

Anti-Ligature Upgrades, Multiple Assets Fulton State Hospital (Fulton, Missouri)



OWNER: STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR

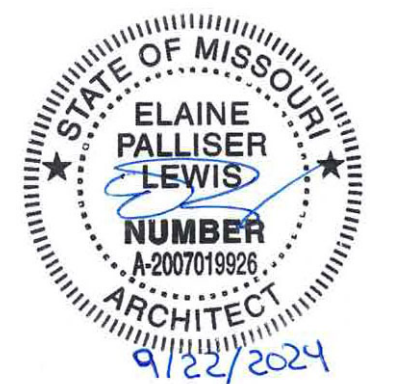
DEPARTMENT OF
Mental Health

PROJECT MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION

DESIGNER: Architect: L2e Solutions
Engineer: Astral Engineers

PROJECT NUMBER: M2312-001

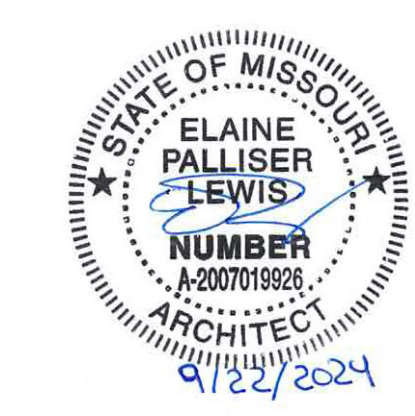
SITE NUMBER: 7352
FACILITY NUMBER: 6517352026
6517352027
6517352031
6517352057



SHEET NUMBER:

G-000

1 OF 66 SHEETS
SEPTEMBER 22, 2024



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

ARCHITECT
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OFFICE OF ADMINISTRATION
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MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MENTAL HEALTH

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026
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REVISION: -
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ISSUE DATE: 9-22-2024

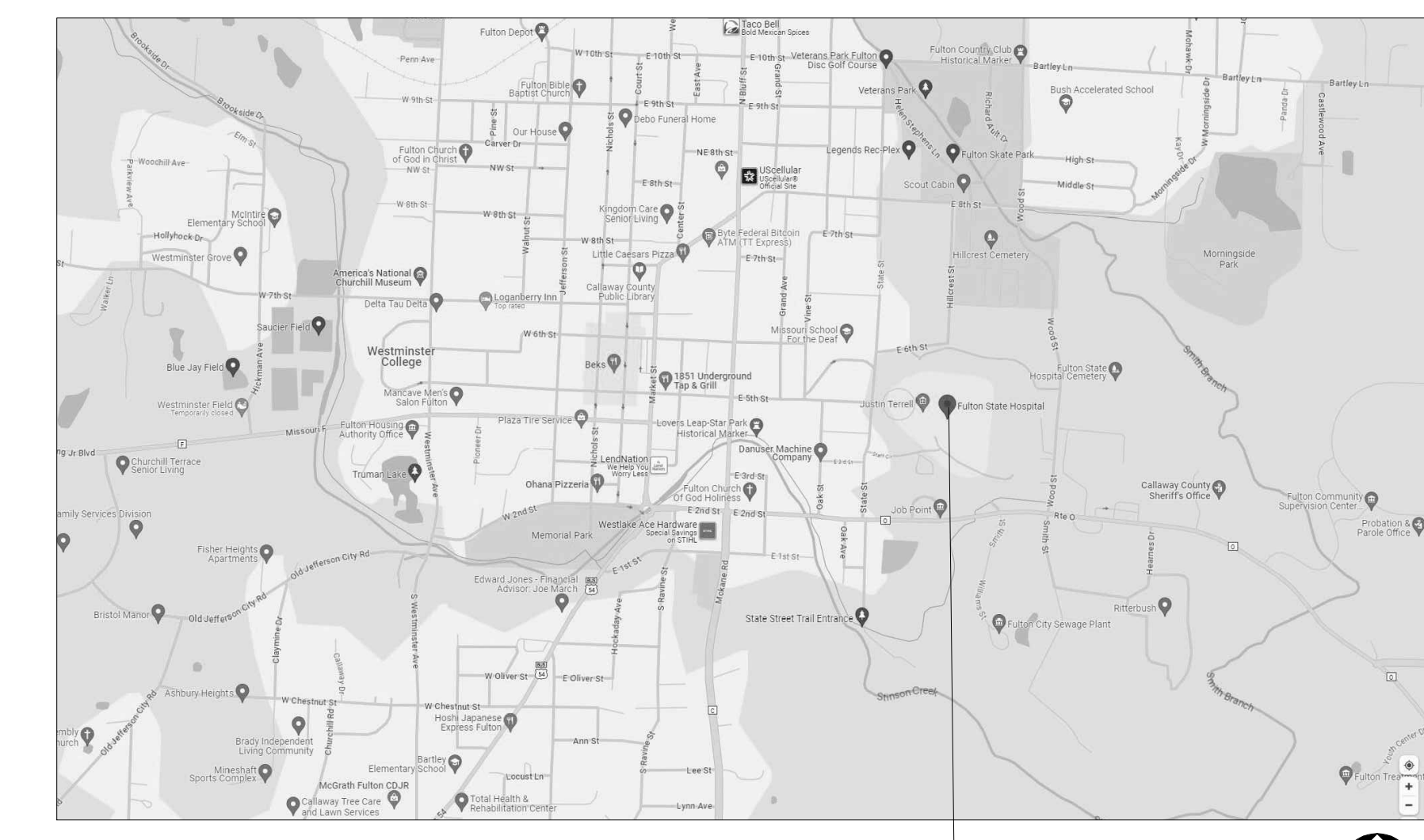
CAD DWG FILE: G-001
DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

SHEET TITLE:
PROJECT
INFORMATION

SHEET NUMBER:

G-001

2 OF 66 SHEETS
SEPTEMBER 22, 2024



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G001 NOT TO SCALE

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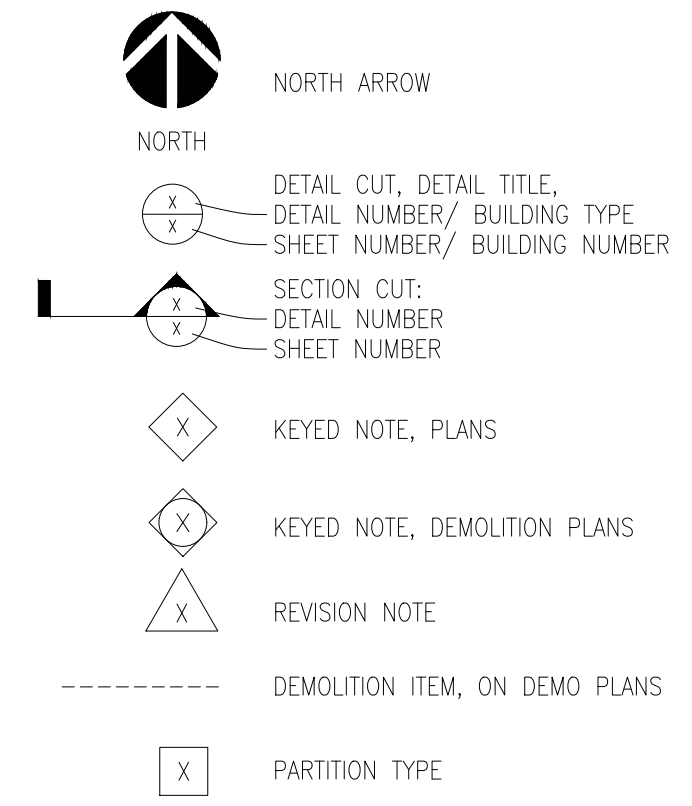
ALTERNATES:

- ALTERNATE #1: REMOVE EXISTING FIRE HOSE CABINET AND REPLACE WITH NEW LIGATURE RESISTANT CABINET PATCH/PAIN EXISTING BLOCK PARTITIONS AT NEW CABINET LOCATION.
- ALTERNATE #2: REMOVE EXISTING LOCKER SYSTEM AND INSTALL NEW LIGATURE RESISTANT LOCKER SYSTEM PATCH/PAIN EXISTING ADJACENT PARTITIONS.



2 OVERALL SITE PLAN - FULTON STATE HOSPITAL
G001 NOT TO SCALE

STANDARD NOTATION



STANDARD ARCHITECTURAL ABBREVIATIONS

A.B.	ANCHOR BOLT	(E)	EXISTING ITEM	JAN.	JANITOR	REINF.	REINFORCED, REINFORCING
ACOUS.	ACOUSTIC	EA.	EACH	JT.	JOINT	REQ'D	REQUIRED
A.C.T.	ACOUSTIC TILE CEILING	E.J.	EXPANSION JOINT			REV.	REVISION, REVERSED
ADJ.	ADJUSTABLE, ADJACENT	ELEC.	ELECTRICAL	L.P.	LIGHT POLE	R.T.	RUBBER TILE
A.F.F.	ABOVE FINISHED FLOOR	ELEV.	ELEVATION, ELEVATOR				
ALT.	ALTERNATE	ENG.	ENGINEER	MAS.	MASONRY	S&P	SHELF AND POLE
ALUM.	ALUMINUM	E.P.	ELECTRIC PANEL	MAX.	MAXIMUM	SC	SOLID CORE
ARCH.	ARCHITECT	EQ.	EQUAL	M.E.	MATCH EXISTING	SCHD.	SCHEDULE
		EQUIP.	EQUIPMENT	MECH.	MECHANICAL	SECT.	SECTION
BC	BASE CABINET	E.W.C.	ELECTRIC WATER COOLER	MFR.	MANUFACTURER	SEP.	SEPARATE, SEPARATION
BD.	BOARD	EXIST.	EXISTING	M.H.	MAN HOLE	SHT.	SHEET
BET.	BETWEEN	EXP.	EXPOSED, EXPANSION	MIN.	MINIMUM	SHTG.	SHEATHING
BLDG.	BUILDING	EXT.	EXTERIOR	MISC.	MISCELLANEOUS	SIM.	SIMILAR
BLKG.	BLOCKING	F	FILLER PANEL	MLDG.	MOULDING	SPCS.	SPACES
BM.	BEAM	F.D.	FLOOR DRAIN	M.O.	MASONRY OPENING	SPEC.	SPECIFICATION(S)
B.O.	BY OTHERS	FDIN.	FOUNDATION	MTD.	MOUNTED	SQ.	SQUARE
BOT.	BOTTOM	F.E.	FIRE EXTINGUISHER	MTL.	METAL	STL.	STEEL
BRG.	BEARING	F.H.	FIRE HYDRANT	MTRL.	MATERIAL	STOR.	STORAGE
		FIN.	FINISH	(N)	NEW ITEM	STRUCT.	STRUCTURE, STRUCTURAL
CL.	CENTERLINE	FLR.	FLOOR	N.I.C.	NOT IN CONTRACT	S.V.	SHEET VINYL
CAB.	CABINET	FLUOR.	FLUORESCENT	No.	NUMBER	T&G	TONGUE AND GROOVE
CEM.	CEMENT	F.P.H.B.	FREEZE PROOF HOSE BIBB	NOM.(±)	NOMINAL	T/	TOP OF
C.J.	CONTROL JOINT	F.R.	FIRE RATED	N.T.S.	NOT TO SCALE	TERR.	TERRAZZO
CLG.	CEILING	F.R.T.	FIRE RETARDANT TREATED			THRESH.	THRESHOLD
CLOS.	CLOSET	FT.	FOOT, FEET	O.C.	ON CENTER	THRU	THROUGH
CLR.	CLEAR	FTG.	FOOTING	O.D.	OUTSIDE DIAMETER	TPO	THERMOPLASTIC OLEFIN MEMBRANE ROOFING
C.M.U.	CONCRETE MASONRY UNIT			OPNG.	OPENING	TYP.	TYPICAL
COL.	COLUMN	GA.	GAUGE	OPP.	OPPOSITE		
COMP.	COMPACTED, COMPRESSIBLE	GALV.	GALVANIZED	P.LAM.	PLASTIC LAMINATE	U.L.	UNDERWRITERS LABORATORY
CONC.	CONCRETE	G.C.	GENERAL CONTRACTOR	PLYWD.	PLYWOOD	U.N.O.	UNLESS OTHERWISE NOTED
CONST.	CONSTRUCTION	GR.	GRADE	PT.	PAINT	V.B.	VAPOR BARRIER, VANITY BASE
CONT.	CONTINUOUS	GYP.	GYPSUM	P.V.C.	POLY-VINYL CHLORIDE	V.C.T.	VINYL COMPOSITION TILE
CORR.	CORRIDOR	HC	HOLLOW CORE, HANDICAPPED	P.V.T.	PAVER TILE	VEST.	VESTIBULE
CORR.	CORRIDOR	HDWR.	HARDWARE			VERT.	VERTICAL
CPT.	CARPET	H.M.	HOLLOW METAL				
C.R.C.	COLD ROLLED CHANNEL	HORIZ.	HORIZONTAL	O.T.	QUARRY TILE		
C.T.	CERAMIC TILE	HR.	HOUR			W	WASHER
D	DRYER	HT.	HEIGHT	(R)	RELOCATED ITEM	W/	WITH
DB	DRAWER BASE	H.V.A.C.	HEATING, VENTILATION, AND AIR CONDITIONING	R.	RISER, RADIUS	WC	WALL CABINET
DEMO.	DEMOLITION			R.B.	RESILIENT BASE	WD.	WOOD
DET.	DETAIL			R.D.	ROOF DRAIN	W.	WATER HEATER
D.F.	DRINKING FOUNTAIN			R.O.	ROUGH OPENING	WOLM.	WOLMANIZED
DI.A.	DIAMETER			REC.	RECESSED	WP.	WATERPROOF(ING)
DISP.	DISPENSER	I	INSULATED	REF.	REFRIGERATOR	WT.	WOOD TILE
DS	DOWNSPOUT	I.D.	INTERIOR DIAMETER			W.W.F.	WELODED WIRE FABRIC
DWG.	DRAWING	INSUL.	INSULATION				
		INT.	INTERIOR				

NOTE: NOT ALL SYMBOLS AND/OR ABBREVIATIONS MAY BE USED

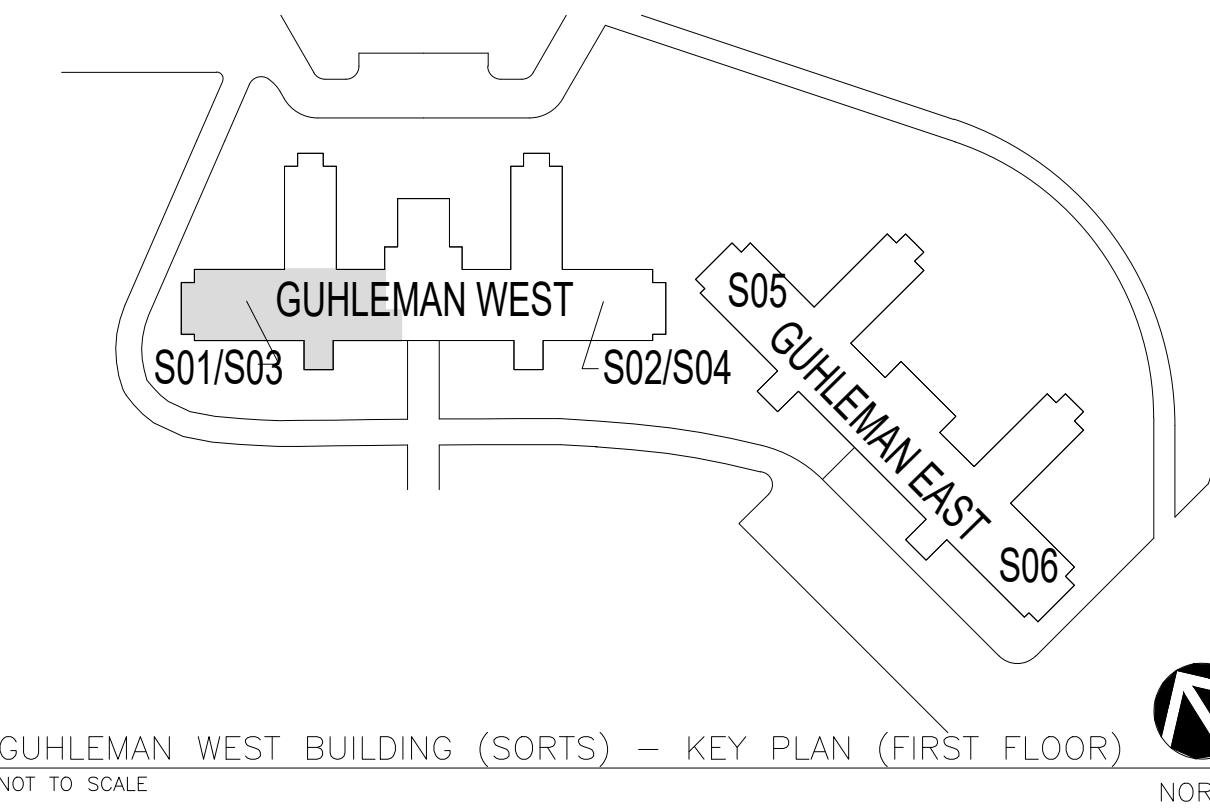
PROJECT INFORMATION:
GUHLEMAN BUILDING WEST (6517352027) - TWO STORY BUILDING
GUHLEMAN BUILDING EAST (6517352026) - TWO STORY BUILDING
HEARNES BUILDING (6517352031) - SINGLE STORY BUILDING
NIXON BUILDING (6517352057) - SINGLE STORY BUILDING

GENERAL NOTES – PLANS:

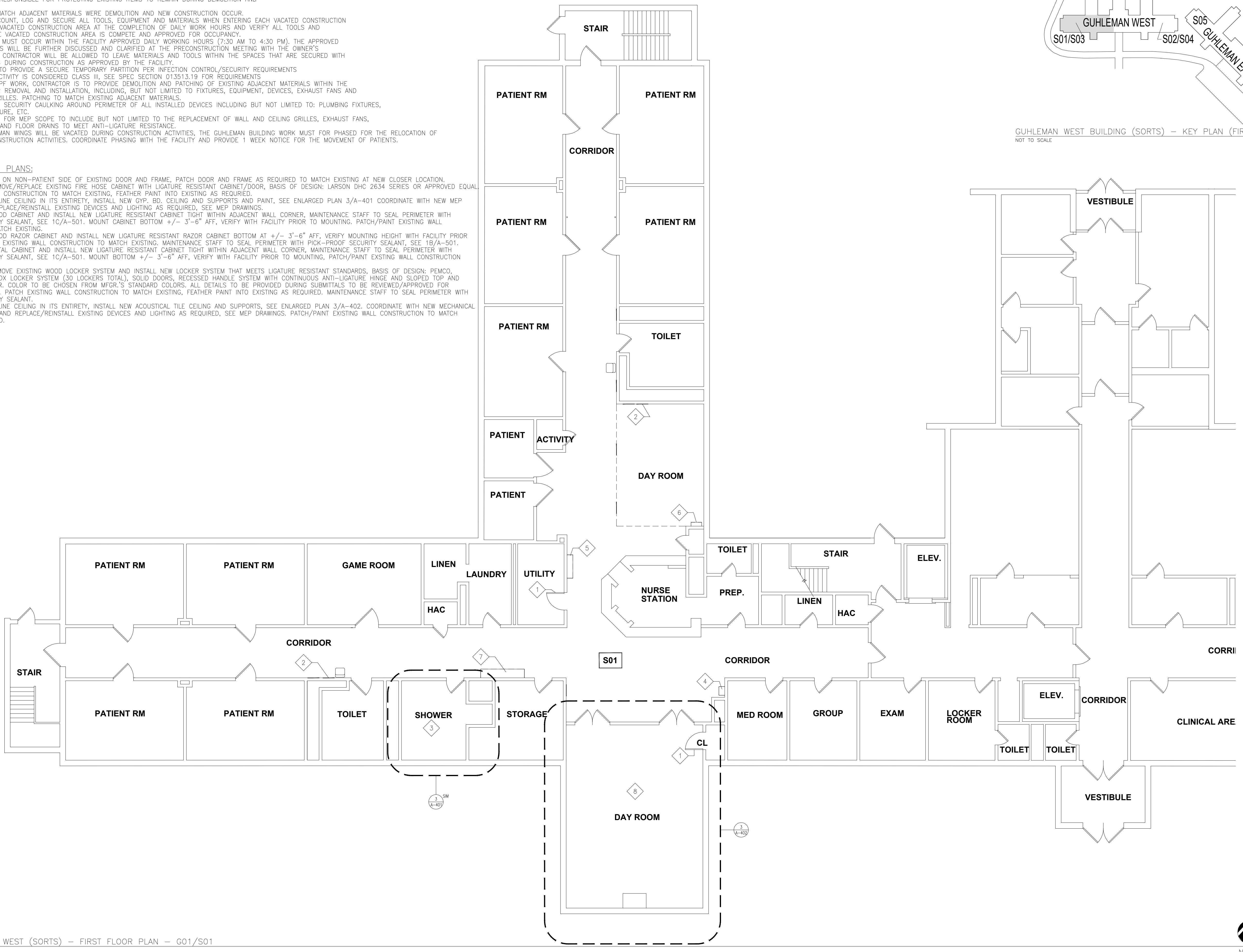
- A. THE CONTRACTOR IS TO VISIT THE SITE DURING THE BIDDING PERIOD AND IS TO ADVISE THE ARCHITECT OF ANY SITUATION OR DISCREPANCY WHICH WILL NOT ALLOW SUCCESSFUL COMPLETION OF THE WORK.
- B. THE ARCHITECT'S DECISION WILL CLARIFY THE SCOPE OF WORK.
- C. INFORMATION IS TAKEN FROM OWNER PROVIDED DOCUMENTS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK.
- D. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING ITEMS TO REMAIN DURING DEMOLITION AND NEW CONSTRUCTION.
- E. PATCH EXISTING TO MATCH ADJACENT MATERIALS WHERE DEMOLITION AND NEW CONSTRUCTION OCCUR.
- F. CONTRACTOR SHALL COUNT, LOG AND SECURE ALL TOOLS, EQUIPMENT AND MATERIALS WHEN ENTERING EACH VACATED CONSTRUCTION AREA, SECURE EACH VACATED CONSTRUCTION AREA AT THE COMPLETION OF DAILY WORK HOURS AND VERIFY ALL TOOLS AND EQUIPMENT WHEN THE VACATED CONSTRUCTION AREA IS COMPLETE AND APPROVED FOR OCCUPANCY.
- G. CONSTRUCTION WORK MUST OCCUR WITHIN THE FACILITY APPROVED DAILY WORKING HOURS (7:30 AM TO 4:30 PM). THE APPROVED DAILY WORKING HOURS WILL BE FURTHER DISCUSSED AND CLARIFIED AT THE PRECONSTRUCTION MEETING WITH THE OWNER'S REPRESENTATIVE. THE CONTRACTOR WILL BE ALLOWED TO LEAVE MATERIALS AND TOOLS WITHIN THE SPACES THAT ARE SECURED WITH CONSTRUCTION LOCKS DURING CONSTRUCTION AS APPROVED BY THE FACILITY.
- H. THE CONTRACTOR IS TO PROVIDE A SECURE TEMPORARY PARTITION PER INFECTION CONTROL/SECURITY REQUIREMENTS.
- I. ALL CONSTRUCTION ACTIVITY IS CONSIDERED CLASS III, SEE SPEC SECTION 013513.19 FOR REQUIREMENTS.
- J. AT LOCATIONS OF MEPP WORK, CONTRACTOR IS TO PROVIDE DEMOLITION AND PATCHING OF EXISTING ADJACENT MATERIALS WITHIN THE SCOPE OF WORK FOR REMOVAL AND INSTALLATION, INCLUDING, BUT NOT LIMITED TO FIXTURES, EQUIPMENT, DEVICES, EXHAUST FANS AND WALL AND CEILING GRILLES. PATCHING TO MATCH EXISTING ADJACENT MATERIALS.
- K. PROVIDE PICK-PROOF SECURITY CAULKING AROUND PERIMETER OF ALL INSTALLED DEVICES INCLUDING BUT NOT LIMITED TO: PLUMBING FIXTURES, MEP DEVICES, FURNITURE, ETC.
- L. SEE MEP DOCUMENTS FOR MEP SCOPE TO INCLUDE BUT NOT LIMITED TO THE REPLACEMENT OF WALL AND CEILING GRILLES, EXHAUST FANS, PLUMBING FIXTURES, AND FLOOR DRAINS TO MEET ANTI-LIGATURE RESISTANCE.
- M. EACH OF THE GUHLEMAN WINGS WILL BE VACATED DURING CONSTRUCTION ACTIVITIES, THE GUHLEMAN BUILDING WORK MUST BE PHASED FOR THE RELOCATION OF PATIENTS DURING CONSTRUCTION ACTIVITIES. COORDINATE PHASING WITH THE FACILITY AND PROVIDE 1 WEEK NOTICE FOR THE MOVEMENT OF PATIENTS.

KEYED NOTES – PLANS:

- 1. INSTALL NEW CLOSER ON NON-PATIENT SIDE OF EXISTING DOOR AND FRAME, PATCH DOOR AND FRAME AS REQUIRED TO MATCH EXISTING AT NEW CLOSER LOCATION.
- 2. ALTERNATE #1 – REMOVE/REPLACE EXISTING FIRE HOSE CABINET WITH LIGATURE RESISTANT CABINET/DOOR, BASIS OF DESIGN: LARSON DHC 2634 SERIES OR APPROVED EQUAL. PATCH EXISTING WALL CONSTRUCTION TO MATCH EXISTING, FEATHER PAINT INTO EXISTING AS REQUIRED.
- 3. REMOVE EXISTING SPLINE CEILING IN ITS ENTIRETY, INSTALL NEW GYP. BD. CEILING AND SUPPORTS AND PAINT, SEE ENLARGED PLAN 3/A-401 COORDINATE WITH NEW MEP INSTALLATION AND REPLACE/REINSTALL EXISTING DEVICES AND LIGHTING AS REQUIRED, SEE MEP DRAWINGS.
- 4. REMOVE EXISTING WOOD CABINET AND INSTALL NEW LIGATURE RESISTANT CABINET TIGHT WITHIN ADJACENT WALL CORNER, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1C/A-501. MOUNT CABINET BOTTOM +/- 3'-6" AFF, VERIFY WITH FACILITY PRIOR TO MOUNTING, PATCH/PAINT EXISTING WALL CONSTRUCTION TO MATCH EXISTING.
- 5. REMOVE EXISTING WOOD RAZOR CABINET AND INSTALL NEW LIGATURE RESISTANT RAZOR CABINET BOTTOM AT +/- 3'-6" AFF. VERIFY MOUNTING HEIGHT WITH FACILITY PRIOR TO MOUNTING, PATCH EXISTING WALL CONSTRUCTION TO MATCH EXISTING, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1C/A-501. MOUNT CABINET BOTTOM +/- 3'-6" AFF, VERIFY WITH FACILITY PRIOR TO MOUNTING, PATCH/PAINT EXISTING WALL CONSTRUCTION TO MATCH EXISTING.
- 6. ALTERNATE #2 – REMOVE EXISTING WOOD LOCKER SYSTEM AND INSTALL NEW LOCKER SYSTEM THAT MEETS LIGATURE RESISTANT STANDARDS, BASIS OF DESIGN: PEMCO, VANGUARD, 5-TIER BOX LOCKER SYSTEM (30 LOCKERS TOTAL), SOLID DOORS, RECESSED HANDLE SYSTEM WITH CONTINUOUS ANTI-LIGATURE HINGE AND SLOPED TOP AND SOLID BASE AT FLOOR. COLOR TO BE CHOSEN FROM MGR.'S STANDARD COLORS. ALL DETAILS TO BE PROVIDED DURING SUBMITTALS TO BE REVIEWED/APPROVED FOR LIGATURE RESISTANCE. PATCH EXISTING WALL CONSTRUCTION TO MATCH EXISTING, FEATHER PAINT INTO EXISTING AS REQUIRED. MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT.
- 7. REMOVE EXISTING SPLINE CEILING IN ITS ENTIRETY, INSTALL NEW ACOUSTICAL TILE CEILING AND SUPPORTS, SEE ENLARGED PLAN 3/A-402. COORDINATE WITH NEW MECHANICAL GRILLE INSTALLATION AND REPLACE/REINSTALL EXISTING DEVICES AND LIGHTING AS REQUIRED, SEE MEP DRAWINGS. PATCH/PAINT EXISTING WALL CONSTRUCTION TO MATCH EXISTING AS REQUIRED.



GUHLEMAN WEST BUILDING (SORTS) – KEY PLAN (FIRST FLOOR)
NOT TO SCALE



1 GUHLEMAN WEST (SORTS) – FIRST FLOOR PLAN – G01/S01
A-101 1/8" = 1'-0"



STATE OF MISSOURI
MICHAEL L PARSON,
GOVERNOR



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CERTIFICATE OF AUTHORITY #2018019473

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PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

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ISSUE DATE: 9-22-2024

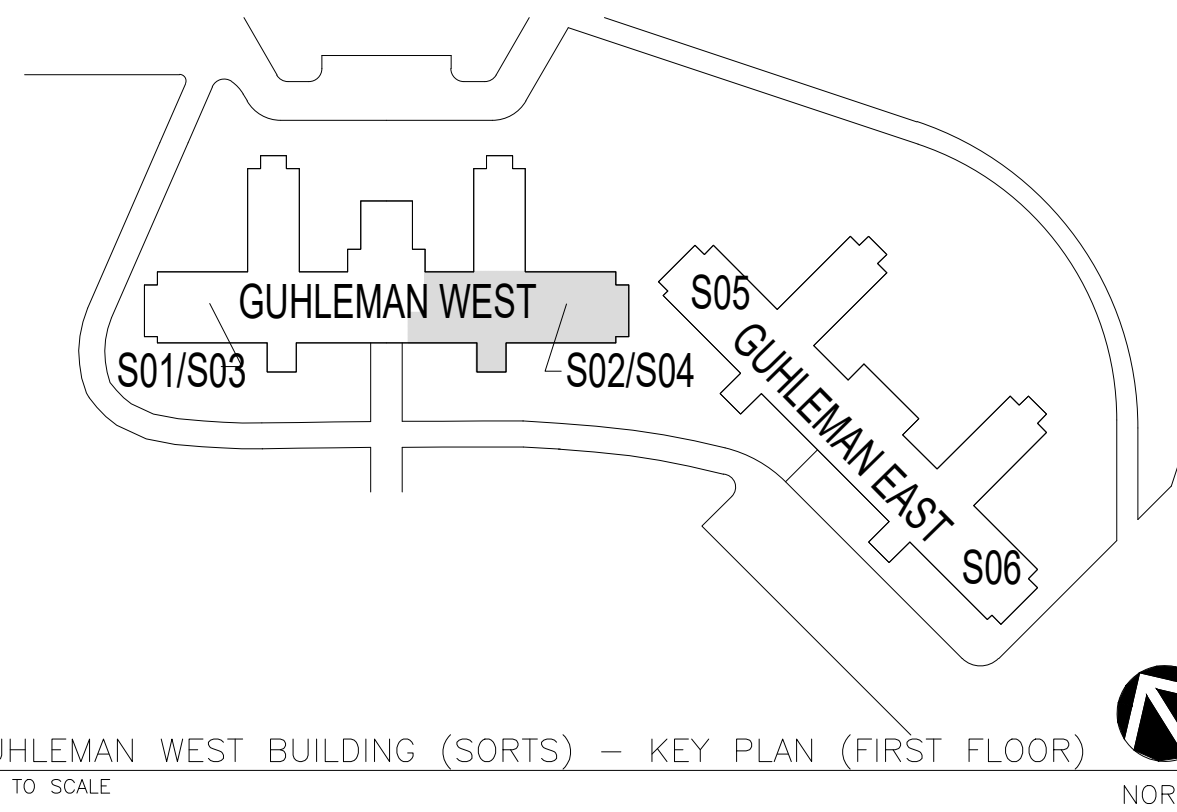
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SHEET TITLE:
GUHLEMAN BLDG.
WEST (SORTS)
FIRST FLR - G01/S01

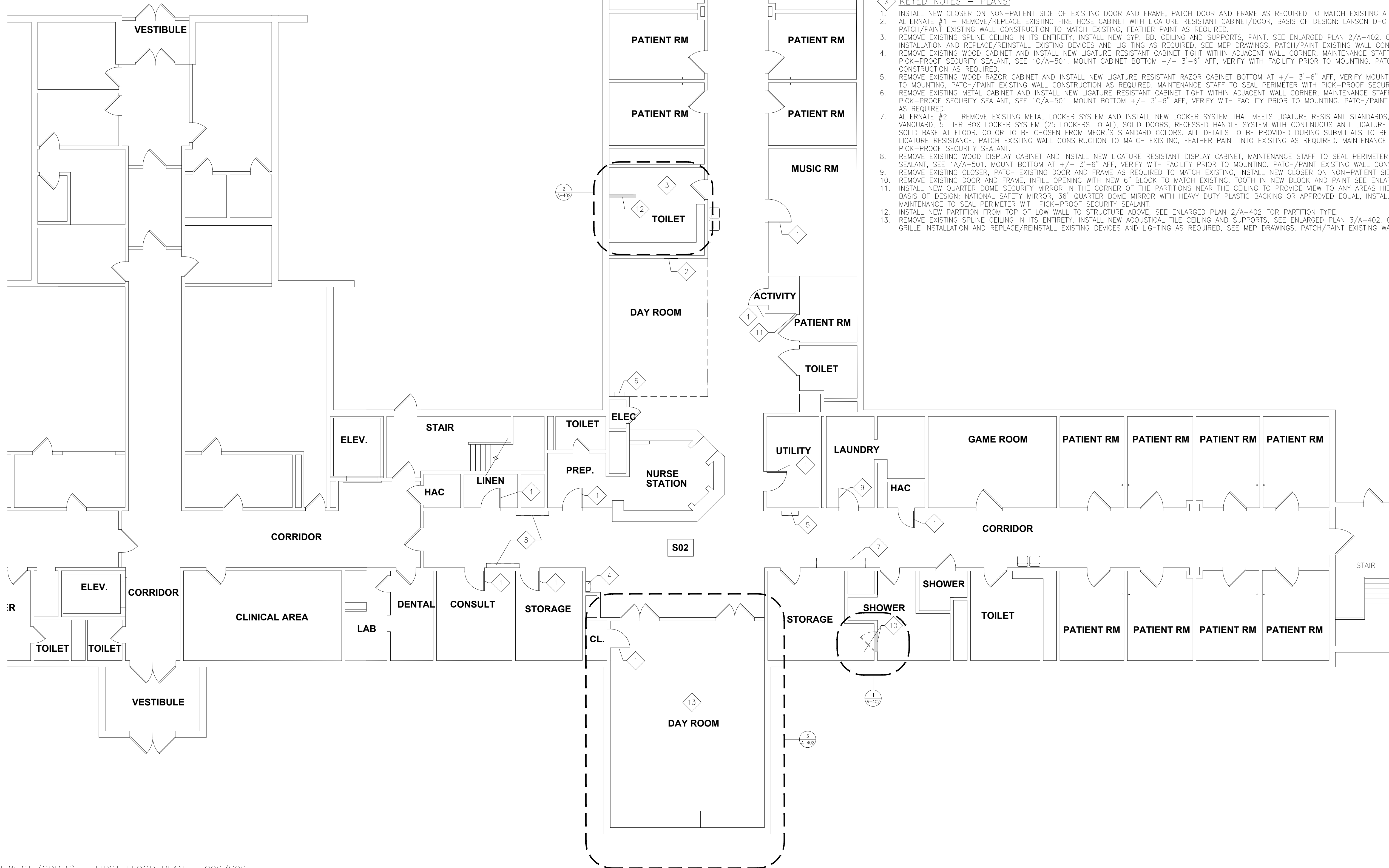
SHEET NUMBER:

A-101

3 OF 66 SHEETS
SEPTEMBER 22, 2024



GUHLEMAN WEST BUILDING (SORTS) – KEY PLAN (FIRST FLOOR)
NOT TO SCALE



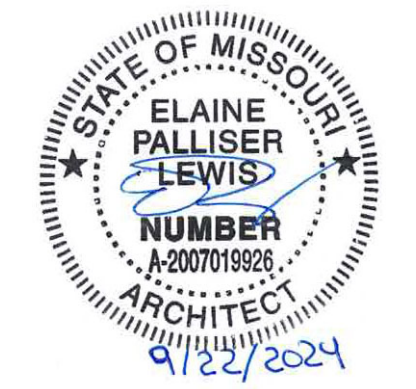
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KEYED NOTES – PLANS:

- 1. INSTALL NEW CLOSER ON NON-PATIENT SIDE OF EXISTING DOOR AND FRAME, PATCH DOOR AND FRAME AS REQUIRED TO MATCH EXISTING AT NEW CLOSER LOCATION.
- 2. ALTERNATE #1 – REMOVE/REPLACE EXISTING FIRE HOSE CABINET WITH LIGATURE RESISTANT CABINET/DOOR, BASIS OF DESIGN: LARSON DHC 2634 SERIES OR APPROVED EQUAL. PATCH/PAINT EXISTING WALL CONSTRUCTION TO MATCH EXISTING. FEATHER PAINT AS REQUIRED.
- 3. REMOVE EXISTING SPLINE CEILING IN ITS ENTIRETY, INSTALL NEW GYP. BD. CEILING AND SUPPORTS, PAINT. SEE ENLARGED PLAN 2/A-402. COORDINATE WITH NEW MEP INSTALLATION AND REPLACE/REINSTALL EXISTING DEVICES AND LIGHTING AS REQUIRED, SEE MEP DRAWINGS. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
- 4. REMOVE EXISTING WOOD CABINET AND INSTALL NEW LIGATURE RESISTANT CABINET TIGHT WITHIN ADJACENT WALL CORNER, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1C/A-501. MOUNT CABINET BOTTOM +/- 3'-6" AFF, VERIFY WITH FACILITY PRIOR TO MOUNTING. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
- 5. REMOVE EXISTING WOOD RAZOR CABINET AND INSTALL NEW LIGATURE RESISTANT RAZOR CABINET BOTTOM AT +/- 3'-6" AFF, VERIFY MOUNTING HEIGHT WITH FACILITY PRIOR TO MOUNTING, PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED. MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1B/A-501.
- 6. REMOVE EXISTING METAL CABINET AND INSTALL NEW LIGATURE RESISTANT CABINET TIGHT WITHIN ADJACENT WALL CORNER, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1C/A-501. MOUNT BOTTOM +/- 3'-6" AFF, VERIFY WITH FACILITY PRIOR TO MOUNTING. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
- 7. ALTERNATE #2 – REMOVE EXISTING METAL LOCKER SYSTEM AND INSTALL NEW LOCKER SYSTEM THAT MEETS LIGATURE RESISTANT STANDARDS, BASIS OF DESIGN: PEMCO VANGUARD, 5-TIER BOX LOCKER SYSTEM (25 LOCKERS TOTAL), SOLID DOORS, RECESSED HANDLE SYSTEM WITH CONTINUOUS ANTI-LIGATURE HINGE AND SLOPED TOP AND SOLID BASE AT FLOOR. COLOR TO BE CHOSEN FROM MFR.'S STANDARD COLORS. ALL DETAILS TO BE PROVIDED DURING SUBMITTALS TO BE REVIEWED/APPROVED FOR LIGATURE RESISTANCE. PATCH EXISTING WALL CONSTRUCTION TO MATCH EXISTING, FEATHER PAINT INTO EXISTING AS REQUIRED. MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT.
- 8. REMOVE EXISTING WOOD DISPLAY CABINET AND INSTALL NEW LIGATURE RESISTANT DISPLAY CABINET, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1A/A-501. MOUNT BOTTOM AT +/- 3'-6" AFF, VERIFY WITH FACILITY PRIOR TO MOUNTING. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
- 9. REMOVE EXISTING CLOSER, PATCH EXISTING DOOR AND FRAME AS REQUIRED TO MATCH EXISTING, INSTALL NEW CLOSER ON NON-PATIENT SIDE OF DOOR.
- 10. REMOVE EXISTING DOOR AND FRAME, INFILL OPENING WITH NEW 6" BLOCK TO MATCH EXISTING, TOOTH IN NEW BLOCK AND PAINT SEE ENLARGED PLAN 1/A-402.
- 11. INSTALL NEW QUARTER DOME SECURITY MIRROR IN THE CORNER OF THE PARTITIONS NEAR THE CEILING TO PROVIDE VIEW TO ANY AREAS HIDDEN FROM NURSES' STATION VIEW, BASIS OF DESIGN: NATIONAL SAFETY MIRROR, 36" QUARTER DOME MIRROR WITH HEAVY DUTY PLASTIC BACKING OR APPROVED EQUAL, INSTALL PER MFR RECOMMENDATIONS, MAINTENANCE TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT.
- 12. INSTALL NEW PARTITION FROM TOP OF LOW WALL TO STRUCTURE ABOVE, SEE ENLARGED PLAN 2/A-402 FOR PARTITION TYPE.
- 13. REMOVE EXISTING SPLINE CEILING IN ITS ENTIRETY, INSTALL NEW ACOUSTICAL TILE CEILING AND SUPPORTS, SEE ENLARGED PLAN 3/A-402. COORDINATE WITH NEW MECHANICAL GRILLE INSTALLATION AND REPLACE/REINSTALL EXISTING DEVICES AND LIGHTING AS REQUIRED, SEE MEP DRAWINGS. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.

1 GUHLEMAN WEST (SORTS) – FIRST FLOOR PLAN – G02/S02
A-102 1/8" = 1'-0"



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

ARCHITECT
L2e SOLUTIONS
20 S. SARAH STREET, ST. LOUIS, MO 63108

ENGINEER - MEP
ASTRAL ENGINEERS
PO BOX 190, RANCHO CUCAMONGA, CA 91729

**OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION**

**DEPARTMENT OF
MENTAL HEALTH**

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: -
DATE: -
REVISION: -
DATE: -
REVISION: -
DATE: -
ISSUE DATE: 9-22-2024

CAD DWG FILE: A-FP-02
DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

SHEET TITLE:
GUHLEMAN BLDG.
WEST (SORTS)
FIRST FLR - G02/S02

SHEET NUMBER:

A-102

4 OF 66 SHEETS
SEPTEMBER 22, 2024

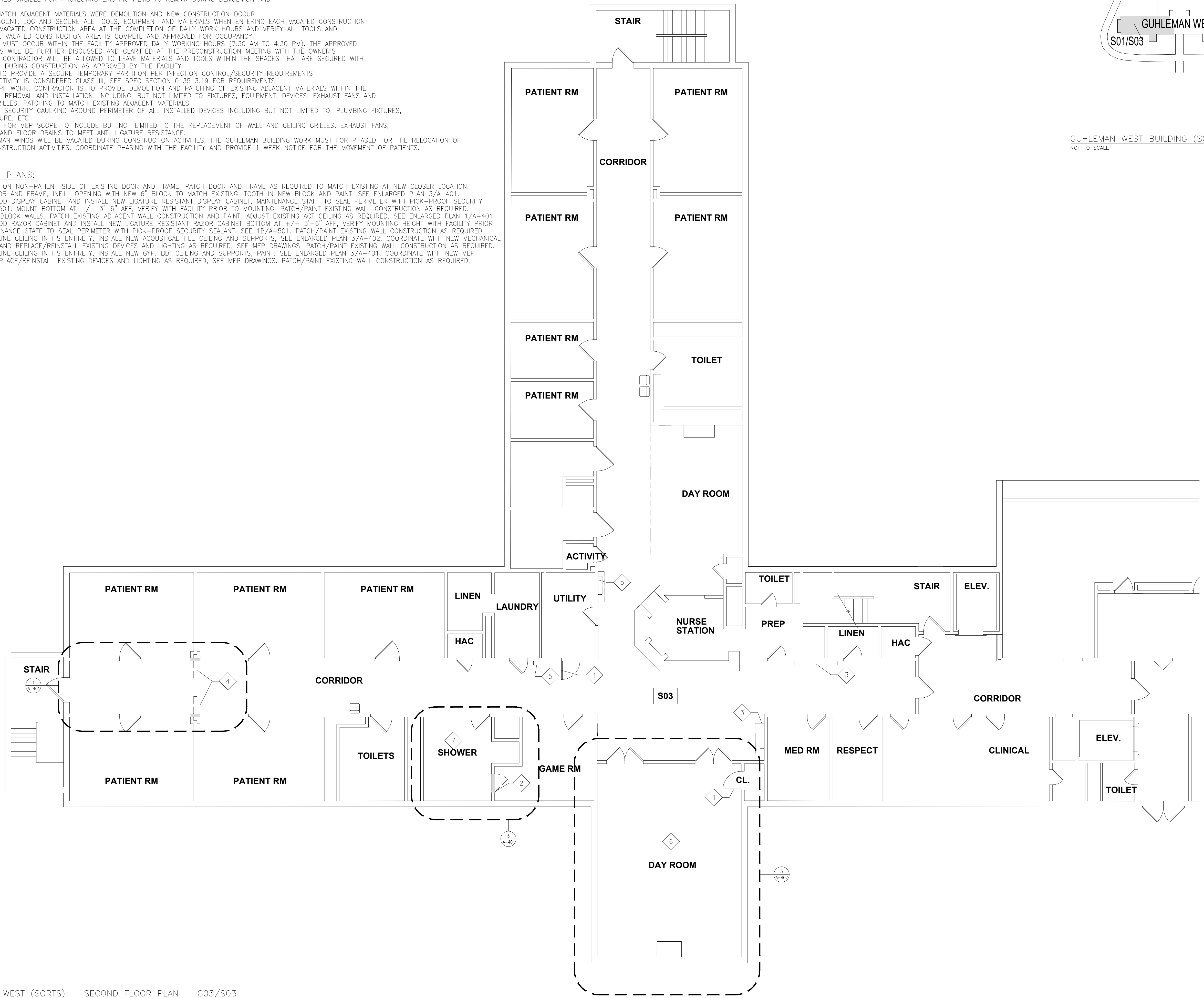
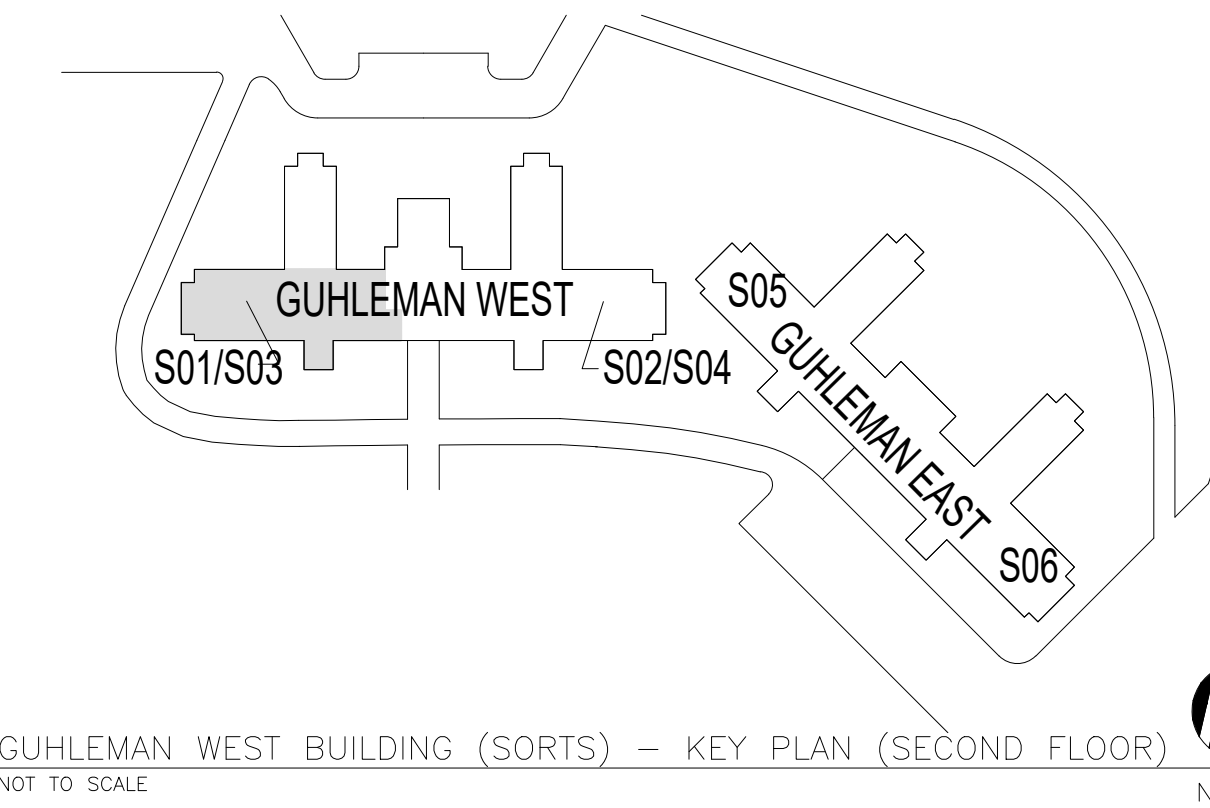


GENERAL NOTES – PLANS:

- A. THE CONTRACTOR IS TO VISIT THE SITE DURING THE BIDDING PERIOD AND IS TO ADVISE THE ARCHITECT OF ANY SITUATION OR DISCREPANCY WHICH WILL NOT ALLOW SUCCESSFUL COMPLETION OF THE WORK.
- B. THE ARCHITECT'S DECISION WILL CLARIFY THE SCOPE OF WORK.
- C. INFORMATION IS TAKEN FROM OWNER PROVIDED DOCUMENTS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK.
- D. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING ITEMS TO REMAIN DURING DEMOLITION AND NEW CONSTRUCTION.
- E. PATCH EXISTING TO MATCH ADJACENT MATERIALS WHERE DEMOLITION AND NEW CONSTRUCTION OCCUR.
- F. CONTRACTOR SHALL COUNT, LOG AND SECURE ALL TOOLS, EQUIPMENT AND MATERIALS WHEN ENTERING EACH VACATED CONSTRUCTION AREA, SECURE EACH VACATED CONSTRUCTION AREA AT THE COMPLETION OF DAILY WORK HOURS AND VERIFY ALL TOOLS AND EQUIPMENT WHEN THE VACATED CONSTRUCTION AREA IS COMPLETE AND APPROVED FOR OCCUPANCY.
- G. CONSTRUCTION WORK MUST OCCUR WITHIN THE FACILITY APPROVED DAILY WORKING HOURS (7:30 AM TO 4:30 PM). THE APPROVED DAILY WORKING HOURS WILL BE FURTHER DISCUSSED AND CLARIFIED AT THE PRECONSTRUCTION MEETING WITH THE OWNER'S REPRESENTATIVE. THE CONTRACTOR WILL BE ALLOWED TO LEAVE MATERIALS AND TOOLS WITHIN THE SPACES THAT ARE SECURED WITH CONSTRUCTION LOCKS DURING CONSTRUCTION AS APPROVED BY THE FACILITY.
- H. THE CONTRACTOR IS TO PROVIDE A SECURE TEMPORARY PARTITION PER INFECTION CONTROL/SECURITY REQUIREMENTS.
- I. ALL CONSTRUCTION ACTIVITY IS CONSIDERED CLASS III, SEE SPEC SECTION 013513.19 FOR REQUIREMENTS.
- J. AT LOCATIONS OF MEPP WORK, CONTRACTOR IS TO PROVIDE DEMOLITION AND PATCHING OF EXISTING ADJACENT MATERIALS WITHIN THE SCOPE OF WORK FOR REMOVAL AND INSTALLATION, INCLUDING, BUT NOT LIMITED TO FIXTURES, EQUIPMENT, DEVICES, EXHAUST FANS AND WALL AND CEILING GRILLES. PATCHING TO MATCH EXISTING ADJACENT MATERIALS.
- K. PROVIDE PICK-PROOF SECURITY CAULKING AROUND PERIMETER OF ALL INSTALLED DEVICES INCLUDING BUT NOT LIMITED TO: PLUMBING FIXTURES, MEP DEVICES, FURNITURE, ETC.
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- 3. REMOVE EXISTING WOOD DISPLAY CABINET AND INSTALL NEW LIGATURE RESISTANT DISPLAY CABINET, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1A/A-501. MOUNT BOTTOM AT +/- 3'-6" AFF. VERIFY WITH FACILITY PRIOR TO MOUNTING. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
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1 GUHLEMAN WEST (SORTS) – SECOND FLOOR PLAN – G03/S03
A-103 1/8" = 1'-0"

STATE OF MISSOURI
MICHAEL L PARSON,
GOVERNOR



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

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OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MENTAL HEALTH

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: -
DATE: -
REVISION: -
DATE: -
REVISION: -
DATE: -
ISSUE DATE: 9-22-2024

CAD DWG FILE: A-FP-03
DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

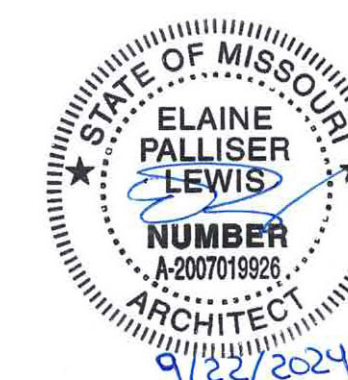
SHEET TITLE:
GUHLEMAN BLDG.
WEST (SORTS)
SECOND FLR - G03/S03

SHEET NUMBER:

A-103

5 OF 66 SHEETS
SEPTEMBER 22, 2024





STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

ARCHITECT
L2e SOLUTIONS
20 S. SARAH STREET, ST. LOUIS, MO 63108

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ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: -
DATE: -
REVISION: -
DATE: -
REVISION: -
DATE: -
ISSUE DATE: 9-22-2024

CAD DWG FILE: A-FP-04
DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

SHEET TITLE:
GUHLEMAN BLDG.
WEST (SORTS)
SECOND FLR - G04/S04

SHEET NUMBER:

A-104

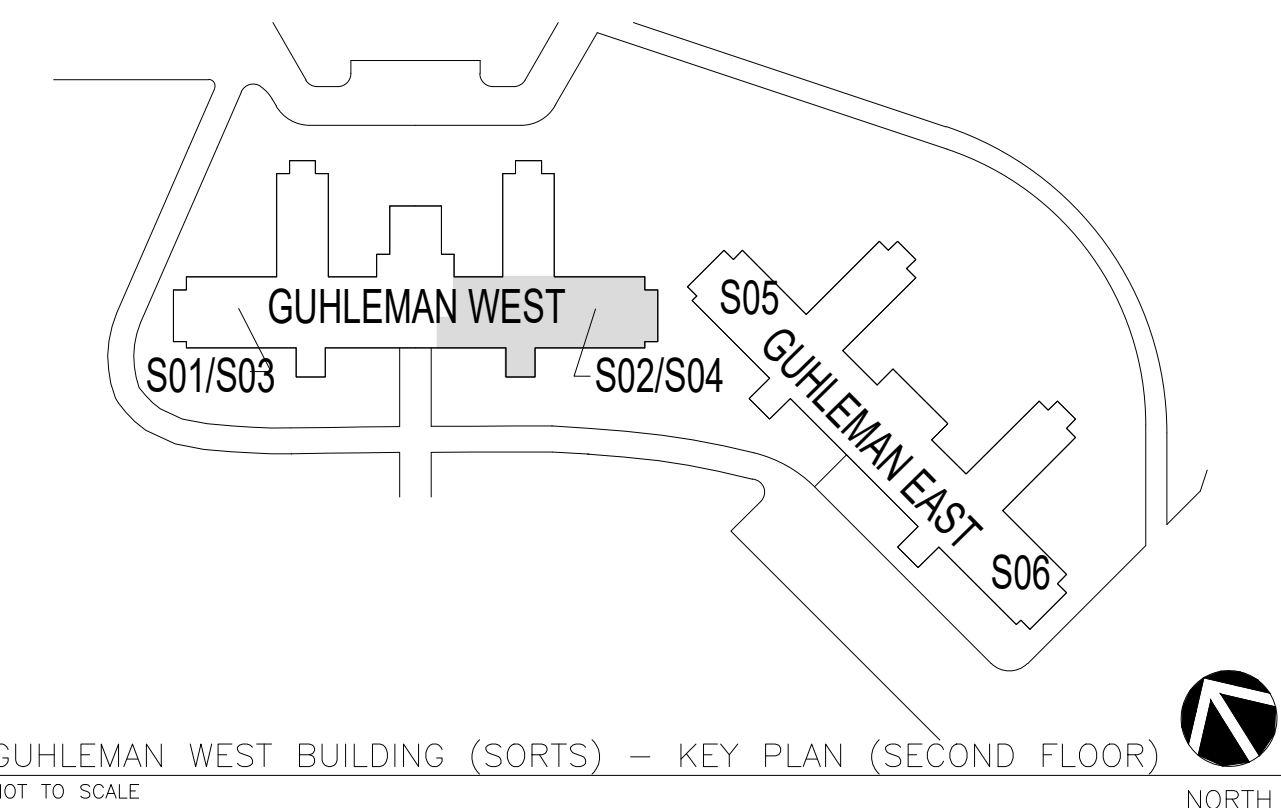
6 OF 66 SHEETS
SEPTEMBER 22, 2024

GENERAL NOTES - PLANS:

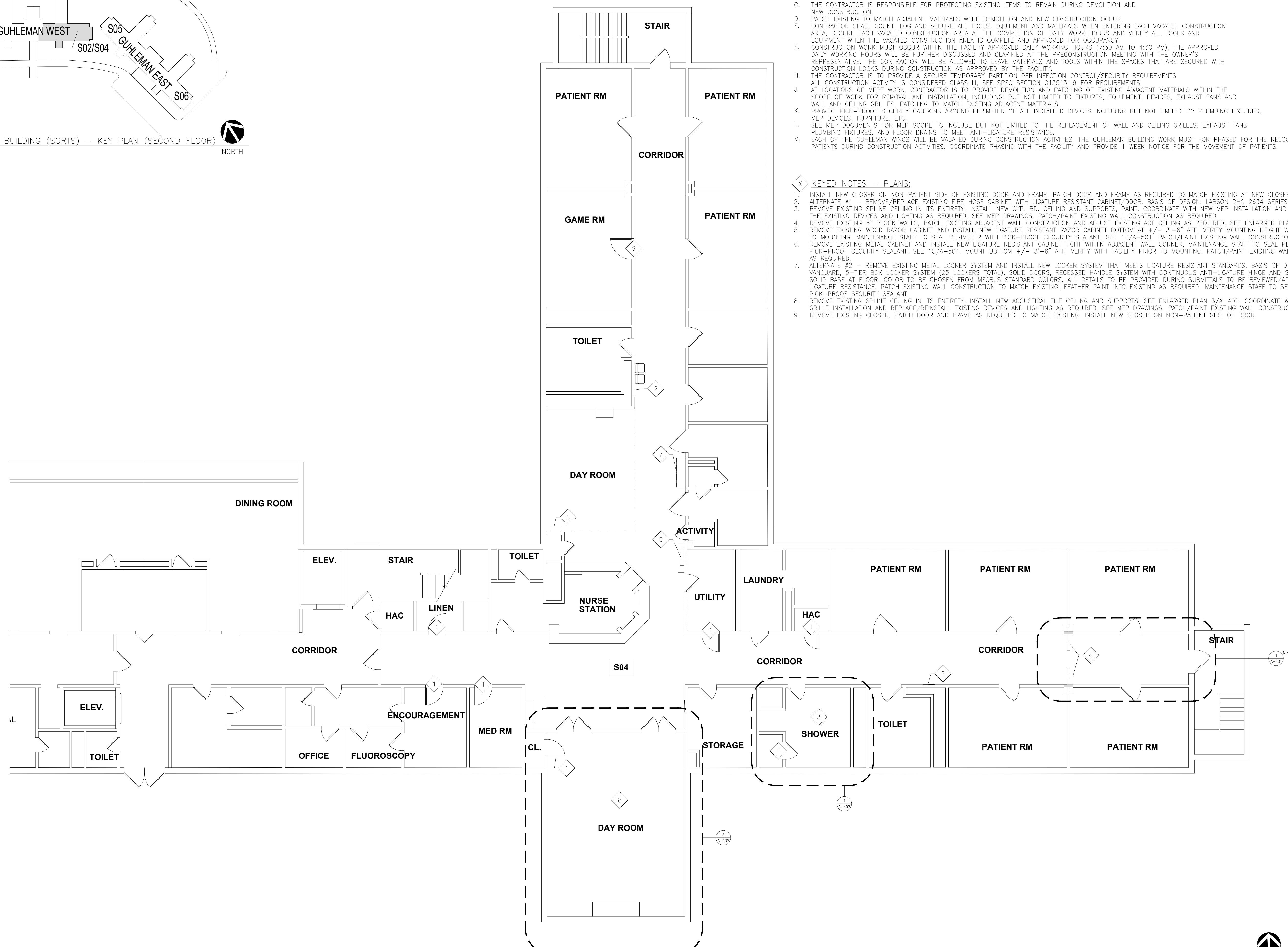
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GUHLEMAN WEST BUILDING (SORTS) - KEY PLAN (SECOND FLOOR)
NOT TO SCALE



1 GUHLEMAN WEST (SORTS) - SECOND FLOOR PLAN - G04/S04
A-104 1/8" = 1'-0"

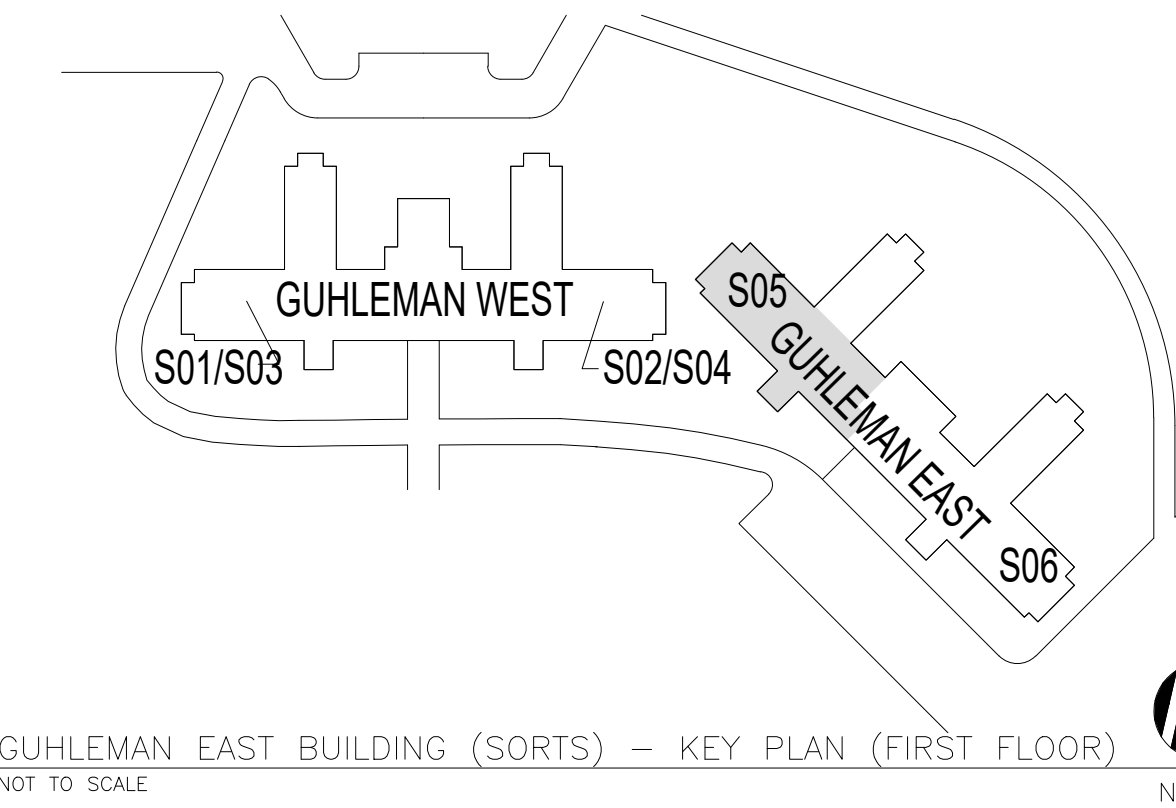
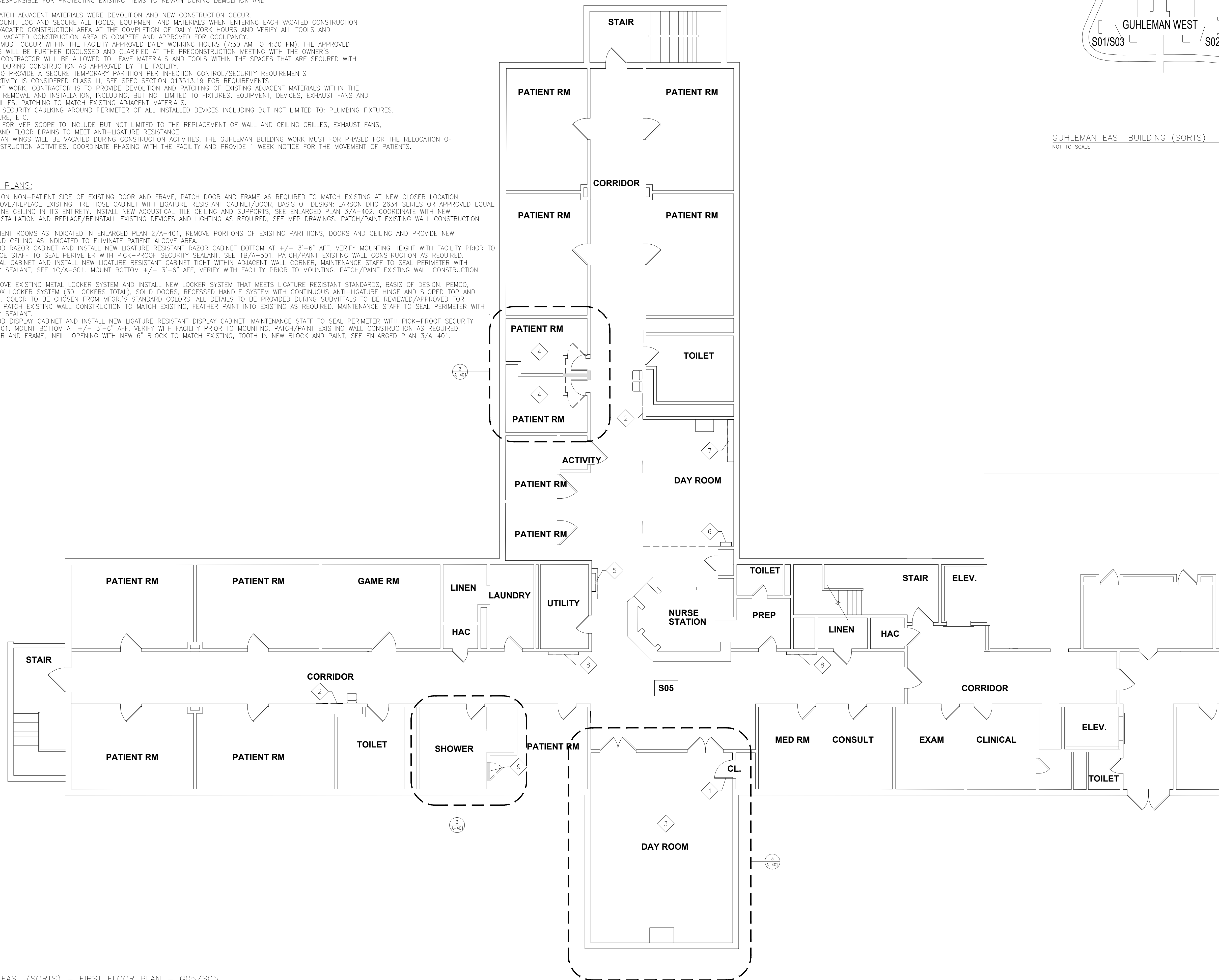


GENERAL NOTES – PLANS:

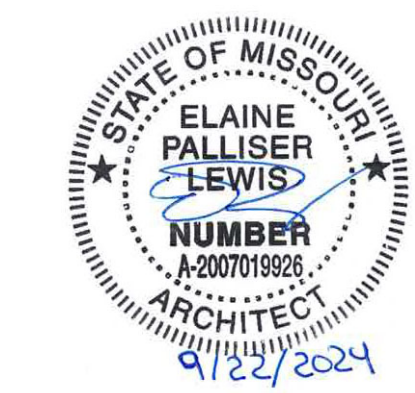
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4. REWORK EXISTING PATIENT ROOMS AS INDICATED IN ENLARGED PLAN 2/A-401. REMOVE PORTIONS OF EXISTING PARTITIONS, DOORS AND CEILING AND PROVIDE NEW PARTITIONS, DOORS AND CEILING AS INDICATED TO ELIMINATE PATIENT ALCOVE AREA.
5. REMOVE EXISTING WOOD RAZOR CABINET AND INSTALL NEW LIGATURE RESISTANT RAZOR CABINET BOTTOM AT +/- 3'-6" AFF. VERIFY MOUNTING HEIGHT WITH FACILITY PRIOR TO MOUNTING. MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1B/A-501. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
6. REMOVE EXISTING METAL CABINET AND INSTALL NEW LIGATURE RESISTANT CABINET TIGHT WITHIN ADJACENT WALL CORNER, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1C/A-501. MOUNT BOTTOM +/- 3'-6" AFF. VERIFY WITH FACILITY PRIOR TO MOUNTING. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
7. ALTERNATE #2 – REMOVE EXISTING METAL LOCKER SYSTEM AND INSTALL NEW LOCKER SYSTEM THAT MEETS LIGATURE RESISTANT STANDARDS, BASIS OF DESIGN: PEMCO, VANGUARD, 5-TIER BOX LOCKER SYSTEM (30 LOCKERS TOTAL), SOLID DOORS, RECESSED HANDLE SYSTEM WITH CONTINUOUS ANTI-LIGATURE HINGE AND SLOPED TOP AND SOLID BASE AT FLOOR. COLOR TO BE CHOSEN FROM MFR.'S STANDARD COLORS. ALL DETAILS TO BE PROVIDED DURING SUBMITTALS TO BE REVIEWED/APPROVED FOR LIGATURE RESISTANCE. PATCH EXISTING WALL CONSTRUCTION TO MATCH EXISTING, FEATHER PAINT INTO EXISTING AS REQUIRED. MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT.
8. REMOVE EXISTING WOOD DISPLAY CABINET AND INSTALL NEW LIGATURE RESISTANT DISPLAY CABINET. MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1A/A-501. MOUNT BOTTOM AT +/- 3'-6" AFF. VERIFY WITH FACILITY PRIOR TO MOUNTING. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
9. REMOVE EXISTING DOOR AND FRAME, INFILL OPENING WITH NEW 6" BLOCK TO MATCH EXISTING, TOOTH IN NEW BLOCK AND PAINT, SEE ENLARGED PLAN 3/A-401.



STATE OF MISSOURI
MICHAEL L PARSON,
GOVERNOR



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

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DESIGN AND CONSTRUCTION

DEPARTMENT OF
MENTAL HEALTH

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: -
DATE: -
REVISION: -
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REVISION: -
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ISSUE DATE: 9-22-2024

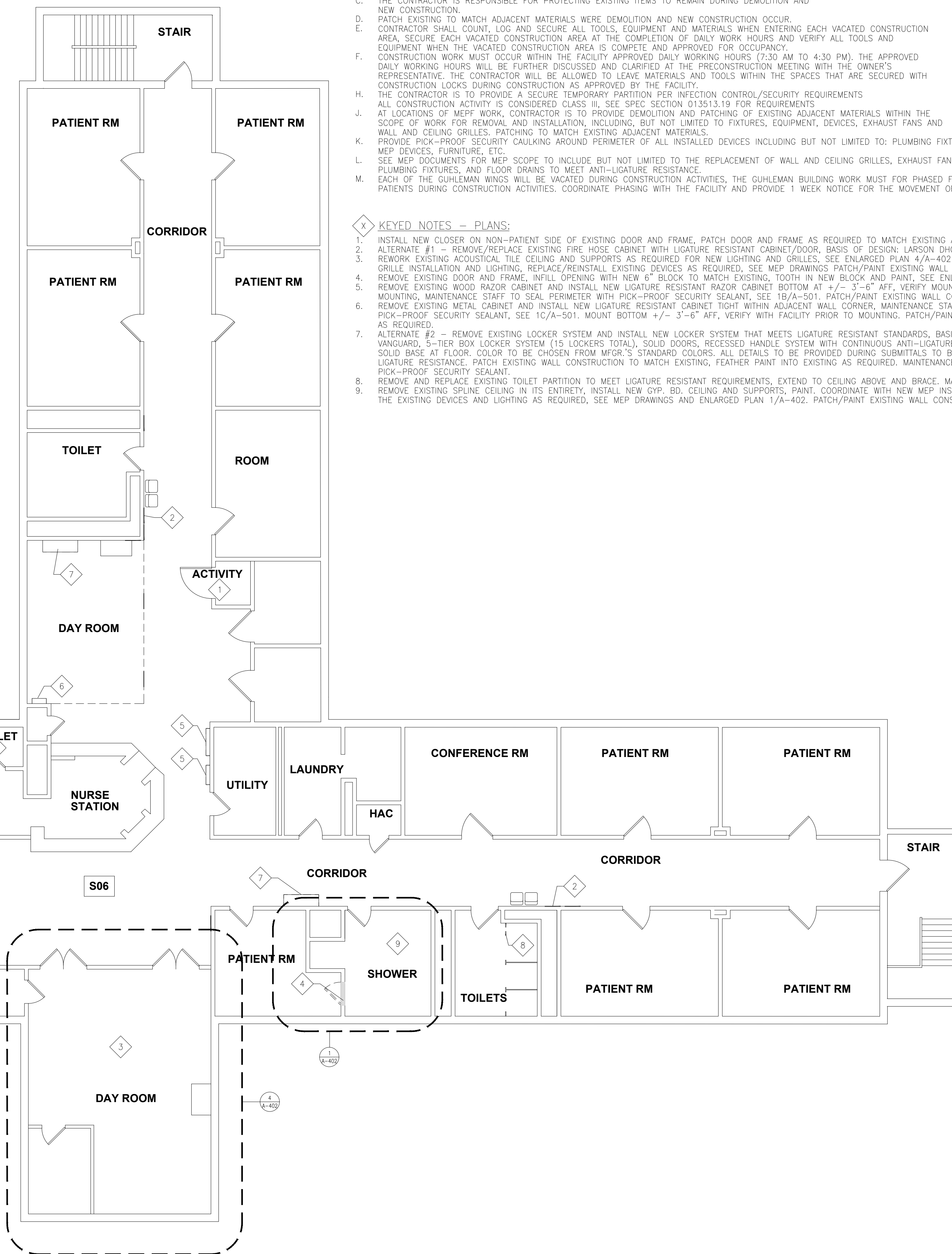
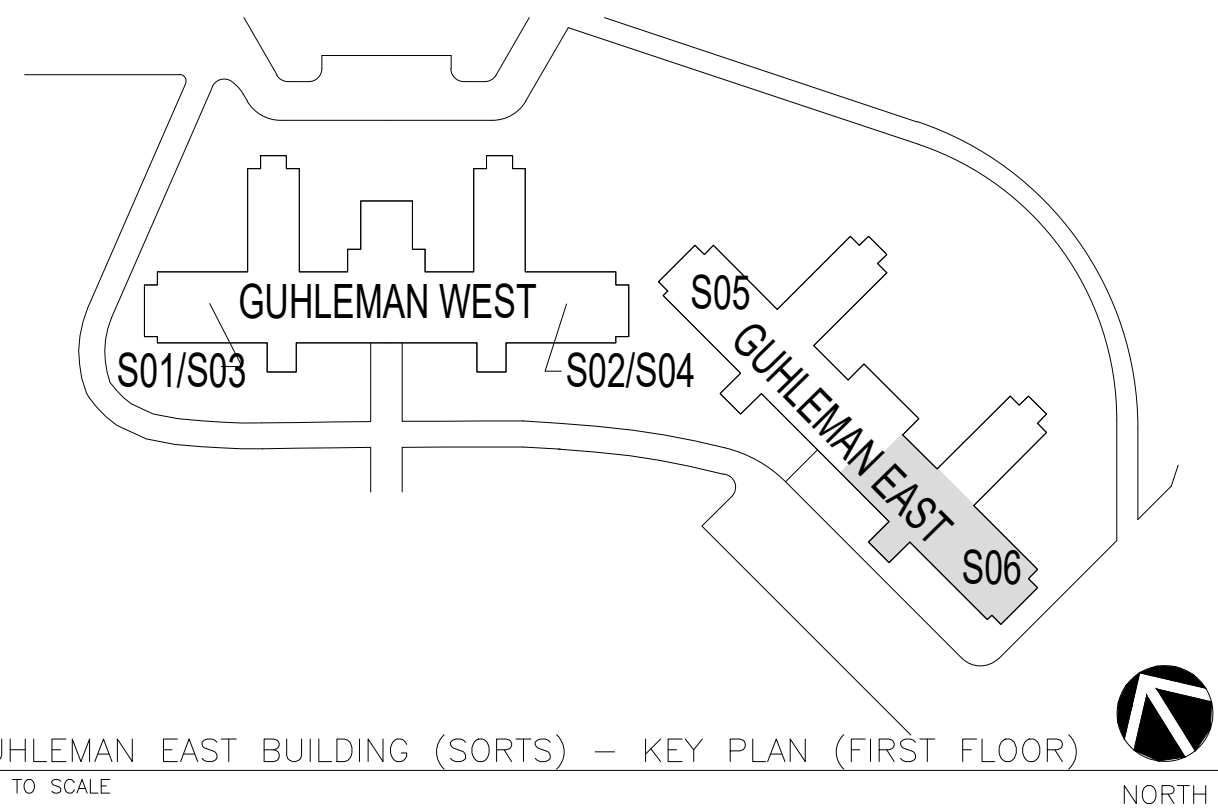
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DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

SHEET TITLE:
GUHLEMAN BLDG.
EAST (SORTS)
FIRST FLR - G05/S05

SHEET NUMBER:

A-105

7 OF 66 SHEETS
SEPTEMBER 22, 2024



GENERAL NOTES – PLANS:

- A. THE CONTRACTOR IS TO VISIT THE SITE DURING THE BIDDING PERIOD AND IS TO ADVISE THE ARCHITECT OF ANY SITUATION OR DISCREPANCY WHICH WILL NOT ALLOW SUCCESSFUL COMPLETION OF THE WORK. THE ARCHITECT'S DECISION WILL CLARIFY THE SCOPE OF WORK.
- B. INFORMATION IS TAKEN FROM OWNER PROVIDED DOCUMENTS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK.
- C. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING ITEMS TO REMAIN DURING DEMOLITION AND NEW CONSTRUCTION.
- D. PATCH EXISTING TO MATCH ADJACENT MATERIALS WERE DEMOLITION AND NEW CONSTRUCTION OCCUR.
- E. CONTRACTOR SHALL COUNT, LOG AND SECURE ALL TOOLS, EQUIPMENT AND MATERIALS WHEN ENTERING EACH VACATED CONSTRUCTION AREA, SECURE EACH VACATED CONSTRUCTION AREA AT THE COMPLETION OF DAILY WORK HOURS AND VERIFY ALL TOOLS AND EQUIPMENT WHEN THE VACATED CONSTRUCTION AREA IS COMPLETE AND APPROVED FOR OCCUPANCY.
- F. CONSTRUCTION WORK MUST OCCUR WITHIN THE FACILITY APPROVED DAILY WORKING HOURS (7:30 AM TO 4:30 PM). THE APPROVED DAILY WORKING HOURS WILL BE FURTHER DISCUSSED AND CLARIFIED AT THE PRECONSTRUCTION MEETING WITH THE OWNER'S REPRESENTATIVE. THE CONTRACTOR WILL BE ALLOWED TO LEAVE MATERIALS AND TOOLS WITHIN THE SPACES THAT ARE SECURED WITH CONSTRUCTION LOCKS DURING CONSTRUCTION AS APPROVED BY THE FACILITY.
- H. THE CONTRACTOR IS TO PROVIDE A SECURE TEMPORARY PARTITION PER INFECTION CONTROL/SECURITY REQUIREMENTS ALL CONSTRUCTION ACTIVITY IS CONSIDERED CLASS III, SEE SPEC SECTION 013513.19 FOR REQUIREMENTS
- J. AT LOCATIONS OF MEPT WORK, CONTRACTOR IS TO PROVIDE DEMOLITION AND PATCHING OF EXISTING ADJACENT MATERIALS WITHIN THE SCOPE OF WORK FOR REMOVAL AND INSTALLATION, INCLUDING, BUT NOT LIMITED TO FIXTURES, EQUIPMENT, DEVICES, EXHAUST FANS AND WALL AND CEILING GRILLES. PATCHING TO MATCH EXISTING ADJACENT MATERIALS.
- K. PROVIDE PICK-PROOF SECURITY CAULKING AROUND PERIMETER OF ALL INSTALLED DEVICES INCLUDING BUT NOT LIMITED TO: PLUMBING FIXTURES, MEP DEVICES, FURNITURE, ETC.
- L. SEE MEP DOCUMENTS FOR MEP SCOPE TO INCLUDE BUT NOT LIMITED TO THE REPLACEMENT OF WALL AND CEILING GRILLES, EXHAUST FANS, PLUMBING FIXTURES, AND FLOOR DRAINS TO MEET ANTI-LIGATURE RESISTANCE.
- M. EACH OF THE GUHLEMAN WINGS WILL BE VACATED DURING CONSTRUCTION ACTIVITIES, THE GUHLEMAN BUILDING WORK MUST FOR PHASED FOR THE RELOCATION OF PATIENTS DURING CONSTRUCTION ACTIVITIES. COORDINATE PHASING WITH THE FACILITY AND PROVIDE 1 WEEK NOTICE FOR THE MOVEMENT OF PATIENTS.

KEYED NOTES – PLANS:

- 1. INSTALL NEW CLOSER ON NON-PATIENT SIDE OF EXISTING DOOR AND FRAME, PATCH DOOR AND FRAME AS REQUIRED TO MATCH EXISTING AT NEW CLOSER LOCATION.
- 2. ALTERNATE #1 – REMOVE/REPLACE EXISTING FIRE HOSE CABINET WITH LIGATURE RESISTANT CABINET/DOOR, BASIS OF DESIGN: LARSON DHC 2634 SERIES OR APPROVED EQUAL
- 3. REWORK EXISTING ACOUSTICAL TILE CEILING AND SUPPORTS AS REQUIRED FOR NEW LIGHTING AND GRILLES, SEE ENLARGED PLAN 4/A-402. COORDINATE WITH NEW MECHANICAL GRILLE INSTALLATION AND LIGHTING, REPLACE/REINSTALL EXISTING DEVICES AS REQUIRED, SEE MEP DRAWINGS PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
- 4. REMOVE EXISTING DOOR AND FRAME, INFILL OPENING WITH NEW 8" BLOCK TO MATCH EXISTING, TOOTH IN NEW BLOCK AND PAINT, SEE ENLARGED PLAN 1/A-402.
- 5. REMOVE EXISTING WOOD RAZOR CABINET AND INSTALL NEW LIGATURE RESISTANT RAZOR CABINET BOTTOM AT +/- 3'-6" AFF, VERIFY MOUNTING HEIGHT WITH FACILITY PRIOR TO MOUNTING, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1B/A-501. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
- 6. REMOVE EXISTING METAL CABINET AND INSTALL NEW LIGATURE RESISTANT CABINET TIGHT WITHIN ADJACENT WALL CORNER, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1C/A-501. MOUNT BOTTOM +/- 3'-6" AFF, VERIFY WITH FACILITY PRIOR TO MOUNTING. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
- 7. ALTERNATE #2 – REMOVE EXISTING LOCKER SYSTEM AND INSTALL NEW LOCKER SYSTEM THAT MEETS LIGATURE RESISTANT STANDARDS, BASIS OF DESIGN: PEMCO, VANGUARD, 5-TIER BOX LOCKER SYSTEM (15 LOCKERS TOTAL), SOLID DOORS, RECESSED HANDLE SYSTEM WITH CONTINUOUS ANTI-LIGATURE HINGE AND SLOPED TOP AND SOLID BASE AT FLOOR. COLOR TO BE CHOSEN FROM MFR.'S STANDARD COLORS. ALL DETAILS TO BE PROVIDED DURING SUBMITTALS TO BE REVIEWED/APPROVED FOR LIGATURE RESISTANCE. PATCH EXISTING WALL CONSTRUCTION TO MATCH EXISTING, FEATHER PAINT INTO EXISTING AS REQUIRED. MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT.
- 8. REMOVE AND REPLACE EXISTING TOILET PARTITION TO MEET LIGATURE RESISTANT REQUIREMENTS, EXTEND TO CEILING ABOVE AND BRACE. MATCH EXISTING PARTITION SYSTEM.
- 9. REMOVE EXISTING SPLINE CEILING IN ITS ENTIRETY, INSTALL NEW GYP. BD, CEILING AND SUPPORTS, PAINT, COORDINATE WITH NEW MEP INSTALLATION AND REPLACE/REINSTALL THE EXISTING DEVICES AND LIGHTING AS REQUIRED, SEE MEP DRAWINGS AND ENLARGED PLAN 1/A-402. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.

STATE OF MISSOURI
MICHAEL L PARSON,
GOVERNOR



STATE OF MISSOURI
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DESIGN AND CONSTRUCTION

DEPARTMENT OF
MENTAL HEALTH

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: -
DATE: -
REVISION: -
DATE: -
REVISION: -
DATE: -
ISSUE DATE: 9-22-2024

CAD DWG FILE: A-FP-06
DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

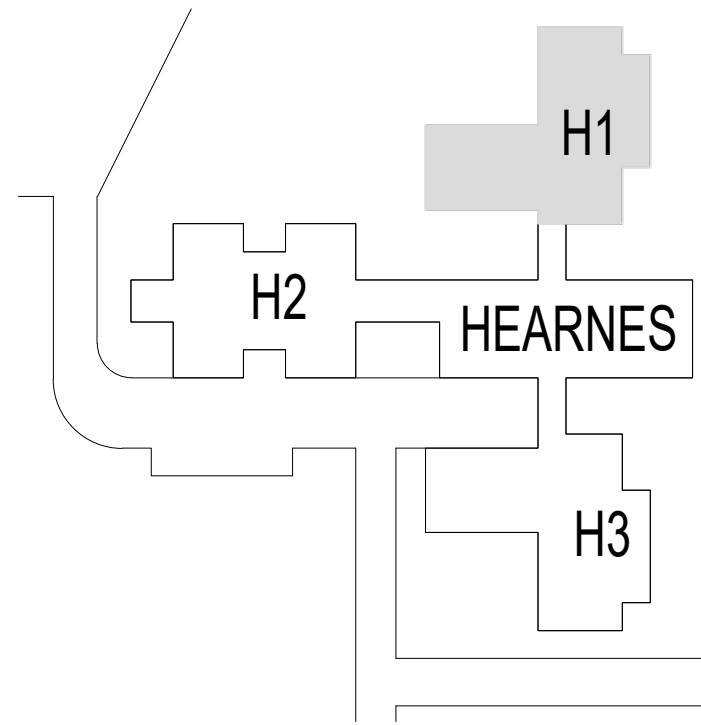
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GUHLEMAN BLDG.
EAST (SORTS)
FIRST FLR - G06/S06

SHEET NUMBER:

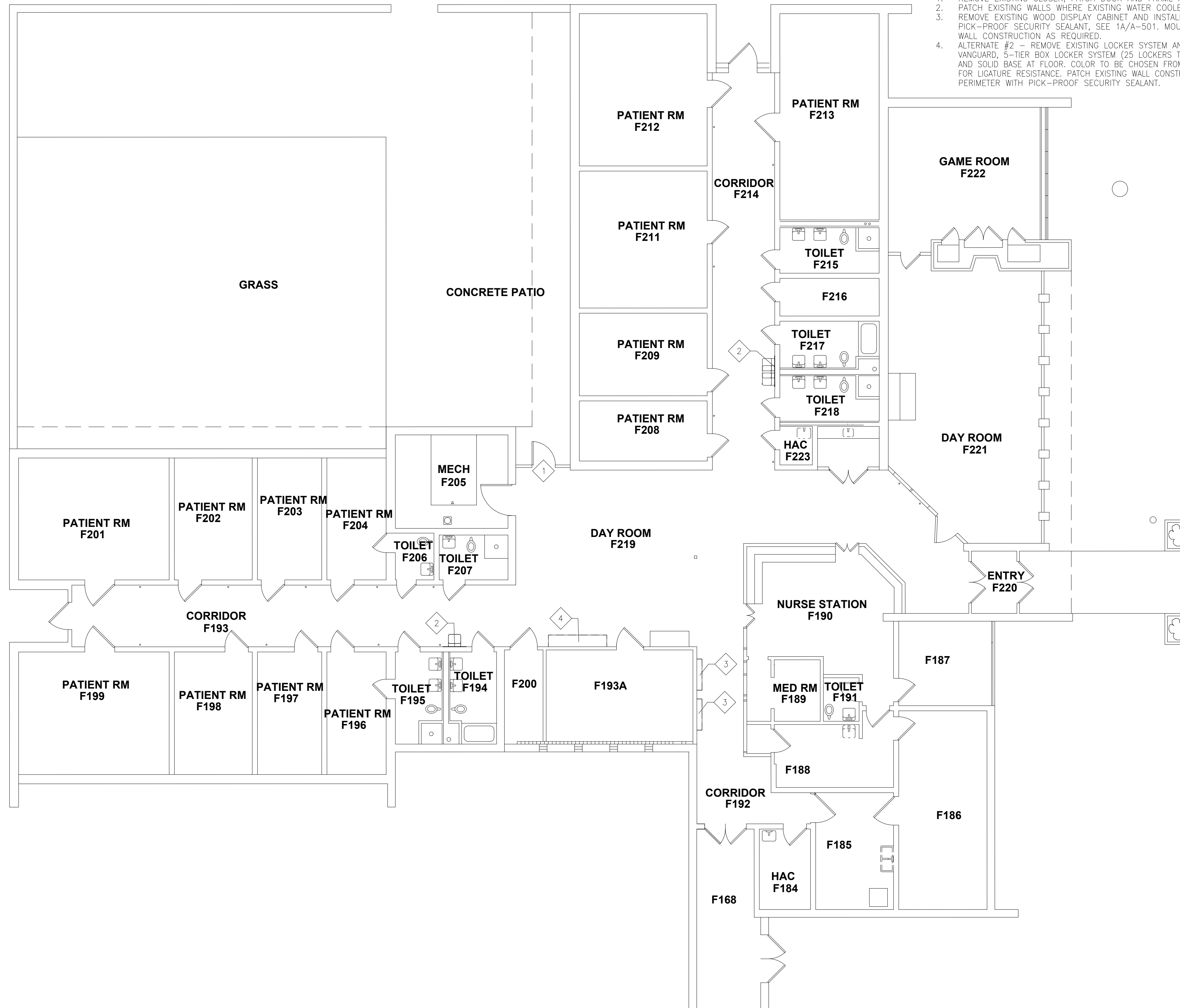
A-106

8 OF 66 SHEETS
SEPTEMBER 22, 2024





HEARNES BUILDING - KEY PLAN
NOT TO SCALE



GENERAL NOTES - PLANS:

- THE CONTRACTOR IS TO VISIT THE SITE DURING THE BIDDING PERIOD AND IS TO ADVISE THE ARCHITECT OF ANY SITUATION OR DISCREPANCY WHICH WILL NOT ALLOW SUCCESSFUL COMPLETION OF THE WORK. THE ARCHITECT'S DECISION WILL CLARIFY THE SCOPE OF WORK.
- INFORMATION IS TAKEN FROM OWNER PROVIDED DOCUMENTS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING ITEMS TO REMAIN DURING DEMOLITION AND NEW CONSTRUCTION.
- PATCH EXISTING TO MATCH ADJACENT MATERIALS WHERE DEMOLITION AND NEW CONSTRUCTION OCCUR.
- CONTRACTOR SHALL COUNT, LOG AND SECURE ALL TOOLS, EQUIPMENT AND MATERIALS WHEN ENTERING EACH VACATED CONSTRUCTION AREA. SECURE EACH VACATED CONSTRUCTION AREA AT THE COMPLETION OF DAILY WORK HOURS AND VERIFY ALL TOOLS AND EQUIPMENT WHEN THE VACATED CONSTRUCTION AREA IS COMPLETE AND APPROVED FOR OCCUPANCY.
- THE CONTRACTOR IS TO PROVIDE A SECURE TEMPORARY PARTITION PER INFECTION CONTROL/SECURITY REQUIREMENTS. ALL CONSTRUCTION ACTIVITY IS CONSIDERED CLASS III, SEE SPEC SECTION 013513.19 FOR REQUIREMENTS.
- AT LOCATIONS OF MEFF WORK, CONTRACTOR IS TO PROVIDE DEMOLITION AND PATCHING OF EXISTING ADJACENT MATERIALS WITHIN THE SCOPE OF WORK FOR REMOVAL AND INSTALLATION, INCLUDING, BUT NOT LIMITED TO: FIXTURES, EQUIPMENT, DEVICES, EXHAUST FANS AND WALL AND CEILING GRILLES. PATCHING TO MATCH EXISTING ADJACENT MATERIALS.
- PROVIDE PICK-PROOF SECURITY CAULKING AROUND PERIMETER OF ALL INSTALLED DEVICES INCLUDING BUT NOT LIMITED TO: PLUMBING FIXTURES, MEP DEVICES, FURNITURE, ETC.
- SEE MEP DOCUMENTS FOR MEP SCOPE TO INCLUDE BUT NOT LIMITED TO THE REPLACEMENT OF WALL AND CEILING GRILLES, EXHAUST FANS, PLUMBING FIXTURES, AND FLOOR DRAINS TO MEET ANTI-LIGATURE RESISTANCE.
- CONSTRUCTION IN THE HEARNES BUILDING WILL NEED TO BE PHASED AND COORDINATED WITH FACILITY STAFF AND MUST BE COMPLETED BETWEEN THE HOURS OF 9:00 AND 3:30. STAFF WILL REMOVE PATIENTS FROM THE AREA DURING THOSE HOURS ONLY AND PATIENTS WILL RETURN AT 3:30. TOOLS MUST BE COUNTED, LOGGED, SECURED AND REMOVED FROM THE HEARNES BUILDING UPON THE END OF EACH CONSTRUCTION DAY.

KEYED NOTES - PLANS:

- REMOVE EXISTING CLOSER, PATCH DOOR AND FRAME AS REQUIRED TO MATCH EXISTING, INSTALL NEW CLOSER ON NON-PATIENT SIDE OF DOOR.
- PATCH EXISTING WALLS WHERE EXISTING WATER COOLERS WERE REMOVED/REPLACED, PATCH/PAINT TO MATCH EXISTING.
- REMOVE EXISTING WOOD DISPLAY CABINET AND INSTALL NEW LIGATURE RESISTANT DISPLAY CABINET, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT, SEE 1A/A-501. MOUNT BOTTOM AT +/- 3'-6" AFF, VERIFY WITH FACILITY PRIOR TO MOUNTING. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
- ALTERNATE #2 - REMOVE EXISTING LOCKER SYSTEM AND INSTALL NEW LOCKER SYSTEM THAT MEETS LIGATURE RESISTANT STANDARDS, BASIS OF DESIGN: PEMCO VANGUARD, 5-TIER BOX LOCKER SYSTEM (25 LOCKERS TOTAL), SOLID DOORS, RECESSED HANDLE SYSTEM WITH CONTINUOUS ANTI-LIGATURE HINGE AND SLOPED TOP AND SOLID BASE AT FLOOR, COLOR TO BE CHOSEN FROM MFGR.'S STANDARD COLORS. ALL DETAILS TO BE PROVIDED DURING SUBMITTALS TO BE REVIEWED/APPROVED FOR LIGATURE RESISTANCE. PATCH EXISTING WALL CONSTRUCTION TO MATCH EXISTING, FEATHER PAINT INTO EXISTING AS REQUIRED, MAINTENANCE STAFF TO SEAL PERIMETER WITH PICK-PROOF SECURITY SEALANT.

STATE OF MISSOURI
MICHAEL L PARSON,
GOVERNOR



STATE OF MISSOURI
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MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MENTAL HEALTH

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352031

REVISION: -
DATE: -
REVISION: -
DATE: -
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DATE: -
ISSUE DATE: 9-22-2024

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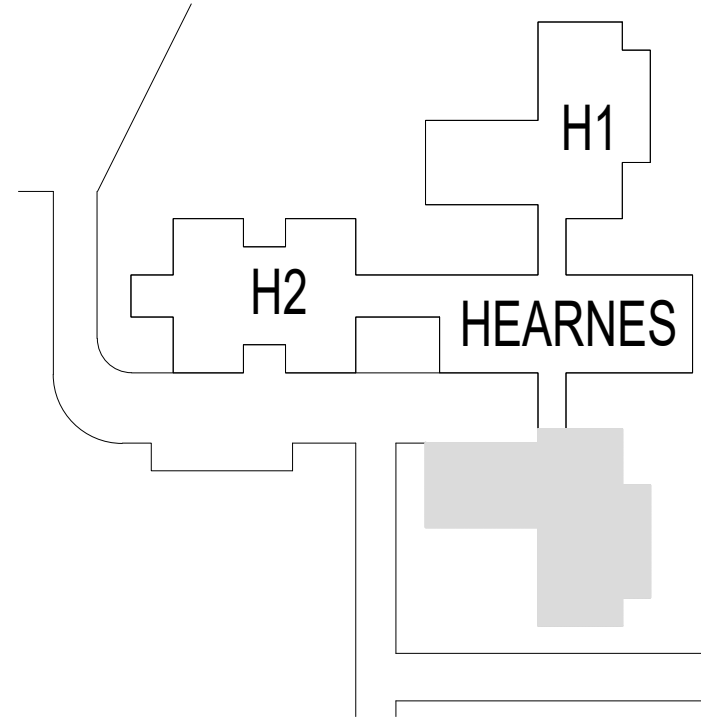
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HEARNES BLDG. - H01

SHEET NUMBER:

A-107

9 OF 66 SHEETS
SEPTEMBER 22, 2024





HEARNES BUILDING - KEY PLAN
NOT TO SCALE

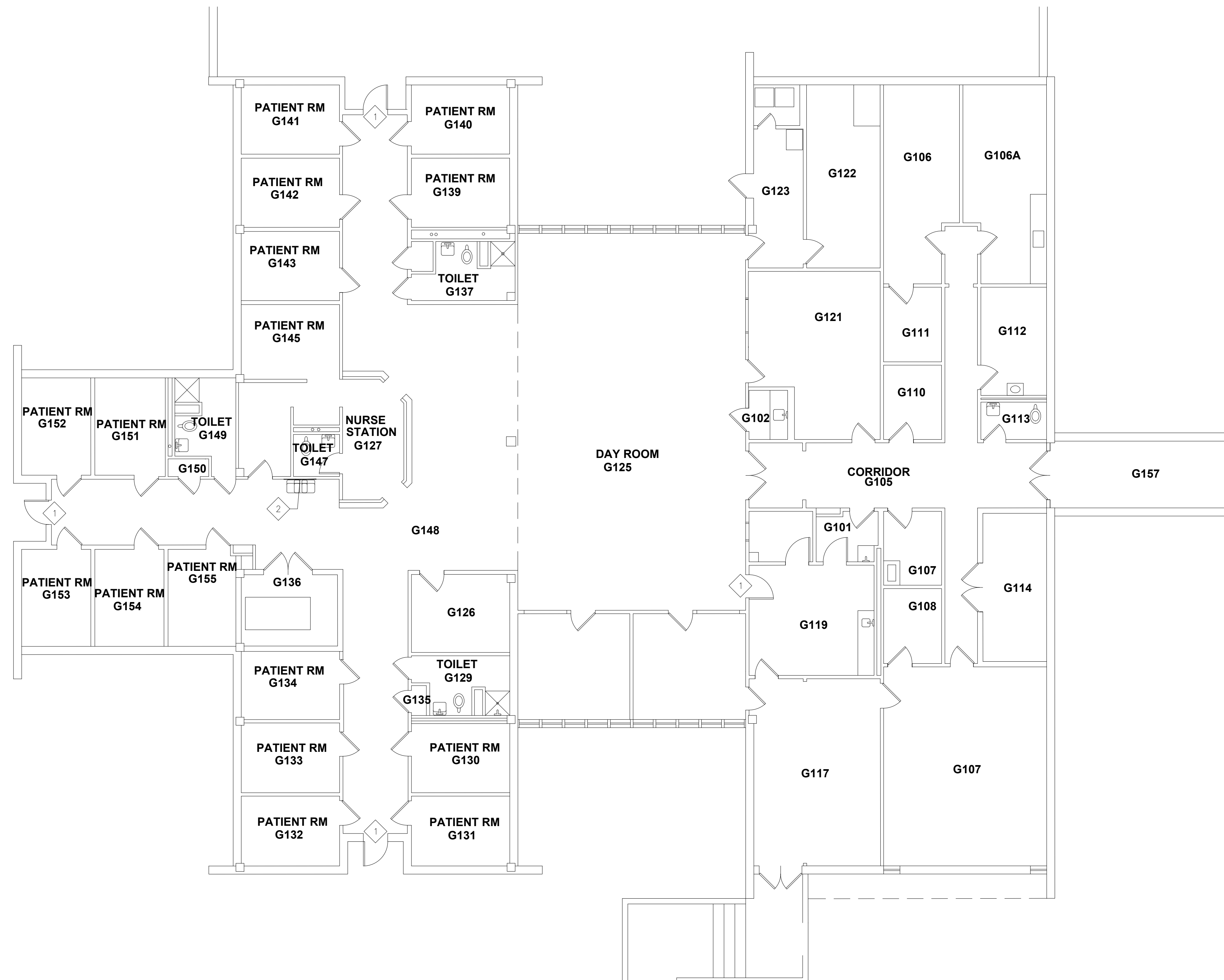


GENERAL NOTES - PLANS:

- A. THE CONTRACTOR IS TO VISIT THE SITE DURING THE BIDDING PERIOD AND IS TO ADVISE THE ARCHITECT OF ANY SITUATION OR DISCREPANCY WHICH WILL NOT ALLOW SUCCESSFUL COMPLETION OF THE WORK. THE ARCHITECT'S DECISION WILL CLARIFY THE SCOPE OF WORK.
- B. INFORMATION IS TAKEN FROM OWNER PROVIDED DOCUMENTS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK.
- C. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING ITEMS TO REMAIN DURING DEMOLITION AND NEW CONSTRUCTION.
- D. PATCH EXISTING TO MATCH ADJACENT MATERIALS WHERE DEMOLITION AND NEW CONSTRUCTION OCCUR.
- E. CONTRACTOR SHALL COUNT, LOG AND SECURE ALL TOOLS, EQUIPMENT AND MATERIALS WHEN ENTERING EACH VACATED CONSTRUCTION AREA. SECURE EACH VACATED CONSTRUCTION AREA AT THE COMPLETION OF DAILY WORK HOURS AND VERIFY ALL TOOLS AND EQUIPMENT WHEN THE VACATED CONSTRUCTION AREA IS COMPLETE AND APPROVED FOR OCCUPANCY.
- F. THE CONTRACTOR IS TO PROVIDE A SECURE TEMPORARY PARTITION PER INFECTION CONTROL/SECURITY REQUIREMENTS. ALL CONSTRUCTION ACTIVITY IS CONSIDERED CLASS III. SEE SPEC SECTION 013513.19 FOR REQUIREMENTS.
- G. AT LOCATIONS OF MEFF WORK, CONTRACTOR IS TO PROVIDE DEMOLITION AND PATCHING OF EXISTING ADJACENT MATERIALS WITHIN THE SCOPE OF WORK FOR REMOVAL AND INSTALLATION, INCLUDING, BUT NOT LIMITED TO FIXTURES, EQUIPMENT, DEVICES, EXHAUST FANS AND WALL AND CEILING GRILLES. PATCHING TO MATCH EXISTING ADJACENT MATERIALS.
- H. PROVIDE PICK-PROOF SECURITY CAULKING AROUND PERIMETER OF ALL INSTALLED DEVICES INCLUDING BUT NOT LIMITED TO: PLUMBING FIXTURES, MEP DEVICES, FURNITURE, ETC.
- J. SEE MEP DOCUMENTS FOR MEP SCOPE TO INCLUDE BUT NOT LIMITED TO THE REPLACEMENT OF WALL AND CEILING GRILLES, EXHAUST FANS, PLUMBING FIXTURES, AND FLOOR DRAINS TO MEET ANTI-LIGATURE RESISTANCE.
- K. CONSTRUCTION IN THE HEARNES BUILDING WILL NEED TO BE PHASED AND COORDINATED WITH FACILITY STAFF AND MUST BE COMPLETED WITHIN THE HOURS OF 9:00 AND 3:30. STAFF WILL REMOVE PATIENTS FROM THE AREA DURING THOSE HOURS ONLY AND PATIENTS WILL RETURN AT 3:30. TOOLS MUST BE COUNTED, LOGGED, SECURED AND REMOVED FROM THE HEARNES BUILDING UPON THE END OF EACH CONSTRUCTION DAY.

KEYED NOTES - PLANS:

1. REMOVE EXISTING CLOSER, PATCH DOOR AND FRAME AS REQUIRED TO MATCH EXISTING, INSTALL NEW CLOSER ON NON-PATIENT SIDE OF DOOR.
2. PATCH EXISTING WALLS WHERE EXISTING WATER COOLERS WERE REMOVED/REPLACED, PATCH/PAINT TO MATCH EXISTING.



1 HEARNES BUILDING - H02 FLOOR PLAN
A-108 1/8" = 1'-0"



STATE OF MISSOURI
MICHAEL L PARSON,
GOVERNOR



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MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MENTAL HEALTH

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352031

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ISSUE DATE: 9-22-2024

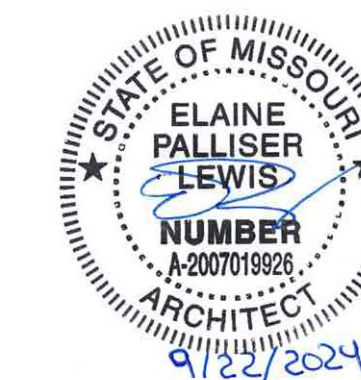
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DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

SHEET TITLE:
HEARNES BLDG. - H02

SHEET NUMBER:

A-108

10 OF 66 SHEETS
SEPTEMBER 22, 2024



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

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DEPARTMENT OF
MENTAL HEALTH

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352057

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ISSUE DATE: 9-22-2024

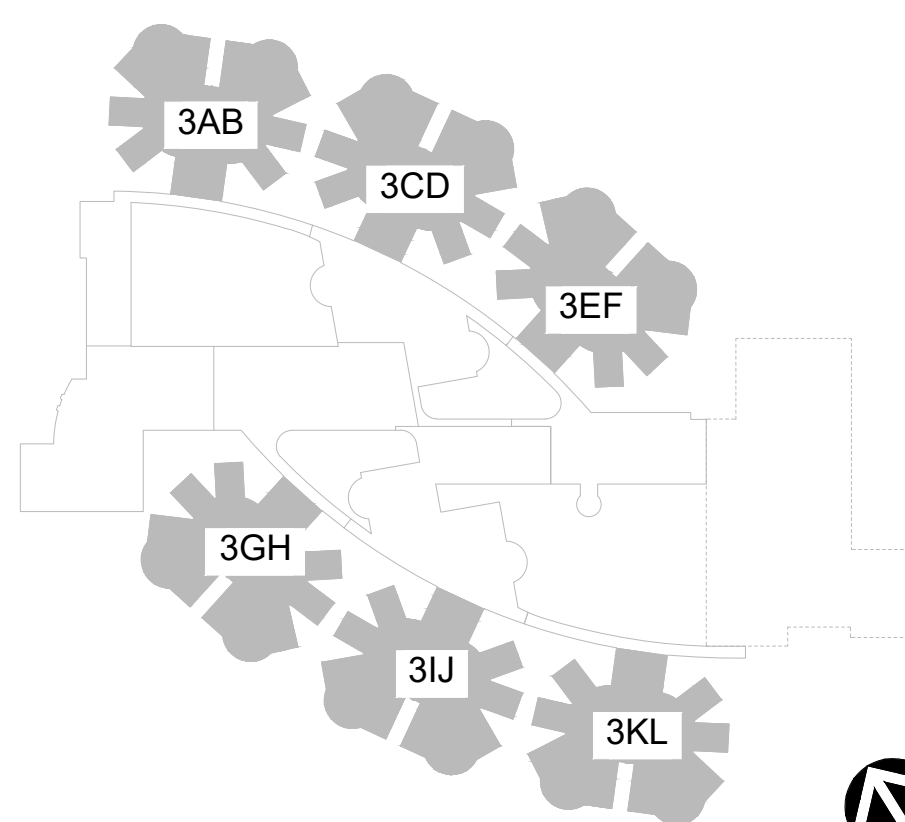
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SHEET TITLE:
NIXON BLDG - PODS

SHEET NUMBER:

A-109

11 OF 66 SHEETS
SEPTEMBER 22, 2024

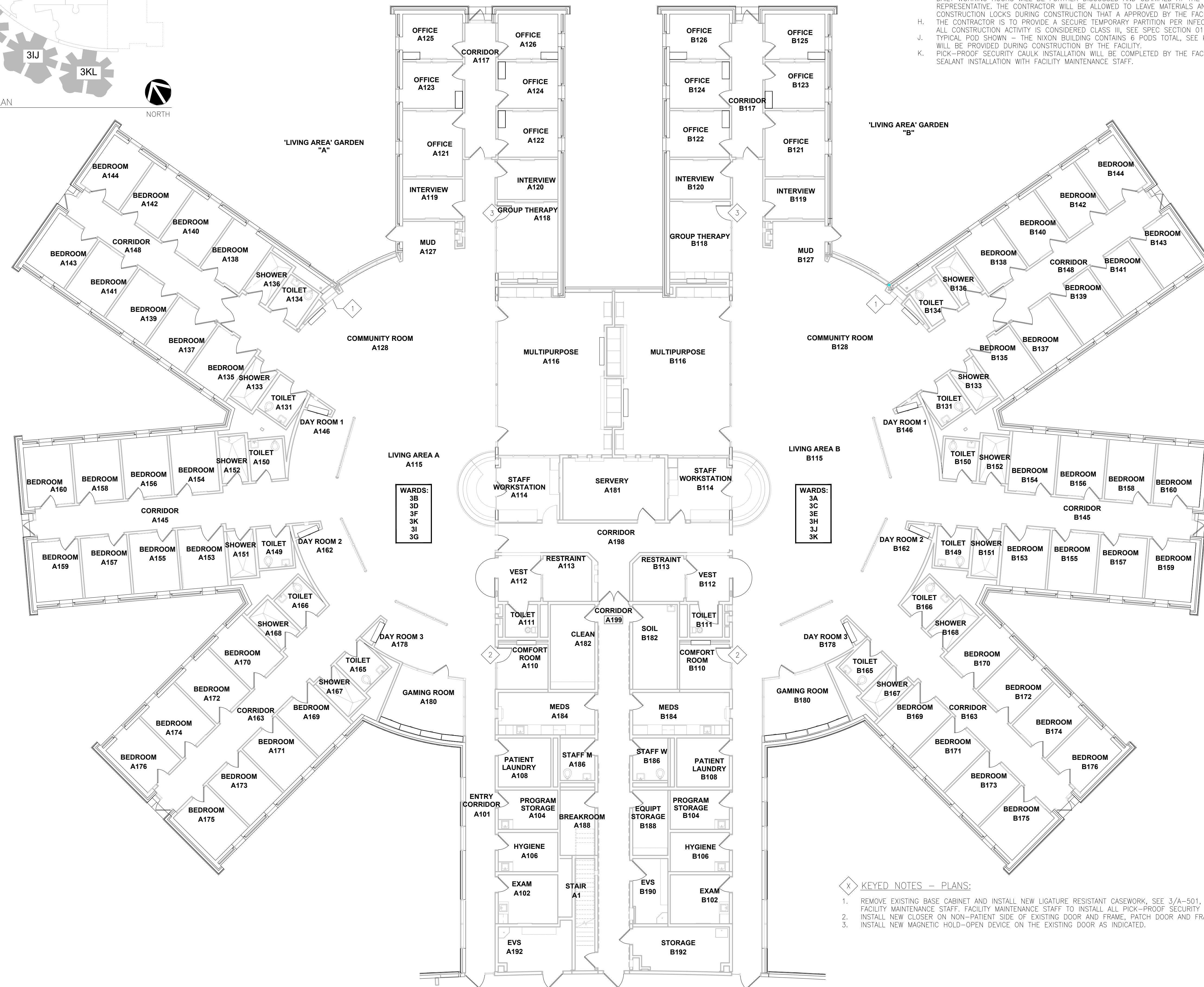


NIXON BUILDING - KEY PLAN
NOT TO SCALE



GENERAL NOTES - PLANS:

- A. THE CONTRACTOR IS TO VISIT THE SITE DURING THE BIDDING PERIOD AND IS TO ADVISE THE ARCHITECT OF ANY SITUATION OR DISCREPANCY WHICH WILL NOT ALLOW SUCCESSFUL COMPLETION OF THE WORK.
- B. THE ARCHITECT'S DECISION WILL CLARIFY THE SCOPE OF WORK.
- C. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING ITEMS TO REMAIN DURING DEMOLITION AND NEW CONSTRUCTION.
- D. PATCH EXISTING TO MATCH ADJACENT MATERIALS WHERE DEMOLITION AND NEW CONSTRUCTION OCCUR.
- E. CONTRACTOR SHALL COUNT, LOG AND SECURE ALL TOOLS, EQUIPMENT AND MATERIALS WHEN ENTERING AND EXITING EACH CONSTRUCTION AREA.
- F. SECURE THE CONSTRUCTION AREA AT THE COMPLETION OF DAILY WORK HOURS AND VERIFY ALL TOOLS AND EQUIPMENT WHEN LEAVING THE AREA.
- G. CONSTRUCTION WORK MUST OCCUR WITHIN THE FACILITY APPROVED DAILY WORKING HOURS (7:30 AM TO 4:30 PM). THE APPROVED DAILY WORKING HOURS WILL BE FURTHER DISCUSSED AND CLARIFIED AT THE PRECONSTRUCTION MEETING WITH THE OWNER'S REPRESENTATIVE. THE CONTRACTOR WILL BE ALLOWED TO LEAVE MATERIALS AND TOOLS WITHIN THE SPACES THAT ARE SECURED WITH CONSTRUCTION LOCKS DURING CONSTRUCTION THAT A APPROVED BY THE FACILITY STAFF.
- H. THE CONTRACTOR IS TO PROVIDE A SECURE TEMPORARY PARTITION PER INFECTION CONTROL/SECURITY REQUIREMENTS
- I. ALL CONSTRUCTION ACTIVITY IS CONSIDERED CLASS III. SEE SPEC SECTION 013513.19 FOR REQUIREMENTS
- J. TYPICAL POD SHOWN - THE NIXON BUILDING CONTAINS 6 PODS TOTAL. SEE KEY MAP. COORDINATE POD ACCESS WITH FACILITY STAFF. AN ESCORT WILL BE PROVIDED DURING CONSTRUCTION BY THE FACILITY.
- K. PICK-PROOF SECURITY CAULK INSTALLATION WILL BE COMPLETED BY THE FACILITY. CONTRACTOR TO COORDINATE CASEWORK INSTALLATION AND SEALANT INSTALLATION WITH FACILITY MAINTENANCE STAFF.



WARDS:
3B
3D
3F
3K
3I
3G

WARDS:
3A
3C
3E
3H
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3K

KEYED NOTES - PLANS:




1. REMOVE EXISTING BASE CABINET AND INSTALL NEW LIGATURE RESISTANT CASEWORK, SEE 3/A-501, COORDINATE PICK-PROOF SECURITY CAULK INSTALLATION WITH FACILITY MAINTENANCE STAFF. FACILITY MAINTENANCE STAFF TO INSTALL ALL PICK-PROOF SECURITY SEALANT. PATCH/PAINT EXISTING WALL CONSTRUCTION AS REQUIRED.
2. INSTALL NEW CLOSER ON NON-PATIENT SIDE OF EXISTING DOOR AND FRAME, PATCH DOOR AND FRAME AS REQUIRED TO MATCH EXISTING AT NEW CLOSER LOCATION.
3. INSTALL NEW MAGNETIC HOLD-OPEN DEVICE ON THE EXISTING DOOR AS INDICATED.



GENERAL NOTES – REFLECTED CEILING PLAN

- A. COR/AE CONSULTANT TO APPROVE CEILING GRID INSTALLATION PRIOR TO CEILING PAD INSTALLATION.
- B. SEE 1/A-601 FOR ACOUSTICAL TILE CEILING BRACING DETAILS.
- C. COORDINATE CEILING GRID INSTALLATION WITH EXISTING CONDITIONS AND MEP, SEE MEP DRAWINGS FOR NEW DEVICE LOCATIONS AND REINSTALLATION OF EXISTING DEVICES.
- D. WHERE EXISTING DEVICES ARE TO BE REMOVED AND REINSTALLED IN NEW CEILING, FIELD VERIFY DEVICE LOCATIONS PRIOR TO REMOVAL, SEE MEP FOR NEW DEVICE LOCATIONS.
- E. NEW CEILINGS ARE TO BE LOCATED AT EXISTING CEILING HEIGHT UNLESS NOTED OTHERWISE.

GENERAL SYMBOLS – REFLECTED CEILING PLAN

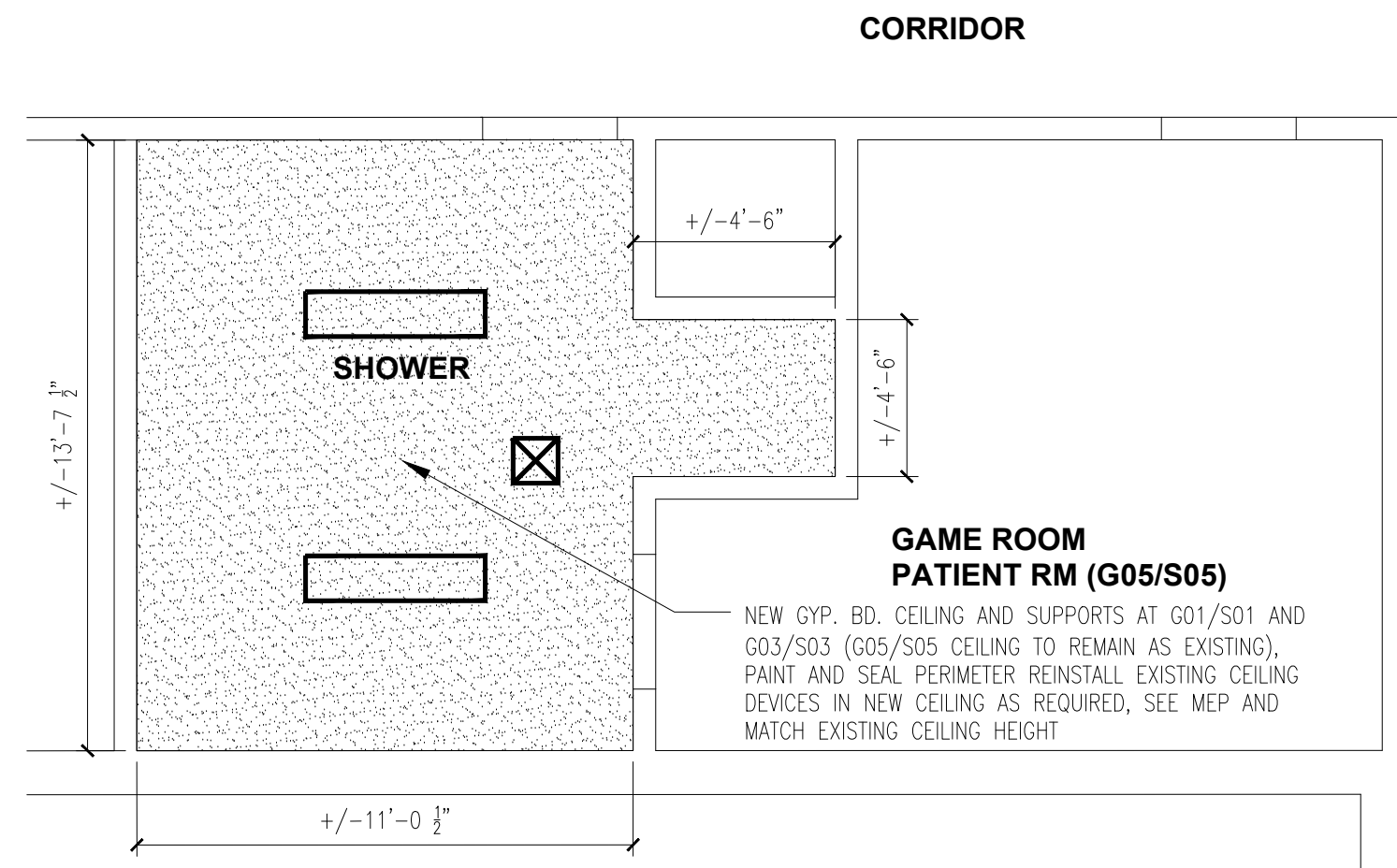
-  LIGHT FIXTURES, SEE ELECTRICAL DRAWINGS
-  MECHANICAL DIFFUSER, SEE MECHANICAL DRAWINGS
-  EXHAUST FAN, SEE MECHANICAL DRAWINGS

GENERAL NOTES

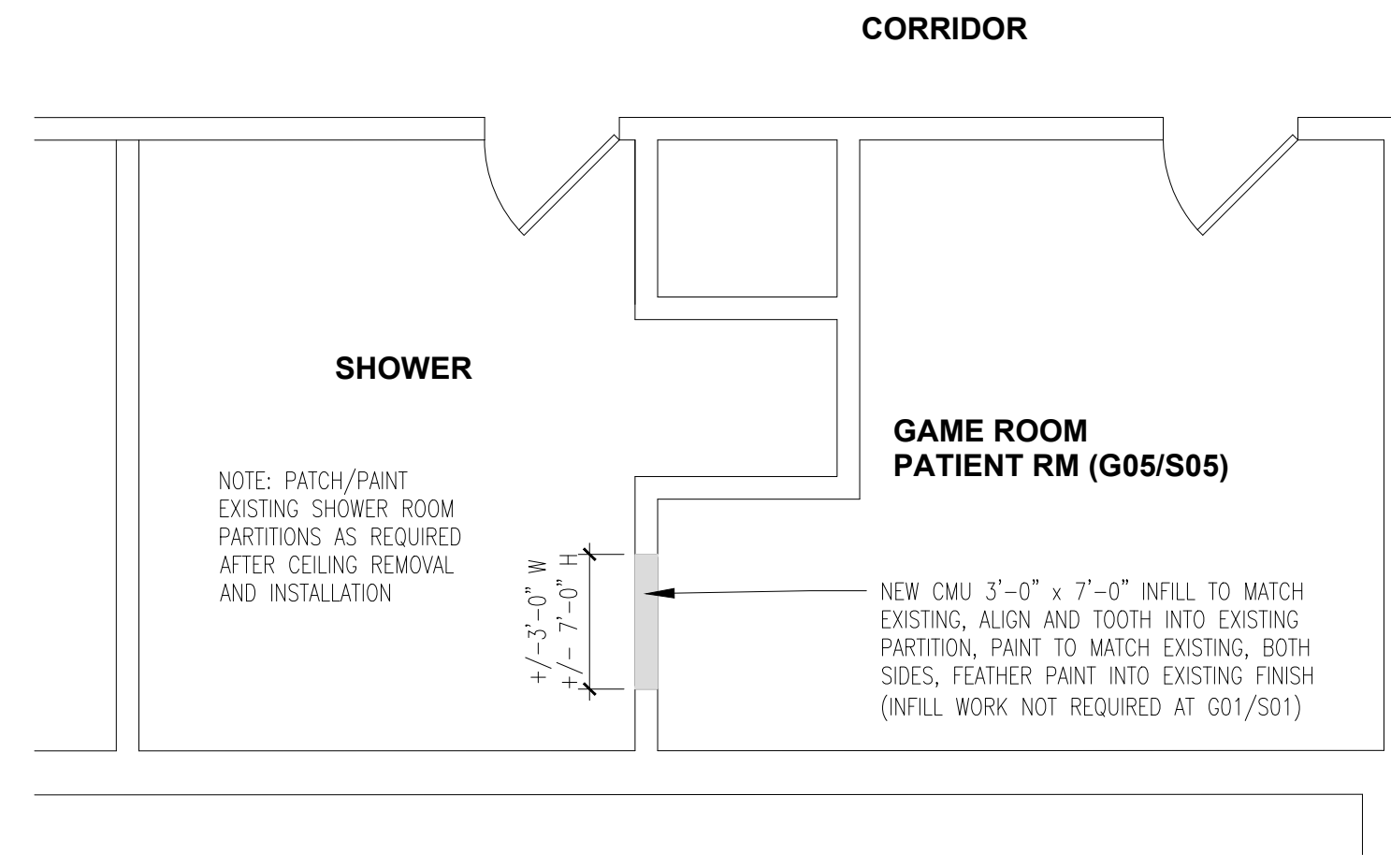
- A. THE CONTRACTOR IS TO VISIT THE SITE DURING THE BIDDING PERIOD AND IS TO ADVISE THE ARCHITECT OF ANY SITUATION OR DISCREPANCY WHICH WILL NOT ALLOW SUCCESSFUL COMPLETION OF THE WORK. THE ARCHITECT'S DECISION WILL CLARIFY THE SCOPE OF WORK.
- B. INFORMATION IS TAKEN FROM OWNER PROVIDED DOCUMENTS AND FIELD VISITS. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK.
- C. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING ITEMS TO REMAIN DURING DEMOLITION AND NEW CONSTRUCTION.
- D. PATCH EXISTING TO MATCH ADJACENT MATERIALS WHERE DEMOLITION AND NEW CONSTRUCTION OCCUR.
- E. FACILITY BUILDINGS ARE TO REMAIN OCCUPIED AND FUNCTIONAL DURING DEMOLITION AND CONSTRUCTION, CONTRACTOR TO PROVIDE SAFETY BARRIERS AS REQUIRED TO SEPARATE CONSTRUCTION AREAS FROM THE BUILDING OCCUPANTS DURING DEMOLITION AND CONSTRUCTION.
- F. DIMENSIONS SHOWN ON EXISTING PARTITIONS ARE +/-, CONTRACTOR TO FIELD VERIFY.
- G. SEE SHEET A-501 FOR PARTITION TYPE DETAILS.
- H. SEE SHEET A-601 FOR DOOR SCHEDULE AND DETAILS.

GENERAL NOTES – DEMOLITION

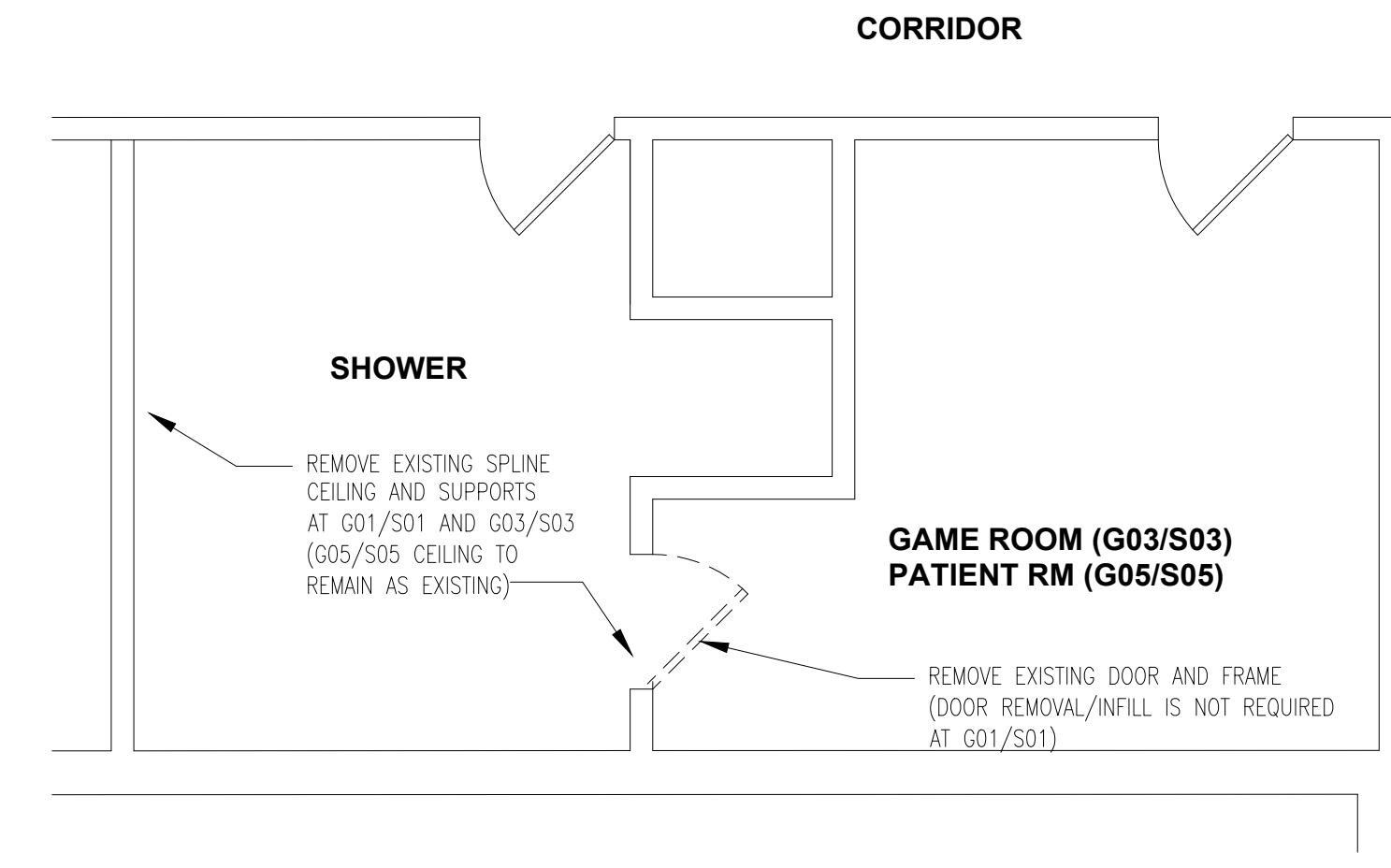
- A. CONTRACTOR IS TO PROTECT ITEMS TO REMAIN DURING DEMOLITION.
- B. FIELD VERIFY EXISTING CEILING DEVICES TO BE REMOVED AND REINSTALLED PRIOR TO DEMOLITION. PROTECT ITEMS TO REMAIN AS EXISTING.
- C. NEW CEILINGS ARE TO BE LOCATED AT EXISTING CEILING HEIGHT UNLESS NOTED OTHERWISE, FIELD VERIFY EXISTING CEILING HEIGHT PRIOR TO REMOVAL OF CEILING.



REFLECTED CEILING PLAN – G01/S01 AND G03/S03 ONLY (G05/S05 TO REMAIN AS EXISTING)

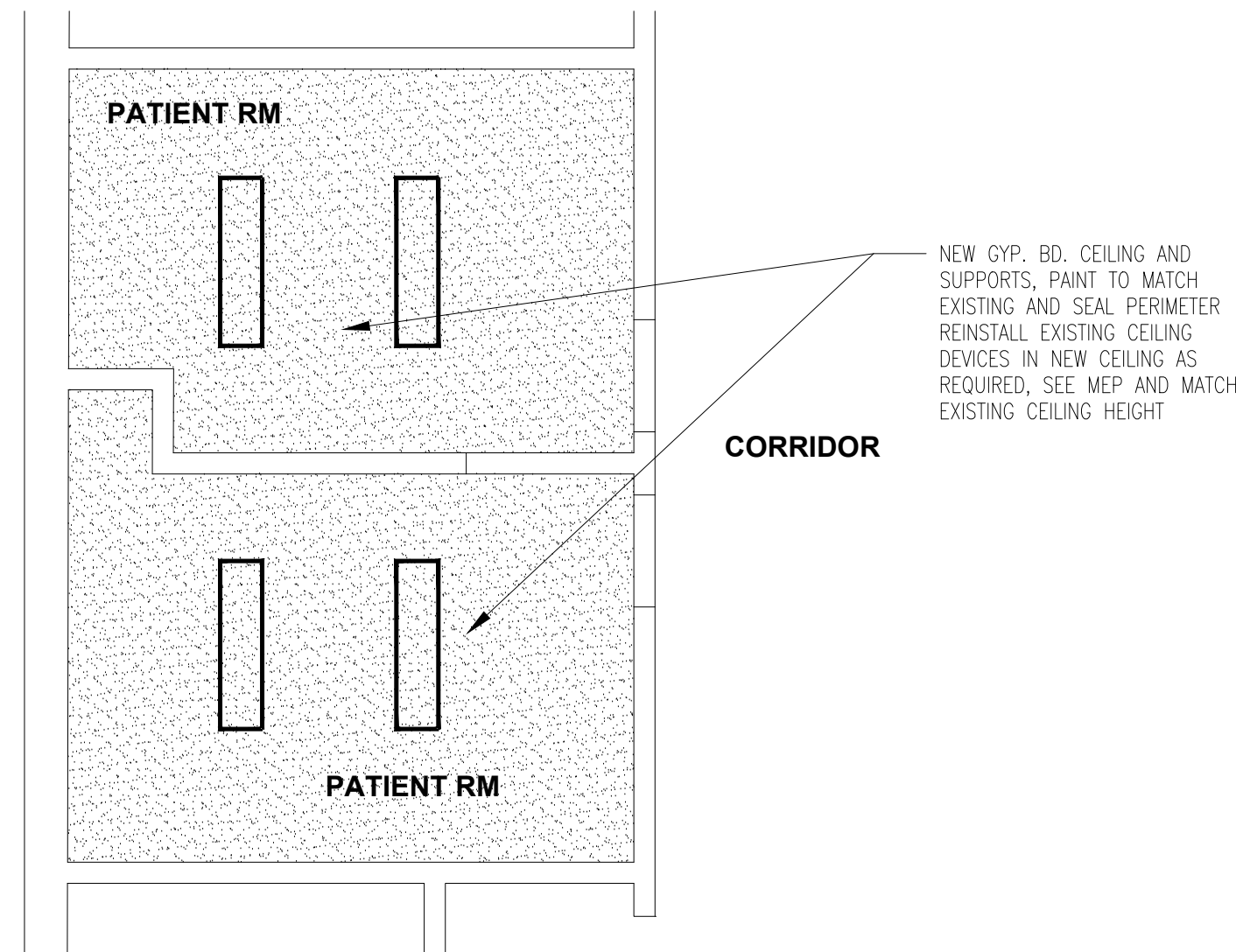


FLOOR PLAN

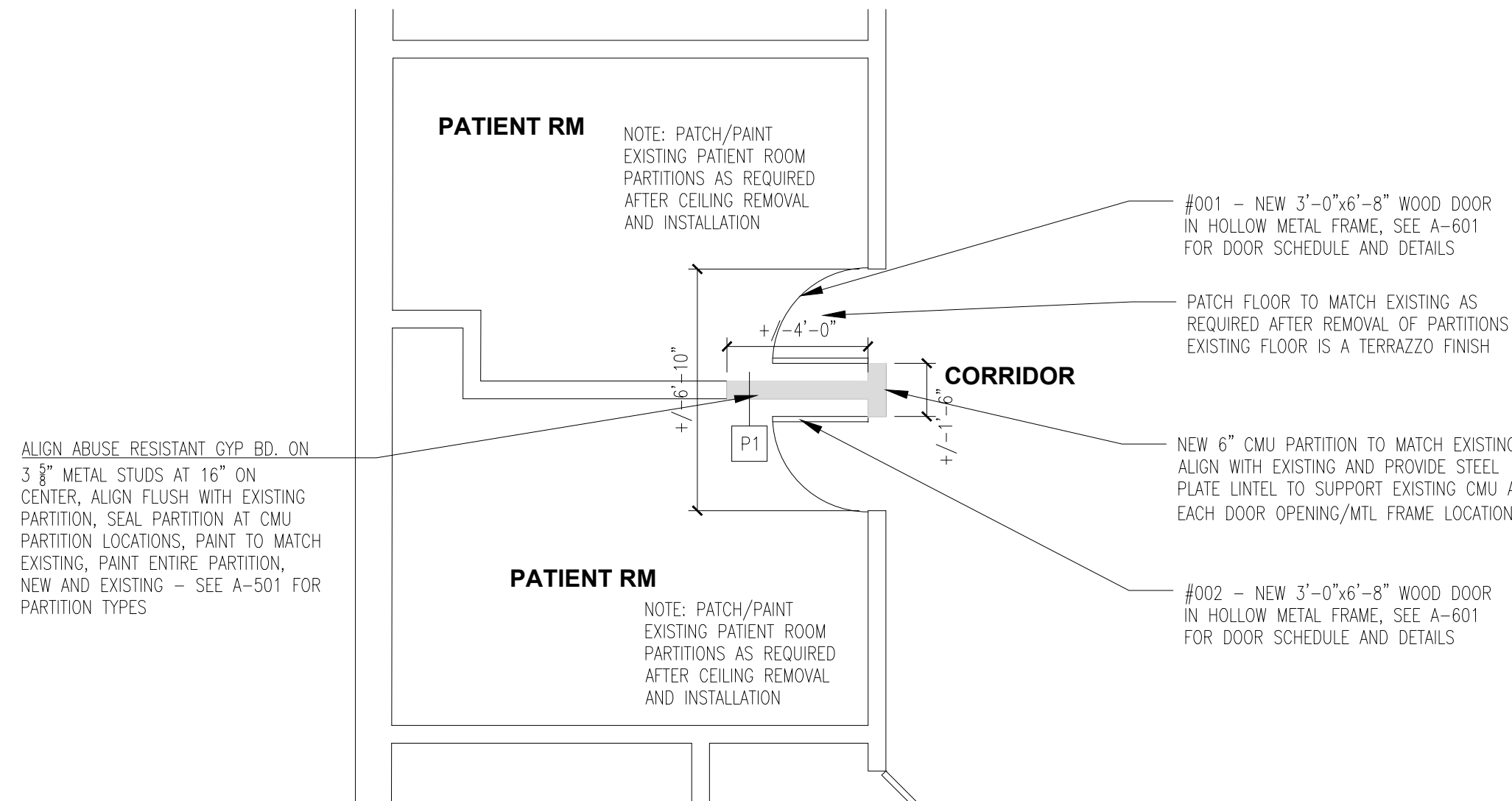


DEMOLITION PLAN

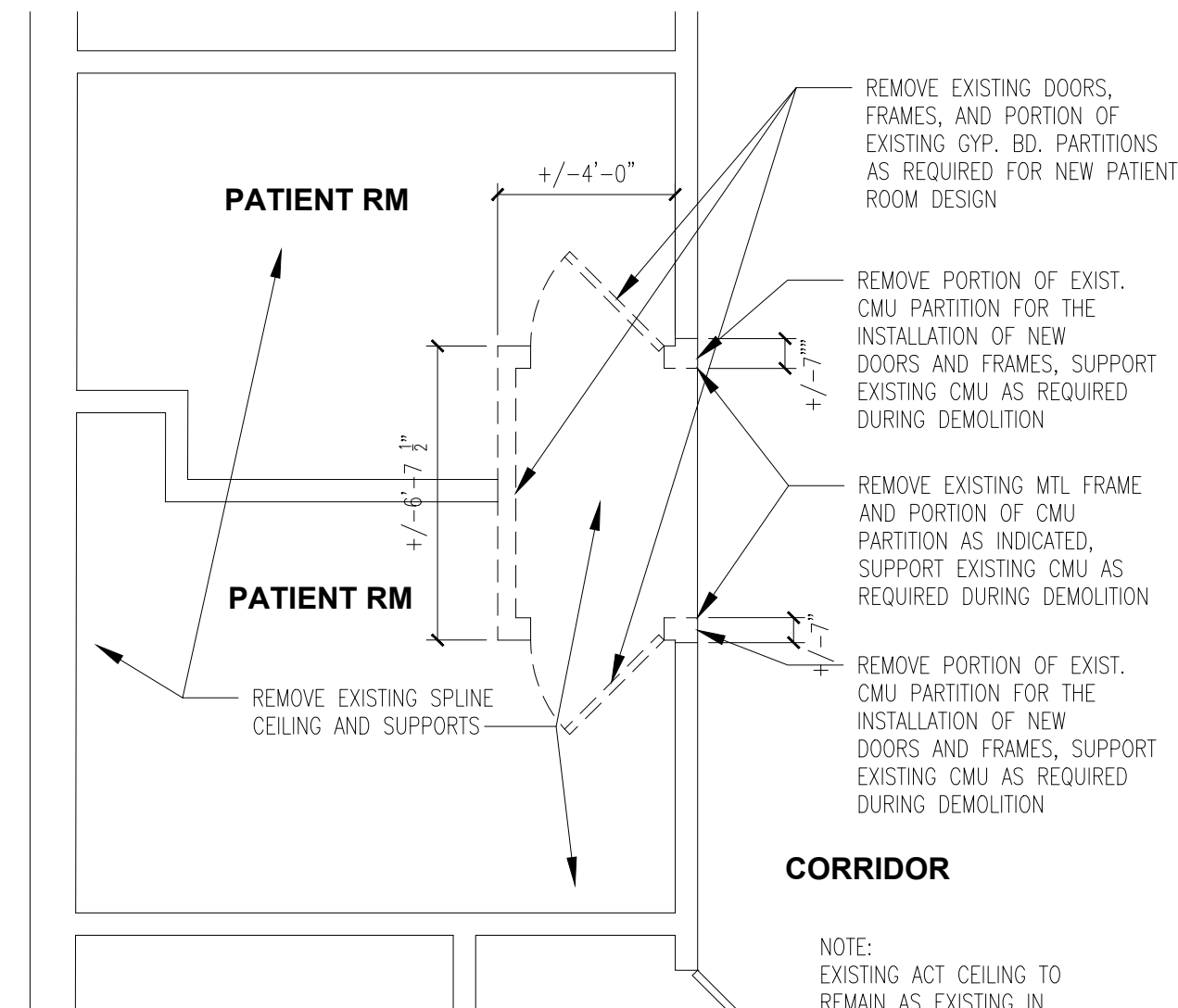
3 A-401 GUHLEMAN WEST/EAST (SORTS) – SECOND FLOOR ENLARGED PLANS – G03/S03, FIRST FLOOR ENLARGED PLANS – G01/S01 AND G05/S05
1/4" = 1'-0"



REFLECTED CEILING PLAN

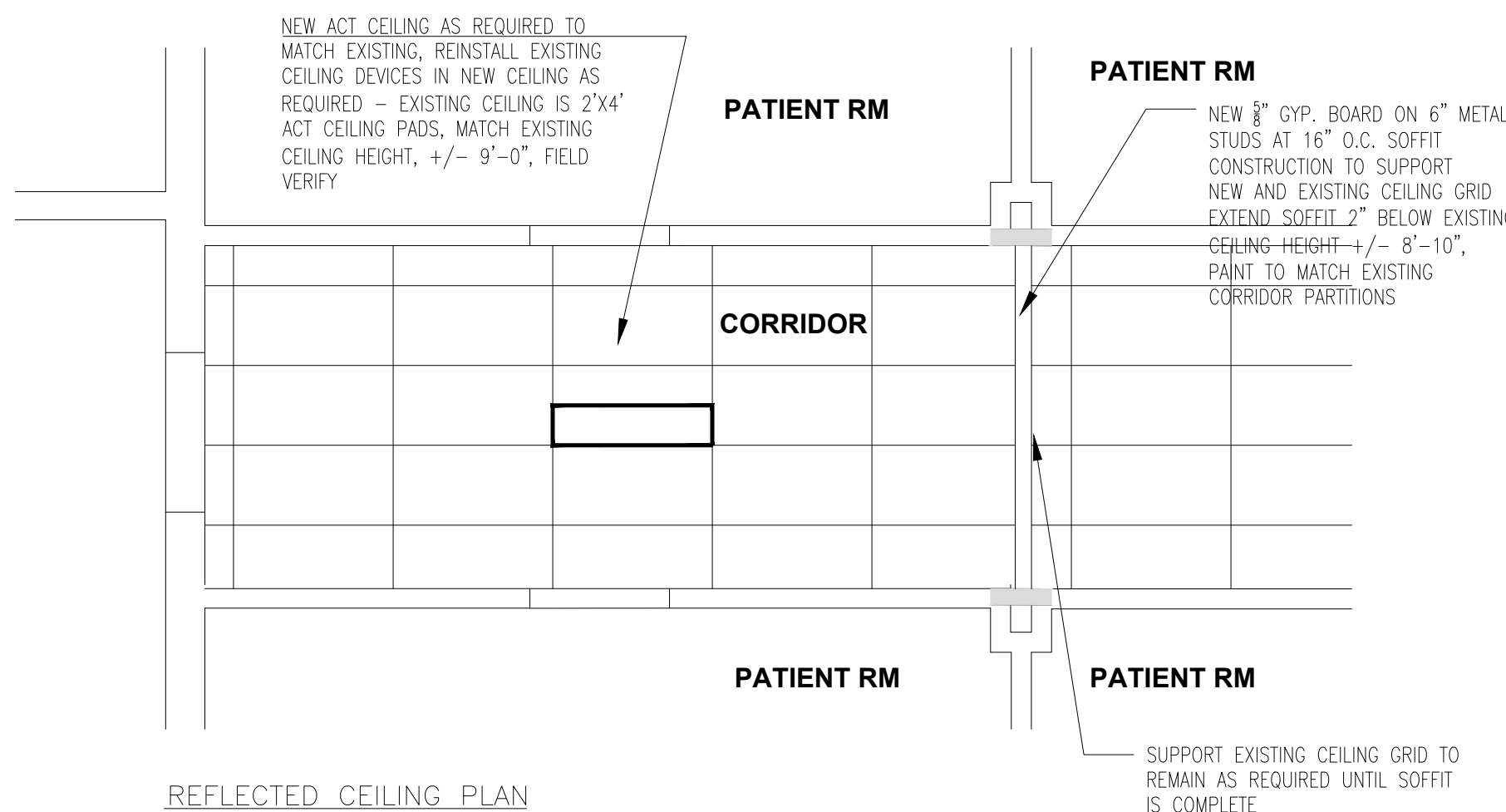


FLOOR PLAN

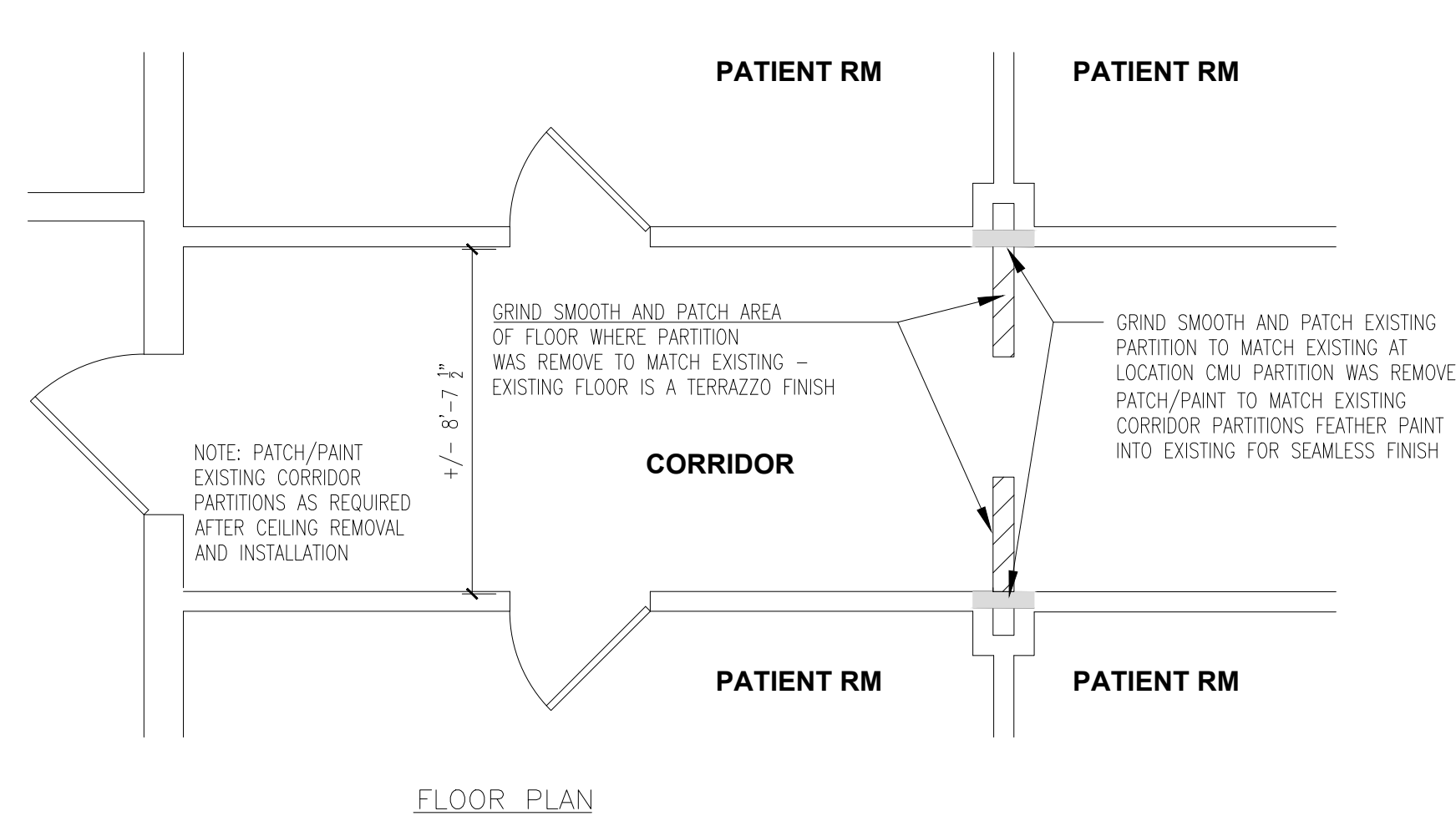


DEMOLITION PLAN

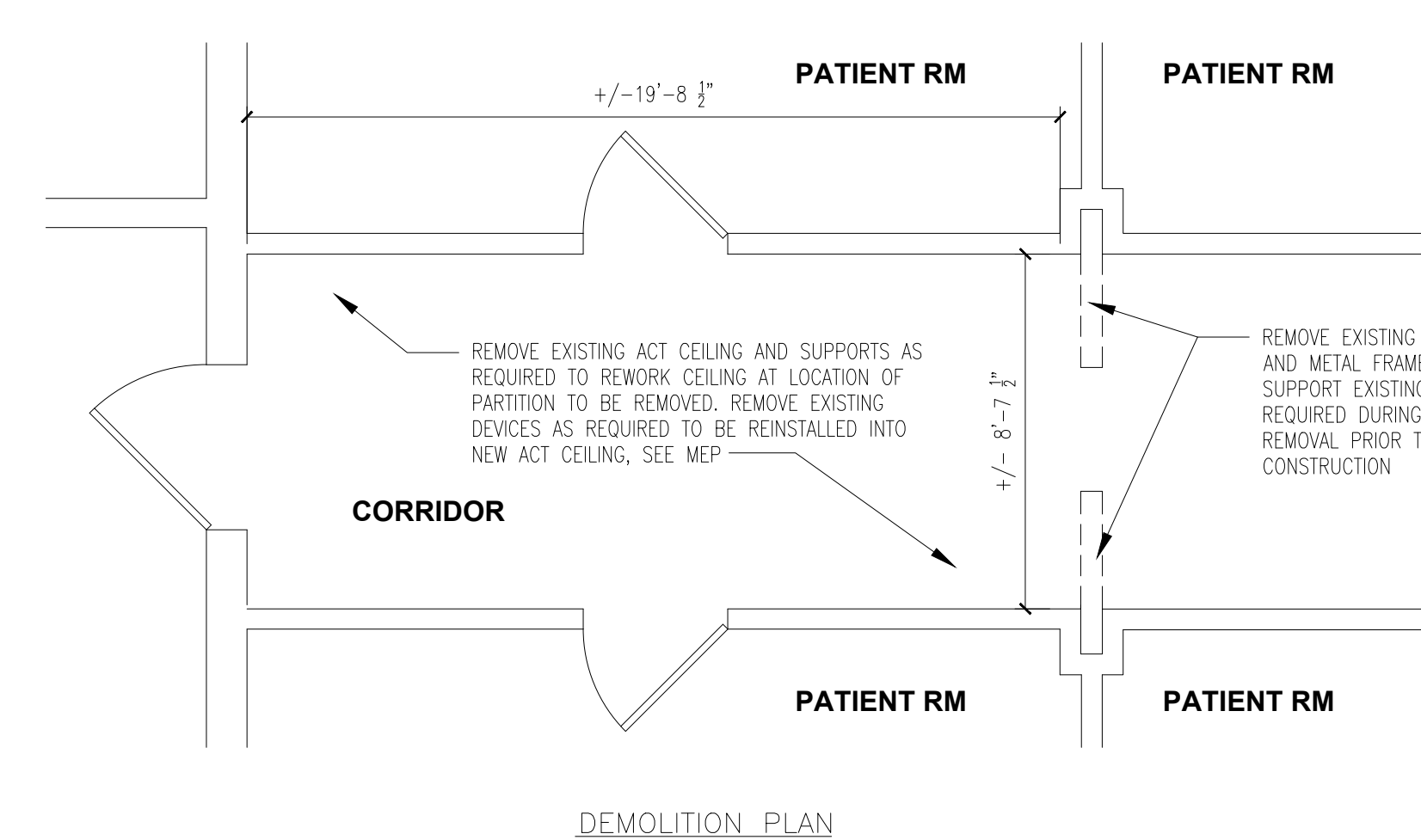
2 A-401 GUHLEMAN EAST (SORTS) – FIRST FLOOR ENLARGED PLANS – G05/S05
1/4" = 1'-0"



REFLECTED CEILING PLAN

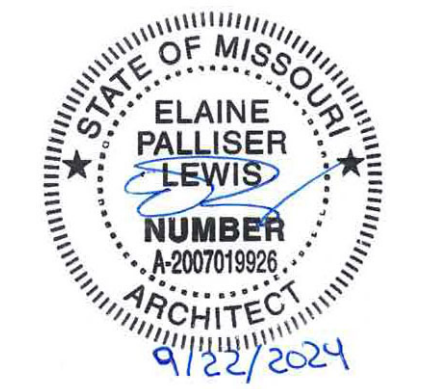


FLOOR PLAN



DEMOLITION PLAN

1 A-401 GUHLEMAN WEST (SORTS) – SECOND FLOOR ENLARGED PLANS – G03/S03, G04/S04
1/4" = 1'-0"



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CERTIFICATE OF AUTHORITY #2018019473

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DESIGN AND CONSTRUCTION

DEPARTMENT OF
MENTAL HEALTH

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: -
DATE: -
REVISION: -
DATE: -
REVISION: -
DATE: -
ISSUE DATE: 9-22-2024

CAD DWG FILE: A-EL-01
DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

SHEET TITLE:
ENLARGED PLANS

SHEET NUMBER:




A-401

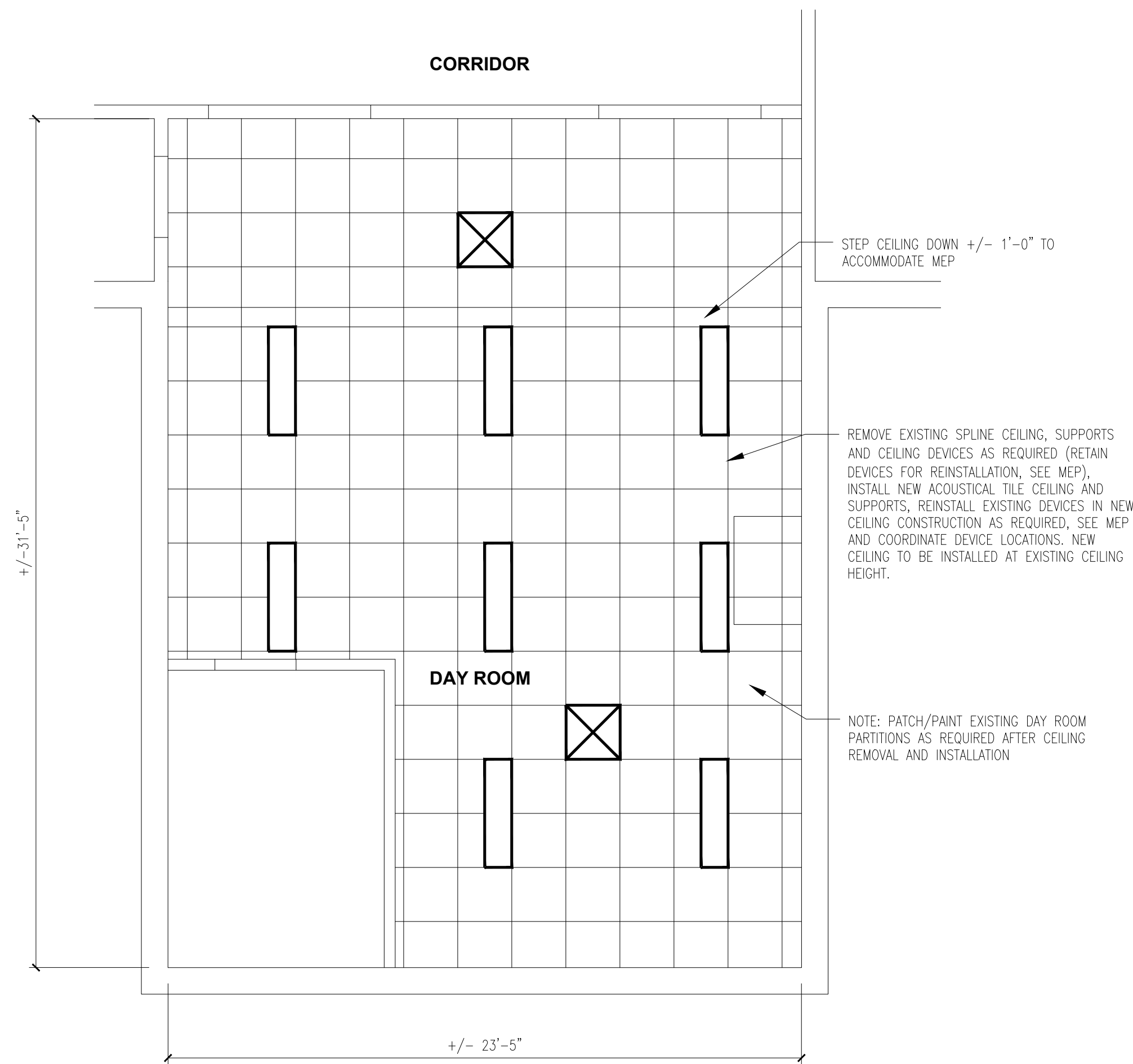
12 OF 66 SHEETS
SEPTEMBER 22, 2024

GENERAL NOTES – REFLECTED CEILING PLAN

- A. COR/AE CONSULTANT TO APPROVE CEILING GRID INSTALLATION PRIOR TO CEILING PAD INSTALLATION.
- B. SEE 1/A-601 FOR ACOUSTICAL TILE CEILING BRACING DETAILS.
- C. COORDINATE CEILING GRID INSTALLATION WITH EXISTING CONDITIONS AND MEP, SEE MEP DRAWINGS FOR NEW DEVICE LOCATIONS AND REINSTALLATION OF EXISTING DEVICES.
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- E. NEW CEILINGS ARE TO BE LOCATED AT EXISTING CEILING HEIGHT UNLESS NOTED OTHERWISE

GENERAL SYMBOLS – REFLECTED CEILING PLAN

-  LIGHT FIXTURES, SEE ELECTRICAL DRAWINGS
-  MECHANICAL DIFFUSER, SEE MECHANICAL DRAWINGS
-  EXHAUST FAN, SEE MECHANICAL DRAWINGS



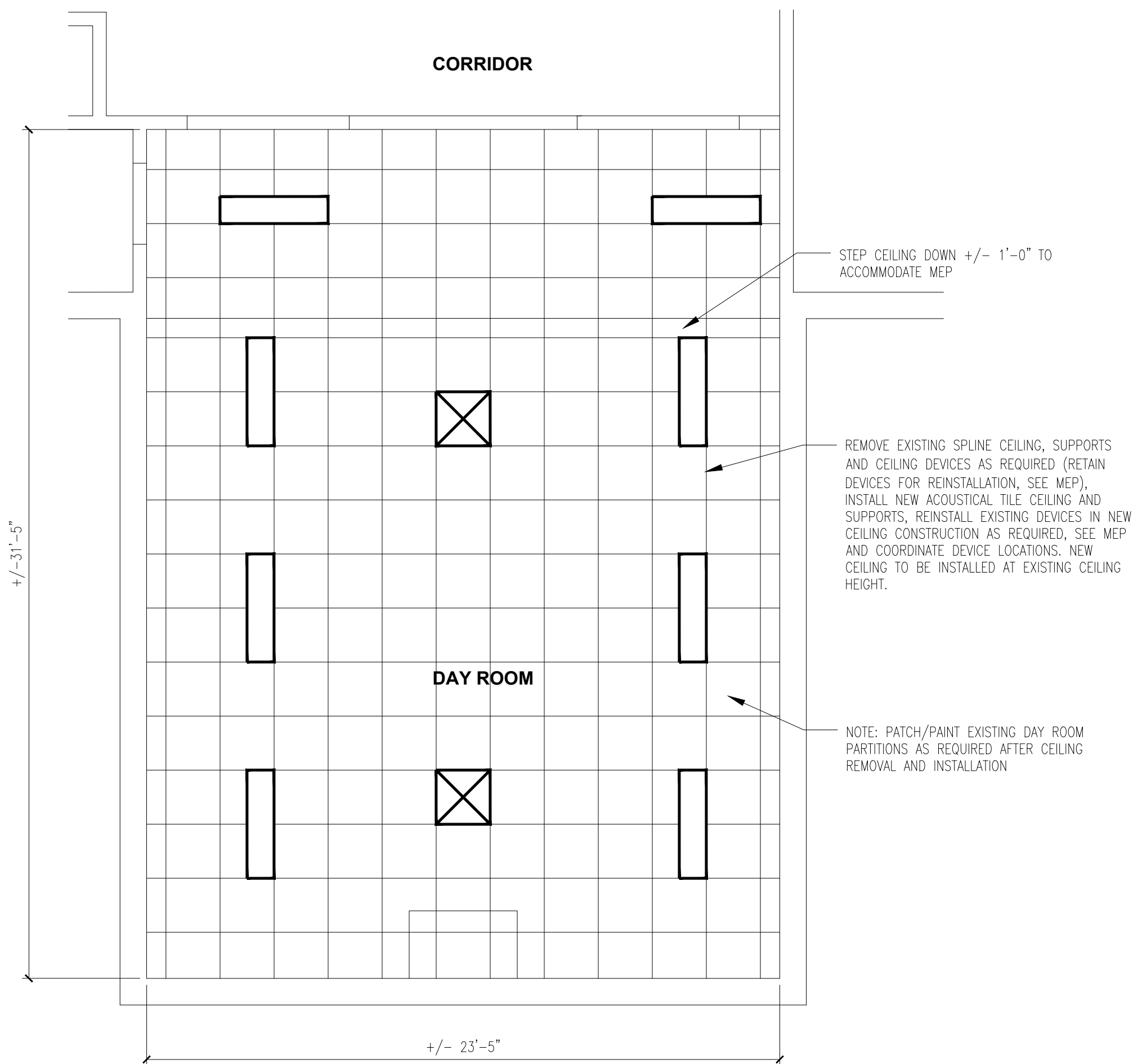
REFLECTED CEILING PLAN

4 DAY ROOM REFLECTED CEILING PLAN – G06/S06
A-402 1/4" = 1'-0"



GENERAL NOTES

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- F. SEE SHEET A-601 FOR DOOR SCHEDULED AND DETAILS.



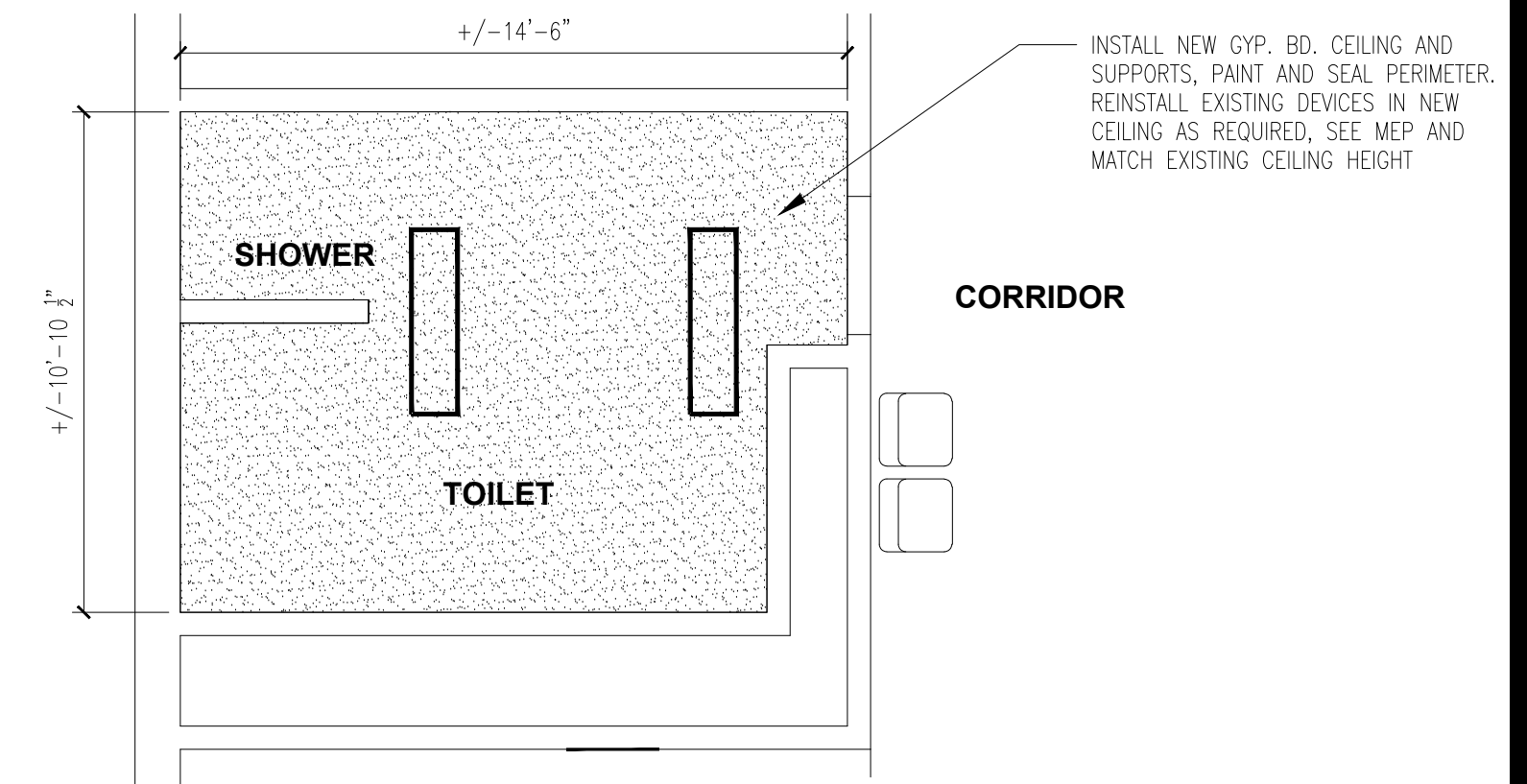
REFLECTED CEILING PLAN

3 DAY ROOM REFLECTED CEILING PLAN – G01/S01, G02/S02, G03/S03, G04/S04, G05/S05
A-402 1/4" = 1'-0"

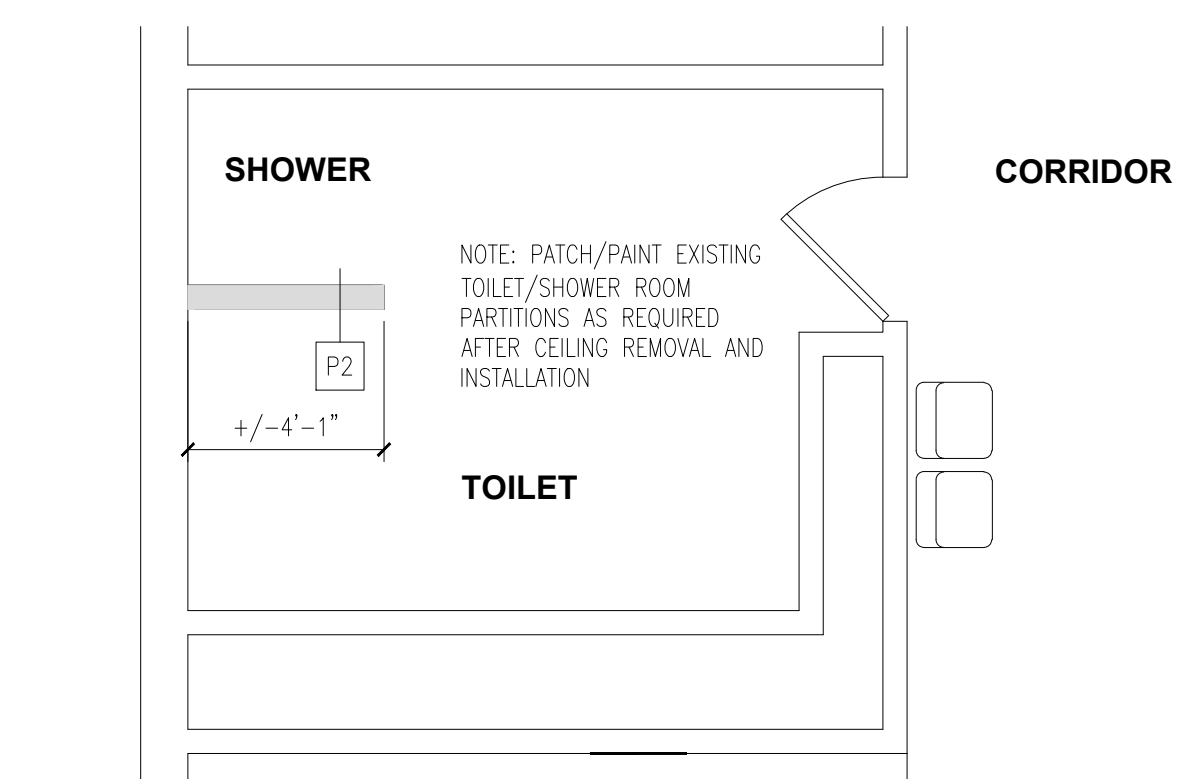


GENERAL NOTES – DEMOLITION

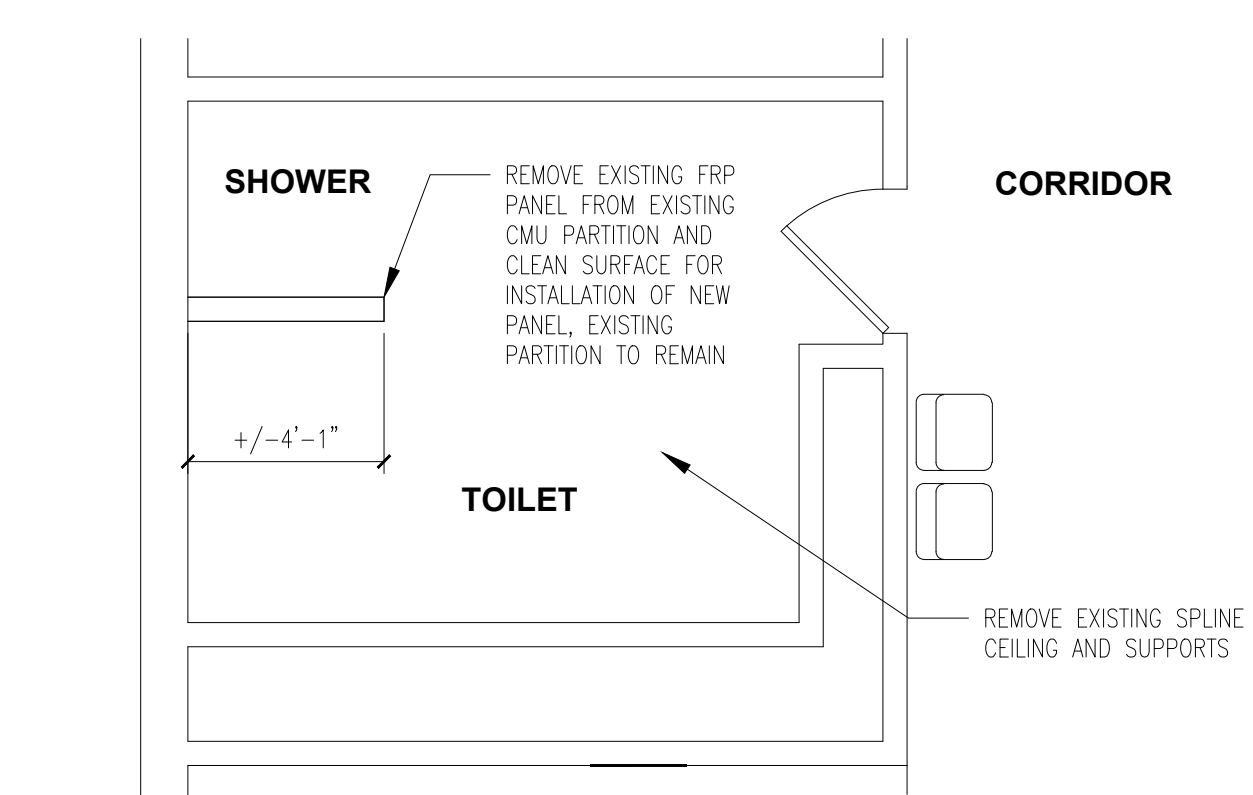
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REFLECTED CEILING PLAN

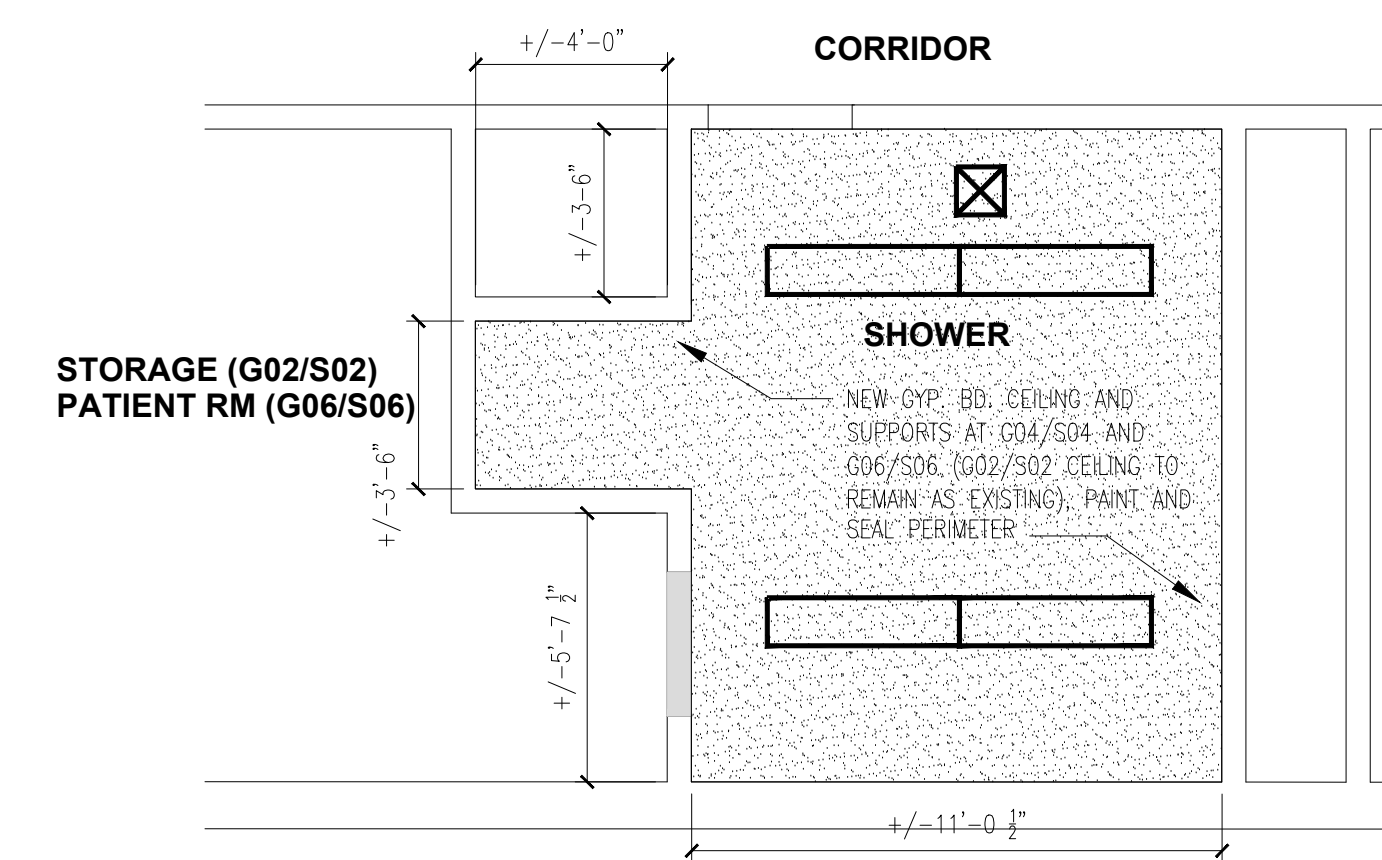


FLOOR PLAN

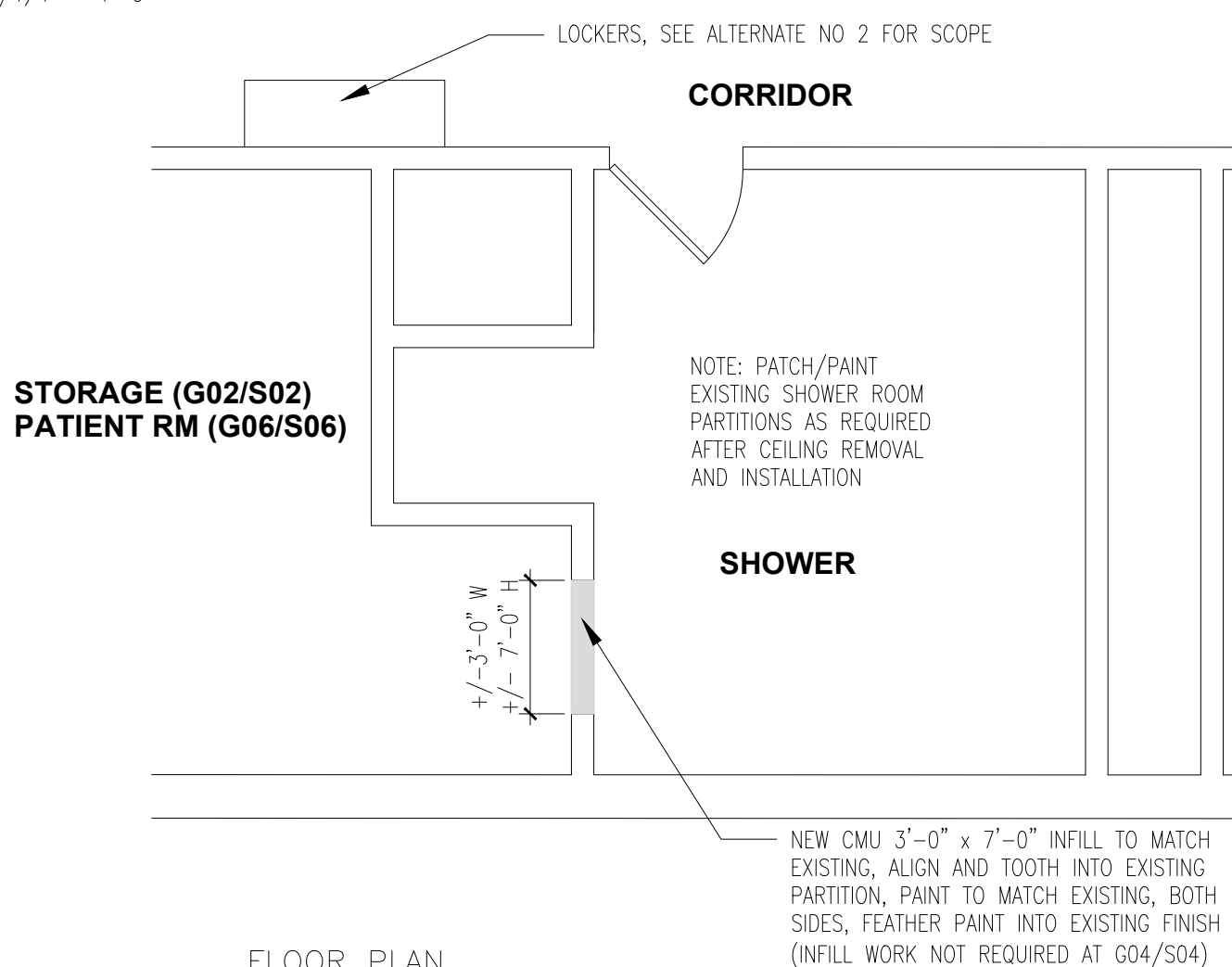


DEMOLITION PLAN

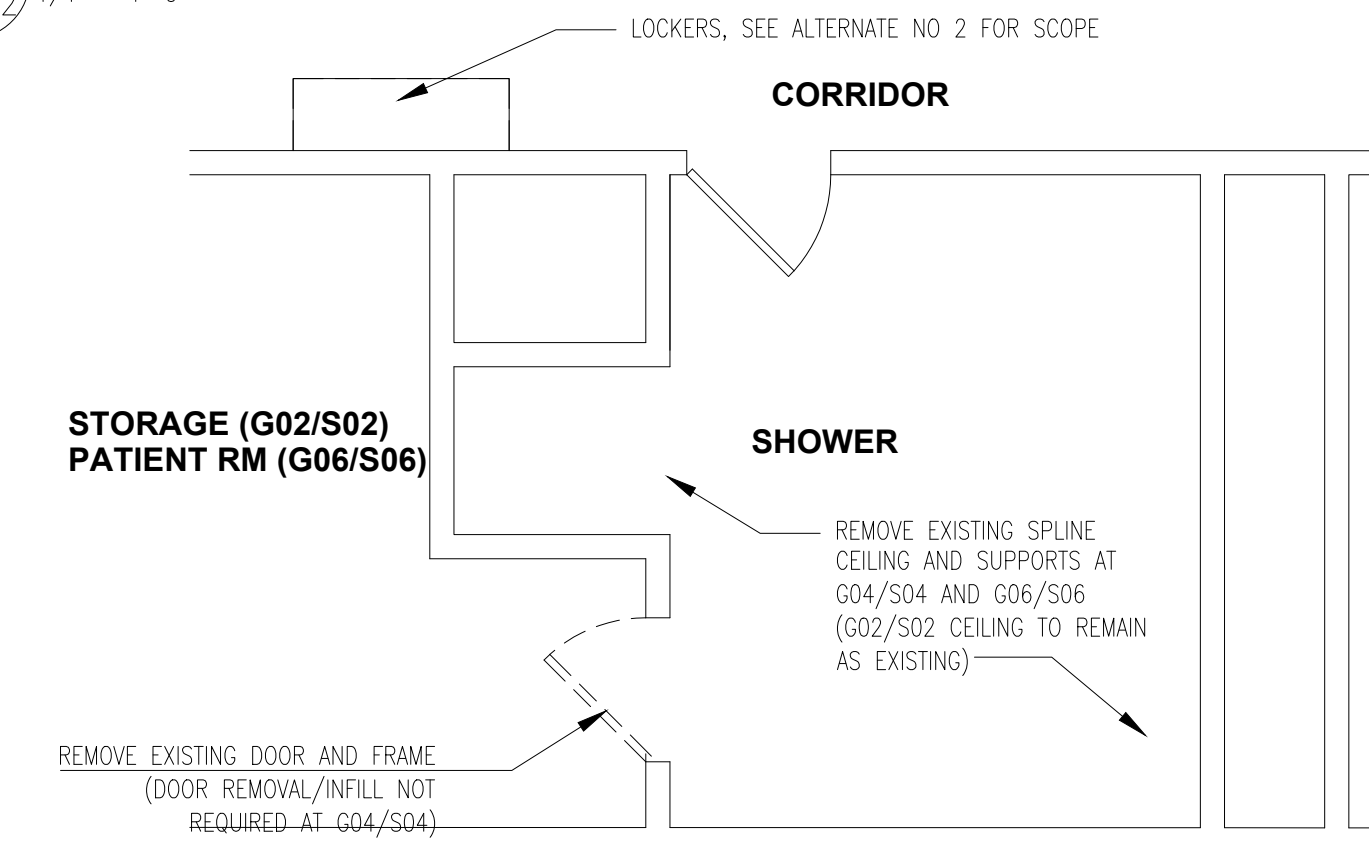
2 GUHLEMAN WEST (SORTS) – FIRST FLR ENLARGED PLANS – G02/S02
A-402 1/4" = 1'-0"



REFLECTED CEILING PLAN – G04/S04 AND G06/S06 ONLY (G02/S02 CEILING TO REMAIN AS EXISTING)



FLOOR PLAN



DEMOLITION PLAN

1 GUHLEMAN WEST/EAST (SORTS) – FIRST FLOOR ENLARGED PLANS – G02/S02, G06/S06
A-402 1/4" = 1'-0"



STATE OF MISSOURI
MICHAEL L PARSON,
GOVERNOR



STATE OF MISSOURI
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FULTON, MISSOURI

PROJECT # M2312-01
SITE # - 7352
ASSET # 6517352026

REVISION:
DATE: -
REVISION: -
DATE: -
REVISION: -
DATE: -
ISSUE DATE: 9-22-2024

CAD DWG FILE: A-EL-01
DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

SHEET TITLE:
ENLARGED PLANS

SHEET NUMBER:

A-402

13 OF 66 SHEETS
SEPTEMBER 22, 2024



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

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FULTON, MISSOURI**

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026
6517352027
6517352031
6517352057

REVISION: -
DATE: -
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ISSUE DATE: 9-22-2024

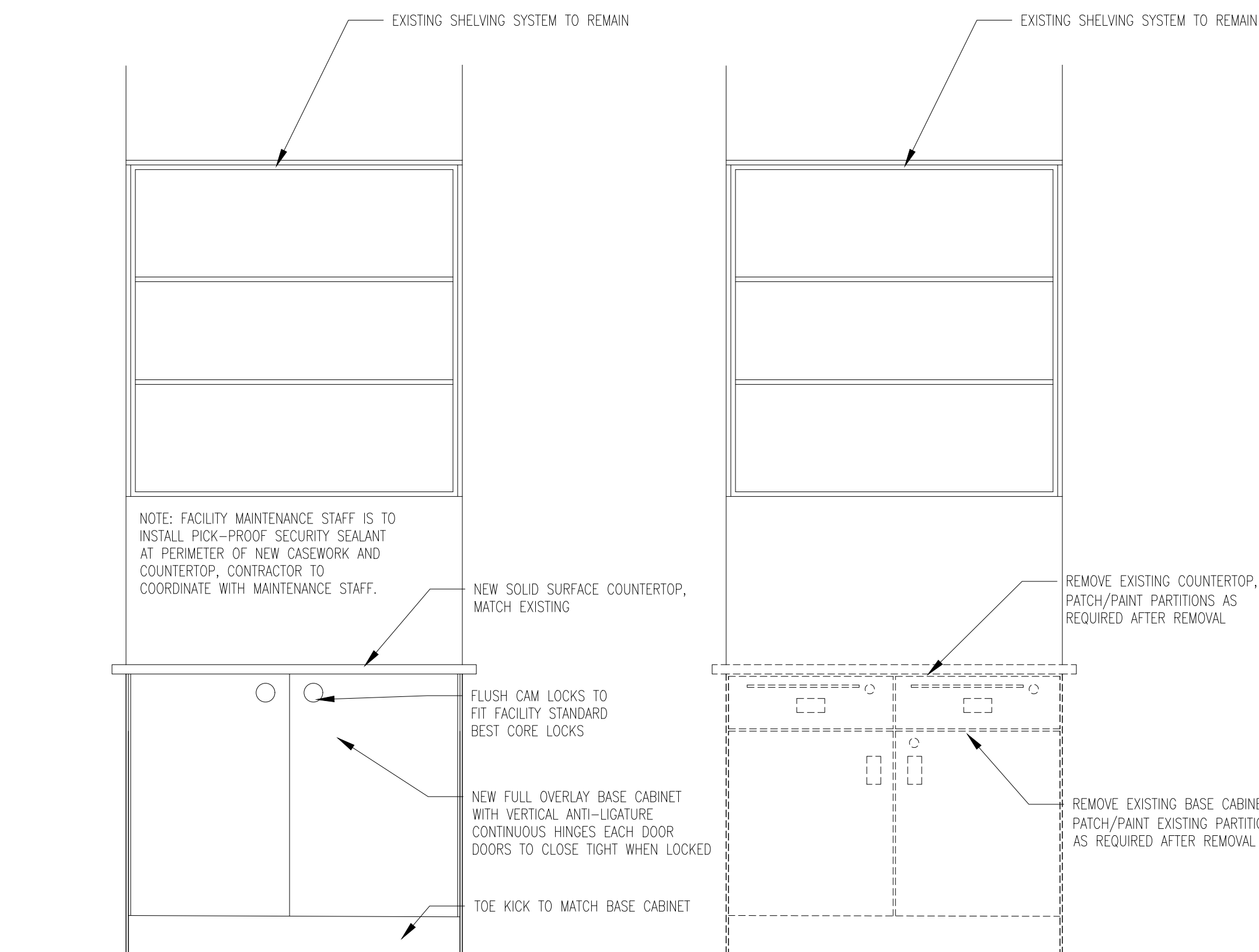
CAD DWG FILE: A-DT-01
DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

SHEET TITLE:
**INTERIOR
ELEVATIONS AND
DETAILS**

SHEET NUMBER:

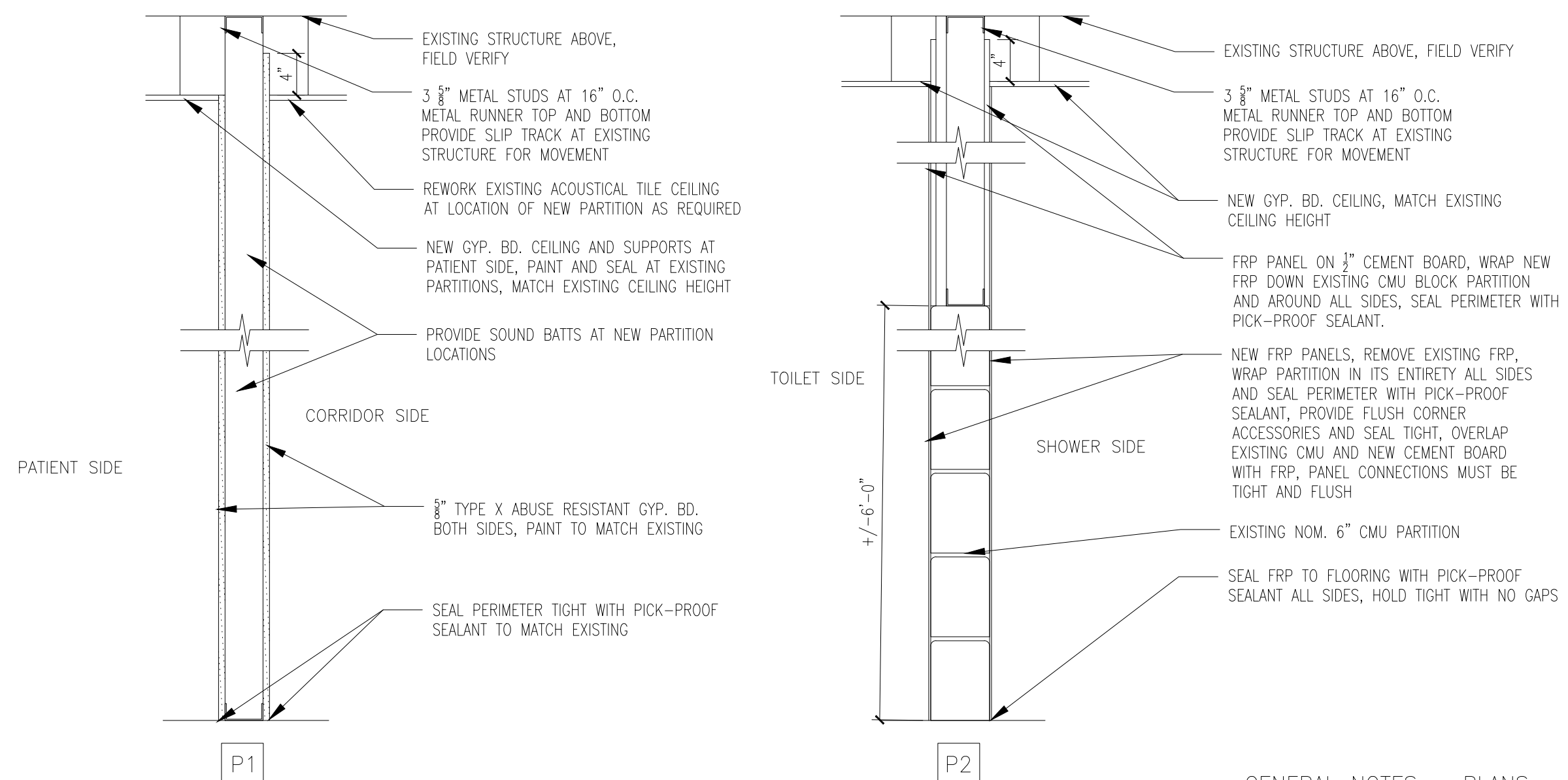
A-501

14 OF 66 SHEETS
SEPTEMBER 22, 2024



NEW NIXON CASEWORK
SEE FLOOR PLANS FOR LOCATIONS

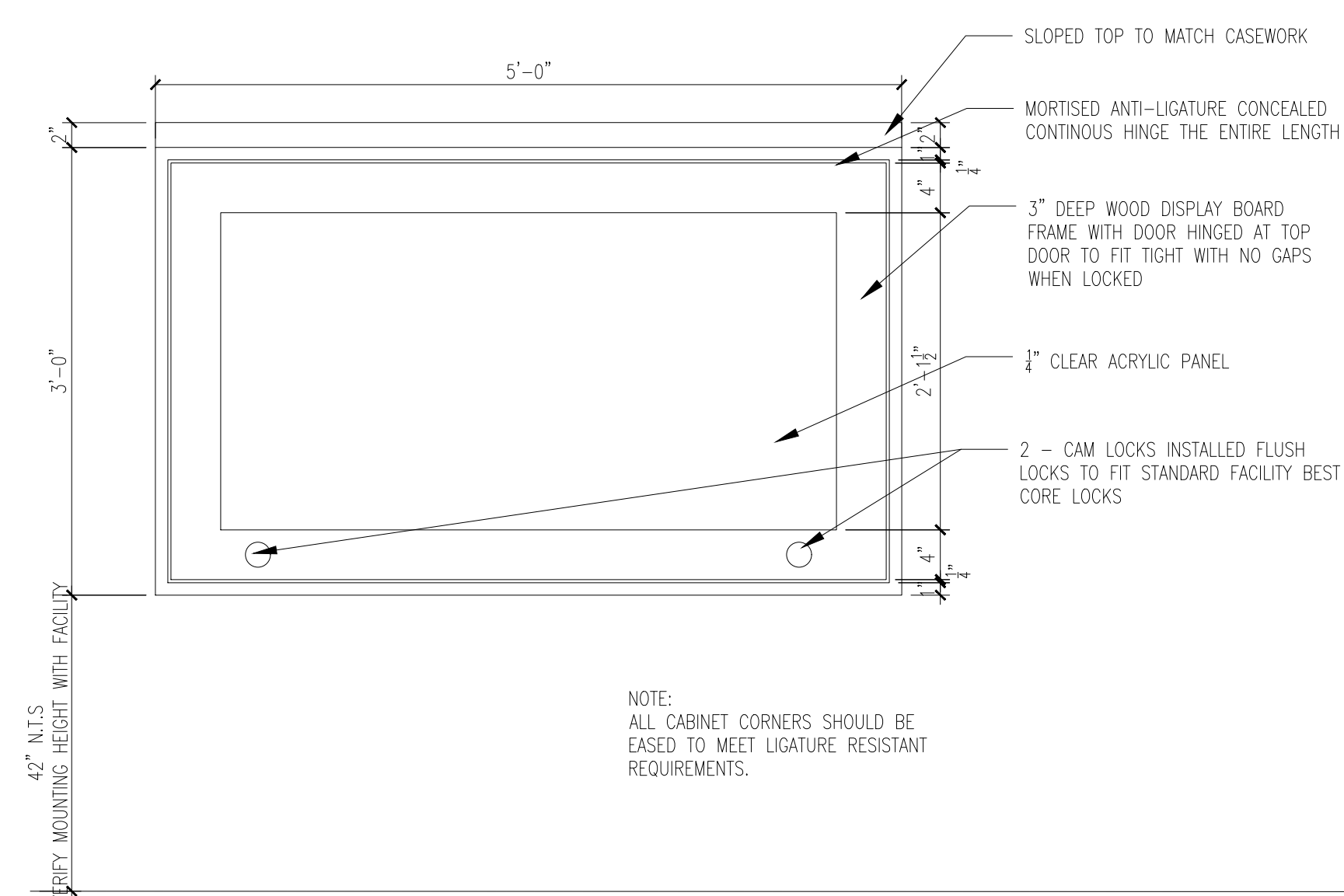
EXISTING NIXON CASEWORK:
SEE FLOOR PLANS FOR LOCATIONS



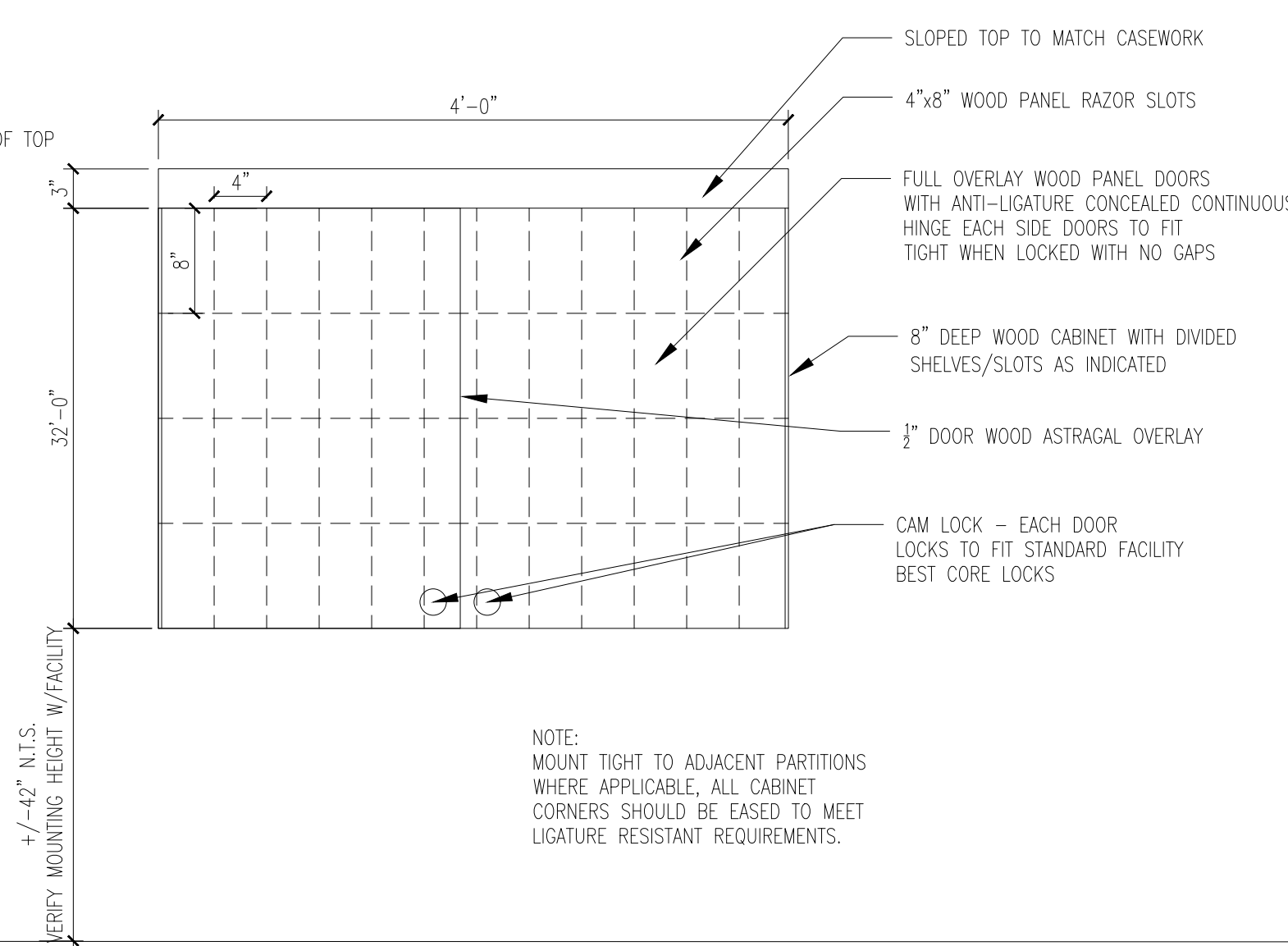
GENERAL NOTES - PLANS:
A. SEE FLOOR PLANS FOR PARTITION LOCATIONS

3 NIXON CASEWORK
A-501 1" = 1'-0"

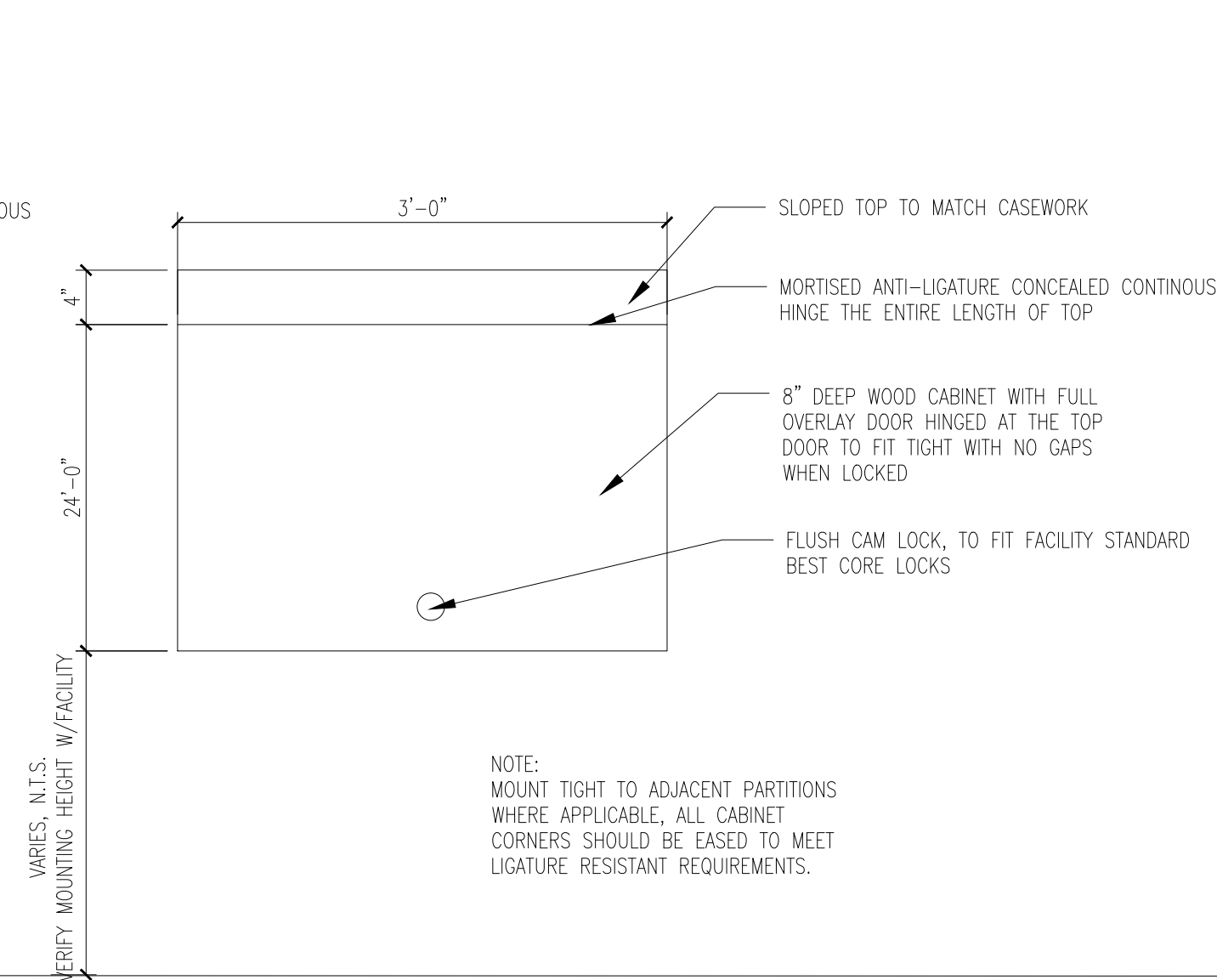
2 PARTITION TYPES
A-501 1" = 1'-0"



TYPE A - TYP. DISPLAY BOARD:
SEE FLOOR PLANS FOR LOCATIONS



TYPE B - TYP. 8" DEEP RAZOR CABINET:
SEE FLOOR PLANS FOR LOCATIONS



TYPE C - TYP. 8" DEEP CABINET:
SEE FLOOR PLANS FOR LOCATIONS

1 CASEWORK ELEVATIONS
A-501 1" = 1'-0"



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FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026
6517352027
6517352031
6517352057

REVISION: -
DATE: -
REVISION: -
DATE: -
REVISION: -
DATE: -

ISSUE DATE: 9-22-2024

CAD DWG FILE: A-DT-02
DRAWN BY: EL
CHECKED BY: EL
DESIGNED BY: EL

SHEET TITLE:
DETAILS

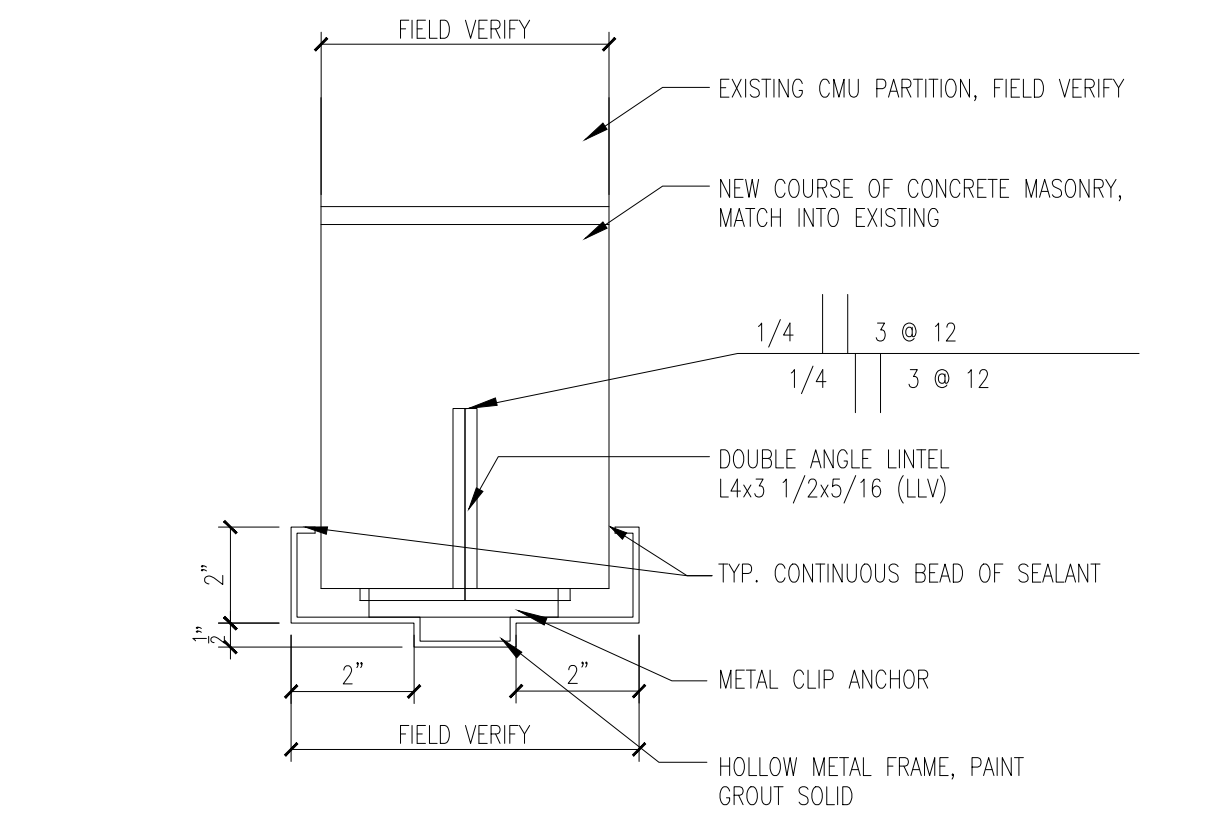
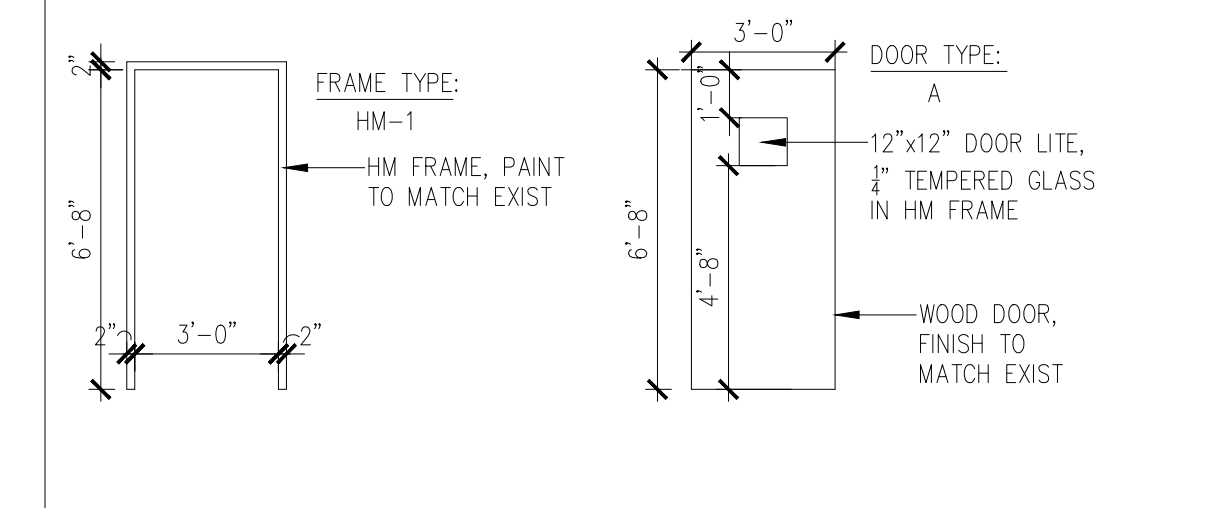
SHEET NUMBER:

A-601

15 OF 66 SHEETS
SEPTEMBER 22, 2024

DOOR SCHEDULE								
MARK	SIZE	DOOR TYPE	MATL	FRAME TYPE	HEAD	JAMB	HDW GROUP	REMARKS
001	3'-0" x 6'-8" x 1 3/4"	A	WD	HM-1	2/A-601	SIM	1	1, 2, 3
002	3'-0" x 6'-8" x 1 3/4"	A	WD	HM-1	2/A-601	SIM	1	1, 2, 3

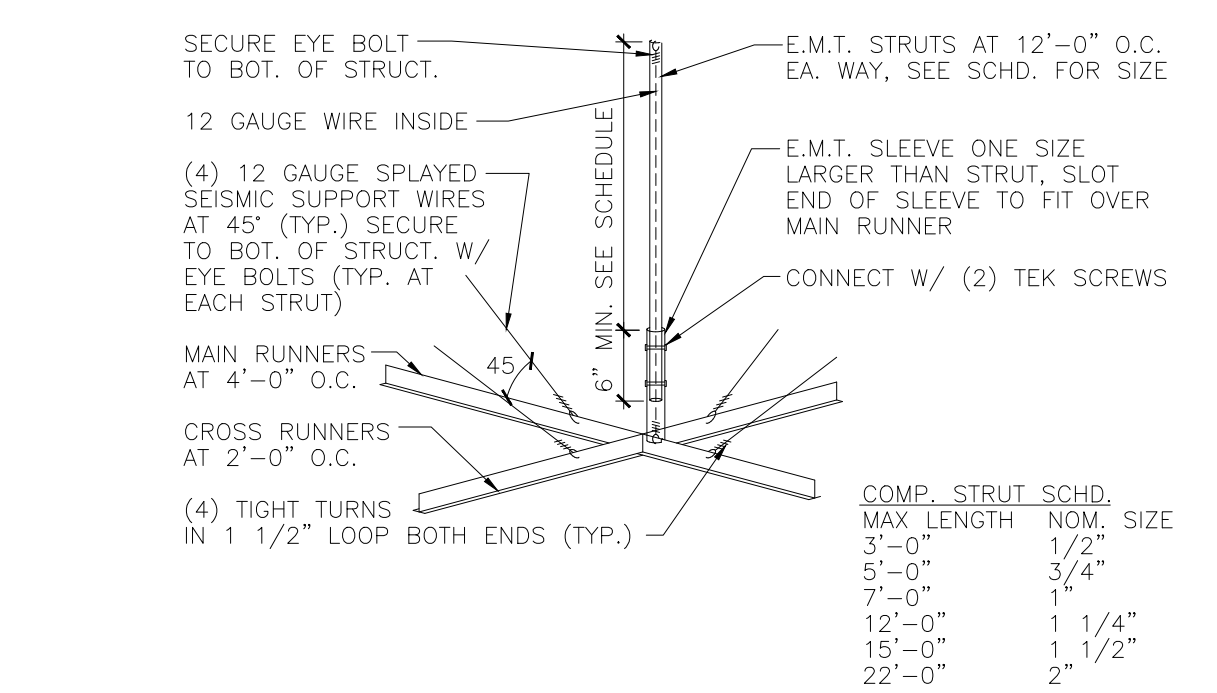
REMARKS
1. STAIN DOORS TO MATCH EXISTING
2. PAINT DOOR FRAMES TO MATCH EXISTING
3. DOOR AND FRAME TO THE 20 MIN FIRE RATED



NOTE:
EXISTING MASONRY WALL TO BE SHORED AS REQUIRED FOR INSTALLATION OF NEW LINTEL

2 DOOR HEAD DETAIL (JAMB SIM)
A-601 3" = 1'-0"

NOTE:
INSTALL WHERE AND AS REQ'D BY LOCAL CODE



1 CEILING SUPPORT DETAIL
A-601 NOT TO SCALE

ELECTRICAL SYMBOLS:

LINETYPE/SYMBOL	DESCRIPTION
	DUPLEX CONVENIENCE RECEPTACLE 20A, 125V
	QUAD CONVENIENCE RECEPTACLE 20A, 125V
	JUNCTION BOX - FLUSH WALL MOUNT
	JUNCTION BOX - FLUSH CEILING MOUNT/IN CEILING SPACE
	JUNCTION BOX - FLUSH FLOOR MOUNT
	ELECTRICAL SURFACE MOUNT BRANCH CIRCUIT PANELBOARD
	ELECTRICAL RECESSED MOUNT BRANCH CIRCUIT PANELBOARD
	MOTOR RATED SWITCH
	CEILING-MOUNT SMOKE DETECTOR (EXISTING)
	CEILING-MOUNT SMOKE DETECTOR (EXISTING)
	CEILING-MOUNT CCTV CAMERA (EXISTING)
	CEILING-MOUNT EGRESS LIGHT (EXISTING)

- NOTES:
- NOT ALL SYMBOLS MAY APPLY.
 - SEE SPECS AND DRAWINGS FOR SPECIFIC COMPONENT REQUIREMENTS.
 - STANDARD RECEPTACLE SHALL BE 20A, 125V OTHERWISE NEMA CONFIGURATION SHALL BE NOTED ON EACH OUTLET & RECEPTACLE.
 - ALL OUTLETS & RECEPTACLES SHALL BE FLUSH MOUNT UNLESS OTHERWISE NOTED ON EACH RECEPTACLE. S= SURFACE MOUNT.
 - # = CIRCUIT NUMBER PLACED NEXT TO EACH RECEPTACLE. WP = WEATHER PROOF PLACED NEXT TO EACH RECEPTACLE ACCORDINGLY.

"# " #
 #
 "x" = TYPE OF RECEPTACLE BASED ON ACRONYM

ACRONYMS:
 "C" = CONTROLLED VIA PLUG LOAD CONTROL TYPE
 "GFCI" = GROUND FAULT CIRCUIT INTERRUPTER TYPE
 "TP" = TAMPERPROOF TYPE
 "EG" = ELECTRONIC GRADE TYPE
 "AFCI" = ARC FAULT CIRCUIT INTERRUPTER TYPE

ELECTRICAL ABBREVIATIONS:

ABBREVIATION	DESCRIPTION
AFG	ABOVE FINISHED GRADE
FBO	FURNISHED BY OTHERS
FF	FINISHED FLOOR
UNO	UNLESS NOTED OTHERWISE
+XX	DIMENSIONED HEIGHT ABOVE FINISHED FLOOR
-XX	DIMENSIONED HEIGHT BELOW FINISHED FLOOR
1P	ONE POLE
1W	ONE WIRE
2P	TWO POLE
2W	TWO WIRE
3P	THREE POLE
3W	THREE WIRE
ADJ	ADJUSTABLE
AF	AMP FRAME
AFC	AVAILABLE FAULT CURRENT
AFCI	ARC FAULT CURRENT INTERRUPTER
AIC	AMPERES INTERRUPTING CAPACITY
AT	AMP TRIP
CB	CIRCUIT BREAKER
CKT	CIRCUIT
DISC	DISCONNECT
DN	DOWN
EM	EQUIPMENT POWERED WITH EMERGENCY SOURCE
FLA	FULL LOAD AMPS
FSD	FIRE SMOKE DAMPER
FT, '	FOOT OR FEET
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
IN, "	INCH OR INCHES
JBOX	JUNCTION BOX
KVA	KILOVOLT AMPERE
KW	KILOWATT
LTG	LIGHTING
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MIN	MINIMUM
MLO	MAIN LUGS ONLY
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO, #	NUMBER
NTS	NOT TO SCALE
SD	SMOKE DAMPER
SPEC	SPECIFICATION
TYP	TYPICAL
WP	WEATHERPROOF

ELECTRICAL SYMBOLS:

LINETYPE/SYMBOL	DESCRIPTION
	CONDUIT CONCEALED IN FINISHED AREAS OR EXPOSED IN UNFINISHED AREAS
	CONDUIT STUB - TERMINATE WITH CAP
	CONDUIT CONCEALED IN OR UNDER FLOOR SLAB
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	FLEXIBLE CONNECTION TO EQUIPMENT
	WIRE MOLD RACEWAY - SEE SPECS FOR EXACT TYPE
	HOMERUN TO PANELBOARD - CONDUCTORS QUANTITY, CONDUCTORS SIZE, AND CONDUIT SIZE INDICATED ON EACH HOMERUN
	LOW VOLTAGE LIGHT SWITCH
	TROFFER - SEE FIXTURE SCHEDULE FOR EXACT TYPE
	WRAPAROUND - SEE FIXTURE SCHEDULE FOR EXACT TYPE
	DOWNLIGHT - SEE FIXTURE SCHEDULE FOR EXACT TYPE
	LINEAR STRIP - SEE FIXTURE SCHEDULE FOR EXACT TYPE
	EXIT SIGN - SEE FIXTURE SCHEDULE FOR EXACT TYPE - ARROWS, EXIT FACE, & HEIGHT AS INDICATED ON DRAWINGS
	RECESSED MOUNTED FIXTURE
	WALL MOUNTED FIXTURE

- NOTES:
- NOT ALL SYMBOLS MAY APPLY.
 - SEE SPECS AND DRAWINGS FOR SPECIFIC COMPONENT REQUIREMENTS.
 - SEE LIGHTING CONTROL DIAGRAMS & SPECS FOR EXACT LIGHTING DEVICE TYPE. LOWERCASE LETTER ABOVE LIGHT SWITCH SYMBOL SHALL INDICATE SWITCH LEGS REQUIRED. THIS LETTER SHALL LINK LIGHT FIXTURES TO BE CONTROLLED WITH SWITCH.

a,b.
 S, "x"
 "a" = SWITCH LEGS/SWITCH CONTROL
 "x" = TYPE OF SWITCH BASED ON ACRONYM

ACRONYMS:
 "O" = INTEGRAL OCCUPANCY SENSOR
 "H" = HORIZONTALLY MOUNTED, WITH ON POSITION TO THE LEFT
 "K" = KEY OPERATED
 "KP" = KEY OPERATED WITH PILOT LIGHT ON WHEN LIGHTS ARE ON
 "T" = WITH TIMER
 "PROJ" = TO CONTROL PROJECTION SCREEN "G" = GLOWS IN OFF POSITION

1a
 A
 "A" = STANDARD FIXTURE TYPE. REFER TO FIXTURE SCHEDULE
 "1" = CIRCUIT NUMBER
 "a" = SWITCH LEGS/SWITCH CONTROL
 THIS LOWERCASE LETTER SHALL LINK LIGHT SWITCH CONTROLLING LIGHT FIXTURE.

+xx AFF
 "xx" = STANDARD FIXTURE MOUNTING HEIGHT SEE ARCHITECT DRAWINGS WHEN HEIGHT IS NOT SHOWN ON ELECTRICAL PLANS.

STANDARD LUMINAIRE PROVIDING EMERGENCY LIGHTING
 -FIXTURE POWERED WITH INTEGRAL BATTERY OR EXTERIOR EMERGENCY POWER SOURCE.

GENERAL NOTES:

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
- REVIEW ALL PROJECT DOCUMENTS INCLUDING SPECS AND DRAWINGS PERTAINING TO ALL DISCIPLINES PRIOR TO SUBMITTING A BID. SUBMIT PRE-BID REQUEST FOR INFORMATION FOR ITEMS IN QUESTION AND/OR CONFLICTS FOUND.
- DRAWINGS SHOW THE DESIGN INTENT DIAGRAMMATICALLY. THEY DO NOT SHOW THE EXACT UTILITY ROUTING NOR EVERY ELBOW, OFFSET, ETC. WHERE REQUIRED, THE CONTRACTOR SHALL MAKE ADJUSTMENTS TO THEIR SYSTEMS TO AVOID CONFLICT WITH THE STRUCTURE AND OTHER DISCIPLINES. THE COST FOR SUCH ADJUSTMENTS SHALL BE INCLUDED IN THE BID.
- OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR WORK PERFORMED.
- OBTAIN UTILITY PURVEYOR REQUIREMENTS PRIOR TO PURCHASING EQUIPMENT OR PERFORMING WORK.
- THE CONTRACTOR TEAM SHALL LEAD THE SUBCONTRACTORS IN PROVIDING A COORDINATED SET OF SHOP DRAWINGS. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.
- PROVIDE FIRESTOPPING FOR ALL UTILITY PENETRATIONS THRU FIRE-RATED ASSEMBLIES.
- COORDINATE FRAMING REQUIREMENTS FOR ACCESS PANELS AND EQUIPMENT/PANEL SUPPORTS PRIOR TO SUBMITTING BID.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE CORRECTION OF CONSTRUCTION DEFICIENCIES LISTED ON THE JOB SITE OBSERVATION REPORT. RETURN THE JOB SITE OBSERVATION REPORT TO A/E WITH DEFICIENCIES SIGNED OFF. PROVIDE PHOTOGRAPHIC AND/OR VIDEO EVIDENCE OF CORRECTED DEFICIENCIES IF REQUESTED BY THE ENGINEER.
- PROVIDE CLOSEOUT DOCUMENTATION UPON COMPLETION OF PROJECT. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.

ELECTRICAL NOTES:

- ELECTRICAL WORK SHALL BE CONSTRUCTED IN A PROFESSIONAL MANNER. COMPONENTS SHALL BE CLEANED PRIOR TO OWNER TURNOVER.
- THE SCHEDULED EQUIPMENT SHALL BE USED AS THE BASIS OF DESIGN. MODEL NUMBERS ARE PROVIDED FOR REFERENCE ONLY. EQUIPMENT SHALL MEET SPECIFIED PERFORMANCE. THE CONTRACTOR SHALL IDENTIFY ALL SELECTED OPTIONS IN THE SUBMITTAL.
- IF A CONTRACTOR PROVIDES EQUIPMENT OTHER THAN THE BASIS OF DESIGN, THAT CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED AS A RESULT. THAT INCLUDES, BUT IS NOT LIMITED TO, AGENCY FEES FOR REVIEW OF CHANGES, STRUCTURAL MODIFICATIONS FOR INCREASED WEIGHT AND ELECTRICAL EQUIPMENT, WIRING, CONDUIT, AND BREAKER CHANGES FOR DIFFERENT ELECTRICAL REQUIREMENTS.
- SEE SPEC SECTIONS 26 0533 AND FOR CONDUIT/RACEWAY SYSTEM INSTALLATION AND CLEANING REQUIREMENTS.
- PROVIDE CONDUIT OR RACEWAY EXPANSION JOINT THAT ACCOMMODATES THE BUILDING MOVEMENT WHERE CONDUIT OR RACEWAY CROSSES BUILDING EXPANSION JOINT.
- PAINT INTERIOR EXPOSED CONDUIT/RACEWAYS, PULL BOXES, AND ASSOCIATED HANGERS/SUPPORTS LOCATED IN OCCUPIED SPACES TO MATCH THE SURROUNDING ARCHITECTURAL COLOR SCHEME. PAINT EXTERIOR CONDUIT/RACEWAYS, PULL BOXES, AND ASSOCIATED HANGERS/SUPPORTS ADJACENT TO EXTERIOR WALL TO MATCH WALL COLOR. FINAL COLORS SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER. SEE SPEC SECTION 26 0500 FOR ADDITIONAL REQUIREMENTS.
- PROVIDE IDENTIFICATION FOR CONDUIT/RACEWAYS, PULL BOXES, AND EQUIPMENT PER SPEC SECTION 26 0553.
- CONDUIT/RACEWAY SHALL NOT PASS THRU NOR UNDER DATA ROOMS, ELEVATOR MACHINE ROOMS, ELEVATOR HOISTWAYS, SKYLIGHTS, AND ROOF ACCESS HATCHES.
- PULL BOXES SHALL BE ACCESSIBLE. PROVIDE KEYED ACCESS PANELS WHERE PULL BOXES HAVE BEEN LOCATED IN CONCEALED AREAS. ACCESS PANEL SIZE SHALL BE LARGE ENOUGH TO ACCESS EACH PULL BOX.
- ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF LIGHTING FIXTURES AND LIGHTING DEVICES WITH MECHANICAL AND FIRE PROTECTION, AND FIRE ALARM DEVICES.
- CONTRACTOR SHALL VERIFY U.L. LISTING AND PROCEED WITH FINAL CONNECTION.
- ELECTRICAL OUTLETS INSTALLED ON OPPOSITE SIDES OF FIRE-RATED ASSEMBLIES SHALL BE SEPARATED BY 24". OPENINGS SHALL BE FIRESTOPPED WITH THE SPECIFIED MATERIAL.
- WHERE NEW CIRCUIT BREAKERS ARE TO BE ADDED TO EXISTING ELECTRICAL EQUIPMENT, THEY SHALL BE OF THE SAME MANUFACTURER AND DESIGN AS THE EXISTING BREAKERS AND SHALL BE OF THE SIZES INDICATED.

RENOVATION NOTES:

- DEMOLITION WORK SHALL BE PERFORMED AS DESCRIBED WITHIN SPEC SECTION 26 0505 AND THE DRAWINGS.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID SUBMISSION TO VERIFY ALL FIELD CONDITIONS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 A. LOCATIONS OF EXISTING ELECTRICAL SYSTEMS.
 B. LOCATIONS OF ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, TECHNOLOGY, FIRE PROTECTION, AND FIRE ALARM SYSTEMS.
 C. EXISTING SURFACES WHICH REQUIRE ALTERING.
 D. EXISTING MAIN SWITCHGEAR CONDITIONS.
- NOTIFY OWNER OF REQUIRED SYSTEM SHUTDOWNS AT LEAST TWO WEEKS PRIOR TO SHUTDOWN. EXACT SHUTDOWN TIME AND PROCEDURE SHALL BE COORDINATED WITH OWNER AT LEAST 96 HOURS PRIOR TO SHUTDOWN.
- WHEN ELECTRICAL CONDUIT OR EQUIPMENT ARE NOTATED TO BE PERMANENTLY REMOVED THEIR ASSOCIATED COMPONENTS SHALL ALSO BE REMOVED INCLUDING HANGERS, SUPPORTS, AND ACCESSORIES.
- COORDINATE THE DISCONNECTION AND REMOVAL OF THE POWERED SYSTEMS WITH THE OTHER TRADES WHEN REMOVING POWERED EQUIPMENT.
- REPAIR EXISTING FLOORS, WALLS, AND CEILINGS IN ALTERED AREAS TO MATCH EXISTING. SEE ARCHITECTURAL PLANS FOR FINISH DETAILS IN REMODEL AREAS.
- CONTRACTOR SHALL CONFIRM THAT ONCE POWER IS RESTORED, (E) ELECTRICAL DEVICES DOWNSTREAM OF REPLACED DEVICES ARE OPERATIONAL WITH ADEQUATE ELECTRICAL CONTINUITY.

ELECTRICAL SHEET INDEX:

SHEET NUMBER	SHEET NAME
E-001	ELECTRICAL COVERSHEET
E-101	ELECTRICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G1 - DEMO
E-102	ELECTRICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - DEMO
E-103	ELECTRICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - DEMO
E-104	ELECTRICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - DEMO
E-105	ELECTRICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G5 - DEMO
E-106	ELECTRICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - DEMO
E-107	ELECTRICAL HEARNES BUILDING - H1 - DEMO
E-108	ELECTRICAL HEARNES BUILDING - H2 - DEMO
E-109	ELECTRICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G1 - REMODEL
E-110	ELECTRICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - REMODEL
E-111	ELECTRICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - REMODEL
E-112	ELECTRICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - REMODEL
E-113	ELECTRICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G5 - REMODEL
E-114	ELECTRICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - REMODEL
E-115	ELECTRICAL HEARNES BUILDING - H1 - REMODEL
E-116	ELECTRICAL HEARNES BUILDING - H2 - REMODEL
E-601	ELECTRICAL SCHEDULES

CODES AND STANDARDS:

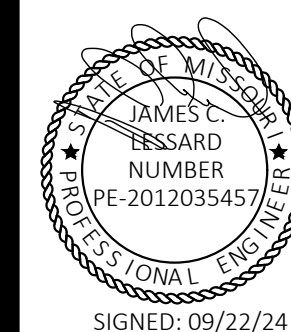
EDITION	REFERENCE CODE/STANDARD
2010	AMERICANS WITH DISABILITIES ACT (ADAAG)
2021	INTERNATIONAL BUILDING CODE, (IBC)
2023	NATIONAL ELECTRICAL CODE, (NEC)
2021	INTERNATIONAL MECHANICAL CODE, (IMC)
2021	INTERNATIONAL PLUMBING CODE, (IPC)
2021	NATIONAL LIFE SAFETY CODE, (NFPA 101)
2022	ENERGY EFFICIENCY STANDARD, (ASHRAE 90.1)

NFPA-NATIONAL FIRE PROTECTION AGENCY

GENERAL LEGEND:

SYMBOL	DESCRIPTION
	DETAIL CALL-OUT SYMBOL
	EQUIPMENT TAG
	KEYNOTE SYMBOL
	POINT OF CONNECTION OR DISCONNECTION
	SECTION CUT CALL-OUT SYMBOL
	ENLARGED PLAN CALL-OUT SYMBOL
LINETYPE	DESCRIPTION
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	NEW CONSTRUCTION
(E)	EXISTING TO REMAIN
(X)	EXISTING TO BE REMOVED

STATE OF MISSOURI
 MICHAEL L PARSON,
 GOVERNOR



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 CERTIFICATE OF AUTHORITY #2018019473

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 FULTON STATE HOSPITAL
 FULTON, MISSOURI

PROJECT # M2312-01
 SITE # 7352
 ASSET # 6517352026, 6517352027,
 6517352031

REVISION:
 DATE:
 REVISION:
 DATE:
 REVISION:
 DATE:
 ISSUE DATE: 09/22/24

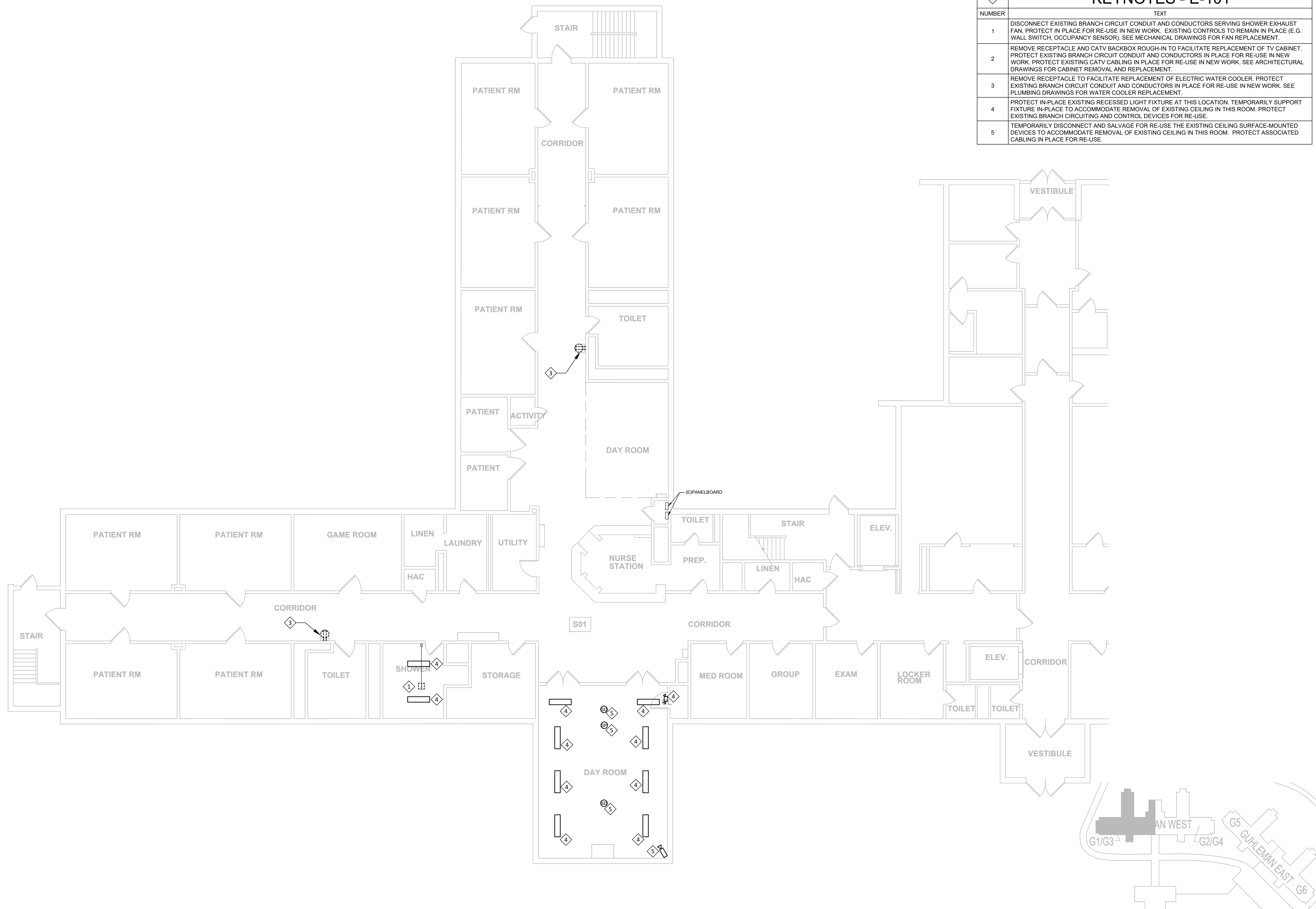
CAD DWG FILE: E-001
 DRAWN BY: RUM
 CHECKED BY: JCL
 DESIGNED BY: JCL

SHEET TITLE:
 ELECTRICAL
 COVERSHEET

SHEET NUMBER:

E-001

SHEET 16 OF 66
 SEPTEMBER 22, 2024

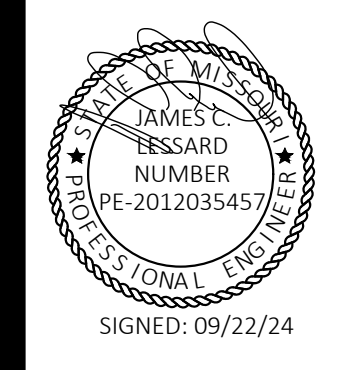


#	KEYNOTES - E-101
NUMBER	TEXT
1	DISCONNECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS SERVING SHOWER EXHAUST FAN. PROTECT IN PLACE FOR RE-USE IN NEW WORK. EXISTING CONTROLS TO REMAIN IN PLACE (E.G. WALL SWITCH, OCCUPANCY SENSOR). SEE MECHANICAL DRAWINGS FOR FAN REPLACEMENT.
2	REMOVE RECEPTACLE AND CATV BACKBOX ROUGH-IN TO FACILITATE REPLACEMENT OF TV CABINET. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS IN PLACE FOR RE-USE IN NEW WORK. PROTECT EXISTING CATV CABLING IN PLACE FOR RE-USE IN NEW WORK. SEE ARCHITECTURAL DRAWINGS FOR CABINET REMOVAL AND REPLACEMENT.
3	REMOVE RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS IN PLACE FOR RE-USE IN NEW WORK. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
4	PROTECT IN-PLACE EXISTING RECESSED LIGHT FIXTURE AT THIS LOCATION. TEMPORARILY SUPPORT FIXTURE IN-PLACE TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT EXISTING BRANCH CIRCUITING AND CONTROL DEVICES FOR RE-USE.
5	TEMPORARILY DISCONNECT AND SALVAGE FOR RE-USE THE EXISTING CEILING SURFACE-MOUNTED DEVICES TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT ASSOCIATED CABLING IN PLACE FOR RE-USE.

 **ELECTRICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G1 - DEMO**
SCALE: 1/8"=1'-0"

 **KEY PLAN**
SCALE: NTS

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MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

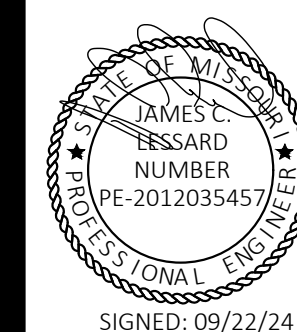
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REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-DP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

SHEET TITLE:
**ELECTRICAL
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G1 - DEMO**

SHEET NUMBER:

E-101
SHEET 17 OF 66
SEPTEMBER 22, 2024



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PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-DP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

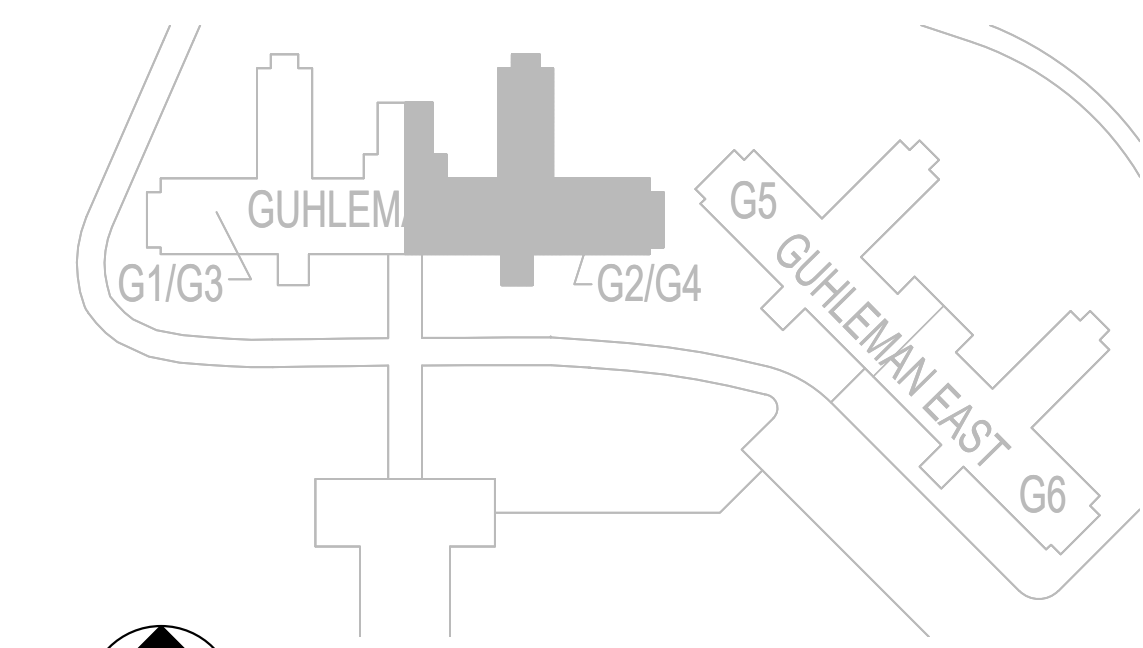
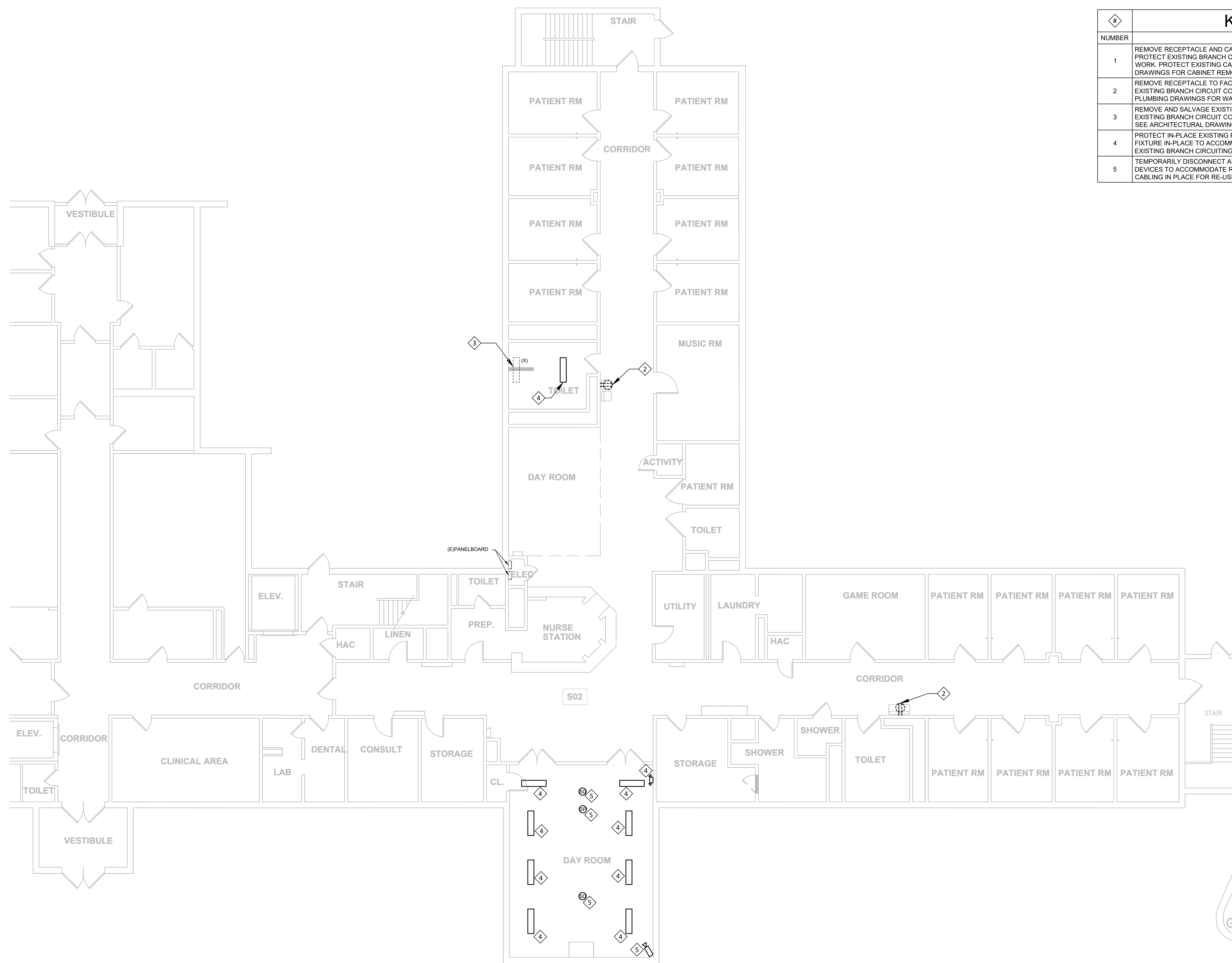
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**ELECTRICAL
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G2 - DEMO**

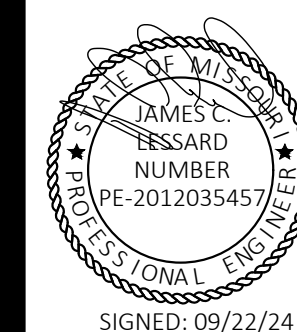
SHEET NUMBER:

E-102

SHEET 18 OF 66
SEPTEMBER 22, 2024

KEYNOTES - E-102	
NUMBER	TEXT
1	REMOVE RECEPTACLE AND CATV BACKBOX ROUGH-IN TO FACILITATE REPLACEMENT OF TV CABINET. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS IN PLACE FOR RE-USE IN NEW WORK. PROTECT EXISTING CATV CABLING IN PLACE FOR RE-USE IN NEW WORK. SEE ARCHITECTURAL DRAWINGS FOR CABINET REMOVAL AND REPLACEMENT.
2	REMOVE RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS IN PLACE FOR RE-USE IN NEW WORK. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
3	REMOVE AND SALVAGE EXISTING LIGHT FIXTURE AT THIS LOCATION FOR RELOCATION. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS FOR RE-USE / RELOCATION IN NEW WORK. SEE ARCHITECTURAL DRAWINGS FOR WALL EXTENSION TO DECK.
4	PROTECT IN-PLACE EXISTING RECESSED LIGHT FIXTURE AT THIS LOCATION. TEMPORARILY SUPPORT FIXTURE IN-PLACE TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT EXISTING BRANCH CIRCUITING AND CONTROL DEVICES FOR RE-USE.
5	TEMPORARILY DISCONNECT AND SALVAGE FOR RE-USE THE EXISTING CEILING SURFACE-MOUNTED DEVICES TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT ASSOCIATED CABLING IN PLACE FOR RE-USE.





SIGNED: 09/22/24



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FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-DP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

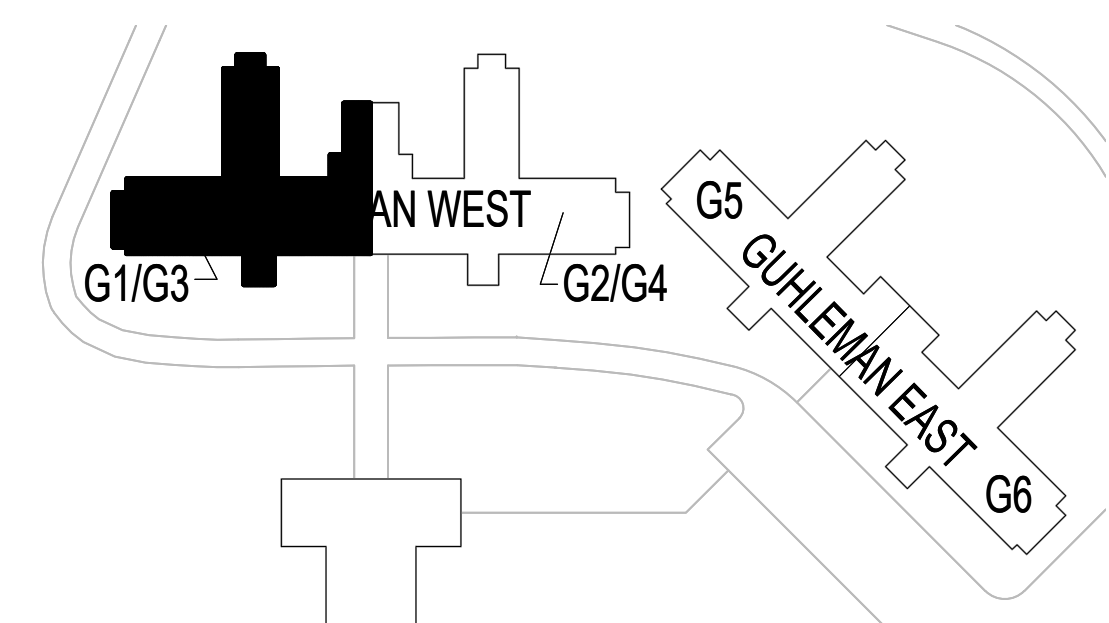
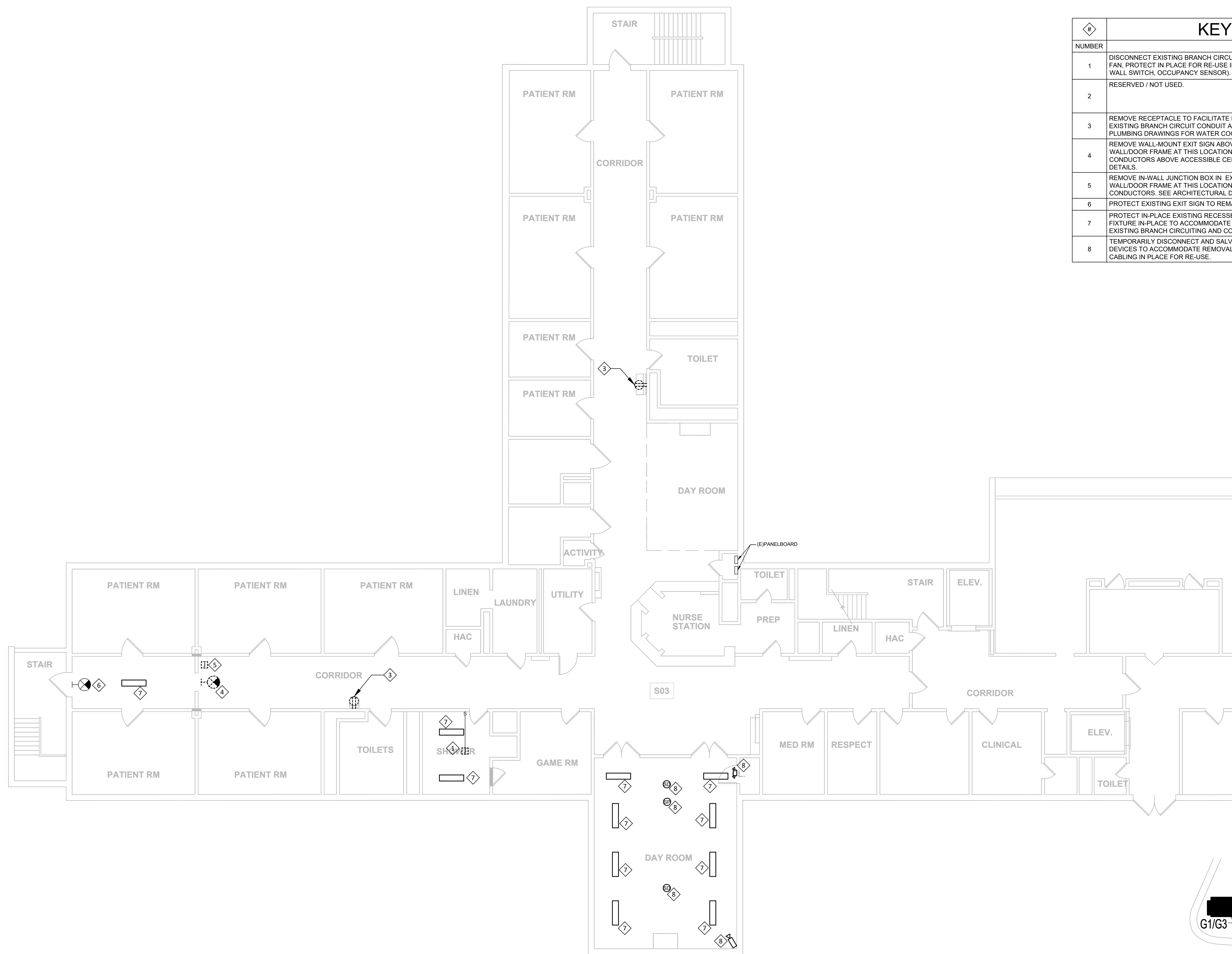
SHEET TITLE:
**ELECTRICAL
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G3 - DEMO**

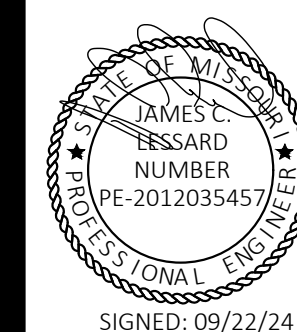
SHEET NUMBER:

E-103

SHEET 19 OF 66
SEPTEMBER 22, 2024

KEYNOTES - E-103	
NUMBER	TEXT
1	DISCONNECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS SERVING SHOWER EXHAUST FAN, PROTECT IN PLACE FOR RE-USE IN NEW WORK. EXISTING CONTROLS TO REMAIN IN PLACE (E.G. WALL SWITCH, OCCUPANCY SENSOR). SEE MECHANICAL DRAWINGS FOR FAN REPLACEMENT.
2	RESERVED / NOT USED.
3	REMOVE RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS IN PLACE FOR RE-USE IN NEW WORK. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
4	REMOVE WALL-MOUNT EXIT SIGN ABOVE EXISTING DOOR OPENING TO FACILITATE REMOVAL OF WALL/DOOR FRAME AT THIS LOCATION. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS ABOVE ACCESSIBLE CEILING. SEE ARCHITECTURAL DRAWINGS FOR WALL REMOVAL DETAILS.
5	REMOVE IN-WALL JUNCTION BOX IN EXISTING WALL PARTITION TO FACILITATE REMOVAL OF WALL/DOOR FRAME AT THIS LOCATION. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS. SEE ARCHITECTURAL DRAWINGS FOR WALL REMOVAL DETAILS.
6	PROTECT EXISTING EXIT SIGN TO REMAIN IN PLACE.
7	PROTECT IN-PLACE EXISTING RECESSED LIGHT FIXTURE AT THIS LOCATION. TEMPORARILY SUPPORT FIXTURE IN-PLACE TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT EXISTING BRANCH CIRCUITING AND CONTROL DEVICES FOR RE-USE.
8	TEMPORARILY DISCONNECT AND SALVAGE FOR RE-USE THE EXISTING CEILING SURFACE-MOUNTED DEVICES TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT ASSOCIATED CABLING IN PLACE FOR RE-USE.





SIGNED: 09/22/24



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FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-DP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

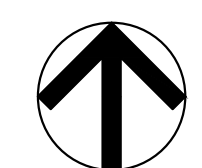
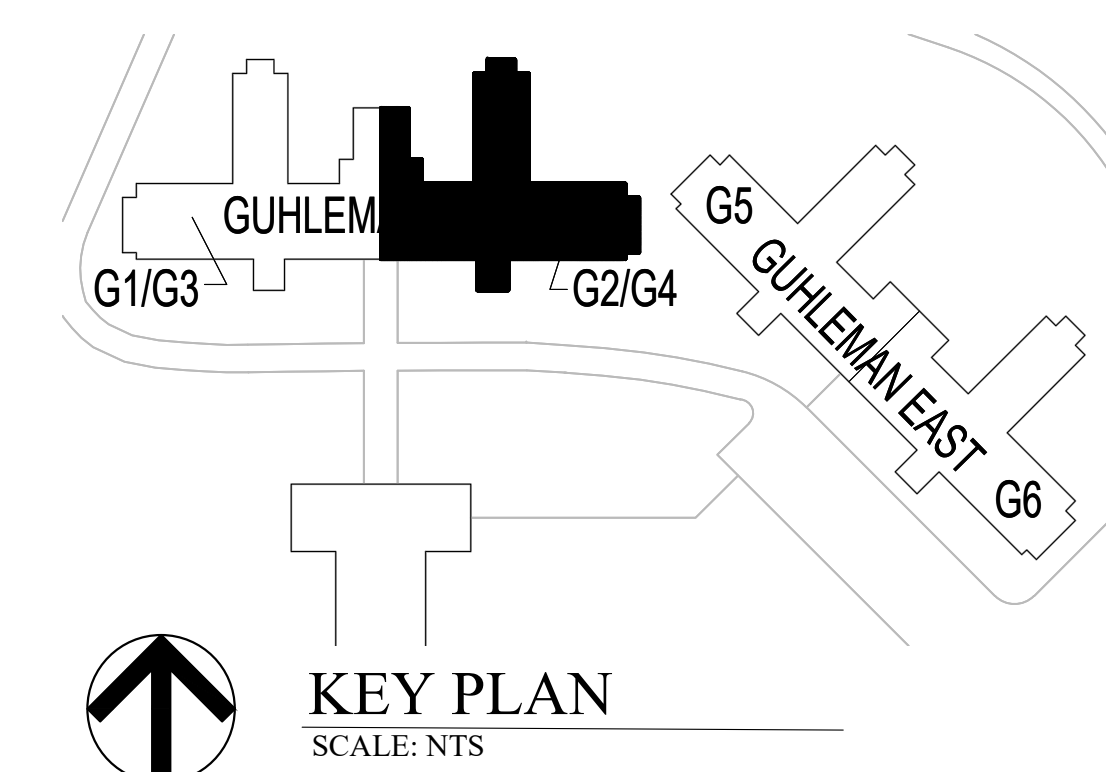
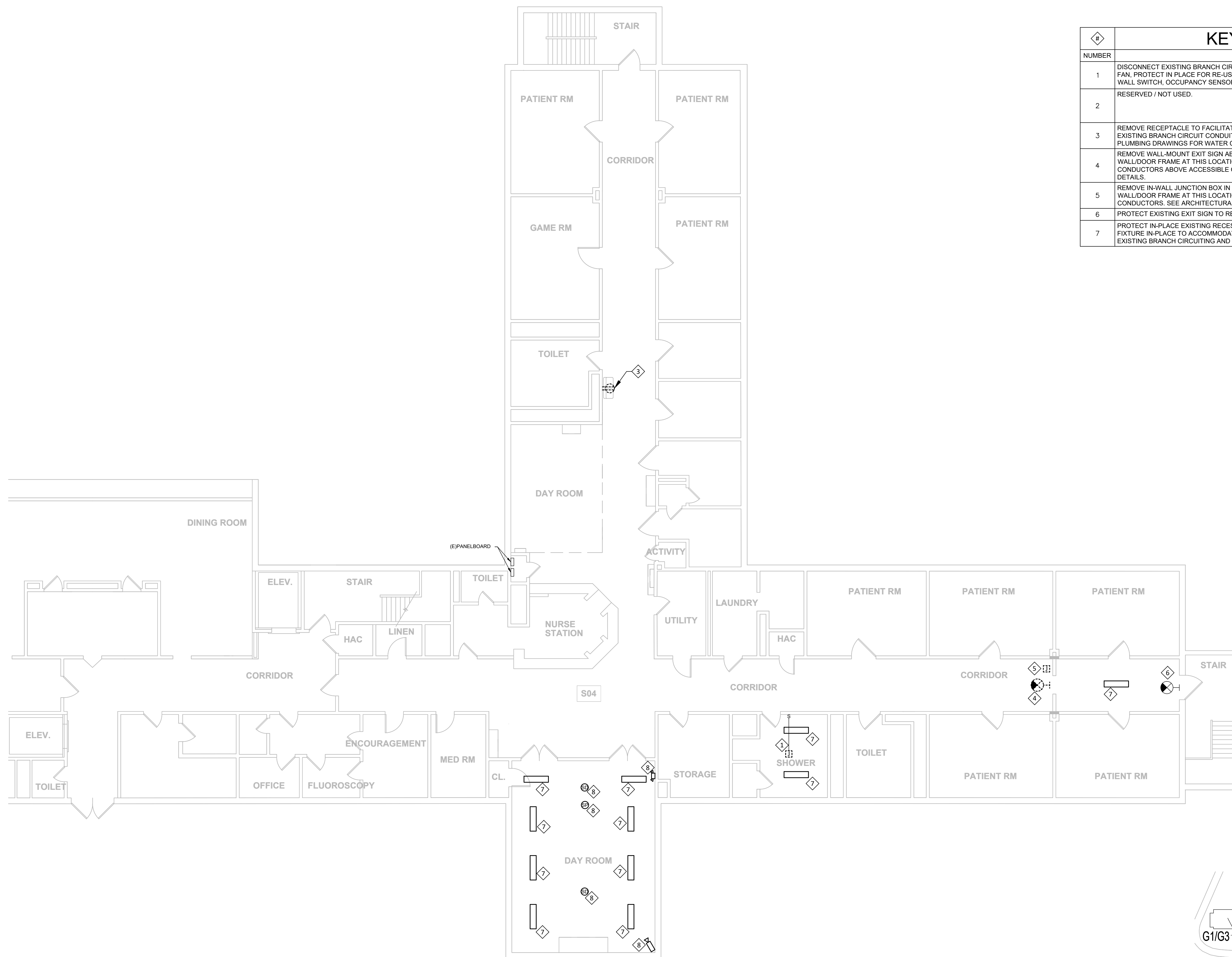
SHEET TITLE:
ELECTRICAL
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G4 - DEMO

SHEET NUMBER:

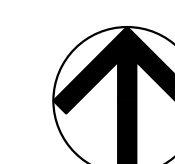
E-104

SHEET 20 OF 66
SEPTEMBER 22, 2024

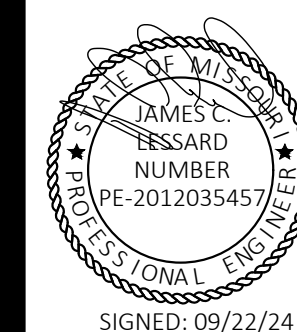
KEYNOTES - E-104	
NUMBER	TEXT
1	DISCONNECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS SERVING SHOWER EXHAUST FAN, PROTECT IN PLACE FOR RE-USE IN NEW WORK. EXISTING CONTROLS TO REMAIN IN PLACE (E.G. WALL SWITCH, OCCUPANCY SENSOR). SEE MECHANICAL DRAWINGS FOR FAN REPLACEMENT.
2	RESERVED / NOT USED.
3	REMOVE RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS IN PLACE FOR RE-USE IN NEW WORK. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
4	REMOVE WALL-MOUNT EXIT SIGN ABOVE EXISTING DOOR OPENING TO FACILITATE REMOVAL OF WALL/DOOR FRAME AT THIS LOCATION. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS ABOVE ACCESSIBLE CEILING. SEE ARCHITECTURAL DRAWINGS FOR WALL REMOVAL DETAILS.
5	REMOVE IN-WALL JUNCTION BOX IN EXISTING WALL PARTITION TO FACILITATE REMOVAL OF WALL/DOOR FRAME AT THIS LOCATION. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS. SEE ARCHITECTURAL DRAWINGS FOR WALL REMOVAL DETAILS.
6	PROTECT EXISTING EXIT SIGN TO REMAIN IN PLACE.
7	PROTECT IN-PLACE EXISTING RECESSED LIGHT FIXTURE AT THIS LOCATION. TEMPORARILY SUPPORT FIXTURE IN-PLACE TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT EXISTING BRANCH CIRCUITING AND CONTROL DEVICES FOR RE-USE.



ELECTRICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - DEMO
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS



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FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-DP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

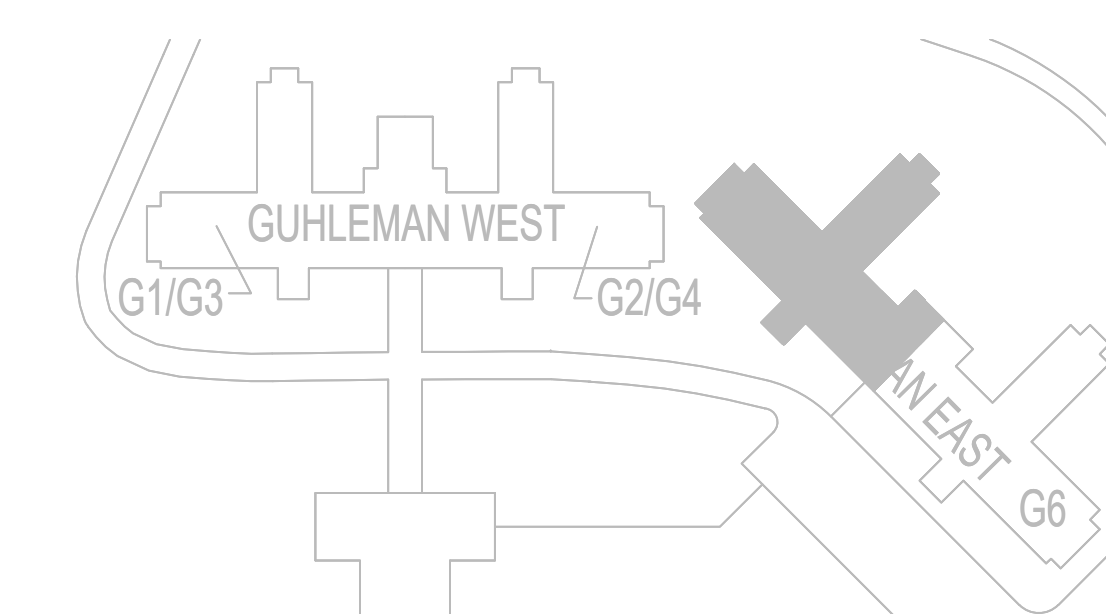
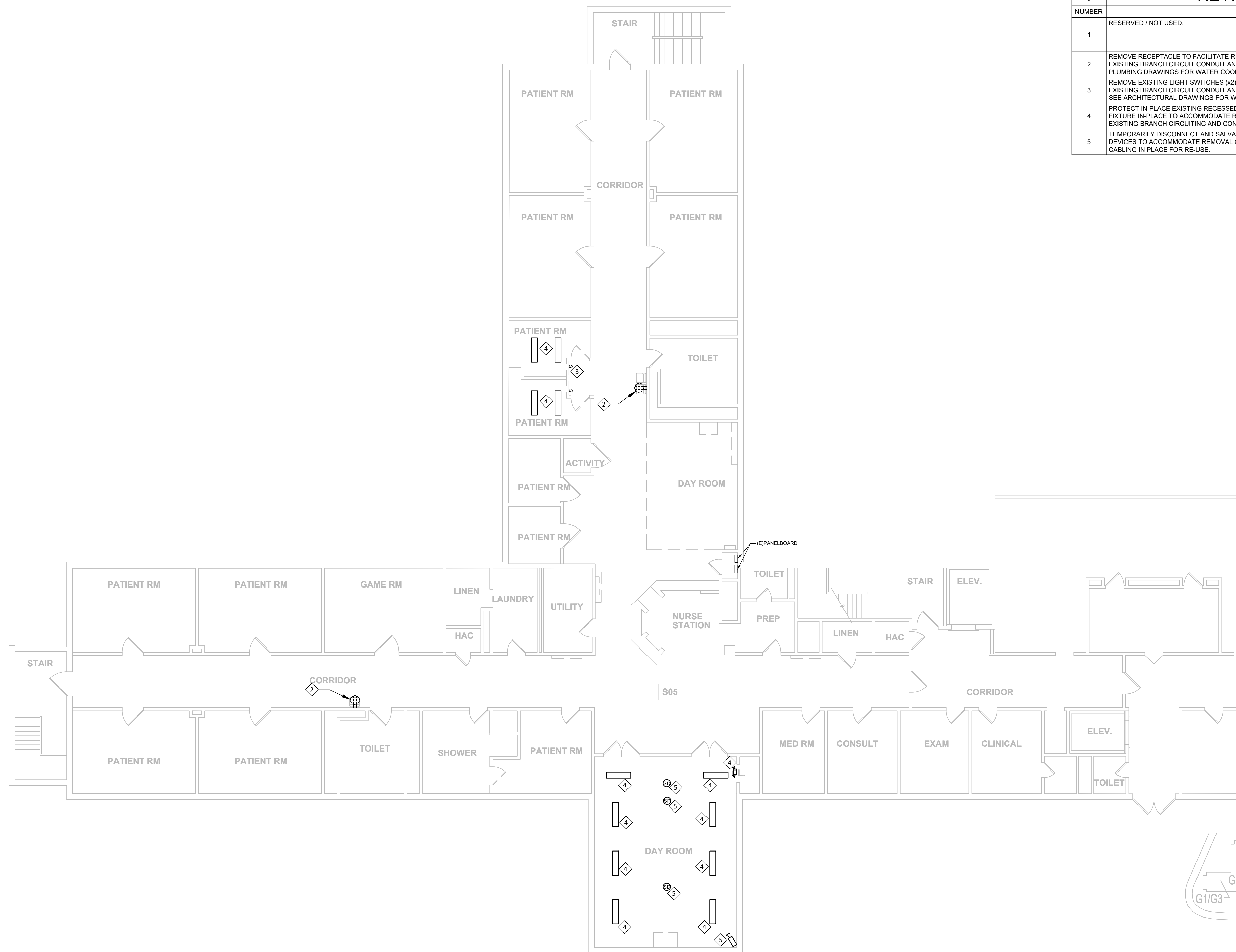
SHEET TITLE:
**ELECTRICAL
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G5 - DEMO**

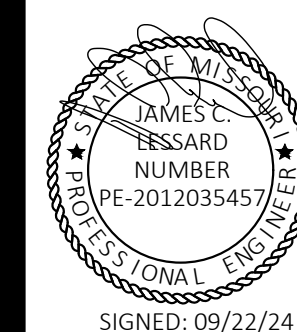
SHEET NUMBER:

E-105

SHEET 21 OF 66
SEPTEMBER 22, 2024

KEYNOTES - E-105	
NUMBER	TEXT
1	RESERVED / NOT USED.
2	REMOVE RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS IN PLACE FOR RE-USE IN NEW WORK. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
3	REMOVE EXISTING LIGHT SWITCHES (x2) AT THIS LOCATION TO FACILITATE WALL REMOVAL. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS FOR RE-USE / RELOCATION IN NEW WORK. SEE ARCHITECTURAL DRAWINGS FOR WALL REMOVAL AND REPLACEMENT.
4	PROTECT IN-PLACE EXISTING RECESSED LIGHT FIXTURE AT THIS LOCATION. TEMPORARILY SUPPORT FIXTURE IN-PLACE TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT EXISTING BRANCH CIRCUITING AND CONTROL DEVICES FOR RE-USE.
5	TEMPORARILY DISCONNECT AND SALVAGE FOR RE-USE THE EXISTING CEILING SURFACE-MOUNTED DEVICES TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT ASSOCIATED CABLING IN PLACE FOR RE-USE.





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CERTIFICATE OF AUTHORITY #2018019473

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ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-DP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

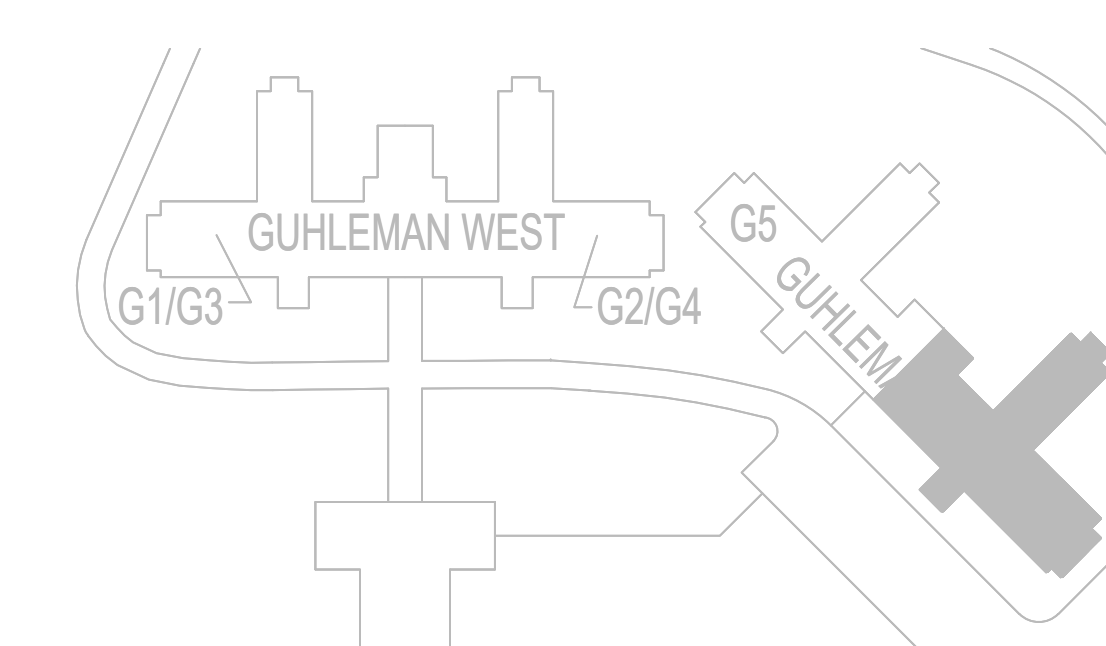
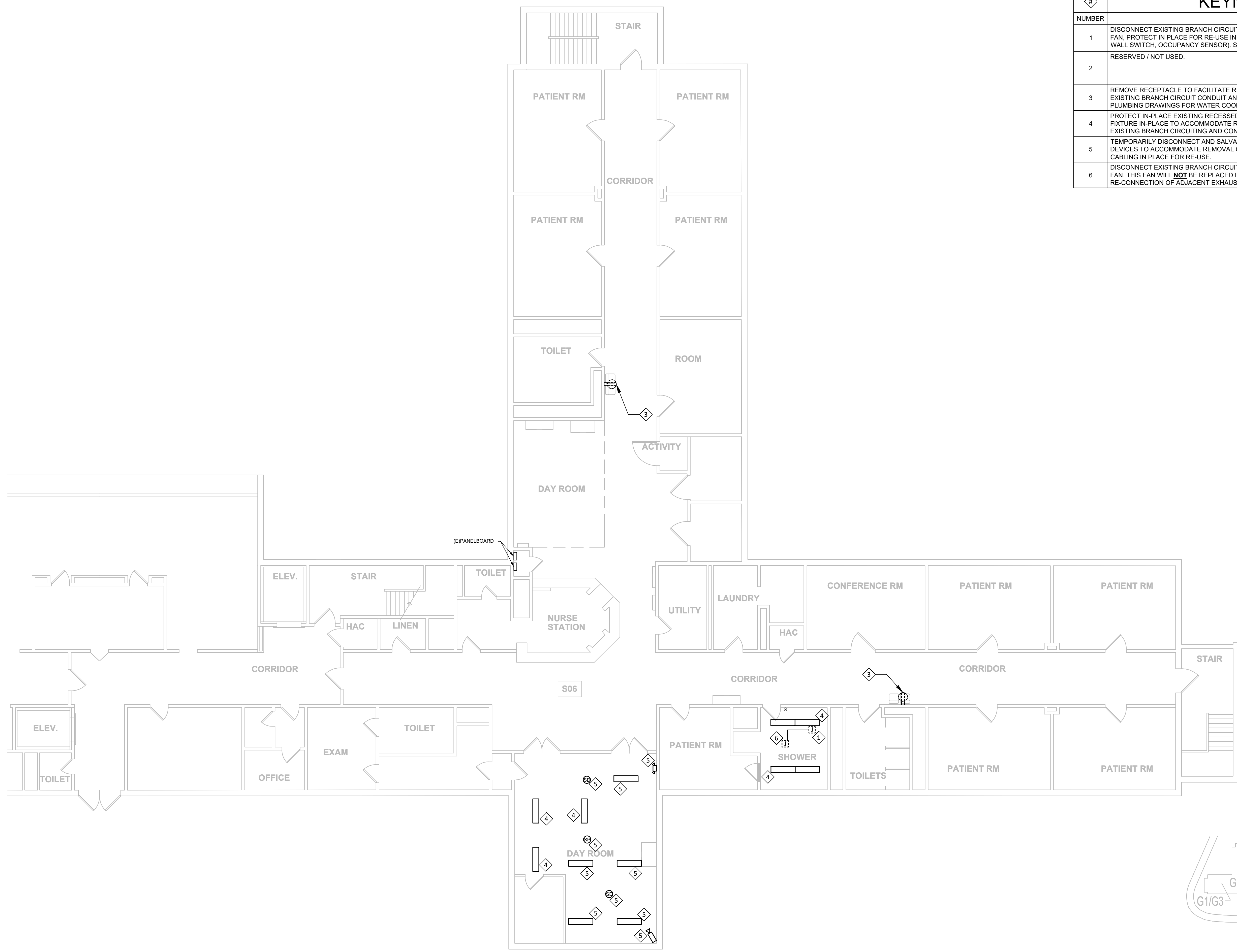
SHEET TITLE:
ELECTRICAL
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G6

SHEET NUMBER:

E-106

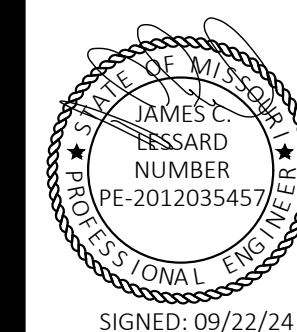
SHEET 22 OF 66
SEPTEMBER 22, 2024

KEYNOTES - E-106	
NUMBER	TEXT
1	DISCONNECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS SERVING SHOWER EXHAUST FAN. PROTECT IN PLACE FOR RE-USE IN NEW WORK. EXISTING CONTROLS TO REMAIN IN PLACE (E.G. WALL SWITCH, OCCUPANCY SENSOR). SEE MECHANICAL DRAWINGS FOR FAN REPLACEMENT.
2	RESERVED / NOT USED.
3	REMOVE RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS IN PLACE FOR RE-USE IN NEW WORK. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
4	PROTECT IN-PLACE EXISTING RECESSED LIGHT FIXTURE AT THIS LOCATION. TEMPORARILY SUPPORT FIXTURE IN-PLACE TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT EXISTING BRANCH CIRCUITING AND CONTROL DEVICES FOR RE-USE.
5	TEMPORARILY DISCONNECT AND SALVAGE FOR RE-USE THE EXISTING CEILING SURFACE-MOUNTED DEVICES TO ACCOMMODATE REMOVAL OF EXISTING CEILING IN THIS ROOM. PROTECT ASSOCIATED CABLING IN PLACE FOR RE-USE.
6	DISCONNECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS SERVICE SHOWER EXHAUST FAN. THIS FAN WILL NOT BE REPLACED IN NEW WORK. PROTECT REMAINING PORTION OF CIRCUIT FOR RE-CONNECTION OF ADJACENT EXHAUST FAN IN THIS SAME ROOM IN NEW WORK.



KEY PLAN
SCALE: NTS

ELECTRICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - DEMO
SCALE: 1/8"=1'-0"



SIGNED: 09/22/24



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PROJECT # M2312-01
SITE # 7352
ASSET # 6517352031

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 09/22/24

CAD DWG FILE: E-DP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

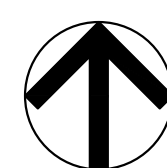
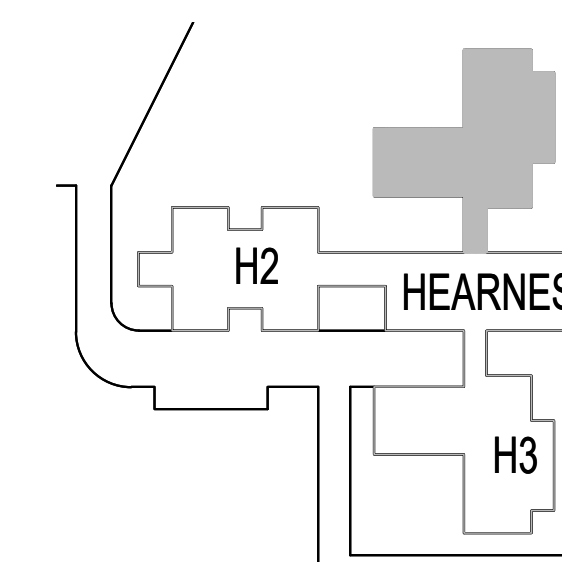
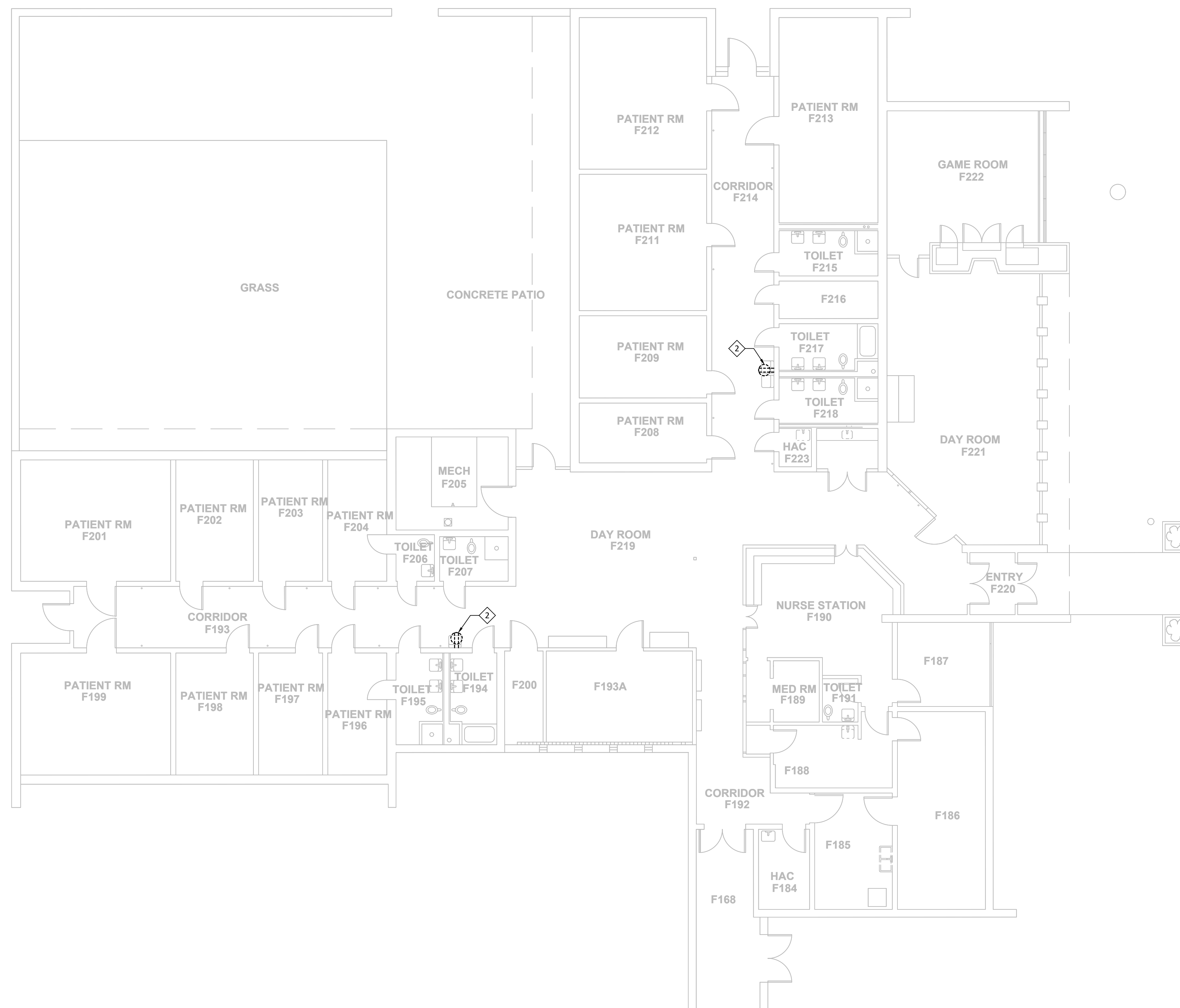
SHEET TITLE:
**ELECTRICAL
HEARNES BUILDING -
H1 - DEMO**

SHEET NUMBER:

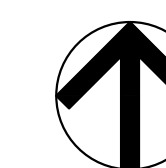
E-107

SHEET 23 OF 66
SEPTEMBER 22, 2024

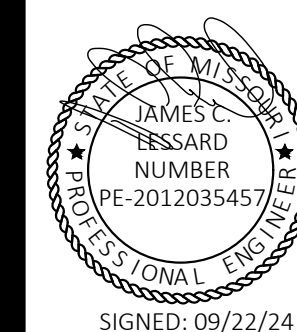
KEYNOTES - E-107	
NUMBER	TEXT
1	RESERVED / NOT USED.
2	REMOVE RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS IN PLACE FOR RE-USE IN NEW WORK. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.



ELECTRICAL HEARNES BUILDING - H1 - DEMO
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS



STATE OF MISSOURI
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FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352031

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-DP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

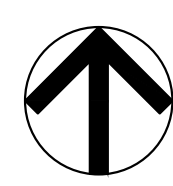
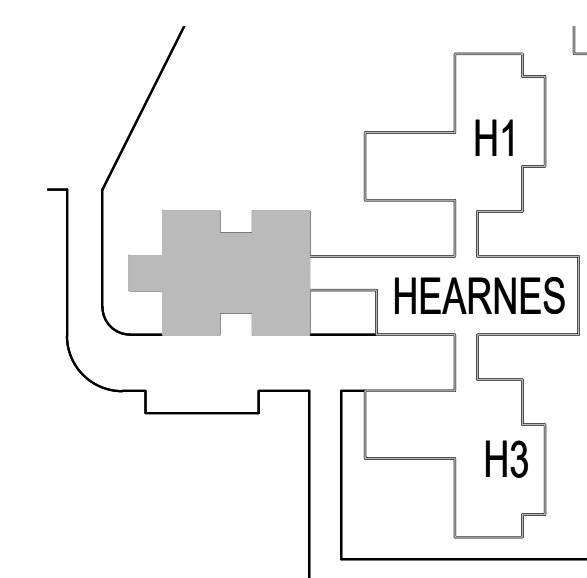
SHEET TITLE:
**ELECTRICAL
HEARNES BUILDING -
H2 - DEMO**

SHEET NUMBER:

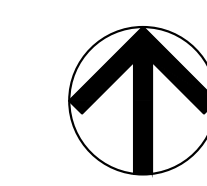
E-108

SHEET 24 OF 66
SEPTEMBER 22, 2024

KEYNOTES - E-108	
NUMBER	TEXT
1	REMOVE RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. PROTECT EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS IN PLACE FOR RE-USE IN NEW WORK. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.

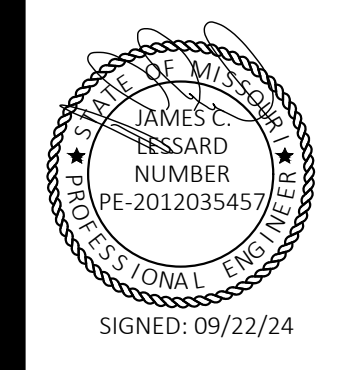
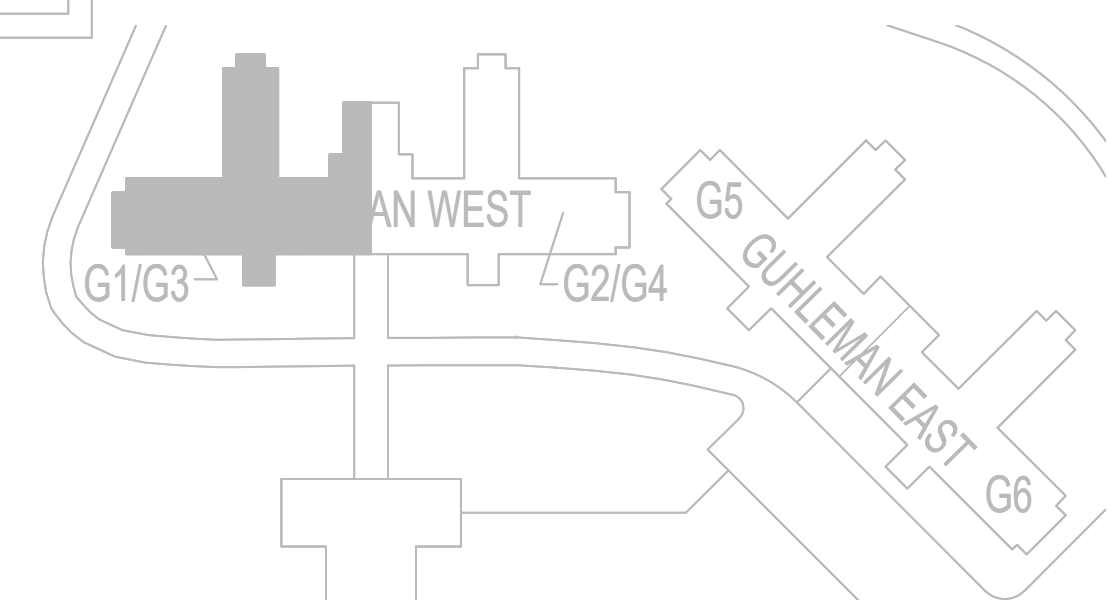
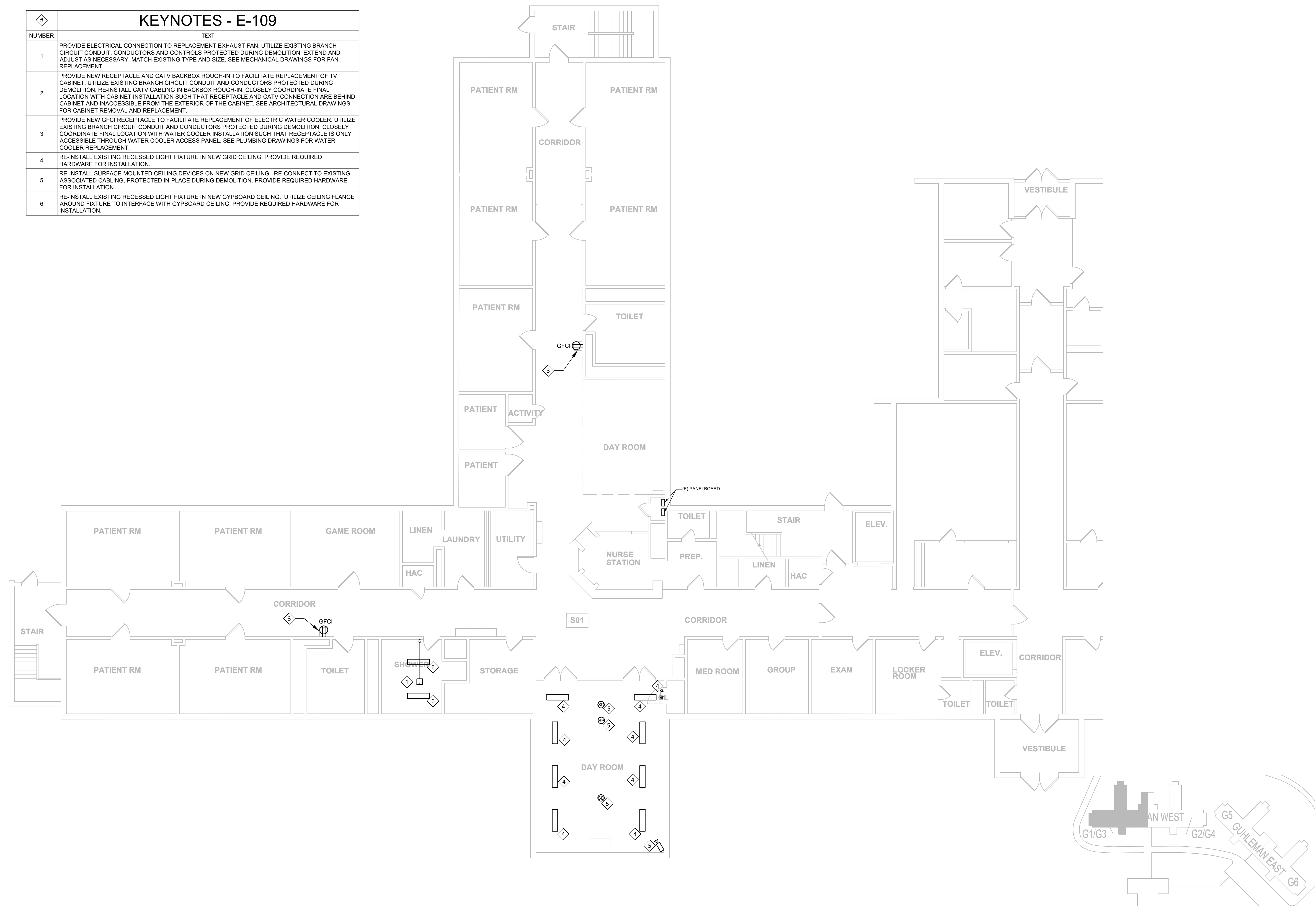


ELECTRICAL HEARNES BUILDING - H2 - DEMO
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS

#	KEYNOTES - E-109
1	PROVIDE ELECTRICAL CONNECTION TO REPLACEMENT EXHAUST FAN. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT, CONDUCTORS AND CONTROLS PROTECTED DURING DEMOLITION. EXTEND AND ADJUST AS NECESSARY. MATCH EXISTING TYPE AND SIZE. SEE MECHANICAL DRAWINGS FOR FAN REPLACEMENT.
2	PROVIDE NEW RECEPTACLE AND CATV BACKBOX ROUGH-IN TO FACILITATE REPLACEMENT OF TV CABINET. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. RE-INSTALL CATV CABLING IN BACKBOX ROUGH-IN. CLOSELY COORDINATE FINAL LOCATION WITH CABINET INSTALLATION SUCH THAT RECEPTACLE AND CATV CONNECTION ARE BEHIND CABINET AND INACCESSIBLE FROM THE EXTERIOR OF THE CABINET. SEE ARCHITECTURAL DRAWINGS FOR CABINET REMOVAL AND REPLACEMENT.
3	PROVIDE NEW GFCI RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. CLOSELY COORDINATE FINAL LOCATION WITH WATER COOLER INSTALLATION SUCH THAT RECEPTACLE IS ONLY ACCESSIBLE THROUGH WATER COOLER ACCESS PANEL. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
4	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GRID CEILING. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
5	RE-INSTALL SURFACE-MOUNTED CEILING DEVICES ON NEW GRID CEILING. RE-CONNECT TO EXISTING ASSOCIATED CABLING, PROTECTED IN-PLACE DURING DEMOLITION. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
6	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GYPBOARD CEILING. UTILIZE CEILING FLANGE AROUND FIXTURE TO INTERFACE WITH GYPBOARD CEILING. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.



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ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

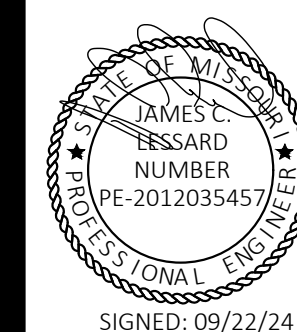
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-FP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

SHEET TITLE:
**ELECTRICAL
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G1 - REMODEL**

SHEET NUMBER:

E-109
SHEET 25 OF 66
SEPTEMBER 22, 2024



SIGNED: 09/22/24



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FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: _____
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REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-FP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

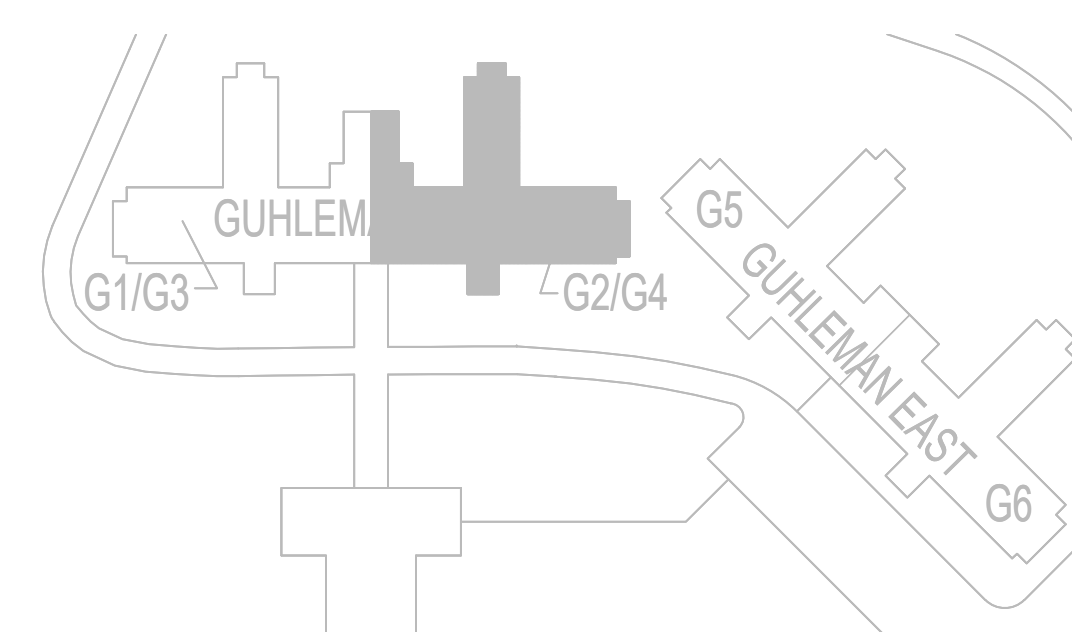
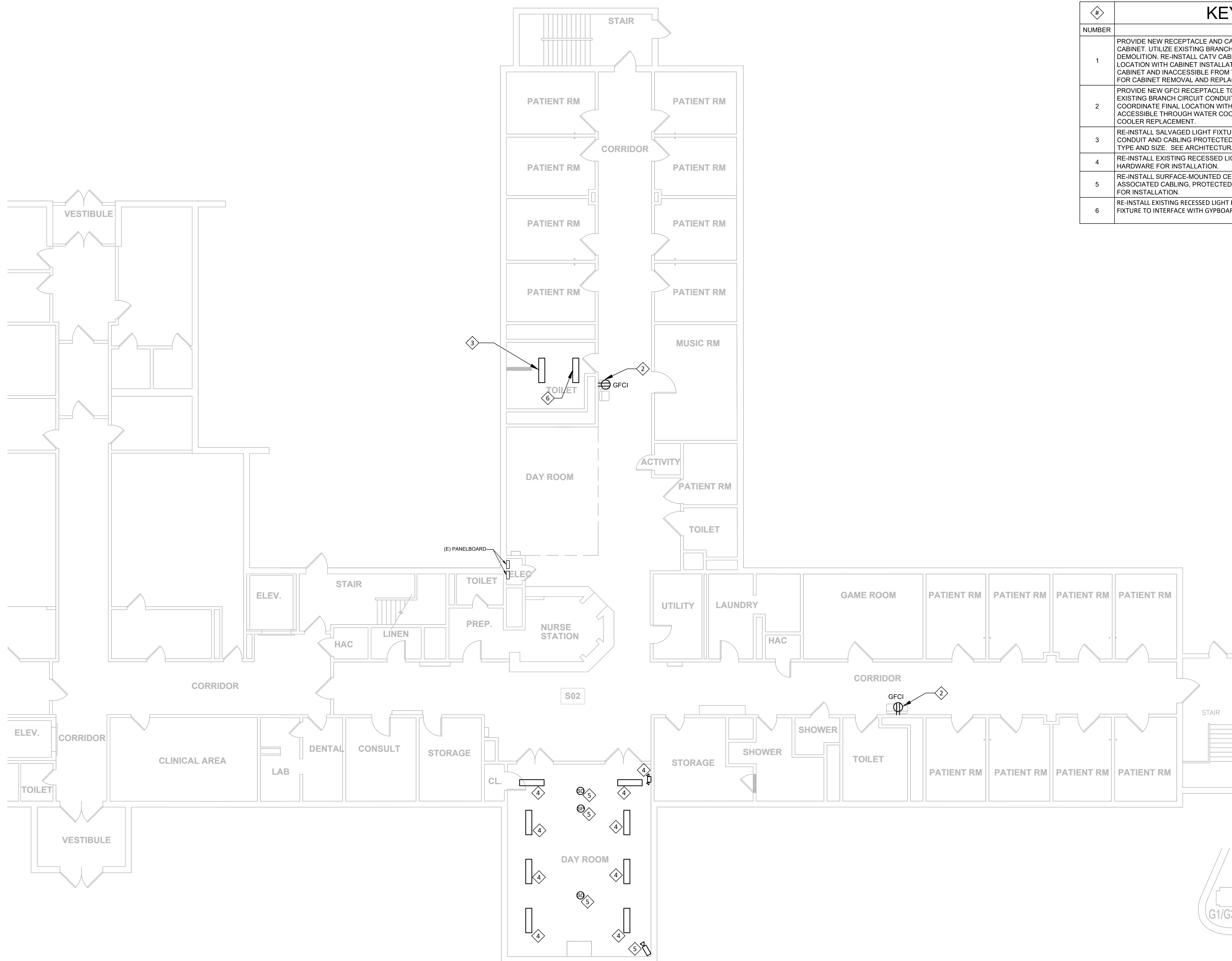
SHEET TITLE:
**ELECTRICAL
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G2 - REMODEL**

SHEET NUMBER:

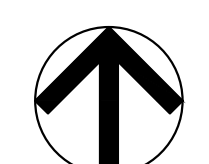
E-110

SHEET 26 OF 66
SEPTEMBER 22, 2024

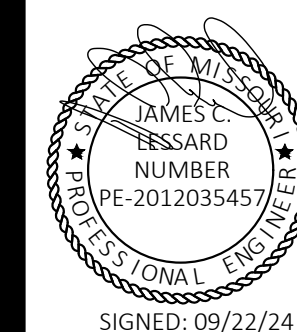
KEYNOTES - E-110	
NUMBER	TEXT
1	PROVIDE NEW RECEPTACLE AND CATV BACKBOX ROUGH-IN TO FACILITATE REPLACEMENT OF TV CABINET. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. RE-INSTALL CATV CABLING IN BACKBOX ROUGH-IN. CLOSELY COORDINATE FINAL LOCATION WITH CABINET INSTALLATION SUCH THAT RECEPTACLE AND CATV CONNECTION ARE BEHIND CABINET AND INACCESSIBLE FROM THE EXTERIOR OF THE CABINET. SEE ARCHITECTURAL DRAWINGS FOR CABINET REMOVAL AND REPLACEMENT.
2	PROVIDE NEW GFCI RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. CLOSELY COORDINATE FINAL LOCATION WITH WATER COOLER INSTALLATION SUCH THAT RECEPTACLE IS ONLY ACCESSIBLE THROUGH WATER COOLER ACCESS PANEL. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
3	RE-INSTALL SALVAGED LIGHT FIXTURE AT LOCATION. RE-CONNECT EXISTING BRANCH CIRCUIT CONDUIT AND CABLING PROTECTED DURING DEMOLITION. EXTEND AS NECESSARY. MATCH EXISTING TYPE AND SIZE. SEE ARCHITECTURAL DRAWINGS FOR WALL EXTENSION TO DECK.
4	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GRID CEILING, PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
5	RE-INSTALL SURFACE-MOUNTED CEILING DEVICES ON NEW GRID CEILING. RE-CONNECT TO EXISTING ASSOCIATED CABLING, PROTECTED IN-PLACE DURING DEMOLITION. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
6	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GYPBOARD CEILING. UTILIZE CEILING FLANGE AROUND FIXTURE TO INTERFACE WITH GYPBOARD CEILING. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.



KEY PLAN
SCALE: NTS



ELECTRICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - REMODEL
SCALE: 1/8"=1'-0"



SIGNED: 09/22/24



STATE OF MISSOURI
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ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-FP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

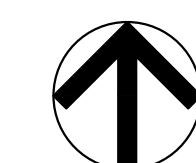
SHEET TITLE:
**ELECTRICAL
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G3 - REMODEL**

SHEET NUMBER:

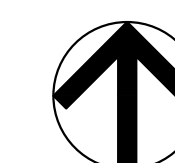
E-111

SHEET 27 OF 66
SEPTEMBER 22, 2024

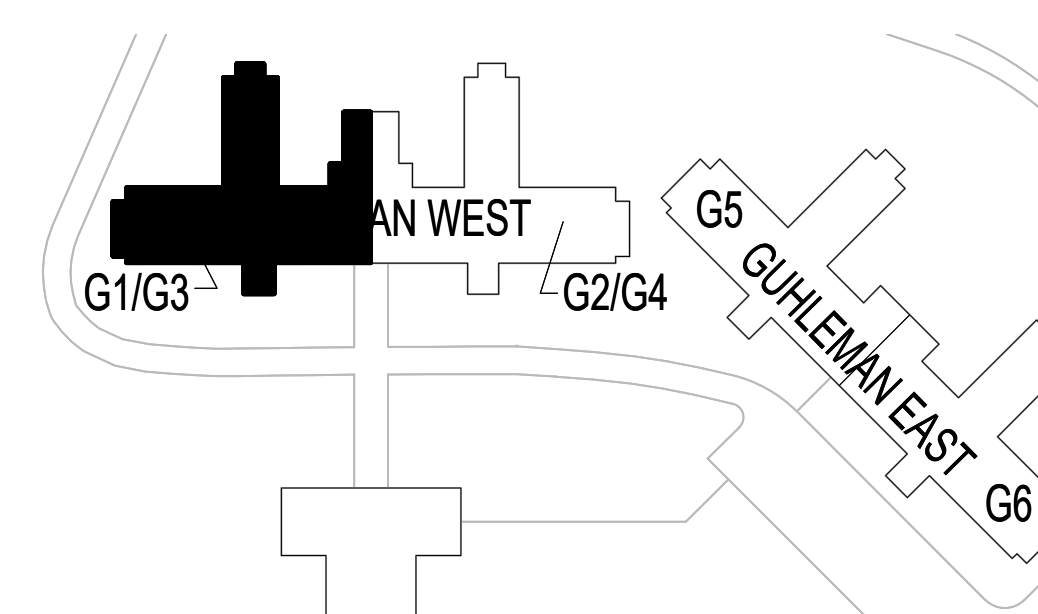
#	KEYNOTES - E-111
NUMBER	TEXT
1	PROVIDE ELECTRICAL CONNECTION TO REPLACEMENT EXHAUST FAN. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT, CONDUCTORS AND CONTROLS PROTECTED DURING DEMOLITION. EXTEND AND ADJUST AS NECESSARY. MATCH EXISTING TYPE AND SIZE. SEE MECHANICAL DRAWINGS FOR FAN REPLACEMENT.
2	RESERVED / NOT USED.
3	PROVIDE NEW GFCI RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. CLOSELY COORDINATE FINAL LOCATION WITH WATER COOLER INSTALLATION SUCH THAT RECEPTACLE IS ONLY ACCESSIBLE THROUGH WATER COOLER ACCESS PANEL. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
4	PROVIDE IN-WALL JUNCTION BOX AT THIS LOCATION TO RE-CONNECT EXISTING CORRIDOR LIGHTING BRANCH CIRCUIT. CLOSELY COORDINATE FINAL LOCATION WITH ARCHITECTURAL WALL MODIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR WALL MODIFICATIONS.
5	PROTECT EXISTING EXIT SIGN TO REMAIN IN PLACE.
6	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GRID CEILING, PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
7	RE-INSTALL SURFACE-MOUNTED CEILING DEVICES ON NEW GRID CEILING. RE-CONNECT TO EXISTING ASSOCIATED CABLING, PROTECTED IN-PLACE DURING DEMOLITION. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
8	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GYPBOARD CEILING. UTILIZE CEILING FLANGE AROUND FIXTURE TO INTERFACE WITH GYPBOARD CEILING. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.

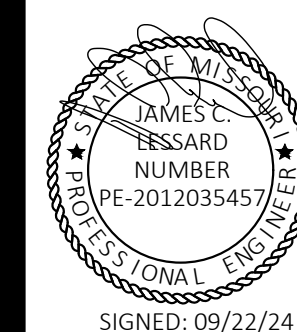


ELECTRICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - REMODEL
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS





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MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-FP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

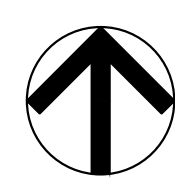
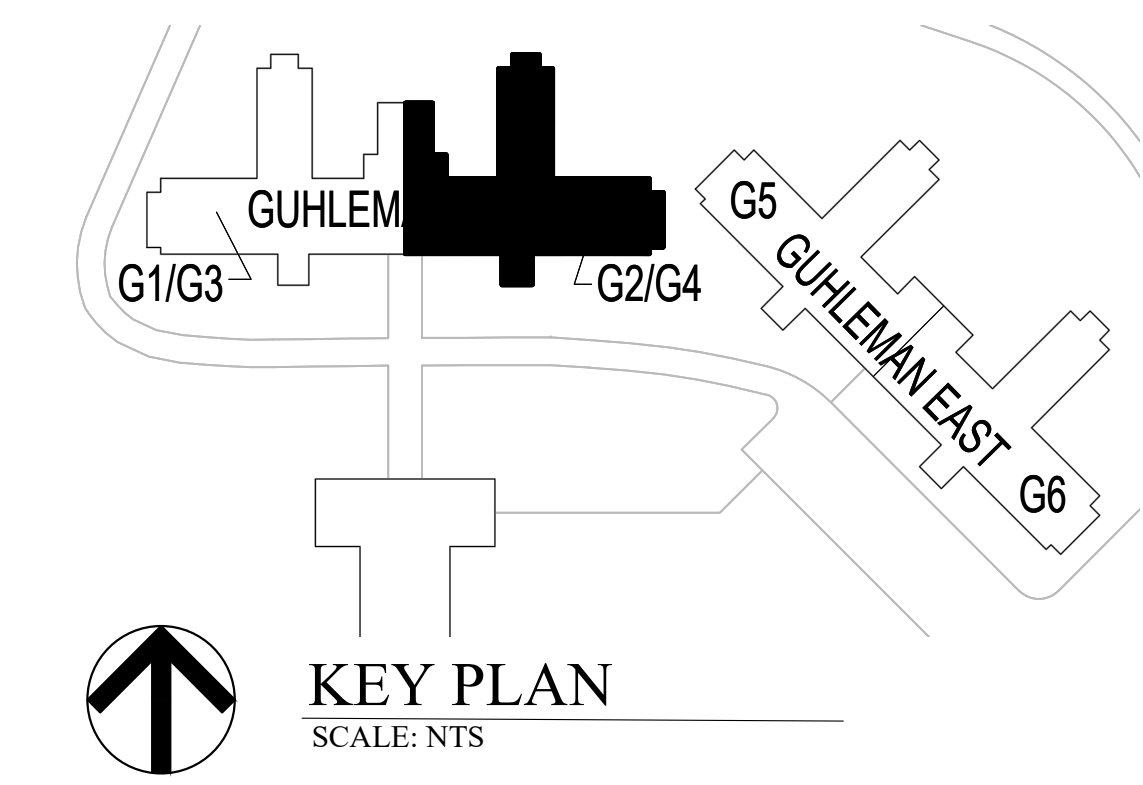
SHEET TITLE:
ELECTRICAL
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G4 - REMODEL

SHEET NUMBER:

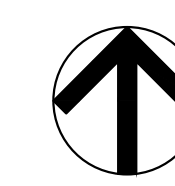
E-112

SHEET 28 OF 66
SEPTEMBER 22, 2024

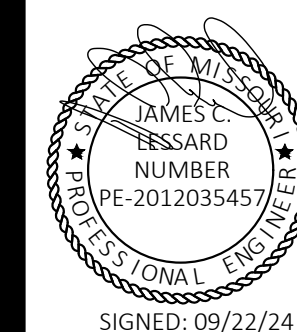
#	KEYNOTES - E-112
NUMBER	TEXT
1	PROVIDE ELECTRICAL CONNECTION TO REPLACEMENT EXHAUST FAN. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT. CONDUCTORS AND CONTROLS PROTECTED DURING DEMOLITION. EXTEND AND ADJUST AS NECESSARY. MATCH EXISTING TYPE AND SIZE. SEE MECHANICAL DRAWINGS FOR FAN REPLACEMENT.
2	RESERVED / NOT USED.
3	PROVIDE NEW GFCI RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. CLOSELY COORDINATE FINAL LOCATION WITH WATER COOLER INSTALLATION SUCH THAT RECEPTACLE IS ONLY ACCESSIBLE THROUGH WATER COOLER ACCESS PANEL. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
4	PROVIDE IN-WALL JUNCTION BOX AT THIS LOCATION TO RE-CONNECT EXISTING CORRIDOR LIGHTING BRANCH CIRCUIT. CLOSELY COORDINATE FINAL LOCATION WITH ARCHITECTURAL WALL MODIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR WALL MODIFICATIONS.
5	PROTECT EXISTING EXIT SIGN TO REMAIN IN PLACE.
6	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GRID CEILING, PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
7	RE-INSTALL SURFACE-MOUNTED CEILING DEVICES ON NEW GRID CEILING. RE-CONNECT TO EXISTING ASSOCIATED CABLING, PROTECTED IN-PLACE DURING DEMOLITION. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
8	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GYPBOARD CEILING. UTILIZE CEILING FLANGE AROUND FIXTURE TO INTERFACE WITH GYPBOARD CEILING. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.



ELECTRICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - REMODEL
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

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MANAGEMENT,
DESIGN AND CONSTRUCTION

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-FP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

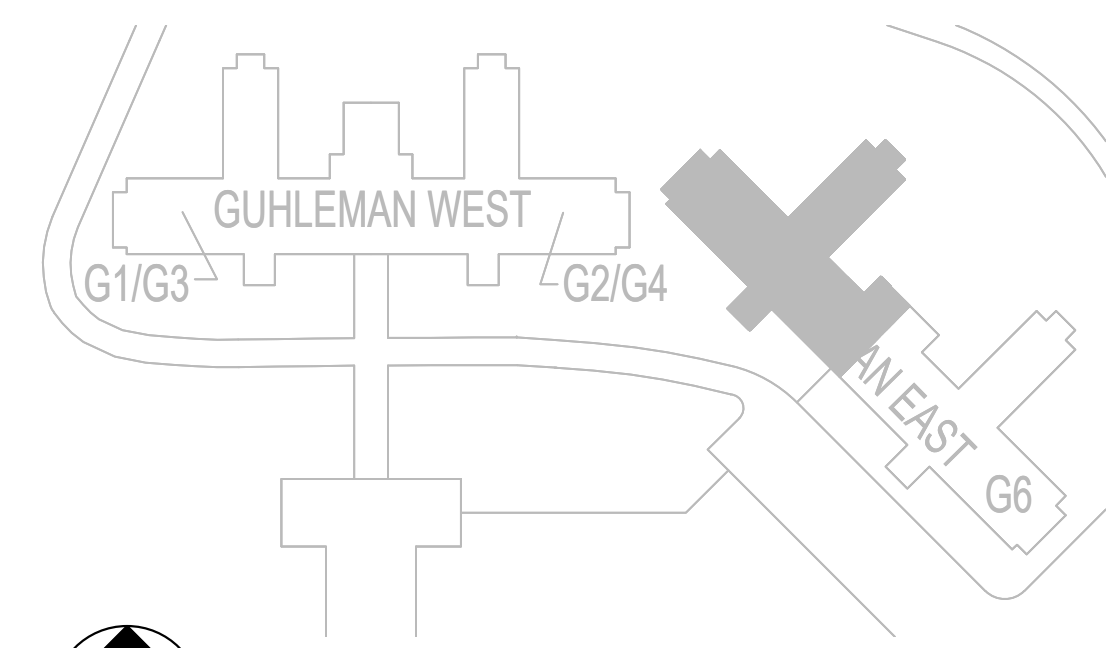
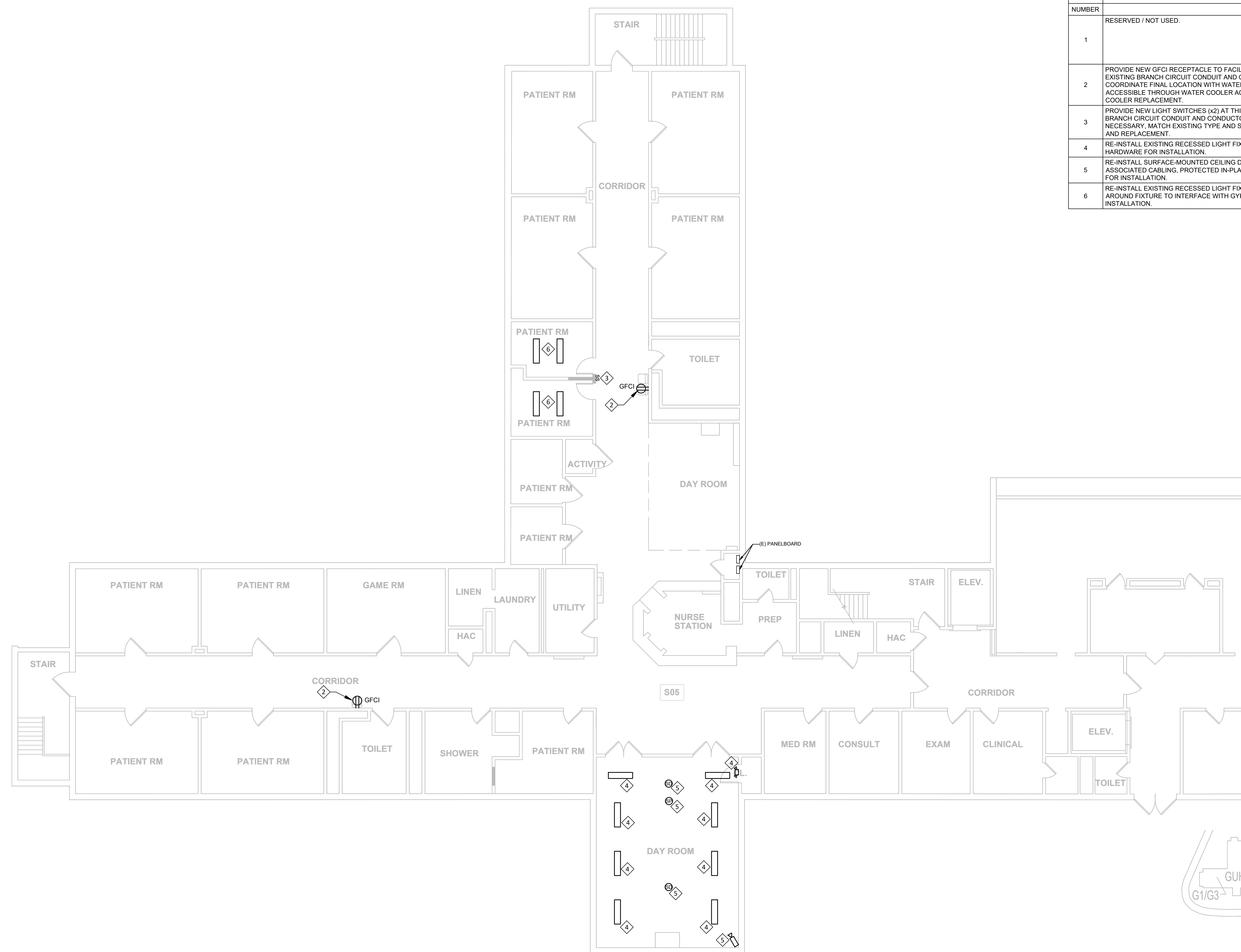
SHEET TITLE:
**ELECTRICAL
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G5 - REMODEL**

SHEET NUMBER:

E-113

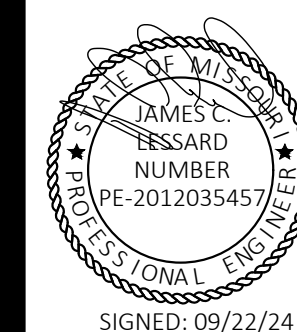
SHEET 29 OF 66
SEPTEMBER 22, 2024

#	KEYNOTES - E-113
NUMBER	TEXT
1	RESERVED / NOT USED.
2	PROVIDE NEW GFCI RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. CLOSELY COORDINATE FINAL LOCATION WITH WATER COOLER INSTALLATION SUCH THAT RECEPTACLE IS ONLY ACCESSIBLE THROUGH WATER COOLER ACCESS PANEL. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
3	PROVIDE NEW LIGHT SWITCHES (x2) AT THIS LOCATION IN NEW WALL. RE-CONNECT EXISTING EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. EXTEND AS NECESSARY. MATCH EXISTING TYPE AND SIZE. SEE ARCHITECTURAL DRAWINGS FOR WALL REMOVAL AND REPLACEMENT.
4	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GRID CEILING. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
5	RE-INSTALL SURFACE-MOUNTED CEILING DEVICES ON NEW GRID CEILING. RE-CONNECT TO EXISTING ASSOCIATED CABLING, PROTECTED IN-PLACE DURING DEMOLITION. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
6	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GYPBOARD CEILING. UTILIZE CEILING FLANGE AROUND FIXTURE TO INTERFACE WITH GYPBOARD CEILING. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.



KEY PLAN
SCALE: NTS

ELECTRICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G5 - REMODEL
SCALE: 1/8"=1'-0"



SIGNED: 09/22/24



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

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ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-FP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

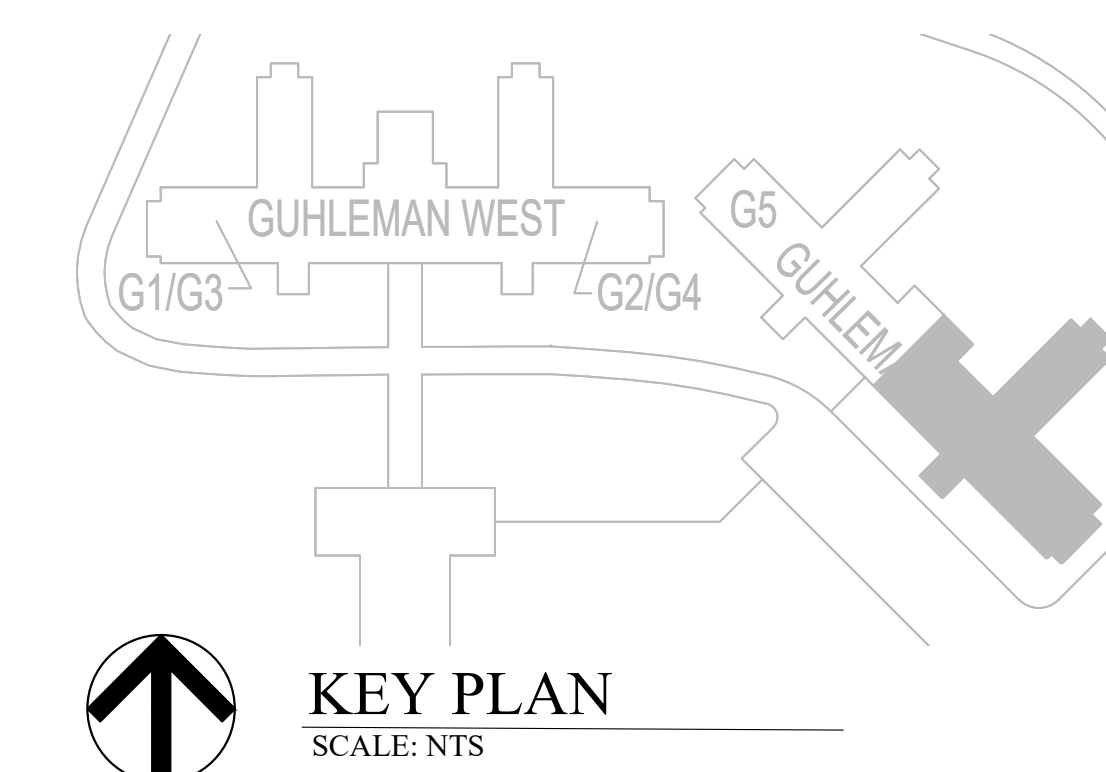
SHEET TITLE:
**ELECTRICAL
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G6 - REMODEL**

SHEET NUMBER:

E-114

SHEET 30 OF 66
SEPTEMBER 22, 2024

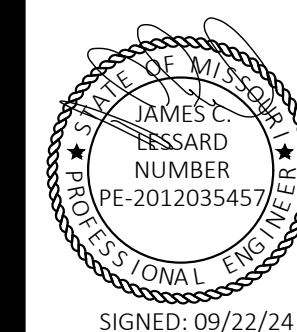
#	KEYNOTES - E-114
NUMBER	TEXT
1	PROVIDE ELECTRICAL CONNECTION TO REPLACEMENT EXHAUST FAN. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT. CONDUCTORS AND CONTROLS PROTECTED DURING DEMOLITION. EXTEND AND ADJUST AS NECESSARY. MATCH EXISTING TYPE AND SIZE. SEE MECHANICAL DRAWINGS FOR FAN REPLACEMENT.
2	RESERVED / NOT USED.
3	PROVIDE NEW GFCI RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. CLOSELY COORDINATE FINAL LOCATION WITH WATER COOLER INSTALLATION SUCH THAT RECEPTACLE IS ONLY ACCESSIBLE THROUGH WATER COOLER ACCESS PANEL. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.
4	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GRID CEILING. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
5	RE-INSTALL SURFACE-MOUNTED CEILING DEVICES ON NEW GRID CEILING. RE-CONNECT TO EXISTING ASSOCIATED CABLING, PROTECTED IN-PLACE DURING DEMOLITION. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.
6	RE-INSTALL EXISTING RECESSED LIGHT FIXTURE IN NEW GYPSBOARD CEILING. UTILIZE CEILING FLANGE AROUND FIXTURE TO INTERFACE WITH GYPSBOARD CEILING. PROVIDE REQUIRED HARDWARE FOR INSTALLATION.



ELECTRICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - REMODEL
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

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ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352031

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-FP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

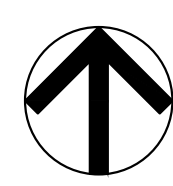
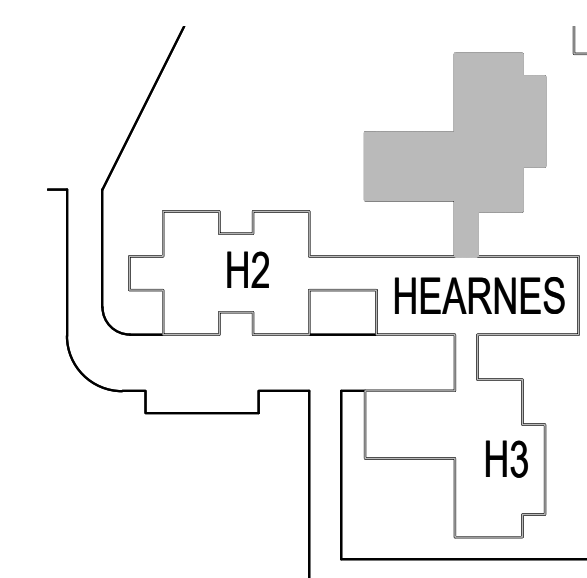
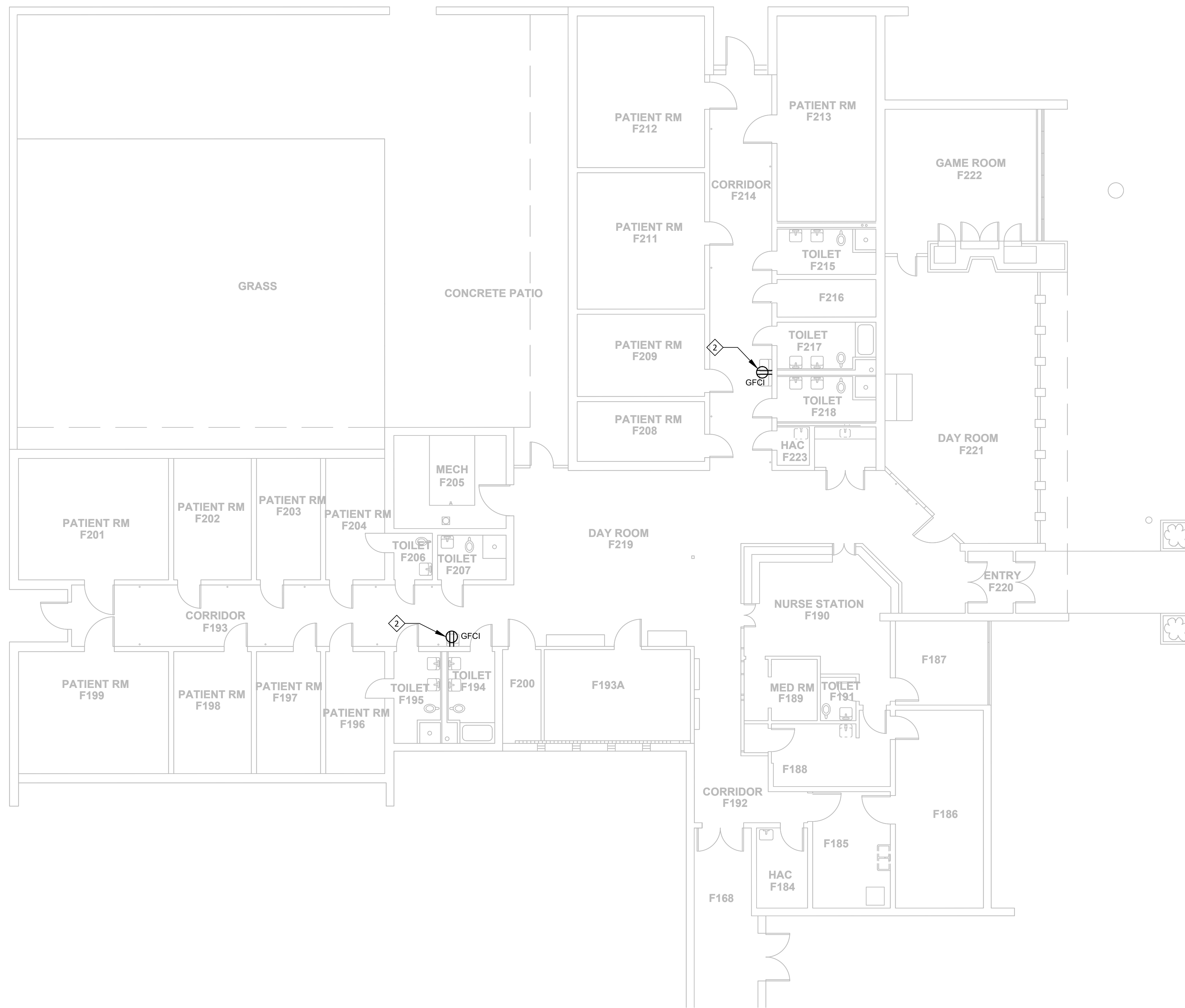
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**ELECTRICAL
HEARNES BUILDING -
H1 - REMODEL**

SHEET NUMBER:

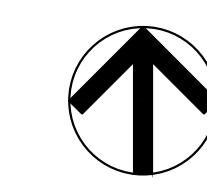
E-115

SHEET 31 OF 66
SEPTEMBER 22, 2024

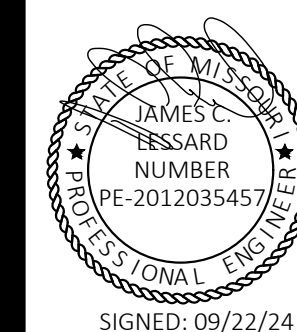
KEYNOTES - E-115	
NUMBER	TEXT
1	RESERVED / NOT USED.
2	PROVIDE NEW GFCI RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. CLOSELY COORDINATE FINAL LOCATION WITH WATER COOLER INSTALLATION SUCH THAT RECEPTACLE IS ONLY ACCESSIBLE THROUGH WATER COOLER ACCESS PANEL. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.



ELECTRICAL HEARNES BUILDING - H1 - REMODEL
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

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DIVISION OF FACILITIES
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ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352031

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: E-FP-01
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

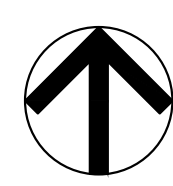
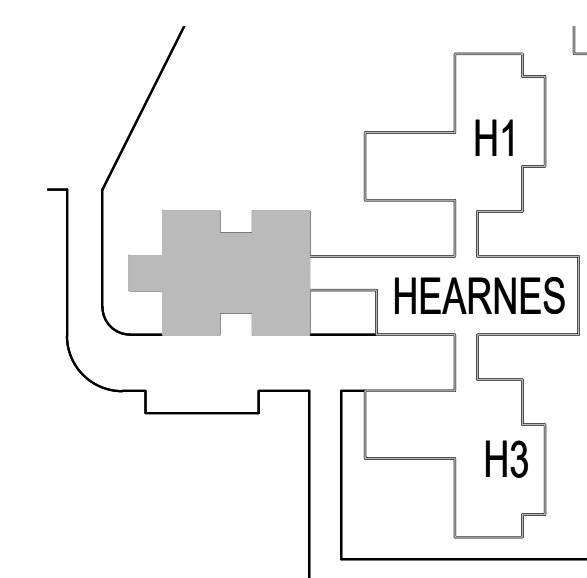
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**ELECTRICAL
HEARNES BUILDING -
H2 - REMODEL**

SHEET NUMBER:

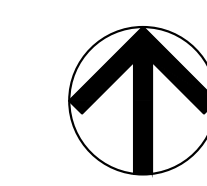
E-116

SHEET 32 OF 66
SEPTEMBER 22, 2024

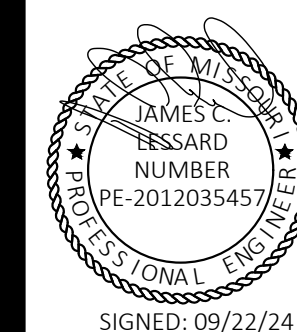
KEYNOTES - E-116	
NUMBER	TEXT
1	PROVIDE NEW GFCI RECEPTACLE TO FACILITATE REPLACEMENT OF ELECTRIC WATER COOLER. UTILIZE EXISTING BRANCH CIRCUIT CONDUIT AND CONDUCTORS PROTECTED DURING DEMOLITION. CLOSELY COORDINATE FINAL LOCATION WITH WATER COOLER INSTALLATION SUCH THAT RECEPTACLE IS ONLY ACCESSIBLE THROUGH WATER COOLER ACCESS PANEL. SEE PLUMBING DRAWINGS FOR WATER COOLER REPLACEMENT.



ELECTRICAL HEARNES BUILDING - H2 - REMODEL
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS



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CERTIFICATE OF AUTHORITY #2018019473

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DESIGN AND CONSTRUCTION**

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026, 6517352027,
6517352031

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 09/22/24

CAD DWG FILE: E-601
DRAWN BY: RUM
CHECKED BY: JCL
DESIGNED BY: JCL

SHEET TITLE:
**ELECTRICAL
SCHEDULES**

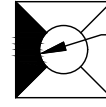
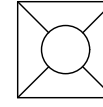
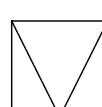
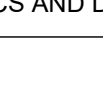
SHEET NUMBER:

E-601

SHEET 33 OF 66
SEPTEMBER 22, 2024

LIGHTING FIXTURE SCHEDULE													
LAMP:			BALLAST TYPE:					MOUNTING:					
LED	LIGHT EMITTING DIODE	0-10V	0-10V DIMMING	CL	CEILING SURFACE	FR	FLANGED RECESSED						
FL	FLUORESCENT	DMX	DIGITAL MULTIPLEX	RE	RECESSED	SP	SUSOENDED						
HL	HALOGEN	EB	ELECTRONIC BALLAST	CV	COVE	SU	SURFACE						
HPS	HIGH PRESSURE	EM	EMERGENCY BATTERY	PL	POLE	UC	UNDER CABINER						
IN	INCANDESCENT	ELV	ELECTRONIC LOW VOLTAGE	WL	WALL								
O	OTHER (SEE DESC)			P	PERIMETER								

TAG NAME	DESCRIPTION	DIMENSIONS				ELECTRICAL					MOUNTING	DIST./MANUF.	DETAIL REFERENCE	
		LENGTH	WIDTH	DEAPTH	HEIGHT	LAMP	BALLAST TYPE	VOLTAGE	VA	LUMENS				CRI
F1	RECESSED ANTI-LIGATURE TYPE, 1X4 LED FIXTURE. NOTES: COORDINATE LIGHTING FIXTURE FRAME TYPE WITH CEILING CONSTRUCTION.	4' - 0"	1' - 0"	0' - 1 1/8"		LED	0-10V	MV	50 VA	5500 LM	4K	RE	NEW STAR 37M14 SERIES OR APPROVED EQUAL	REFER TO MANUFACTURER CUTSHEET.

LINETYPE/SYMBOL	DESCRIPTION
 DIFFUSER BLANKOFF	RECTANGULAR FOUR-WAY OUTLET, SUPPLY DIFFUSER
 TAG NAME INLET (IN.)/CFM	DIFFUSER/GRILLE TAG
 DIRECTION OF AIRFLOW	DIRECTION OF AIRFLOW
 ACCESS PANEL OR ROOF HATCH	ACCESS PANEL OR ROOF HATCH

- NOTES:
 1. NOT ALL SYMBOLS MAY APPLY.
 2. SEE SPECS AND DRAWINGS FOR SPECIFIC COMPONENT REQUIREMENTS.

ABBREVIATION	DESCRIPTION
EA	EXHAUST AIR/RELIEF AIR
MA	MAKEUP AIR
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
TA	TRANSFER AIR
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AMB	AMBIENT TEMPERATURE
BD	BACKDRAFT DAMPER
DIA, Ø	DIAMETER
DN	DOWN
DTR	DOWN THRU ROOF
EAT	ENTERING AIR TEMPERATURE
EGE	EXISTING EXHAUST AIR GRILLE
FT, '	FOOT OR FEET
GA	GAGE OR GAUGE
GR	GRAINS
HD	HEAD (PRESSURE)
ID	DIAMETER, INSIDE
IN, "	INCH OR INCHES
LAT	LEAVING AIR TEMPERATURE
LF	LINEAR FOOT OR LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO, #	NUMBER
NTS	NOT TO SCALE
OD	DIAMETER, OUTSIDE
PD	PRESSURE DROP
PPM	PARTS PER MILLION
RGE	EXISTING RETURN AIR GRILLE
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
RTU	ROOFTOP UNIT
SDE	EXISTING SUPPLY AIR DIFFUSER
SP	STATIC PRESSURE
SPEC	SPECIFICATION
TAB	TESTING, ADJUSTING, AND BALANCING
TG	TRANSFER GRILLE
TSP	TOTAL STATIC PRESSURE
TU	TERMINAL UNIT
TYP	TYPICAL
UTR	UP THRU ROOF
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
WB	WET-BULB TEMPERATURE

- NOTES:
 1. NOT ALL ABBREVIATIONS MAY APPLY.
 2. MECHANICAL SCHEDULES CONTAIN EQUIPMENT TAG ABBREVIATIONS THAT ARE HEREBY INCORPORATED INTO THE ABBREVIATION LIST.
 3. SEE OTHER DISCIPLINE DRAWINGS WITHIN THE CONSTRUCTION DOCUMENTS FOR ABBREVIATIONS NOT DEFINED ABOVE OR IN MECHANICAL SCHEDULES.

- ### GENERAL NOTES:
- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
 - REVIEW ALL PROJECT DOCUMENTS INCLUDING SPECS AND DRAWINGS PERTAINING TO ALL DISCIPLINES PRIOR TO SUBMITTING A BID. SUBMIT PRE-BID REQUEST FOR INFORMATION FOR ITEMS IN QUESTION AND/OR CONFLICTS FOUND.
 - DRAWINGS SHOW THE DESIGN INTENT DIAGRAMMATICALLY. THEY DO NOT SHOW THE EXACT UTILITY ROUTING NOR EVERY ELBOW, OFFSET, ETC. WHERE REQUIRED, THE CONTRACTOR SHALL MAKE ADJUSTMENTS TO THEIR SYSTEMS TO AVOID CONFLICT WITH THE STRUCTURE AND OTHER DISCIPLINES. THE COST FOR SUCH ADJUSTMENTS SHALL BE INCLUDED IN THE BID.
 - OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR WORK PERFORMED.
 - THE CONTRACTOR TEAM SHALL LEAD THE SUBCONTRACTORS IN PROVIDING A COORDINATED SET OF SHOP DRAWINGS. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.
 - COORDINATE FRAMING REQUIREMENTS FOR ACCESS PANELS AND EQUIPMENT/PANEL SUPPORTS WITH THE CONTRACTOR PRIOR TO SUBMITTING BID.
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE CORRECTION OF CONSTRUCTION DEFICIENCIES LISTED ON THE JOB SITE OBSERVATION REPORT. RETURN THE JOB SITE OBSERVATION REPORT TO A/E WITH DEFICIENCIES SIGNED OFF. PROVIDE PHOTOGRAPHIC AND/OR VIDEO EVIDENCE OF CORRECTED DEFICIENCIES IF REQUESTED BY THE ENGINEER.
 - PROVIDE CLOSEOUT DOCUMENTATION UPON COMPLETION OF PROJECT. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.
 - RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 85% OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE. UTILIZE A WASTE MANAGEMENT COMPANY THAT CAN PROVIDE VERIFIABLE DOCUMENTATION THAT THE PERCENTAGE OF CONSTRUCTION AND DEMOLITION WASTE MATERIAL DIVERTED FROM THE LANDFILL COMPLIES WITH CODE. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.

- ### MECHANICAL NOTES:
- MECHANICAL WORK SHALL BE CONSTRUCTED IN A PROFESSIONAL MANNER. COMPONENTS SHALL BE CLEANED PRIOR TO OWNER TURNOVER.
 - THE SCHEDULED EQUIPMENT SHALL BE USED AS THE BASIS OF DESIGN. MODEL NUMBERS ARE PROVIDED FOR REFERENCE ONLY. EQUIPMENT SHALL MEET SPECIFIED PERFORMANCE. THE CONTRACTOR SHALL IDENTIFY ALL SELECTED OPTIONS IN THE SUBMITTAL.
 - IF A CONTRACTOR PROVIDES EQUIPMENT OTHER THAN THE BASIS OF DESIGN, THAT CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED AS A RESULT. THAT INCLUDES, BUT IS NOT LIMITED TO, AGENCY FEES FOR REVIEW OF CHANGES, STRUCTURAL MODIFICATIONS FOR INCREASED WEIGHT, AND ELECTRICAL EQUIPMENT, WIRING, CONDUIT, AND BREAKER CHANGES FOR DIFFERENT ELECTRICAL REQUIREMENTS.
 - COORDINATE POWER REQUIREMENTS WITH THE CONTRACTOR PRIOR TO PROVIDING SUBMITTALS TO THE ENGINEER.
 - SEE SPEC SECTION 23 3100 FOR DUCT INSTALLATION, AND TESTING REQUIREMENTS.
 - INSULATION SHALL BE PROVIDED CONTINUOUS THROUGHOUT THE DUCTWORK SYSTEM INCLUDING AT HANGERS/SUPPORTS, FITTINGS, AND ACCESSORIES. OPENINGS SHALL BE PROVIDED TO ALLOW FOR VALVE HANDLE OPERATION AND ACCESS. INSULATION THICKNESS SHALL MEET THE LISTED ENERGY CODE MINIMUM REQUIREMENTS. SEE SPEC SECTION 23 0713 FOR SYSTEMS REQUIRING INSULATION AND ADDITIONAL INSTALLATION REQUIREMENTS.

- ### RENOVATION NOTES:
- DEMOLITION WORK SHALL BE PERFORMED AS DESCRIBED WITHIN SPEC SECTION 23 0505 AND THE DRAWINGS.
 - THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID SUBMISSION TO VERIFY ALL FIELD CONDITIONS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - LOCATIONS OF EXISTING MECHANICAL SYSTEMS.
 - LOCATIONS OF ARCHITECTURAL, STRUCTURAL, ELECTRICAL, PLUMBING, TECHNOLOGY, FIRE PROTECTION, AND FIRE ALARM SYSTEMS.
 - EXISTING SURFACES WHICH REQUIRE ALTERING.
 - NOTIFY OWNER OF REQUIRED SYSTEM SHUTDOWNS AT LEAST TWO WEEKS PRIOR TO SHUTDOWN. EXACT SHUTDOWN TIME AND PROCEDURE SHALL BE COORDINATED WITH OWNER AT LEAST 96 HOURS PRIOR TO SHUTDOWN.
 - WHEN DUCTWORK IS NOTATED TO BE PERMANENTLY REMOVED THEIR ASSOCIATED COMPONENTS SHALL ALSO BE REMOVED INCLUDING HANGERS, SUPPORTS, AND ACCESSORIES.
 - COORDINATE THE DISCONNECTION AND REMOVAL OF POWERED SYSTEMS WITH THE CONTRACTOR. WHEN REMOVING POWERED MECHANICAL EQUIPMENT.
 - REPAIR WALLS, AND CEILINGS IN ALTERED AREAS TO MATCH EXISTING. SEE ARCHITECTURAL PLANS FOR FINISH DETAILS IN REMODEL AREAS.
 - TAB CONTRACTOR SHALL BALANCE SUPPLY AIR AND EXHAUST AIR GRILLES TO VALUES SHOWN ON DRAWINGS. SUBMIT TAB REPORT TO A/E FOR REVIEW. SEE SPEC SECTION 23 0593 FOR ADDITIONAL INFORMATION.

MECHANICAL SHEET INDEX:

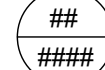
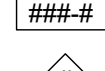
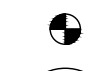

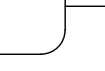
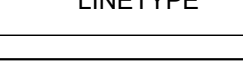

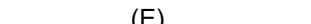
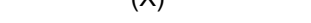
Sheet Number	Sheet Name
M-001	MECHANICAL COVER SHEET
M-101	MECHANICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G1 - DEMO
M-102	MECHANICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - DEMO
M-103	MECHANICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - DEMO
M-104	MECHANICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - DEMO
M-105	MECHANICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G5 - DEMO
M-106	MECHANICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - DEMO
M-107	MECHANICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - REMODEL
M-108	MECHANICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - REMODEL
M-109	MECHANICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - REMODEL
M-110	MECHANICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - REMODEL
M-111	MECHANICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G5 - REMODEL
M-112	MECHANICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - REMODEL
M-601	MECHANICAL SCHEDULES/DETAILS

CODES AND STANDARDS:

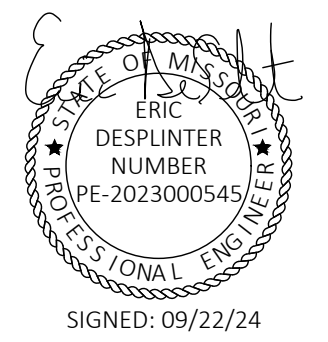
EDITION	REFERENCE CODE/STANDARD
2010	AMERICANS WITH DISABILITIES ACT (ADAAG)
2021	INTERNATIONAL BUILDING CODE, (IBC)
2023	NATIONAL ELECTRICAL CODE, (NEC)
2021	INTERNATIONAL MECHANICAL CODE, (IMC)
2021	INTERNATIONAL PLUMBING CODE, (IPC)
2021	NATIONAL LIFE SAFETY CODE, (NFPA 101)
2022	ENERGY EFFICIENCY STANDARD, (ASHRAE 90.1)

NFPA-NATIONAL FIRE PROTECTION AGENCY

GENERAL LEGEND:

SYMBOL	DESCRIPTION
	DETAIL CALL-OUT SYMBOL
	EQUIPMENT TAG
	KEYNOTE SYMBOL
	POINT OF CONNECTION OR DISCONNECTION
	SECTION CUT CALL-OUT SYMBOL
	ENLARGED PLAN CALL-OUT SYMBOL
LINETYPE	DESCRIPTION
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	NEW CONSTRUCTION
(E)	EXISTING TO REMAIN
(X)	EXISTING TO BE REMOVED

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ANTI-LIGATURE UPGRADES
 MULTIPLE ASSETS
 FULTON STATE HOSPITAL
 FULTON, MISSOURI

PROJECT # M2312-01
 SITE # 7352
 ASSET # 6517352026, 6517352027,
 6517352031

REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____

ISSUE DATE: 09/22/24

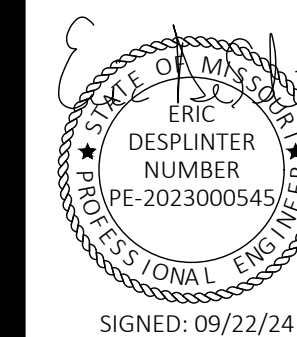
CAD DWG FILE: M-001
 DRAWN BY: BST
 CHECKED BY: EMD
 DESIGNED BY: BST

SHEET TITLE:
MECHANICAL COVER SHEET

SHEET NUMBER:

M-001

SHEET 34 OF 66
 SEPTEMBER 22, 2024



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FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: M-DP-01
DRAWN BY: BST
CHECKED BY: EMD
DESIGNED BY: BST

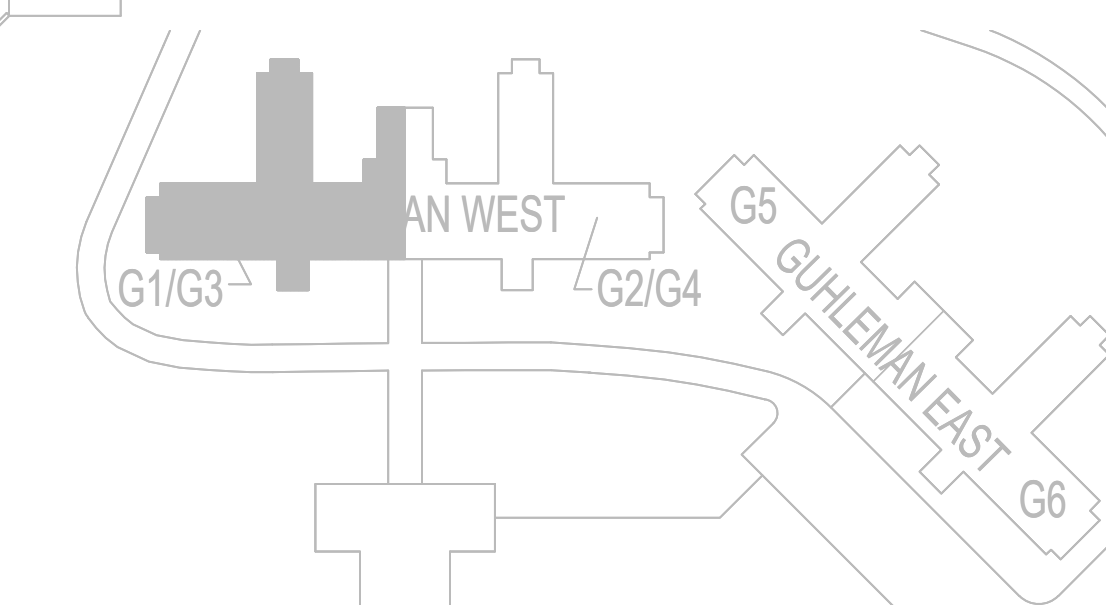
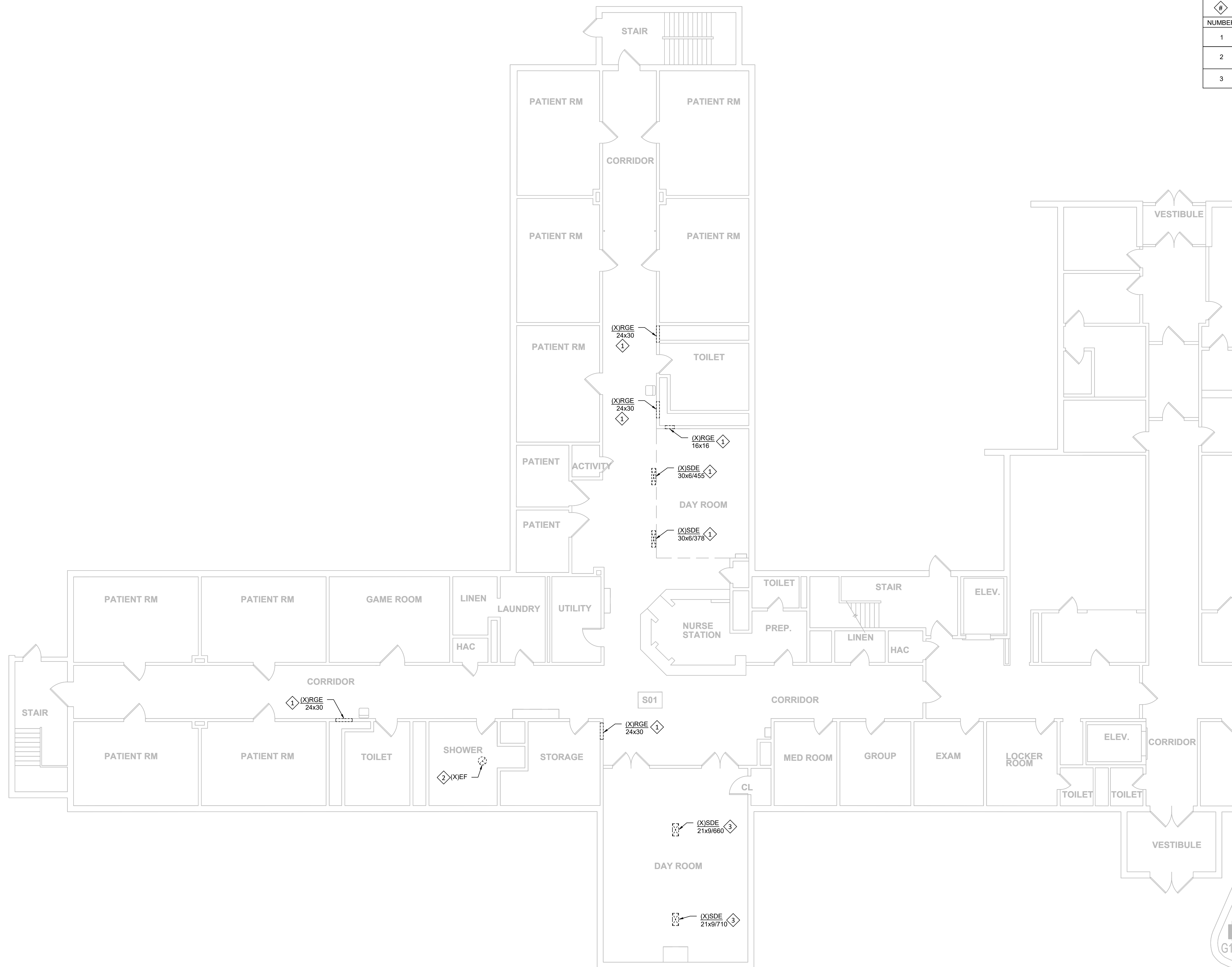
SHEET TITLE:
**MECHANICAL
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G1 - DEMO**

SHEET NUMBER:

M-101

SHEET 35 OF 66
SEPTEMBER 22, 2024

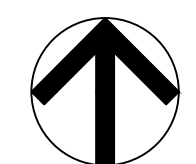
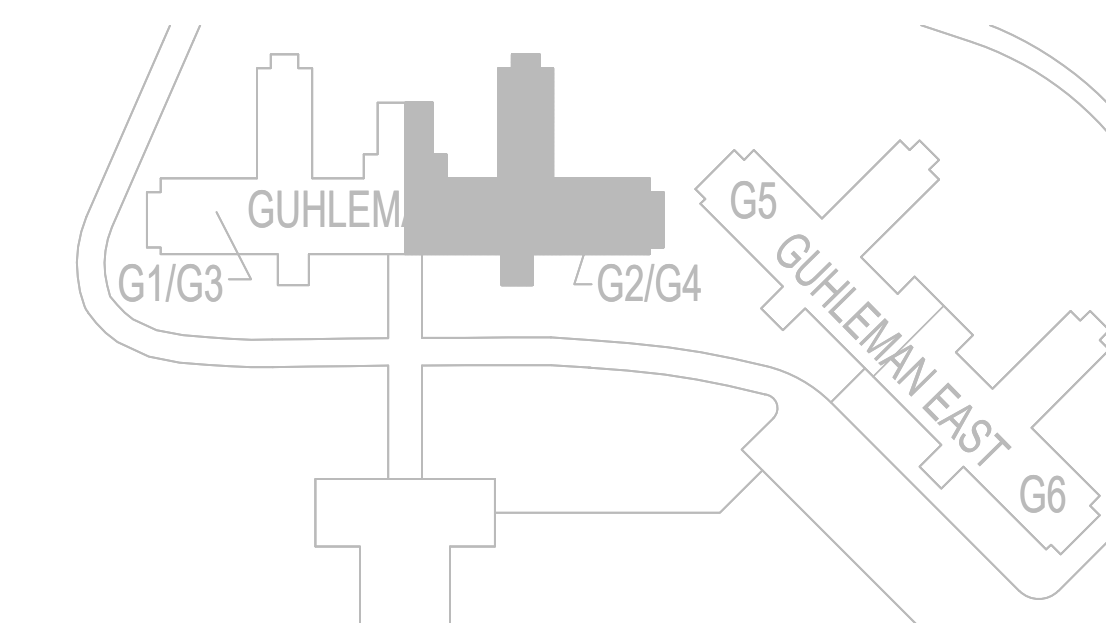
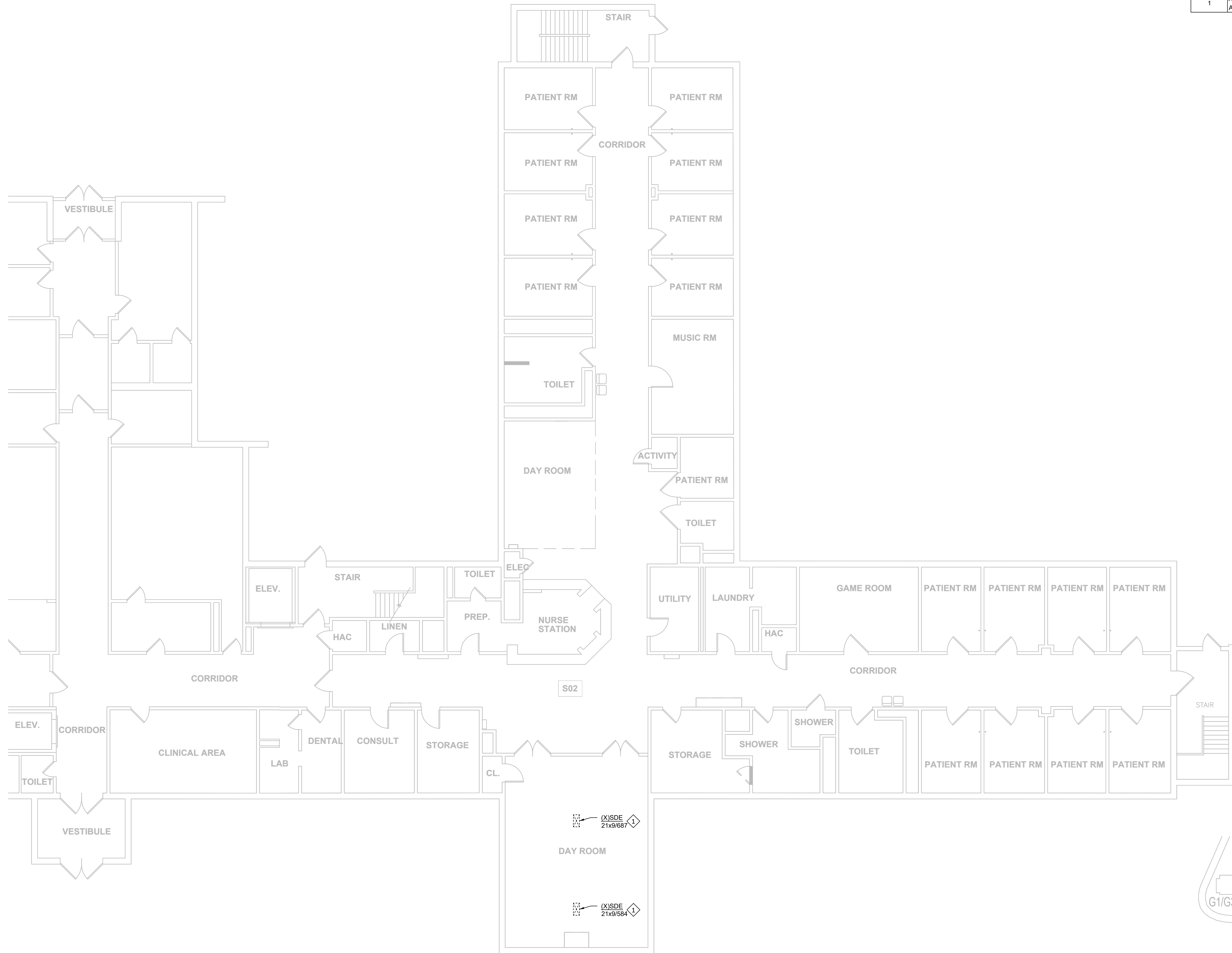
NUMBER	TEXT
1	REMOVE EXISTING DIFFUSER/GRILLE AND PREPARE FOR NEW CONNECTION.
2	DISCONNECT EXISTING DUCTWORK AND CAREFULLY REMOVE EXISTING CEILING-MOUNTED EXHAUST FAN. PREPARE FOR NEW INSTALLATION.
3	REMOVE EXISTING DIFFUSER AND 21x9 DUCT AS REQUIRED TO ACCOMMODATE THE REMODEL WORK.



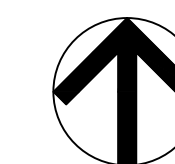
KEY PLAN
SCALE: NTS

MECHANICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G1 - DEMO
SCALE: 1/8"=1'-0"

KEYNOTES - M-102	
NUMBER	TEXT
1	REMOVE EXISTING DIFFUSER AND 21x9 DUCT AS REQUIRED TO ACCOMMODATE THE REMODEL WORK.

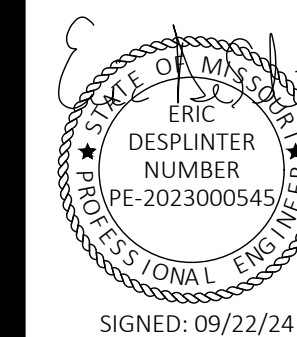


MECHANICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - DEMO
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS

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FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

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ISSUE DATE: 09/22/24

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CHECKED BY: EMD
DESIGNED BY: BST

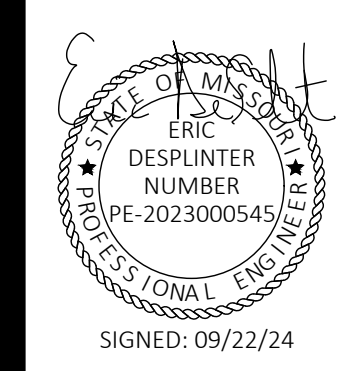
SHEET TITLE:
MECHANICAL
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G2 - DEMO
SHEET NUMBER:

M-102

SHEET 36 OF 66
SEPTEMBER 22, 2024

KEYNOTES - M-103	
NUMBER	TEXT
1	REMOVE EXISTING DIFFUSER/GRILLE AND PREPARE FOR NEW CONNECTION.
2	DISCONNECT EXISTING DUCTWORK AND CAREFULLY REMOVE EXISTING CEILING-MOUNTED EXHAUST FAN. PREPARE FOR NEW INSTALLATION.
3	REMOVE EXISTING DIFFUSER AND 21x9 DUCT AS REQUIRED TO ACCOMMODATE THE REMODEL WORK.
4	REMOVE EXISTING GRILLE AND 28x6 DUCT AS REQUIRED TO ACCOMMODATE THE REMODEL WORK.

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PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

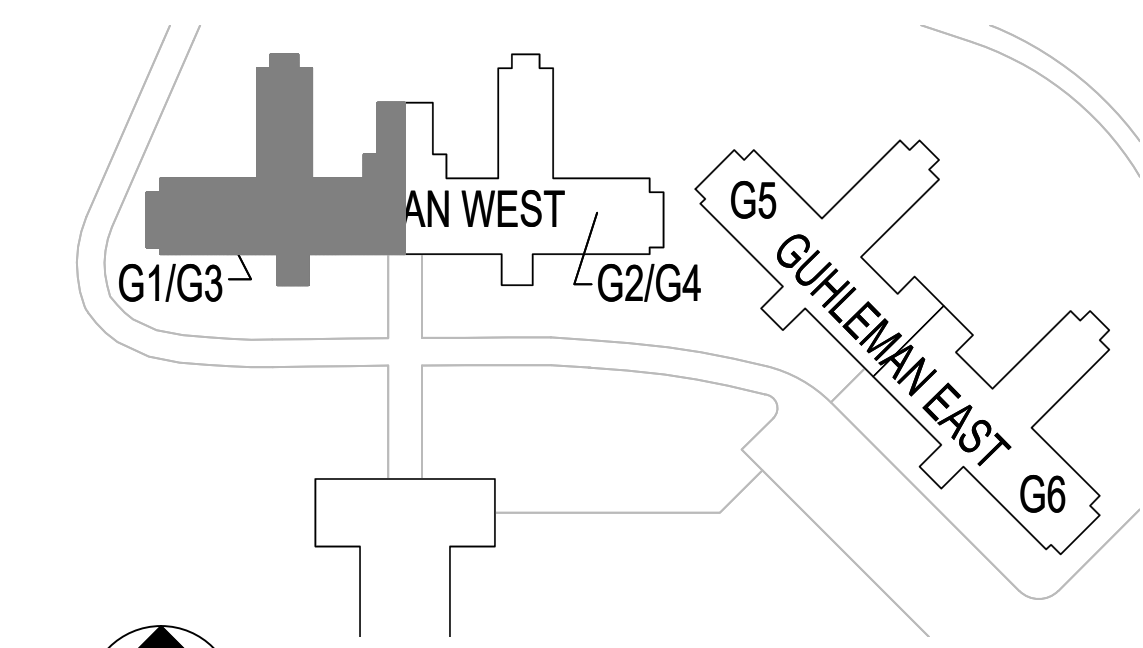
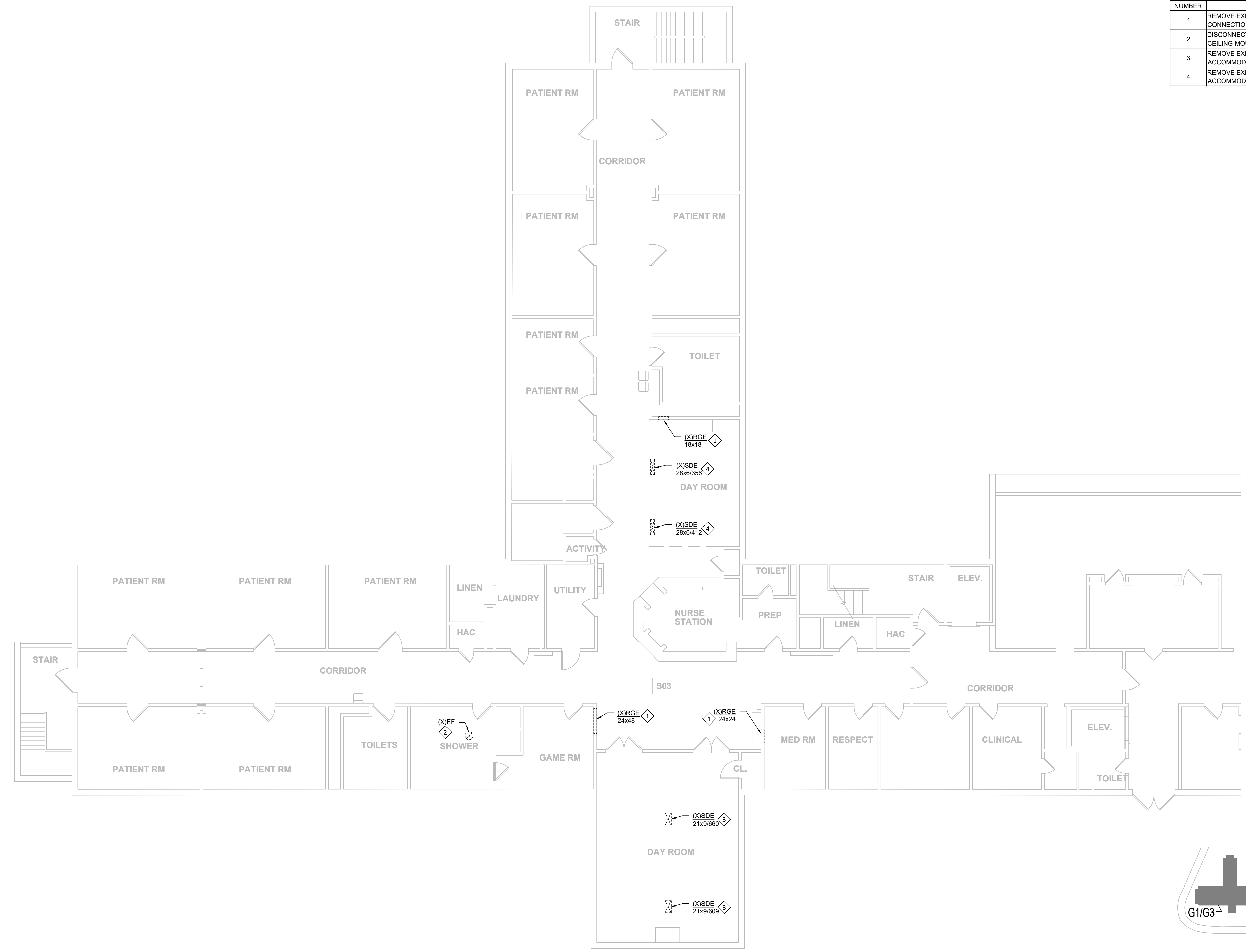
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ISSUE DATE: 09/22/24

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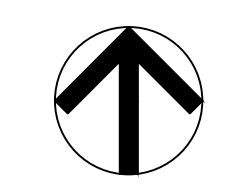
SHEET TITLE:
**MECHANICAL
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G3 - DEMO**

SHEET NUMBER:

M-103
SHEET 37 OF 66
SEPTEMBER 22, 2024



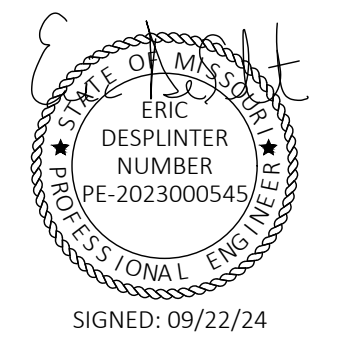
KEY PLAN
SCALE: NTS



MECHANICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - DEMO
SCALE: 1/8"=1'-0"

KEYNOTES - M-104	
NUMBER	TEXT
1	REMOVE EXISTING DIFFUSER/GRILLE AND PREPARE FOR NEW CONNECTION.
2	DISCONNECT EXISTING DUCTWORK AND CAREFULLY REMOVE EXISTING CEILING-MOUNTED EXHAUST FAN. PREPARE FOR NEW INSTALLATION.
3	REMOVE EXISTING DIFFUSER AND 21x9 DUCT AS REQUIRED TO ACCOMMODATE THE REMODEL WORK.
4	REMOVE EXISTING GRILLE AND 28x8 DUCT AS REQUIRED TO ACCOMMODATE THE REMODEL WORK.

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PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

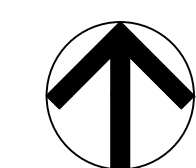
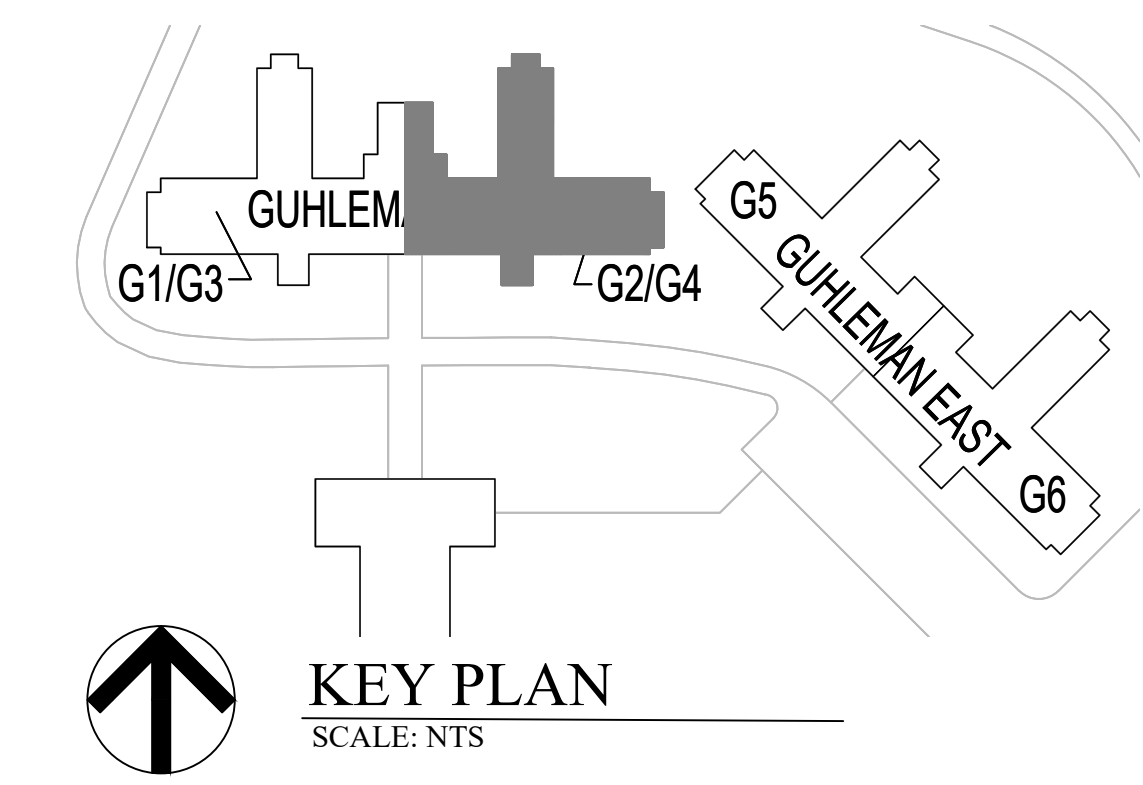
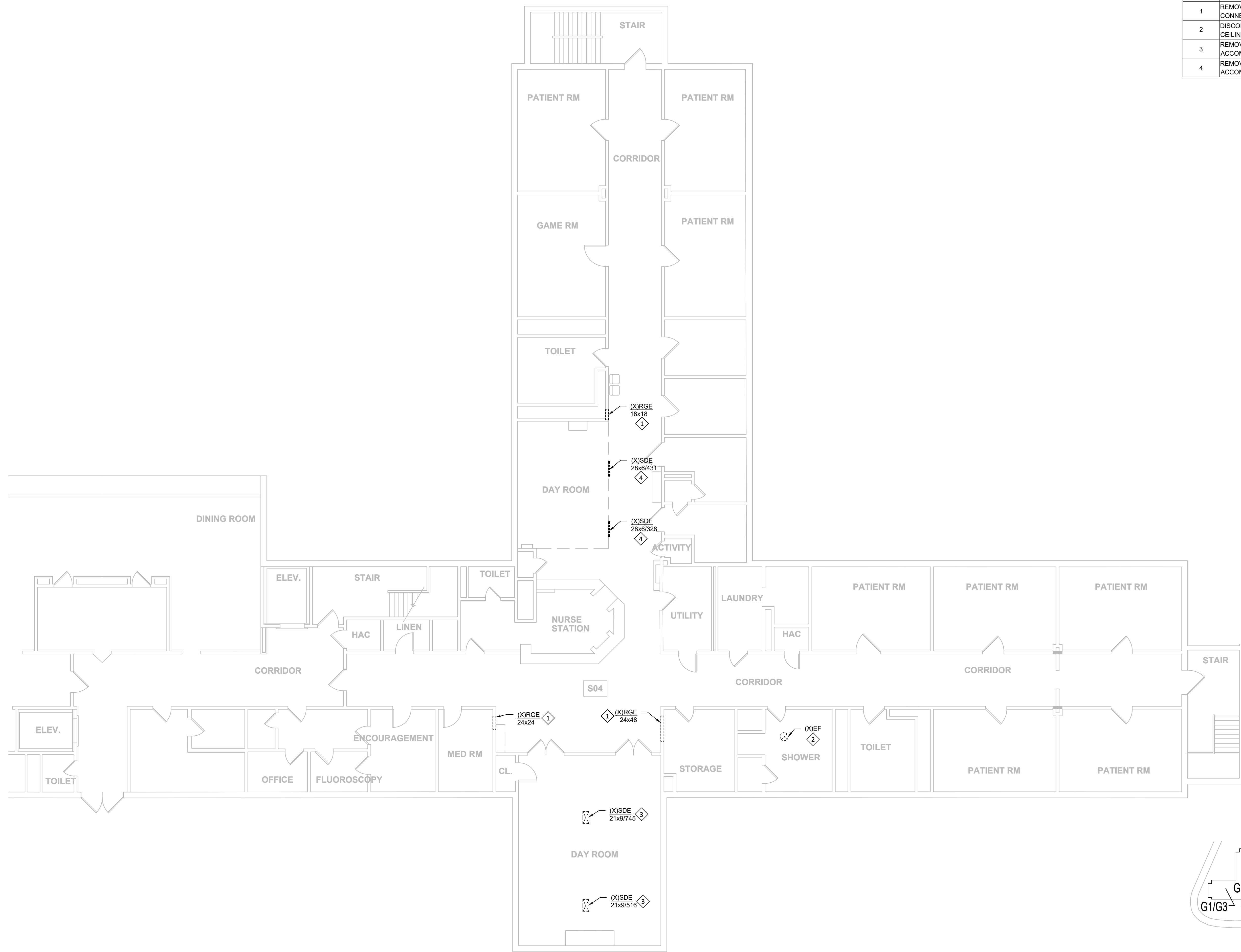
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ISSUE DATE: 09/22/24

CAD DWG FILE: M-DP-01
DRAWN BY: BST
CHECKED BY: EMD
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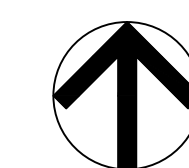
SHEET TITLE:
MECHANICAL
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G4 - DEMO
SHEET NUMBER:

M-104

SHEET 38 OF 66
SEPTEMBER 22, 2024



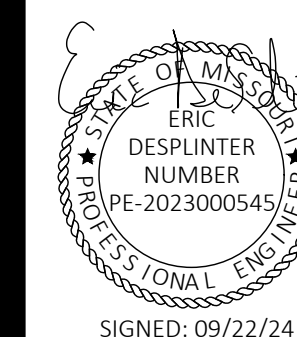
MECHANICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - DEMO
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS

KEYNOTES - M-105	
NUMBER	TEXT
1	REMOVE EXISTING DIFFUSER/GRILLE AND PREPARE FOR NEW CONNECTION.
2	REMOVE EXISTING DIFFUSER AND 21x9 DUCT AS REQUIRED TO ACCOMMODATE THE REMODEL WORK.

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MULTIPLE ASSETS
FULTON STATE HOSPITAL
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PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

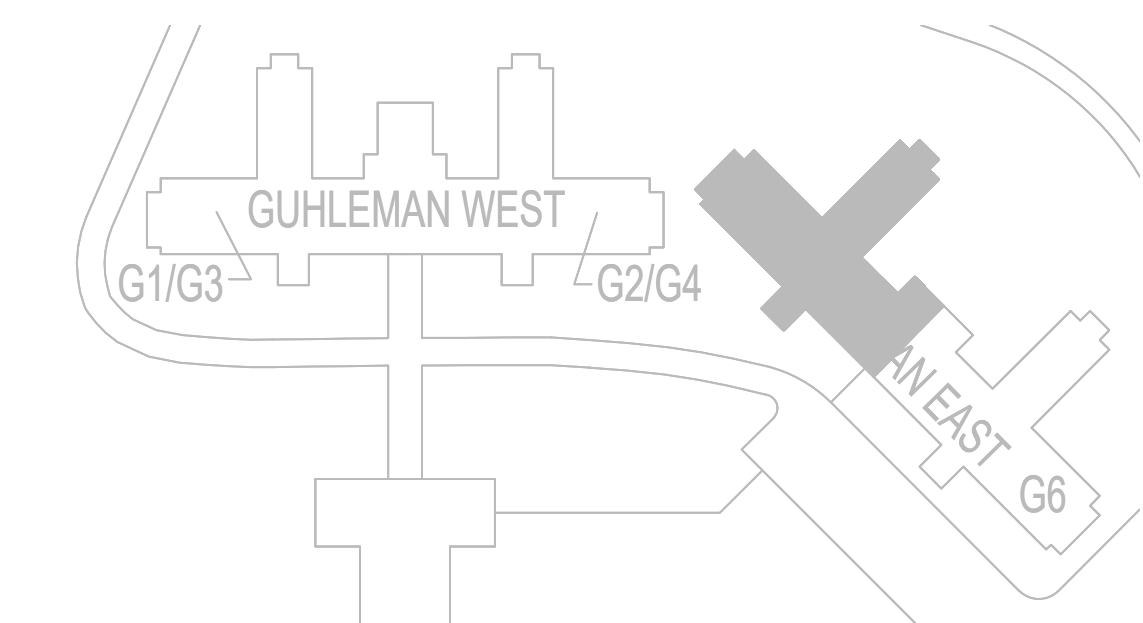
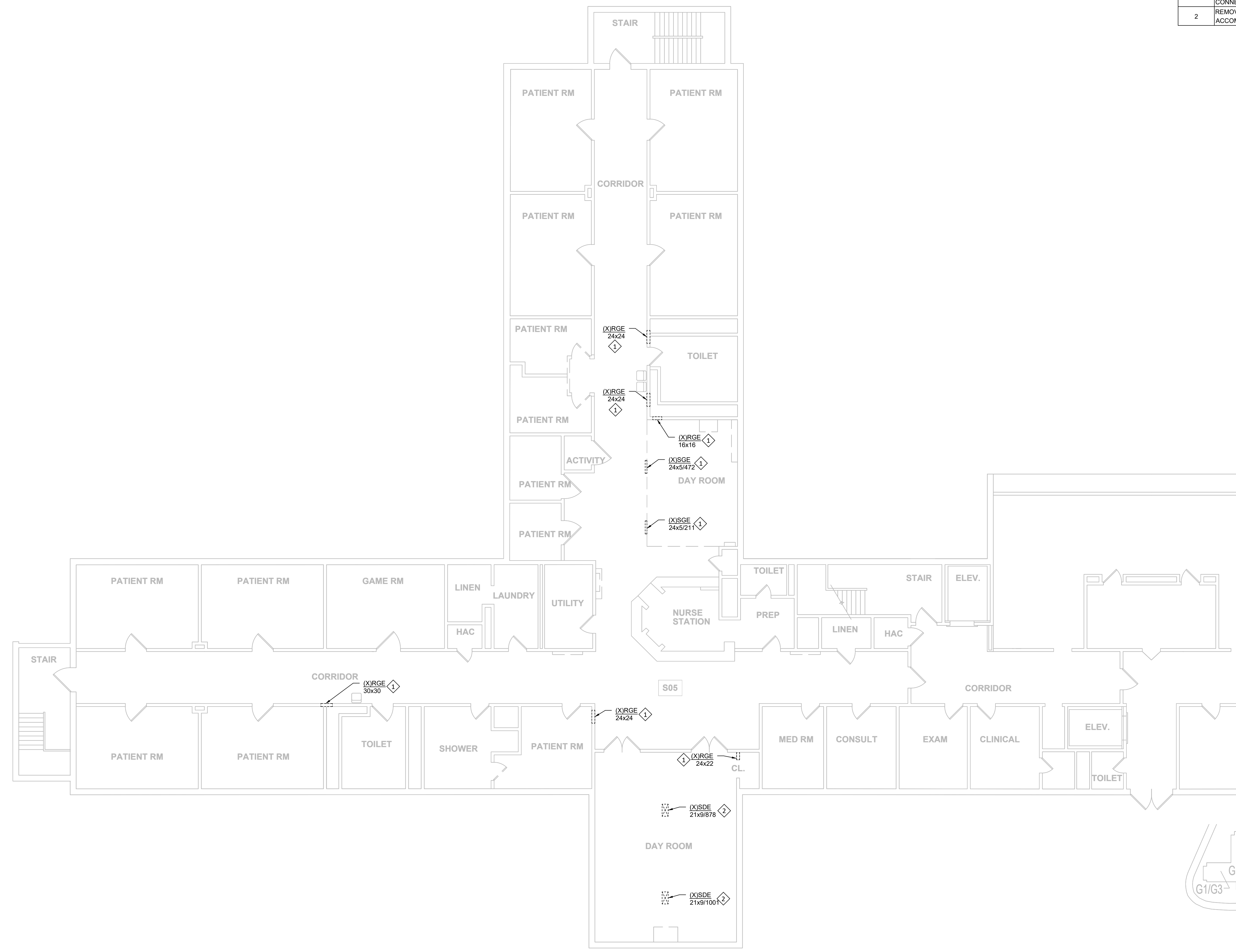
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DRAWN BY: BST
CHECKED BY: EMD
DESIGNED BY: BST

SHEET TITLE:
**MECHANICAL
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G5 - DEMO**

SHEET NUMBER:

M-105

SHEET 39 OF 66
SEPTEMBER 22, 2024

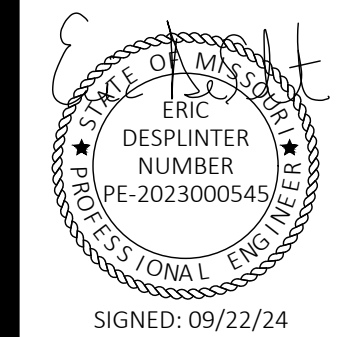


KEY PLAN
SCALE: NTS

MECHANICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G5 - DEMO
SCALE: 1/8"=1'-0"

KEYNOTES - M-106	
NUMBER	TEXT
1	REMOVE EXISTING DIFFUSER/GRILLE AND PREPARE FOR NEW CONNECTION.
2	DISCONNECT EXISTING DUCTWORK AND CAREFULLY REMOVE EXISTING CEILING-MOUNTED EXHAUST FAN. PREPARE FOR NEW INSTALLATION.
3	DISCONNECT EXISTING DUCTWORK AND REMOVE EXISTING CEILING-MOUNTED EXHAUST FAN AND ACCESSORIES. CAP DUCT END.
4	REMOVE EXISTING GRILLES AND DUCTWORK SERVING DAY ROOM BACK TO MAIN DUCT. DUCTWORK IS LOCATED ABOVE HARD LID CEILING AND IS SHOWN IN AN ASSUMED LOCATION. NOTIFY MEOR IF FIELD CONDITIONS DIFFER FROM THOSE SHOWN. PATCH AND SEAL ANY UNUSED OPENINGS AIRTIGHT.

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PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

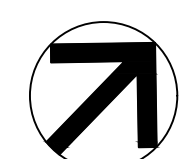
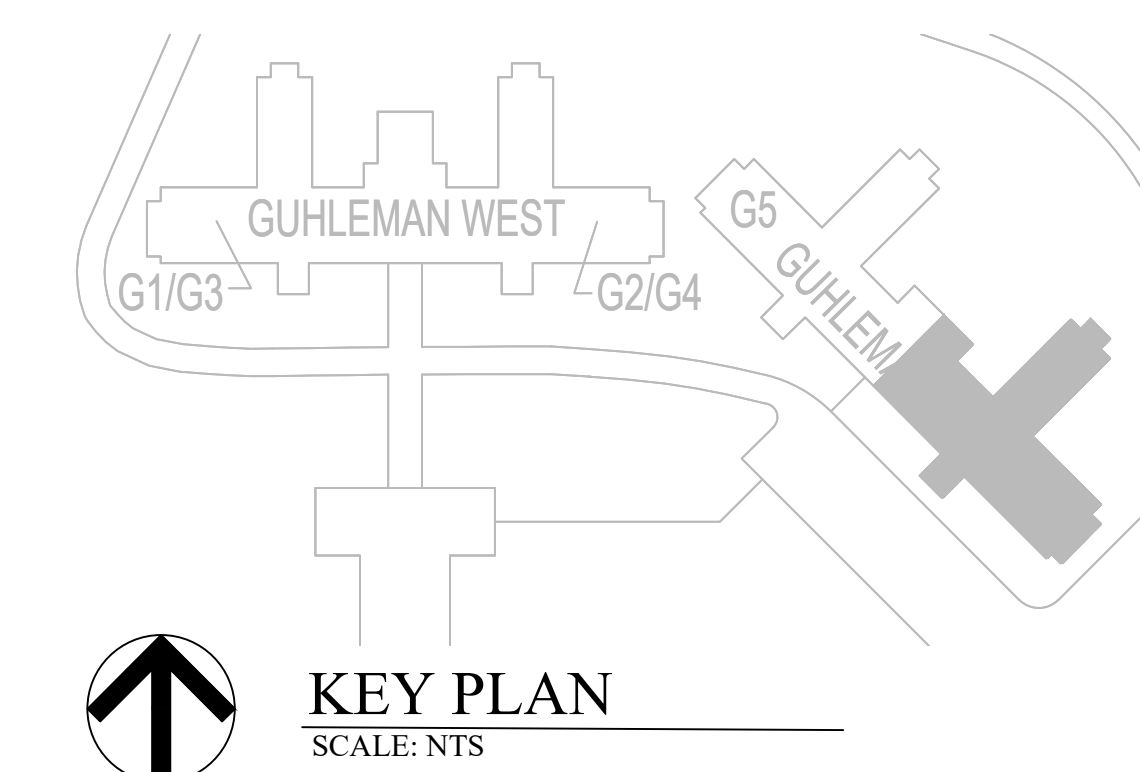
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DRAWN BY: BST
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SHEET TITLE:
**MECHANICAL
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G6 - DEMO**

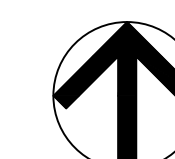
SHEET NUMBER:

M-106

SHEET 40 OF 66
SEPTEMBER 22, 2024



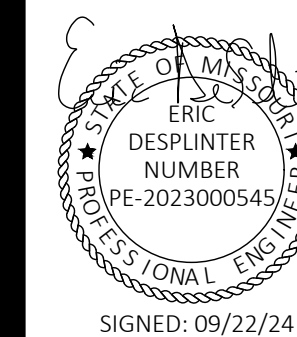
MECHANICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - DEMO
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS

KEYNOTES - M-107	
NUMBER	TEXT
1	INSTALL NEW DIFFUSER/GRILLE AND CONNECT BACK TO EXISTING DUCT OPENING.
2	INSTALL NEW EXHAUST GRILLE AND EF-1 AS SHOWN. RECONNECT FAN OUTLET TO EXISTING EXHAUST DUCT SYSTEM.
3	TRANSITION EXISTING 21x9 DUCT TO BE 20x20 AND CONNECT TO NEW DIFFUSER INLET.

STATE OF MISSOURI
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FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

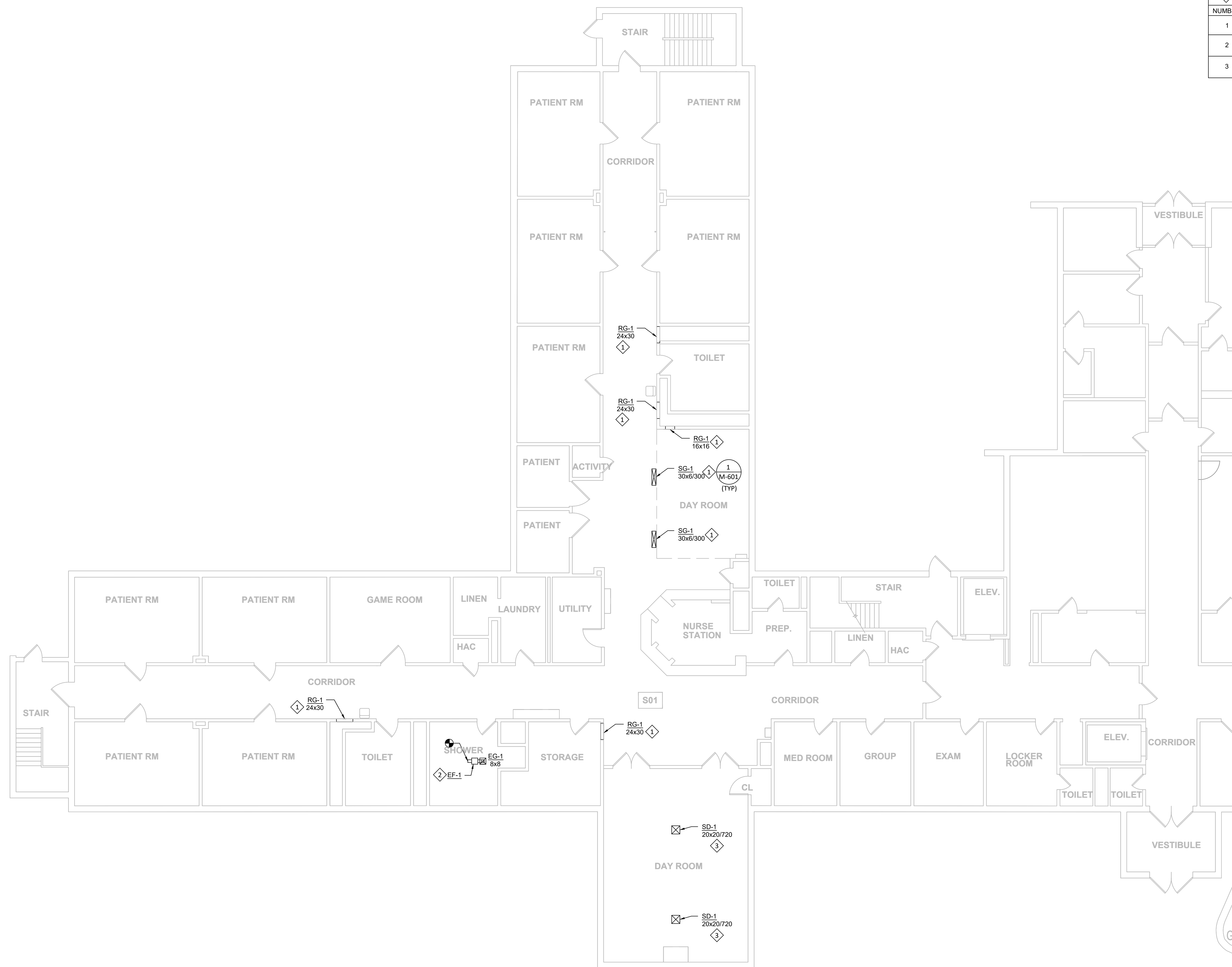
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DRAWN BY: BST
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SHEET TITLE:
**MECHANICAL
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G1 - REMODEL**

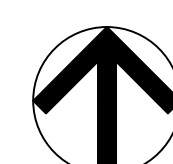
SHEET NUMBER:

M-107

SHEET 41 OF 66
SEPTEMBER 22, 2024

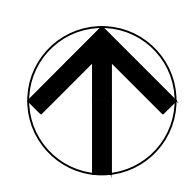
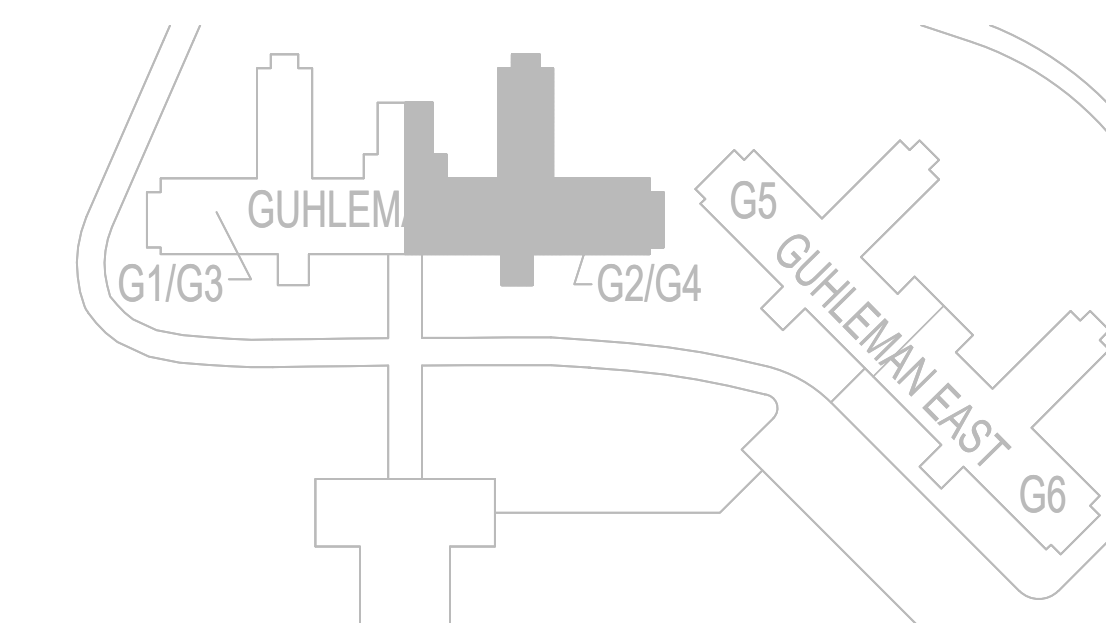
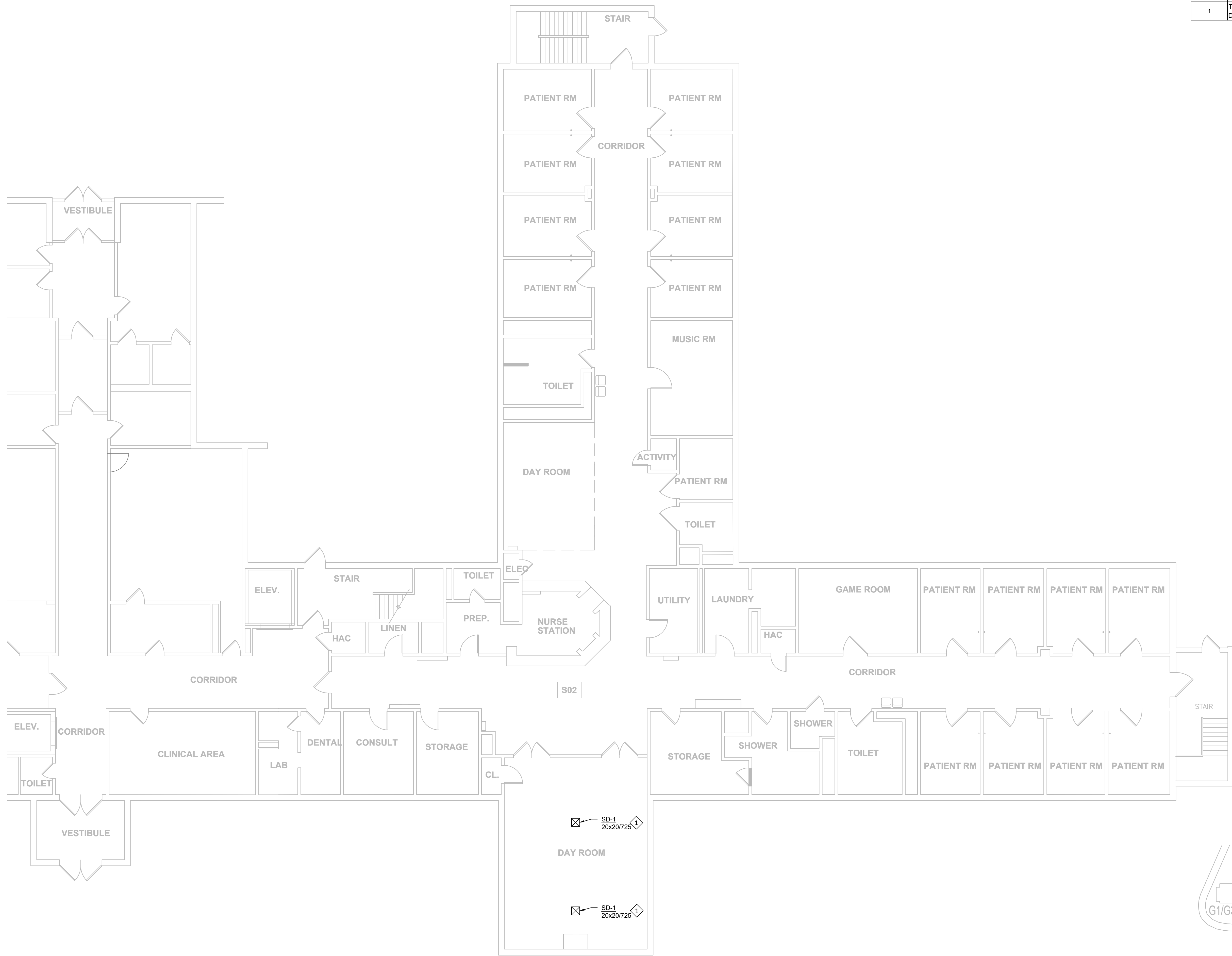


KEY PLAN
SCALE: NTS

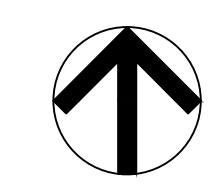


MECHANICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G1 - REMODEL
SCALE: 1/8"=1'-0"

KEYNOTES - M-108	
NUMBER	TEXT
1	TRANSITION EXISTING 21x9 DUCT TO BE 20x20 AND CONNECT TO NEW DIFFUSER INLET.

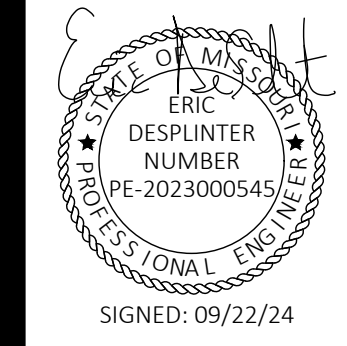


MECHANICAL GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - REMODEL
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS

STATE OF MISSOURI
MICHAEL L PARSON,
GOVERNOR



STATE OF MISSOURI
CERTIFICATE OF AUTHORITY #2018019473

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DESIGN AND CONSTRUCTION

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: M-FP-01
DRAWN BY: BST
CHECKED BY: EMD
DESIGNED BY: BST

SHEET TITLE:
**MECHANICAL
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G2 - REMODEL**

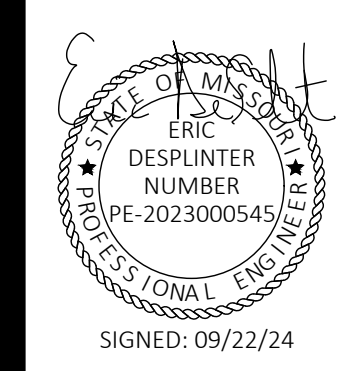
SHEET NUMBER:

M-108

SHEET 42 OF 66
SEPTEMBER 22, 2024

KEYNOTES - M-109	
NUMBER	TEXT
1	INSTALL NEW DIFFUSER/GRILLE AND CONNECT BACK TO EXISTING DUCT OPENING.
2	INSTALL NEW EXHAUST GRILLE AND EF-1 AS SHOWN. RECONNECT FAN OUTLET TO EXISTING EXHAUST DUCT SYSTEM.
3	TRANSITION EXISTING 21x9 DUCT TO BE 20x20 AND CONNECT TO NEW DIFFUSER INLET.
4	TRANSITION EXISTING 28x6 DUCT TO BE 42x6 AND CONNECT TO NEW DIFFUSER INLET.

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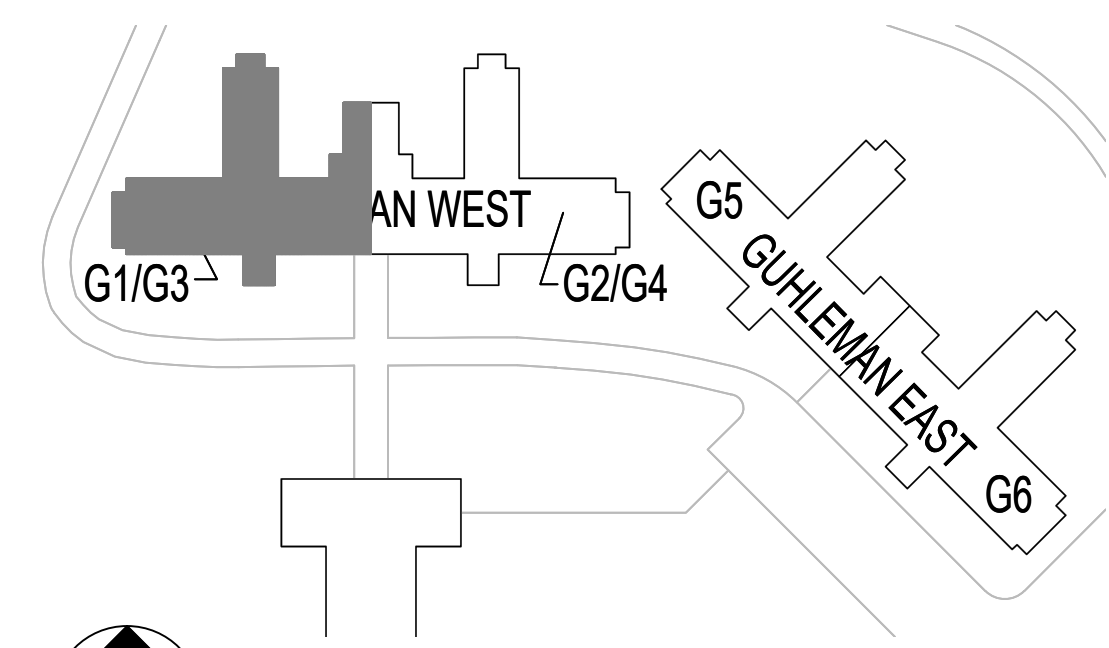
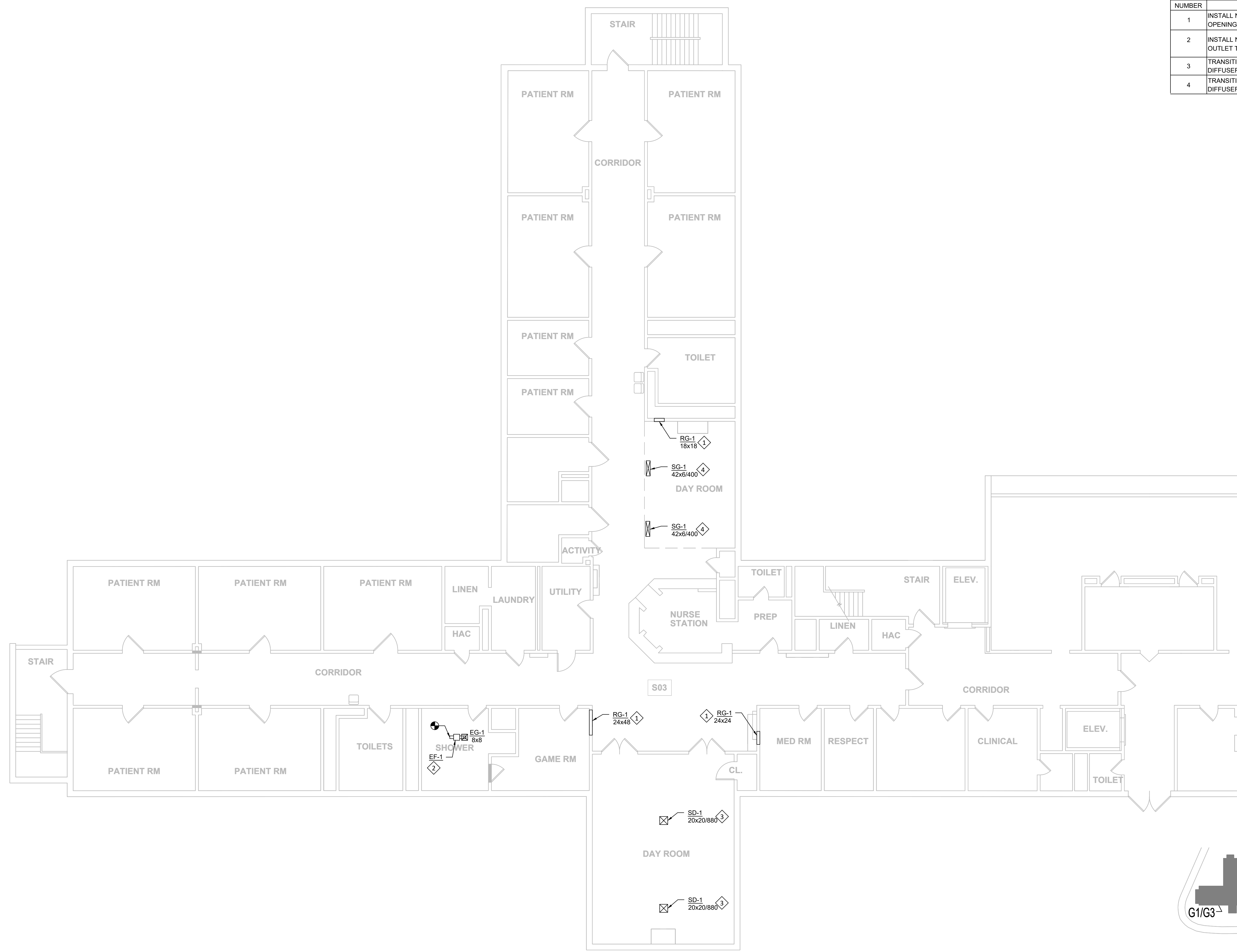
CAD DWG FILE: M-FP-01
DRAWN BY: BST
CHECKED BY: EMD
DESIGNED BY: BST

SHEET TITLE:
**MECHANICAL
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G3 - REMODEL**

SHEET NUMBER:

M-109

SHEET 43 OF 66
SEPTEMBER 22, 2024

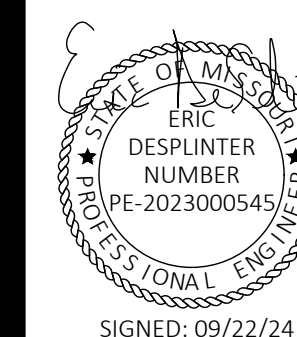


KEY PLAN
SCALE: NTS

MECHANICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - REMODEL
SCALE: 1/8"=1'-0"

KEYNOTES - M-110	
NUMBER	TEXT
1	INSTALL NEW DIFFUSER/GRILLE AND CONNECT BACK TO EXISTING DUCT OPENING.
2	INSTALL NEW EXHAUST GRILLE AND EF-1 AS SHOWN. RECONNECT FAN OUTLET TO EXISTING EXHAUST DUCT SYSTEM.
3	TRANSITION EXISTING 21x9 DUCT TO BE 20x20 AND CONNECT TO NEW DIFFUSER INLET.
4	TRANSITION EXISTING 28x6 DUCT TO BE 44x6 AND CONNECT TO NEW DIFFUSER INLET.

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SIGNED: 09/22/24



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FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

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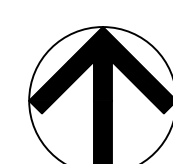
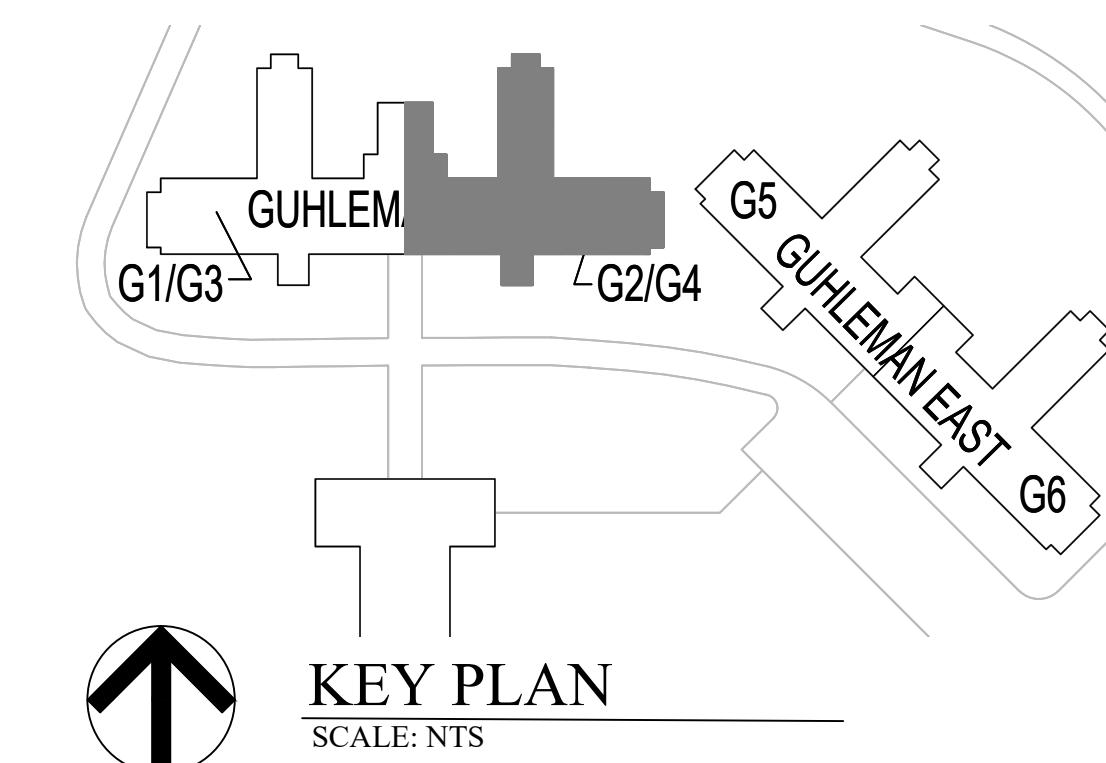
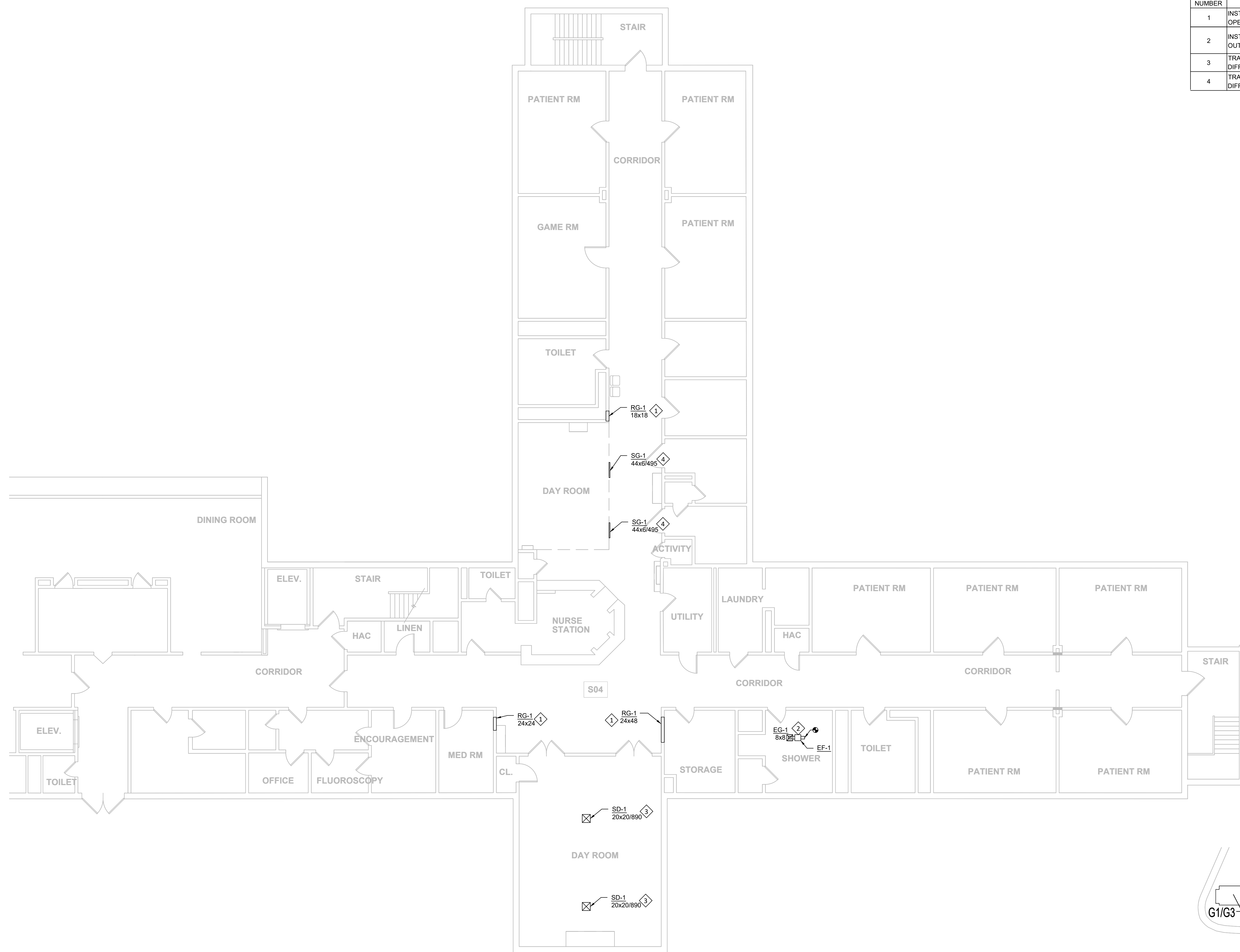
CAD DWG FILE: M-FP-01
DRAWN BY: BST
CHECKED BY: EMD
DESIGNED BY: BST

SHEET TITLE:
**MECHANICAL
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G4 - REMODEL**

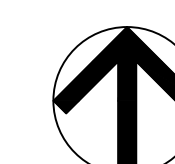
SHEET NUMBER:

M-110

SHEET 44 OF 66
SEPTEMBER 22, 2024



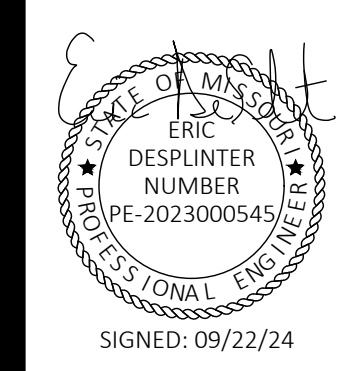
MECHANICAL GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - REMODEL
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS

KEYNOTES - M-111	
NUMBER	TEXT
1	INSTALL NEW DIFFUSER/GRILLE AND CONNECT BACK TO EXISTING DUCT OPENING.
2	TRANSITION EXISTING 21x9 DUCT TO BE 20x20 AND CONNECT TO NEW DIFFUSER INLET.

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PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

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DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

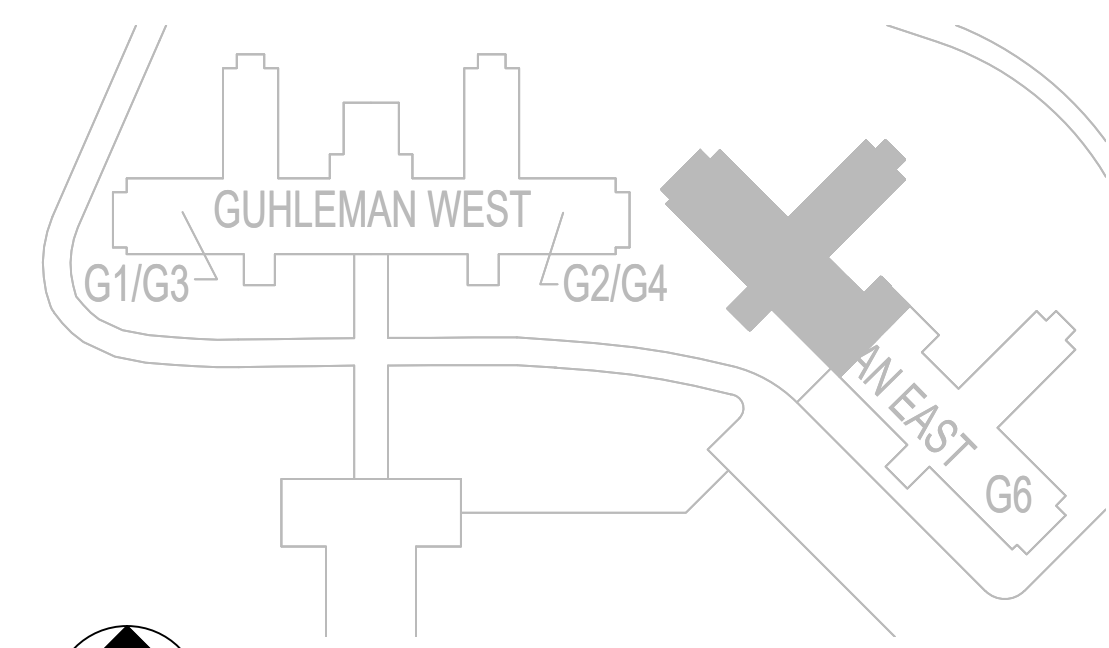
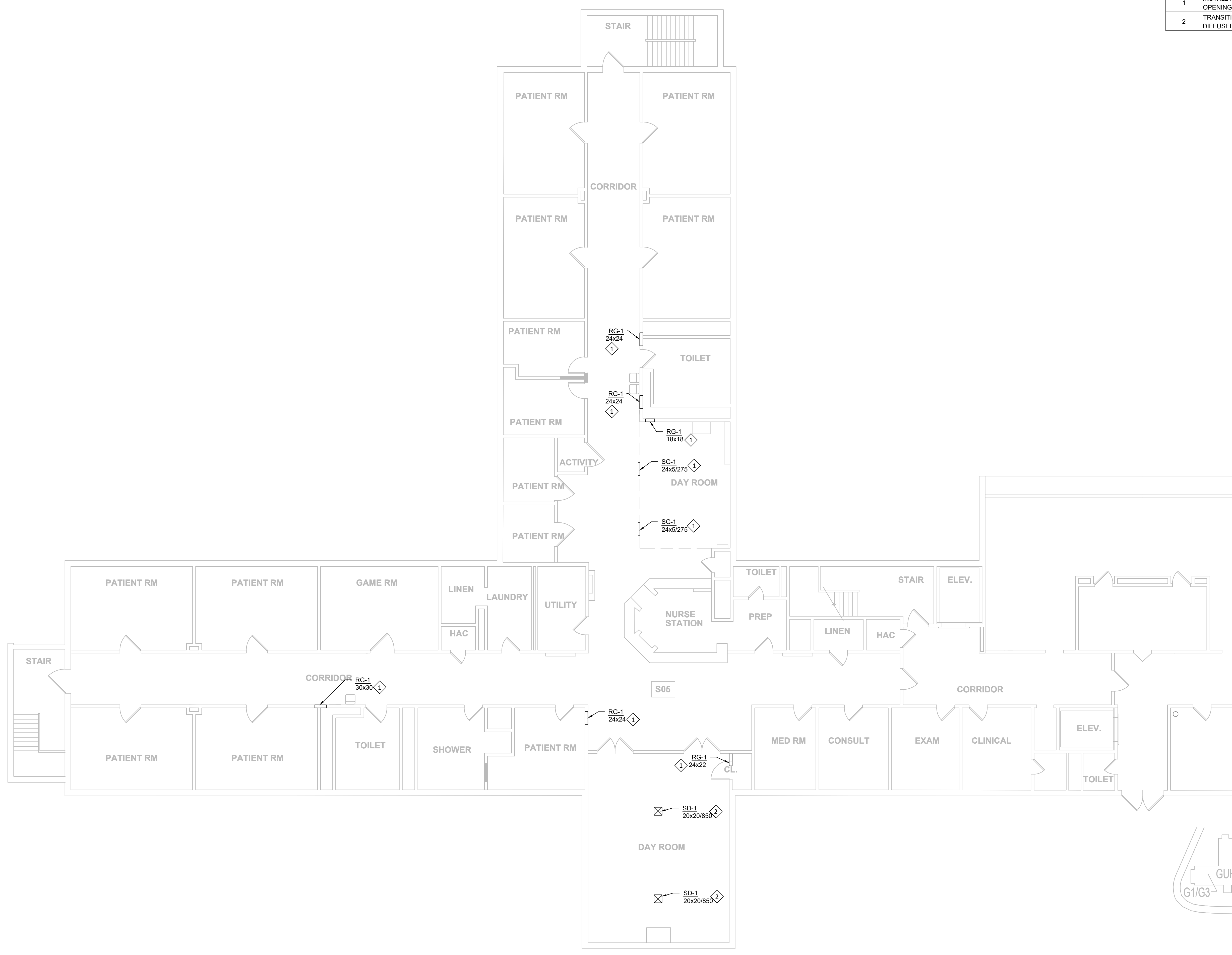
CAD DWG FILE: M-FP-01
DRAWN BY: BST
CHECKED BY: EMD
DESIGNED BY: BST

SHEET TITLE:
**MECHANICAL
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G5 - REMODEL**

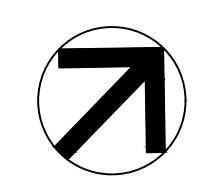
SHEET NUMBER:

M-111

SHEET 45 OF 66
SEPTEMBER 22, 2024



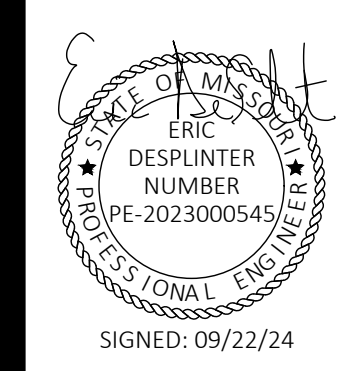
KEY PLAN
SCALE: NTS



MECHANICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G5 - REMODEL
SCALE: 1/8"=1'-0"

KEYNOTES - M-112	
NUMBER	TEXT
1	INSTALL NEW DIFFUSER/GRILLE AND CONNECT BACK TO EXISTING DUCT OPENING.
2	INSTALL NEW EXHAUST GRILLE AND EF-1 AS SHOWN. RECONNECT FAN OUTLET TO EXISTING EXHAUST DUCT SYSTEM.
3	EXTEND NEW SA DUCTWORK FROM MAIN DUCT TO NEW DIFFUSERS. DUCT MAIN IS LOCATED ABOVE HARD LID CEILING AND IS SHOWN IN AN ASSUMED LOCATION. NOTIFY MEOR IF FIELD CONDITIONS DIFFER FROM THOSE SHOWN.

STATE OF MISSOURI
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FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

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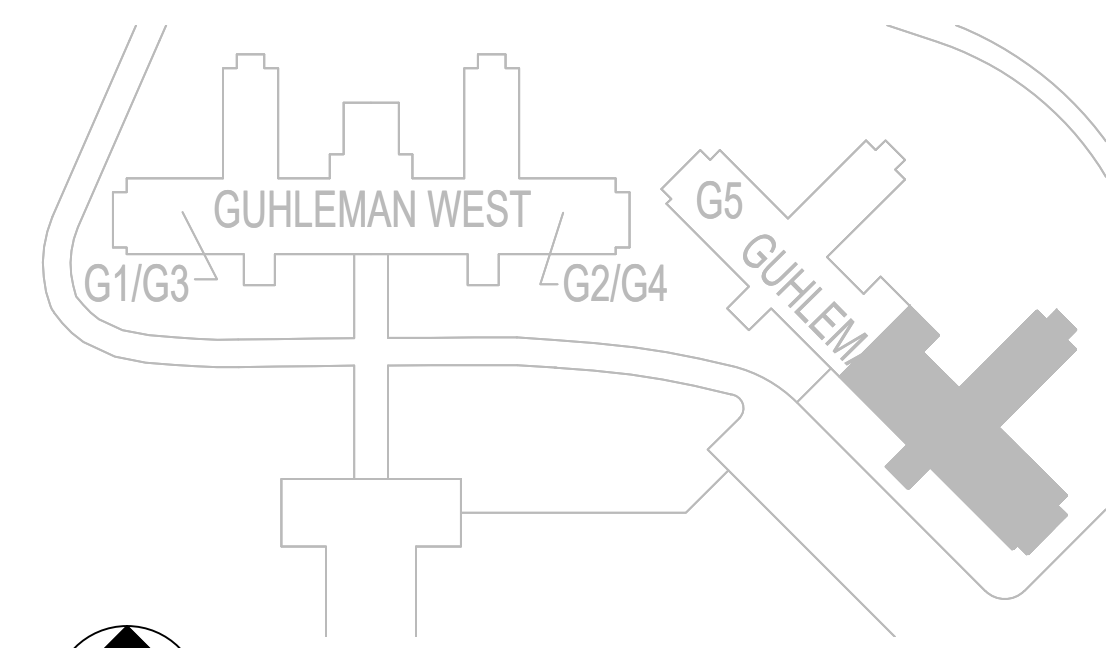
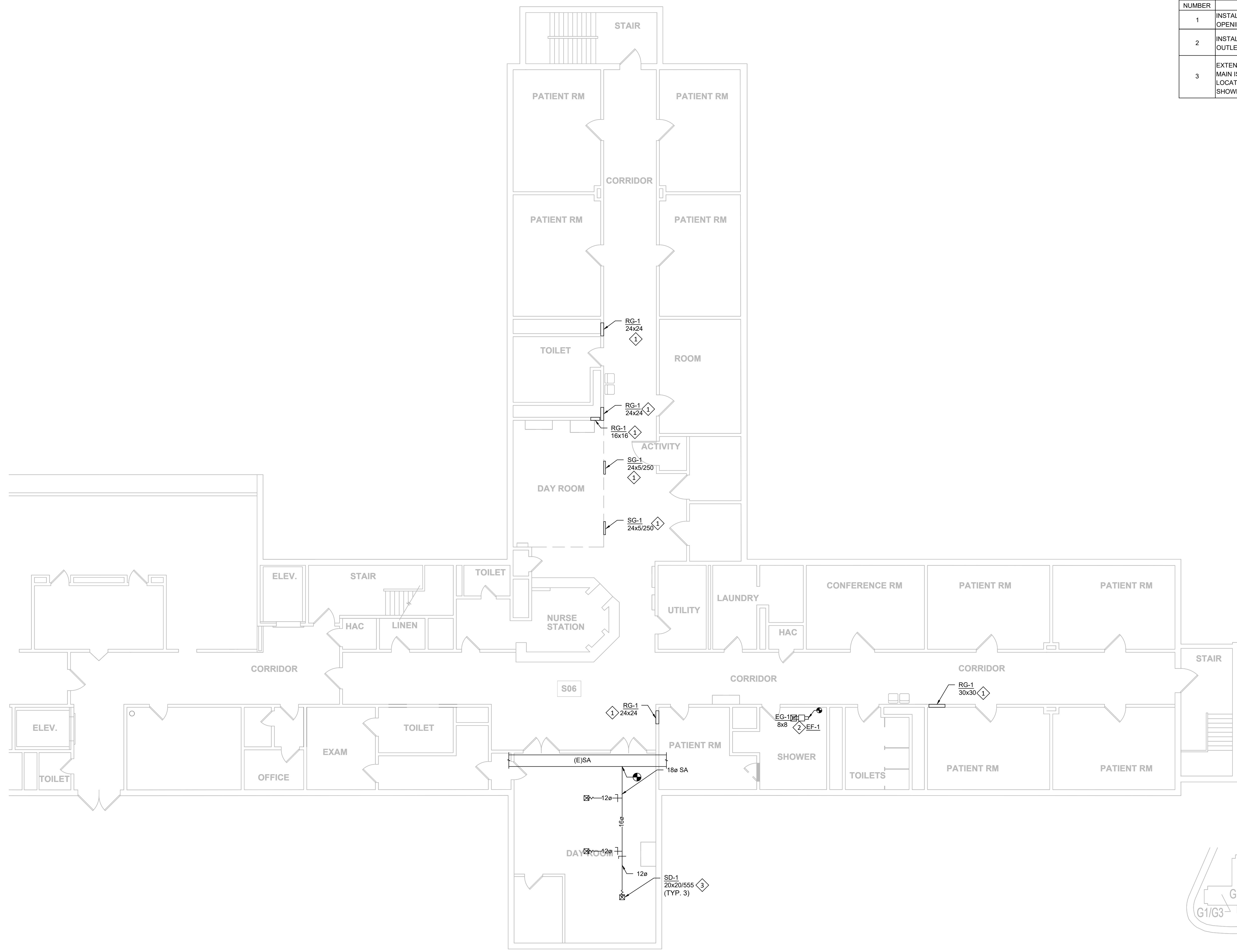
CAD DWG FILE: M-FP-01
DRAWN BY: BST
CHECKED BY: EMD
DESIGNED BY: BST

SHEET TITLE:
**MECHANICAL
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G6 - REMODEL**

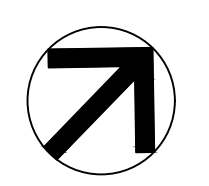
SHEET NUMBER:

M-112

SHEET 46 OF 66
SEPTEMBER 22, 2024



KEY PLAN
SCALE: NTS



MECHANICAL GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - REMODEL
SCALE: 1/8"=1'-0"

GRILLE-REGISTER-DIFFUSER SCHEDULE

- NOTES:
 1. SEE SPEC SECTION 23 3700 FOR ADDITIONAL INFORMATION.
 2. CONTRACTOR SHALL SELECT PROPER MOUNTING BASED ON INSTALLATION SURFACE TYPE.
 3. SEE FLOOR PLANS FOR NECK SIZE.
 4. CONTRACTOR SHALL FIELD VERIFY ALL SIZES AND QUANTITIES PRIOR TO ORDERING.

TAG NAME	TYPE	FACE SIZE (IN.)	MATERIAL	FINISH	MANUFACTURER	MODEL	NOTES
SD-1	MODULAR CORE W/ S-STYLE ANTI LIGATURE	NECK SIZE + 3"	STEEL	WHITE	ANEMOSTAT	SV432	1, 2, 3, 4
SG-1	45 DEGREE DEFLECTION SLEEVED SECURITY	NECK SIZE + 2"	STEEL	WHITE	CARNES	RSPA41	1, 2, 3, 4
RG-1	0 DEGREE DEFLECTION WITH HOLES	NECK SIZE + 2"	STEEL	WHITE	CARNES	RSPA51	1, 2, 3, 4
EG-1	LIGATURE RESISTANT GRILLE W/ HOLES	12x12	STEEL	WHITE	BESAFEPRO	EG420	1, 2, 3, 4

FAN SCHEDULE

- NOTES:
 1. PROVIDE GRAVITY BACKDRAFT DAMPER.

TAG NAME	AREA SERVED	CFM	S.P. IN. W.C.	DRIVE TYPE	MAX AMCA SONES	ELECTRICAL				MAX WEIGHT (LBS)	MANUFACTURER	MODEL	ANCHORAGE DETAIL	NOTES			
						DISCONNECT		CONTROLLER/STARTER									
						BY (NOTE A)	TYPE (NOTE B)	BY (NOTE A)	TYPE (NOTE C)								
EF-1	SHOWER ROOMS	200	0.4	DIRECT	1.2	120	1	33	E.C.	NF	MFR	ECM	28	GREENHECK	CSP-A390-VG	2/M-601	1

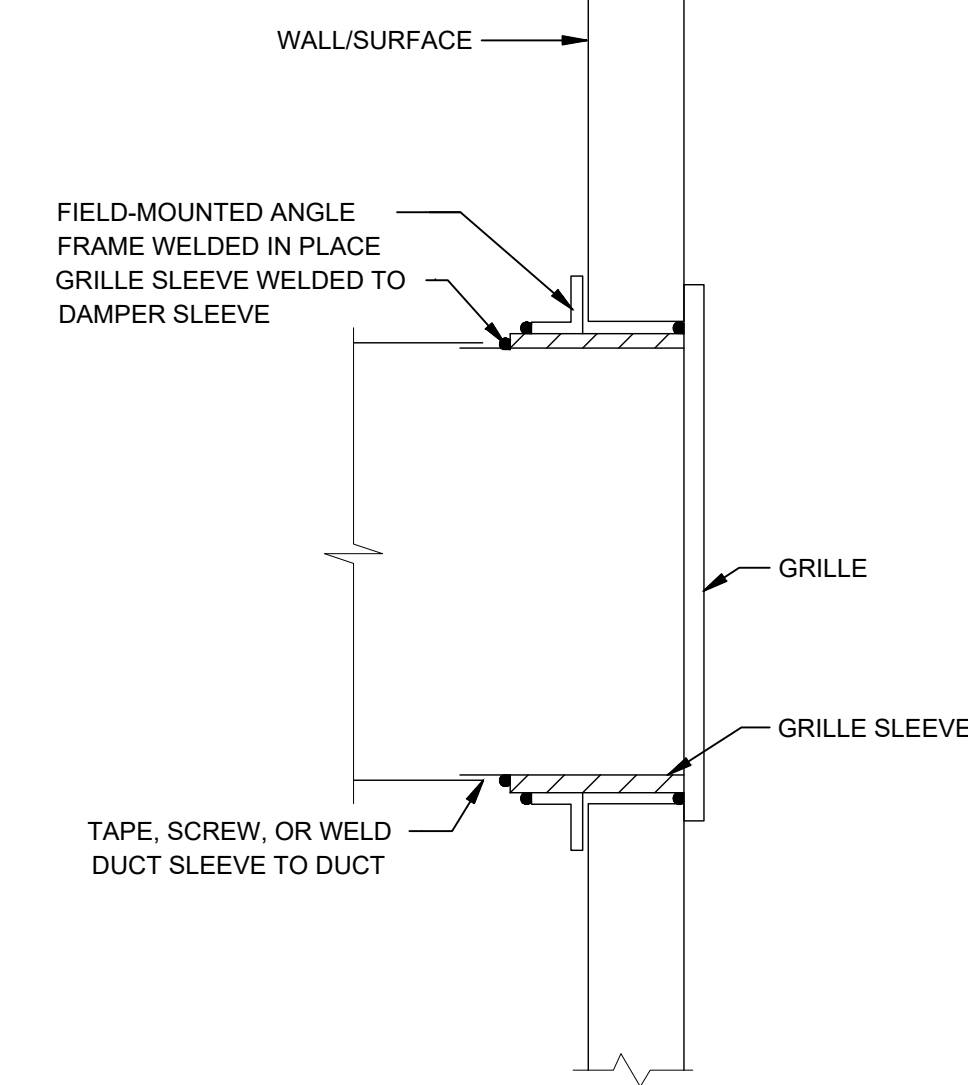
SCHEDULE GENERAL NOTES

NOTE A	ABBREVIATION	DESCRIPTION
		PROVIDED BY
	E.C.	ELECTRICAL CONTRACTOR
	M.C.	MECHANICAL CONTRACTOR
	MFR	MANUFACTURER
NOTE B	DISCONNECT TYPE	
	F	FUSED
	NF	NON-FUSED
NOTE C	STARTER TYPE	
	ECM	ELECTRONICALLY COMMUTATED MOTOR
	FV	FULL VOLTAGE
	MS	MANUAL STARTER
	SS	SOFT STARTER
	VFD	VARIABLE FREQUENCY DRIVE
	VFD/B	VARIABLE FREQUENCY DRIVE WITH BYPASS

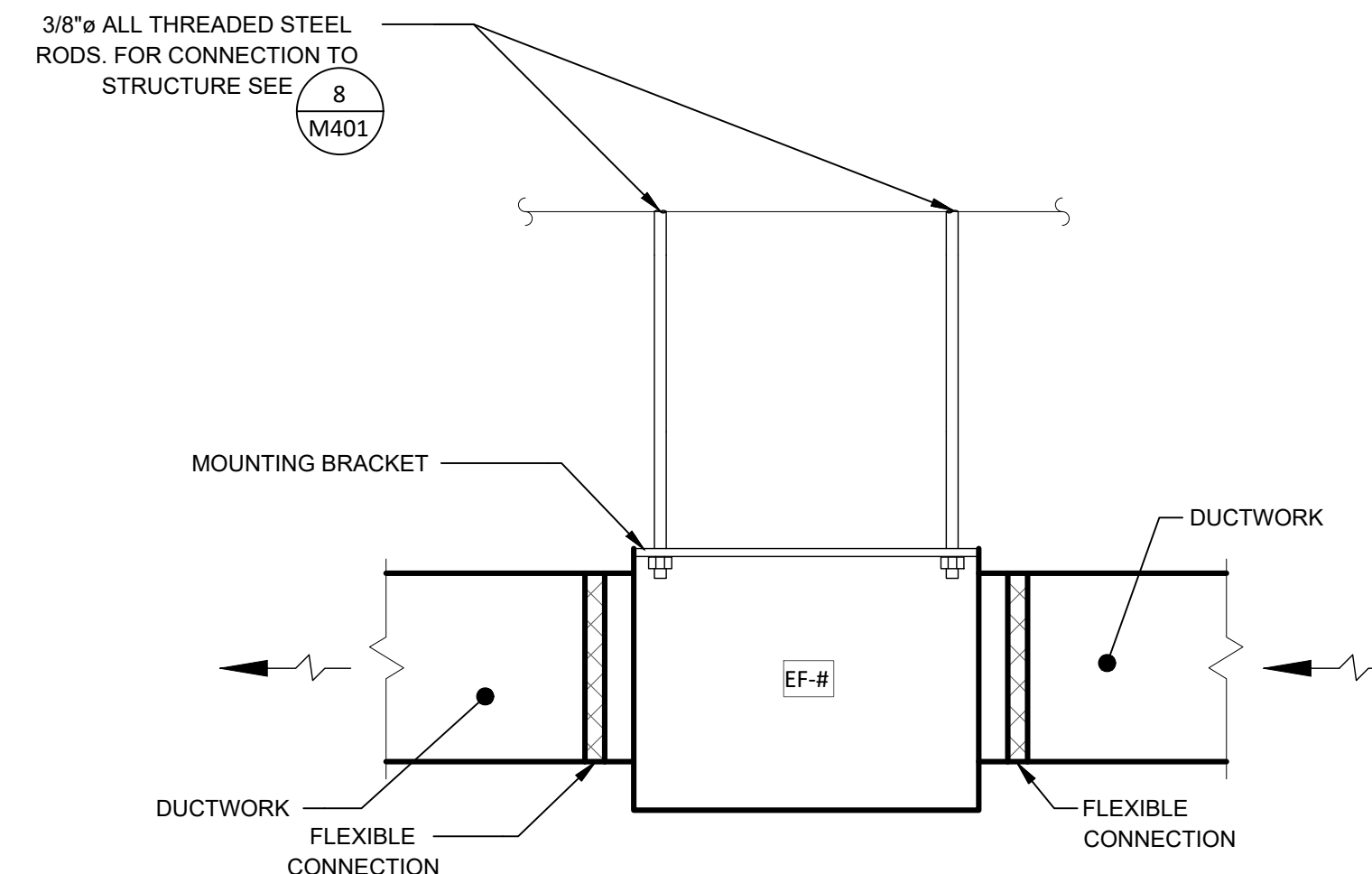
DUCTWORK INSULATION SCHEDULE

- NOTES:
 1. SEE SPEC SECTION 23 0713 FOR ADDITIONAL INFORMATION ABOUT INSULATION TYPES.
 2. NO INSULATION IS REQUIRED ON DUCTS LOCATED DIRECTLY IN AN OCCUPIED SPACE THAT IT SERVES UNLESS OTHERWISE NOTED ON THE FLOOR PLANS.

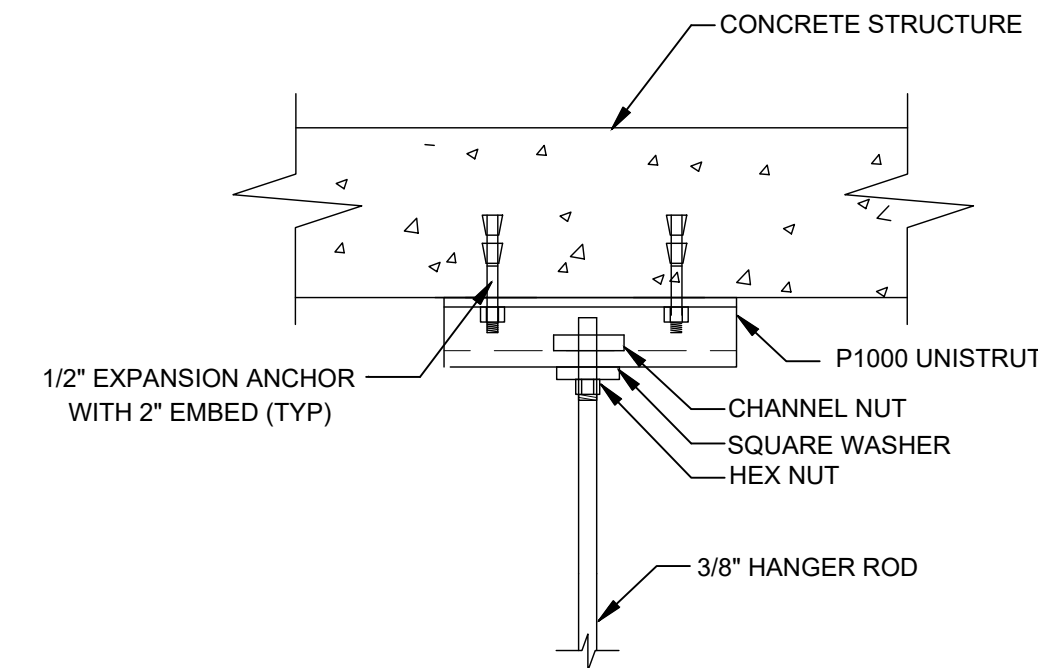
DUCT APPLICATION	INSULATION TYPE (NOTE 1)		INSTALLED MIN R-VALUE			NOTES
	GLASS FIBER FLEXIBLE WRAP	NONE	0	4.2	8	
INTERIOR						
SUPPLY AIR	X			X		2
RETURN AIR		X	X			
INTERIOR OR EXTERIOR						
GENERAL EXHAUST AIR		X	X			



GRILLE INSTALLATION DETAIL NTS 1

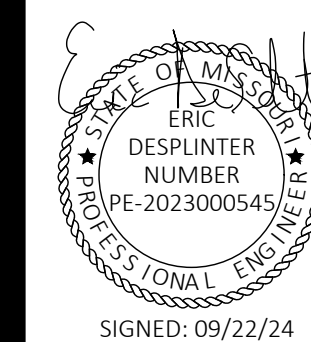


INLINE EXHAUST FAN MOUNTING DETAIL NTS 2



ATTACHMENT TO STRUCTURE NTS 3

STATE OF MISSOURI
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ANTI-LIGATURE UPGRADES
 MULTIPLE ASSETS
 FULTON STATE HOSPITAL
 FULTON, MISSOURI

PROJECT # M2312-01
 SITE # 7352
 ASSET # 6517352026, 6517352027

REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 ISSUE DATE: 09/22/24

CAD DWG FILE: M-601
 DRAWN BY: BST
 CHECKED BY: EMD
 DESIGNED BY: BST

SHEET TITLE:
**MECHANICAL
 SCHEDULES/DETAILS**

SHEET NUMBER:

M-601

SHEET 47 OF 66
 SEPTEMBER 22, 2024

PLUMBING SYMBOLS:	
LINETYPE/SYMBOL	DESCRIPTION
	PIPE DOWN
	PIPE UP
	BRANCH-TOP CONNECTION
	BRANCH-BOTTOM CONNECTION
	PIPE CAP
	PIPE REDUCER
	DIRECTION OF WATER/GAS FLOW
	CLEANOUT PLUG
	FLOOR CLEANOUT
	WALL CLEANOUT
	ISOLATION VALVE, NORMALLY OPEN
	ISOLATION VALVE IN VERTICAL PIPE, NO
	PRESSURE-REDUCING VALVE
	FLOOR DRAIN
	FLOOR SINK
	ACCESS PANEL OR ROOF HATCH

NOTES:
1. NOT ALL SYMBOLS MAY APPLY.
2. SEE SPECS AND DRAWINGS FOR SPECIFIC COMPONENT REQUIREMENTS.

PLUMBING ABBREVIATIONS:	
ABBREVIATION	DESCRIPTION
CW	POTABLE COLD WATER
HW	POTABLE HOT WATER SUPPLY (120°F), UNLESS NOTED OTHERWISE
HWR	POTABLE HOT WATER RECIRCULATING (120°F), UNLESS NOTED OTHERWISE
V	VENT
AFF	ABOVE FINISHED FLOOR
DF	DRINKING FOUNTAIN/ELECTRIC WATER COOLER
DIA, Ø	DIAMETER
DN	DOWN
EL	ELEVATION
ECM	ELECTRONICALLY COMMUTATED MOTOR
FPS	FEET PER SECOND
FT. '	FOOT OR FEET
GA	GAGE OR GAUGE
GAL	GALLONS
HD	HEAD (PRESSURE)
HT	HEIGHT
ID	DIAMETER, INSIDE
IE	INVERT ELEVATION BELOW FINISHED FLOOR
IN. "	INCH OR INCHES
LF	LINEAR FOOT OR FEET
MAX	MAXIMUM
MIN	MINIMUM
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO., #	NUMBER
NTS	NOT TO SCALE
OD	DIAMETER, OUTSIDE
PPM	PARTS PER MILLION
PSI	POUNDS PER SQUARE INCH
RPM	REVOLUTIONS PER MINUTE
SPEC	SPECIFICATION

NOTES:
1. NOT ALL ABBREVIATIONS MAY APPLY.
2. PLUMBING MATERIAL LIST/PLUMBING SCHEDULES CONTAIN EQUIPMENT TAG ABBREVIATIONS THAT ARE HEREBY INCORPORATED INTO THE ABBREVIATION LIST.
3. SEE OTHER DISCIPLINE DRAWINGS WITHIN THE CONSTRUCTION DOCUMENTS FOR ABBREVIATIONS NOT DEFINED ABOVE OR IN PLUMBING MATERIAL LIST/PLUMBING SCHEDULES.

PLUMBING SYSTEMS:	
LINETYPE/SYMBOL	DESCRIPTION
	POTABLE COLD WATER
	POTABLE HOT WATER SUPPLY (120°F)
	SOIL, WASTE, OR SANITARY SEWER
	VENT

NOTES:
1. NOT ALL SYMBOLS MAY APPLY.
2. SEE SPECS AND DRAWINGS FOR SPECIFIC COMPONENT REQUIREMENTS.

RENOVATION NOTES:	
1.	DEMOLITION WORK SHALL BE PERFORMED AS DESCRIBED WITHIN SPEC SECTION 220505 AND THE DRAWINGS.
2.	THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID SUBMISSION TO VERIFY ALL FIELD CONDITIONS INCLUDING BUT NOT LIMITED TO THE FOLLOWING: A. LOCATIONS OF EXISTING PLUMBING SYSTEMS. B. LOCATIONS OF ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, TECHNOLOGY, FIRE PROTECTION, AND FIRE ALARM SYSTEMS. C. EXISTING SURFACES WHICH REQUIRE ALTERING. D. INVERTS OF EXISTING DRAINAGE PIPING VIA CLEANOUT DEPTHS.
3.	SCANIX-RAY POST TENSION SLABS PRIOR TO ALTERATION. SHOP DRAWINGS SHALL REFLECT REBAR AND TENSION CABLE LOCATIONS. OPENINGS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER PRIOR TO PERFORMING ANY WORK.
4.	NOTIFY OWNER OF REQUIRED SYSTEM SHUTDOWNS AT LEAST TWO WEEKS PRIOR TO SHUTDOWN. EXACT SHUTDOWN TIME AND PROCEDURE SHALL BE COORDINATED WITH OWNER AT LEAST 96 HOURS PRIOR TO SHUTDOWN.
5.	WHEN PIPING, EQUIPMENT, OR FIXTURES ARE NOTATED TO BE PERMANENTLY REMOVED THEIR ASSOCIATED COMPONENTS SHALL ALSO BE REMOVED INCLUDING HANGERS, SUPPORTS, AND ACCESSORIES.
6.	COORDINATE THE DISCONNECTION AND REMOVAL OF POWERED SYSTEMS WHEN REMOVING POWERED PLUMBING EQUIPMENT.
7.	REPAIR EXISTING FLOORS, WALLS, AND CEILINGS IN ALTERED AREAS TO MATCH EXISTING. SEE ARCHITECTURAL PLANS FOR FINISH DETAILS IN REMODEL AREAS.
8.	THE CONTRACTOR SHALL NEATLY SAW CUT SECTIONS OF THE CONCRETE TO ACCESS THE WORK BELOW GRADE. REMOVE PORTIONS OF DEMOLISHED CONCRETE FROM THE SITE. REPAIR THE EXISTING SLAB PER PLUMBING/STRUCTURAL DETAILS WITHIN THE DRAWING SET.

GENERAL NOTES:	
1.	INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
2.	REVIEW ALL PROJECT DOCUMENTS INCLUDING SPECS AND DRAWINGS PERTAINING TO ALL DISCIPLINES PRIOR TO SUBMITTING A BID. SUBMIT PRE-BID REQUEST FOR INFORMATION FOR ITEMS IN QUESTION AND/OR CONFLICTS FOUND.
3.	DRAWINGS SHOW THE DESIGN INTENT DIAGRAMMATICALLY. THEY DO NOT SHOW THE EXACT UTILITY ROUTING NOR EVERY ELBOW, OFFSET, ETC. WHERE REQUIRED, THE CONTRACTOR SHALL MAKE ADJUSTMENTS TO THEIR SYSTEMS TO AVOID CONFLICT WITH THE STRUCTURE AND OTHER DISCIPLINES. THE COST FOR SUCH ADJUSTMENTS SHALL BE INCLUDED IN THE BID.
4.	OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR WORK PERFORMED.
5.	OBTAIN UTILITY PURVEYOR REQUIREMENTS PRIOR TO PURCHASING EQUIPMENT OR PERFORMING WORK.
6.	PROVIDE A COORDINATED SET OF SHOP DRAWINGS. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.
7.	PROVIDE FIRESTOPPING FOR ALL UTILITY PENETRATIONS THRU FIRE-RATED ASSEMBLIES.
8.	COORDINATE FRAMING REQUIREMENTS FOR ACCESS PANELS AND EQUIPMENT/PANEL SUPPORTS PRIOR TO SUBMITTING BID.
9.	THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE CORRECTION OF CONSTRUCTION DEFICIENCIES LISTED ON THE JOB SITE OBSERVATION REPORT. RETURN THE JOB SITE OBSERVATION REPORT TO A/E WITH DEFICIENCIES SIGNED OFF. PROVIDE PHOTOGRAPHIC AND/OR VIDEO EVIDENCE OF CORRECTED DEFICIENCIES IF REQUESTED BY THE ENGINEER.
10.	PROVIDE CLOSEOUT DOCUMENTATION UPON COMPLETION OF PROJECT. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.
11.	RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 65% OF THE NON-HAZARDOUS CONSTRUCTION AND DEMOLITION WASTE. UTILIZE A WASTE MANAGEMENT COMPANY THAT CAN PROVIDE VERIFIABLE DOCUMENTATION THAT THE PERCENTAGE OF CONSTRUCTION AND DEMOLITION WASTE MATERIAL DIVERTED FROM THE LANDFILL COMPLIES WITH CODE. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.

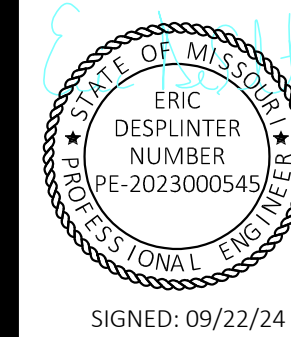
PLUMBING NOTES:	
1.	PLUMBING WORK SHALL BE CONSTRUCTED IN A PROFESSIONAL MANNER. ENSURE FIXTURES, EQUIPMENT, AND ASSOCIATED COMPONENTS ARE INSTALLED LEVEL AND PLUMB. SEALANT BETWEEN FIXTURES AND SURFACES SHALL BE EVEN AND NEAT. COMPONENTS SHALL BE CLEANED PRIOR TO OWNER TURNOVER.
2.	THE PLUMBING MATERIAL LIST SHALL BE USED AS THE BASIS OF DESIGN. MODEL NUMBERS ARE PROVIDED FOR REFERENCE ONLY. MATERIALS SHALL MEET DESCRIPTION OF SPECIFIED ITEMS. THE CONTRACTOR SHALL IDENTIFY ALL SELECTED OPTIONS IN THE SUBMITTAL.
3.	IF THE CONTRACTOR PROVIDES EQUIPMENT OTHER THAN THE BASIS OF DESIGN, THEY ARE RESPONSIBLE FOR ALL COSTS INCURRED AS A RESULT. THAT INCLUDES, BUT IS NOT LIMITED TO, AGENCY FEES FOR REVIEW OF CHANGES, STRUCTURAL MODIFICATIONS FOR INCREASED WEIGHT, AND ELECTRICAL EQUIPMENT, WIRING CONDUIT, AND BREAKER CHANGES FOR DIFFERENT ELECTRICAL REQUIREMENTS.
4.	COORDINATE POWER REQUIREMENTS PRIOR TO PROVIDING SUBMITTALS TO THE ENGINEER.
5.	PLUMBING FIXTURE HEIGHTS SHALL BE OBTAINED FROM ARCHITECTURAL ELEVATION DRAWINGS. PROVIDE ROUGH-INS ACCORDINGLY.
6.	SEE SPEC SECTION 221005, FOR PIPE SYSTEM INSTALLATION, TESTING, CLEANING, AND DISINFECTION REQUIREMENTS.
7.	PIPE, PIPE FITTINGS, FIXTURES, AND EQUIPMENT INTENDED TO DISPENSE WATER FOR HUMAN CONSUMPTION SHALL MEET NSF 61 LEAD FREE REQUIREMENTS, A MAX OF .25 WEIGHTED AVERAGE OF LEAD CONTENT.
8.	PAINT INTERIOR EXPOSED PIPING, VALVES, AND ASSOCIATED HANGERS/SUPPORTS LOCATED IN OCCUPIED SPACES TO MATCH THE SURROUNDING ARCHITECTURAL COLOR SCHEME. PAINT EXTERIOR PIPING, VALVES, AND ASSOCIATED HANGERS/SUPPORTS ADJACENT TO EXTERIOR WALL TO MATCH WALL COLOR. PAINT ROOFTOP GAS PIPING AND VALVES TO MATCH ROOF COLOR. FINAL COLORS SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER. SEE SPEC SECTION 220500 FOR ADDITIONAL REQUIREMENTS.
9.	PROVIDE IDENTIFICATION FOR PIPING, VALVES, AND EQUIPMENT PER SPEC SECTION 220553.
10.	INSULATION SHALL BE PROVIDED CONTINUOUS THROUGHOUT THE PIPING SYSTEM INCLUDING AT HANGERS/SUPPORTS, PIPE FITTINGS, VALVES, AND ACCESSORIES. OPENINGS SHALL BE PROVIDED TO ALLOW FOR VALVE HANDLE OPERATION AND ACCESS. INSULATION THICKNESS SHALL MEET THE LISTED ENERGY CODE MINIMUM REQUIREMENTS. SEE SPEC SECTION 220719 FOR SYSTEMS REQUIRING INSULATION AND ADDITIONAL INSTALLATION REQUIREMENTS.
11.	VALVES SHALL BE ACCESSIBLE. PROVIDE KEYED ACCESS PANELS WHERE VALVES HAVE BEEN LOCATED IN CONCEALED AREAS. ACCESS PANEL SIZE SHALL BE LARGE ENOUGH TO ACCESS EACH VALVE AND FOR FULL VALVE OPERATION.
12.	CLEANOUTS SHALL BE PROVIDED PER PLUMBING CODE REQUIREMENTS. IN ADDITION, PROVIDE CLEANOUTS AT LAVATORIES. CLEANOUTS SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS.
13.	WATER HAMMER ARRESTORS SHALL BE PROVIDED AT QUICK-CLOSING VALVES INCLUDING FLUSH VALVES, EQUIPMENT, AND AUTOMATIC FAUCETS. PROVIDE ACCESS PANELS WHERE ARRESTORS HAVE BEEN INSTALLED IN CONCEALED SPACES. SEE DETAILS AND PLUMBING MATERIAL LIST FOR ADDITIONAL REQUIREMENTS.
14.	TRAP PRIMERS AND SUPPLY LINES SHALL BE PROVIDED AT EQUIPMENT AND FIXTURE DRAINS NOT RECEIVING REGULAR DISCHARGE. PROVIDE ACCESS PANELS WHERE PRIMERS HAVE BEEN INSTALLED IN CONCEALED SPACES. SEE DETAILS AND PLUMBING MATERIAL LIST FOR ADDITIONAL REQUIREMENTS.

PLUMBING SHEET INDEX:	
Sheet Number	Sheet Name
P-001	PLUMBING COVER SHEET
P-101	PLUMBING GUHLEMAN WEST BUILDING - FIRST FLOOR - G1 - DEMO
P-102	PLUMBING GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - DEMO
P-103	PLUMBING GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - DEMO
P-104	PLUMBING GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - DEMO
P-105	PLUMBING GUHLEMAN EAST BUILDING - FIRST FLOOR - G5 - DEMO
P-106	PLUMBING GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - DEMO
P-107	PLUMBING HEARNES BUILDING - H1 - DEMO
P-108	PLUMBING HEARNES BUILDING - H2 - DEMO
P-109	PLUMBING GUHLEMAN WEST BUILDING - FIRST FLOOR - G1 - REMODEL
P-110	PLUMBING GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - REMODEL
P-111	PLUMBING GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - REMODEL
P-112	PLUMBING GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - REMODEL
P-113	PLUMBING GUHLEMAN EAST BUILDING - FIRST FLOOR - G5 - REMODEL
P-114	PLUMBING GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - REMODEL
P-115	PLUMBING HEARNES BUILDING - H1 - REMODEL
P-116	PLUMBING HEARNES BUILDING - H2 - REMODEL
P-501	PLUMBING DETAILS
P-601	PLUMBING SCHEDULES

CODES AND STANDARDS:	
EDITION	REFERENCE CODE/STANDARD
2010	AMERICANS WITH DISABILITIES ACT (ADAAG)
2021	INTERNATIONAL BUILDING CODE, (IBC)
2023	NATIONAL ELECTRICAL CODE, (NEC)
2021	INTERNATIONAL MECHANICAL CODE, (IMC)
2021	INTERNATIONAL PLUMBING CODE, (IPC)
2021	NATIONAL LIFE SAFETY CODE, (NFPA 101)
2022	ENERGY EFFICIENCY STANDARD, (ASHRAE 90.1)
NFPA-NATIONAL FIRE PROTECTION AGENCY	

GENERAL LEGEND:	
SYMBOL	DESCRIPTION
	DETAIL CALL-OUT SYMBOL
	EQUIPMENT TAG
	KEYNOTE SYMBOL
	POINT OF CONNECTION OR DISCONNECTION
	SECTION CUT CALL-OUT SYMBOL
	ENLARGED PLAN CALL-OUT SYMBOL
LINETYPE	DESCRIPTION
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	NEW CONSTRUCTION
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

STATE OF MISSOURI
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ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026, 6517352027, 6517352031

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 09/22/24

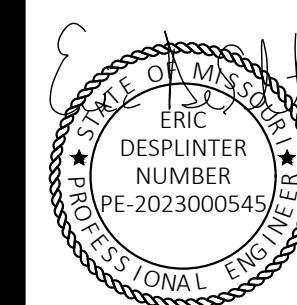
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DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING
COVERSHEET**

SHEET NUMBER:

P-001

SHEET 48 OF 66
SEPTEMBER 22, 2024



SIGNED: 09/22/24



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FULTON, MISSOURI

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SITE # 7352
ASSET # 6517352027

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DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: P-DP-01
DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G1 - DEMO**

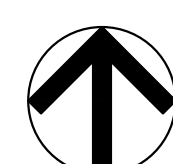
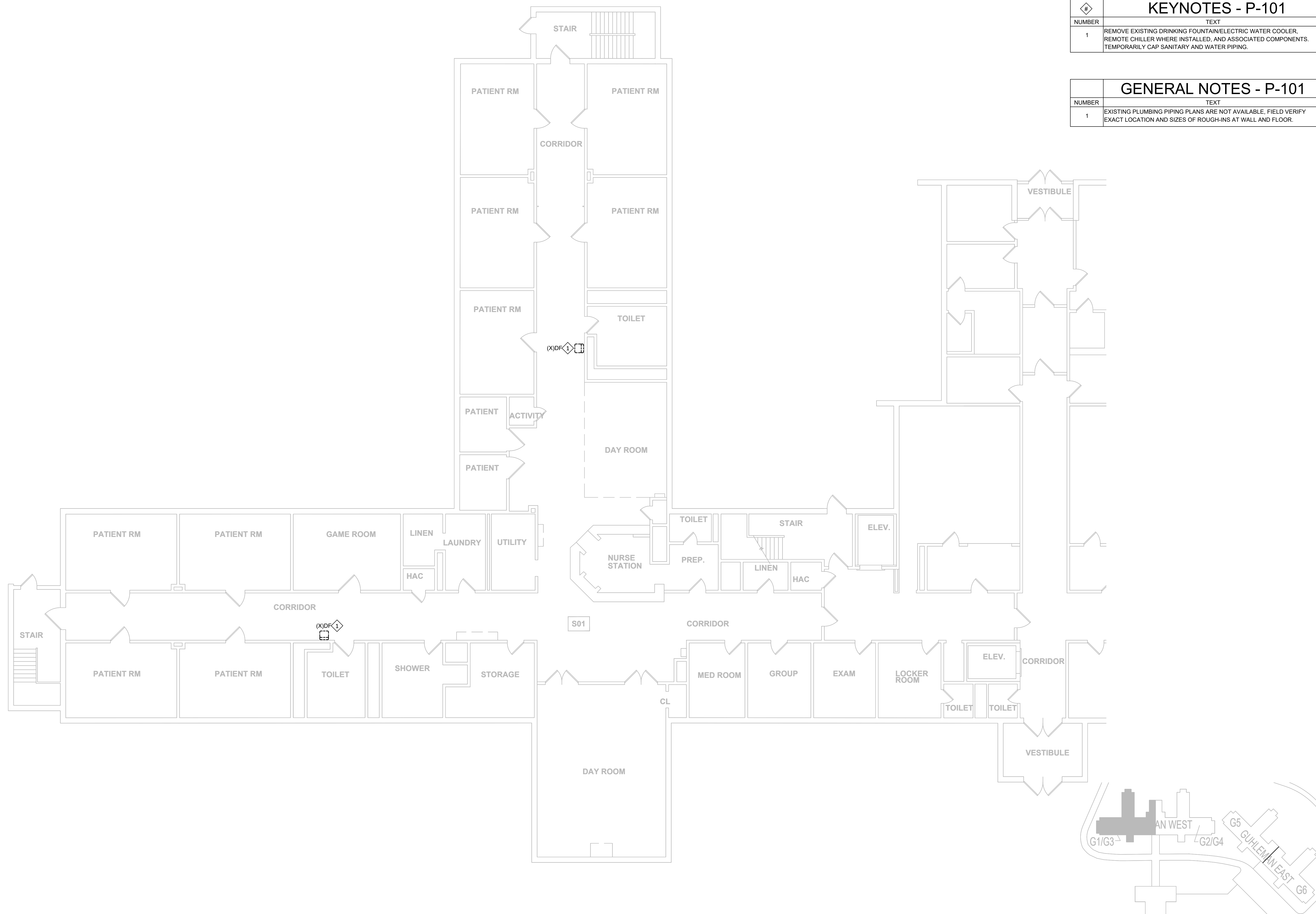
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P-101

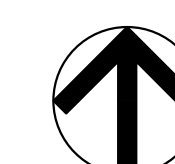
SHEET 49 OF 66
SEPTEMBER 22, 2024

KEYNOTES - P-101	
NUMBER	TEXT
1	REMOVE EXISTING DRINKING FOUNTAIN/ELECTRIC WATER COOLER. REMOTE CHILLER WHERE INSTALLED, AND ASSOCIATED COMPONENTS. TEMPORARILY CAP SANITARY AND WATER PIPING.

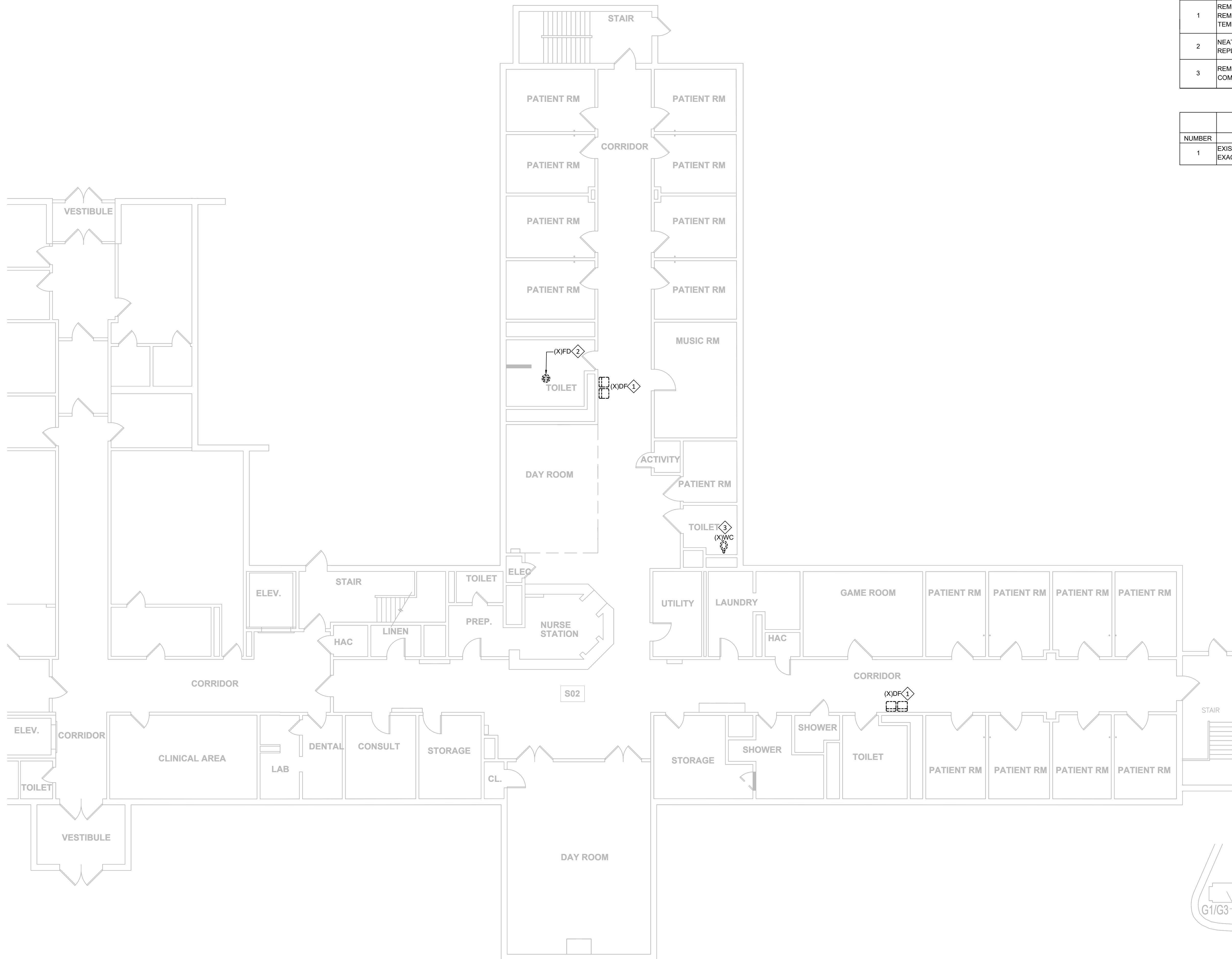
GENERAL NOTES - P-101	
NUMBER	TEXT
1	EXISTING PLUMBING PIPING PLANS ARE NOT AVAILABLE. FIELD VERIFY EXACT LOCATION AND SIZES OF ROUGH-INS AT WALL AND FLOOR.



PLUMBING GUHLEMAN WEST BUILDING - FIRST FLOOR - G1 - DEMO
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS



KEYNOTES - P-102	
NUMBER	TEXT
1	REMOVE EXISTING DRINKING FOUNTAIN/ELECTRIC WATER COOLER. REMOTE CHILLER WHERE INSTALLED, AND ASSOCIATED COMPONENTS. TEMPORARILY CAP SANITARY AND WATER PIPING.
2	NEATLY SAWCUT FLOOR TO REMOVE EXISTING DRAIN BODY FOR REPLACEMENT. TEMPORARILY CAP SANITARY AND TRAP PRIMER PIPING.
3	REMOVE EXISTING WATER CLOSET FIXTURE AND ASSOCIATED COMPONENTS. TEMPORARILY CAP SANITARY AND WATER PIPING.

GENERAL NOTES - P-102	
NUMBER	TEXT
1	EXISTING PLUMBING PIPING PLANS ARE NOT AVAILABLE. FIELD VERIFY EXACT LOCATION AND SIZES OF ROUGH-INS AT WALL AND FLOOR.

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FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

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DATE: _____
REVISION: _____
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DATE: _____
ISSUE DATE: 09/22/24

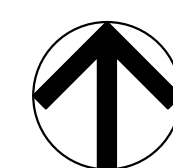
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DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G2 - DEMO**

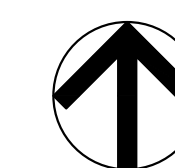
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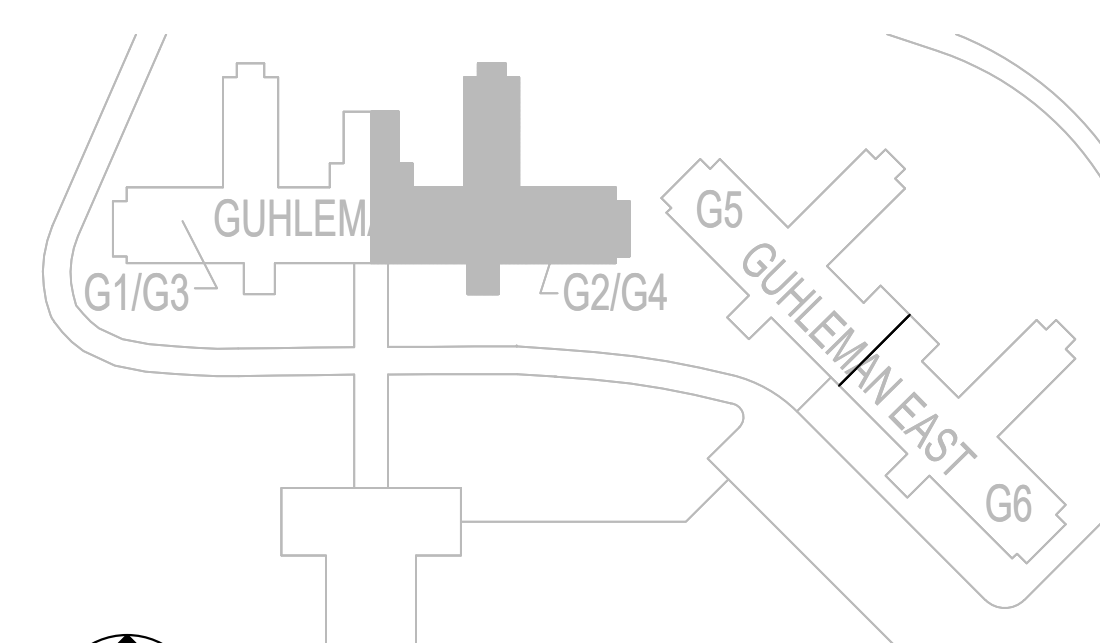
SHEET 50 OF 66
SEPTEMBER 22, 2024

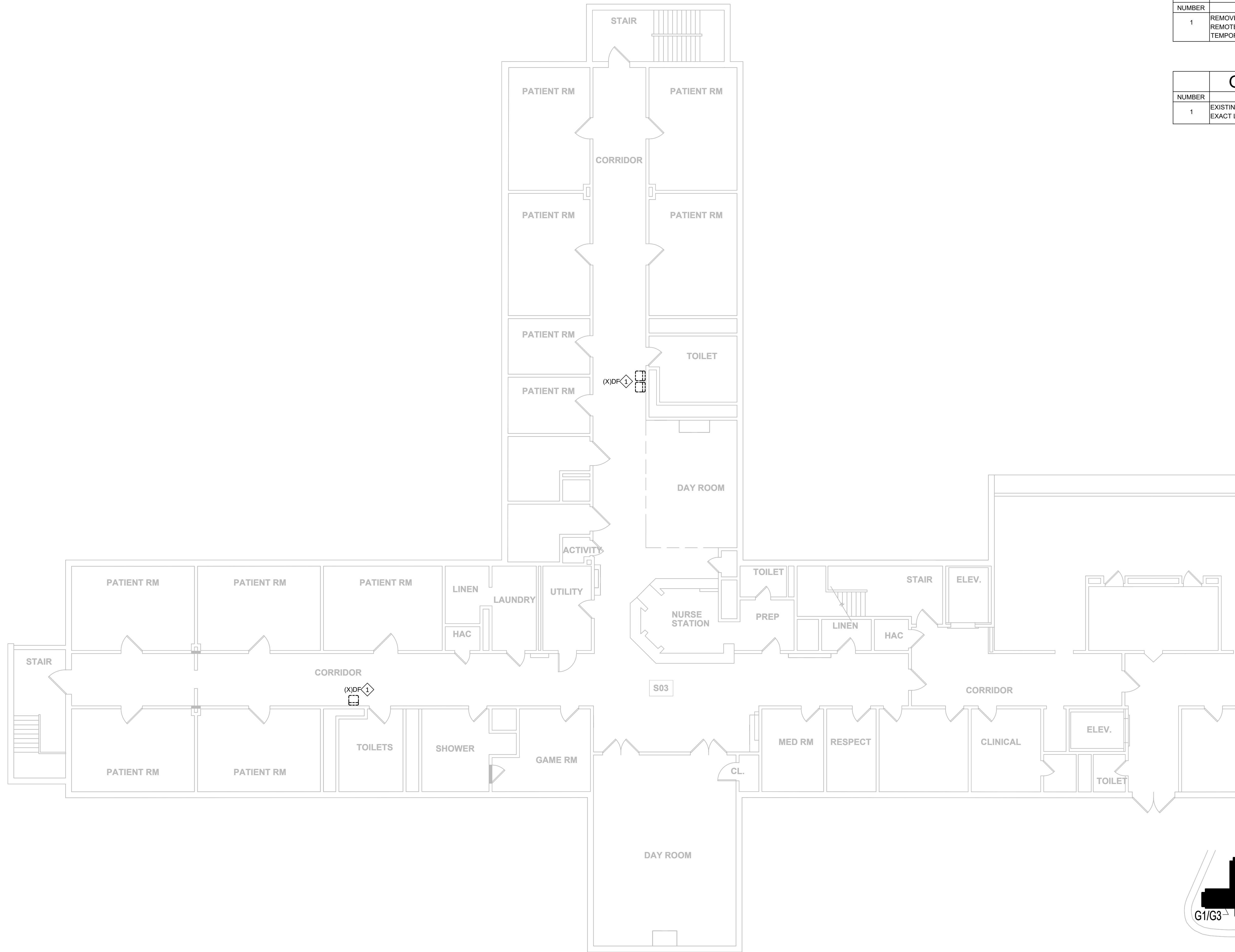


PLUMBING GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - DEMO
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS





KEYNOTES - P-103	
NUMBER	TEXT
1	REMOVE EXISTING DRINKING FOUNTAIN/ELECTRIC WATER COOLER. REMOTE CHILLER WHERE INSTALLED, AND ASSOCIATED COMPONENTS. TEMPORARILY CAP SANITARY AND WATER PIPING.

GENERAL NOTES - P-103	
NUMBER	TEXT
1	EXISTING PLUMBING PIPING PLANS ARE NOT AVAILABLE. FIELD VERIFY EXACT LOCATION AND SIZES OF ROUGH-INS AT WALL AND FLOOR.

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ASSET # 6517352027

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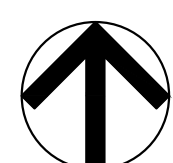
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SHEET TITLE:
**PLUMBING
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G3 - DEMO**

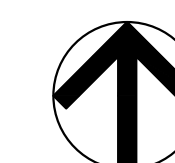
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P-103

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SEPTEMBER 22, 2024

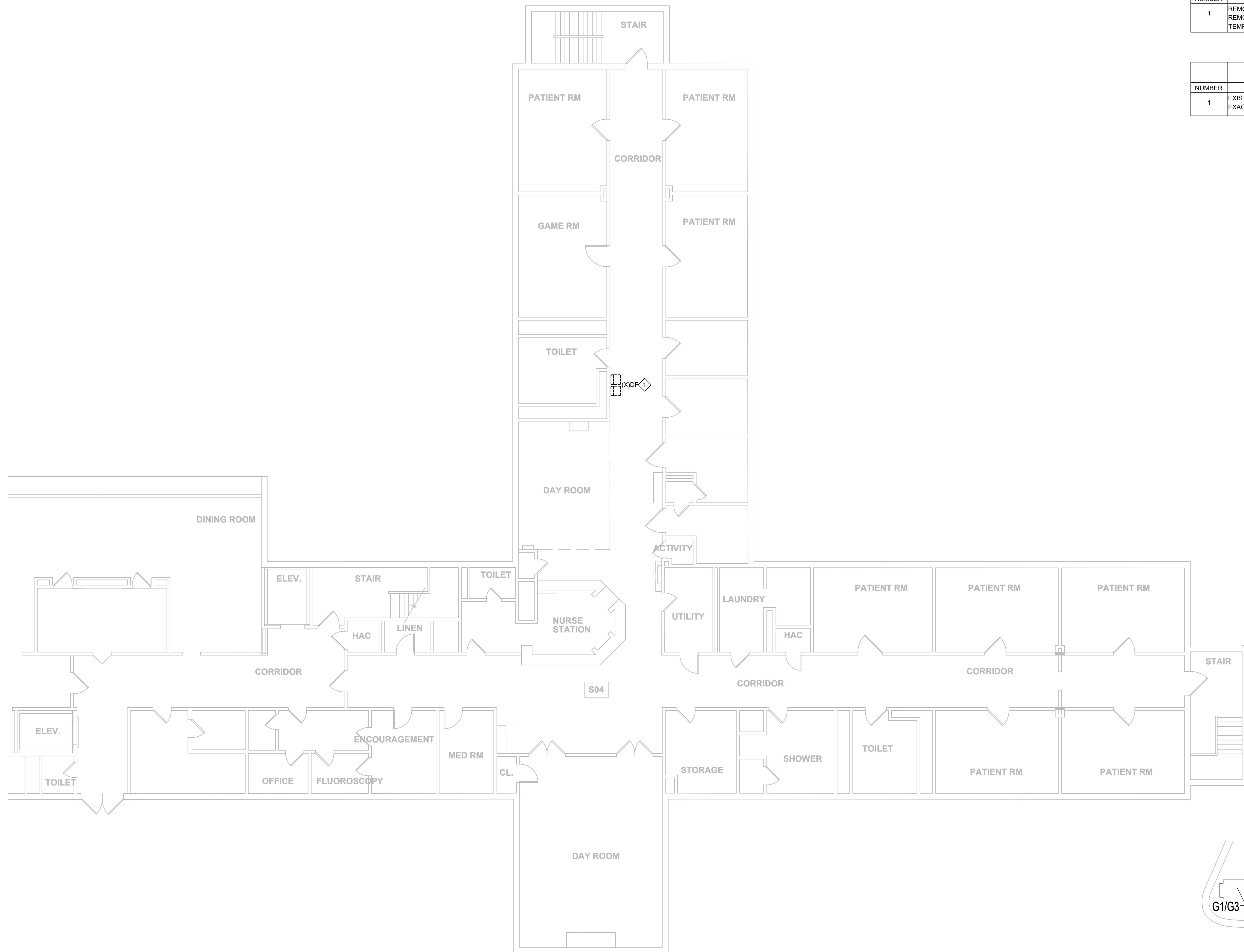


PLUMBING GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - DEMO
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS

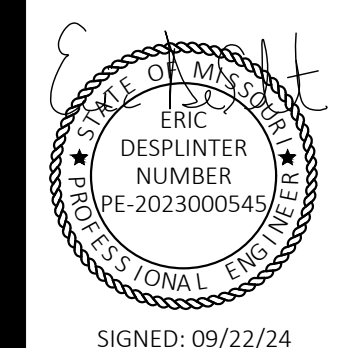




KEYNOTES - P-104	
NUMBER	TEXT
1	REMOVE EXISTING DRINKING FOUNTAIN/ELECTRIC WATER COOLER. REMOTE CHILLER WHERE INSTALLED, AND ASSOCIATED COMPONENTS. TEMPORARILY CAP SANITARY AND WATER PIPING.

GENERAL NOTES - P-104	
NUMBER	TEXT
1	EXISTING PLUMBING PIPING PLANS ARE NOT AVAILABLE. FIELD VERIFY EXACT LOCATION AND SIZES OF ROUGH-INS AT WALL AND FLOOR.

STATE OF MISSOURI
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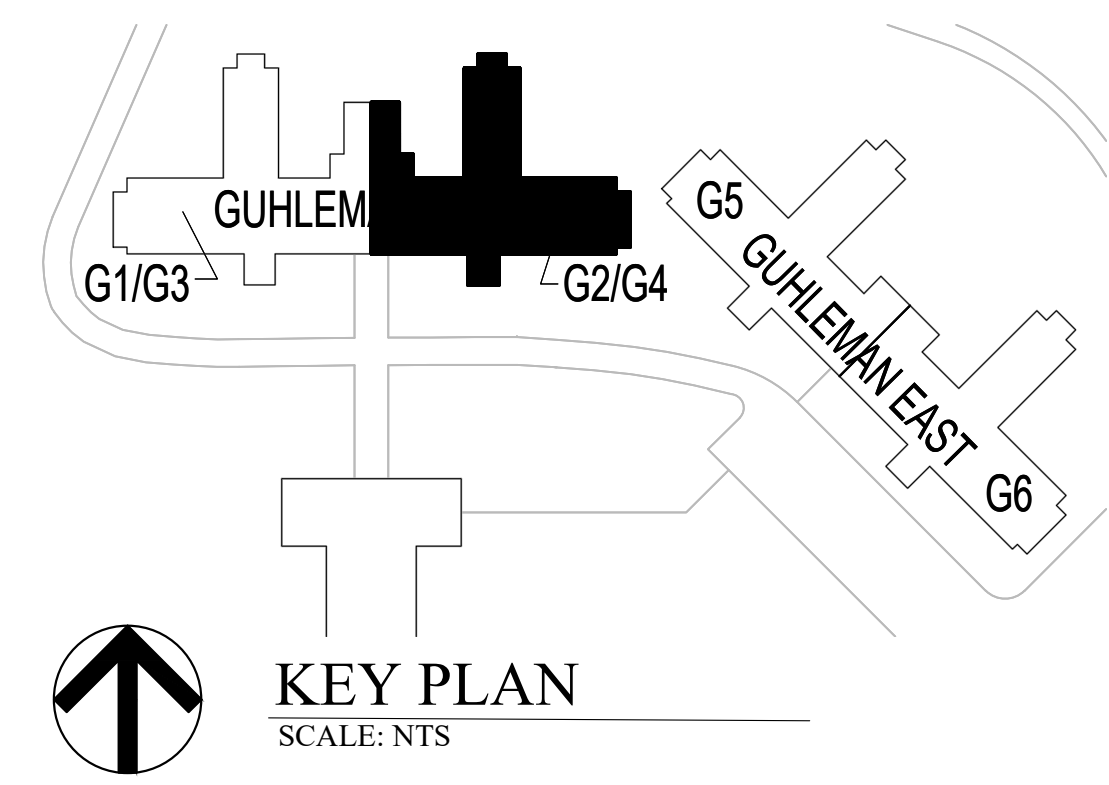
PROJECT # M2312-01
SITE # 7352
ASSET # 6517352027

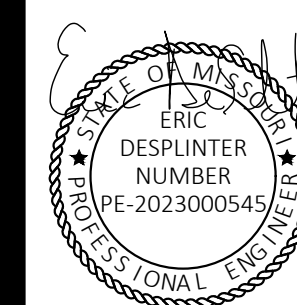
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REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: P-DP-01
DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
PLUMBING
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G4 - DEMO
SHEET NUMBER:

P-104
SHEET 52 OF 66
SEPTEMBER 22, 2024





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FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: P-DP-01
DRAWN BY: PSK
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DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G5 - DEMO**

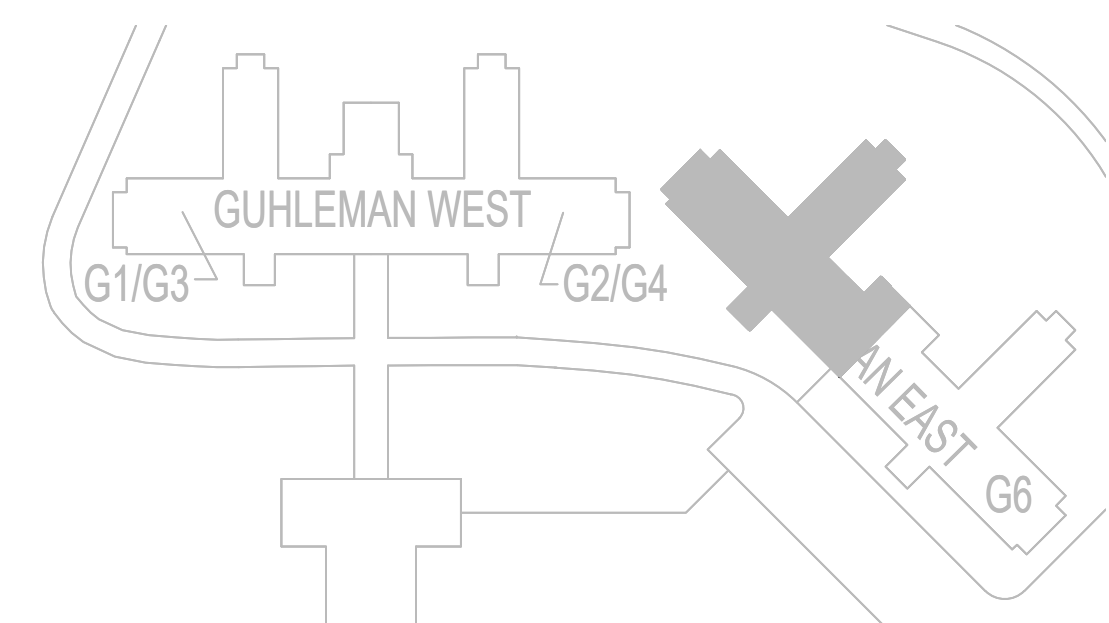
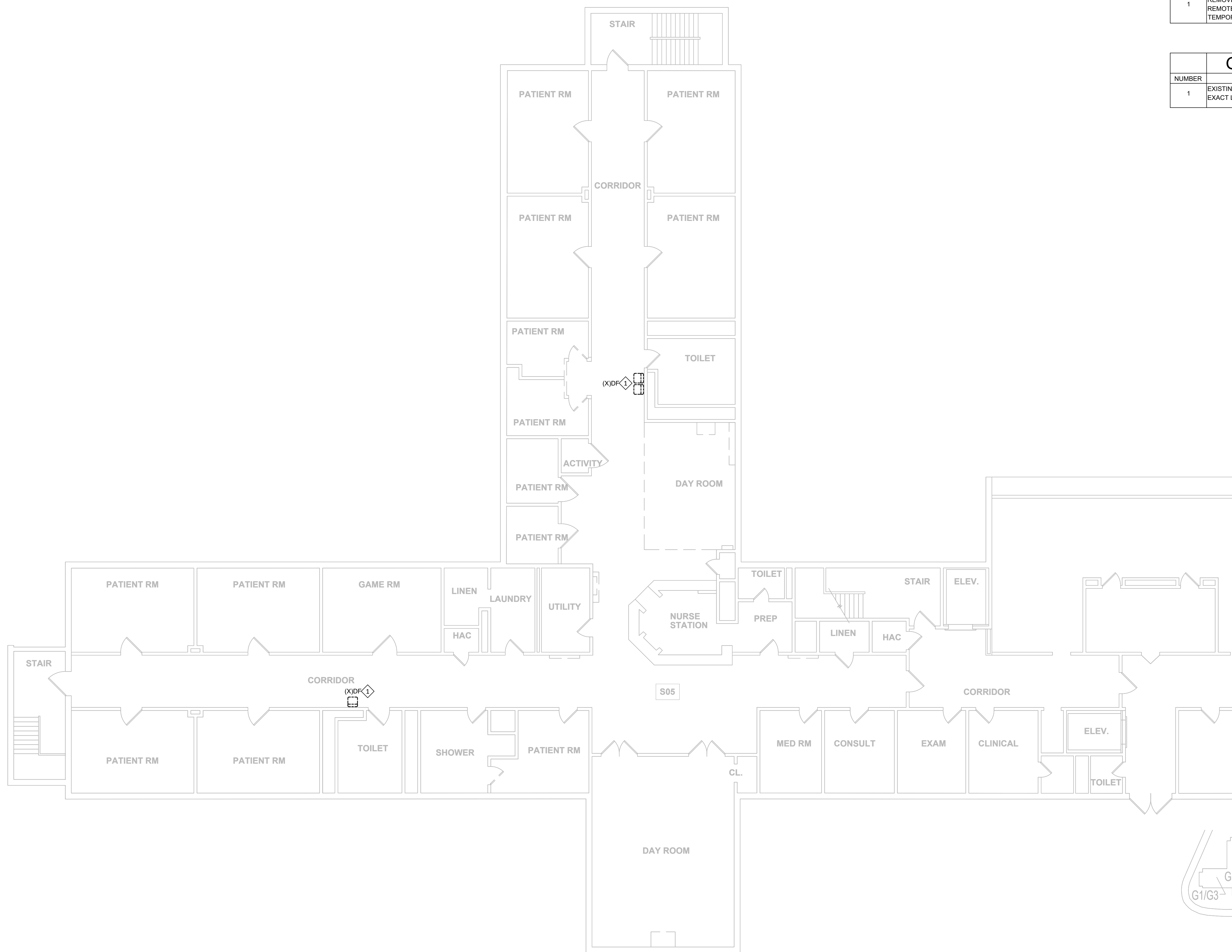
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P-105

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SEPTEMBER 22, 2024

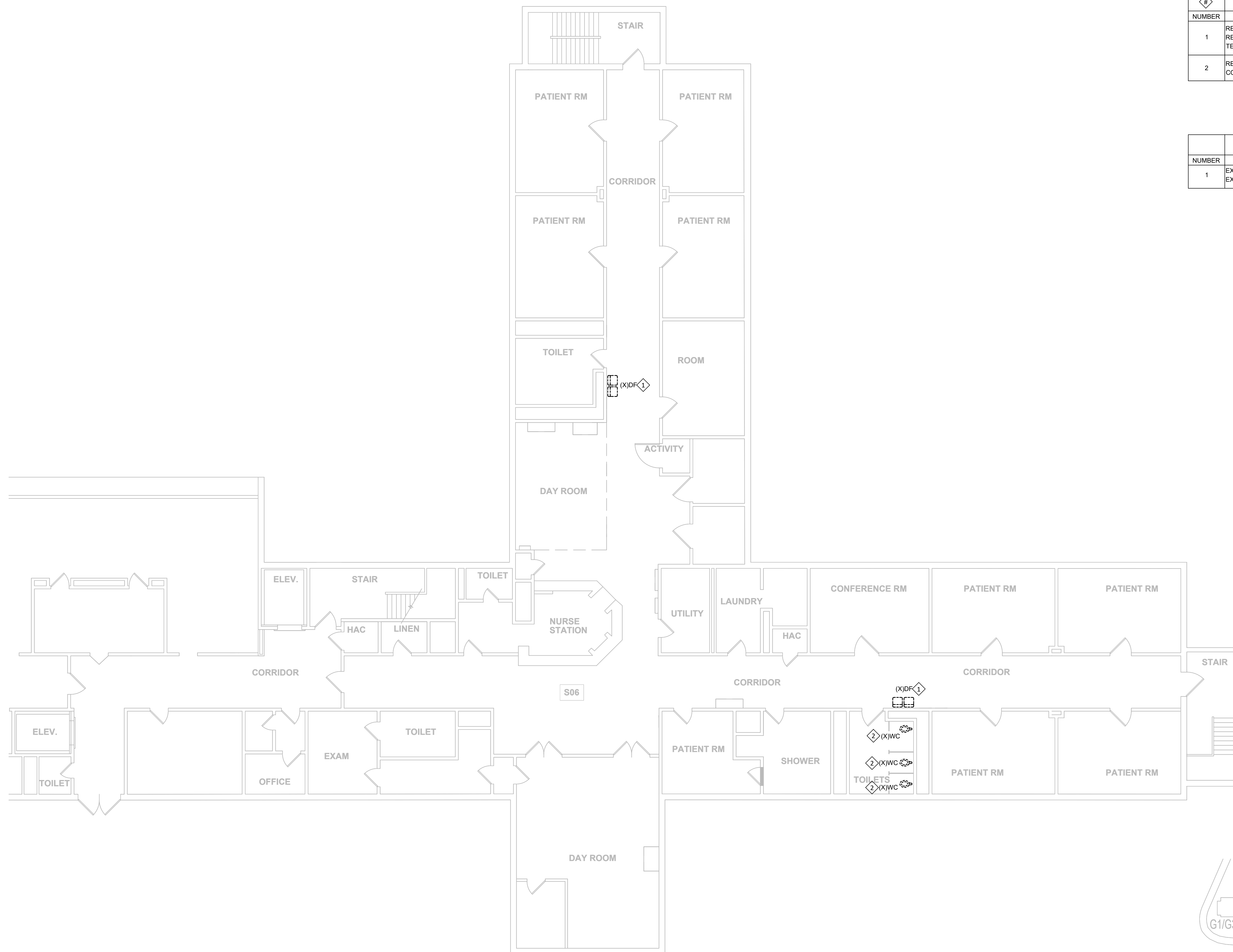
KEYNOTES - P-105	
NUMBER	TEXT
1	REMOVE EXISTING DRINKING FOUNTAIN/ELECTRIC WATER COOLER. REMOTE CHILLER WHERE INSTALLED, AND ASSOCIATED COMPONENTS. TEMPORARILY CAP SANITARY AND WATER PIPING.

GENERAL NOTES - P-105	
NUMBER	TEXT
1	EXISTING PLUMBING PIPING PLANS ARE NOT AVAILABLE. FIELD VERIFY EXACT LOCATION AND SIZES OF ROUGH-INS AT WALL AND FLOOR.



KEY PLAN
SCALE: NTS

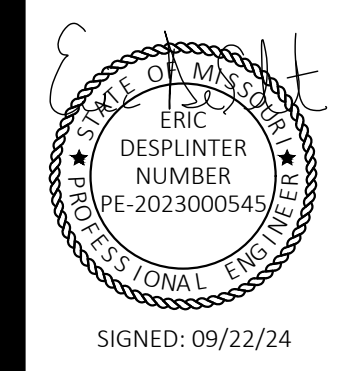
PLUMBING GUHLEMAN EAST BUILDING - FIRST FLOOR - G5 - DEMO
SCALE: 1/8"=1'-0"



KEYNOTES - P-106	
NUMBER	TEXT
1	REMOVE EXISTING DRINKING FOUNTAIN/ELECTRIC WATER COOLER. REMOTE CHILLER WHERE INSTALLED, AND ASSOCIATED COMPONENTS. TEMPORARILY CAP SANITARY AND WATER PIPING.
2	REMOVE EXISTING WATER CLOSET FIXTURE AND ASSOCIATED COMPONENTS. TEMPORARILY CAP SANITARY AND WATER PIPING.

GENERAL NOTES - P-106	
NUMBER	TEXT
1	EXISTING PLUMBING PIPING PLANS ARE NOT AVAILABLE. FIELD VERIFY EXACT LOCATION AND SIZES OF ROUGH-INS AT WALL AND FLOOR.

STATE OF MISSOURI
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ANTI-LIGATURE UPGRADES
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FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

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REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

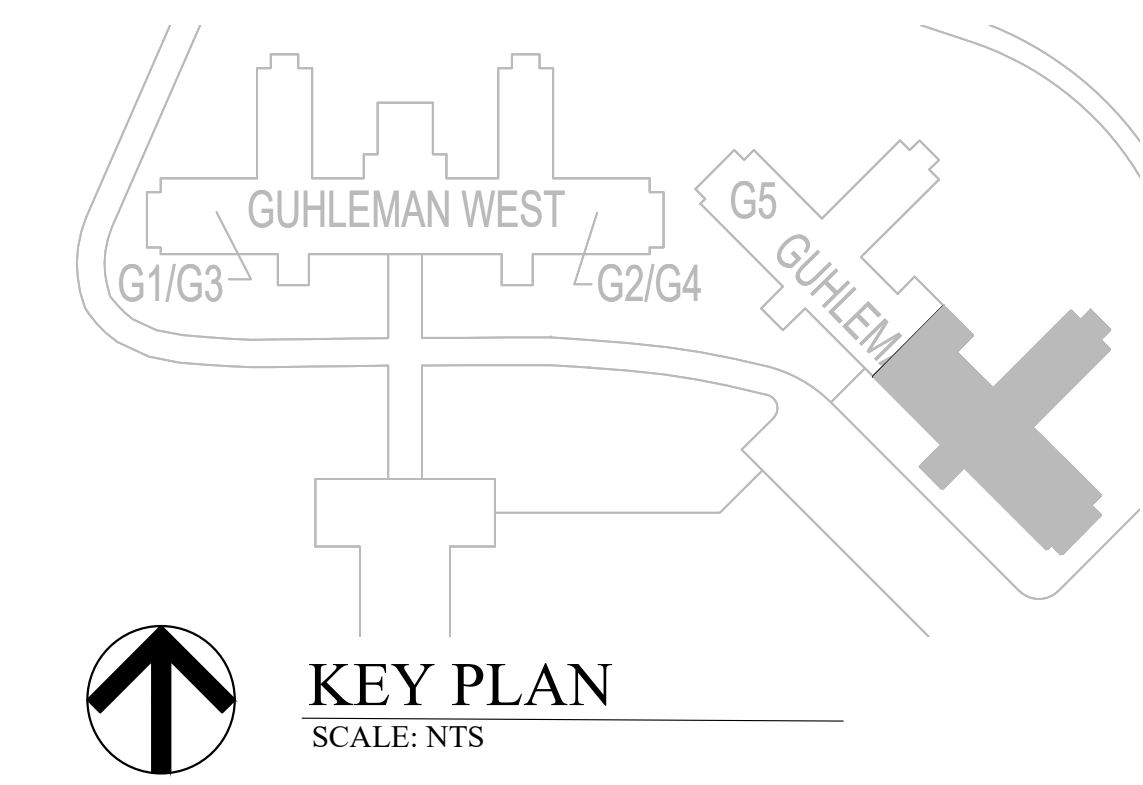
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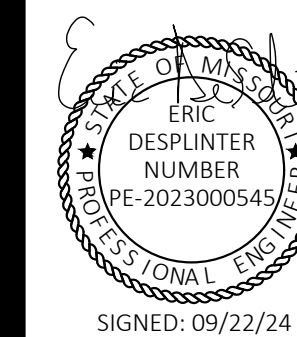
SHEET TITLE:
**PLUMBING
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G6 - DEMO**

SHEET NUMBER:

P-106

SHEET 54 OF 66
SEPTEMBER 22, 2024





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ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352031

REVISION: _____
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REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: P-DP-01
DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
PLUMBING HEARNES
BUILDING - H1 - DEMO

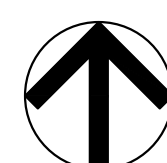
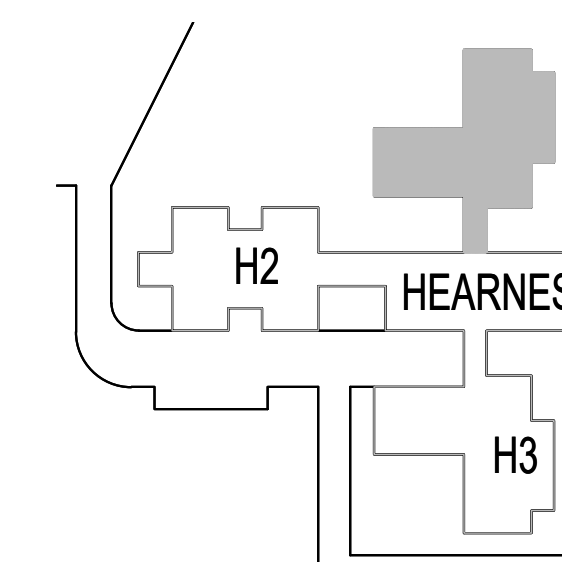
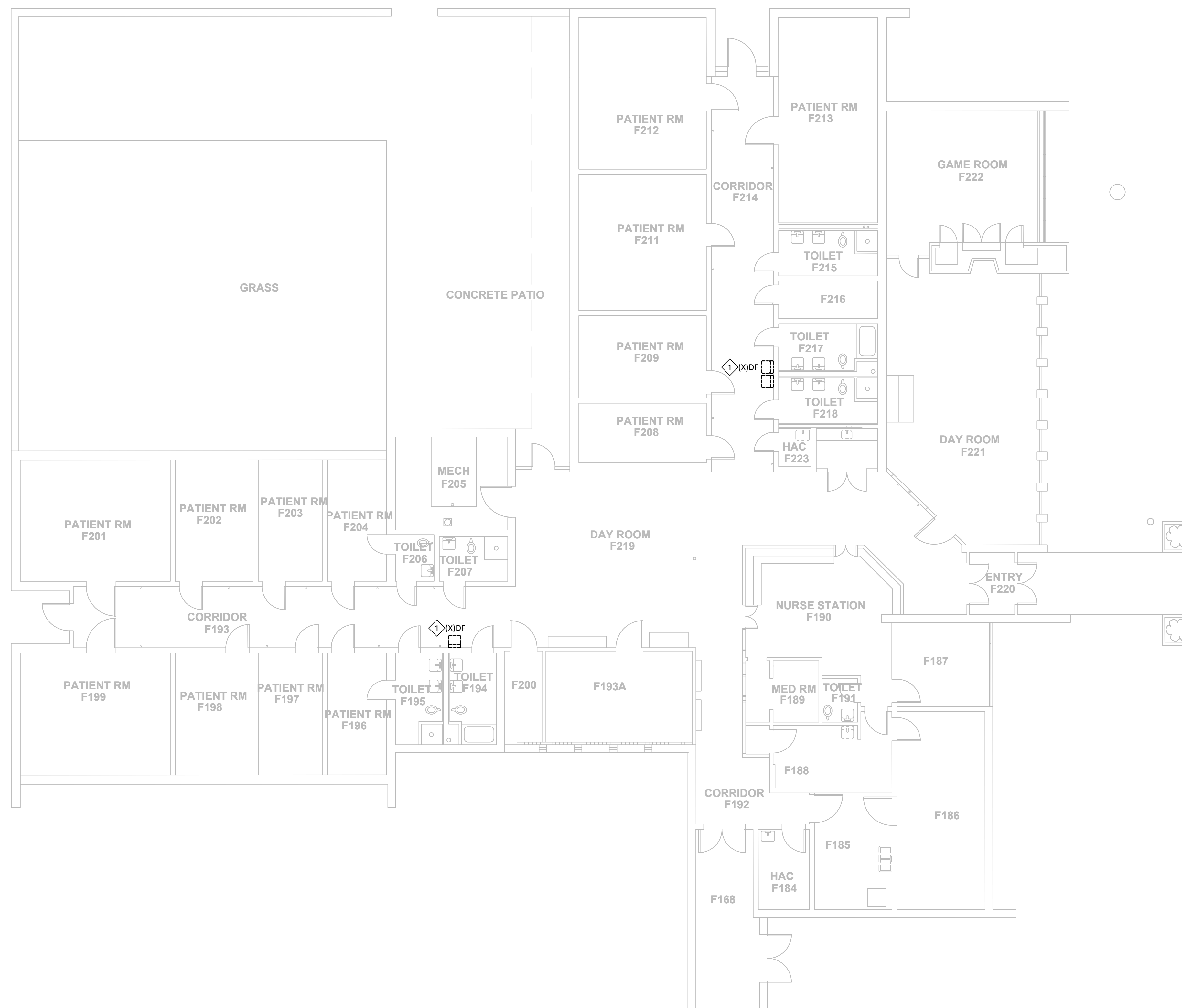
SHEET NUMBER:

P-107

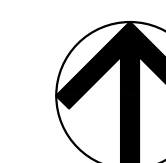
SHEET 55 OF 66
SEPTEMBER 22, 2024

#	KEYNOTES - P-107
NUMBER	TEXT
1	REMOVE EXISTING DRINKING FOUNTAIN/ELECTRIC WATER COOLER. REMOTE CHILLER WHERE INSTALLED, AND ASSOCIATED COMPONENTS. TEMPORARILY CAP SANITARY AND WATER PIPING.

#	GENERAL NOTES - P-107
NUMBER	TEXT
1	EXISTING PLUMBING PIPING PLANS ARE NOT AVAILABLE. FIELD VERIFY EXACT LOCATION AND SIZES OF ROUGH-INS AT WALL AND FLOOR.



PLUMBING HEARNES BUILDING - H1 - DEMO
SCALE: 1/8"=1'-0"



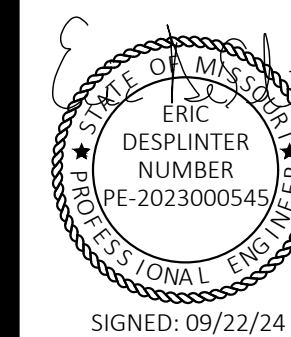
KEY PLAN
SCALE: NTS



KEYNOTES - P-108	
NUMBER	TEXT
1	REMOVE EXISTING DRINKING FOUNTAIN/ELECTRIC WATER COOLER. REMOTE CHILLER WHERE INSTALLED, AND ASSOCIATED COMPONENTS. TEMPORARILY CAP SANITARY AND WATER PIPING.

GENERAL NOTES - P-108	
NUMBER	TEXT
1	EXISTING PLUMBING PIPING PLANS ARE NOT AVAILABLE. FIELD VERIFY EXACT LOCATION AND SIZES OF ROUGH-INS AT WALL AND FLOOR.

STATE OF MISSOURI
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ASSET # 6517352031

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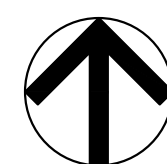
CAD DWG FILE: P-DP-01
DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
PLUMBING HEARNES
BUILDING - H2 - DEMO

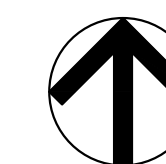
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P-108

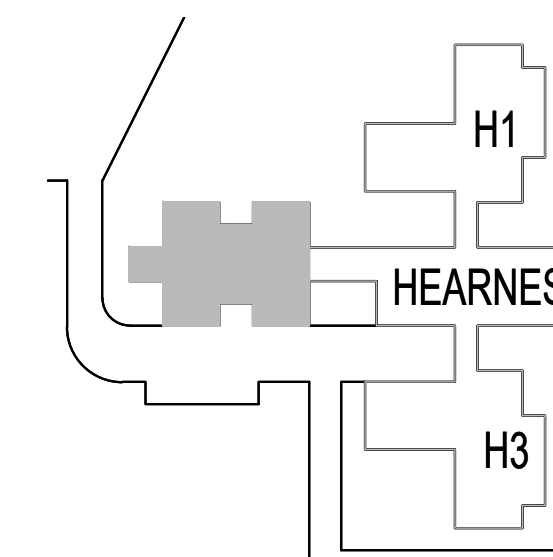
SHEET 56 OF 66
SEPTEMBER 22, 2024



PLUMBING HEARNES BUILDING - H2 - DEMO
SCALE: 1/8"=1'-0"

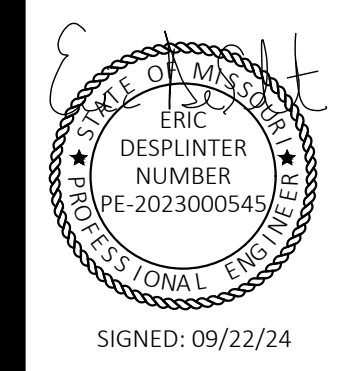


KEY PLAN
SCALE: NTS



KEYNOTES - P-109	
#	TEXT
1	PROVIDE NEW ELECTRIC WATER COOLER, REMOTE CHILLER, AND ASSOCIATED COMPONENTS AS SCHEDULED. MODIFY SANITARY, VENT, AND WATER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. SEE ELECTRICAL DRAWINGS FOR MODIFIED POWER CONNECTION. PATCH AND REPAIR WALL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

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ASSET # 6517352027

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REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

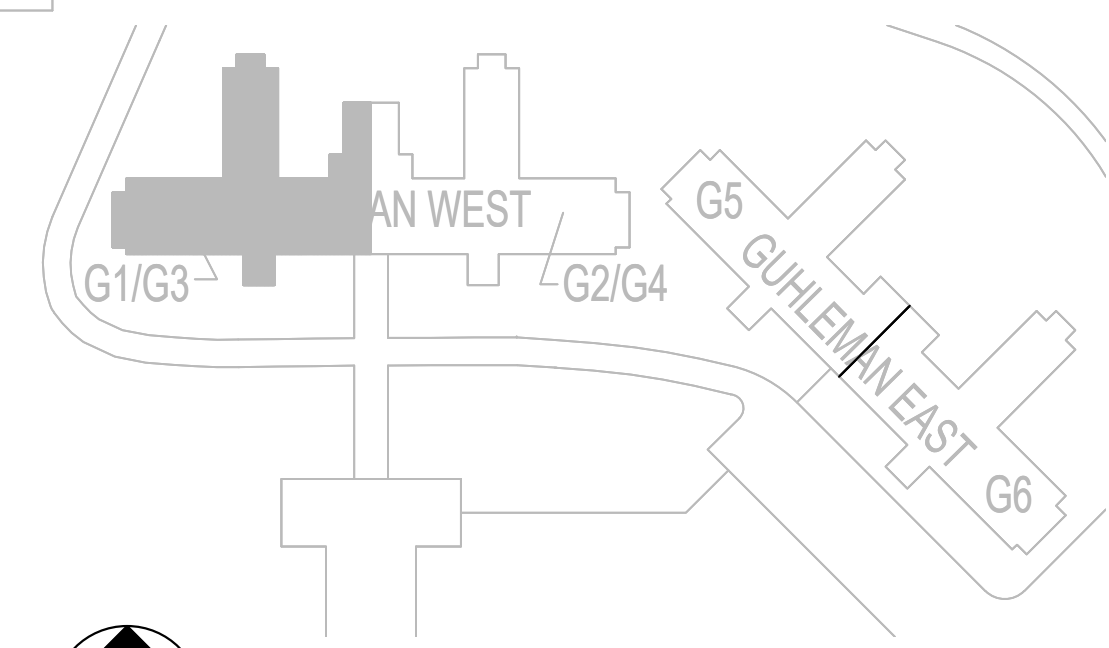
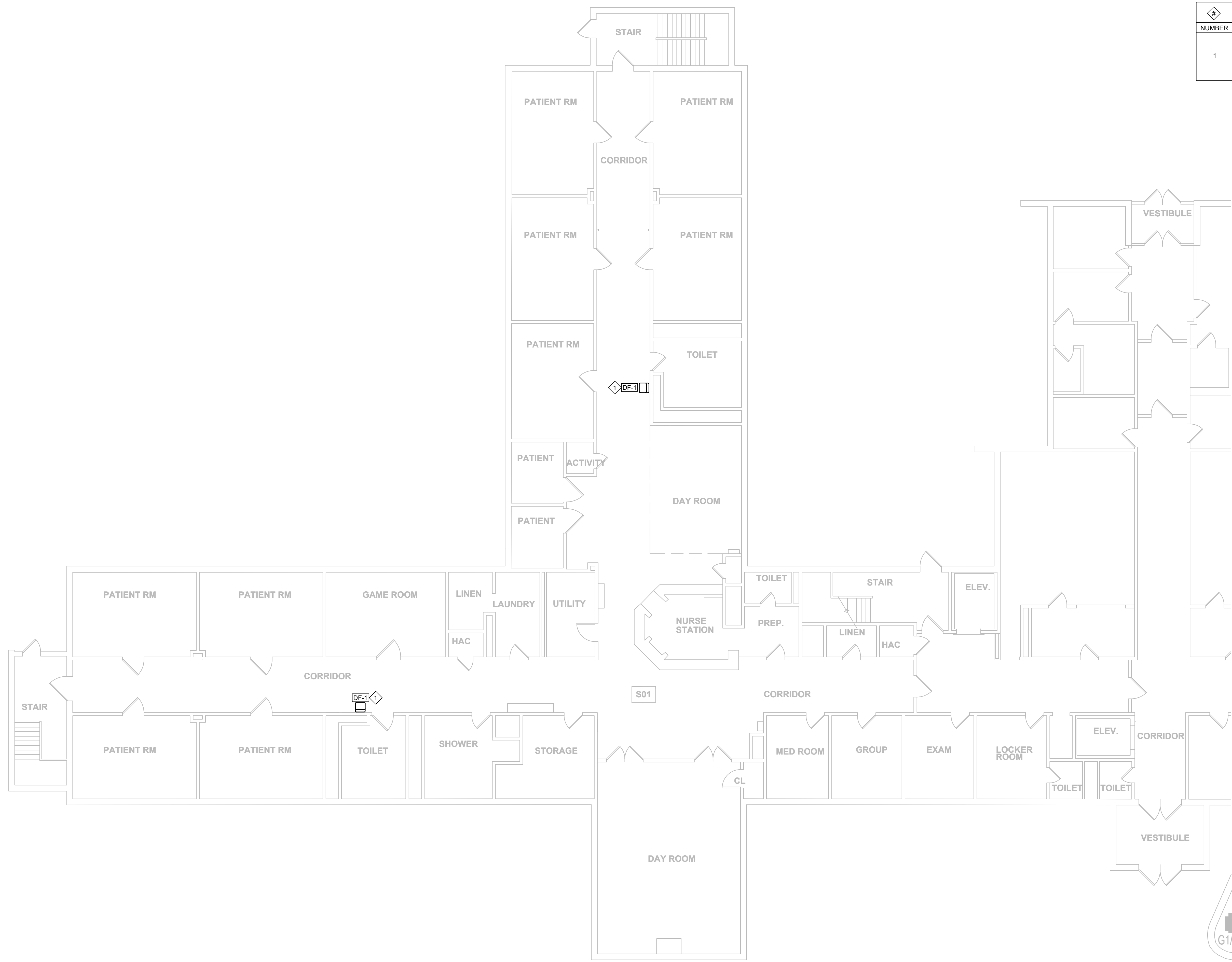
CAD DWG FILE: P-FP-01
DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G1 - REMODEL**

SHEET NUMBER:

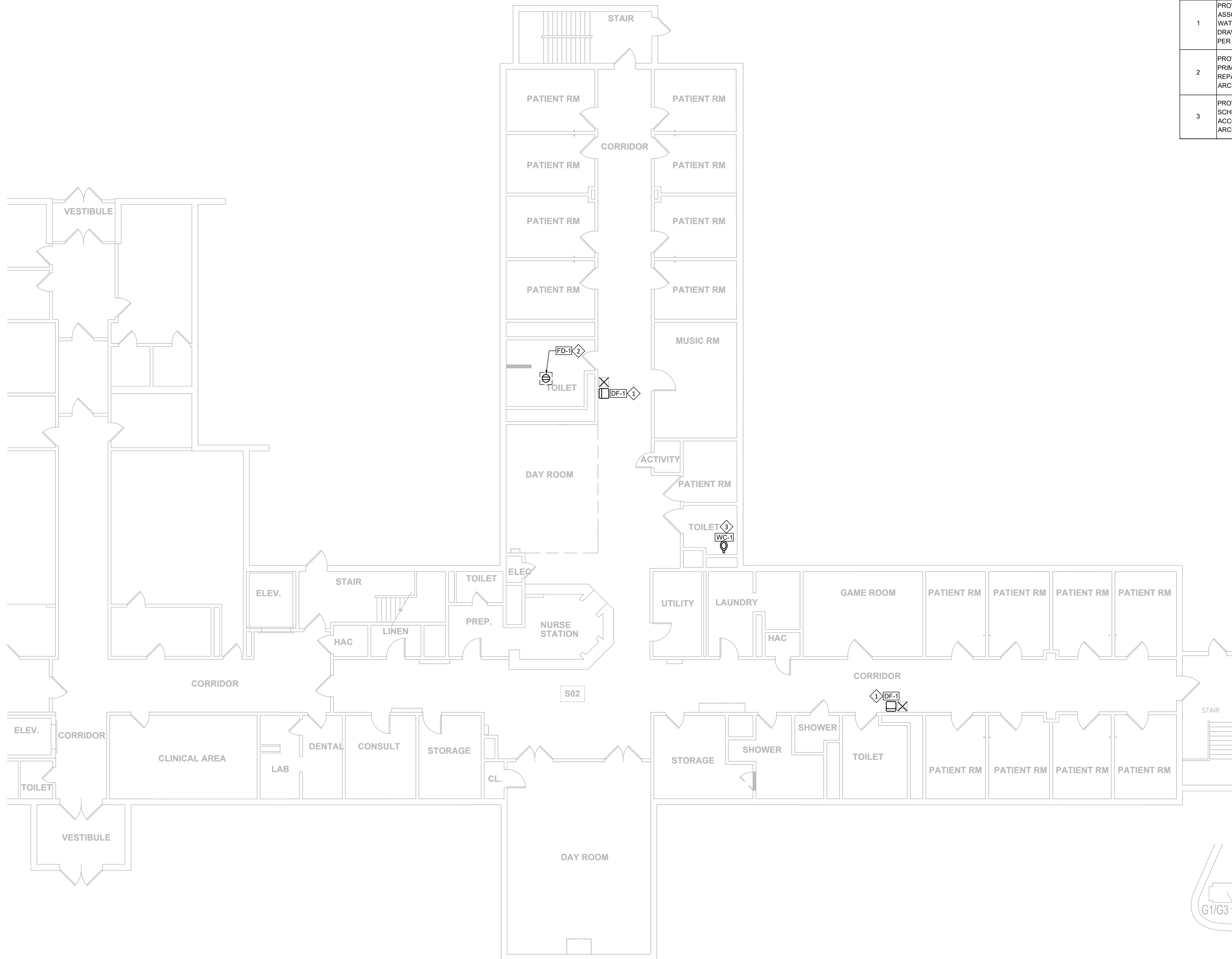
P-109

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SEPTEMBER 22, 2024



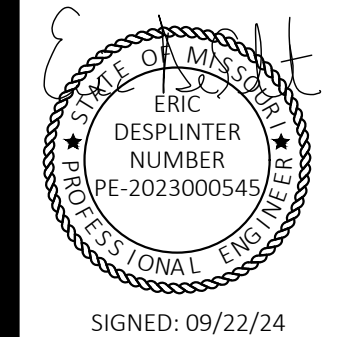
KEY PLAN
SCALE: NTS

PLUMBING GUHLEMAN WEST BUILDING - FIRST FLOOR - G1 - REMODEL
SCALE: 1/8"=1'-0"



KEYNOTES - P-110	
#	TEXT
1	PROVIDE NEW ELECTRIC WATER COOLER, REMOTE CHILLER, AND ASSOCIATED COMPONENTS AS SCHEDULED. MODIFY SANITARY, VENT, AND WATER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. SEE ELECTRICAL DRAWINGS FOR MODIFIED POWER CONNECTION. PATCH AND REPAIR WALL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
2	PROVIDE NEW FLOOR DRAIN AS SCHEDULED. MODIFY SANITARY AND TRAP PRIMER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. BACKFILL AND REPAIR CONCRETE PER DETAIL 1/P-501. PATCH AND REPAIR FLOOR PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
3	PROVIDE NEW WATER CLOSET AND ASSOCIATED COMPONENTS AS SCHEDULED. MODIFY SANITARY, VENT, AND WATER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. PATCH AND REPAIR FLOOR AND WALL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

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ASSET # 6517352027

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ISSUE DATE: 09/22/24

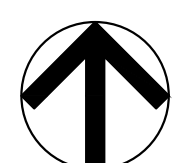
CAD DWG FILE: P-FP-01
DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING
GUHLEMAN WEST
BUILDING - FIRST
FLOOR - G2 - REMODEL**

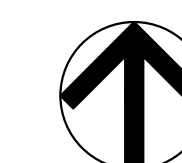
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P-110

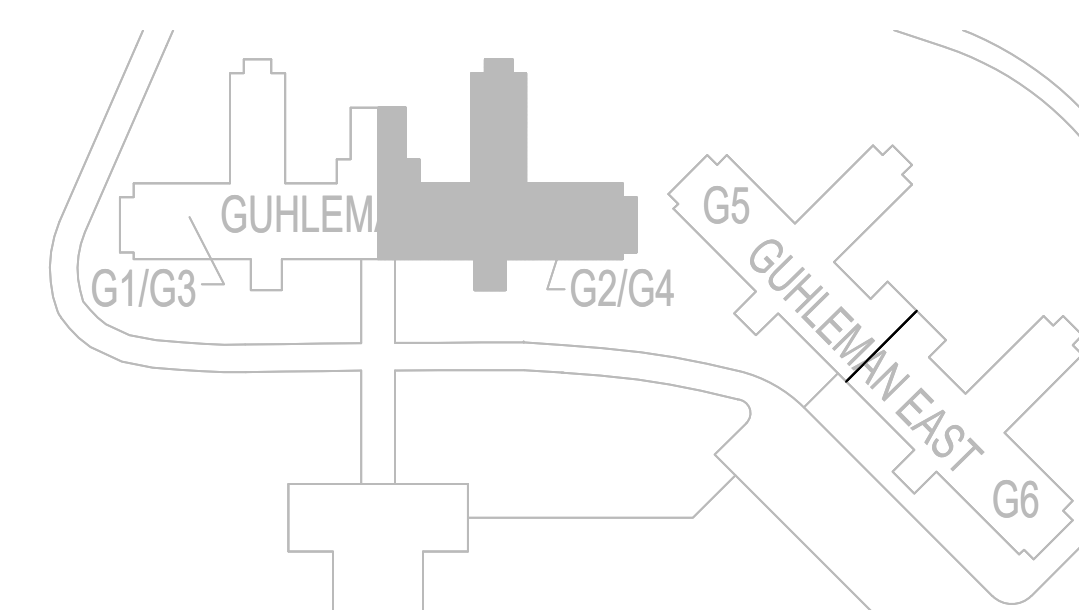
SHEET 58 OF 66
SEPTEMBER 22, 2024



PLUMBING GUHLEMAN WEST BUILDING - FIRST FLOOR - G2 - REMODEL
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS



KEYNOTES - P-111	
NUMBER	TEXT
1	PROVIDE NEW ELECTRIC WATER COOLER, REMOTE CHILLER, AND ASSOCIATED COMPONENTS AS SCHEDULED. MODIFY SANITARY, VENT, AND WATER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. SEE ELECTRICAL DRAWINGS FOR MODIFIED POWER CONNECTION. PATCH AND REPAIR WALL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

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ASSET # 6517352027

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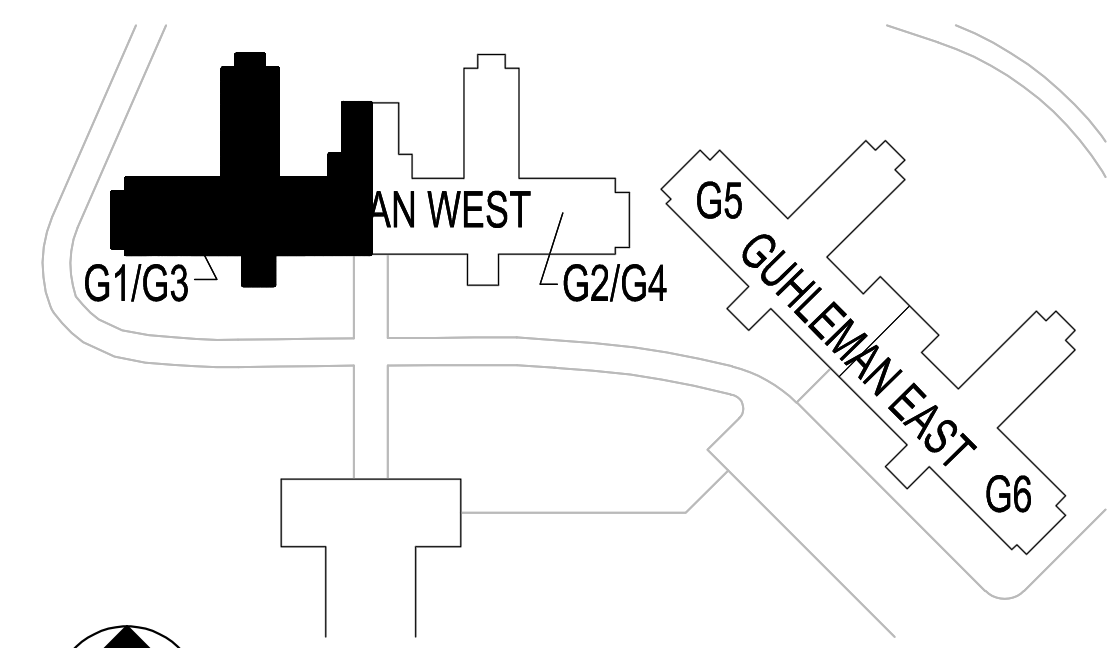
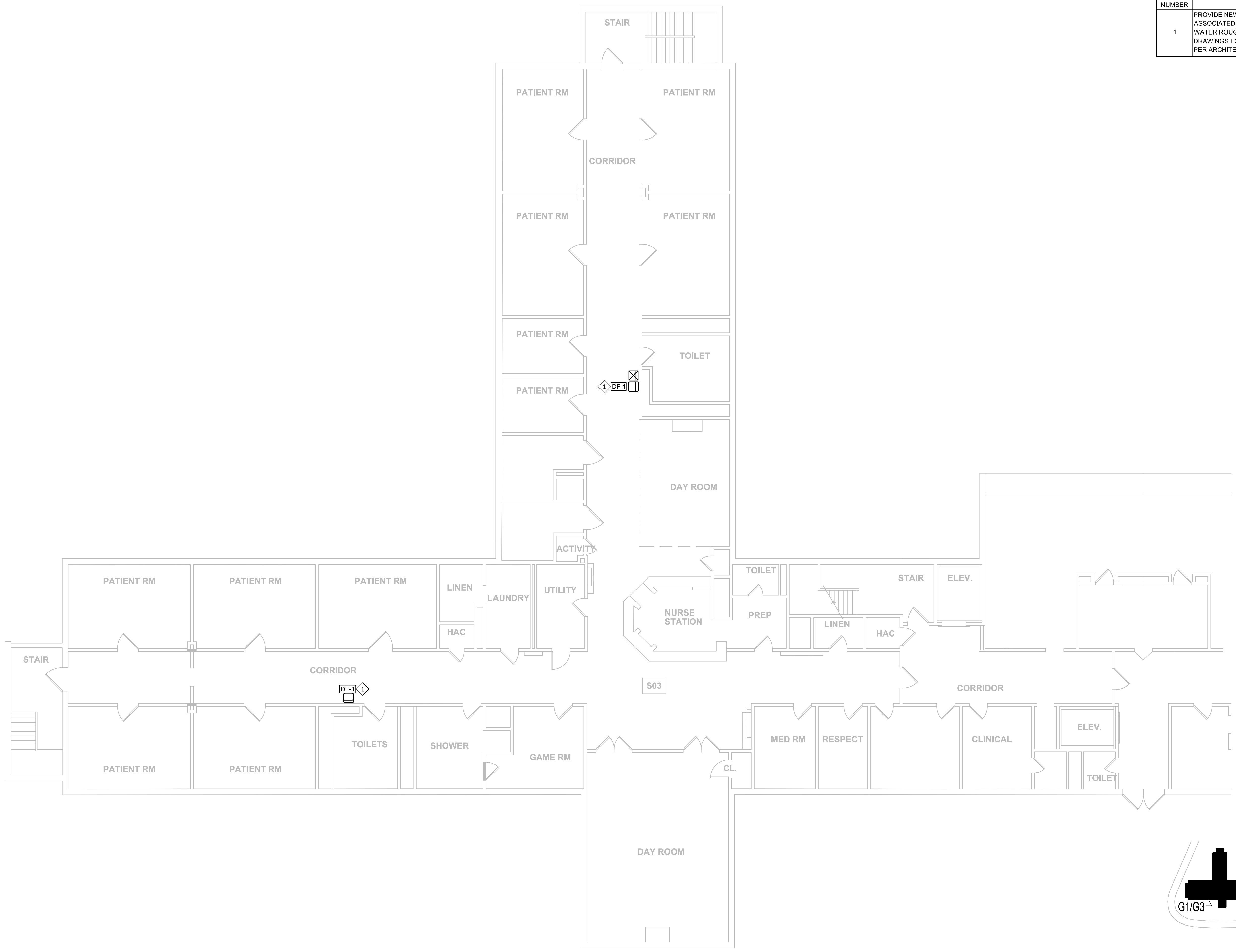
CAD DWG FILE: P-FP-01
DRAWN BY: PSK
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DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING
GUHLEMAN WEST
BUILDING - SECOND
FLOOR - G3 - REMODEL**

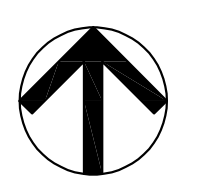
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P-111

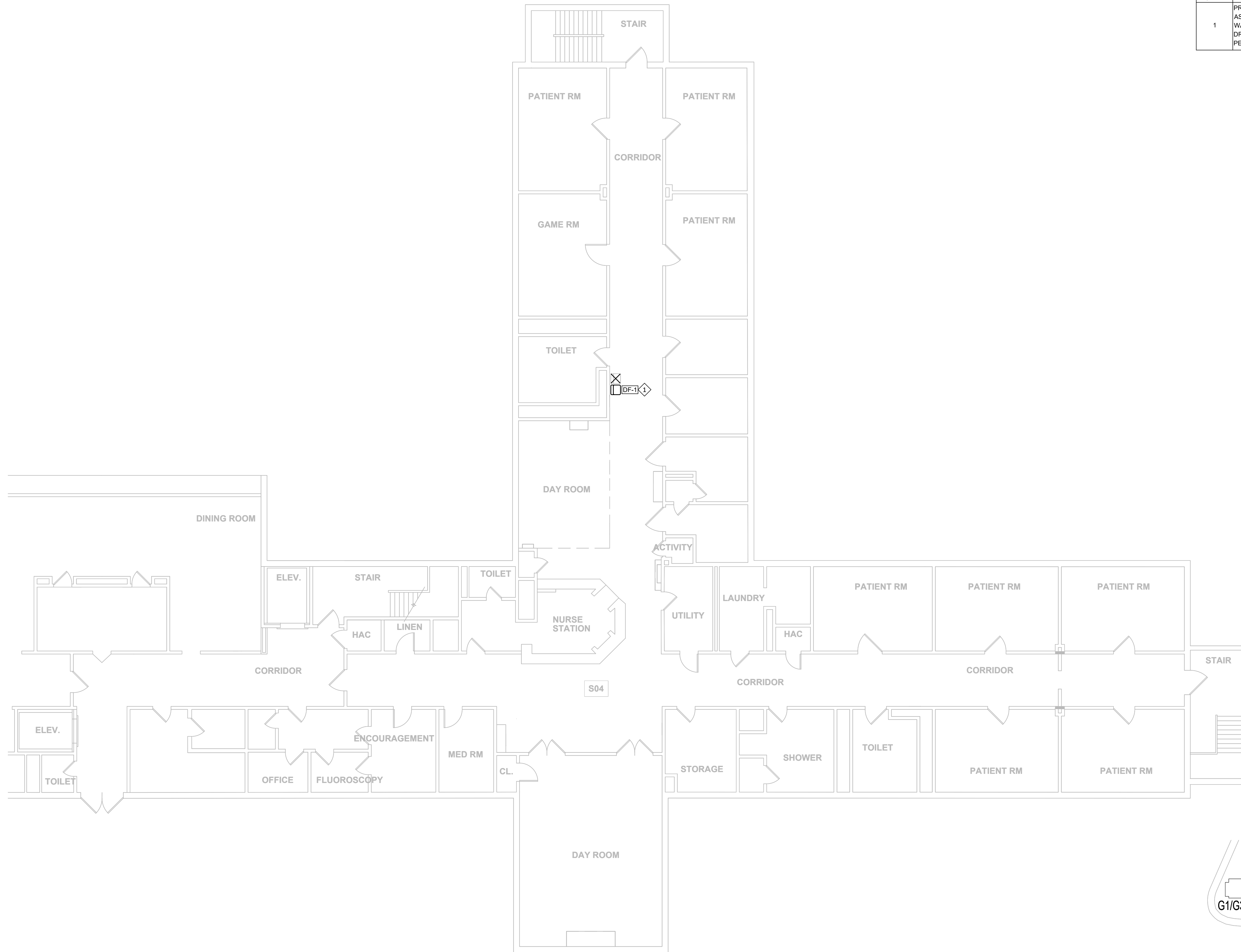
SHEET 59 OF 66
SEPTEMBER 22, 2024



KEY PLAN
SCALE: NTS

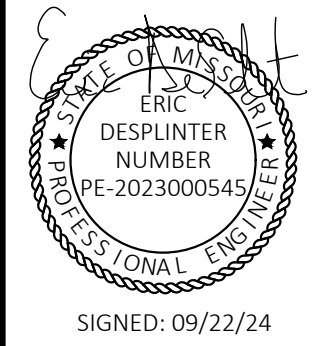


PLUMBING GUHLEMAN WEST BUILDING - SECOND FLOOR - G3 - REMODEL
SCALE: 1/8"=1'-0"



KEYNOTES - P-112	
#	TEXT
1	PROVIDE NEW ELECTRIC WATER COOLER, REMOTE CHILLER, AND ASSOCIATED COMPONENTS AS SCHEDULED. MODIFY SANITARY, VENT, AND WATER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. SEE ELECTRICAL DRAWINGS FOR MODIFIED POWER CONNECTION. PATCH AND REPAIR WALL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

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ASSET # 6517352027

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CAD DWG FILE: P-FP-01
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DESIGNED BY: RSS

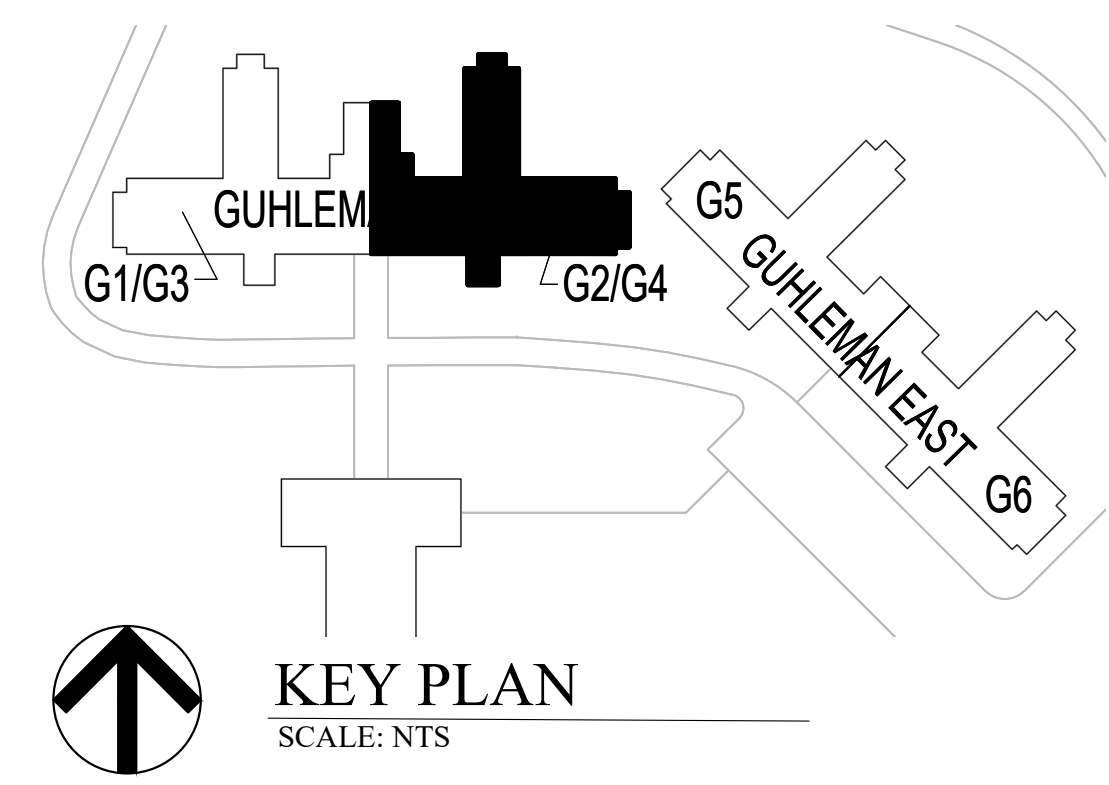
SHEET TITLE:
PLUMBING GUHLEMAN
WEST BUILDING -
SECOND FLOOR - G4 -
REMODEL

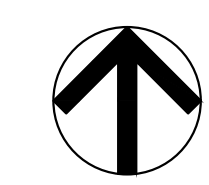
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P-112

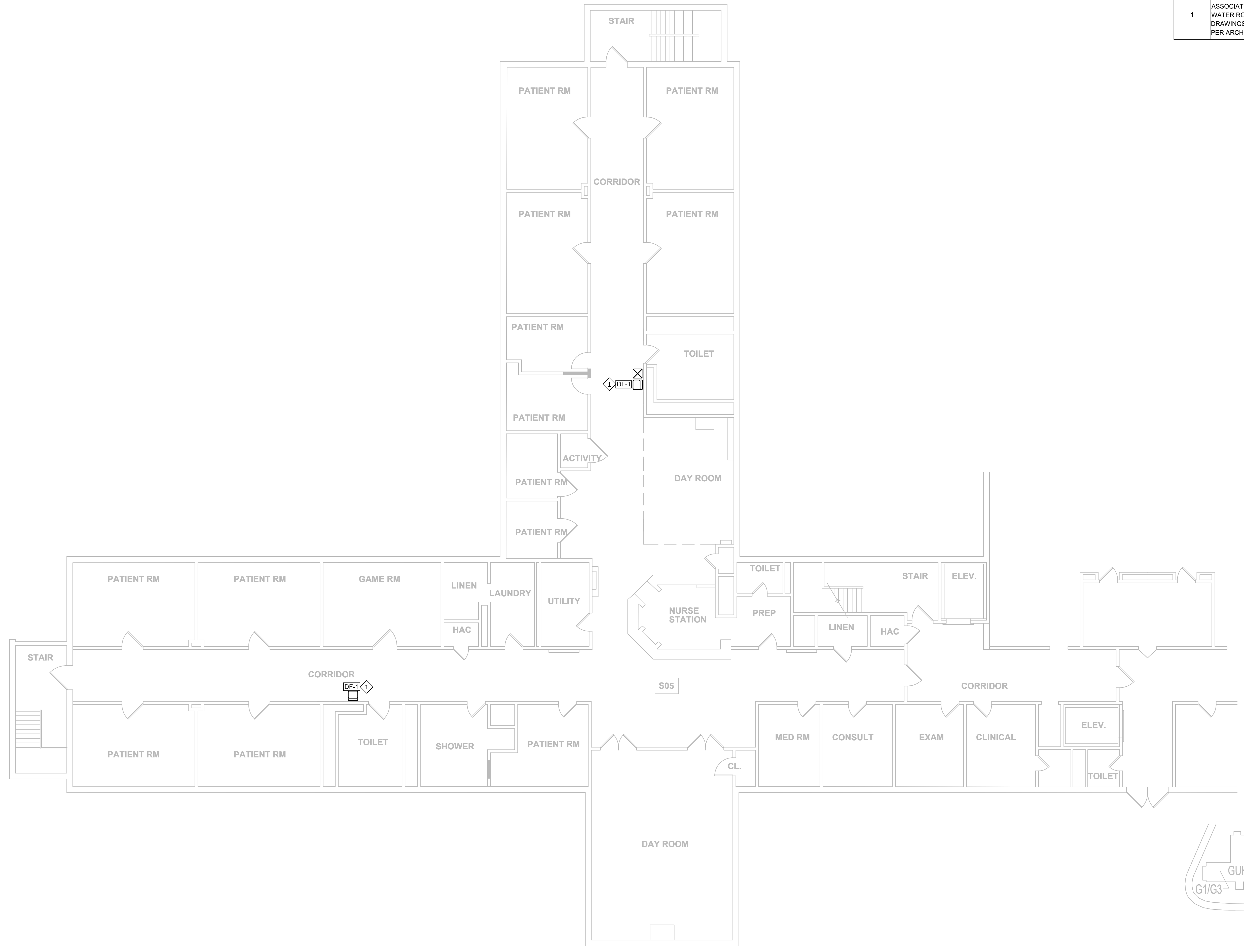
SHEET 60 OF 66
SEPTEMBER 22, 2024

 **PLUMBING GUHLEMAN WEST BUILDING - SECOND FLOOR - G4 - REMODEL**
SCALE: 1/8"=1'-0"

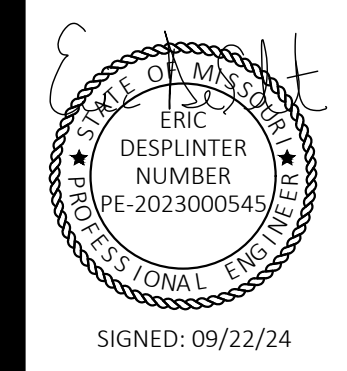


 **KEY PLAN**
SCALE: NTS

KEYNOTES - P-113	
NUMBER	TEXT
1	PROVIDE NEW ELECTRIC WATER COOLER, REMOTE CHILLER, AND ASSOCIATED COMPONENTS AS SCHEDULED. MODIFY SANITARY, VENT, AND WATER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. SEE ELECTRICAL DRAWINGS FOR MODIFIED POWER CONNECTION. PATCH AND REPAIR WALL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.



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PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026

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DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

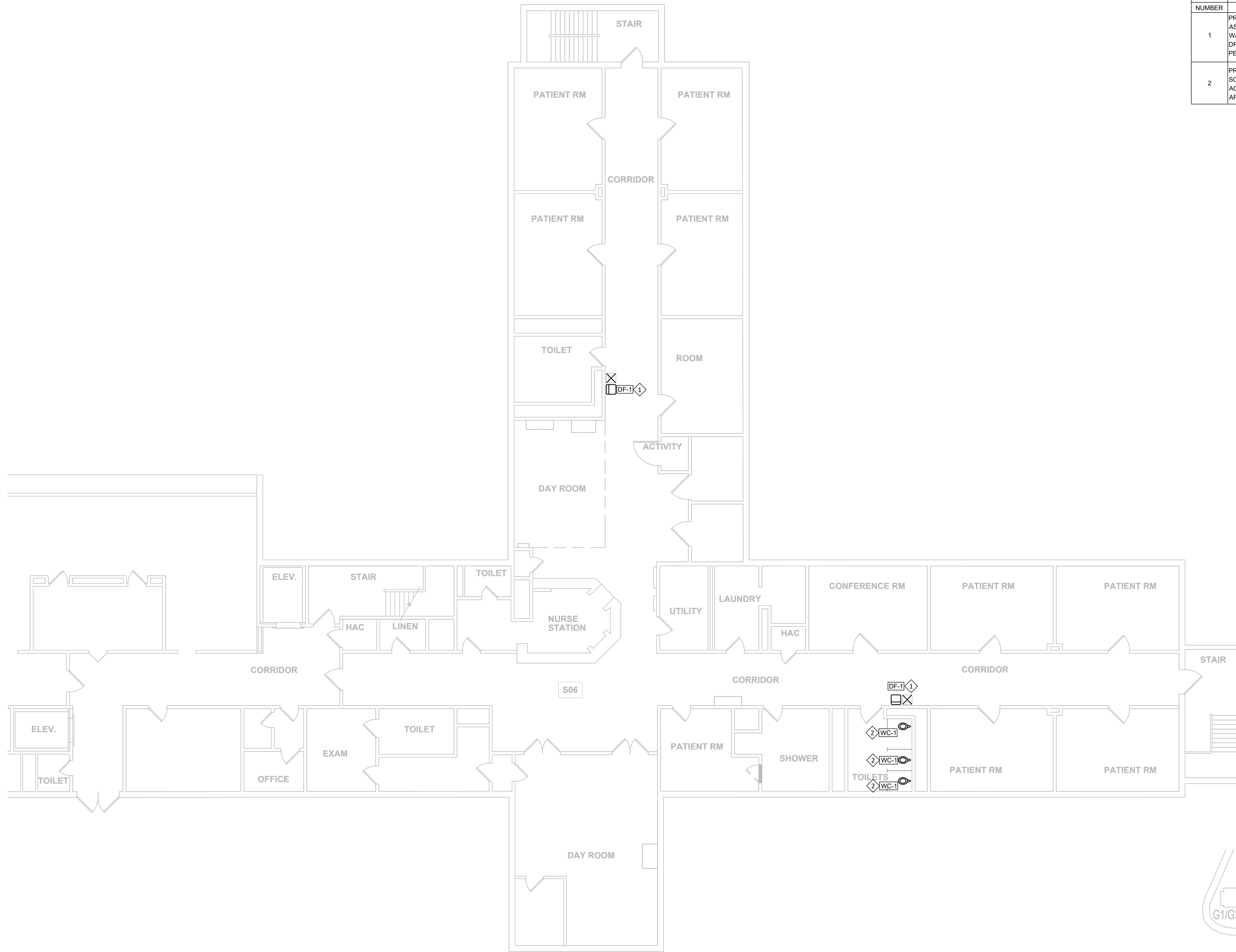
CAD DWG FILE: P-FP-01
DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING
GUHLEMAN EAST
BUILDING - FIRST
FLOOR - G5 - REMODEL**

SHEET NUMBER:

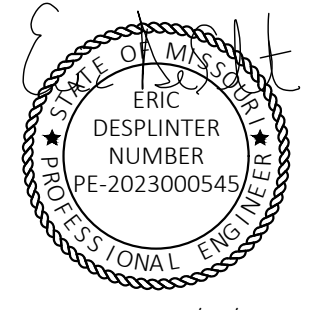
P-113

SHEET 61 OF 66
SEPTEMBER 22, 2024



KEYNOTES - P-114	
#	TEXT
1	PROVIDE NEW ELECTRIC WATER COOLER, REMOTE CHILLER, AND ASSOCIATED COMPONENTS AS SCHEDULED. MODIFY SANITARY, VENT, AND WATER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. SEE ELECTRICAL DRAWINGS FOR MODIFIED POWER CONNECTION. PATCH AND REPAIR WALL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
2	PROVIDE NEW WATER CLOSET AND ASSOCIATED COMPONENTS AS SCHEDULED. MODIFY SANITARY, VENT, AND WATER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. PATCH AND REPAIR FLOOR AND WALL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

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ASSET # 6517352026

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DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: P-FP-01
DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING GUHLEMAN
EAST BUILDING - FIRST
FLOOR - G6 - REMODEL**

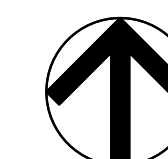
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P-114

SHEET 62 OF 66
SEPTEMBER 22, 2024

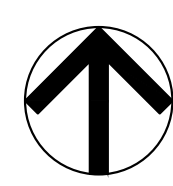
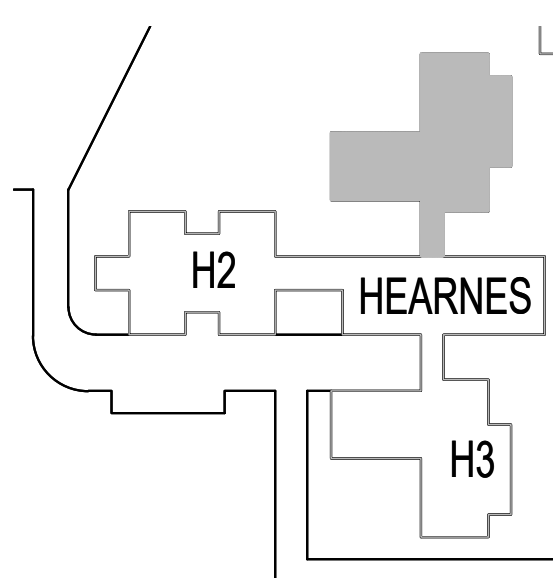
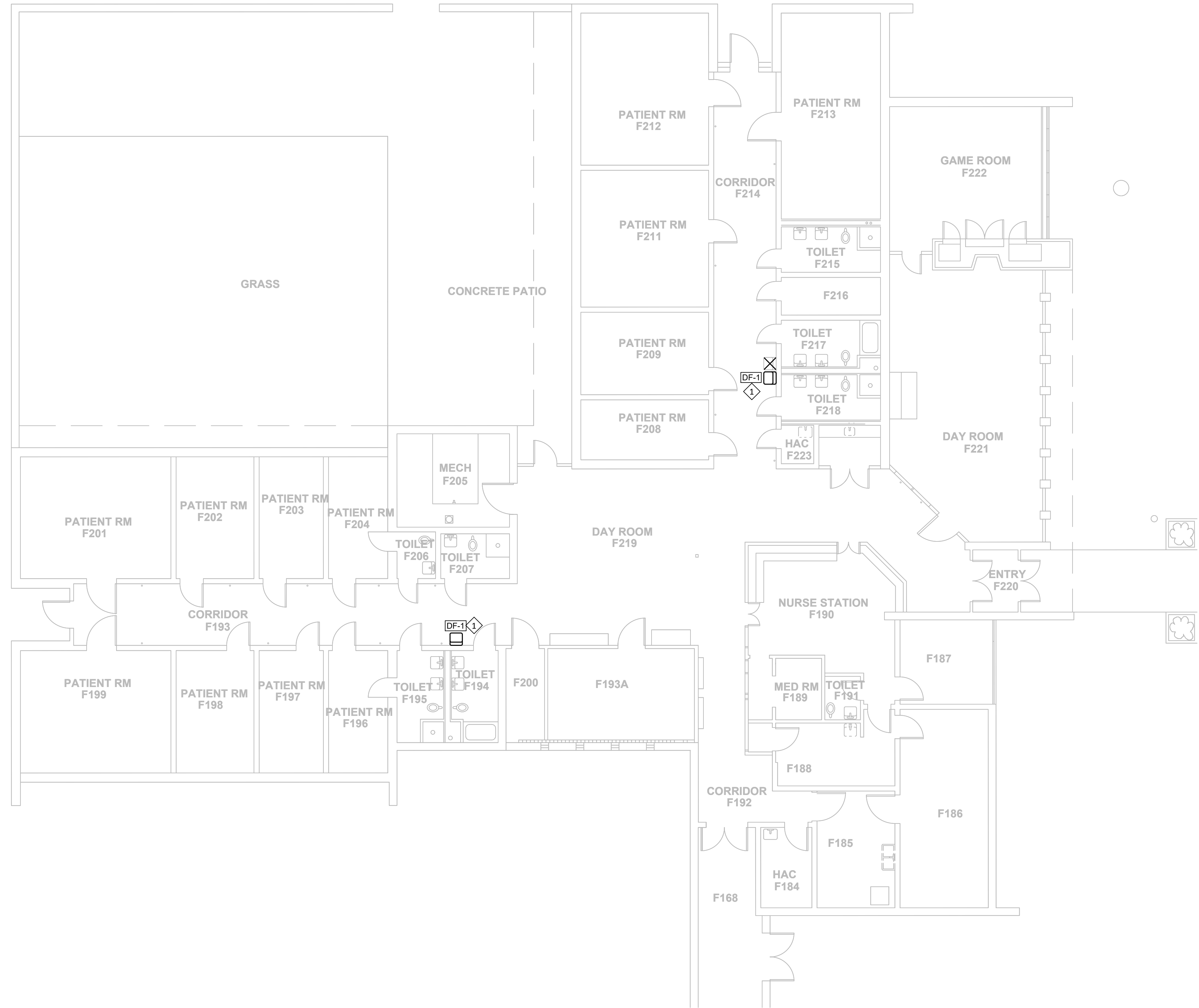


PLUMBING GUHLEMAN EAST BUILDING - FIRST FLOOR - G6 - REMODEL
SCALE: 1/8"=1'-0"

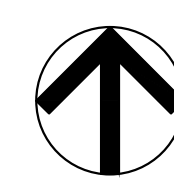


KEY PLAN
SCALE: NTS

#	KEYNOTES - P-115
NUMBER	TEXT
1	PROVIDE NEW ELECTRIC WATER COOLER, REMOTE CHILLER, AND ASSOCIATED COMPONENTS AS SCHEDULED. MODIFY SANITARY, VENT, AND WATER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. SEE ELECTRICAL DRAWINGS FOR MODIFIED POWER CONNECTION. PATCH AND REPAIR WALL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

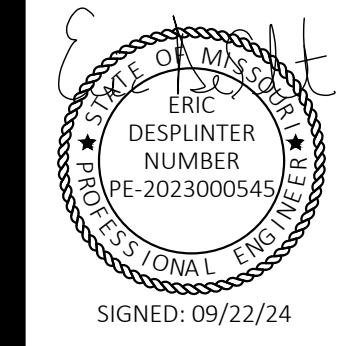


PLUMBING HEARNES BUILDING - H1 - REMODEL
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: NTS

STATE OF MISSOURI
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FULTON, MISSOURI

PROJECT # M2312-01
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REVISION: _____
DATE: _____
ISSUE DATE: 09/22/24

CAD DWG FILE: P-FP-01
DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING HEARNES
BUILDING - H1 -
REMODEL**

SHEET NUMBER:

P-115

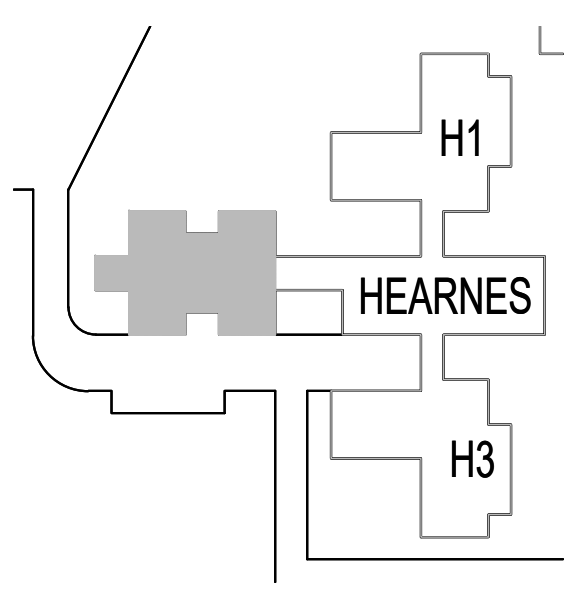
SHEET 63 OF 66
SEPTEMBER 22, 2024

KEYNOTES - P-116	
#	TEXT
1	PROVIDE NEW ELECTRIC WATER COOLER, REMOTE CHILLER, AND ASSOCIATED COMPONENTS AS SCHEDULED. MODIFY SANITARY, VENT, AND WATER ROUGH-INS TO ACCOMMODATE NEW FIXTURE. SEE ELECTRICAL DRAWINGS FOR MODIFIED POWER CONNECTION. PATCH AND REPAIR WALL PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

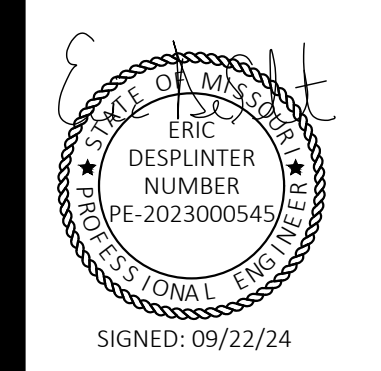


PLUMBING HEARNES BUILDING - H2 - REMODEL
SCALE: 1/8"=1'-0"

KEY PLAN
SCALE: NTS



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MICHAEL L PARSON,
GOVERNOR



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MANAGEMENT,
DESIGN AND CONSTRUCTION

ANTI-LIGATURE UPGRADES
MULTIPLE ASSETS
FULTON STATE HOSPITAL
FULTON, MISSOURI

PROJECT # M2312-01
SITE # 7352
ASSET # 6517352031

REVISION: _____
DATE: _____
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DATE: _____
ISSUE DATE: 09/22/24

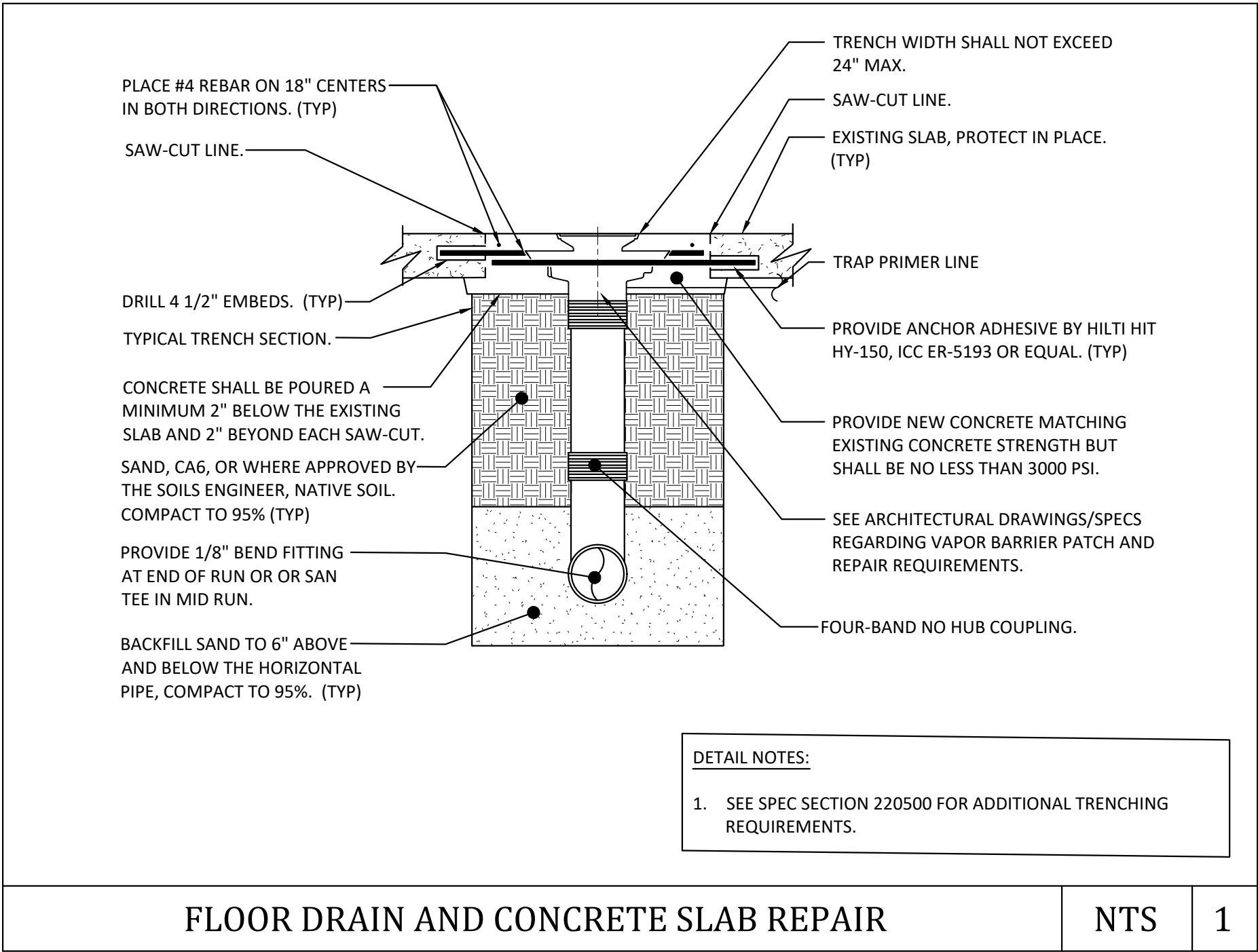
CAD DWG FILE: P-FP-01
DRAWN BY: PSK
CHECKED BY: RSS
DESIGNED BY: RSS

SHEET TITLE:
**PLUMBING HEARNES
BUILDING - H2 -
REMODEL**

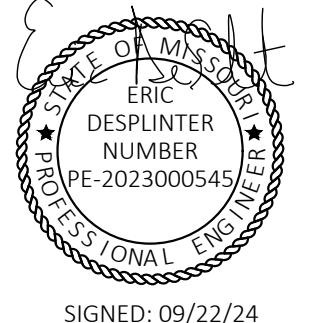
SHEET NUMBER:

P-116

SHEET 64 OF 66
SEPTEMBER 22, 2024



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PROJECT # M2312-01
SITE # 7352
ASSET # 6517352026, 6517352027,
6517352031

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ISSUE DATE: 09/22/24

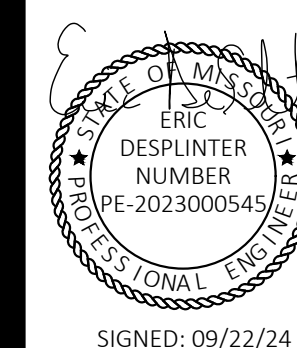
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DRAWN BY: PSK
CHECKED BY: RSS
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SHEET TITLE:
PLUMBING DETAILS

SHEET NUMBER:

P-501

SHEET 65 OF 66
SEPTEMBER 22, 2024



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6517352031

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 09/22/24

CAD DWG FILE: P-601 _____
DRAWN BY: PSK _____
CHECKED BY: RSS _____
DESIGNED BY: RSS _____

SHEET TITLE:
**PLUMBING
SCHEDULES**

SHEET NUMBER:

P-601

SHEET 66 OF 66
SEPTEMBER 22, 2024

PLUMBING MATERIAL LIST		
SYMBOL	DESCRIPTION	MANUFACTURER AND MODEL
DF-1	<p>DRINKING FOUNTAIN/ELECTRIC WATER COOLER: ACCESSIBLE WALL MOUNTED LIGATURE RESISTANT SINGLE BASIN CONSTRUCTED OF 16 GA 304 STAINLESS STEEL WITH WHITE POWDER COAT FINISH, BOTTOM ENCLOSURE CONSTRUCTED OF 18 GA TYPE 304 STAINLESS STEEL WITH WHITE POWDER COAT FINISH, HANDS FREE SENSOR OPERATED BUBBLER, AND REMOTE CHILLER. PROVIDE COMPLETE WITH CONCEALED MOUNTING PLATE.</p> <p>LISTINGS: ADA & ANSI A117.1, NSF/ANSI 61 & 372 LISTED.</p> <p>POWER REQUIREMENTS: BUBBLER: 120VAC PLUG-IN TRANSFORMER OR OPTIONAL BATTERY OPERATED SENSOR. CHILLER: 115VAC/60HZ, 4.6 AMPS</p>	<p>BASIN: WHITEHALL WHBF6-BAT-MC-WF1 (LESS BOTTLE FILLER) OR EQUAL.</p> <p>REMOTE CHILLER: WHITEHALL A9100080-A</p> <p>BASIN MOUNTING PLATE: 'MC' CONCEALED MOUNTING CARRIER OR EQUAL.</p>
FD-1	<p>FLOOR DRAIN: 9" CAST IRON BODY WITH FLASHING COLLAR, 6" ADJUSTABLE LIGATURE RESISTANT ROUND STRAINER HEAD, COMPLETE WITH TRAP PRIMER CONNECTION AND VANDAL PROOF SCREWS. 2" OUTLET.</p>	<p>WHITEHALL "WHFDV-6RD-2NH" OR EQUAL.</p>
WC-1	<p>WATER CLOSET: ACCESSIBLE FLOOR MOUNTED BACK SPUD SINGLE PIECE ELONGATED BOWL WITH INTEGRAL SEAT, WHITE VITREOUS CHINA. ACCOMMODATES 1.1 - 1.6 GPF FLUSH VALVES. 17" SEAT HEIGHT. PROVIDE BACKING PLATE/CARRIER PER MANUFACTURER INSTRUCTIONS.</p> <p>LISTINGS: ASME A112.19.2 / CSA B45.1</p> <p>FLUSH VALVE: MANUAL OPERATED CONCEALED FLUSH VALVE, 1.28 GPF, ROUGH BRASS FINISH, REAR SPUD CONNECTION, SINGLE FLUSH, LESS PUSH BOTTON.</p>	<p>BOWL: AS HURON 3341.001 OR EQUAL.</p> <p>FLUSH VALVE: SLOAN ROYAL 611-1.28-L/C9A</p>