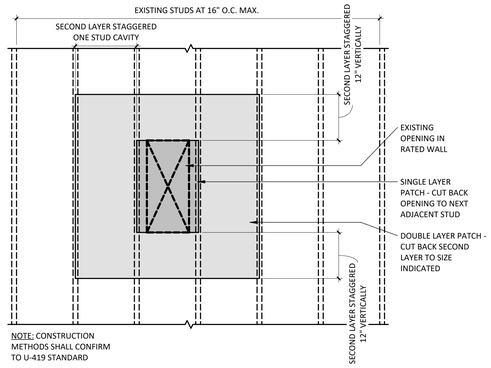


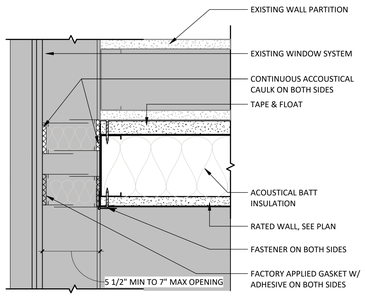
9 SHOWER WALL & RECEPTOR AT ELEVATED SLAB
1 1/2" = 1'-0"



6 CENTER PARTITION TERMINATION AT MULLION
3" = 1'-0"



3 1 & 2 HOUR RATED PARTITION PATCHING
3/4" = 1'-0"



8 RATED PARTITION TERMINATION AT EXTERIOR GLAZING
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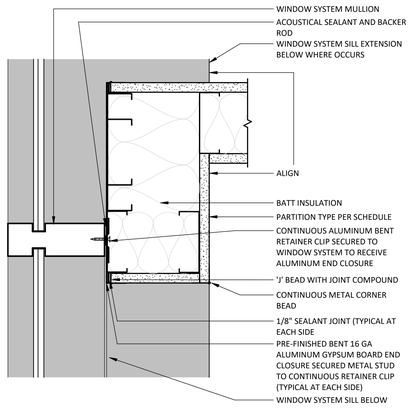

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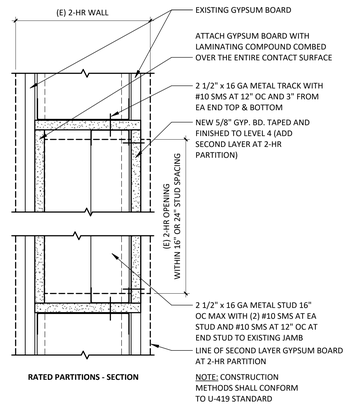
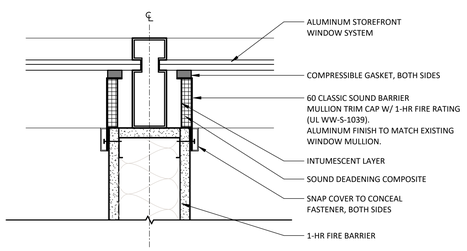


2 1 & 2 HOUR PARTITION OPENING INFILL
3" = 1'-0"



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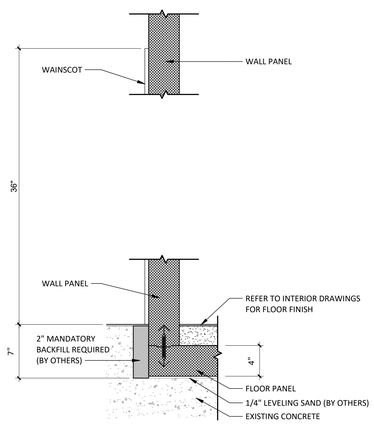
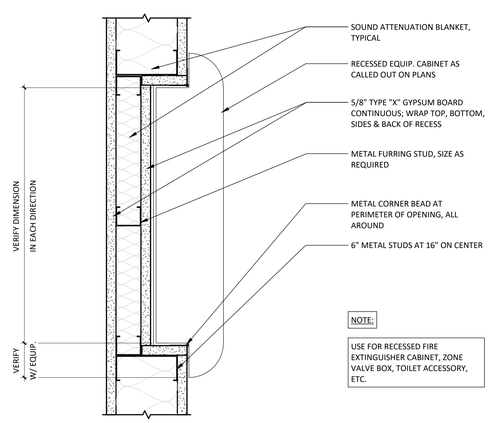
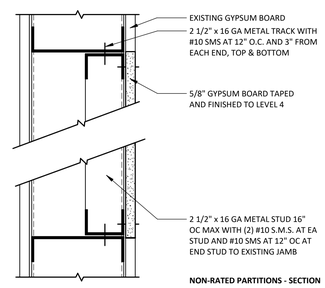
3" = 1'-0"



7 FREEZER / COOLER SLAB EDGE
1 1/2" = 1'-0"



4 RECESSED FIRE EXTINGUISHER CABINET
3" = 1'-0"



1 PARTITION OPENING INFILL NON-RATED
3" = 1'-0"

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Suite 500
Scottsdale, AZ 85251
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Consultant:

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AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
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JOB NUMBER:	6406.24

INTERIOR DETAILS

AE701

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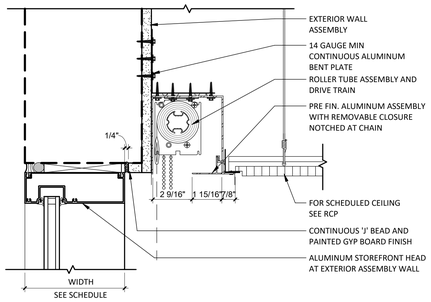
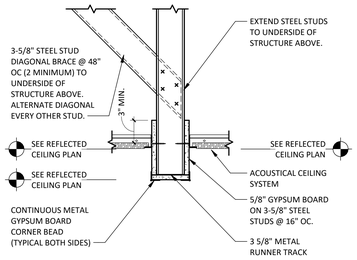


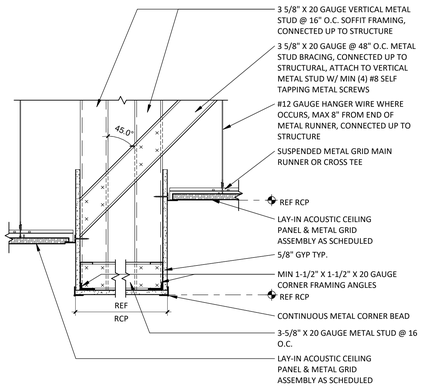
SINGLE SHADE AT ACP & EXTERIOR WINDOW

12 — 3" = 1'-0"



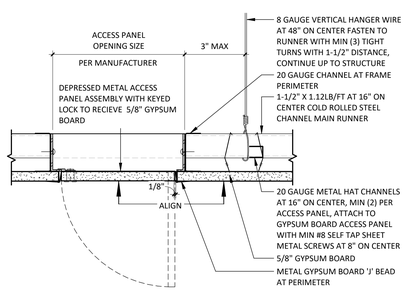
NARROW BULKHEAD

11 — 1 1/2" = 1'-0"



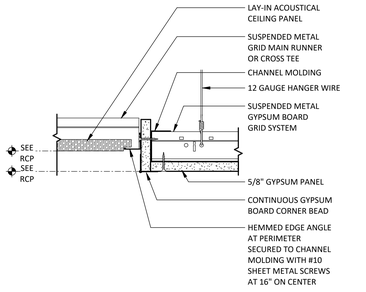
GYP BD SOFFIT TO STAGGERED APC

10 — 1 1/2" = 1'-0" — C1070



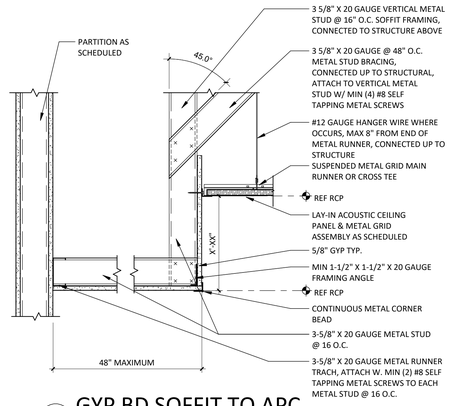
RECESSED GYPSUM BOARD ACCESS PANEL DETAIL

9 — 3" = 1'-0"



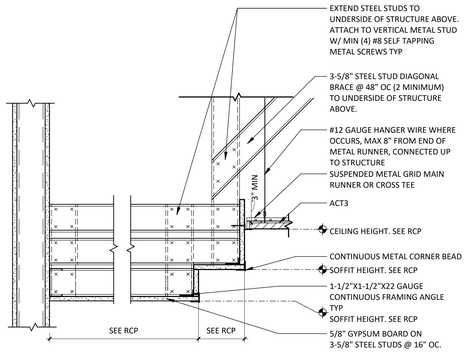
DROPPED SUSPENDED GYPSUM BOARD TO ACOUSTIC PANEL CEILING

8 — 3" = 1'-0"



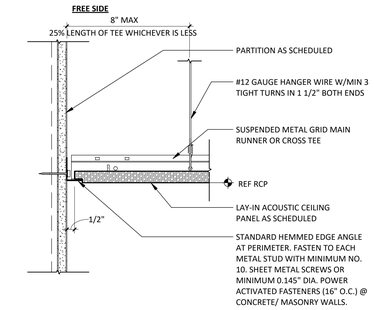
GYP BD SOFFIT TO APC

4 — 1 1/2" = 1'-0" — C1070



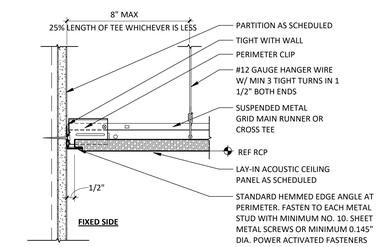
MULTI-LEVEL GYP BD SOFFIT TO ACT3

7 — 1 1/2" = 1'-0"



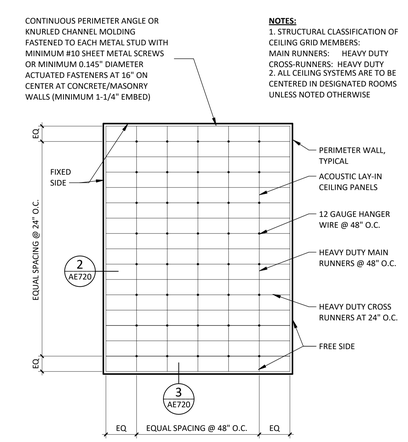
SUSPENDED LAY-IN CEILING FREE EDGE CONDITION

3 — 3" = 1'-0" — C1070



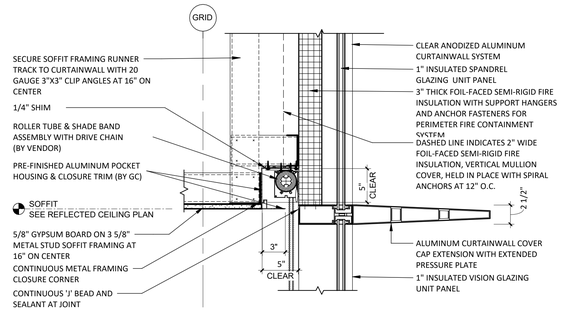
SUSPENDED LAY-IN CEILING EDGE CONDITION

2 — 3" = 1'-0" — C1070



WOODWORKS SOFFIT TRIM

6 — 1 1/2" = 1'-0"



CURTAIN WALL MULLION AT GYP CEILING

5 — 1 1/2" = 1'-0"

APC-SUSPENDED CEILING

1 — 1/8" = 1'-0" — C1070

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Scottsdale, AZ 85251

T: 602.943.8950

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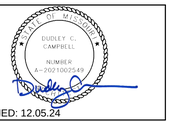
Consultant:



DATE SIGNED: 12.05.24

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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

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

CEILING DETAILS

AE720

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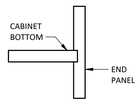
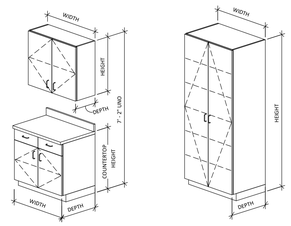
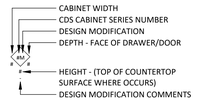
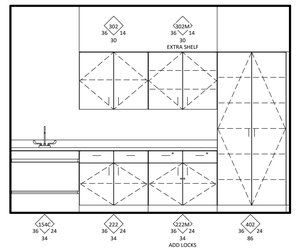


17 SEC. - UPPER CABINET EXPOSED END AT VALANCE
3" = 1'-0"



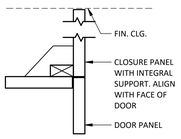




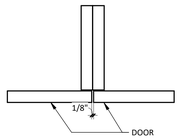
CASEWORK LEGEND
NTS

CASEWORK GENERAL NOTES

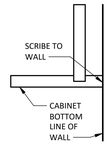
1. CABINETRY NUMBERS FOLLOW THE NORTH AMERICAN WOODWORK STANDARDS – CASEWORK DESIGN SERIES
2. REFER TO INTERIOR ELEVATIONS FOR CABINETRY INFORMATION
3. PROVIDE BLOCKING WITHIN PARTITION FOR ALL CABINETRY ATTACHED TO WALLS. SEE TYPICAL CABINET ANCHORAGE DETAIL FOR MORE INFORMATION.
4. DETAIL SECTIONS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



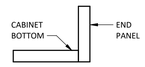
21 SEC. - UPPER CABINET CLOSURE PANEL
3" = 1'-0"



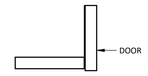
16 PLAN - CABINET TO CABINET
3" = 1'-0"



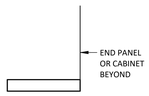
12 SEC. - UPPER CABINET BOTTOM AT WALL
3" = 1'-0"



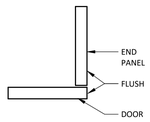
8 SEC. - UPPER CABINET EXPOSED EDGE
3" = 1'-0"



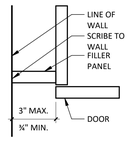
4 SEC - UPPER CABINET WITH DOORS
3" = 1'-0"



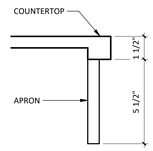
20 SEC. - UPPER CABINET OPEN
3" = 1'-0"



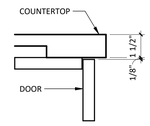
15 PLAN - END PANEL
3" = 1'-0"



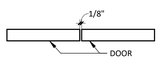
11 PLAN - FILLER PANEL
3" = 1'-0"



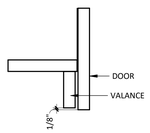
7 SEC. - KNEE SPACE / APRON
3" = 1'-0"



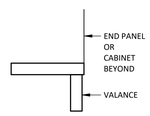
3 SEC. - COUNTER TOP WITH DOOR BELOW
3" = 1'-0"



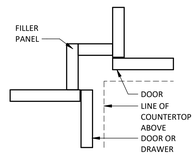
19 PLAN - DOOR TO DOOR
3" = 1'-0"



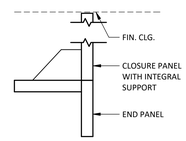
14 SEC. - UPPER CABINET WITH DOORS AT VALANCE
3" = 1'-0"



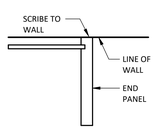
10 SEC. - UPPER CABINET OPEN AT VALANCE
3" = 1'-0"



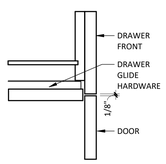
6 PLAN - INSIDE CORNER FILLER
3" = 1'-0"



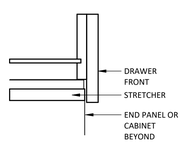
2 SEC. - UPPER CABINET CLOSURE PANEL RETURN
3" = 1'-0"



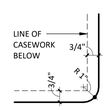
18 PLAN - END PANEL AT WALL
3" = 1'-0"



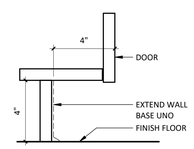
13 SEC. - DOOR TO DRAWER
3" = 1'-0"



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



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



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

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002749
DATE SIGNED: 12.05.24

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FACILITY NUMBER:
0972400009

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AGENCY

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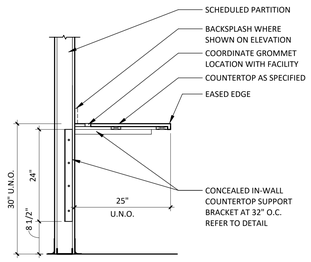
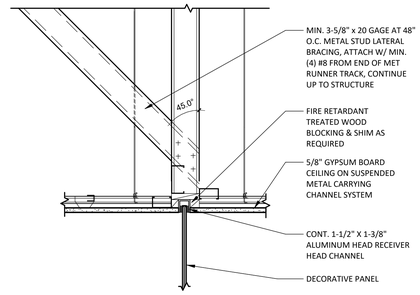
CASEWORK DETAILS & LEGEND

AE740

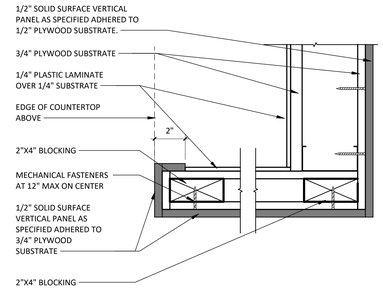
12/16/2024 7:24:34 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



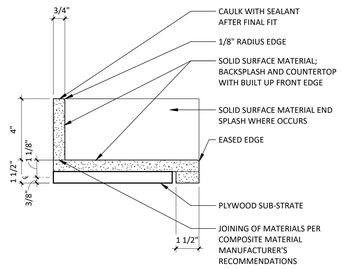
12 WORK SURFACE
3/4" = 1'-0"



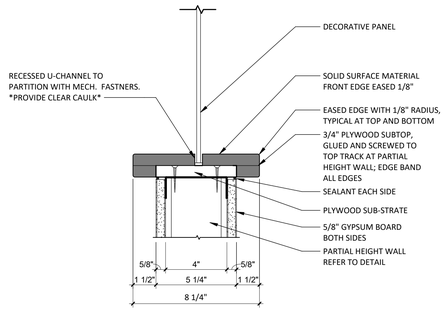
8 HEAD AT DECORATIVE PANEL
1 1/2" = 1'-0"



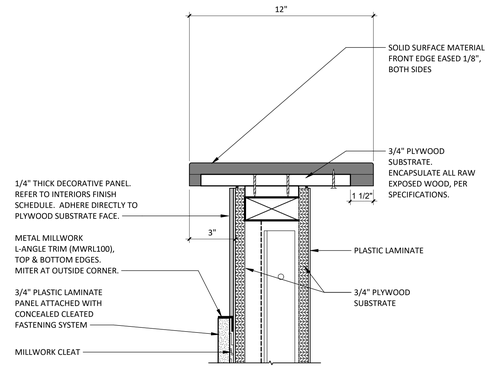
4 VERTICAL SOLID SURFACE END PANEL
3" = 1'-0"



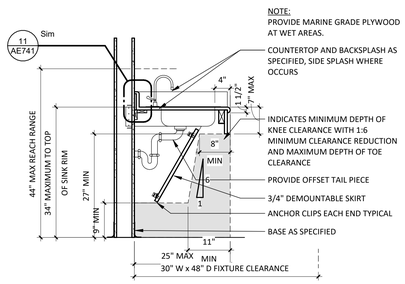
11 SOLID SURFACE COUNTERTOP
3" = 1'-0"



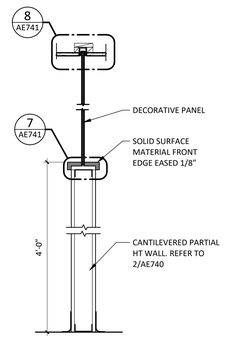
7 ENLARGED PARTIAL HEIGHT PARTITION TOP AT DEC PANEL
3" = 1'-0"



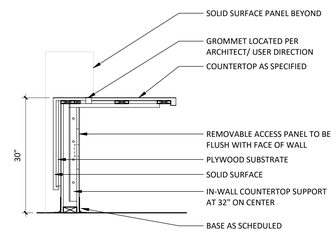
3 12" TRANSACTION TOP - ENLARGED
3" = 1'-0"



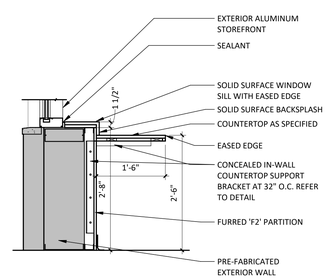
10 LAV W/ REMOVABLE PLUMBING SHIELD (NON-CAL)
3/4" = 1'-0"



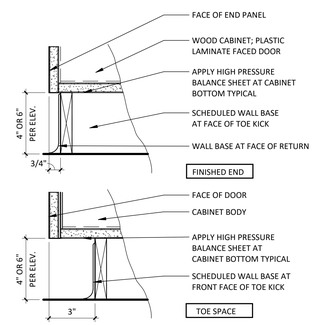
6 PARTIAL HEIGHT PARTITION W/ DECORATIVE PANEL
1" = 1'-0"



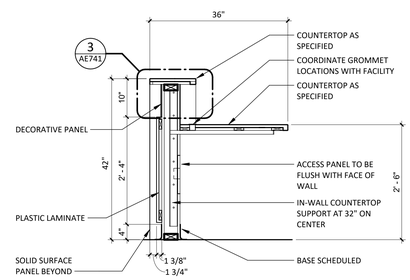
2 NURSE STATION - LOW COUNTER
3/4" = 1'-0"



9 DINING BUILT IN COUNTER
3/4" = 1'-0"



5 TOE KICK
3" = 1'-0"



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

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NUMBER A-2021002749

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LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

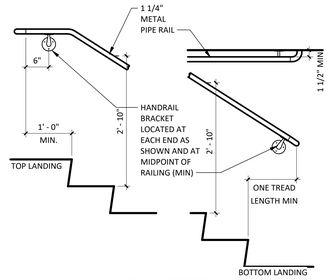
REVISIONS		
REV #	DESCRIPTION	DATE

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

MILLWORK DETAILS

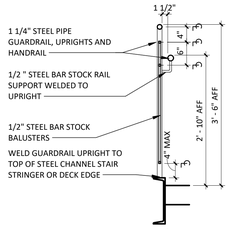
AE741

12/16/2024 7:24:42 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Med Surg & Dietary Expansion.rvt



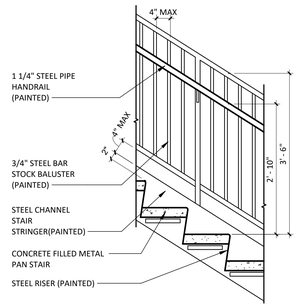
8 WALL MOUNTED HANDRAIL EXTENSIONS

3/4" = 1'-0" C1080



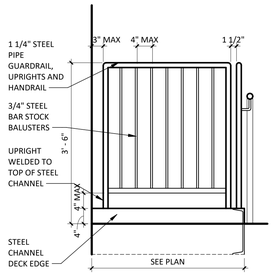
4 GUARDRAIL/HANDRAIL SECTION AT STAIR

3/4" = 1'-0" C1080



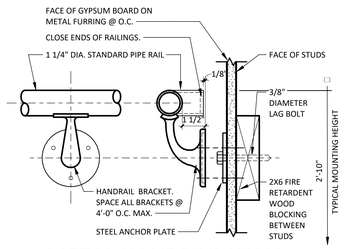
7 TYPICAL RAILING ELEVATION

3/4" = 1'-0" C1080



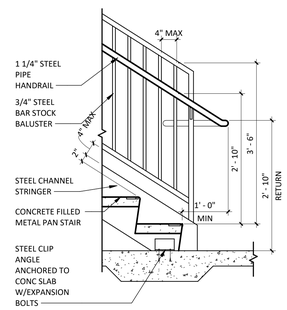
3 END RAIL AT TOP LANDING

3/4" = 1'-0" C1080



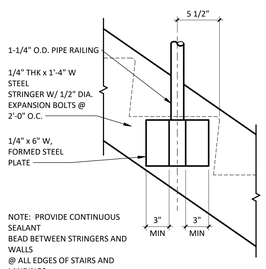
6 METAL HANDRAIL WALL BRACKET LAG BOLT

3" = 1'-0" C1080



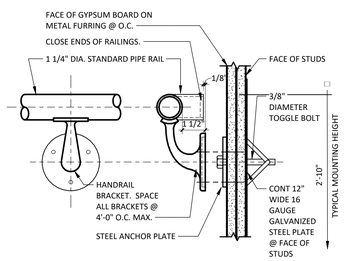
2 STAIR BOTTOM LANDING

3/4" = 1'-0" C1080



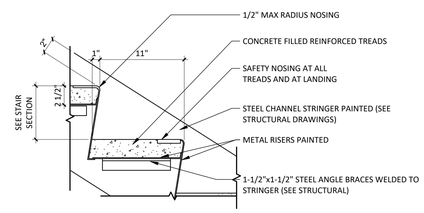
9 HANDRAIL POST MOUNTING BRACKET

1 1/2" = 1'-0" C1080



5 METAL HANDRAIL WALL BRACKET TOGGLE BOLT

3" = 1'-0" C1080



1 METAL PAN TREAD AND RISER

1 1/2" = 1'-0" C1080

Devenney GROUP

Devenney Group Ltd., Architects

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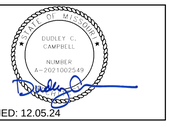
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:



DATE SIGNED: 12.05.24

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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:
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STAIR DETAILS

AE760

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FINISH SELECTIONS AND GENERAL NOTES

MATERIAL CONTACTS

Please contact the following representatives for special pricing.

MANUFACTURER	TYPE OF FINISH	NAME, EMAIL, PHONE #
Armstrong Ceilings	Acoustical Ceiling Tile	Jen Bartlett 717.396.4325 HCA@armstrong.com HPG#6924
Bennu Enterprises	Signage	Tony Hatchell 615.226.4577 tony@bennusigns.com
Carnegie Fabrics	Acoustical Panel Fabric	Tim Butler 615.479.4950 tbutler@mainsolutionsllc.com
Claridge	Marker Boards/ Tack Boards	Jeff Alldredge 314.363.6536 jeffalldredge@oedreps.com
Corian	Solid Surface	Meg Tucker 629.224.7179 mtucker@oldenkamp.com
Daltile	Ceramic Tile	Abby Finnegan 615.519.9672 abby.finnegan@daltile.com
Durasein	Solid Surface	Pam Dervarics 610.360.5825 pam.dervarics@durasein.com
Emser Tile	Porcelain Tile	Natasha Sanchez 615.918.0773 Natasha.Sanchez@emser.com
Grifform	Solid Surface Transition	www.grifform.com
Herman Miller	Lab/Pharmacy Casework	Donna Doss 615.351.3344 donna_doss@hermanmiller.com
InPro Corporation, Ferguson	Wall Protection & Shower insert	Abbey Rice 1.800.222.5556 ext 5319 arice@inprocorp.com HPG# 44661
Ketchum Walton CO.	Acoustic Panel - Fabriktrak	Kay Reinhardt 312.550.2967 kreinhardt@ketchumandwalton.com
Fry Reglet	Casework Corner Guard	Derek Sanderson dereksanderson@fryreglet.com 770.551.8749
Logistic Solutions	Floor Purchasing	Logistics Solutions LLC Customersvc@logisolutions.net 615.750.2014
Mannington	Flooring Chairrail and Base	Terri Bailey 615.427.8980 hca@mannington.com HPG#5468
MDC Wall Covering	Vinyl Wall Covering	Monica Fox 800.621.4006 mfox@mdcwall.com
Peter Pepper Products	Clocks, Markerboards & Combo Boards	www.peterpepperproducts.com
Platform Surface	Porcelain Tile	Erica Dickson 615.945.7510 edickson@platformsurfaces.com
Schluter Systems	Metal Trim	Jack Leblanc 225.483.2758 Jack Leblanc@schluter.com
Sherwin Williams	Interior Paint	Andrew Flippin Andrew.flippin@sherwin.com HPG#5893
Stonhard	Flooring, base, and Walls	Tom Burns 800.854.0310 tburns@stonhard.com HPG#5467
Penco Storage Systems	Metal Lockers	Bill Kreager 888.614.0004 bkreager@storagesystemsul.com HPG#500166
Tarkett	Stair tread/risers	Diane Drake 440.780.5717 dianedrake@tarkett.com HPG#5498
Tile Bar	Ceramic Tile	Emily Watson 775.450.5403 ewatson@tilebar.com
Uttermost	Upgraded Mirrors	www.uttermost.com
Wilsonart	Plastic Laminate	Chris Fleming 615.292.2188 fleminc2@wilsonart.com
3form	Poly Resin/Glass	Jenna Harris 615.708.3126 jenna.harris@3-form.com

CEILINGS

CODE	ITEM	TYPE/ LOCATION	MANUFACT.	DESCRIPTION
ACT1	Acoustical Ceiling Tile - General	General, Back of House, Staff Areas	Armstrong	"Fine Fissured High NRC" 1754 Medium Texture 24"x48" Square Lay-In with 15/16" Prelude XL Grid, Factory Painted White NRC: 0.75, CAC: 35
ACT2	Acoustical Ceiling Tile - Upgraded	Upgraded Public or Patient Areas	Armstrong	"Ultima Healthzone High NRC" 1445 Fine Texture 24"x24" Square Lay-In with 15/16" Prelude XL Grid, Factory Painted White NRC: 0.80; CAC: 35
ACT3	Acoustical Ceiling Tile -	Lab/ Kitchen	Armstrong	"Ultima Healthzone" High NRC 1445 Fine Texture 24"x24" Square Lay-In with 15/16" Prelude Plus Fireguard XL Grid, Factory Painted White. NRC: 0.80, CAC: 35
ACT4	Acoustical Ceiling Tile - Scrubbable	Scrubbable Ceilings	Armstrong	"Clean Room VL Unperforated" 868 Smooth Texture 24"x24" Square Lay-In with 15/16" Clean Room Grid, Factory Painted White CAC: 40
ACT5	Acoustical Ceiling Tile - Specialty	Feature Areas	Armstrong	Metal Works Linear Classics 8122 KXCB Plank Size: 10" x 96" unperforated Suspension: 7177 Color: Cocoa Bean FXCB Bioacoustic infill panel color: Black Notes: Class A, Utilize all necessary trim pieces, sprinkler heads to be finished to match wood grain.
EXP	Exposed Ceiling	See Finish Plans		
GYP	Gypsum Board Ceiling	See Finish Plans		See WALLS section for ceiling paints.

WALLS

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
CWT1	Ceramic Wall Tile	Walls- Field	Daltile	Pattern: Artcrafted Color:Tide, AC29 Glossy Size: 3"x"12" Grout: Laticrete, Spectralock Pro Premium Grout Color: light Pewter 90 Grout Joint:1/8" Installation Method: 1/3rd overlay
DCP1	Decorative Polyresin Panel	Med Surg Nurse Stations	3form	Varia Ecoresin Color: Specialty Wave Sage + Avalanche (D01) LID # 1093997 Size: 3/8" thick Front: Wave Emboss Back: Sandstone
DGWP1	Decorative Glass Wall Panel	Dietary	3form	Glass Panel Color: Ombre Frosted Size: 1/4" thick LID # TBD
EW1	Poured Epoxy Walls	Kitchen Walls	Stonhard	Style: Stoneglaze VSE Color: Ash Gray Height: Full height
EP1	Epoxy Paint	Walls- General -Med Surg	Sherwin Williams	Color: SW6141 Softer Tan Formula/Finish: Eg-shell Water-Based Epoxy
EP2	Epoxy Paint	Walls- Accent -Med Surg	Sherwin Williams	Color: SW6222 Riverway Formula/Finish: Eg-shell Water-Based Epoxy
EP3	Epoxy Paint	GYP Ceilings	Sherwin Williams	Color: SW7007 Ceiling Bright White Formula/Finish: Eg-shell Water-Based Epoxy
EP4	Epoxy Paint	Walls- Accent -Dietary	Sherwin Williams	Color: SW6219 Rain Formula/Finish: Eg-shell Water-Based Epoxy
EP5	Epoxy Paint	Walls- Accent -Medsurg	Sherwin Williams	Color: SW7508 Tavern Taupe Formula/Finish: Eg-shell Water-Based Epoxy
EP6	Epoxy Paint	Walls- Accent -Dietary	Sherwin Williams	Color: SW6221 Moody Blue Formula/Finish: Eg-shell Water-Based Epoxy
P1	Wall Paint	Walls- General -Med Surg	Sherwin Williams	Color: SW6141 Softer Tan Formula/Finish: Latex Eggshell
P2	Wall Paint	Walls- Accent -Med Surg	Sherwin Williams	Color: SW6219 Rain Formula/Finish: Latex Eggshell
P3	Wall Paint	Walls- Accent -Med Surg	Sherwin Williams	Color: SW7508 Tavern Taupe Formula/Finish: Latex Eggshell
P4	Wall Paint	Walls- Accent -Med Surg	Sherwin Williams	Color: SW6222 Riverway Formula/Finish: Latex Eggshell
P5	Ceiling Paint	GYP Ceilings	Sherwin Williams	Color: SW7007 Ceiling Bright White Formula/Finish: Latex Eggshell
P6	Metal Paint	Door Frames Inter. Metal Doors, Metal Door Lite, Stair Rail, Stringers & Risers -Med Surg	Sherwin Williams	Color: Black Bean SW6006 Formula/Finish: Semi Gloss Alkyd Enamel Note: For INTERIOR doors ONLY, See architectural drawings and specifications for all exterior finishes.
P7	Wall Paint	Walls- General -Dietary	Sherwin Williams	Color: SW9166 Drift of Mist Formula/Finish: Latex Eggshell
P8	Wall Paint	Walls- accent -Dietary	Sherwin Williams	Color: SW6221 Moody Blue Formula/Finish: Latex Eggshell
P9	Wall Paint	Door Frames Inter. Metal Doors, Metal Door Lite, Stair Rail, Stringers & Risers -Dietary	Sherwin Williams	Color: Thunder Gray SW7645 Formula/Finish: Semi Gloss Alkyd Enamel Note: For INTERIOR doors ONLY, See architectural drawings and specifications for all exterior finishes.
P10	Detail Paint	Storage/ Supply	Sherwin Williams	Color: SW6868 Real Red Formula/Finish: Latex Eggshell
PWT1	Porcelain Wall Tile	Walls- Field	Tile Bar	Pattern: Portmore Color: White, Glossy Size: 3"x8" Grout: Laticrete, Spectralock Pro Premium Grout Color: Light pewter 90 Grout Joint:1/8"
PWT2	Porcelain Wall Tile	Walls- Accent	Tile bar	Pattern: Portmore Color:Sky Size: 3"x8" Grout: Laticrete, Spectralock Pro Premium Grout Color: Light pewter 90 Grout Joint:1/8"
PWT3	Porcelain Wall Tile	Walls- Accent	Emser Tile	Pattern: Milestone Color: Dust Size: 12"x24" Grout: Laticrete, Spectralock Pro Premium Grout Color: Light pewter 90 Grout Joint:1/8"

METAL TRIM

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
SCH1	Tile Cove Piece	Walls- Tile	Schluter Systems	Dilex-AHK Finish: Brushed Nickel Anodized Aluminum
SCH2	Tile Edge Trim	Walls- Tile	Schluter Systems	Jolly Aluminum Finish: Brushed Nickel Anodized Aluminum
SCH3	Wall Tile to Resilient Flooring	Walls- Tile	Schluter Systems	Schluter -VInpro-S 11 mm lip, Finish: Alum

BASE

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
EB1	Epoxy Base	Walls- Poured Epoxy	Stonhard	Series: Stonclad UT Color: Pewter Height:6"H
IB	Integral Sheet Vinyl Base	Walls- Sheet Vinyl	Mannington	Series and Color: To Match Sheet Vinyl Flooring Height: 6"H Outside Corner: Boot Adhesive: Manufacturer Recommended Notes: Flash cove up walls to form self coved integral base.
PTB1	Porcelain Tile Base - factory cut	Walls- Tile	Emser Tile	Pattern: Milestone Color: Moon Size:cut 6"x24" Grout: Laticrete, Spectralock Pro Premium Grout Color: 24 Natural Gray Grout Joint:3/16" Utilize SCH2 Jolly as cap to the tile base.
RB1	Rubber Base	Walls- General -Medsurg	Mannington	Style: Optimum Edge TP rubber Height: 4"H, 1/8" thick Color: 104 Fudge Adhesive: Manufacturer Recommended Notes: Coved and continuous rolls. Miter inside corners. Do NOTuse pre-molded outside corners. If installed over sheet wall protection, utilize Mannington's premium contact adhesive.
RB2	Rubber Base	Walls- upgraded -Medsurg	Mannington	Style: Edge Effects, Elegance EEELE rubber wall base Height: 6"H Color: 104 Fudge Adhesive: Manufacturer Recommended Notes: Miter cut all joints. Utilize matching quarter round EEQRT when installed on top of hard surface. If installed over sheet wall protection, utilize Mannington's premium contact adhesive.
RB3	Rubber Base	Walls- Dietary.	Mannington	Style: Optimum Edge TP Rubber rubber wall base Height: 4" H Color: Mocha 597 Adhesive: Manufacturer Recommended Notes: Miter cut all joints. If installed over sheet wall protection, utilize Mannington's premium contact adhesive.

FLOORING

CODE/ KEY	ITEM	LOCATION	MANUFACT.	DESCRIPTION
EF1	Epoxy Flooring	Floors	Stonhard	Style:Stonclad UT Color: Pewter Light Texture Note: Utlize Stonhards Stonproof ME7 membrane and Texture #3 Broadcast for waterproofing
LVT1	Luxury Vinyl Tile	Floors- Field- Med Surg	Mannington	Style: Amtico Signiture Wood Collection Color: Merbau AROW7590 Size: 7.25" x49" x 2.5 mm thick Adhesive: Manufacturer Recommended
LVT2	Luxury Vinyl Tile	Floors- Accent - Med Surg	Mannington	Style: Amtico Signiture Wood Collection Color: Manor Oak AROW7970 Size: 7.25" x 48" x 2.5 mm thick Adhesive: Manufacturer Recommended
LVT3	Luxury Vinyl Tile	Floors- Accent - Med Surg	Mannington	Style: Amtico Collection Color: Stria Basalt AROSMS43 Size: 12"x 24" x 2.5 mm Adhesive: Manufacturer Recommended
PTF1	Porcelain Tile Floor	Floors- Field	Emser Tile	Style: Fixt Stone Matte Color: Gray Size: 12"x24" x 3/8" thick Grout: Laticrete, Spectralock Pro Premium Grout Color: 24 Natural Gray Grout Joint:1/8" Installation/Overlay: 1/3rd offset
PTF2	Porcelain Tile Floor	Floors- Medsurg	Emser Tile	Style: Milestone Color: Moon Size: 12"x24" x 3/8" thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: 24 Natural Gray Grout Joint: 1/8" Installation/Overlay:1/3rd offset
RF1	Rubber Treads & Risers	Stairs	Tarkett	Style: Visually Impaired Stair Tread w/Integral Riser PVIRNRDTR-38 Color: 38 Pewter CG Texture: Rounded Adhesive: Manufacturer Recommended Accent Strip:20 Charcoal
SC	Sealed Concrete	Floors	Sherwin Williams	Style: Armorseal Treadplex Color: Haze Gray Notes: See architectural specifications for information
SVF1	Sheet Vinyl Floor	Floors- Field	Mannington	Style: Biospec MD Color: New Glacier 15364 Roll Width: 6'-6" x 0.080" Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod 842361 Cream *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*
SVF2	Sheet Vinyl Floor	Floors- Slip Resistant	Mannington	Style: Assurance III Color: Cremello 16349 Roll Width: 6'-6" x 0.080" Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod 842322 Off White *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*

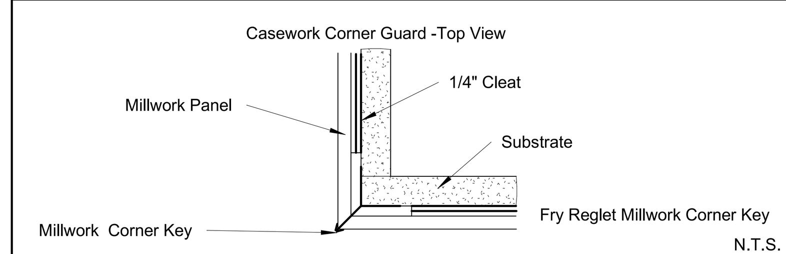
FLOORING TRANSITION STRIPS

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
TS1	Transition Strip	Porcelain/ Ceramic to 1/8" Resilient	Grifform	Ramping TRT#, 1/8" Beveled Corian Color: Concrete See Flooring for detail note about Ramp size.
TS2	Transition Strip	LVT to SVF	Sheet Flooring	*Manufacturer*, Weld Rod# *Utilize 2 coats of Quantum Guard HP Seam Coater Pen on Weld Rods
TS3	Transition Strip	1/8" Resilient to Concrete	Schluter Systems	Vinpro- U, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS4	Transition Strip	New Floor to Existing Flooring	Schluter Systems	Contractor to submit ADA compliant transition from that is appropriate for new/existing flooring heights. Stainless Steel ONLY
TS5	Transition Strip	Poured Epoxy Floor to Porcelain Tile/Resilient at doorway	Grifform	Threshold TT2 2" Deep 1/8" Beveled on each side Corian Color: Concrete
TS6	Existing	Subfloor Leveler Ramping solutions	Mannington	Subfloor Leveling transition 189 Wide Reducer Notes: Ulitize to create ADA compliant transition
TS7	Transition Strip	Epoxy Floor to Porcelain in middle of room	Stonhard	Stonhard built in place transition

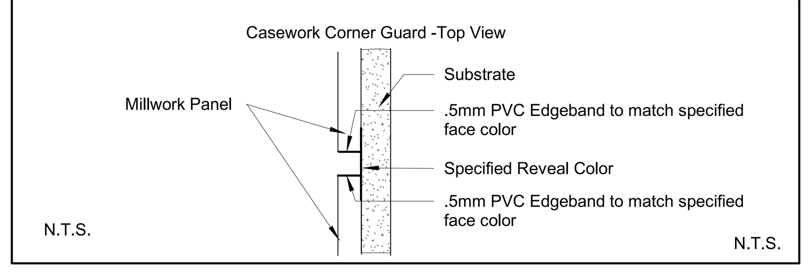
CASEWORK

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
MC1	Millwork Corner	Misc. Casework Corners	Fry Reglet	Item: Millwork Corner Key Angle: 3/16" wing Finish: Clear Anodized Aluminum
FR1	Millwork Corner	Casework Reveal trim	Fry Reglet	Item: Millwork Channel Post Angle: 1/4" Finish: Clear Anodized Aluminum
PL1	Plastic Laminate	Vertical Surfaces/ Interior Doors	Wilsonart	Pattern: Williamsburg Cherry 7936K Finish: 07 textured gloss, Aeon Scratch Resistance
PL2	Plastic Laminate	Vertical Surfaces Accent	Wilsonart	Pattern: Raleigh Walnut 17015K Finish: 67 Aligned Walnut, Aeon Scratch Resistance
PL3	Plastic Laminate	Vertical Surfaces/Interior Doors/ Med surg	Wilsonart	Pattern:Pinnacle Walnut 7992 Finish:38 Fine Velvent Texture, Aeon Scratch Resistance
QZ1	Quartz	Servery Countertops	Corian	Pattern: London Abbey Finish:Polished Thickness: 3cm
SS1	Solid Surface	Countertops -Medsurg general	Corian	Color: Clam Shell Thickness: 1/2" Edge Profile: Eased w/1.5" Apron
SS2	Solid Surface	Transaction - Medsurg Nurse station	Corian	Color: Concrete Thickness: 1/2" Edge Profile: Eased w/1.5" Apron
SS3	Solid Surface	Transactions/ Countertops	Durasein	Color: Sun Kissed DM5044 Thickness: 1/2" Edge Profile: Eased w/ 1.5" apron
SS4	Solid Surface	Window stools/ columns	Solid Surface	Color: Cameo White Thickness: 1/2" Edge Profile: Eased
SS5	Solid Surface	NeoPod surfaces and shower pan	Inpro/ Ferguson	Color: Bright White
	Casework Interior	Casework Interior Melamine	See Architectural Specs	Color: White See Architectural Sheets for further details.

MILLWORK CORNER DETAIL



MILLWORK EDGE DETAIL



MISCELLANEOUS

Contractor Provided/Installed Items

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
AP1	Acoustical Panel- Tackable	Dictation/ Nurse Station Casework	Ketchum Walton Co.	Fabritrak Stretched Fabric Wall System Profile: 1", S Square NRC Rating of: 0.75 Fire Rating: Class A Notes: Utilize tackable Core, Micore Fabric Manufacturer: Carnegie Pattern: Meteor Color: 6427 703 Notes: See Acoustical Panel section for more information
AP2	Acoustical Panel- Tackable	Dining	Ketchum Walton Co.	AVL Systems, AcousTech- Profile: Contour 2.0 2" Flat panel Custom Sizes: - to be finalized in shop drawings NRC Rating of: 1.10 Fire Rating: Class A Notes: Utilize tackable Core, Micore Fabric Manufacturer: Carnegie Pattern: Xorel, Meteor Color: A: 6427 2031 B: 6427 2032 C: 6427 703 Notes: See Acoustical Panel section for more information
CL1	Clocks	See finish plans	Peter Pepper Products	Style: 820 Face: 37 Bezel Finish: Diameter: 13-7/8" Notes: Flush Acrylic Cover, Wall Mount, Atomic, Battery Operated
D1	Doors	New Interior Arch. Doors	See Arch. Specs	Finish: PL1
LK1	Lockers	Locker Room	Penco	Color: Canvas Notes: See architectural specifications for more information on style/sizes
MB1	Marker- Board	Med Surg Patient Rooms	Claridge	Style: 2900 Series Patient Information Board 1 3/4" Flat Face Trim w/Radius Corners Size: 2' x 3' with Pencil Rail Custom Graphic to be provided by facility Mounting Height: TBD by Facility
MB2	Marker- Board	See finish plans	Claridge	Style: 2900 Series Markerboard 1 3/4" Flat Face Trim w/Radius Corners Porcelain enamel steel writing surface Size: 5'H x 4'L Finish: Mohagany Stain Mounting Height: TBD by facility
MR1	Decor. Mirror	Upgraded Toilets	Uttermost	Frame: Aramis 09605 Size: 24"x36"
#	Signage	See sign plans	Bennu Enterprises	Style: to Match Facility Standards Notes: Allow a 5% allowance in bid
TB1	Tack Board	See finish plans - Med Surg	Claridge	Style: 2900 Wood Framed Tackboard Size: 4' x 4' Cork Color: Natural Tan Nucork Frame Finish: Mahogany Stain Mounting Height: TBD by Facility

WALL PROTECTION ITEMS

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
	Corner Guard 3" Partial Height	Corners- 90 degree	InPro	Style: 150BN Color: See Wall Protection Color Legend Retainer: Vinyl Height: 48" Notes: Install above wall base. Utilize top and bottom caps.
	Corner Guard 3" Full Height	Corners- 90 degree	InPro	Style: 150BN Color: See Wall Protection Color Legend Retainer: Vinyl Height: Full Height Notes: Install above wall base. Utilize top and bottom caps.
	Corner Guard 3" Partial Height	Corners- End Walls	InPro	Style: 150DBN Color: See Wall Protection Color Legend Retainer: Vinyl Height: 48" Sheet Texture: Velvet Notes: Install above wall base. Utilize top and bottom caps.
	Corner Guard 3" Full Height	Corners- End Walls	InPro	Style: 150DBN Color: See Wall Protection Color Legend Retainer: Vinyl Height: Full Height Sheet Texture: Velvet Notes: Install above wall base. Utilize top and bottom caps.
	Corner Guard 3.5" 8' High	Corners- 90 degree -Kitchen	InPro	Style: Stainless Steel Corner Gaurds Color: Stainless Steel, #4 satin finish Retainer: Stainless Steel Height:8' 16 Gauge thickness Notes: Install above poured wall base. Utilize top and bottom caps.
See Below	Hand Rail- Wood	See plans	InPro	Style: 3520WV Silhouette with wood hand rail and vinyl bumper Height: 7-7/8" Wood Finish: Crown Cherry Vinyl Color: See Wall Protection Color Legend
See Below	Hand Rail- Vinyl	See plans	InPro	Style: 1200 Height: 6-1/4" Vinyl Color: Crown Cherry 0545
See Below	Crash Rail- Vinyl	See plans	InPro	Style: 1600 Height: 6" Vinyl Color: See Wall Protection Color Legend
See Below	Bumper Rail- Vinyl	See plans	InPro	Style: 1300 w/mounting cushion Height: 4-1/16" Vinyl Color: See Wall Protection Color Legend
See Below	Rigid Sheet- Vinyl	See plans	InPro	Style: Rigid Vinyl Sheet Wall Protection Thickness: 0.060" Texture: Velvet Vinyl Color: See Wall Protection Color Legend Notes: Utilize vinyl seal caulk at seams, NOT vinyl trim pieces. Factory-cut sheets, do NOT field-cut. DO NOT APPLY RIGID SHEET TO ANY EXTERIOR WALL.

WALL PROTECTION COLOR LEGEND

WALL PAINT COLOR	LOCATION	WALL PROTECTION COLOR
P1	Medsurg	Oatmeal 0239
P2	Medsurg	Serenity 0166
P3	Medsurg	Hickory 0377
P4	Medsurg	English Green 0125
P7	Dietary	Feather 0238

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STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002549
ARCHITECT

DATE SIGNED: 12.05.24

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LSMC MEDSURG AND 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:

REVISIONS		
REV #	DESCRIPTION	DATE

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

GENERAL FINISH SPECIFICATIONS AND NOTES

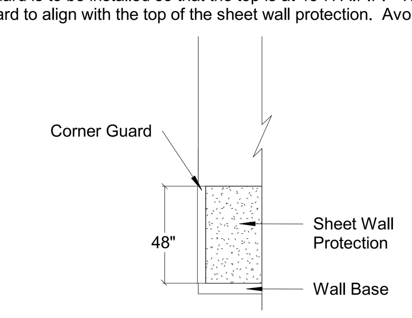
AF001

12/4/2024 6:31:26 PM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/LSMC Med Surg & Dietary Expansion IDS_R23.rvt

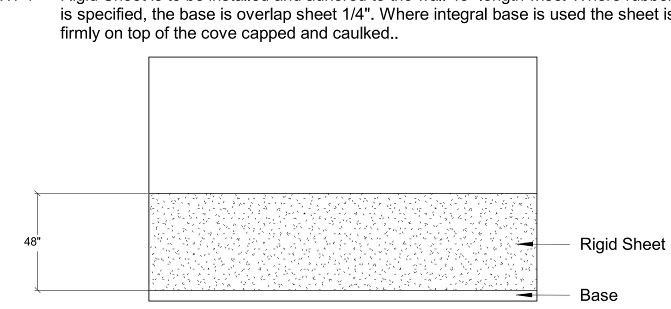
FINISH SELECTIONS AND GENERAL NOTES

WALL PROT. CONFIGURATIONS

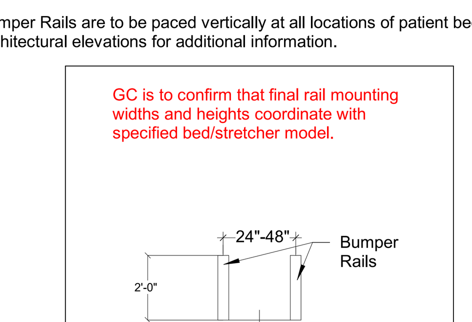
Partial Height/Surface Mount Corner Guard - Elevation View
Corner Guard is to be installed so that the top is at 48"H A.F.F. The intent is for the top of the corner guard to align with the top of the sheet wall protection. Avoid field cutting.



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

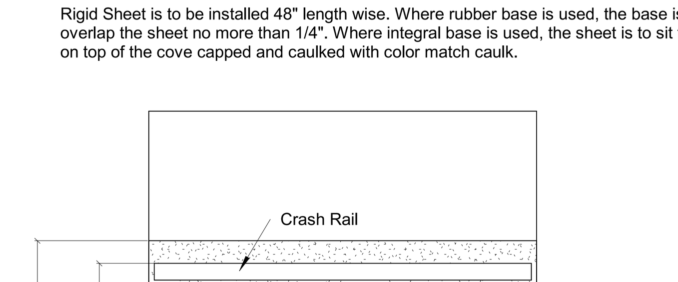


WP2- Bumper Rails are to be paced vertically at all locations of patient beds / stretchers. See architectural elevations for additional information.

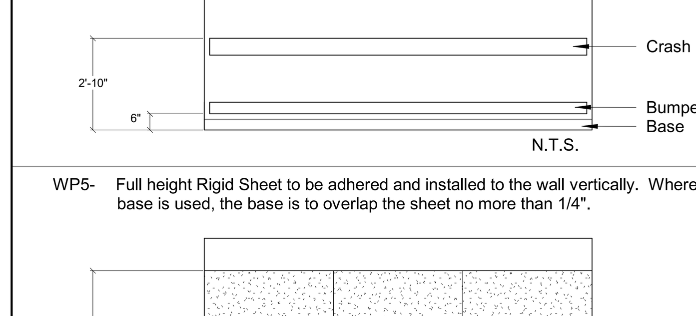


WP3- Crash Rail is to be mounted at 34" A.F.F. to top of rail. Rigid sheet below is to be installed 1/4" behind base. Crash Rail is to stop 2" before all door frames, fire extinguisher cabinets, wall openings and corner guards.

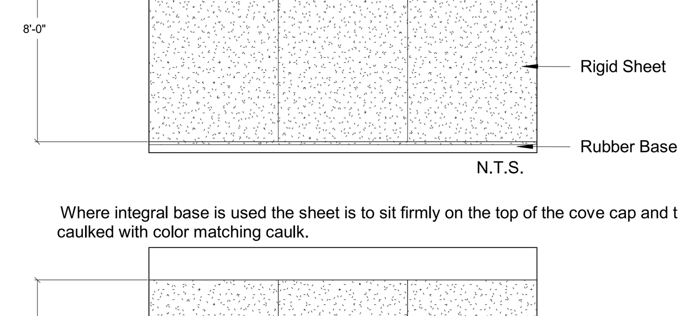
Rigid Sheet is to be installed 48" length wise. Where rubber base is used, the base is to overlap the sheet no more than 1/4". Where integral base is used, the sheet is to sit firmly on top of the cove capped and caulked with color match caulk.



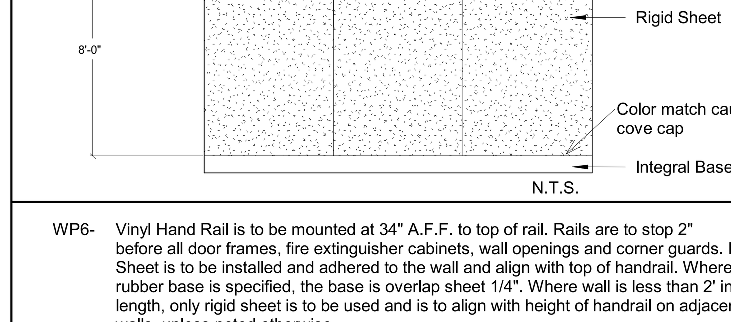
WP4- Crash Rail is to be mounted at 34" A.F.F. from bottom of rail. Bumper Rail to be mounted at 6" A.F.F. from bottom of rail. Rails to stop 2" before all door frames, fire extinguisher cabinets, wall openings and corner guards.



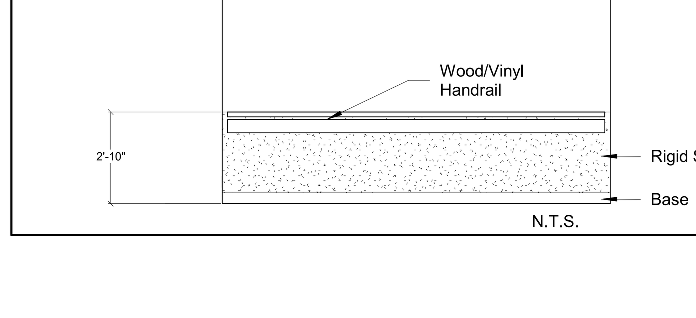
WP5- Full height Rigid Sheet to be adhered and installed to the wall vertically. Where rubber base is used, the base is to overlap the sheet no more than 1/4".



Where integral base is used the sheet is to sit firmly on the top of the cove cap and to be caulked with color matching caulk.

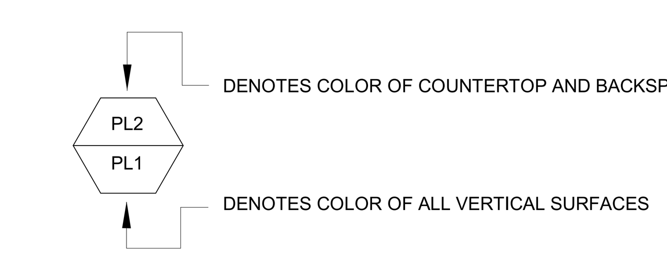


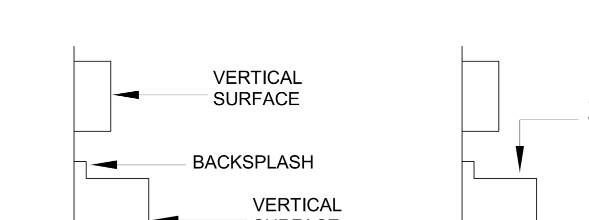
WP6- Vinyl Hand Rail is to be mounted at 34" A.F.F. to top of rail. Rails are to stop 2" before all door frames, fire extinguisher cabinets, wall openings and corner guards. Rigid Sheet is to be installed and adhered to the wall and align with top of handrail. Where rubber base is specified, the base is overlap sheet 1/4". Where wall is less than 2' in length, only rigid sheet is to be used and is to align with height of handrail on adjacent walls, unless noted otherwise.



LEGEND

CEILING FINISH →	ACT1
WALL FINISH →	P1
BASE →	RB1
FLOORING →	C1





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

GENERAL NOTES

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

A: GENERAL FINISHES

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

Ceiling Tile:	Provide 1 (one) full carton for each product type used.
Interior Paint:	Provide 1 (one) gallon per type/color/finish. Each container MUST have the formula clearly indicated.
Corner Guard Covers:	Provide 2% overage per type/color, no fewer than 2 (two) units.
Handrail/Wall Guard Covers:	Provide 2% overage per type/color, no fewer than 2 (two) 8'-0" long units.
Ceramic Tile:	Provide 3% overage per type/color/finish/size.
Porcelain Base/Tile:	Provide 3% overage per type/color/finish/size.
Rubber Base:	Provide 8 linear feet per type/color for every 500 linear feet installed, or a minimum of 8 linear feet.
Rubber Chair Rail:	Provide 8 linear feet per type/color for every 500 linear feet installed, or a minimum of 8 linear feet.
Luxury Vinyl Tile:	Provide 1 (one) box per type/color for every 50 boxes installed, or a minimum of 1 (one) box.
Sheet Vinyl Flooring:	Provide 10 linear feet per type/color for every 500 linear feet installed, or a minimum of 10 linear feet.

3. Submittal requirements: Contractor is to provide submittals to the Interior Designer for approval prior to fabricating or purchasing materials. All submittals are to be clearly marked with manufacturer, style color and Finish Material Legend code.
   3.1 Electronic submittals are acceptable for all product data, shop drawings and samples. **Paint draw downs and wall protection color samples require physical samples, no exceptions.** For finish samples, a photo of front of sample, as well as manufacturer label, is required.
4. Interior Architectural Door material is to be : Plastic Laminate
   14.1 Door finish is to be: PL1.
5. If casework does not have a finish call-out symbol, the selection will be made in the shop drawings.
6. The locker material is to be: Metal
   6.1 The locker finish is to be: LK1
7. The shower WALL material is to be: Solid Surface
   7.1 The shower WALL finish is to be: SS5
8. The shower FLOOR material is to be: Prefabricated Pan.
   8.1 The shower FLOOR finish is to be: SS5
9. Wood grain laminates are to be installed so that the grain runs in a vertical direction, unless otherwise noted on architectural casework drawings.
10. The window stool material is to be: Solid Surface
    10.1 The window stool finish is to be: SS4
11. To avoid variances and dye lot issues on phased projects, the full amount of project finish materials need to be purchased at one time.

B: CEILING

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

C: PAINT

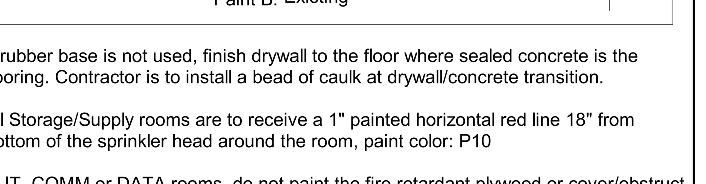
1. Prior to the application of paint, the contractor is to repair new or existing surfaces by patching, smoothing and sanding as needed to achieve a surface acceptable for the application of new finish. Prepare door frames or metal surfaces by sanding by chips/burrs, filling dents and caulking cracks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

GYPSUM BOARD WALLS AND SOFFITS	
Eggshell Waterbased Epoxy	Janitors Closets, Toilets, Soiled Areas, Sterile Areas, Kitchens, ISO Pat Rms.
Latex Eggshell	All Other Areas

GYPSUM BOARD CEILINGS	
Egshell Waterbased Epoxy	Showers, Soiled Areas, Kitchen, Sterile
Latex Eggshell	All Other Areas

INTERIOR METAL SURFACES	
Semigloss Alkyd Enamel	Door Frames, Metal Doors, View Window Sills/Frames, Shelving, Previously painted Wood Trim, Previously painted Metal.

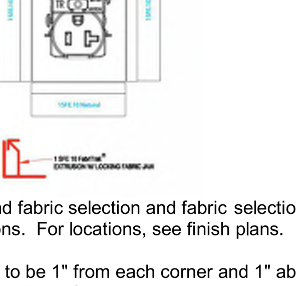
7. All prefinished store front windows or factory prefinished frames should not be painted unless otherwise directed architect or Interior Designer.
8. Paint all horizontal surfaces on soffits over upper casework to match the vertical wall unless otherwise noted. Soffits indicated to receive accent paint are to be painted on all three sides. THE BOTTOM OF THE SOFFIT IS TO BE PAINTED THE SAME ACCENT COLOR AS THE SOFFIT SIDES, NOT CEILING WHITE.
9. In the case where a door frame receives a paint color on one side and another paint color on the opposite side of the door, the transition shall occur on the inside corner of the jamb stop.



10. If rubber base is not used, finish drywall to the floor where sealed concrete is the flooring. Contractor is to install a bead of caulk at drywall/concrete transition.
11. All Storage/Supply rooms are to receive a 1" painted horizontal red line 18" from bottom of the sprinkler head around the room, paint color: P10
12. In IT, COMM or DATA rooms, do not paint the fire retardant plywood or cover/obstruct the fire rating label in any way.

D: ACOUSTICAL PANELS

1. Acoustical Panels are to be furnished and installed by the general contractor. All dimensions must be field-verified before production. Panels are to align with countertops below. Outlets are to be located below the countertop, with grommets. In locations with outlet in panel locations refer to diagram below.



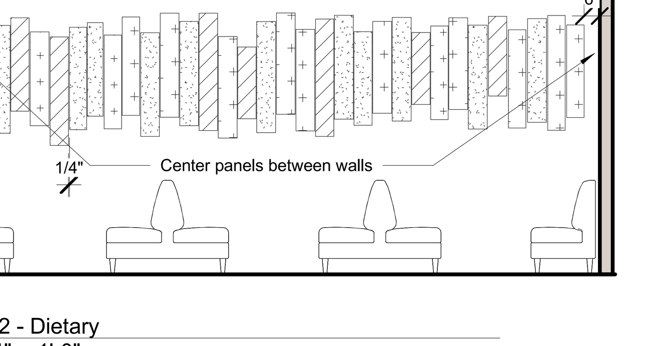
For panel specification and fabric selection and fabric selection(s), see MISCELLANEOUS sections. For locations, see finish plans.

2.1 Dictation - Panels to be 1" from each corner and 1" above counter/backsplash. The height of panels are be 3'-0". On wall between upper and lower cabinets. Panels are to be 1" from each corner and 1" above counter/backsplash.

2.2 Nurse station Casework - Panels to be applied between upper transaction top and work surface. Line up edges evenly.

3. AP2 is to be applied to the wall in the following pattern.

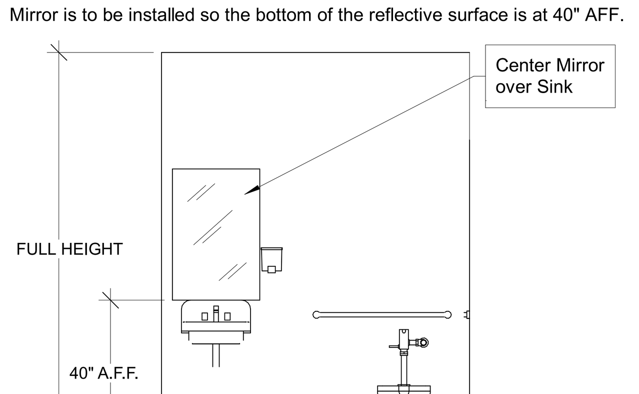
A: 6427 2031
B: 6427 2032
C: 6427 703



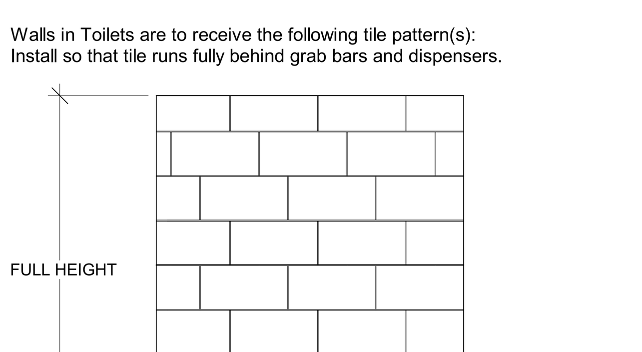
1 AP2 - Dietary
1/4" = 1'-0"

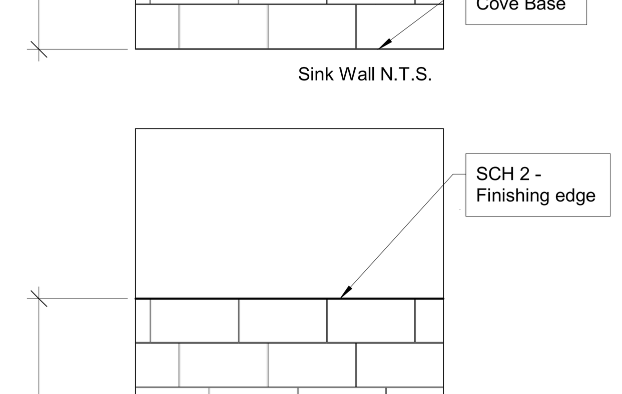
E: TILE

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



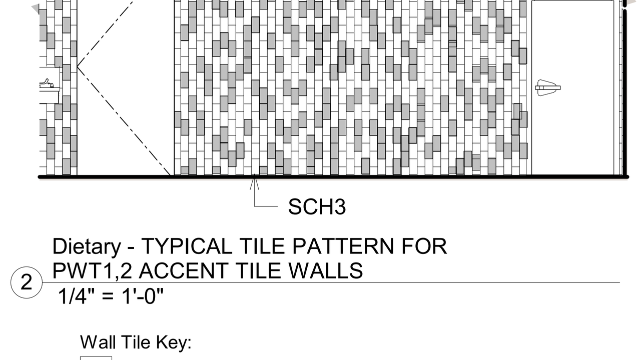
5. Walls in Toilets are to receive the following tile pattern(s): Install so that tile runs fully behind grab bars and dispensers.





Wall Tile Key:
PWT3

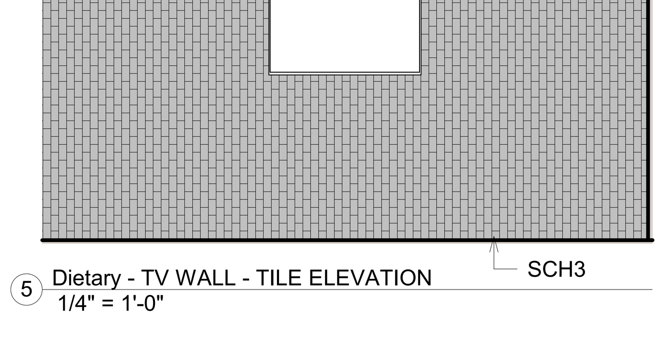
7. PWT1,2 to be installed in a similiar installation to the folowing pattern in all locations marked in the Dietary Servery. Tiles are be randamly staggered in a vertical pattern in a 1/3rd offset pattern. These tiles have a high variation in color, so follow manufactorers instructions for percentage and installation instructions to ensure they are installed randomly as well.



2 Dietary - TYPICAL TILE PATTERN FOR PWT1,2 ACCENT TILE WALLS
1/4" = 1'-0"

Wall Tile Key:
PWT1
PWT2

8. Where PWT2 is installed by itself in Dietary, install tile vertically in a 1/3rd offset pattern, ` from floor to ceiling in the same randomized color variation pattern.



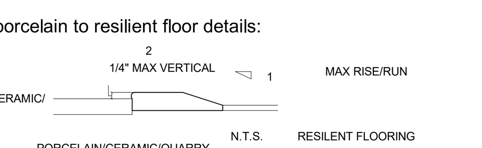
5 Dietary - TV WALL - TILE ELEVATION
1/4" = 1'-0"

Wall Tile Key:
PWT2

F: FLOORING

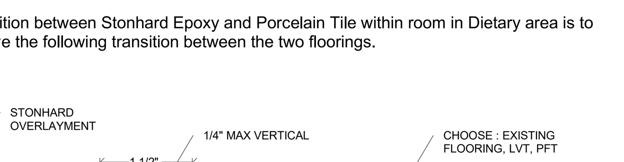
1. All traditional rubber base is to be 4" H, coved, and continuous rolls. Miter inside corners, wrap outside corners of jobsite. Do NOT use premolded corners.
2. All sculptured rubber base is to be 6" H, straight sections. Miter inside and outside corners. Do NOT use premolded corners.
3. All reducer strips and other thresholds are to be located at the centerline of door when in a closed position, unless otherwise noted.
4. Utilize clear caulk to seal where flooring transition meets flooring, to eliminate gaps.
5. Transition strips are indicated by a bold line on the floor pattern plans. It is the contractor's responsibility to identify locations and quanities of the material-to-material transition strips. If a strip is needed that is not listed in Floor Transisiton, contractor is to submit proposed product via submittal for approval. All transition are required to meet ADA guidelines.

   Flooring Transition = TS#
6. ADA compliant porcelain to resilient floor details:



7. All floor transitions are to be taped or covered during construction, to protect the material until final completion.
8. Where new flooring or base is specified, the same flooring or base should extend into any closets, storage areas, etc. adjacent to that space unless otherwise noted.
9. For renovations, existing flooring is to be removed by the contractor prior to applying the specified flooring product.
10. Floor pattern shall extend under any open space under casework or kneespace, even when it appears to stop on plan.
11. Where specified sheet vinyl flooring is to be heatwelded at seams using manufacturer's sealer. Flash cove material up wall to form self-coved base. Continuous Resilient cove support to be Mannington #070. Aluminum trim to be provided by Powerhold, mill finished anodized 409105 PH 901 MFA.
12. Apply Mannington's "Seam Coater Pen" to ALL welded seams of sheet vinyl flooring immediately after installation.
13. Where sheet vinyl flooring is used, a proposed seaming diagram MUST be submitted and approved by the Interior Designer.
14. Minimize the amount of seams. Avoid seams extending into a doorway.
15. Manufacturer's recommended adhesive is to be based on application and concrete moisture %.
16. In the following locations, utilize manufacturer recommended traditional epoxy adhesive.
    - Under Patient Room beds receiving sheet vinyl flooring.

    In the following locations, utilize manufacturer recommended pre-applied adhesive or traditional epoxy adhesive.
    - In Elevators receiving LVT.
17. For HCA projects, all flooring should be purchased and tracked through Logistic Solutions and Mannington. See material contacts section for contact people.
18. Transition between Stonhard Epoxy and Porcelain Tile within room in Dietary area is to recieve the following transition between the two floorings.

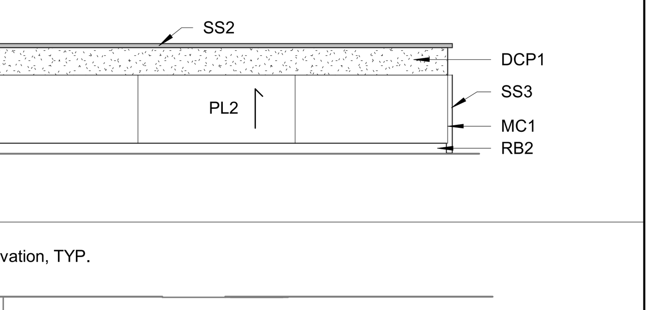


G: CASEWORK DESIGNS

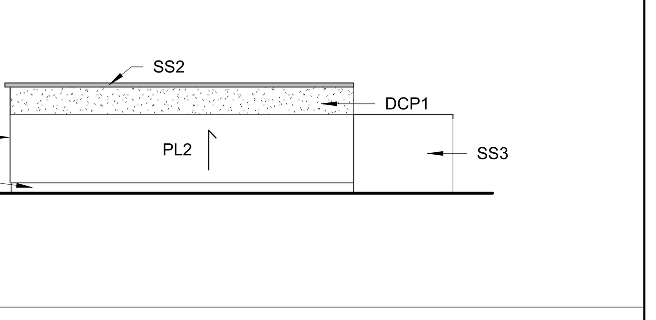
Typical Casework Designs are to be as shown in elevations below. All Graining to run in the same direction, unless otherwise noted. All 1/4" reveals are to be plastic laminate PL4.

1. Typical Med Surg Nurse Station

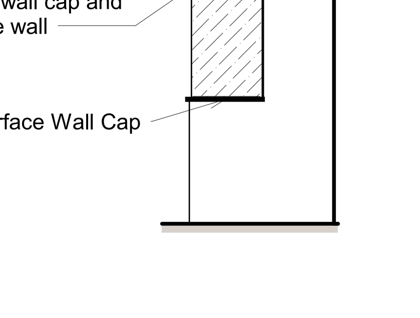
Front Elevation, TYP.



Side Elevation, TYP.



2. Glass Divider panels to be mounted to the top of half walls in dietary, in each location shown on plan as DGWP1.



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STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002549
ARCHITECT
DATE SIGNED: 12.05.24

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LSMC MEDSURG AND 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:

REVISIONS		
REV #	DESCRIPTION	DATE

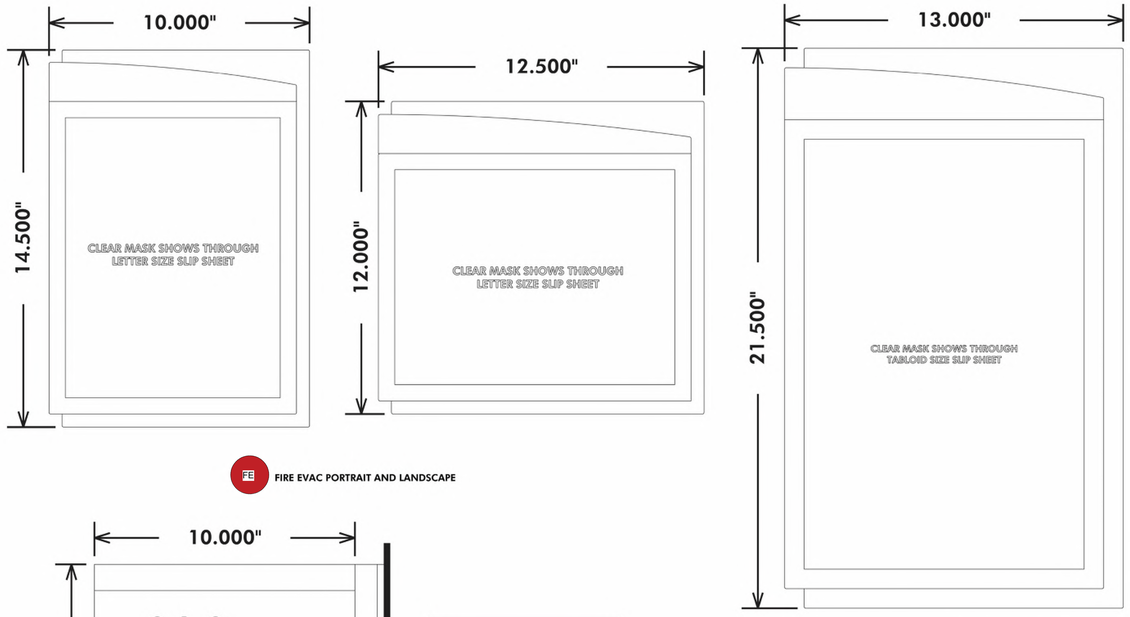
DATE:	2024/12/05
SCALE:	As indicated
DRAWN:	BP/PC
REVIEWED:	PF
JOB NUMBER:	6406.24

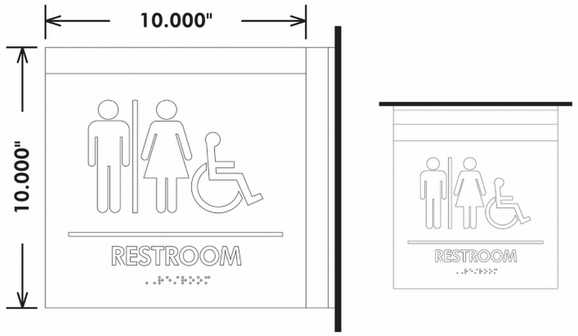
GENERAL FINISH SPECIFICATIONS AND NOTES

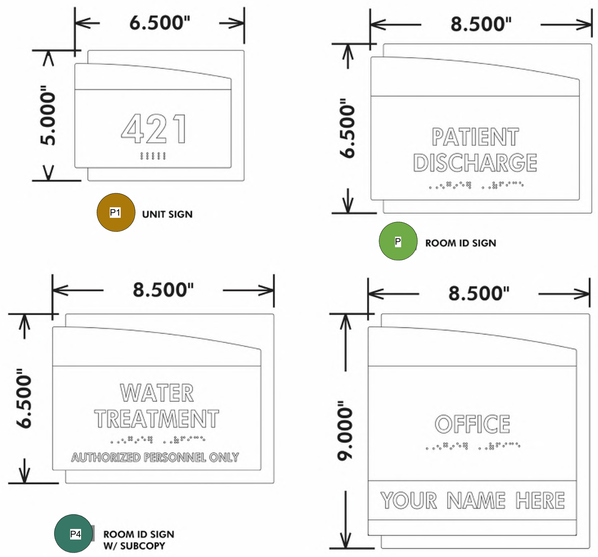
AF002

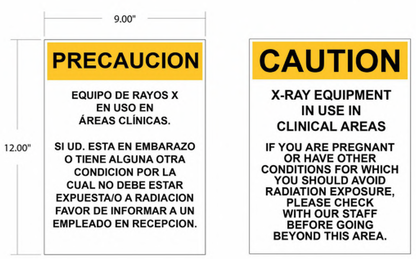
12/4/2024 6:31:27 PM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/LSMC Med Surg & Dietary Expansion IDS_R23.rvt

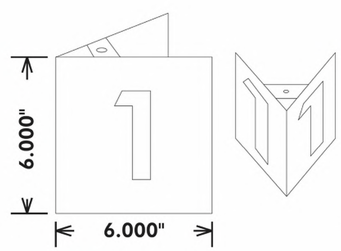
STANDARD SYMBOLS

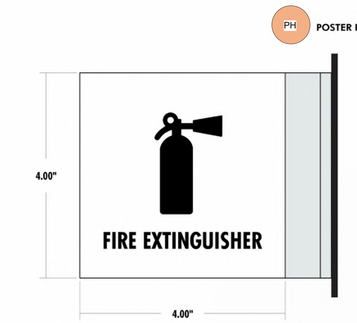


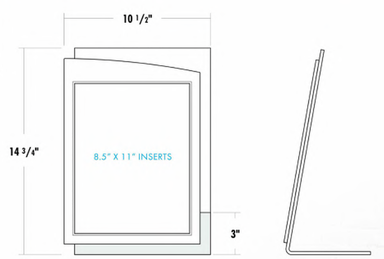




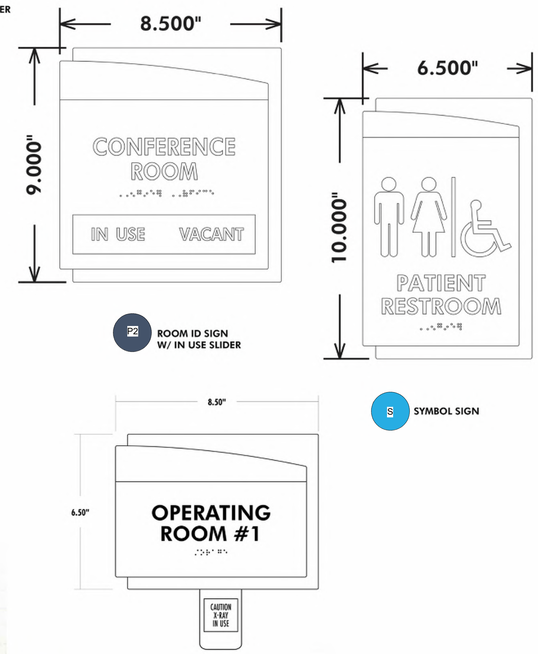




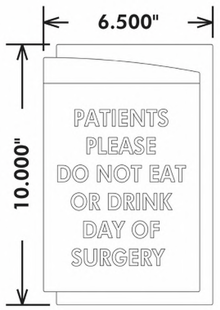




PHS POSTER HOLDER *(FREESTANDING)* // 8.5" X 11" INSERTS



PHA PATIENT INDICATOR / WITH ALERTTAB



I INFORMATIONAL SIGN

- WHITE
- BLACK
- YELLOW

Devenney GROUP

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www.innerdesignstudio.com

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LSMC MEDSURG AND 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:

REVISIONS

REV #	DESCRIPTION	DATE

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

SIGNAGE KEY

AF003

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BENNU
ARCHITECTURAL SIGNAGE

PREPARED BY
TONY HATCHELL
BENNU ENTERPRISES, INC.
615.522.4588

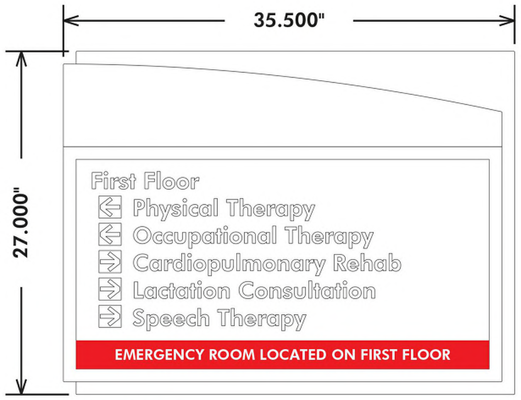
DATED 03-22-2017

STANDARD SYMBOLS

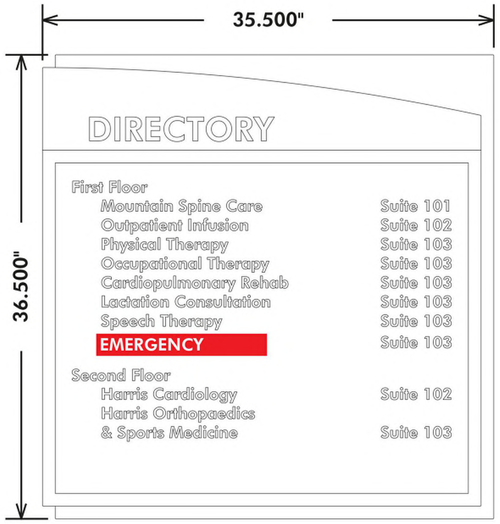
STANDARD TYPEFACE
FUTURA HEAVY BT

ABCDEFGHI
JKLMNOPQ
RSTUVWXY

OH OVERHEAD DIRECTIONAL



SD SMALL DIRECTIONAL



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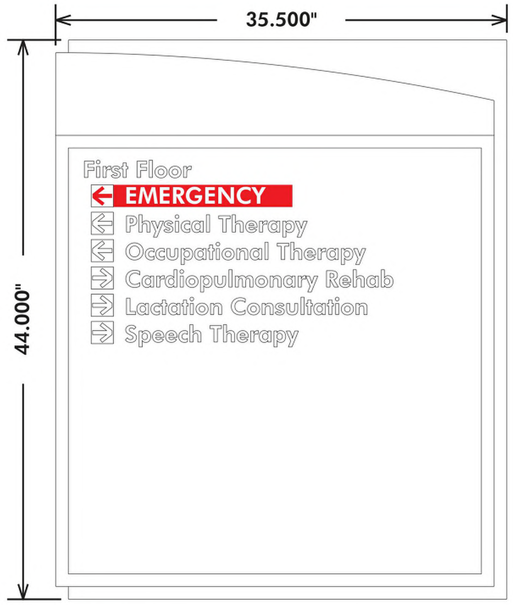

LD LARGE DIRECTIONAL

MPH MULTI-POSTER HOLDER

SIGN FAMILY:

ZEUS

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Devenney Group Ltd., Architects

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Consultant:

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LSMC MEDSURG
AND DIETARY
EXPANSION

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LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE

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SIGNAGE KEY

AF004

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BENNU
ARCHITECTURAL SIGNAGE

PREPARED BY
TONY HATCHELL
BENNU ENTERPRISES, INC.
615.522.4588

DATED 03-22-2017

STANDARD SYMBOLS

STANDARD TYPEFACE
FUTURA HEAVY BT

ABCDEFGHI
JKLMNOPQ
RSTUVWXY

SIGNAGE COLORS

COLOR 2

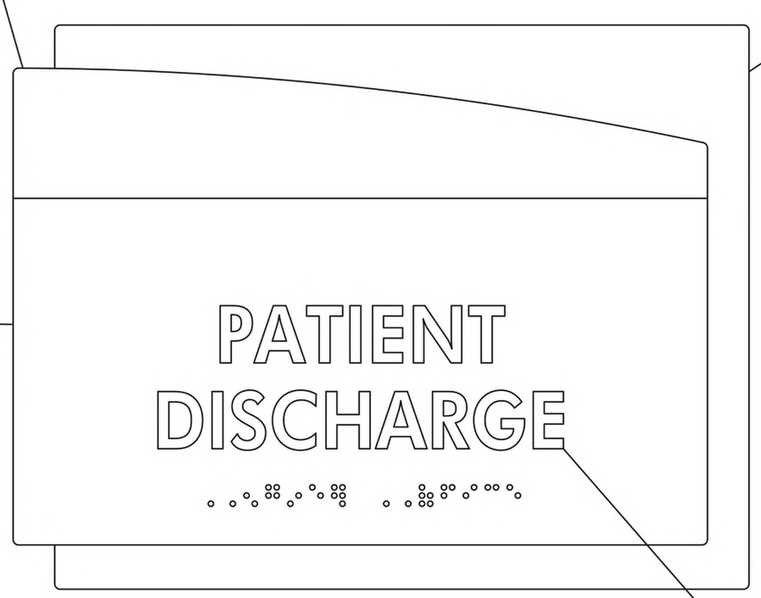
Colors to match Facility Standards

COLOR 3

Colors to match Facility Standards

COLOR 1

Colors to match Facility Standards



COLOR 4

Colors to match Facility Standards

SIGN FAMILY:

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STATE OF MISSOURI
RUDLEY C. CAMPBELL
NUMBER
A-2001000

DATE SIGNED: 12.05.24

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LSMC MEDSURG
AND 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:

REVISIONS		
REV #	DESCRIPTION	DATE

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JOB NUMBER:	6406.24

SIGNAGE KEY

AF005

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BENNU
ARCHITECTURAL SIGNAGE

PREPARED BY
TONY HATCHELL
BENNU ENTERPRISES, INC.
615.522.4588

DATED 03-22-2017

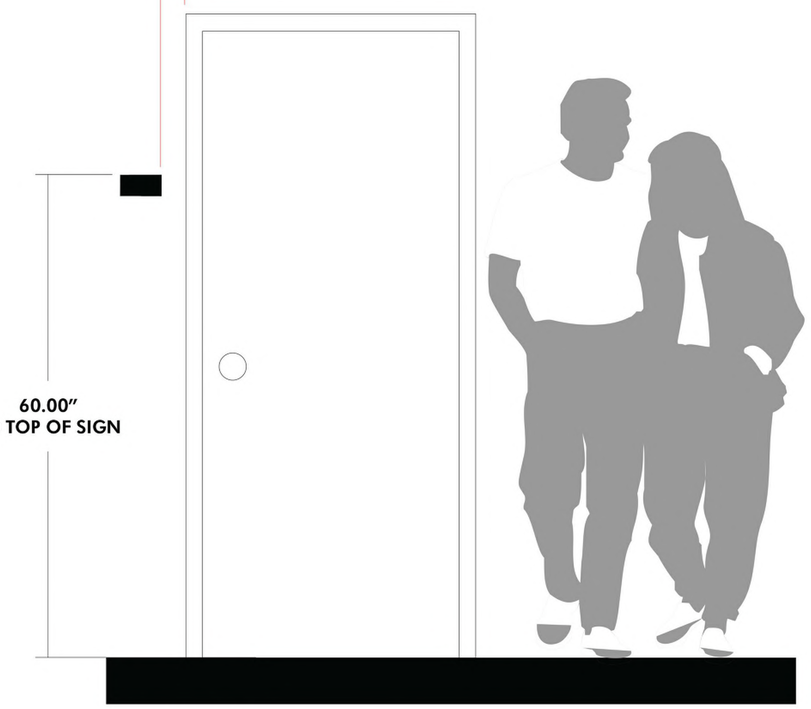
STANDARD SYMBOLS

STANDARD TYPEFACE
FUTURA HEAVY BT

ABCDEFGHI
JKLMNOPQ
RSTUVWXY

INSTALLATION LOCATIONS

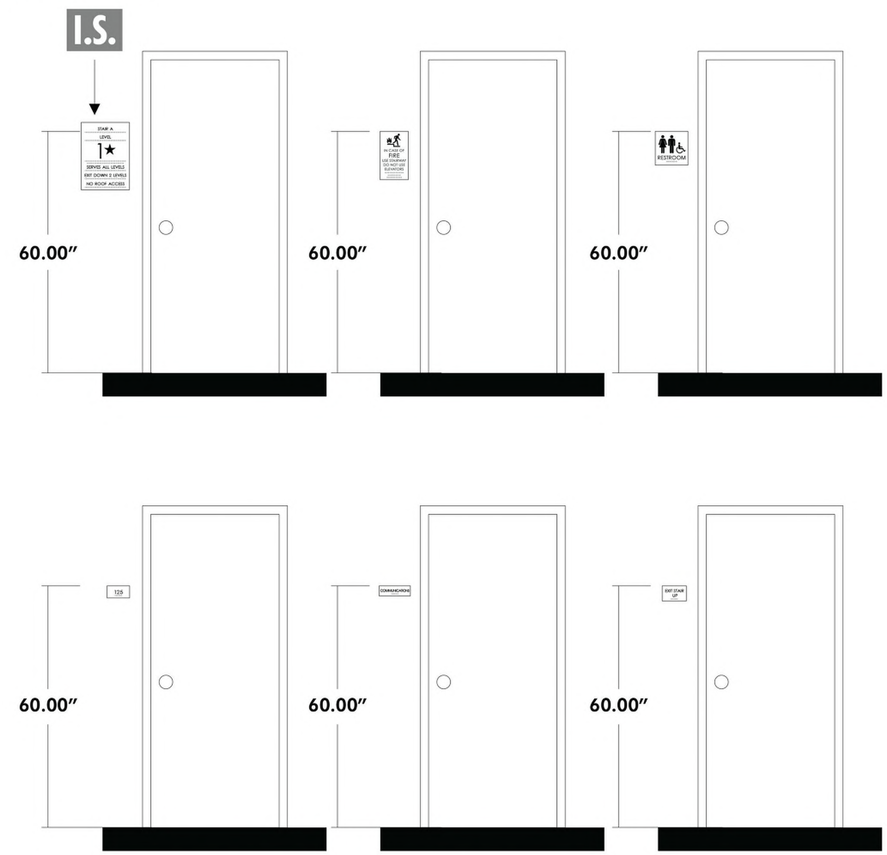
ALL SIGNS TO BE MOUNTED 3″ FROM THE EDGE OF THE DOOR FRAME TO THE LEADING EDGE OF THE SIGN UNLESS OTHERWISE OBSTRUCTED BY AN ADJACENT WALL OR OTHER OBSTRUCTION. IN THAT CASE SIGN TO BE CENTERED INTO AREA. IE - IF IT IS TOO TIGHT TO ALLOW THE 3″ DISTANCE - AS LONG AS SIGN FITS ON GIVEN WALL AREA IT IS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



SCALE 3/4″=1′-0″

ALL ADA SIGNS TO BE INSTALLED ON LATCH SIDE OF DOOR

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



TYPICAL SIGN PROGRAM PLACEMENTS SHOWN

SIGN FAMILY:

ZEUS

Devenney GROUP

Devenney Group Ltd., Architects

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Scottsdale, AZ 85251

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Consultant:

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STATE OF MISSOURI
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LSMC MEDSURG AND DIETARY EXPANSION

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

AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
0972400009

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SIGNAGE KEY

AF006

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12/4/2024 6:31:32 PM

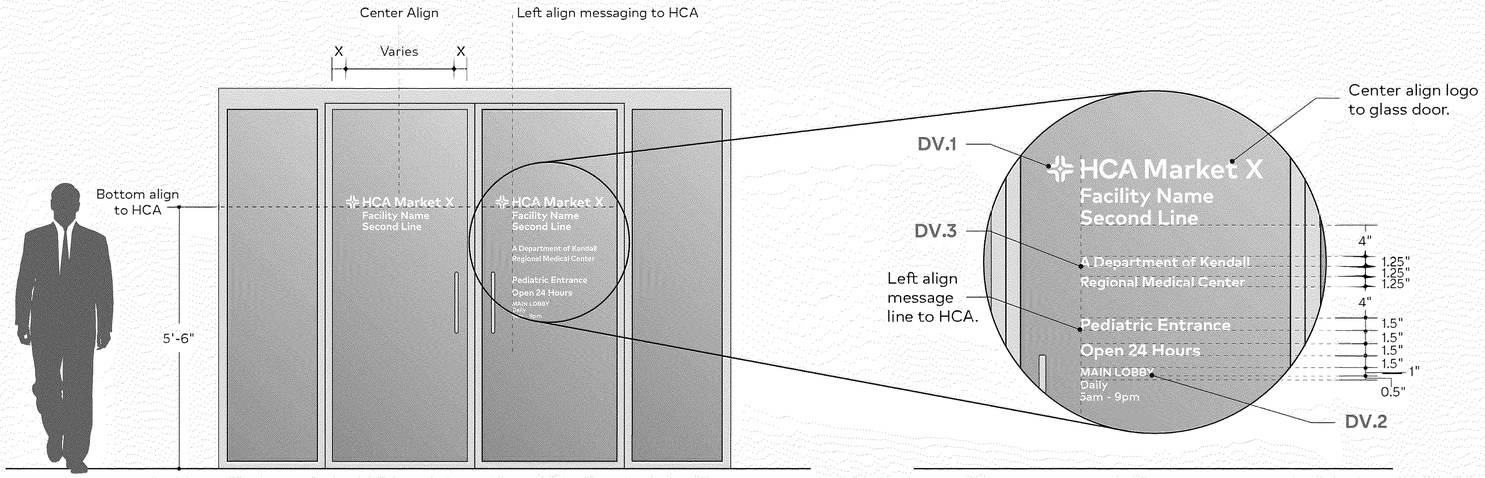
SIGN CODE:
V.

SIGN DESCRIPTION:
Door Vinyl

Note
To preserve the integrity and visual impact of the logo, always maintain adequate clear space. Full clear space is preferred in this application.

X = Height of the diamond plus mark

It is optional to apply the logo on one door or on each door with the details/hours on one of them.



1 Logo (DV.1) with Details/Hours (DV.2) and Department Details (DV.3)
Scale 1/2" = 1'

2 Detail View (DV.1, DV.2 and DV.3)
Scale 1" = 1'

Sign Codes	Overall Height	Overall Width
DV.1 (Logo)	Varies by Name	Varies
DV.2 (Text)	1" (Minimum Cap Height)	Varies
DV.3 (Department)	1 1/4" (Maximum Cap Height)	Varies

These drawings are for the sole purpose of demonstrating design intent only and are not intended for construction purposes.
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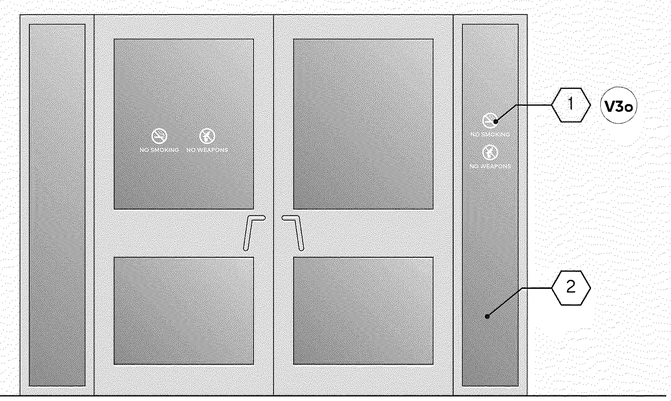
SIGNCODE:
V.

SIGN DESCRIPTION:
Regulatory Vinyls

1 **Regulatory Vinyl**
Opaque vinyl applied first surface.

2 **Mounting Surface**
Existing clear glass on site. Clean surface prior to install.



1 Front View (RV.1 & RV.2)
Scale 1/2" = 1'

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Consultant:
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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS		
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SIGNAGE KEY

AF007

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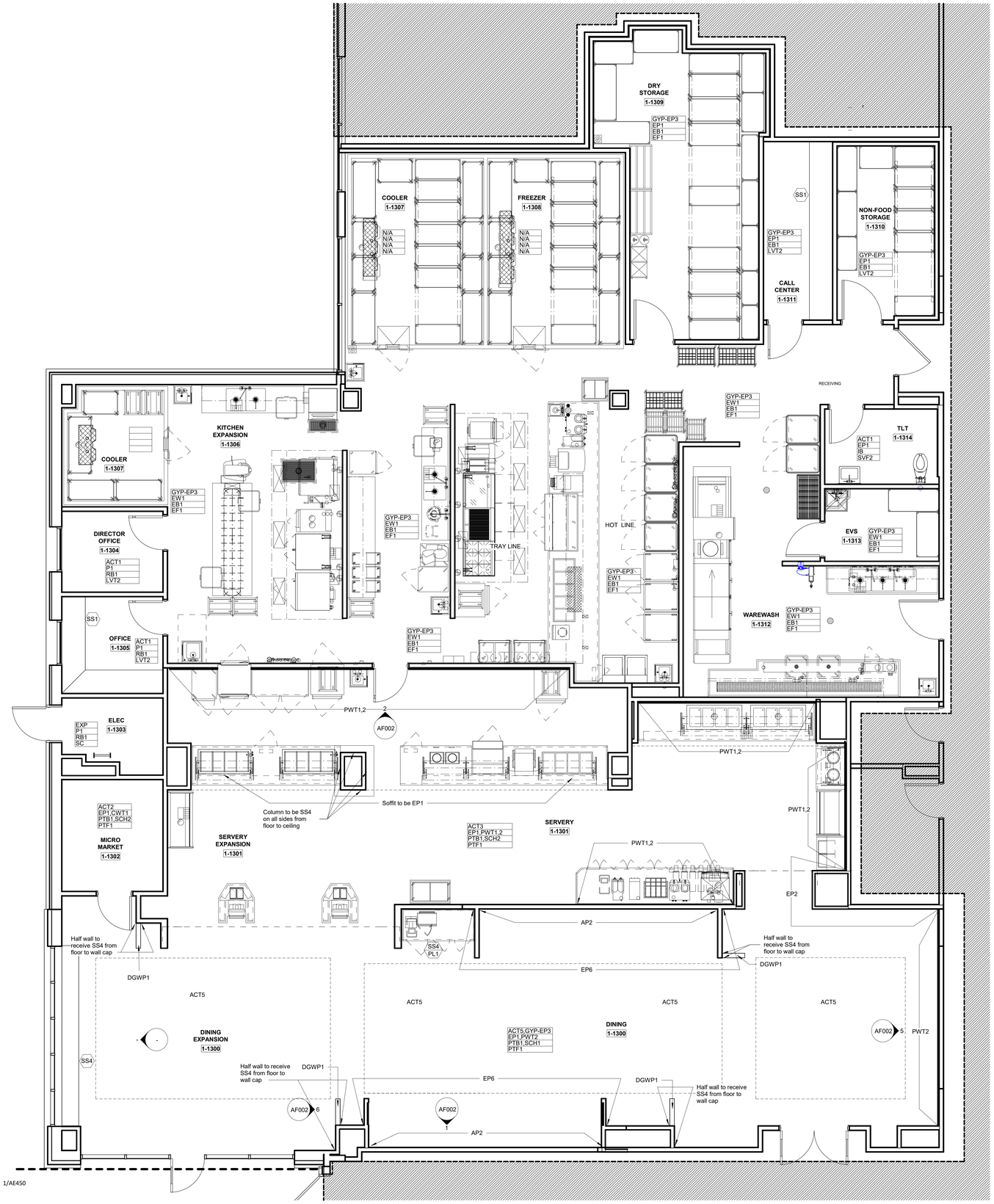
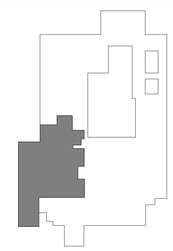


1 Level 1 - FINISH PLAN
1/4" = 1'-0"

KEY PLAN



LEVEL 1 - KEYPLAN

Devenney GROUP

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www.devenneygroup.com

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STATE OF MISSOURI
RUDLEY C. CAMPBELL
NUMBER
A-2001037000

DATE SIGNED: 12.05.24

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2024/12/05
SCALE:	1/4" = 1'-0"
DRAWN:	BP/PC
REVIEWED:	PF
JOB NUMBER:	6406.24

FINISH FLOOR PLAN - LEVEL 1

AF101

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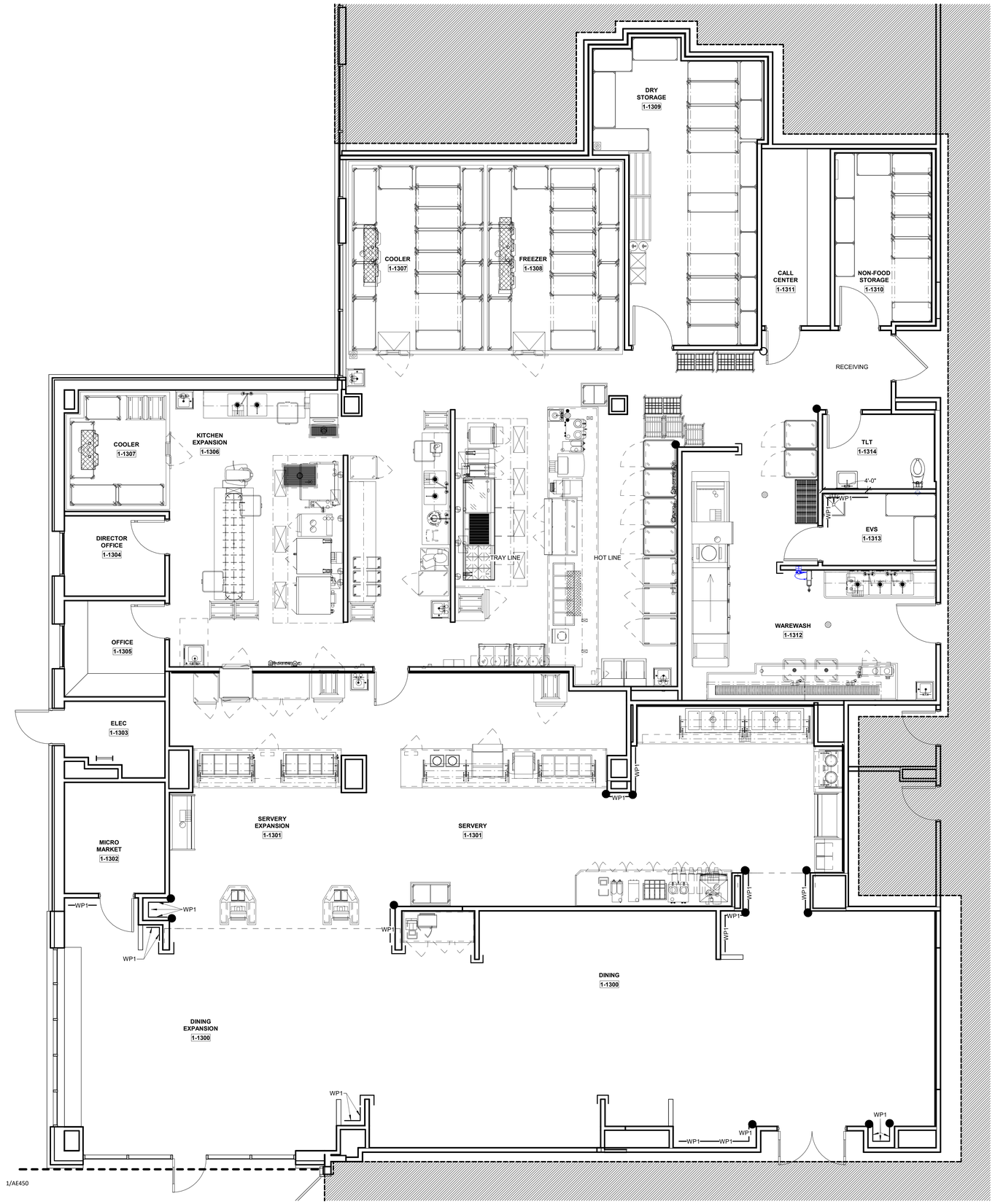


1 Level 1 - WALL PROTECTION PLAN
1/4" = 1'-0"

WALL PROTECTION GENERAL NOTES

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

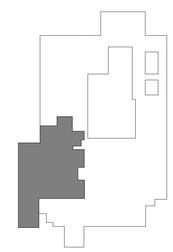
WALL PROTECTION ITEMS

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
●	Corner Guard 3" Partial Height	Corners-90 degree	InPro	Style: 150BN Color: See Wall Protection Color Legend Retainer: Vinyl Height: 48" Notes: Install above wall base. Utilize top and bottom caps.
◉	Corner Guard 3" Full Height	Corners-90 degree	InPro	Style: 150BN Color: See Wall Protection Color Legend Retainer: Vinyl Height: Full Height Notes: Install above wall base. Utilize top and bottom caps.
⊔	Corner Guard 3" Partial Height	Corners-End Walls	InPro	Style: 150DBN Color: See Wall Protection Color Legend Retainer: Vinyl Height: 48" Sheet Texture: Velvet Notes: Install above wall base. Utilize top and bottom caps.
⊔	Corner Guard 3" Full Height	Corners-End Walls	InPro	Style: 150DBN Color: See Wall Protection Color Legend Retainer: Vinyl Height: Full Height Sheet Texture: Velvet Notes: Install above wall base. Utilize top and bottom caps.
○	Corner Guard 3.5" 8' High	Corners-90 degree -Kitchen	InPro	Style: Stainless Steel Corner Gaurds Color: Stainless Steel, #4 satin finish Retainer: Stainless Steel Height:8' 16 Gauge thickness Notes: Install above poured wall base. Utilize top and bottom caps.
See Below	Hand Rail-Wood	See plans	InPro	Style: 3520WV Silhouette with wood hand rail and vinyl bumper Height: 7-7/8" Wood Finish: Crown Cherry Vinyl Color: See Wall Protection Color Legend
See Below	Hand Rail-Vinyl	See plans	InPro	Style: 1200 Height: 6-1/4" Vinyl Color: Crown Cherry 0545
See Below	Crash Rail-Vinyl	See plans	InPro	Style: 1600 Height: 6" Vinyl Color: See Wall Protection Color Legend
See Below	Bumper Rail-Vinyl	See plans	InPro	Style: 1300 w/mounting cushion Height: 4-1/16" Vinyl Color: See Wall Protection Color Legend
See Below	Rigid Sheet-Vinyl	See plans	InPro	Style: Rigid Vinyl Sheet Wall Protection Thickness: 0.060" Texture: Velvet Vinyl Color: See Wall Protection Color Legend Notes: Utilize vinyl seal caulk at seams, NOT vinyl trim pieces. Factory-cut sheets, do NOT field-cut. DO NOT APPLY RIGID SHEET TO ANY EXTERIOR WALL.

WALL PROTECTION COLOR LEGEND

WALL PAINT COLOR	LOCATION	WALL PROTECTION COLOR
P1	Medsurg	Oatmeal 0239
P2	Medsurg	Serenity 0166
P3	Medsurg	Hickory 0377
P4	Medsurg	English Green 0125
P7	Dietary	Feather 0238

KEY PLAN



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WALL PROTECTION PLAN - LEVEL 1

AF102

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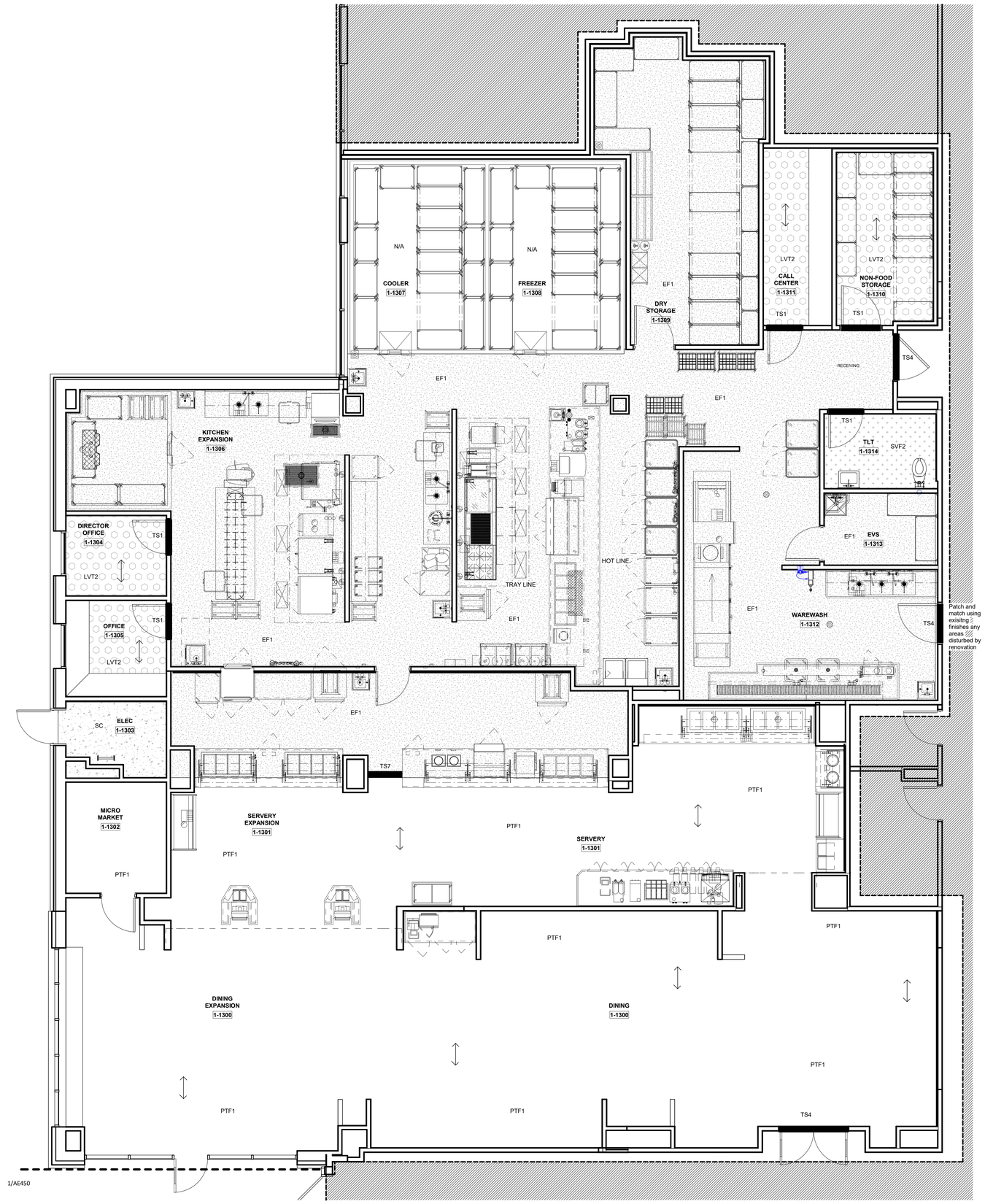


1 Level 1 - FLOOR PATTERN PLAN
1/4" = 1'-0"

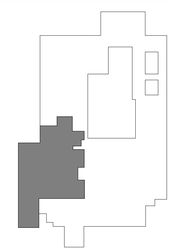
FLOORING

CODE/ KEY	ITEM	LOCATION	MANUFACT.	DESCRIPTION
EF1	Epoxy Flooring	Floors	Stonhard	Style:Stonclad UT Color: Pewter Light Texture Note: Utilize Stonhards Stonproof ME7 membrane and Texture #3 Broadcast for waterproofing
LVT1	Luxury Vinyl Tile	Floors-Field-Med Surg	Mannington	Style: Amtico Signiture Wood Collection Color: Merbau AROW7590 Size: 7.25" x49" x 2.5 mm thick Adhesive: Manufacturer Recommended
LVT2	Luxury Vinyl Tile	Floors-Accent - Med Surg	Mannington	Style: Amtico Signiture Wood Collection Color: Manor Oak AROW7970 Size: 7.25" x 48" x 2.5 mm thick Adhesive: Manufacturer Recommended
LVT3	Luxury Vinyl Tile	Floors-Accent - Med Surg	Mannington	Style: Amtico Collection Color: Stria Basalt AROSMS43 Size: 12"x 24" x 2.5 mm Adhesive: Manufacturer Recommended
PTF1	Porcelain Tile Floor	Floors-Field	Emser Tile	Style: Fixt Stone Matte Color: Gray Size: 12"x24" x 3/8" thick Grout: Laticrete, Spectralock Pro Premium Grout Color: 24 Natural Gray Grout Joint:1/8" Installation/Overlay: 1/3rd offset
PTF2	Porcelain Tile Floor	Floors-Medsurg	Emser Tile	Style: Milestone Color: Moon Size: 12"x24" x 3/8" thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: 24 Natural Gray Grout Joint: 1/8" Installation/Overlay:1/3rd offset
RF1	Rubber Treads & Risers	Stairs	Tarkett	Style: Visually Impaired Stair Tread w/Integral Riser PVIRNRDTR-38 Color: 38 Pewter CG Texture: Rounded Adhesive: Manufacturer Recommended Accent Strip:20 Charcoal
SC	Sealed Concrete	Floors	Sherwin Williams	Style: Armorseal Treadplex Color: Haze Gray Notes: See architectural specifications for information
SVF1	Sheet Vinyl Floor	Floors-Field	Mannington	Style: Biospec MD Color: New Glacier 15364 Roll Width: 6'-6" x 0.080" Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod 842361 Cream *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*
SVF2	Sheet Vinyl Floor	Floors-Slip Resistant	Mannington	Style: Assurance III Color: Cremello 16349 Roll Width: 6'-6" x 0.080" Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod 842322 Off White *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*

FLOORING LEGEND

TS	FLOORING TRANSITION TYPE
→	PLANK OR TILE DIRECTION
- - - - - - - - - -	PATTERN DIRECTION CHANGE

KEY PLAN



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FLOOR PATTERN PLAN - LEVEL 1

AF103

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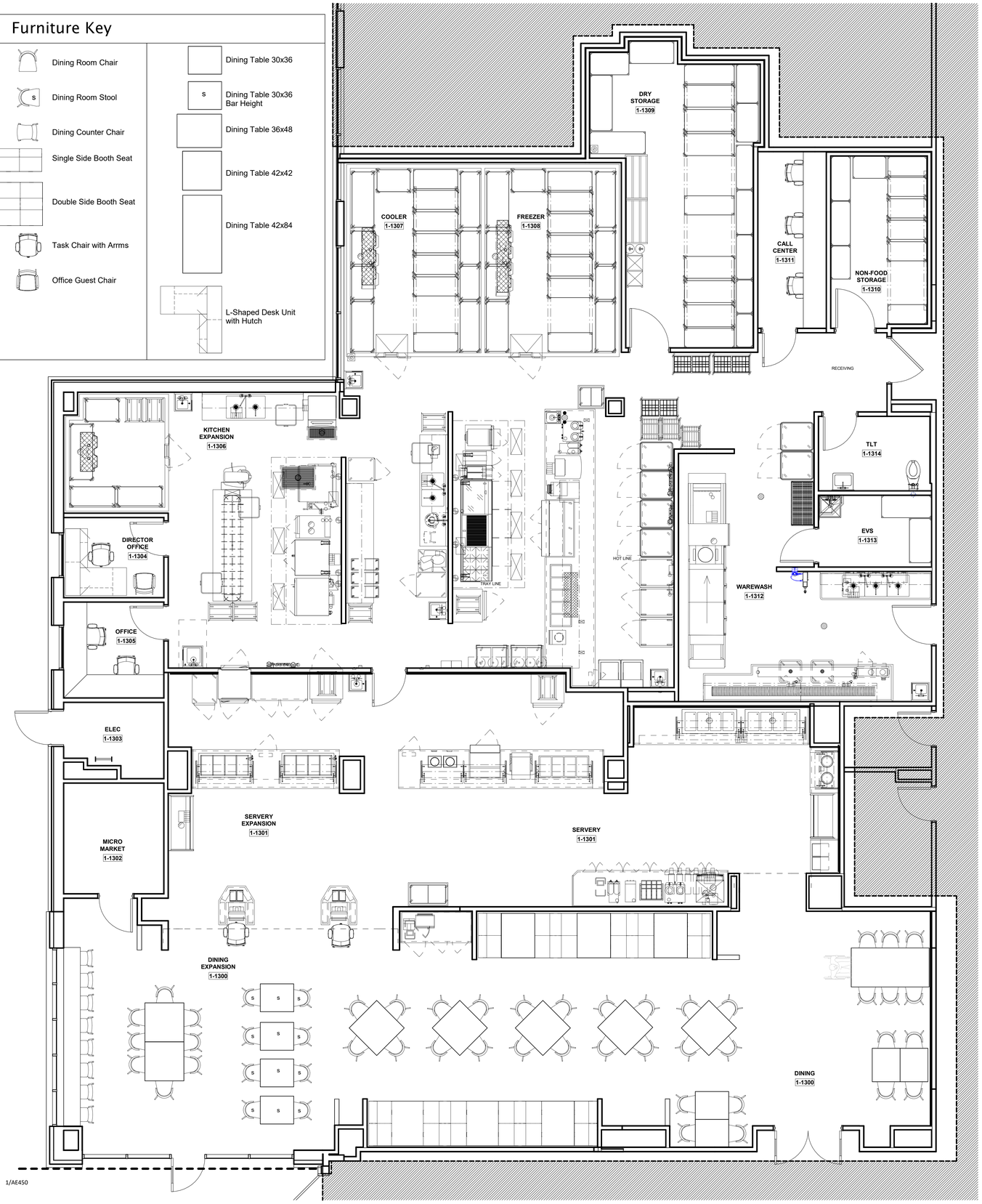
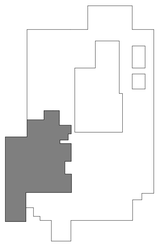
Furniture Key

- Dining Room Chair
- Dining Room Stool
- Dining Counter Chair
- Single Side Booth Seat
- Double Side Booth Seat
- Task Chair with Arrms
- Office Guest Chair
- Dining Table 30x36
- Dining Table 30x36 Bar Height
- Dining Table 36x48
- Dining Table 42x42
- Dining Table 42x84
- L-Shaped Desk Unit with Hutch



1 Level 1 - FURNITURE PLAN
1/4" = 1'-0"

KEY PLAN



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FURNITURE PLAN - LEVEL 1

AF104

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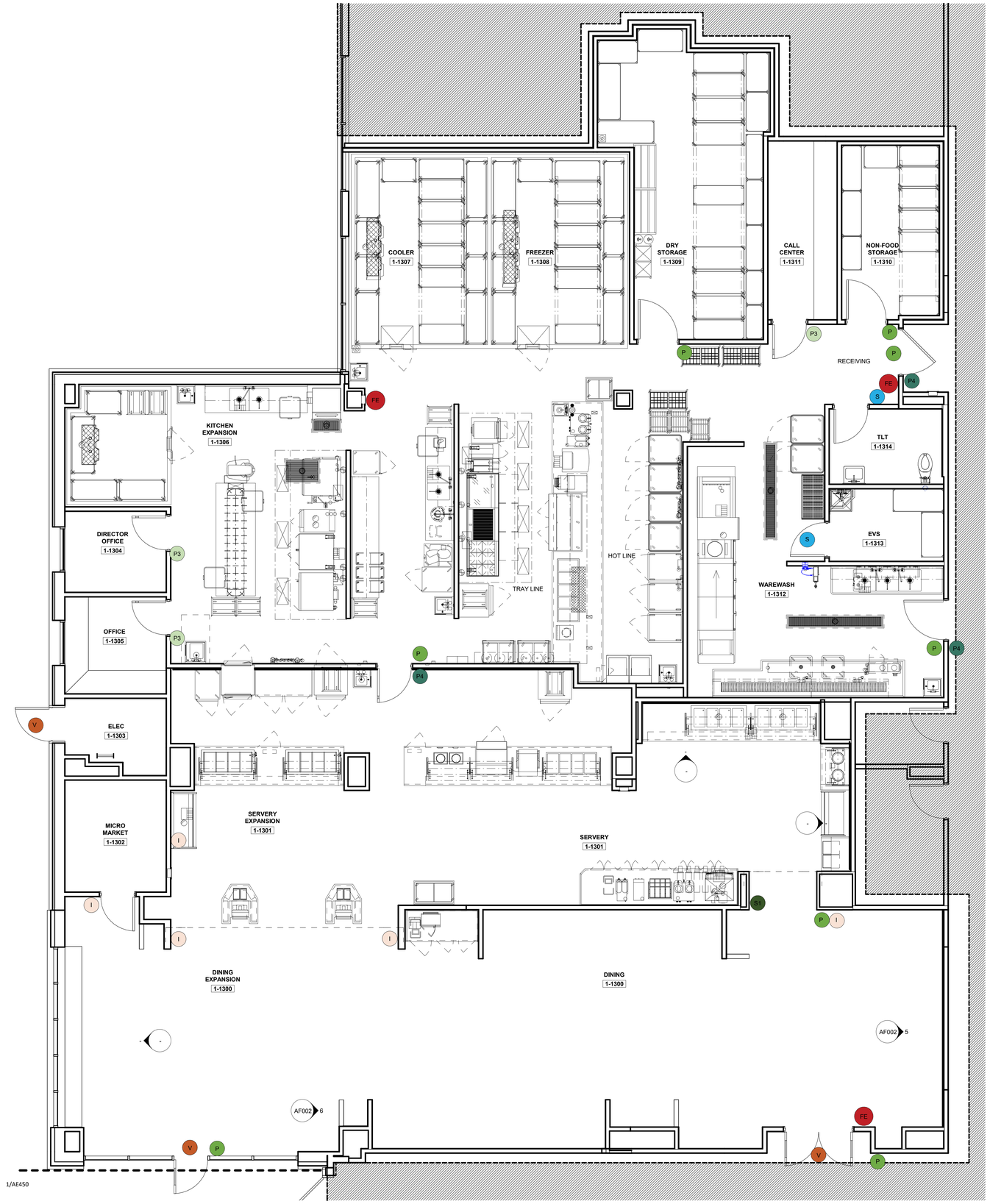
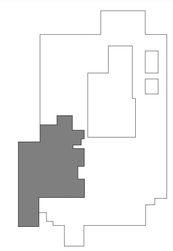


1 Level 1 - SIGNAGE PLAN
1/4" = 1'-0"

SIGN TYPE LEGEND	
V	Sign Type : Vinyl Signs
PHD	Sign Type : Poster Holder- desktop
P2	Sign Type : Room Sign with "In use" slide slot
P1	Sign Tylpe: Patient Room Sign
P	Sign Type : Room Sign
P4	Sign Type: Room sign with Subscript
P3	Sign Type : Room Sign with Name Inserts
S	Sign Type : Room Sign with symbol
S1	Sign Type : Room Sign Symbol and information
I	Sign Type : Informational Sign
BW	Sign Type : Blade Wall Sign (Eye Wash)
BC	Sign Type : Blade Ceilings (Bays signs)
FE	Sign Type : Fire Evacuation Plan Signs
O	Sign Type: Over head
M	Sign Type: Metal routed (Logo)
OD	Sign Type: Overhead Directory
SD	Sign Type: Small Directional
MPH	Sign Type: Multi Poster Holder
D	Sign Type: Directory

KEY PLAN



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SIGNAGE PLAN - LEVEL 1

AF105

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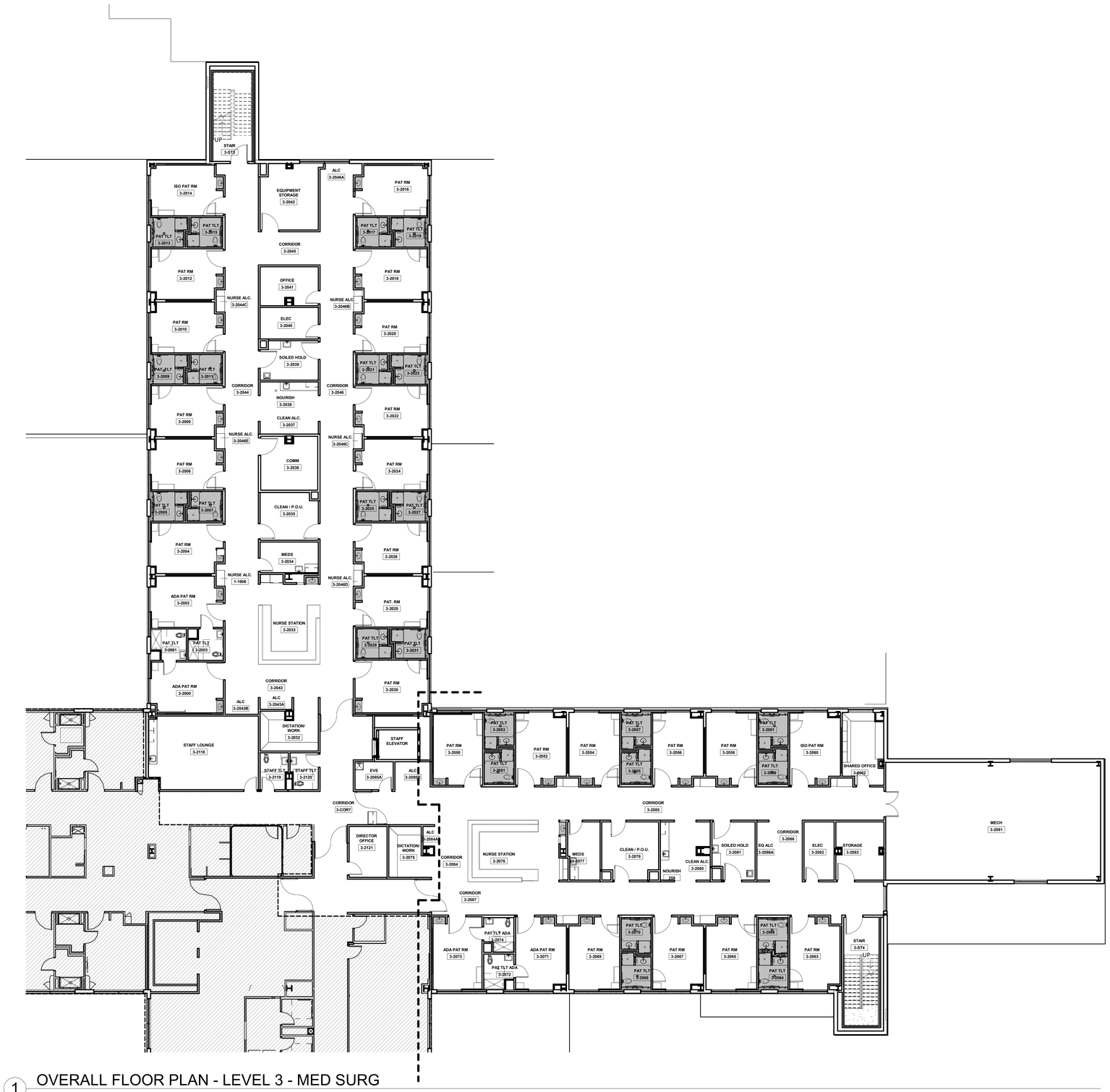
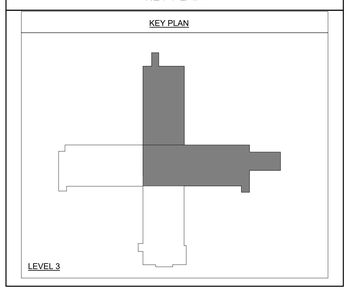


1 OVERALL FLOOR PLAN - LEVEL 3 - MED SURG
3/32" = 1'-0"

KEY PLAN



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OVERALL FLOOR PLAN - LEVEL 3 - MED SURG

AF301

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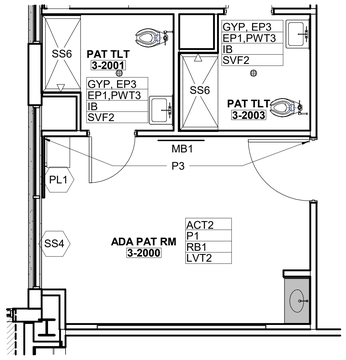
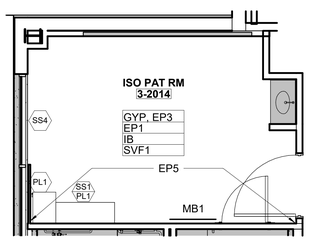
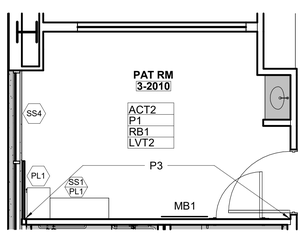


4 MED SURG - ADA PAT ROOM/TLT, TYP.
1/4" = 1'-0"



3 MED SURG - ISO PAT ROOM, TYP.
1/4" = 1'-0"



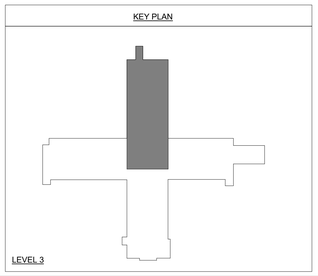
2 MED SURG - PAT ROOM, TYP.
1/4" = 1'-0"

1 FINISH PLAN - LEVEL 3 - SECTOR A - MED/SURG (16-BED UNIT)
1/8" = 1'-0"

PRE-FABRICATED ELEMENTS

DENOTES HEADWALLS, FOOTWALLS, SINK ALCOVES, AND TOILETS PROVIDED BY PRE-FAB VENDOR.

*REFER TO THE VENDOR SCOPING DOCUMENTS FOR ADDITIONAL SCOPING AND COORDINATION INFORMATION.



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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE

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

FINISH FLOOR PLAN - LEVEL 3 - SECTOR A - (16) BED UNIT

AF301A

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/LSMC Med Surg & Dietary Expansion ID5_R23.rvt
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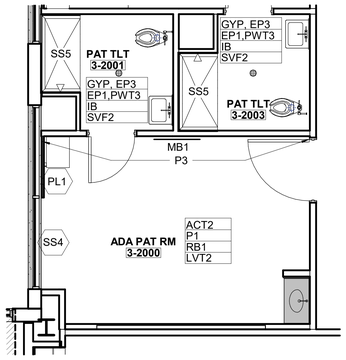
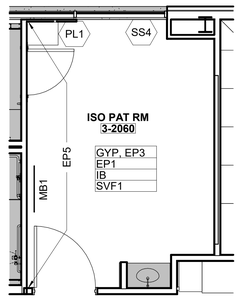
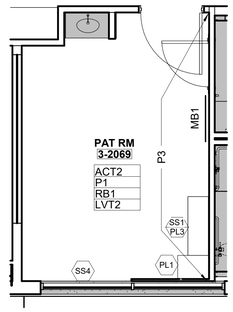


4 MED SURG - ADA PAT ROOM/TLT, TYP.
1/4" = 1'-0"



3 MED SURG - ISO PAT ROOM, TYP.
1/4" = 1'-0"



2 MED SURG - PAT ROOM, TYP.
1/4" = 1'-0"

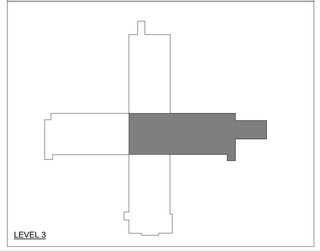
PRE-FABRICATED ELEMENTS

DENOTES HEADWALLS, FOOTWALLS, SINK ALCOVES, AND TOILETS PROVIDED BY PRE-FAB VENDOR.

*REFER TO THE VENDOR SCOPING DOCUMENTS FOR ADDITIONAL SCOPING AND COORDINATION INFORMATION.

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

KEY PLAN



LEVEL 3

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www.innerdesignstudio.com

DATE SIGNED: 12.05.24

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LSMC MEDSURG AND 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:
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FINISH FLOOR PLAN - LEVEL 3 - SECTOR B - (12) BED UNIT

AF301B

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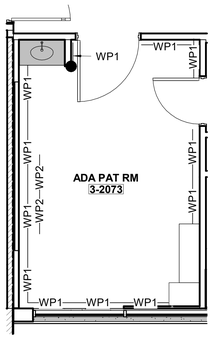
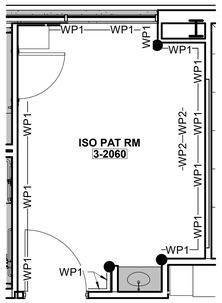
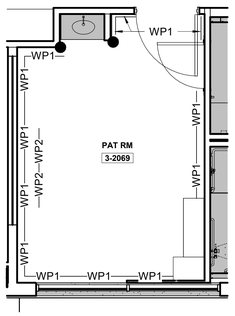


4 WALL PROTECTION PLAN - ADA PAT ROOM, TYP.
1/4" = 1'-0"



3 WALL PROTECTION PLAN - ISO PAT ROOM, TYP.
1/4" = 1'-0"



2 WALL PROTECTION PLAN - PAT ROOM, TYP.
1/4" = 1'-0"

1 WALL PROTECTION PLAN - LEVEL 3 - SECTOR A - MED/SURG (16-BED UNIT)
1/8" = 1'-0"

WALL PROTECTION GENERAL NOTES

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

WALL PROTECTION ITEMS

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
●	Corner Guard 3" Partial Height	Corners-90 degree	InPro	Style: 150BN Color: See Wall Protection Color Legend Retainer: Vinyl Height: 48" Notes: Install above wall base. Utilize top and bottom caps.
◉	Corner Guard 3" Full Height	Corners-90 degree	InPro	Style: 150BN Color: See Wall Protection Color Legend Retainer: Vinyl Height: Full Height Notes: Install above wall base. Utilize top and bottom caps.
⊔	Corner Guard 3" Partial Height	Corners-End Walls	InPro	Style: 150DBN Color: See Wall Protection Color Legend Retainer: Vinyl Height: 48" Sheet Texture: Velvet Notes: Install above wall base. Utilize top and bottom caps.
⊔	Corner Guard 3" Full Height	Corners-End Walls	InPro	Style: 150DBN Color: See Wall Protection Color Legend Retainer: Vinyl Height: Full Height Sheet Texture: Velvet Notes: Install above wall base. Utilize top and bottom caps.
○	Corner Guard 3.5" 8' High	Corners-90 degree -Kitchen	InPro	Style: Stainless Steel Corner Gaurds Color: Stainless Steel, #4 satin finish Retainer: Stainless Steel Height:8' 16 Gauge thickness Notes: Install above poured wall base. Utilize top and bottom caps.
See Below	Hand Rail-Wood	See plans	InPro	Style: 3520WV Silhouette with wood hand rail and vinyl bumper Height: 7-7/8" Wood Finish: Crown Cherry Vinyl Color: See Wall Protection Color Legend
See Below	Hand Rail-Vinyl	See plans	InPro	Style: 1200 Height: 6-1/4" Vinyl Color: Crown Cherry 0545
See Below	Crash Rail-Vinyl	See plans	InPro	Style: 1600 Height: 6" Vinyl Color: See Wall Protection Color Legend
See Below	Bumper Rail-Vinyl	See plans	InPro	Style: 1300 w/mounting cushion Height: 4-1/16" Vinyl Color: See Wall Protection Color Legend
See Below	Rigid Sheet-Vinyl	See plans	InPro	Style: Rigid Vinyl Sheet Wall Protection Thickness: 0.060" Texture: Velvet Vinyl Color: See Wall Protection Color Legend Notes: Utilize vinyl seal caulk at seams, NOT vinyl trim pieces. Factory-cut sheets, do NOT field-cut. DO NOT APPLY RIGID SHEET TO ANY EXTERIOR WALL.

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STATE OF MISSOURI
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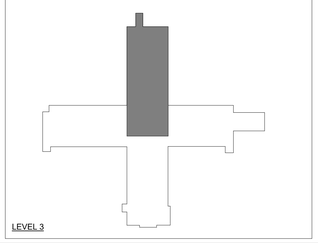

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WALL PROTECTION PLAN - LEVEL 3 - SECTOR A - (16) BED UNIT

AF302A

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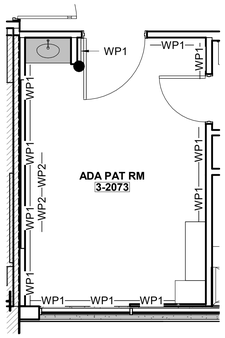

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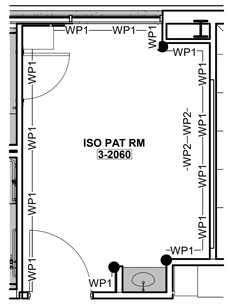

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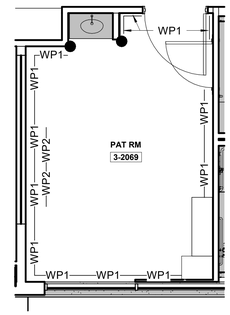

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STATE OF MISSOURI
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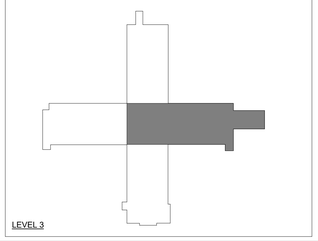

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WALL PROTECTION PLAN - LEVEL 3 - SECTOR B - (12) BED UNIT

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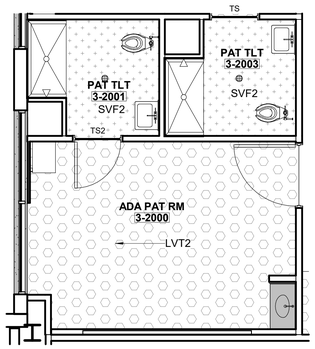
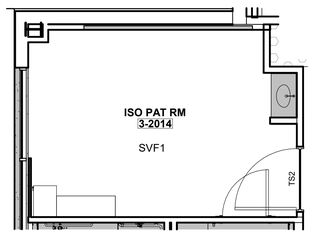


2 FLOOR PATTERN PLAN - ADA PAT/TLT RM, TYP.
1/4" = 1'-0"



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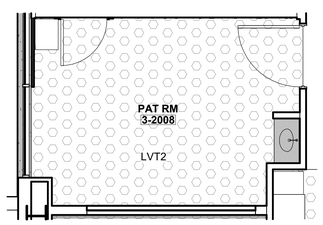

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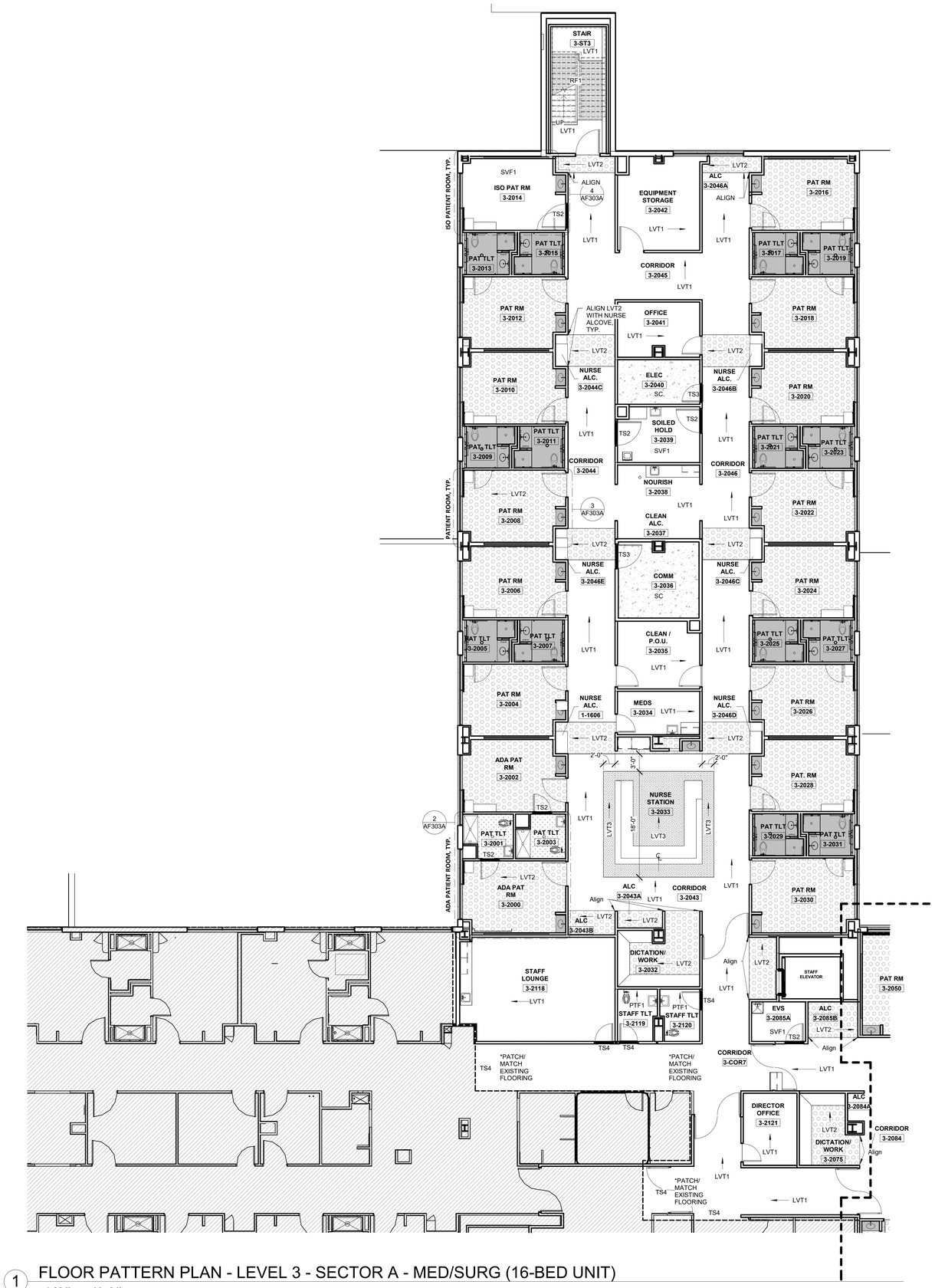

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*REFER TO THE VENDOR SCOPING DOCUMENTS FOR ADDITIONAL SCOPING AND COORDINATION INFORMATION.

FLOORING

CODE/ KEY	ITEM	LOCATION	MANUFACT.	DESCRIPTION
EF1	Epoxy Flooring	Floors	Stonhard	Style:Stonclad UT Color: Pewter Light Texture Note: Utilize Stonhards Stonproof ME7 membrane and Texture #3 Broadcast for waterproofing
LVT1	Luxury Vinyl Tile	Floors-Field-Med Surg	Mannington	Style: Amtico Signiture Wood Collection Color: Merbau AROW7590 Size: 7.25" x49" x 2.5 mm thick Adhesive: Manufacturer Recommended
LVT2	Luxury Vinyl Tile	Floors-Accent - Med Surg	Mannington	Style: Amtico Signiture Wood Collection Color: Manor Oak AROW7970 Size: 7.25" x 48" x 2.5 mm thick Adhesive: Manufacturer Recommended
LVT3	Luxury Vinyl Tile	Floors-Accent - Med Surg	Mannington	Style: Amtico Collection Color: Stria Basalt AROSM543 Size: 12"x 24" x 2.5 mm Adhesive: Manufacturer Recommended
PTF1	Porcelain Tile Floor	Floors-Field	Emser Tile	Style: Fixt Stone Matte Color: Gray Size: 12"x24" x 3/8" thick Grout: Laticrete, Spectralock Pro Premium Grout Color: 24 Natural Gray Grout Joint:1/8" Installation/Overlay: 1/3rd offset
PTF2	Porcelain Tile Floor	Floors-Medsurg	Emser Tile	Style: Milestone Color: Moon Size: 12"x24" x 3/8" thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: 24 Natural Gray Grout Joint: 1/8" Installation/Overlay:1/3rd offset
RF1	Rubber Treads & Risers	Stairs	Tarkett	Style: Visually Impaired Stair Tread w/Integral Riser PVIRNRDTR-38 Color: 38 Pewter CG Texture: Rounded Adhesive: Manufacturer Recommended Accent Strip:20 Charcoal
SC	Sealed Concrete	Floors	Sherwin Williams	Style: Armorseal Treadplex Color: Haze Gray Notes: See architectural specifications for information
SVF1	Sheet Vinyl Floor	Floors-Field	Mannington	Style: Biospec MD Color: New Glacier 15364 Roll Width: 6'-6" x 0.080" Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod 842361 Cream *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*
SVF2	Sheet Vinyl Floor	Floors-Slip Resistant	Mannington	Style: Assurance III Color: Cremello 16349 Roll Width: 6'-6" x 0.080" Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod 842322 Off White *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*

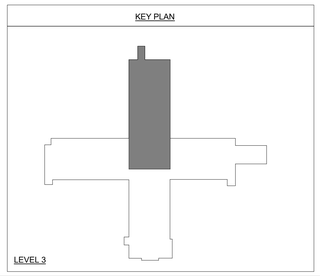
FLOORING TRANSITION STRIPS

TS1	Transition Strip	Porcelain/ Ceramic to 1/8" Resilient	Grifform	Ramping TRT#, 1/8" Beveled Corian Color: Concrete See Flooring for detail note about Ramp size.
TS2	Transition Strip	LVT to SVF	Sheet Flooring	*Manufacturer*, Weld Rod# *Utilize 2 coats of Quantum Guard HP Seam Coater Pen on Weld Rods
TS3	Transition Strip	1/8" Resilient to Concrete	Schluter Systems	Vinpro- U, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS4	Transition Strip	New Floor to Existing Flooring	Schluter Systems	Contractor to submit ADA compliant transition from that is appropriate for new/existing flooring heights. Stainless Steel ONLY
TS5	Transition Strip	Poured Epoxy Floor to Porcelain Tile/Resilient at doorway	Grifform	Threshold TT2 2" Deep 1/8" Beveled on each side Corian Color: Concrete
TS6	Existing	Subfloor Leveler Ramping solutions	Mannington	Subfloor Leveling transition 189 Wide Reducer Notes: Utilize to create ADA compliant transition
TS7	Transition Strip	Epoxy Floor to Porcelain in middle of room	Stonhard	Stonhard built in place transition

FLOORING LEGEND

TS	FLOORING TRANSITION TYPE
→	PLANK OR TILE DIRECTION
- - - - - -	PATTERN DIRECTION CHANGE

KEY PLAN



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REV #	DESCRIPTION	DATE

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

FLOOR PATTERN PLAN - LEVEL 3 - SECTOR A - (16) BED UNIT

AF303A

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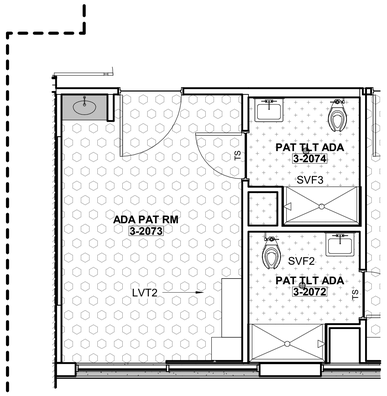
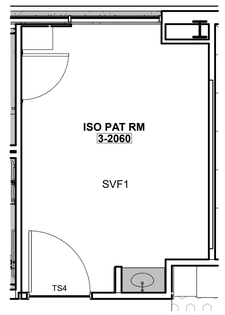
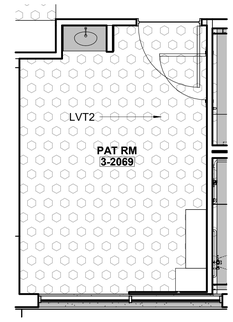


4 LEVEL 3 - FLOOR PATTERN PLAN - ADA PAT/TLT RM, TYP.
1/4" = 1'-0"



3 LEVEL 3 - FLOOR PATTERN PLAN - ISO RM, TYP.
1/4" = 1'-0"



2 LEVEL 3 - FLOOR PATTERN PLAN - PAT RM, TYP.
1/4" = 1'-0"

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

PRE-FABRICATED ELEMENTS

DENOTES HEADWALLS, FOOTWALLS, SINK ALCOVES, AND TOILETS PROVIDED BY PRE-FAB VENDOR.

*REFER TO THE VENDOR SCOPING DOCUMENTS FOR ADDITIONAL SCOPING AND COORDINATION INFORMATION.

FLOORING

CODE/ KEY	ITEM	LOCATION	MANUFACT.	DESCRIPTION
EF1	Epoxy Flooring	Floors	Stonhard	Style:Stonclad UT Color: Pewter Light Texture Note: Utilize Stonhards Stonproof ME7 membrane and Texture #3 Broadcast for waterproofing
LVT1	Luxury Vinyl Tile	Floors-Field-Med Surg	Mannington	Style: Amtico Signiture Wood Collection Color: Merbau AROW7590 Size: 7.25" x49" x 2.5 mm thick Adhesive: Manufacturer Recommended
LVT2	Luxury Vinyl Tile	Floors-Accent - Med Surg	Mannington	Style: Amtico Signiture Wood Collection Color: Manor Oak AROW7970 Size: 7.25" x 48" x 2.5 mm thick Adhesive: Manufacturer Recommended
LVT3	Luxury Vinyl Tile	Floors-Accent - Med Surg	Mannington	Style: Amtico Collection Color: Stria Basalt AROSM543 Size: 12"x 24" x 2.5 mm Adhesive: Manufacturer Recommended
PTF1	Porcelain Tile Floor	Floors-Field	Emser Tile	Style: Fixt Stone Matte Color: Gray Size: 12"x24" x 3/8" thick Grout: Laticrete, Spectralock Pro Premium Grout Color: 24 Natural Gray Grout Joint:1/8" Installation/Overlay: 1/3rd offset
PTF2	Porcelain Tile Floor	Floors-Medsurg	Emser Tile	Style: Milestone Color: Moon Size: 12"x24" x 3/8" thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: 24 Natural Gray Grout Joint: 1/8" Installation/Overlay:1/3rd offset
RF1	Rubber Treads & Risers	Stairs	Tarkett	Style: Visually Impaired Stair Tread w/Integral Riser PVIRNRDTR-38 Color: 38 Pewter CG Texture: Rounded Adhesive: Manufacturer Recommended Accent Strip:20 Charcoal
SC	Sealed Concrete	Floors	Sherwin Williams	Style: Armorseal Treadplex Color: Haze Gray Notes: See architectural specifications for information
SVF1	Sheet Vinyl Floor	Floors-Field	Mannington	Style: Biospec MD Color: New Glacier 15364 Roll Width: 6'-6" x 0.080" Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod 842361 Cream *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*
SVF2	Sheet Vinyl Floor	Floors-Slip Resistant	Mannington	Style: Assurance III Color: Cremello 16349 Roll Width: 6'-6" x 0.080" Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod 842322 Off White *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*

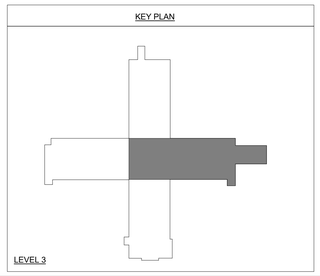
FLOORING TRANSITION STRIPS

TS1	Transition Strip	Porcelain/ Ceramic to 1/8" Resilient	Grifform	Ramping TRT#, 1/8" Beveled Corian Color: Concrete See Flooring for detail note about Ramp size.
TS2	Transition Strip	LVT to SVF	Sheet Flooring	*Manufacturer*, Weld Rod# *Utilize 2 coats of Quantum Guard HP Seam Coater Pen on Weld Rods
TS3	Transition Strip	1/8" Resilient to Concrete	Schluter Systems	Vinpro- U, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS4	Transition Strip	New Floor to Existing Flooring	Schluter Systems	Contractor to submit ADA compliant transition from that is appropriate for new/existing flooring heights. Stainless Steel ONLY
TS5	Transition Strip	Poured Epoxy Floor to Porcelain Tile/Resilient at doorway	Grifform	Threshold TT2 2" Deep 1/8" Beveled on each side Corian Color: Concrete
TS6	Existing	Subfloor Leveler Ramping solutions	Mannington	Subfloor Leveling transition 189 Wide Reducer Notes: Utilize to create ADA compliant transition
TS7	Transition Strip	Epoxy Floor to Porcelain in middle of room	Stonhard	Stonhard built in place transition

FLOORING LEGEND

TS	FLOORING TRANSITION TYPE
→	PLANK OR TILE DIRECTION
- - - - - -	PATTERN DIRECTION CHANGE

KEY PLAN



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www.interdesignstudio.com

DATE SIGNED: 12.05.24

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2100 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE

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FLOOR PATTERN PLAN - LEVEL 3 - SECTOR B - (12) BED UNIT

AF303B

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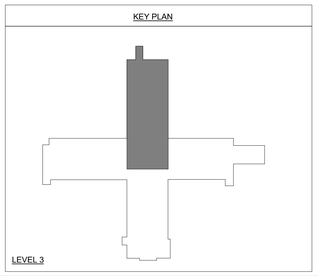
1 FURNITURE PLAN - LEVEL 3 - SECTOR A - MED/SURG (16-BED UNIT)
1/8" = 1'-0"

KEY PLAN



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STATE OF MISSOURI
RUDLEY C. CAMPBELL
NUMBER A-2001000
REGISTERED ARCHITECT

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FURNITURE PLAN - LEVEL 3 - SECTOR A - (16) BED UNIT

AF304A

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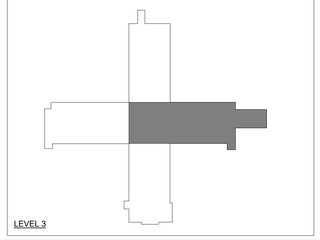
1 FURNITURE PLAN - LEVEL 3 - SECTOR B - MED/SURG (12-BED UNIT)
1/8" = 1'-0"

KEY PLAN



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FURNITURE PLAN - LEVEL 3 - SECTOR B - (12) BED UNIT

AF304B

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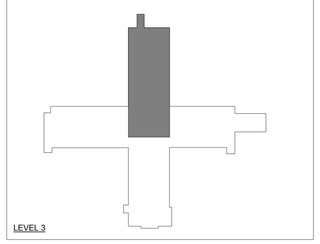
1 Level 3 - MED SURG -SIGNAGE PLAN - SECTOR A
1/8" = 1'-0"

SIGN TYPE LEGEND	
V	Sign Type : Vinyl Signs
PHD	Sign Type : Poster Holder- desktop
P2	Sign Type : Room Sign with "In use" slide slot
P1	Sign Tylpe: Patient Room Sign
P	Sign Type : Room Sign
P4	Sign Type: Room sign with Subscript
P3	Sign Type : Room Sign with Name Inserts
S	Sign Type : Room Sign with symbol
S1	Sign Type : Room Sign Symbol and information
I	Sign Type : Informational Sign
BW	Sign Type : Blade Wall Sign (Eye Wash)
BC	Sign Type : Blade Ceilings (Bays signs)
FE	Sign Type : Fire Evacuation Plan Signs
O	Sign Type: Over head
M	Sign Type: Metal routed (Logo)
OD	Sign Type: Overhead Directory
SD	Sign Type: Small Directional
MPH	Sign Type: Multi Poster Holder
D	Sign Type: Directory

KEY PLAN



LEVEL 3

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SIGNAGE PLAN- LEVEL 3 - SECTOR A - (16) BED UNIT

AF305A

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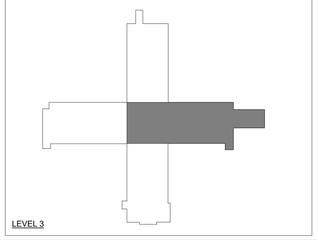
12/4/2024 6:32:22 PM

SIGN TYPE LEGEND	
V	Sign Type : Vinyl Signs
PHD	Sign Type : Poster Holder- desktop
P2	Sign Type : Room Sign with "In use" slide slot
P1	Sign Tylpe: Patient Room Sign
P	Sign Type : Room Sign
P4	Sign Type: Room sign with Subscript
P3	Sign Type : Room Sign with Name Inserts
S	Sign Type : Room Sign with symbol
S1	Sign Type : Room Sign Symbol and information
I	Sign Type : Informational Sign
BW	Sign Type : Blade Wall Sign (Eye Wash)
BC	Sign Type : Blade Ceilings (Bays signs)
FE	Sign Type : Fire Evacuation Plan Signs
O	Sign Type: Over head
M	Sign Type: Metal routed (Logo)
OD	Sign Type: Overhead Directory
SD	Sign Type: Small Directional
MPH	Sign Type: Multi Poster Holder
D	Sign Type: Directory

1 Level 3 - MED SURG -SIGNAGE PLAN - SECTOR B
1/8" = 1'-0"

KEY PLAN



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SIGNAGE PLAN- LEVEL 3 - SECTOR B - (12) BED UNIT

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