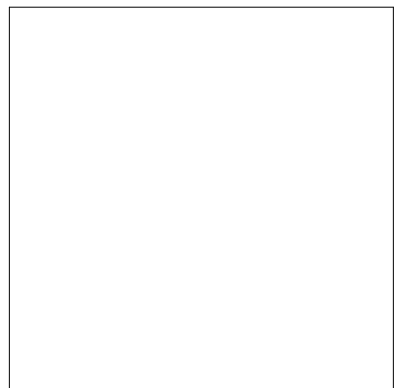


ST. LOUIS VETERAN'S HOME INTERIOR
RENOVATIONS, C-WING UPDATES
St. Louis, Missouri 63136

BIDDING DOCUMENT SUBMISSION



DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION AND AGENCY

OWNER:

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

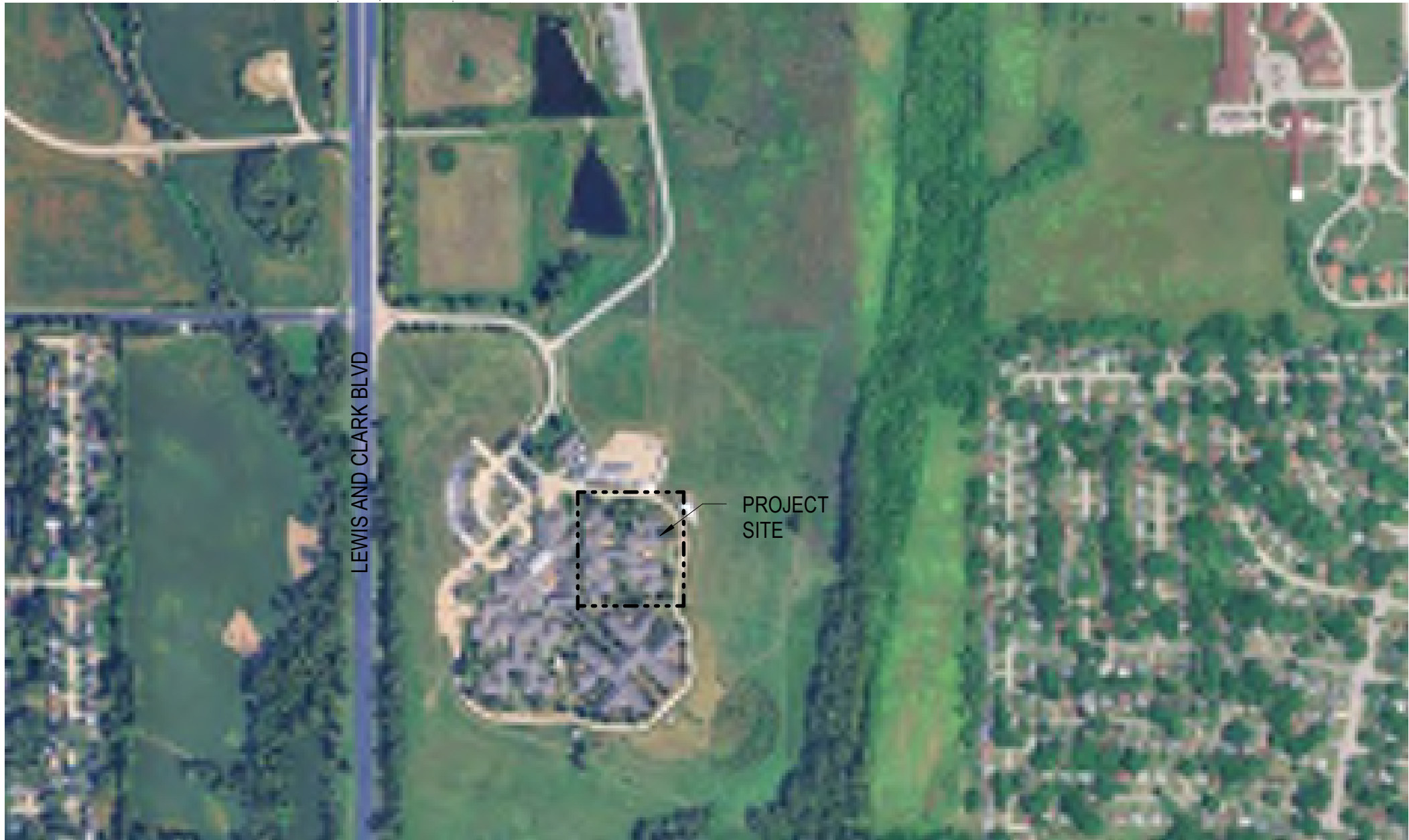


ARCHITECT
DESIGNER:
MEP/FP
DESIGNER:

OCULUS INC.
INTROBA

PROJECT
MANAGEMENT:

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION



PROJECT NUMBER:

U2607-01

SITE NUMBER:
FACILITY NUMBER:
MVH NUMBER:

7356
8136804001
FAI 29-042

SHEET NUMBER:

G001

1 OF 42 SHEETS
June 26, 2026

PROJECT LIMIT LINE

ALIGN

Room Name

101

150 SF

Room Name

Room No.

Room Area

Cig Type

XX-1

1'-0"A.F.F.

Cig Type

Cig Height

Door/Room No.

101

SIM

1

A101

Reference Label

Detail No.

Sheet No.

Revision

Revision Reference Number

Revision Cloud Depicting Area Revised

Starting Point @ Center

SCOPE OF PROJECT

NORTH ARROW

Grid No.

0

Partition Configuration

A

Partition Traits

Detail No.

Xxx

Sheet No.

Xxx

SIM

1

A101

Reference Label

Detail No.

Sheet No.

KEYNOTE

1

REVISION

DIMENSION CROSSHAIR

CENTERLINE

NORTH ARROW

COLUMN GRID LINE

PARTITION TAG

ELEVATION

WALL SECTION

DETAIL SECTION/CALL

THE PROJECT OBJECTIVE IS TO CORRECT AND MAKE REPAIRS TO SELECTIVE AREAS THROUGHOUT C-WING FOR THE MISSOURI VETERAN HOME FACILITY AND RESIDENTS TO CREATE A FUNCTIONAL AND COMPLETE PROJECT. CONTRACT DOCUMENTS WILL DESCRIBE AND INCLUDE SCOPE OF WORK ITEMS PREPARED BY MISSOURI VETERAN HOME STAFF FOR CORRECTIVE ACTION. THE GOAL IS TO MAKE THE NECESSARY CORRECTIONS AND ACHIEVE APPROVED OCCUPANCY CERTIFICATIONS FOR THE SLVH TO OCCUPY THE C WING. TO THE EXTENT POSSIBLE, WORK IN THIS AREA SHALL NOT DISRUPT OR IMPACT THE OPERATIONS OR OCCUPANCY OF OTHER AREAS OF THE MISSOURI VETERAN HOME FACILITY. IF A DISRUPTION TO SERVICES, USE OR OPERATIONS OF OTHER AREAS OF THE BUILDING IS ANTICIPATED, THE CONTRACTOR SHALL FOLLOW THE PRESCRIBED ADVANCE NOTIFICATION PROCEDURE AND COORDINATE WITH THE DESIGNATED PARTIES. OTHER AREAS OF THE FACILITY ARE CURRENTLY IN USE AND OCCUPIED. THE C WING IS THE ONLY SECTION OF THE FACILITY NOT IN USE AND BEING REPAIRED UNDER THIS CONTRACT. WITHIN THE C-WING, THERE IS AN UNDERSTANDING OF NON-COMPLIANT WORK THAT HAS BEEN PERFORMED UNDER A PREVIOUS CONTRACT. THESE DOCUMENTED DEFICIENCIES HAVE BEEN ESTABLISHED BY THE MISSOURI VETERAN HOME STAFF AND WILL BE THE PRIMARY SCOPE OF WORK FOR THIS CONTRACT. BIDDING CONTRACTORS SHALL VALIDATE EXISTING CONDITIONS TO THEIR OWN SATISFACTION PRIOR TO CONTRACT AWARD AND CONSTRUCTION COMMENCEMENT. ITEMS TO BE CORRECTED HAVE BEEN IDENTIFIED WITHIN THESE CONTRACT DOCUMENTS. DURING THE PERFORMANCE OF THE WORK, CORRECTED ITEMS SHALL BE SYSTEMATICALLY DOCUMENTED THROUGHOUT THIS CONSTRUCTION PERIOD WITH IDENTIFIED REPORTS, PHOTOGRAPHS AND INSPECTIONS PERFORMED. SCOPE OF WORK ITEMS WILL BE DIVIDED BETWEEN BASE BID AND ALTERNATE OPTIONS DESCRIBED BELOW. IF ADDITIONAL DEFICIENCIES ARE FOUND DURING THE GENERAL CONTRACTORS PRE-BID INSPECTION, CONTRACTORS SHALL NOTIFY FMDC AND OCULUS IMMEDIATELY. CLEARLY DOCUMENT THE DISCOVERED DEFICIENCY IN WRITING WITH OTHER SUPPORTING MATERIALS SUCH AS PHOTOS, PRIOR TO BID SUBMISSION AS PART OF THE BIDDING AND RFI PROCESS.

a. BASE BID WORK INCLUDES:

- ASSEMBLE AND REPAIR ALL FAN COIL UNITS (FCU'S) WITHIN C-WING.
- SHOWER FLOORS AT PATIENT ROOMS NOTED IN CONTRACT DOCUMENTS.
- 1. BASE BID ROOMS INCLUDE 114, 115, 118, 119, 120, 121, 124, 101, 102, 104, 105, 106, 107, 108, 109, 111, 112, 213, 214, 215, 216, 219, 220, 221, 222, 223, 200, 202, 203, 205, 206, 207, 208, AND 211.
- SMOKE & FIRE PARTITION REQUIREMENTS AND PLENUM SIGNAGE AS NOTED IN CONTRACT DOCUMENTS. CONTRACTOR TO EVALUATE AND CORRECT WALLS LOCATED WITHIN CONTRACT DOCUMENTS.
- CORRECTING DOOR GAPS PER NFPA REQUIREMENTS.
- NEW GLAZING WITHIN EXTERIOR DOOR LOCATED IN CONTRACT DOCUMENTS.
- COMPLETION OF THE FIRE SPRINKLER SYSTEM TO FULLY OPERATIONAL STATUS, INCLUDING PROVIDING INSPECTION OF CURRENT INSTALLED CONDITIONS, HYDRAULIC LOAD CALCULATIONS, INSTALLATION OF A MISSING SPRINKLER HEADS AND COMPONENTS AS NOTED IN THE DRAWINGS, CONDUCTING NECESSARY FINAL TESTING AND PROVIDING FINAL CERTIFICATIONS AND REPORTS.
- ADDITIONAL SPRINKLER HEADS TO BE ADDED WITHIN ASSOCIATED ROOMS NOTED IN CONTRACT DOCUMENTS AND ENSURE PROPER COVERAGE IS MET THROUGHOUT ENTIRE C-WING. THESE ROOMS INCLUDE 1C33, SOILED LINEN, PURCHASING SUPPLY, AND GREEN KITCHEN STORAGE ROOM.
- EVALUATE RADIANT PANEL TEMPERATURE'S CONTROL OPTIONS. ENSURE PANELS ARE IN WORKING ORDER, AND COMMUNICATE WITH SYSTEM.

- 1. THESE ROOMS ARE THE REMAINING ROOMS NOT INCLUDED WITHIN THE BASE BID ROOMS.
- TEST AND REPAIR ALL OUTLETS, LIGHTS, AND CIRCUITS AND LABEL AS REQUIRED
- ENSURE ACCESS CONTROL IS FULLY OPERATIONAL.
- ENSURE WANDER GUARD SYSTEM IS FULLY OPERATIONAL.
- TEST AND REPAIR PA SYSTEM TO FULLY OPERATIONAL STATUS.
- ADJUST WATER PRESSURE AS NEEDED.
- VERIFY INSULATION PROTECTIVE COVERS AT LAVATORIES AT ALL RESTROOMS AND SHOWER ROOMS WITHIN C WING.
- RELOCATE PAPER TOWEL DISPENSERS TO APPROPRIATE ADA MOUNTING HEIGHTS AND CLEAR OPENING FROM ANY OBSTRUCTIONS.
- FIX ASSOCIATED SPRINKLERS THROUGHOUT.
- FIX FLOORING IN ASSOCIATED ROOMS LOCATED WITHIN CONTRACT DOCUMENTS.

- REPLACE DOOR SWEEP ON DOUBLE DOORS WITHIN CORRIDOR 178.
- PIPING INSULATION TO BE CONTINUOUS THROUGH HANGERS.

*REFERENCE SPECIFICATION FRO ADDITIONAL INFORMATION.

AB	ANCHOR BOLT	COMP	COMPRESS (ED) (ION)	FGL	FIBERGLASS	MCB	METAL CORNER BEAD	SFLG	SAFETY GLASS
ABV	ABOVE		(IBLE)	FCH	FIRE HOSE CABINET	MOF	MEDIUM DENSITY	SIM	SIMILAR
AC	AIR CONDITIONING	CONC	CONCRETE	FHS	FIRE HOSE STATION		FIBERBOARD	SMT	SEALANT
ACC	ACCESS	CONN	CONNECTION	FIN	FINISH (ED)	MECH	MECHANIC (AL)	SQ	SQUARE
ACOUS	ACOUSTICAL	CONST	CONSTRUCTION	FLASH	FLASHING	MED	MEDIUM	SS	STAINLESS STEEL
ACP	ACOUSTIC CEILING PANEL	CONT	CONTINUOUS OR CONTINUE	FLX	FLEXIBLE	MET	METAL	SSM	SOLID SURFACE MATERIAL
ACT	ACRYLIC PANEL			FFRFG	FIREPROOFING	MFR	MANUFACTURE (R)	STA	STATION
AD	ACOUSTIC CEILING TILE	CORR	CORRIDOR	FR	FIRE RESISTANT	MIN	MINIMUM	STD	STANDARD
ADD	ACCESS DOOR	OPT	CARPET (ING)	FRP	FIBER REINFORCED	MIR	MIRROR	STG	SEATING
ADH	ADHESIVE	CR	CARD READER		PLASTIC	MISC	MISCELLANEOUS	STL	STEEL
ADJ	ADJUSTABLE	CTR	CENTER/COUNTER	FS	FACE OF STUDS	MO	MASONRY OPENING	STRUC	STRUCTURAL
ADJC	ADJUTANT	CTSK	COUNTERSINK	FSZ	FULL SIZE	MTL	MATERIAL	SUSP	SUSPENDED
AFF	ABOVE FINISHED FLOOR	DEMO	DEMOLISH/ DEMOLITION	FT	FEET/FOOT	MULL	MULLION	SYM	SYMMETRY (ICAL)
AHU	AIR HANDLING UNIT	DEPR	DEPRESSED	FTG	FOOTING	N/A	NOT APPLICABLE	SYS	SYSTEM
ALUM	ALUMINUM	DET	DETAIL	FURR	FURRING	NIC	NOT IN CONTRACT	T	TILE
ALT	ALTERNATE	DF	DRINKING FOUNTAIN	GA	GAUGE	NOM	NOMINAL	T&G	TONGUE AND GROOVE
ANC	ANCHOR/ANCHORAGE	DIA	DIAMETER	GALV	GALVENIZED	NRS	NOISE REDUCTION COEFFICIENT	TIS	TOP OF SLAB
ANOD	ANODIZED	DIA	DIAAGONAL	GB	GRAB BAR	NRT	NOT TO SCALE	TIW	TOP OF WALL
AP	ACOUSTICAL PANEL	DM	DIMENSION	GC	GENERAL CONTRACT (OR)	CA	OVERALL	TEL	TELEPHONE
APPROX	APPROXIMATE	DIV	DIVISION	GFI	GROUND FAULT INTERRUPT	OC	ON CENTER	TERR	TERRAZZO
ARCH	ARCHITECT (URAL)	DMT	DEMOUNTABLE	GL	GLASS/ GLAZING	OD	OUTSIDE DIAMETER	TH	THRESHOLD
ASB	ASBESTOS	DN	DAMP	QV	GRAVEL	OH	OPPOSITE HAND	THK	THICK (NESS)
AUX	AUXILIARY	DP	DOWN PROOFING	GWB	GYPNUM WALL BOARD	OHD	OVERHEAD	TKS	TACK STRIP
BD	BOTTOM OF DECK	DS	DOWNSPOUT	GYPBD	GYPSON (BOARD)	OPNG	OPENING	TLB	TOWEL BAR
BD	BOARD	DWG	DRAWING	HB	HOSE BIB	OPP	OPPOSITE	TOF	TOP OF
BEL	BELOW	DWR	DRAWER	HC	HOLLOW CORE	OTO	OUT TO OUT	TOL	TOLERANCE
BET	BETWEEN	EA	EACH	HM	HOLLOW METAL	PD	PANIC DEVICE	TOS	TOP OF STEEL
BEV	BEVELED	EB	EXPANSION BOLT	HORIZ	HORIZONTAL	PFB	PREFABRICATE (D)	TP	TOILET PARTITION
BIT	BITUMINOUS	EG	EXTERIOR GRADE	HP	HIGH	PFN	PRE-FINISHED	TPD	TOILET PAPER DISPENSER
BLDG	BUILDING	EJ	EXPANSION JOINT		POINT/HORSEPOWER	PLYWD	PLYWOOD	TRAN	TRANSITION
BLKG	BLOCKING	EL	ELEVATION	HR	HANDRAIL	PNT	PAINT	TYP	TYPICAL
BM	BEAM	ELEC	ELECTRIC (AL)	HT	HEIGHT	POL	POLISHED	UNF	UNFINISHED
BOT	BOTTOM	ELEV	ELEVATOR	HTG	HEATING	PROP	PROPERTY	UNO	UNLESS NOTED OTHERWISE
BRG	BEARING	EMERG	EMERGENCY	HVAC	HEATING/VENTILATING/AC	PRT	PARTIAL/PRESERVATIVE	UR	URINAL
BRG PL	BEARING PLATE	ENAM	ENAMEL	ID	INSIDE DIAMETER	TREATED		VCT	VINYL COMPOSITION TILE
BRK	BRICK	ENT	ENTRANCE	IF	INSIDE FACE	PTD	PAINTED	VERT	VERTICAL
BS	BOTH SIDES	EQ	EQUAL	INCL	INCLUDE (D) (ING)	PTN	PARTITION	VIF	VERIFY IN FIELD
BSMT	BASEMENT	EQUIP	EQUIPMENT	INFO	INFORMATION	PTR	PAPER TOWEL DISPENSER	VIN	VINYL
BUR	BUILT UP ROOFING	EST	ESTIMATE	INSUL	INSULATE (D) (ION)	PVC	POLYVINYL CHLORIDE	VPB	VAPOR BARRIER
BW	BOTHWAYS	EWC	ELECTRIC WATER COOLER	INT	INTERIOR	QZ	QUARTZ	W/	WITH
C	CONDUIT	EXF	EXHAUST FAN	INV	INVERT	RAD	RADIUS	W/O	WITHOUT
CAB	CABINET	EXH	EXHAUST	JBOX	JUNCTION BOX	ROF	ROOF RAIN	WB	WALL BASE
CC	CENTER TO CENTER	EXH1	EXPOSED/EXPANSION	JT	JANITOR'S CLOSET	RDC	ROOF DRAIN CONDUCTOR	WC	WATER CLOSET
CCTV	CLOSED CIRCUIT TELEVISION	EXT	EXTERIOR	KC	KNOCK DOWN	REFL	REFLECT (ED) (IVE) (OR)	WG	WOOD
CEM	CEMENT	EXTG	EXISTING	KO	KNOCKOUT	REFL	REFLECT (ED) (IVE) (OR)	WH	WATER HEATER
CER	CERAMIC	FC/CONC	FACE OF CONCRETE	KP	KICK PLATE	REIN	REINFORCE (D)	WIN	WINDOW
CFL	CORNER FLASHING	FFIN	FACE OF FINISH	L	LONG	REQD	REQUIRED	WPF	WEATHER PROOFING
CC	CORNER GUARD	FFAS	FACE OF MASONRY	LAM	LABORATORY	REV	REVISION (S) REVISED	WPT	WORKING POINT
CIRC	CIRCUMFERENCE	FA	FIRE ALARM	LAV	LAVATORY	RFG	ROOFING	WSCST	WAINSCOT
CJ	CONSTRUCTION JOINT	FAB	FABRIC	LB	LOAD	RM	ROOM	WT	WINDOW TREATMENT
CK	CAULK (ING)	FAS	FASTEN, FASTENER	LP	LOW POINT	RO	ROUGH OPENING	WWF	WELODED WIRE FABRIC
CLG	CEILING	FBO	FURNISHED BY OTHERS	LT	LOW POINT	RSF	RESINUS FLOOR	XFMR	TRANSFORMER
CLS	CLOSURE	FD	FLOOR DRAIN	LV	LIGHT		RESILIENT SHEET FLOORING		
CMU	CONCRETE MASONRY								

SHEET #	SHEET NAME	REV. #	REV. DATE
00 - GENERAL			
G001	COVER SHEET		
G002	SUMMARY OF WORK, SHEET INDEX AND ABBREVIATIONS		
G003	FIRST FLOOR LIFE SAFETY PLAN		
02 - ARCHITECTURAL DEMO			
AD101	OVERALL DEMOLITION FLOOR PLAN		
AD102	DEMOLITION FLOOR PLAN - AREA 2C16L		
AD103	DEMOLITION FLOOR PLAN - AREA 2C16H		
AD104	DEMOLITION FLOOR PLAN - AREA 1C16H		
AD105	DEMOLITION FLOOR PLAN - AREA 1C16L		
AD111	OVERALL DEMOLITION CEILING PLAN		
03 - ARCHITECTURAL			
A101	OVERALL FLOOR PLAN		
A102	FLOOR PLAN - AREA 2C16L		
A103	FLOOR PLAN - AREA 2C16H		
A104	FLOOR PLAN - AREA 1C16H		
A105	FLOOR PLAN - AREA 1C16L		
A111	OVERALL REFLECTED CEILING PLAN		
A400	ENLARGED SHOWER PLANS AND DETAILS		
A600	WALL, PARTITION ASSEMBLIES, & DOORS		
04 - FIRE PROTECTION			
FP000	FIRE PROTECTION SYMBOLS AND ABBREVIATIONS		
FP101	FIRE PROTECTION FLOOR PLAN - AREA A		
FP102	FIRE PROTECTION FLOOR PLAN - AREA B		
FP103	FIRE PROTECTION FLOOR PLAN - AREA C		
FP104	FIRE PROTECTION FLOOR PLAN - AREA D		
FP500	FIRE PROTECTION DETAILS		
05 - PLUMBING			
P000	PLUMBING SYMBOLS AND ABBREVIATIONS		
PD101	PLUMBING OVERALL DEMOLITION PLAN		
PD102	PLUMBING DEMOLITION PLAN - AREA A		

SHEET #	SHEET NAME	REV. #	REV. DATE
PD103	PLUMBING DEMOLITION PLAN - AREA B		
PD104	PLUMBING DEMOLITION PLAN - AREA C		
PD105	PLUMBING DEMOLITION PLAN - AREA D		
P101	PLUMBING OVERALL FLOOR PLAN		
P102	PLUMBING FLOOR PLAN - AREA A		
P103	PLUMBING FLOOR PLAN - AREA B		
P104	PLUMBING FLOOR PLAN - AREA C		
P105	PLUMBING FLOOR PLAN - AREA D		
06- MECHANICAL			
M000	MECHANICAL LEGEND, ABBREVIATIONS, AND GENERAL NOTES		
M101	MECHANICAL OVERALL FLOOR PLAN		
M500	DETAILS		
07 - ELECTRICAL			
E000	ELECTRICAL LEGEND		
E101	ELECTRICAL POWER OVERALL FLOOR PLAN		
E201	ELECTRICAL LIGHTING OVERALL FLOOR PLAN		
E301	ELECTRICAL SYSTEMS OVERALL FLOOR PLAN		
E501	ELECTRICAL PHOTOS		
Grand total: 42			

1. NOTIFY ARCHITECT OF ANY CLARIFICATIONS OR INTERPRETATIONS NEEDED PRIOR TO COMMENCING WORK.
2. EMPLOY ONLY SKILLED WORKERS, EXPERIENCED IN THEIR RESPECTIVE TRADES.
3. COORDINATE WORK OF VARIOUS TRADES. ENSURE EACH HAS ADEQUATE SPACE AND RESOURCES FOR PROPER INSTALLATION OF THE WORK.
4. SCALING DRAWINGS IS DISCOURAGED AND PERFORMED AT CONTRACTOR'S SOLE RISK. NOTIFY ARCHITECT IF ADDITIONAL DIMENSION INFORMATION OR CLARIFICATION IS REQUIRED.
5. COORDINATE SCHEDULE FOR WORK INDICATED TO BE PROVIDED BY OTHERS. ALLOW ACCESS, SPACE FOR PERFORMANCE OF WORK AND STORAGE AND OTHER RESOURCES.
6. PROTECT EXISTING CONSTRUCTION, SURFACES AND MATERIALS INDICATED TO REMAIN FROM DAMAGE OR DETERIORATION DUE TO PERFORMANCE OF WORK. PATCH AND REPAIR DAMAGED EXISTING MATERIALS AND SURFACES IN MANNER TO ELIMINATE EVIDENCE OF REPAIR.
7. DRAWINGS OF EXISTING CONDITIONS ARE BASED UPON OWNER PROVIDED DRAWINGS AND OTHER DOCUMENTS AND UPON CURSORY ON-SITE OBSERVATION. THEY ARE INTENDED AS A REASONABLE PRESENTATION OF EXISTING CONDITIONS. THEY ARE NOT A COMPLETE OR EXHAUSTIVE REPRESENTATION OF EXISTING CONDITIONS.
8. VERIFY SITE CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING THE WORK. NOTIFY THE ARCHITECT OF DISCREPANCIES THAT MAY SUBSTANTIALLY AFFECT THE WORK. PROVIDE SUGGESTIONS OF POSSIBLE SOLUTIONS THAT WILL MINIMIZE IMPACT ON PERFORMANCE OF THE WORK.
9. VERIFY PRESENCE/LOCATION OF STEEL REINFORCING, TENSIONING RODS, CONDUIT AND SIMILAR ITEMS IN EXISTING CONCRETE FLOOR SLABS PRIOR TO SLAB CUTTING OPERATIONS. ADJUST LOCATION OF SLAB CUTS AS NEEDED TO PERFORM WORK WITHOUT DAMAGING EXISTING STRUCTURAL OR UTILITY ELEMENTS.

STATE OF MISSOURI
 RONALD
 MELVIN REIM
 NUMBER
 A-5409
 ARCHITECT
 June 26, 2026
 PROFESSIONAL SEAL

ONE SOUTH MEMORIAL DRIVE
SUITE 1500 ST. LOUIS, MO 63102
(314) 367-6100

6 SOUTH OLD ORCHARD AVE.
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STATE OF MISSOURI
VETERAN'S HOME

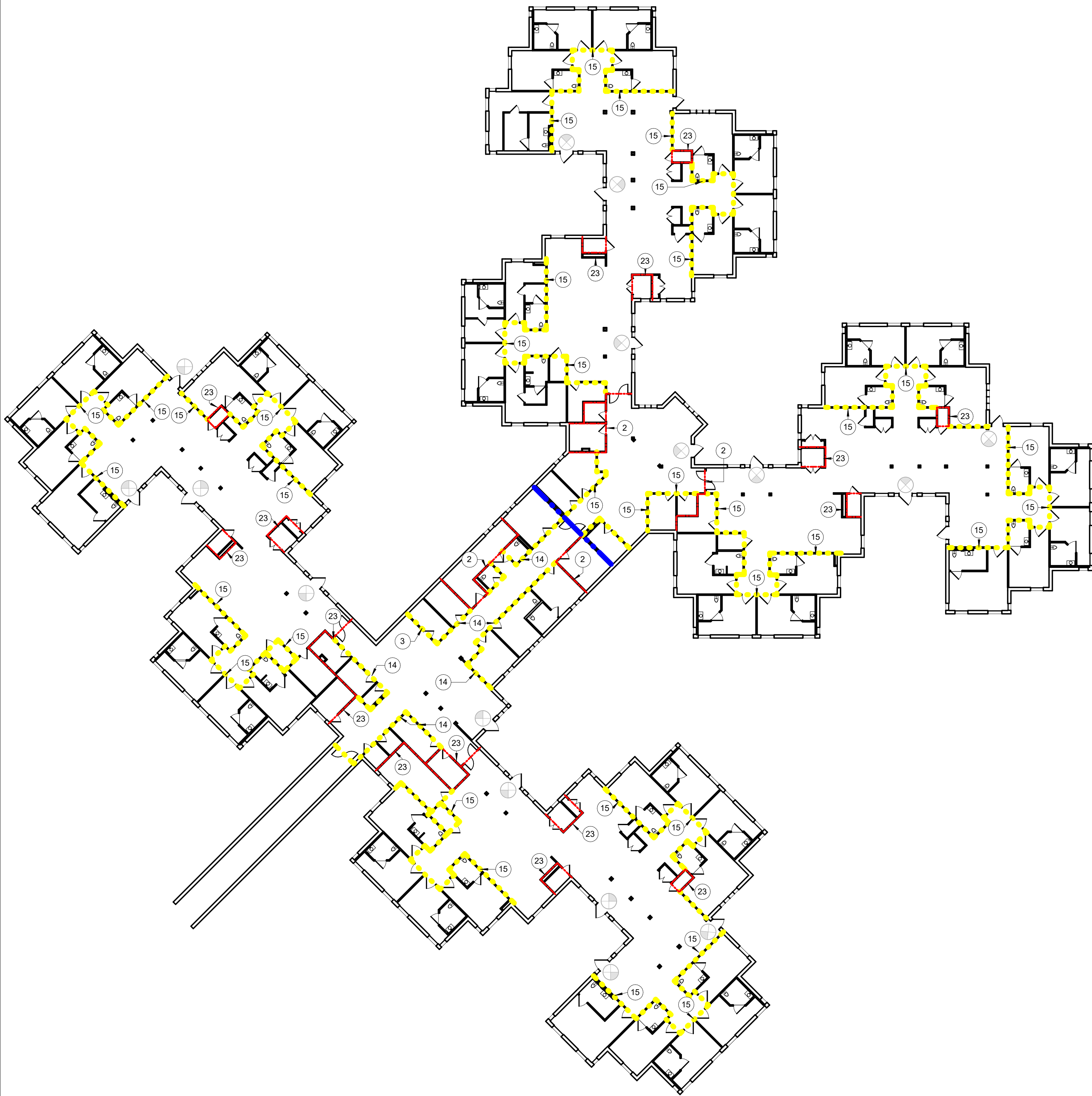
PROJECT # 162_26 MO01
MVH # FAI 29-042
SITE # 7356
FACILITY # 6517356071

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06/26/2026

CAD DWG FILE:	
DRAWN BY:	CCF
CHECKED BY:	JBS
DESIGNED BY:	OCULUS

SHEET TITLE:
SUMMARY OF
WORK, SHEET INDEX
AND
ABBREVIATIONS

SHEET NUMBER:
G002
2 OF 42 SHEETS
06/26/2026



1 FIRST FLOOR LIFE SAFETY PLAN
1" = 20'-0"



LIFE SAFETY - BUILDING CODE ANALYSIS	
PROJECT NAME:	MISSOURI VETERAN'S HOME C-WING RENOVATIONS
CITY:	ST. LOUIS
COUNTY:	SAINT LOUIS COUNTY
STATE:	MISSOURI
AUTHORITY HAVING JURISDICTION:	STATE OF MISSOURI
APPLICABLE CODES AND STANDARDS	SEE BELOW LIST
BASIC BUILDING INFORMATION	
CONSTRUCTION TYPE (NFPA 220, 2012)	TYPE V111
OCCUPANCY CLASSIFICATION (NFPA 101, 2012, CHAPTER 19)	HEALTH CARE, EXISTING HEALTHCARE OCCUPANCY
HEIGHT & AREA LIMITATIONS ANALYSIS (NFPA 101, 2012, CHAPTER 19, 19.1.6.1)	
ALLOWABLE HEIGHT:	2 STORIES
ACTUAL HEIGHT:	2 STORIES
ALLOWABLE AREA (NFPA 5000, 2012 EDITION, CHAPTER 7, 7.4.1, AND 7.6):	
ALLOWABLE AREA PER OCCUPANT:	38,000 SF
NFPA 101 2012 EDITION, TABLE 7.3.1.2	I-2 SLEEPING ROOMS = 120 SF PER OCCUPANT BUSINESS (B) = 150 SF PER OCCUPANT ASSEMBLY (A-3) = 15 SF PER OCCUPANT
ACTUAL OCCUPANTS:	
1ST FLOOR:	I-2: 15,052 / 120 = 126 OCCUPANTS A-3: 7,016 / 15 = 468 OCCUPANTS B: 3,931 / 150 = 27 OCCUPANTS
TOTAL BUILDING ADDITION OCCUPANTS	621 OCCUPANTS
FIRE-RESISTANT BUILDING ELEMENTS (NFPA 220, 2012 EDITION, TABLE 4.1.1)	
STRUCTURAL FRAME:	1 HOURS
EXTERIOR BEARING WALLS:	1 HOURS
INTERIOR BEARING WALLS:	1 HOURS
INTERIOR NONBEARING WALLS:	0 HOURS
FLOOR CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS:	0 HOURS
ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS:	0 HOURS
ACTIVE FIRE SAFETY FEATURES	
AUTOMATIC SPRINKLER SYSTEM (NFPA 13, 2010 EDITION):	REQUIRED, PROVIDED THROUGHOUT THE BUILDING
FIRE ALARM SYSTEM:	PROVIDED (NFPA 72, 2010 EDITION)
DETECTION SYSTEM:	REQUIRED (NFPA 90A, ASME 17.1)
SMOKE CONTROL SYSTEM:	NOT REQUIRED, NOT PROVIDED.
PORTABLE FIRE EXTINGUISHERS:	PROVIDED PER NFPA 10. 75' TRAVEL DISTANCE.
EXIT IDENTIFICATION:	REQUIRED, PROVIDED
EXIT ILLUMINATION:	REQUIRED, PROVIDED

APPLICABLE CODES

BELOW IS A LIST OF APPLICABLE CODES AND STANDARDS FOR THIS PROJECT

- 2012 NFPA 99
- 2012 NFPA 101, CHAPTER 19 OCCUPANCY
- 2010 NFPA 13
- 2010 NFPA 72
- 2011 NFPA 70 (NEC)
- 2012 NFPA 220
- 2012 NFPA 90A

SHEET NOTES

1. THE MINIMUM WIDTH OF EACH DOOR OPENING SHALL BE SUFFICIENT FOR THE OCCUPANT LOAD THEREOF AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32 INCHES. THE HEIGHT OF DOORS SHALL NOT BE LESS THAN 80 INCHES. (NFPA 101, 2012 EDITION 19.2.3.6)
2. EGRESS DOORS SHALL BE READILY OPERABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. ALL EGRESS DOORS TO HAVE PANIC HARDWARE. PANIC HARDWARE SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS. REFERENCE SHEET A601 FOR ADDITIONAL INFORMATION. (NFPA 101 2012 EDITION, 7.2.1.5)
3. THE MEANS OF EGRESS, AND EXIT DISCHARGE, SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED WITH A LIGHT INTENSITY OF NOT LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE LEVEL. (NFPA 101, 2012 EDITION, 7.8)
4. THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. NO STORAGE IS PERMITTED IN ANY EGRESS PATHS. NFPA 101, 2012 EDITION, 7.8)
5. EXISTING FIRE EXTINGUISHER LOCATIONS ARE DETERMINED BY NFPA 10, 2010 EDITION.
6. THE INFORMATION CONTAINED IN THESE LIFE SAFETY PLANS (SHEET) ARE IN REFERENCE TO THE PROJECT SCOPE OF WORK (PROJECT LIMIT LINE) CONTAINED IN THE ARCHITECTURAL PLANS (ONLY). A COMPLETE LIFE SAFETY REVIEW OF THE FACILITY WAS NOT COMPLETED AS PART OF THIS SCOPE OF WORK. AREAS OUTSIDE OF THE SCOPE OF WORK (PROJECT LIMIT LINE) OF THESE DOCUMENTS WERE PROVIDED BY MISSOURI VETERANS HOME FOR REFERENCE BY THE DESIGN TEAM AND ARE ASSUMED TO BE ACCURATE AND COMPLETE FOR USE IN THESE CONSTRUCTION DOCUMENTS. COORDINATE WITH MISSOURI VETERANS HOME FOR ANY ADDITIONAL LIFE SAFETY INFORMATION OUTSIDE OF THIS SCOPE OF WORK.

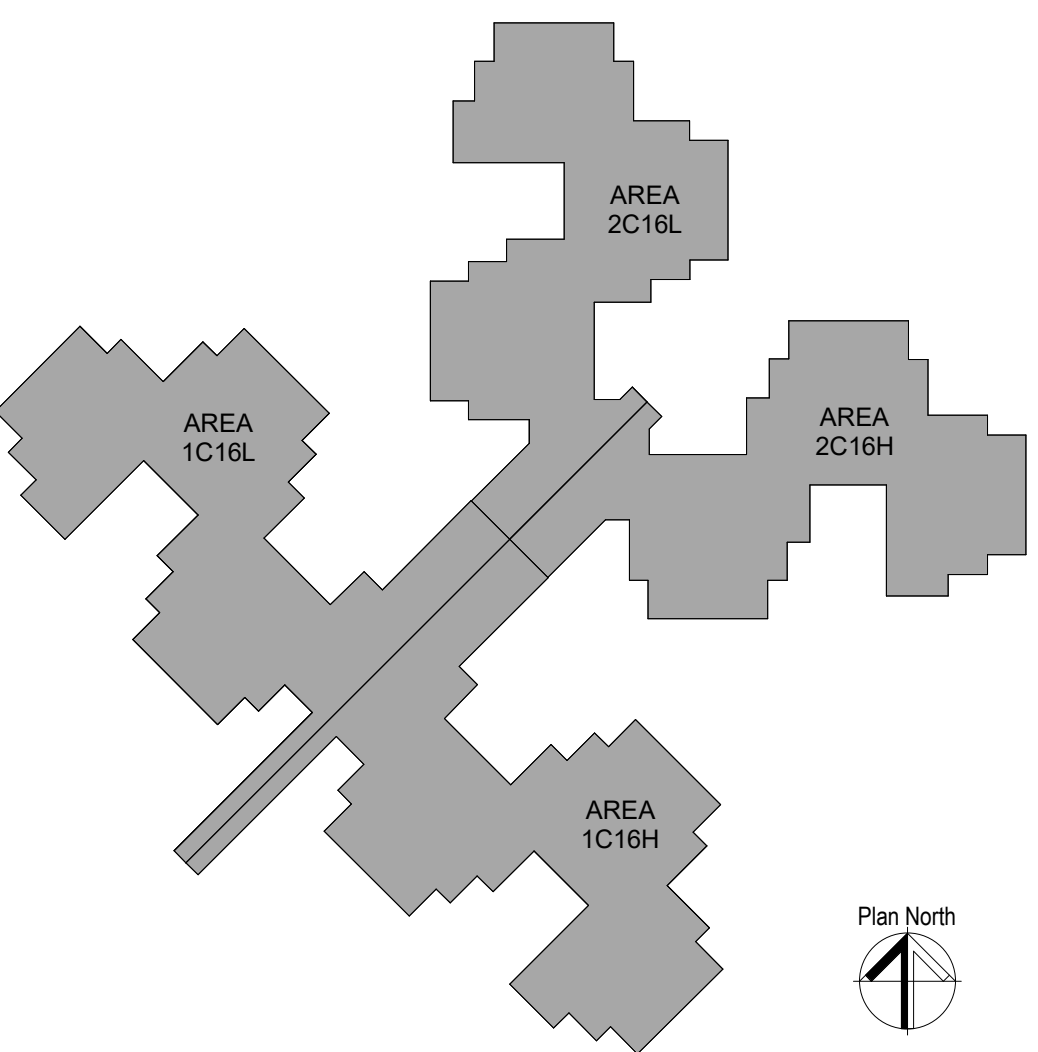
KEYNOTES

- 2 EXISTING NON-COMPLIANT FIRE RATED PARTITION TO BE EXTENDED TO DECK ABOVE. ONE LAYER OF GYPSUM TO BE EXTENDED ON ONE SIDE OF THE EXISTING PARTITION FROM CEILING TO THE BOTTOM OF DECK. EXISTING CEILING GRID AND TILES TO BE REMOVED, STORED, AND REINSTALLED AFTER WORK IS PERFORMED. ENSURE ALL PENETRATIONS ARE SEALED PROPERLY. REFERENCE MECHANICAL DRAWINGS FOR ADDITIONAL PENETRATION ITEMS AND DETAILS. ENSURE PLENUM LABELING IS INSTALLED PER NFPA 101.
- 3 EXISTING NON-COMPLIANT SMOKE RATED PARTITIONS TO BE EXTENDED TO THE DECK ABOVE. INCLUDES WOOD STUD AND GYPSUM BOARD TO TERMINATE AT DECK ABOVE. EXISTING CEILING GRID AND TILES TO BE REMOVED, STORED AND REINSTALLED AFTER WORK IS PERFORMED. INSTALL ADDITIONAL TYPE X, 5/8" GYPSUM BOARD FROM EXISTING JOINT ABOVE ACT TO BOTTOM OF DECK. CUT DRYWALL AROUND ALL PENETRATIONS AS REQUIRED AND ENSURE ALL PENETRATIONS ARE SEALED AS REQUIRED TO RESIST THE PASSAGE OF SMOKE. ENSURE PLENUM LABELING IS INSTALLED PER NFPA 190A.
- 14 EXISTING NON-COMPLIANT CORRIDOR SMOKE RATED PARTITIONS TO BE EXTENDED TO THE DECK ABOVE. INSTALL ADDITIONAL TYPE X, 5/8" GYPSUM BOARD ON ONE SIDE OF THE PARTITION FROM EXISTING JOINT ABOVE ACT TO BOTTOM OF DECK ABOVE. EXISTING CEILING GRID AND TILES TO BE REMOVED, STORED AND REINSTALLED AFTER WORK IS PERFORMED. CUT DRYWALL AROUND ALL PENETRATIONS AS REQUIRED AND ENSURE ALL PENETRATIONS ARE SEALED AS REQUIRED TO RESIST THE PASSAGE OF SMOKE. ENSURE PLENUM LABELING IS INSTALLED PER NFPA 90A.
- 15 EXISTING SMOKE RATED PARTITION. ENSURE ALL PENETRATIONS ARE ENTIRELY SEALED APPROPRIATELY AND PLENUM LABELING IS INSTALLED PER NFPA 90A.
- 23 EXISTING, COMPLIANT FIRE RATED PARTITION TO REMAIN. ENSURE ALL PENETRATIONS ARE SEALED PROPERLY. REFERENCE MECHANICAL DRAWINGS FOR ADDITIONAL PENETRATION ITEMS AND DETAILS. ENSURE PLENUM LABELING IS INSTALLED PER NFPA 90A.

LEGEND

- BARRIER TO RESIST PASSAGE OF SMOKE
- ONE HOUR FIRE BARRIER CONSTRUCTION
- TWO HOUR FIRE BARRIER CONSTRUCTION
- EXISTING EXIT SIGN

KEY PLAN



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Oculus Inc.

ONE SOUTH MEMORIAL DRIVE
SUITE 1500 ST. LOUIS, MO 63102
(314) 367-6100

Introba

OFFICE OF
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DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

STATE OF MISSOURI
VETERAN'S HOME

10600 LEWIS AND
CLARK BLVD
ST. LOUIS, MO 63136

PROJECT # 162_26 MO01
MVH # FAI 29-042
SITE # 7356
FACILITY # 6517356071

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 06/26/2026

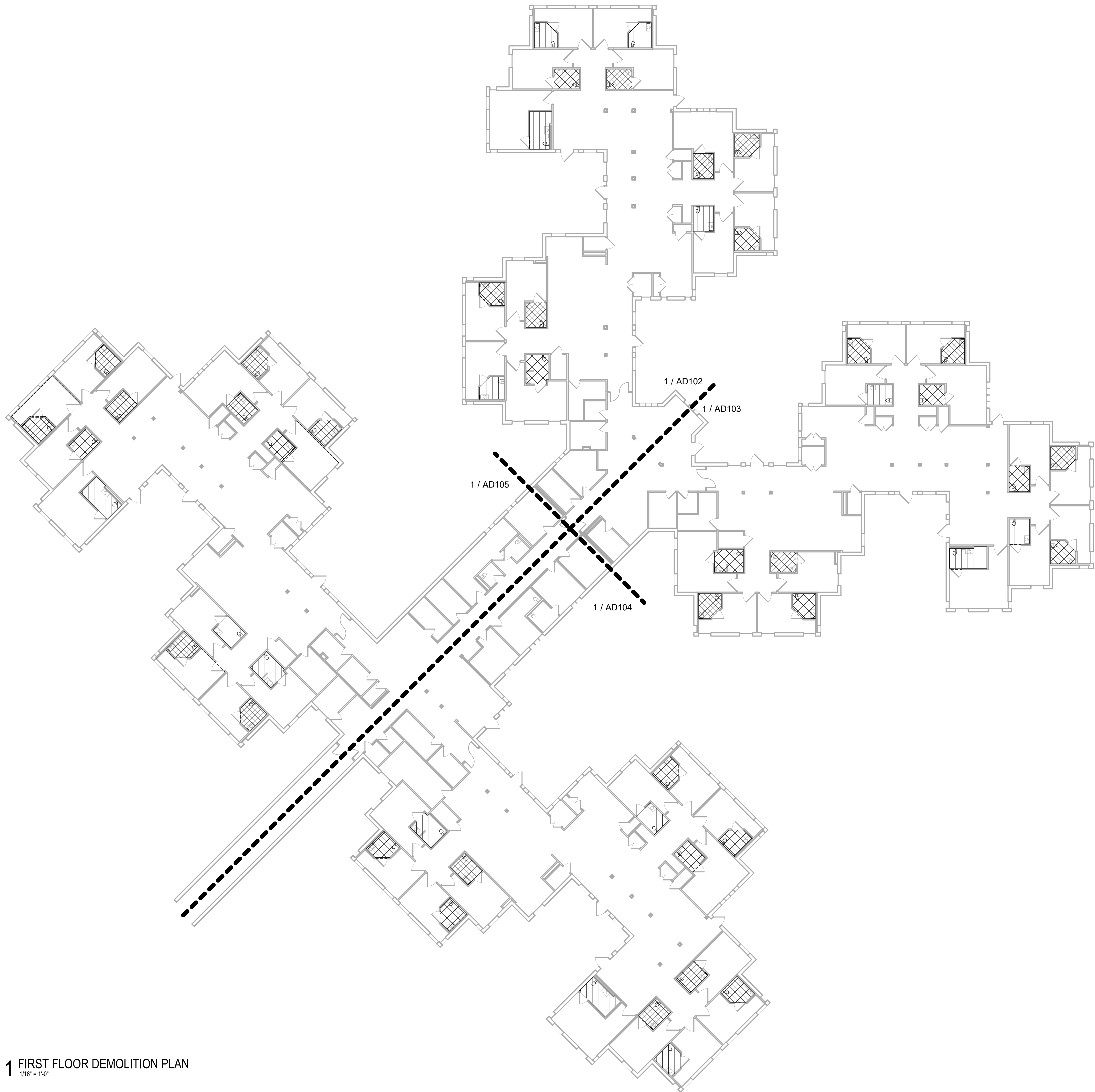
CAD DWG FILE:
DRAWN BY: CCF
CHECKED BY: JBS
DESIGNED BY: OCULUS

SHEET TITLE:
FIRST FLOOR LIFE
SAFETY PLAN

SHEET NUMBER:

G003

3 OF 42 SHEETS
06/26/2026

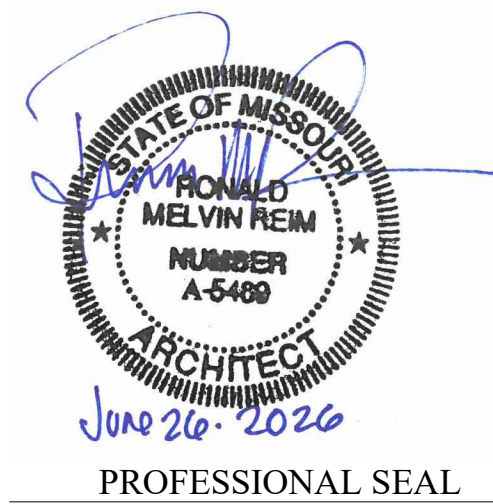


1 FIRST FLOOR DEMOLITION PLAN
1/16" = 1'-0"

SHEET NOTES

1. IF MATERIALS ARE ENCOUNTERED THAT MAY BE HAZARDOUS OR MAY CONTAIN HAZARDOUS COMPONENTS, CEASE WORK IMMEDIATELY, PREVENT FURTHER DISTURBANCE, SECURE THE AREA, AND NOTIFY THE OWNER.
2. DO NOT CUT STRUCTURAL COMPONENTS UNLESS INDICATED OTHERWISE.
3. COORDINATE REMOVAL OF DEMOLISHED MATERIALS WITH OWNER. PREVENT DUST AND DEBRIS FROM INFILTRATING TO ADJACENT SPACES.
4. PROVIDE AND MAINTAIN TEMPORARY PARTITIONS, PROTECTIVE BARRIERS AND SECURITY DEVICES AS REQUIRED TO PROTECT BUILDING, CONTENTS AND OCCUPANTS FROM HARM DUE TO DEMOLITION ACTIVITIES. REF. A600/T1
5. EXISTING WALLS THROUGHOUT C-WING TO BE PROTECTED DURING THE DURATION OF CONSTRUCTION.
6. EXISTING DOOR GAPS AND HINGE ADJUSTMENT PER NFPA 80.

STATE OF MISSOURI
MIKE KEHOE,
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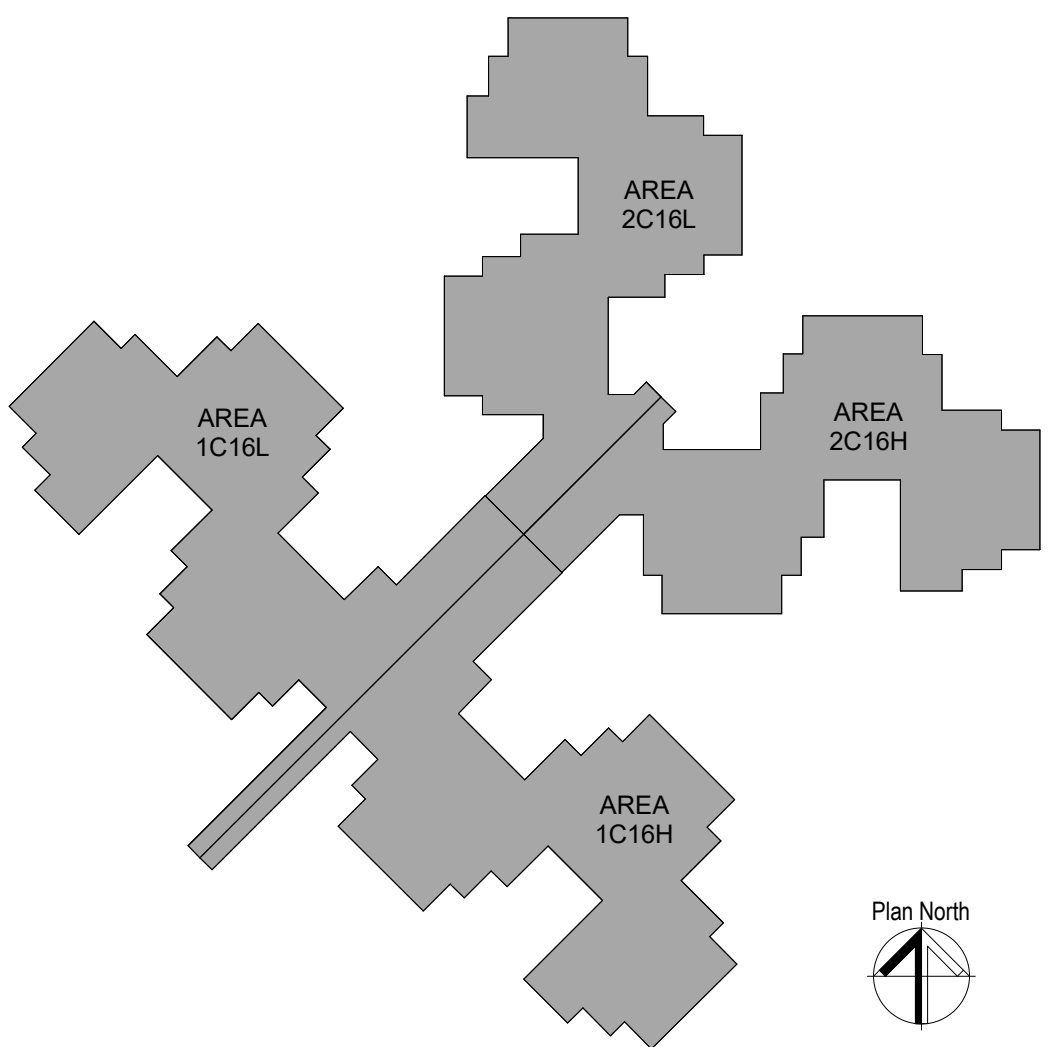


OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING DOOR TO REMAIN
- BASE BID: HATCHED AREA REPRESENTS BATHROOM FLOOR RENOVATION
- ALTERNATE 1: HATCHED AREA REPRESENTS BATHROOM FLOOR RENOVATION
- ALTERNATE 1 : BEDROOM FLOOR RENOVATION

KEY PLAN



STATE OF MISSOURI
VETERAN'S HOME

10600 LEWIS AND
CLARK BLVD
ST. LOUIS, MO 63136

PROJECT # 162_26 MO01
MVH # FAI 29-042
SITE # 7356
FACILITY # 6517356071

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06/26/2026

CAD DWG FILE: _____
DRAWN BY: CCF
CHECKED BY: JBS
DESIGNED BY: OCULUS

SHEET TITLE:
OVERALL
DEMOLITION FLOOR
PLAN

SHEET NUMBER:

AD101

4 OF 42 SHEETS
06/26/2026

2 DEMOLITION FLOOR PLAN - LAYOUT 1
1/4" = 1'-0"

3 DEMOLITION FLOOR PLAN - LAYOUT 2
1/4" = 1'-0"

1. IF MATERIALS ARE ENCOUNTERED THAT MAY BE HAZARDOUS OR MAY CONTAIN HAZARDOUS COMPONENTS, CEASE WORK IMMEDIATELY, PREVENT FURTHER DISTURBANCE, SECURE THE AREA, AND NOTIFY THE OWNER.
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3. COORDINATE REMOVAL OF DEMOLISHED MATERIALS WITH OWNER. PREVENT DUST AND DEBRIS FROM INFILTRATING TO ADJACENT SPACES.
4. PROVIDE AND MAINTAIN TEMPORARY PARTITIONS, PROTECTIVE BARRIERS AND SECURITY DEVICES AS REQUIRED TO PROTECT BUILDING, CONTENTS AND OCCUPANTS FROM HARM DUE TO DEMOLITION ACTIVITIES. REF. A60071
5. EXISTING WALLS THROUGHOUT C-WING TO BE PROTECTED DURING THE DURATION OF CONSTRUCTION.
6. EXISTING DOOR GAPS AND HINGE ADJUSTMENT PER NFPA 80.

1	TEMPORARY BARRIERS AND DOORS TO BE PROVIDED AT AREAS WHERE DEMOLITION AND REMOVAL OF EXISTING ELEMENTS ARE REQUIRED. ADJACENT EXISTING ITEMS TO BE PROTECTED DURING THE ENTIRE DURATION OF CONSTRUCTION.
4	EXISTING DOOR DOES NOT PROPERLY LATCH TO DOOR FRAME. HARDWARE TO BE ADJUSTED FOR DOOR TO LATCH CORRECTLY.
8	DEMOLISH TOILET/SHOWER ROOM FLOOR SYSTEM ENTIRELY. EPOXY FLOOR AND COVE BASE, AND MORTAR THICKSET TO BE DEMOLISHED DOWN TO THE SUBGRADE. PREP AREA FOR NEW MATERIALS AND SHOWER INFILL. REFERENCE PLUMBING DRAWINGS FOR MORE INFORMATION ON DRAIN LOCATIONS AND FIXTURES TO BE REMOVED OR REMAIN AND NEW WORK PLANS FOR FINAL SLOPING.
9	EXISTING WATER CLOSETS TO BE REMOVED AND REINSTALLED AFTER WORK IS PERFORMED. PROTECT AND STORE DURING THE ENTIRE DURATION OF CONSTRUCTION. EXISTING GRAB BARS AND TOILET ACCESSORIES TO REMAIN INSTALLED DURING CONSTRUCTION.
11	EXISTING PAPER TOWEL DISPENSER TO BE REMOVED, RELOCATED, AND REINSTALLED. PROTECT AND STORE DURING THE ENTIRE DURATION OF CONSTRUCTION. ENSURE THAT THE DISPENSER IS FULLY OPERABLE AND AWAY FROM ANY OBSTRUCTION. REFERENCE 6/A400 ELEVATION FOR ADDITIONAL INFORMATION.
16	TEMPORARY BARRIERS TO BE LOCATED AT EACH INDIVIDUAL SHOWER SCOPE OF WORK TO PROTECT ADJACENT AND EXISTING ITEMS. COORDINATE FINAL LOCATIONS WITH GC AND OWNER.REF A600/T1
18	EXISTING ROOM FLOORING TO REMAIN. PROTECT DURING ENTIRE DURATION OF CONSTRUCTION.
19	APPROXIMATE LOCATION OF SAWCUT AND CONCRETE AREA TO BE REMOVED. SAWCUT PORTIONS TO BE SUBGRADE OR BELOW AND PREPARE SUBSTRATE FOR NEW VAPOR BARRIER AND INFILL. ENSURE COORDINATION BETWEEN TRADES PRIOR TO CONCRETE REMOVAL. REFERENCE SUMMARY OF WORK FOR ITEMS REQUIRED AFTER EACH DEMOLITION PHASE IS COMPLETED.
20	EXISTING BEDROOM AND BATHROOM WALLS TO REMAIN AND EXISTING DOORS TO REMAIN. PROTECT DURING THE ENTIRE DURATION OF CONSTRUCTION.
21	EXISTING LAVATORY AND WALL MOUNTED MIRROR TO REMAIN. PROTECT DURING THE ENTIRE DURATION OF CONSTRUCTION.
22	EXISTING, COMPLIANT SHOWER CONTROLS AND GRAB BARS TO REMAIN INSTALLED DURING THE ENTIRE DURATION OF CONSTRUCTION.

EXISTING CONSTRUCTION TO REMAIN

EXISTING DOOR TO REMAIN

BASE BID: HATCHED AREA REPRESENTS BATHROOM FLOOR RENOVATION

ALTERNATE 1: HATCHED AREA REPRESENTS BATHROOM FLOOR RENOVATION

ALTERNATE 1 : BEDROOM FLOOR RENOVATION

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STATE OF MISSOURI
VETERAN'S HOME

10600 LEWIS AND
CLARK BLVD
ST. LOUIS, MO 63136

PROJECT #	162_26 MO01
MVH #	FAI 29-042
SITE #	7356
FACILITY #	6517356071

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06/26/2026

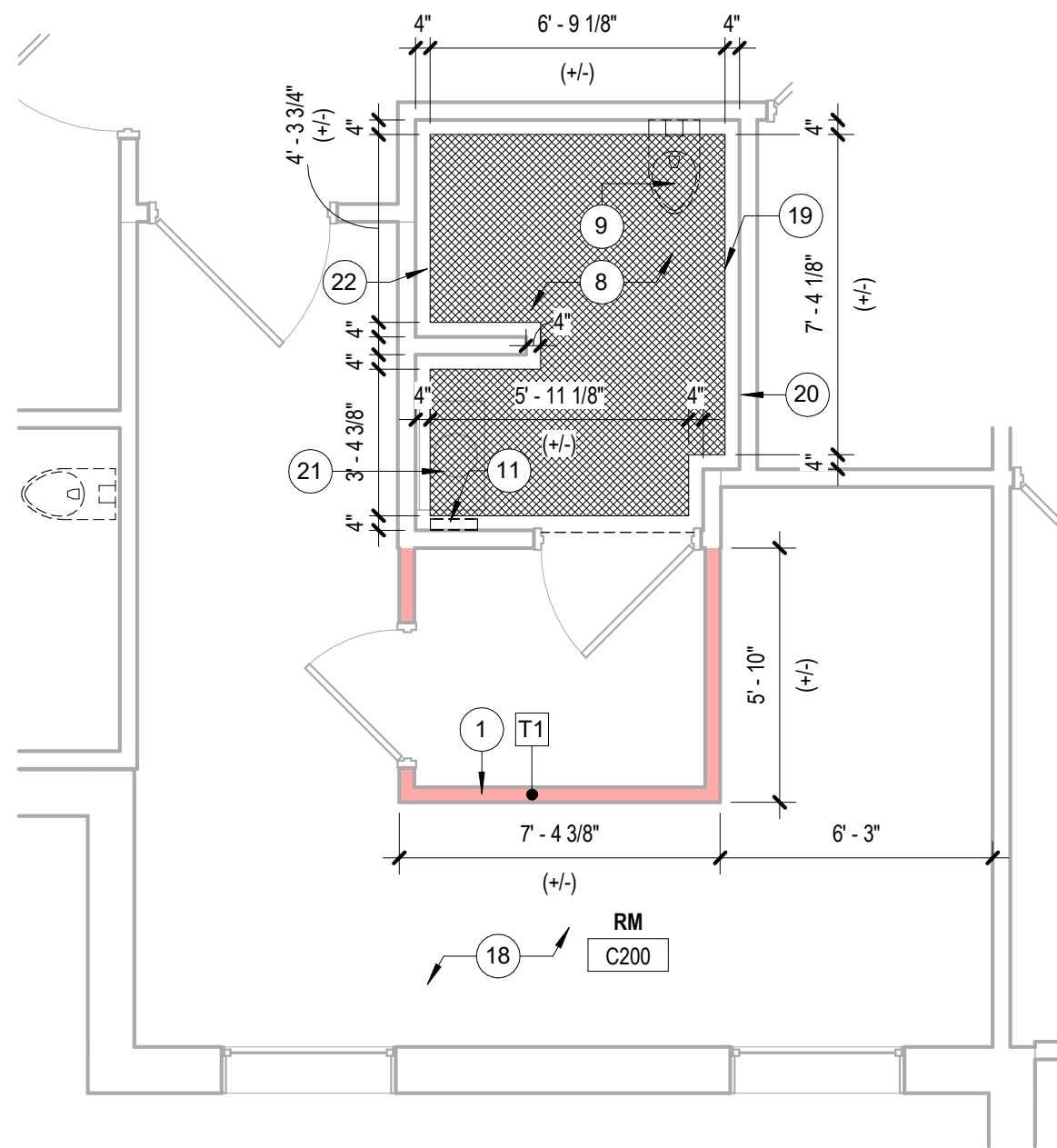
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 DRAWN BY: CCF
 CHECKED BY: JBS
 DESIGNED BY: OCULUS

SHEET TITLE:
DEMOLITION FLOOR
PLAN - AREA 2C16L

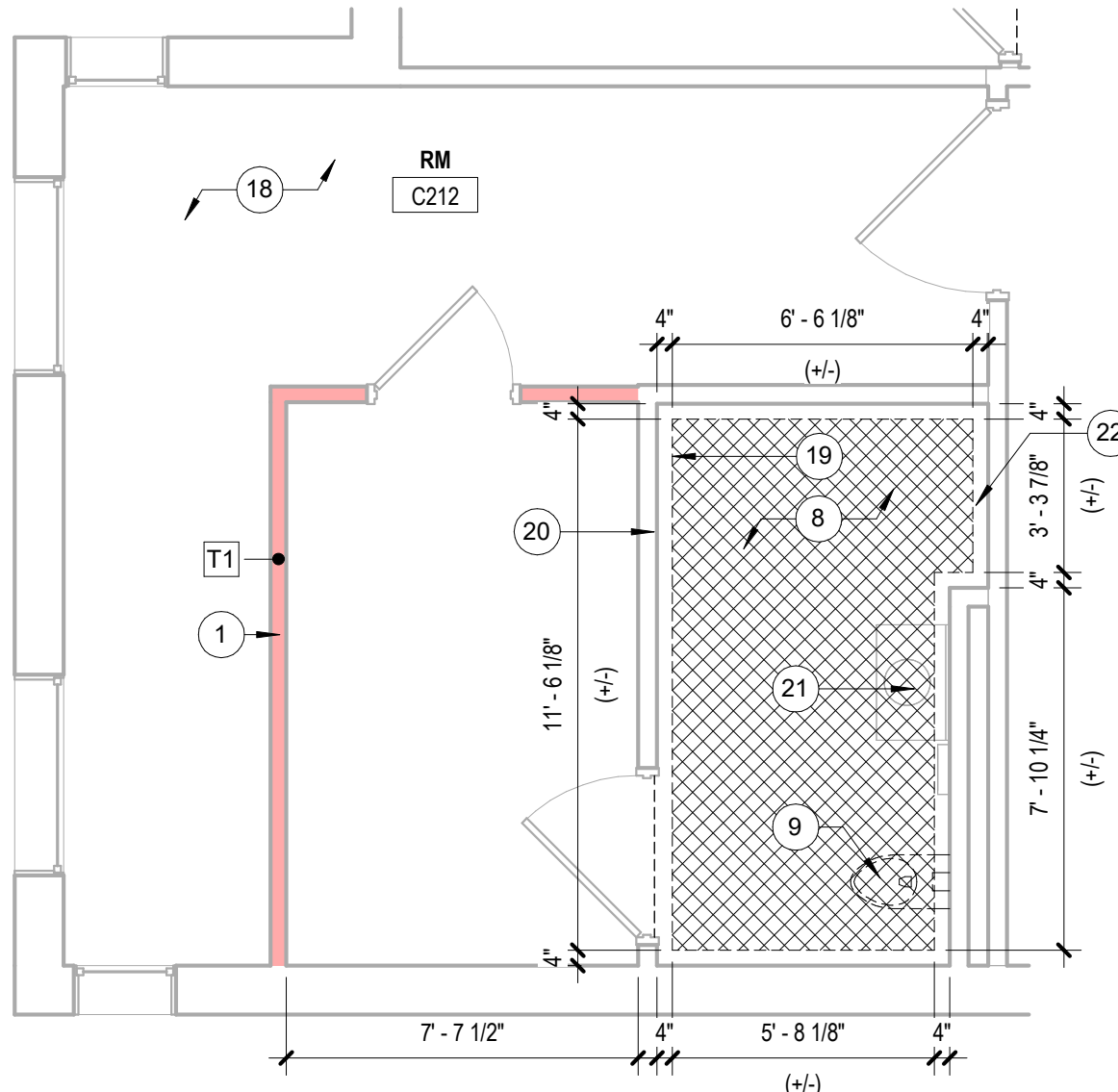
SHEET NUMBER:

AD102
5 OF 42 SHEETS
06/26/2026

ENLARGED DEMOLITION BATHROOM PLANS



2 DEMOLITION FLOOR PLAN - LAYOUT 2
1/4" = 1'-0"



3 DEMOLITION FLOOR PLAN - LAYOUT 3
1/4" = 1'-0"

LEGEND

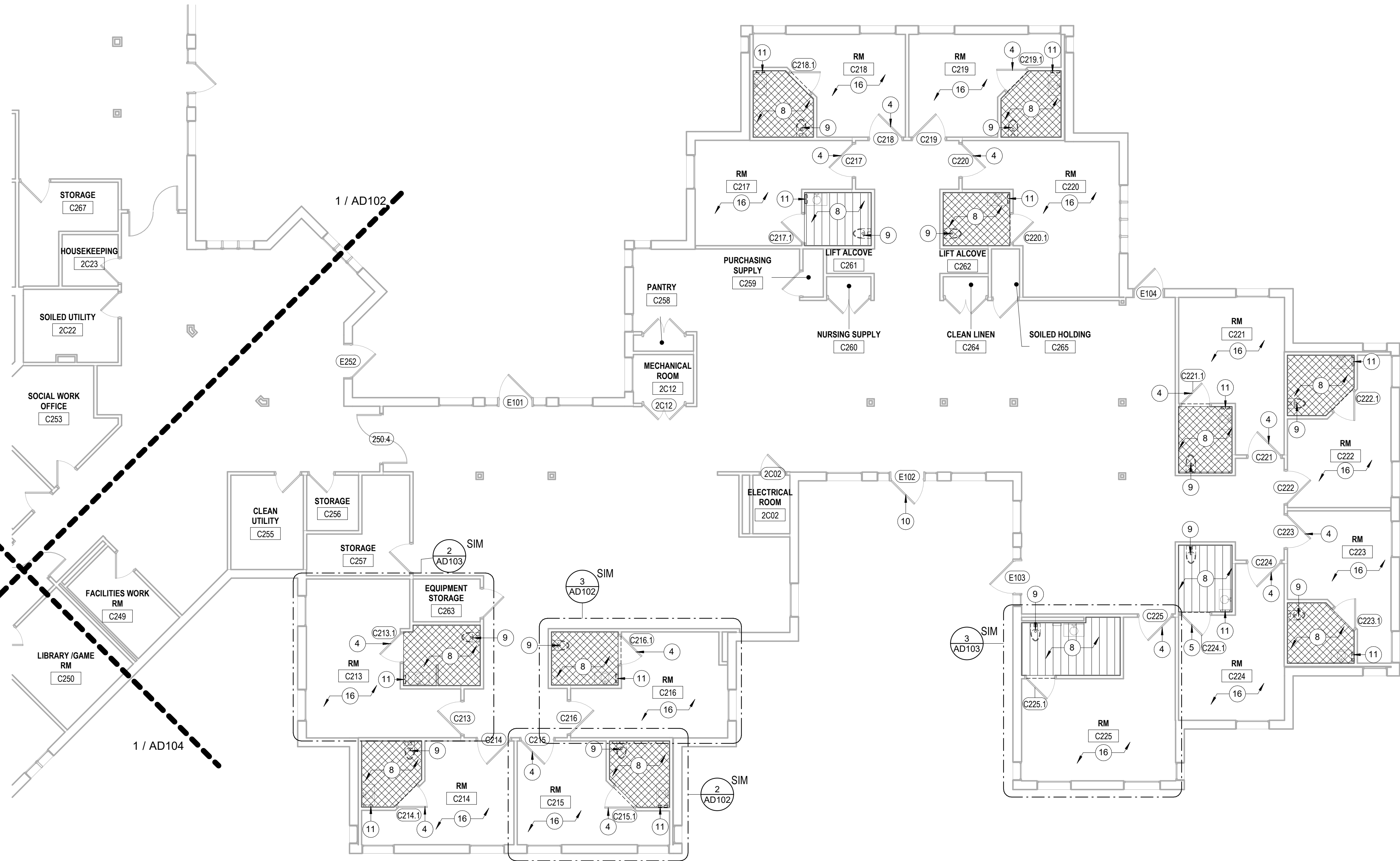
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING DOOR TO REMAIN
- BASE BID: HATCHED AREA REPRESENTS BATHROOM FLOOR RENOVATION
- ALTERNATE 1: HATCHED AREA REPRESENTS BATHROOM FLOOR RENOVATION
- ALTERNATE 1 : BEDROOM FLOOR RENOVATION

SHEET NOTES

- IF MATERIALS ARE ENCOUNTERED THAT MAY BE HAZARDOUS OR MAY CONTAIN HAZARDOUS COMPONENTS, CEASE WORK IMMEDIATELY, PREVENT FURTHER DISTURBANCE, SECURE THE AREA, AND NOTIFY THE OWNER.
- DO NOT CUT STRUCTURAL COMPONENTS UNLESS INDICATED OTHERWISE.
- COORDINATE REMOVAL OF DEMOLISHED MATERIALS WITH OWNER. PREVENT DUST AND DEBRIS FROM INFILTRATING TO ADJACENT SPACES.
- PROVIDE AND MAINTAIN TEMPORARY PARTITIONS, PROTECTIVE BARRIERS AND SECURITY DEVICES AS REQUIRED TO PROTECT BUILDING, CONTENTS AND OCCUPANTS FROM HARM DUE TO DEMOLITION ACTIVITIES. REF. A600T1
- EXISTING WALLS THROUGHOUT C-WING TO BE PROTECTED DURING THE DURATION OF CONSTRUCTION.
- EXISTING DOOR GAPS AND HINGE ADJUSTMENT PER NFPA 80.

KEYNOTES

- TEMPORARY BARRIERS AND DOORS TO BE PROVIDED AT AREAS WHERE DEMOLITION AND REMOVAL OF EXISTING ELEMENTS ARE REQUIRED. ADJACENT EXISTING ITEMS TO BE PROTECTED DURING THE ENTIRE DURATION OF CONSTRUCTION.
- EXISTING DOOR DOES NOT PROPERLY LATCH TO DOOR FRAME. HARDWARE TO BE ADJUSTED FOR DOOR TO LATCH CORRECTLY.
- EXISTING DOOR LEVER IS NOT PROPERLY WORKING. HARDWARE TO BE ADJUSTED FOR LEVER TO WORK ACCORDINGLY.
- DEMOLISH TOILET/SHOWER ROOM FLOOR SYSTEM ENTIRELY. EPOXY FLOOR AND COVE BASE, AND MORTAR THICKSET TO BE DEMOLISHED DOWN TO THE SUBGRADE. PREP AREA FOR NEW MATERIALS AND SHOWER INFILL. REFERENCE PLUMBING DRAWINGS FOR MORE INFORMATION ON DRAIN LOCATIONS AND FIXTURES TO BE REMOVED OR REMAIN AND NEW WORK PLANS FOR FINAL SLOPING.
- EXISTING WATER CLOSETS TO BE REMOVED AND REINSTALLED AFTER WORK IS PERFORMED. PROTECT AND STORE DURING THE ENTIRE DURATION OF CONSTRUCTION. EXISTING GRAB BARS AND TOILET ACCESSORIES TO REMAIN INSTALLED DURING CONSTRUCTION.
- EXISTING EXTERIOR DOOR GLAZING BROKEN. NEW GLAZING TO BE INSTALLED.
- EXISTING PAPER TOWEL DISPENSER TO BE REMOVED, RELOCATED, AND REINSTALLED. PROTECT AND STORE DURING THE ENTIRE DURATION OF CONSTRUCTION. ENSURE THAT THE DISPENSER IS FULLY OPERABLE AND AWAY FROM ANY OBSTRUCTION. REFERENCE 6/A400 ELEVATION FOR ADDITIONAL INFORMATION.
- TEMPORARY BARRIERS TO BE LOCATED AT EACH INDIVIDUAL SHOWER SCOPE OF WORK TO PROTECT ADJACENT AND EXISTING ITEMS. COORDINATE FINAL LOCATIONS WITH GC AND OWNER. REF A600/T1
- EXISTING ROOM FLOORING TO REMAIN. PROTECT DURING ENTIRE DURATION OF CONSTRUCTION.
- APPROXIMATE LOCATION OF SAWCUT AND CONCRETE AREA TO BE REMOVED. SAWCUT PORTIONS TO BE SUBGRADE OR BELOW AND PREPARE SUBSTRATE FOR NEW VAPOR BARRIER AND INFILL. ENSURE COORDINATION BETWEEN TRADES PRIOR TO CONCRETE REMOVAL. REFERENCE SUMMARY OF WORK FOR ITEMS REQUIRED AFTER EACH DEMOLITION PHASE IS COMPLETED.
- EXISTING BEDROOM AND BATHROOM WALLS TO REMAIN AND EXISTING DOORS TO REMAIN. PROTECT DURING THE ENTIRE DURATION OF CONSTRUCTION.
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- EXISTING, COMPLIANT SHOWER CONTROLS AND GRAB BARS TO REMAIN INSTALLED DURING THE ENTIRE DURATION OF CONSTRUCTION.

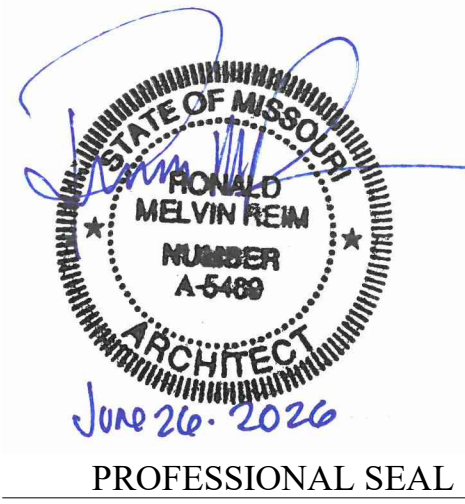


1 DEMOLITION FLOOR PLAN - AREA 2C16H
1/8" = 1'-0"

KEY PLAN



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Oculus Inc.

ONE SOUTH MEMORIAL DRIVE
SUITE 1500 ST. LOUIS, MO 63102
(314) 367-6100

Introba

6 SOUTH OLD ORCHARD AVE.
ST. LOUIS, MO 63119
T: 314.918.8383
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OFFICE OF
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MANAGEMENT,
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STATE OF MISSOURI
VETERAN'S HOME

10600 LEWIS AND
CLARK BLVD
ST. LOUIS, MO 63136

PROJECT # 162_26 MO01
MVH # FAI 29-042
SITE # 7356
FACILITY # 6517356071

REVISION:
DATE:
REVISION:
DATE:
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ISSUE DATE: 06/26/2026

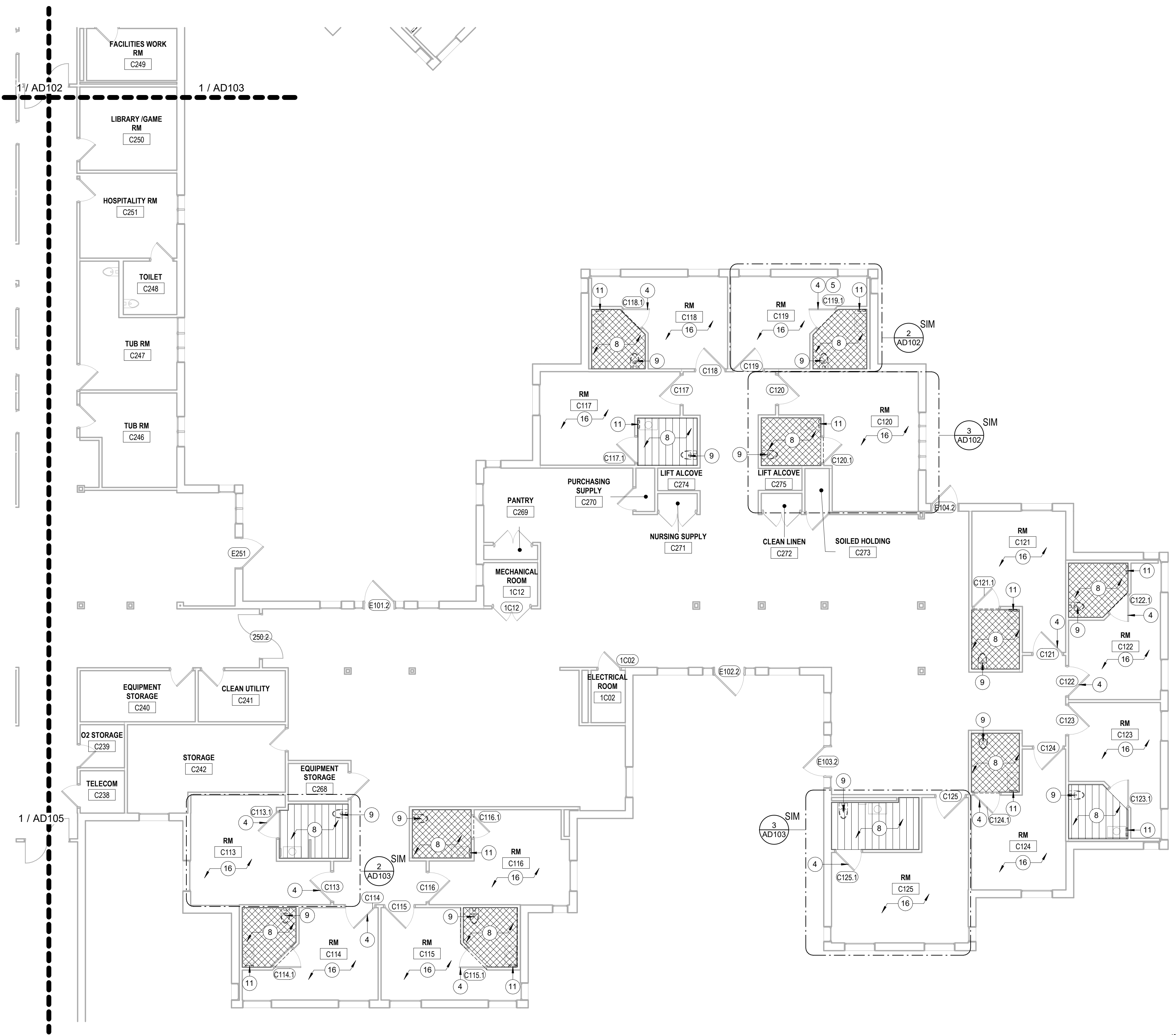
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CHECKED BY: JBS
DESIGNED BY: OCULUS

SHEET TITLE:
DEMOLITION FLOOR
PLAN - AREA 2C16H

SHEET NUMBER:

AD103

6 OF 42 SHEETS
06/26/2026



1 DEMOLITION FLOOR PLAN - AREA 1C16H
1/8" = 1'-0"

SHEET NOTES

1. IF MATERIALS ARE ENCOUNTERED THAT MAY BE HAZARDOUS OR MAY CONTAIN HAZARDOUS COMPONENTS, CEASE WORK IMMEDIATELY, PREVENT FURTHER DISTURBANCE, SECURE THE AREA, AND NOTIFY THE OWNER.
2. DO NOT CUT STRUCTURAL COMPONENTS UNLESS INDICATED OTHERWISE.
3. COORDINATE REMOVAL OF DEMOLISHED MATERIALS WITH OWNER. PREVENT DUST AND DEBRIS FROM INFILTRATING TO ADJACENT SPACES.
4. PROVIDE AND MAINTAIN TEMPORARY PARTITIONS, PROTECTIVE BARRIERS AND SECURITY DEVICES AS REQUIRED TO PROTECT BUILDING, CONTENTS AND OCCUPANTS FROM HARM DUE TO DEMOLITION ACTIVITIES. REF. A600/T1
5. EXISTING WALLS THROUGHOUT C-WING TO BE PROTECTED DURING THE DURATION OF CONSTRUCTION.
6. EXISTING DOOR GAPS AND HINGE ADJUSTMENT PER NFPA 80.

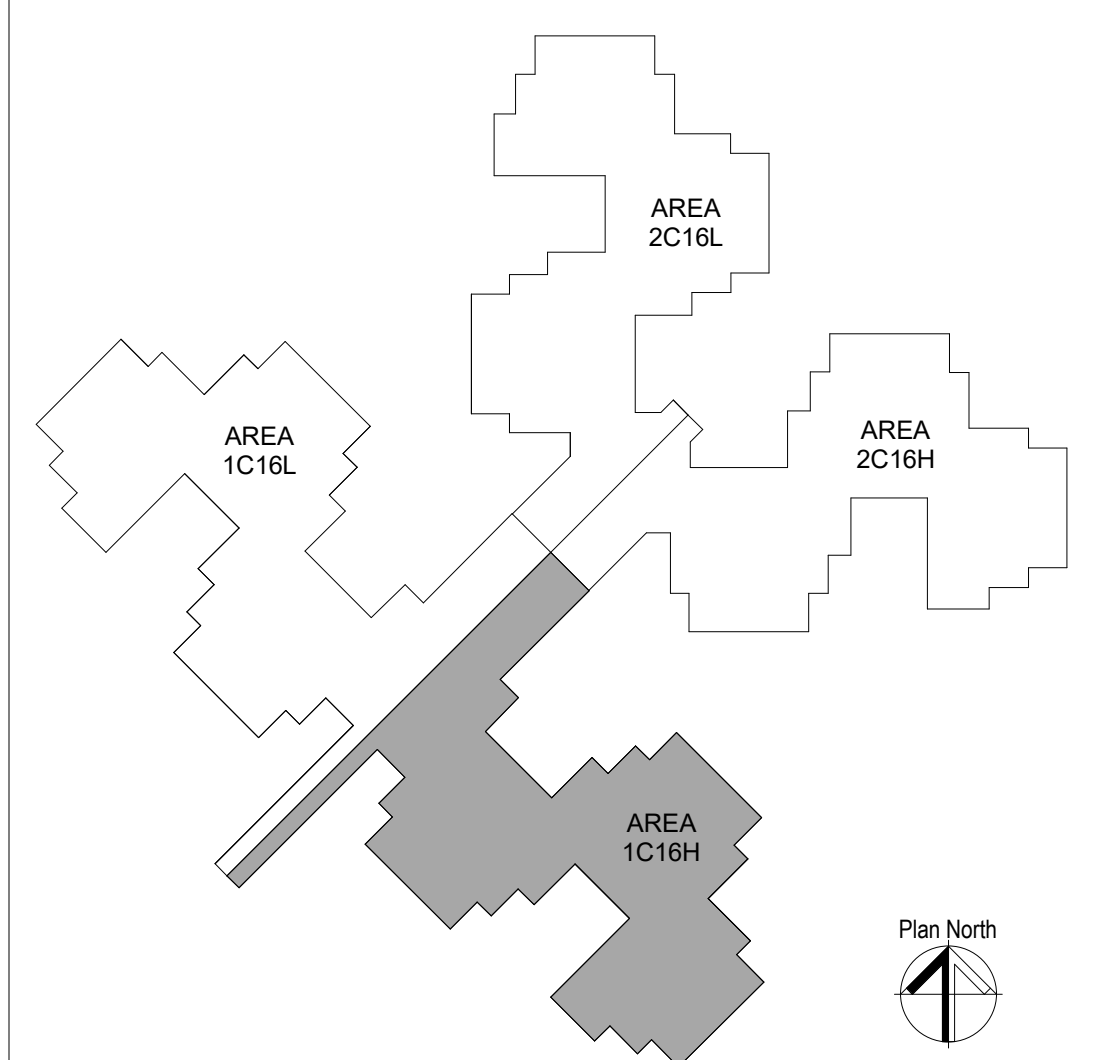
KEYNOTES

4	EXISTING DOOR DOES NOT PROPERLY LATCH TO DOOR FRAME. HARDWARE TO BE ADJUSTED FOR DOOR TO LATCH CORRECTLY.
5	EXISTING DOOR LEVER IS NOT PROPERLY WORKING. HARDWARE TO BE ADJUSTED FOR LEVER TO WORK ACCORDINGLY.
8	DEMOLISH TOILET/SHOWER ROOM FLOOR SYSTEM ENTIRELY. EPOXY FLOOR AND COVE BASE, AND MORTAR THICKSET TO BE DEMOLISHED DOWN TO THE SUBGRADE. PREP AREA FOR NEW MATERIALS AND SHOWER INFILL. REFERENCE PLUMBING DRAWINGS FOR MORE INFORMATION ON DRAIN LOCATIONS AND FIXTURES TO BE REMOVED OR REMAIN AND NEW WORK PLANS FOR FINAL SLOPING.
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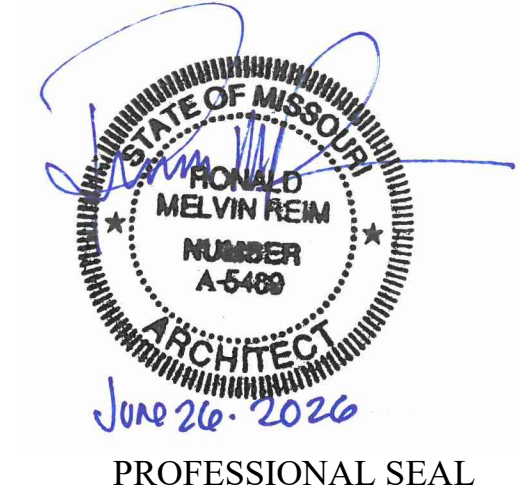
LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING DOOR TO REMAIN
- BASE BID: HATCHED AREA REPRESENTS BATHROOM FLOOR RENOVATION
- ALTERNATE 1: HATCHED AREA REPRESENTS BATHROOM FLOOR RENOVATION
- ALTERNATE 1: BEDROOM FLOOR RENOVATION

KEY PLAN



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



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STATE OF MISSOURI
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10600 LEWIS AND
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ST. LOUIS, MO 63136

PROJECT # 162_26 MO01
MVH # FAI 29-042
SITE # 7356
FACILITY # 6517356071

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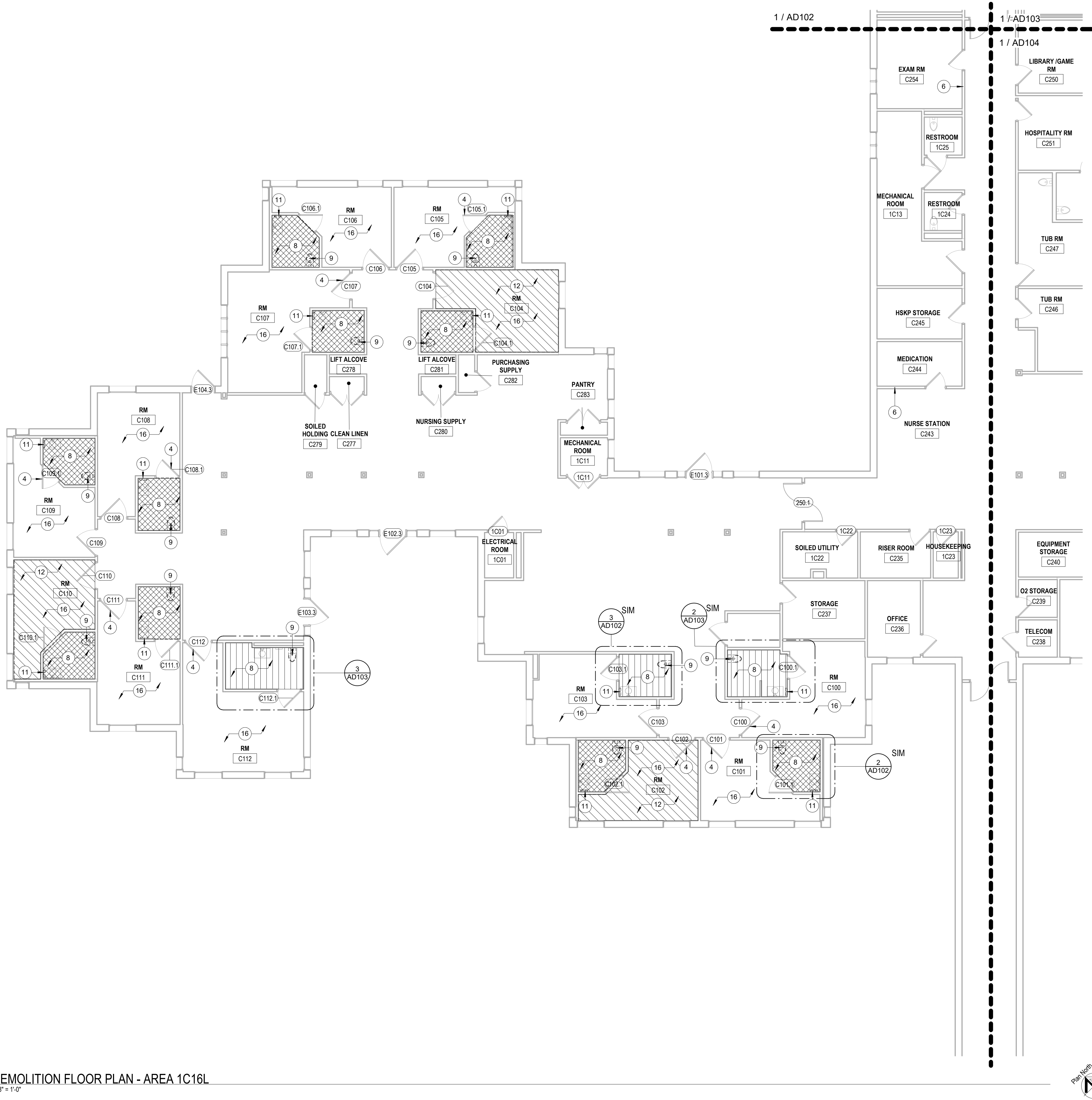
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DRAWN BY: CCF
CHECKED BY: JBS
DESIGNED BY: OCULUS

SHEET TITLE:
DEMOLITION FLOOR
PLAN - AREA 1C16H

SHEET NUMBER:

AD104

7 OF 42 SHEETS
06/26/2026



SHEET NOTES

- IF MATERIALS ARE ENCOUNTERED THAT MAY BE HAZARDOUS OR MAY CONTAIN HAZARDOUS COMPONENTS, CEASE WORK IMMEDIATELY, PREVENT FURTHER DISTURBANCE, SECURE THE AREA, AND NOTIFY THE OWNER.
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- EXISTING DOOR GAPS AND HINGE ADJUSTMENT PER NFPA 80.

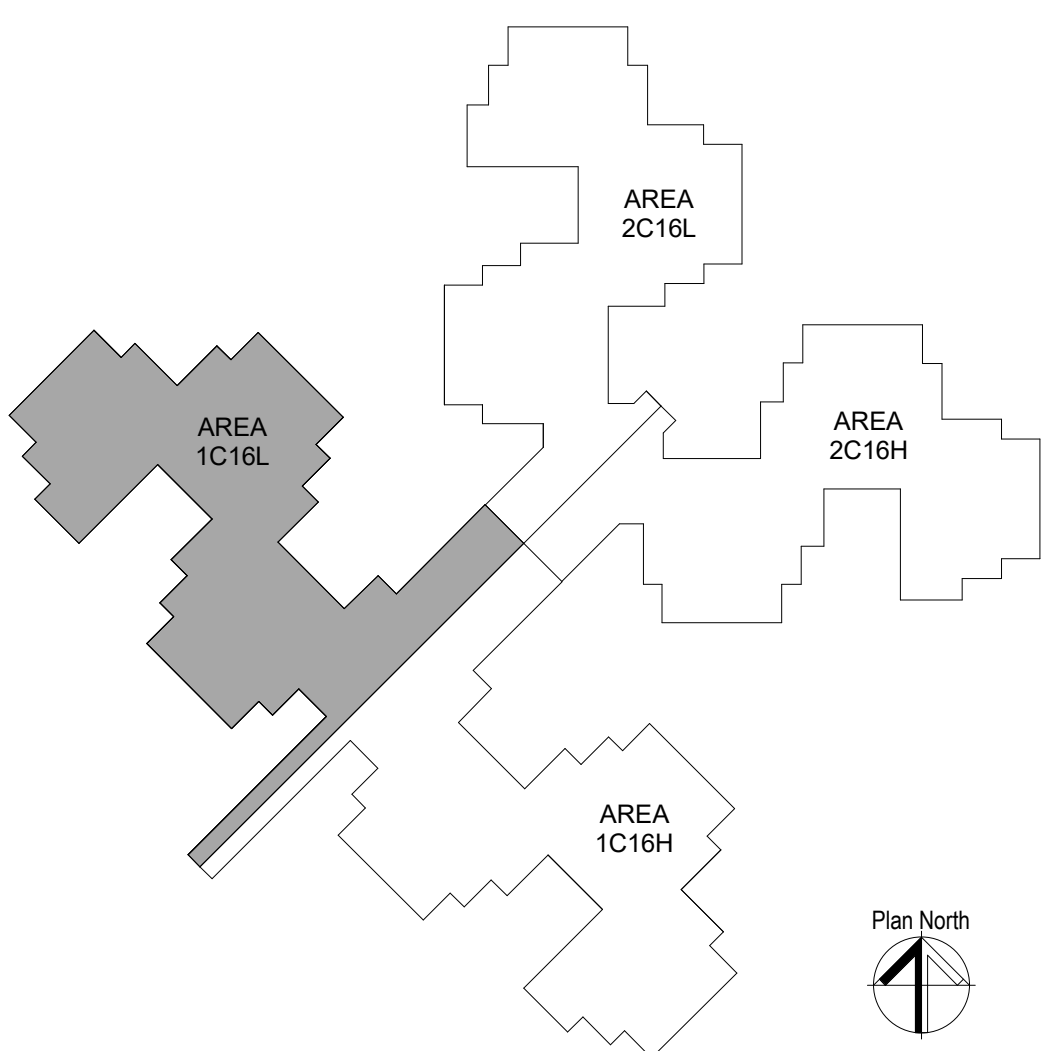
KEYNOTES

4	EXISTING DOOR DOES NOT PROPERLY LATCH TO DOOR FRAME. HARDWARE TO BE ADJUSTED FOR DOOR TO LATCH CORRECTLY.
6	EXISTING CORRIDOR WALLS TO EXTEND ENTIRELY TO DECK.
8	DEMOLISH TOILET/SHOWER ROOM FLOOR SYSTEM ENTIRELY. EPOXY FLOOR AND COVE BASE, AND MORTAR THICKSET TO BE DEMOLISHED DOWN TO THE SUBGRADE. PREP AREA FOR NEW MATERIALS AND SHOWER INFILL. REFERENCE PLUMBING DRAWINGS FOR MORE INFORMATION ON DRAIN LOCATIONS AND FIXTURES TO BE REMOVED OR REMAIN AND NEW WORK PLANS FOR FINAL SLOPING.
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12	DEMOLISH EXISTING FLOOR WITHIN PRIVATE BEDROOM DISTURBED BY EQUIPMENT FAILURE. PREP FLOOR FOR NEW FINISH.
16	TEMPORARY BARRIERS TO BE LOCATED AT EACH INDIVIDUAL SHOWER SCOPE OF WORK TO PROTECT ADJACENT AND EXISTING ITEMS. COORDINATE FINAL LOCATIONS WITH GC AND OWNER. REF. A600/T1

LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	EXISTING DOOR TO REMAIN
	BASE BID: HATCHED AREA REPRESENTS BATHROOM FLOOR RENOVATION
	ALTERNATE 1: HATCHED AREA REPRESENTS BATHROOM FLOOR RENOVATION
	ALTERNATE 1: BEDROOM FLOOR RENOVATION

KEY PLAN



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



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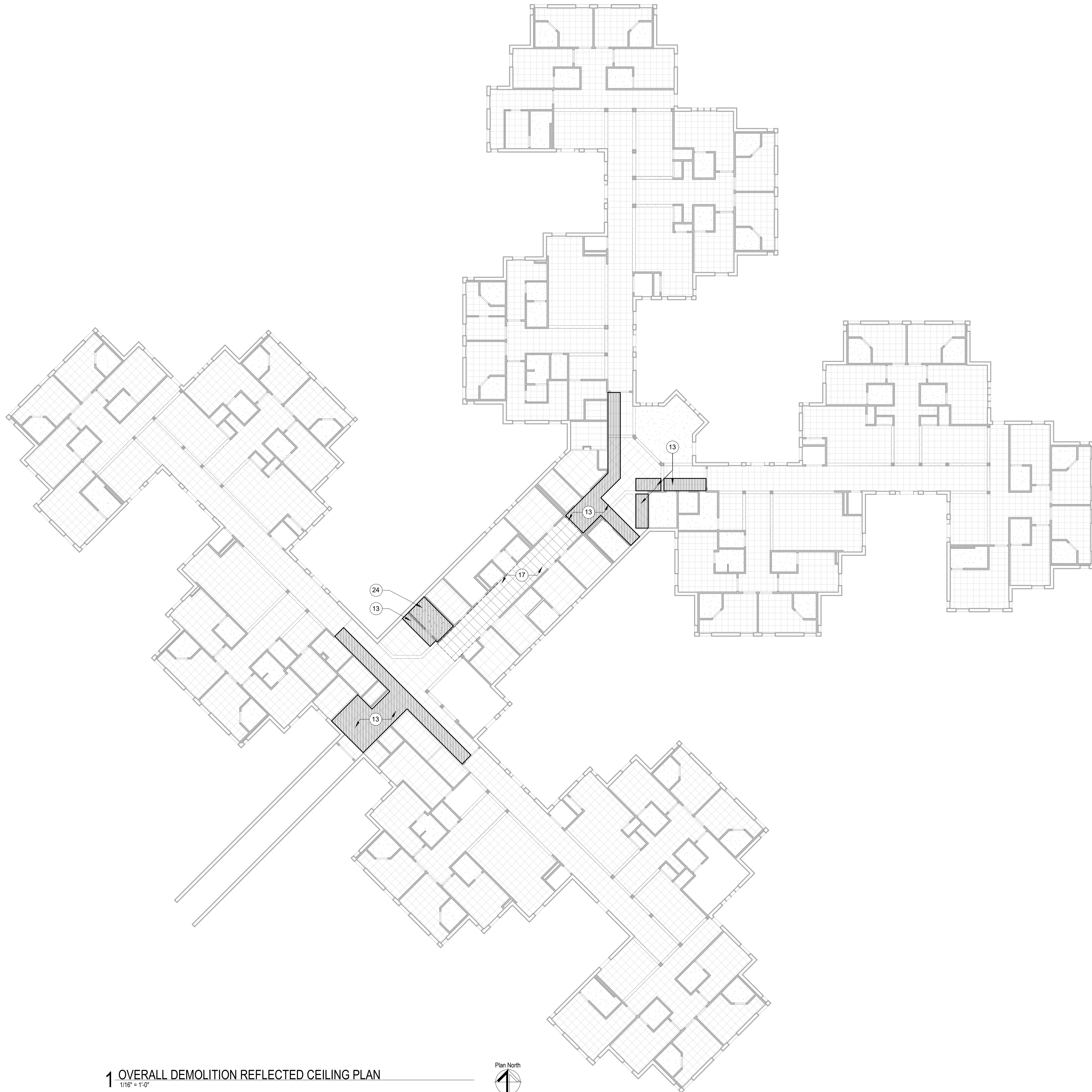
PROJECT # 162_26 MO01
MVH # FAI 29-042
SITE # 7356
FACILITY # 6517356071

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 06/26/2026

CAD DWG FILE:
DRAWN BY: CCF
CHECKED BY: JBS
DESIGNED BY: OCULUS

SHEET TITLE:
DEMOLITION FLOOR
PLAN - AREA 1C16L

SHEET NUMBER:
AD105
8 OF 42 SHEETS
06/26/2026



1 OVERALL DEMOLITION REFLECTED CEILING PLAN
1/16" = 1'-0"



SHEET NOTES

1. IF MATERIALS ARE ENCOUNTERED THAT MAY BE HAZARDOUS OR MAY CONTAIN HAZARDOUS COMPONENTS, CEASE WORK IMMEDIATELY, PREVENT FURTHER DISTURBANCE, SECURE THE AREA, AND NOTIFY THE OWNER.
2. DO NOT CUT STRUCTURAL COMPONENTS UNLESS INDICATED OTHERWISE.
3. COORDINATE REMOVAL OF DEMOLISHED MATERIALS WITH OWNER. PREVENT DUST AND DEBRIS FROM INFILTRATING TO ADJACENT SPACES.
4. PROVIDE AND MAINTAIN TEMPORARY PARTITIONS, PROTECTIVE BARRIERS AND SECURITY DEVICES AS REQUIRED TO PROTECT BUILDING, CONTENTS AND OCCUPANTS FROM HARM DUE TO DEMOLITION ACTIVITIES. REF. A600/T1
5. EXISTING WALLS THROUGHOUT C-WING TO BE PROTECTED DURING THE DURATION OF CONSTRUCTION.
6. EXISTING DOOR GAPS AND HINGE ADJUSTMENT PER NFPA 80.

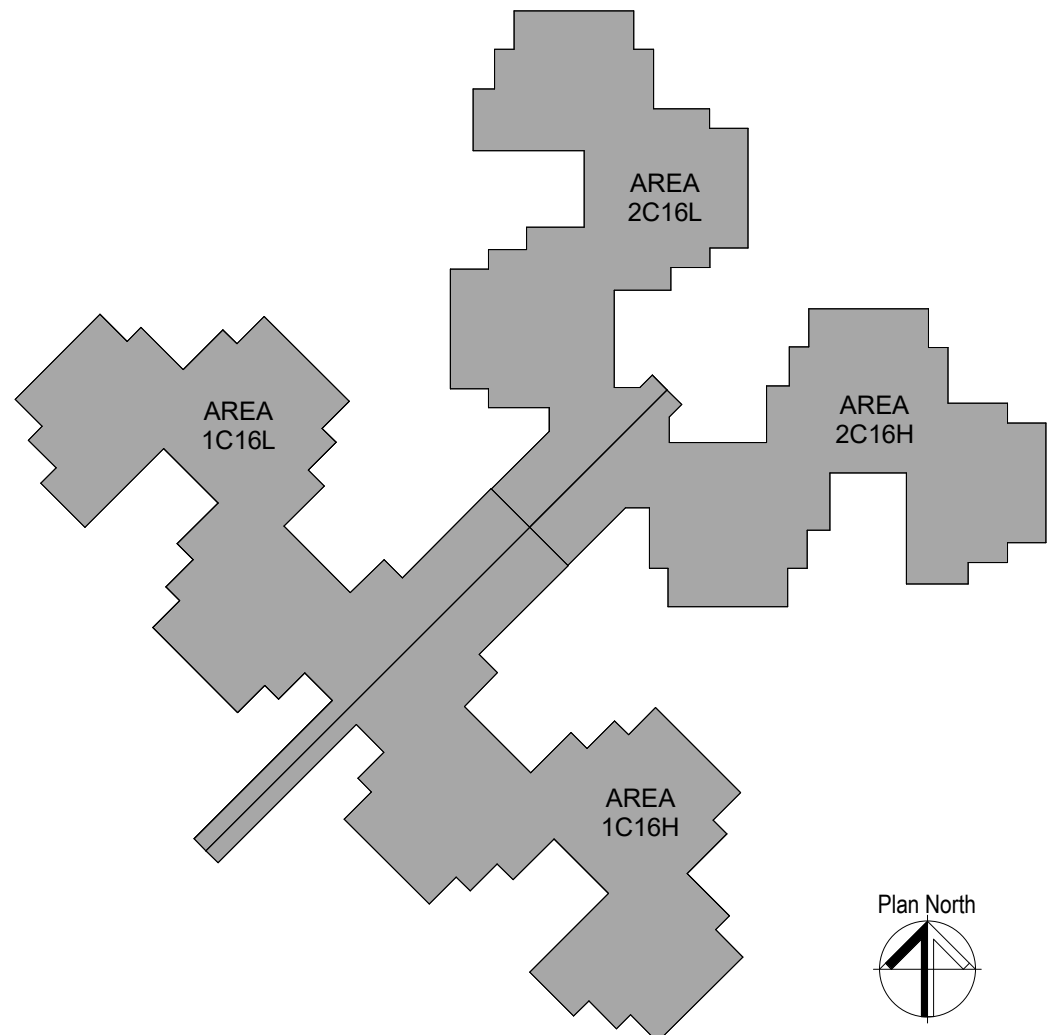
KEYNOTES

- | | |
|----|--|
| 13 | PORTIONS OF EXISTING SUSPENDED ACOUSTICAL CEILING GRID AND TILES TO BE REMOVED FOR THE INSTALLATION OF CORRIDOR PARTITIONS TO DECK. INSTALL NEW GRID AND TILES AFTER PARTITION WORK IS COMPLETED. |
| 17 | EXISTING ACOUSTICAL CEILING GRID AND TILES TO BE REMOVED AND STORED DURING CONSTRUCTION FOR REMEDIATION ELEMENTS TO CORRIDOR WALL. |
| 24 | DEMOLISH EXISTING GYPSUM CEILING FOR THE INSTALLATION OF CORRIDOR PARTITIONS TO DECK. LIGHTING FIXTURES AND HVAC GRILLES TO BE REMOVED AND PROTECTED. PREP AREA FOR INSTALLATION OF NEW CEILING AND RE-INSTALLATION OF FIXTURES. |

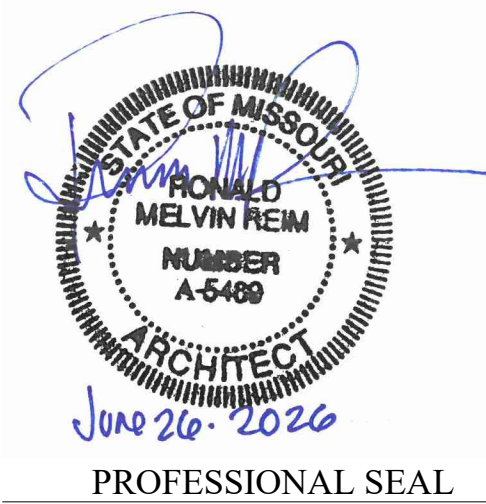
LEGEND

- | | |
|--|--|
| | GYPSUM CEILING TO REMAIN |
| | ACT CEILING TO REMAIN |
| | BASE BID: DEMOLISH EXISTING CEILING, GRID AND TILES FOR PARTITION SCOPE OF WORK |

KEY PLAN



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



ONE SOUTH MEMORIAL DRIVE
SUITE 1500 ST. LOUIS, MO 63102
(314) 367-6100



OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
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DESIGN AND
CONSTRUCTION

STATE OF MISSOURI
VETERAN'S HOME

10600 LEWIS AND
CLARK BLVD
ST. LOUIS, MO 63136

PROJECT # 162_26 MO01
MVH # FAI 29-042
SITE # 7356
FACILITY # 6517356071

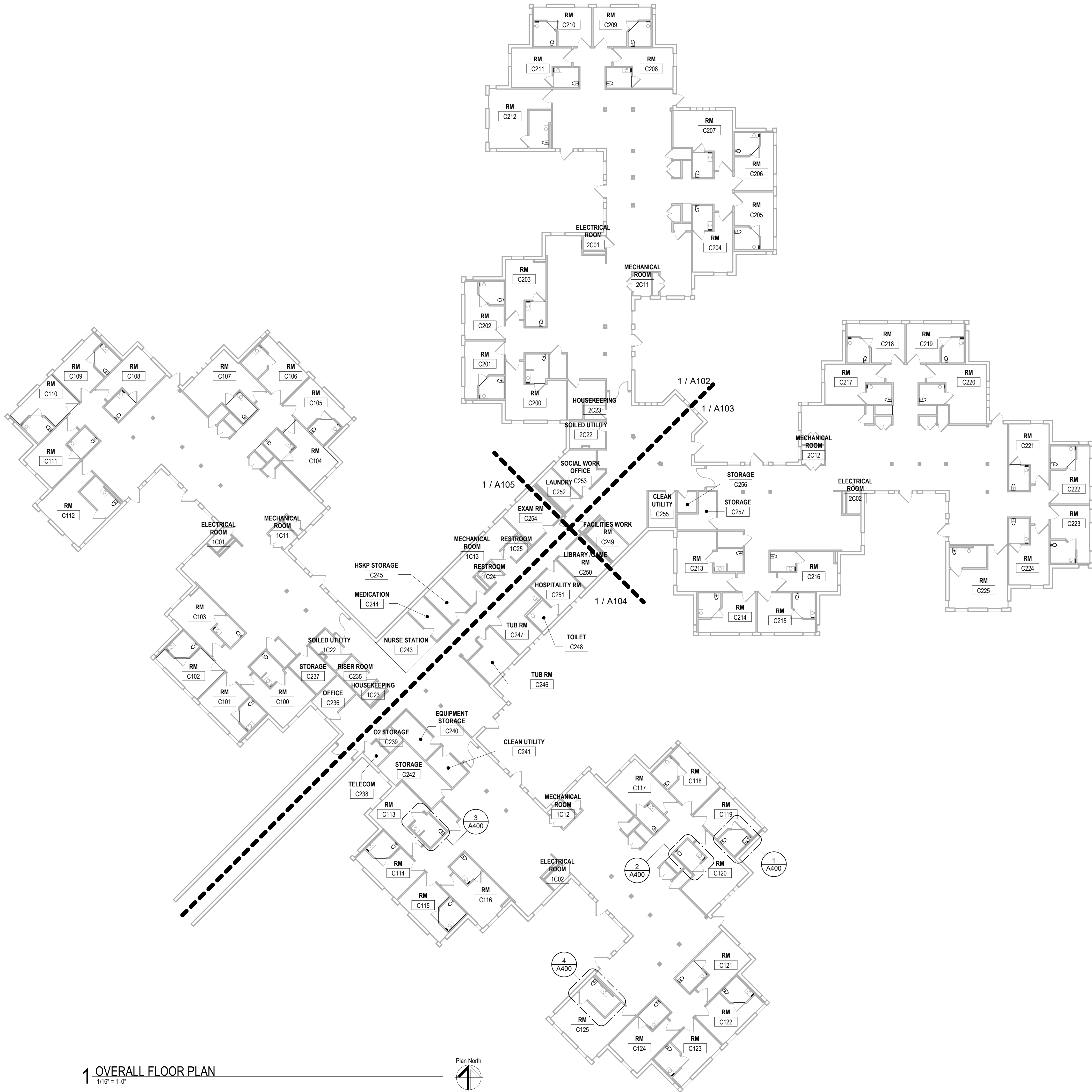
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06/26/2026

CAD DWG FILE: _____
DRAWN BY: CCF
CHECKED BY: JBS
DESIGNED BY: OCULUS

SHEET TITLE:
OVERALL
DEMOLITION
CEILING PLAN

SHEET NUMBER:

AD111
9 OF 42 SHEETS
06/26/2026



1 OVERALL FLOOR PLAN
1/16" = 1'-0"



SHEET NOTES

- DIMENSIONS ARE TO FINISHED FACE OF WALL OR GRIDLINE, EXCEPT AS INDICATED OTHERWISE.
- ANGLES ARE 90 DEGREES UNLESS NOTED OTHERWISE.
- PROVIDE FIRE STOPPING AS REQUIRED BY NFPA 101.
- PROVIDE STEEL OR FIRE RETARDANT TREATED WOOD FOR BLOCKING AND ROUGH BUCKS. COORDINATE LOCATIONS WITH INSTALLER. INSTALL PRIOR TO CLOSING WALLS.
- WHEN APPLYING NEW MATERIALS OR FINISHES TO EXISTING SUBSTRATE, PREPARE EXISTING SUBSTRATES AS REQUIRED TO MEET NEW MATERIAL MANUFACTURER'S INSTRUCTIONS OR RECOMMENDATIONS FOR PROPER APPLICATION OF NEW MATERIALS.
- NEATLY CUT OPENINGS IN EXISTING CONSTRUCTION USING POWER SAWS OR CORE DRILLS. DO NOT USE IMPACT TOOLS. REVIEW OPENING LOCATIONS WITH TRADES PRIOR TO STARTING WORK. KEEP OPENINGS TO MINIMUM REQUIRED TO ALLOW FOR NEW WORK.
- REFERENCE SHEET A600 FOR PARTITION TYPES

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ISSUE DATE: 06/26/2026

CAD DWG FILE: _____
DRAWN BY: CCF
CHECKED BY: JBS
DESIGNED BY: OCULUS

SHEET TITLE:
OVERALL FLOOR
PLAN

SHEET NUMBER:

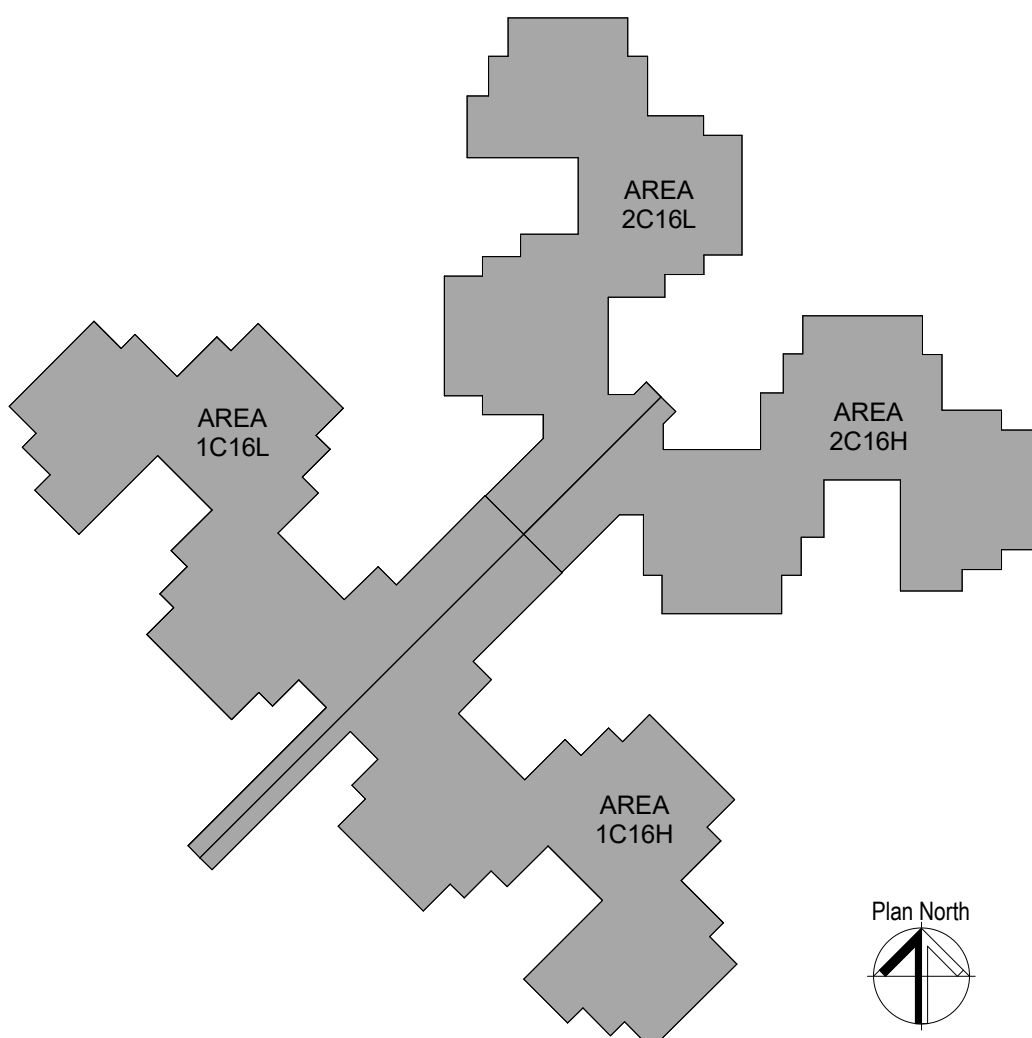
A101

10 OF 42 SHEETS
06/26/2026

LEGEND

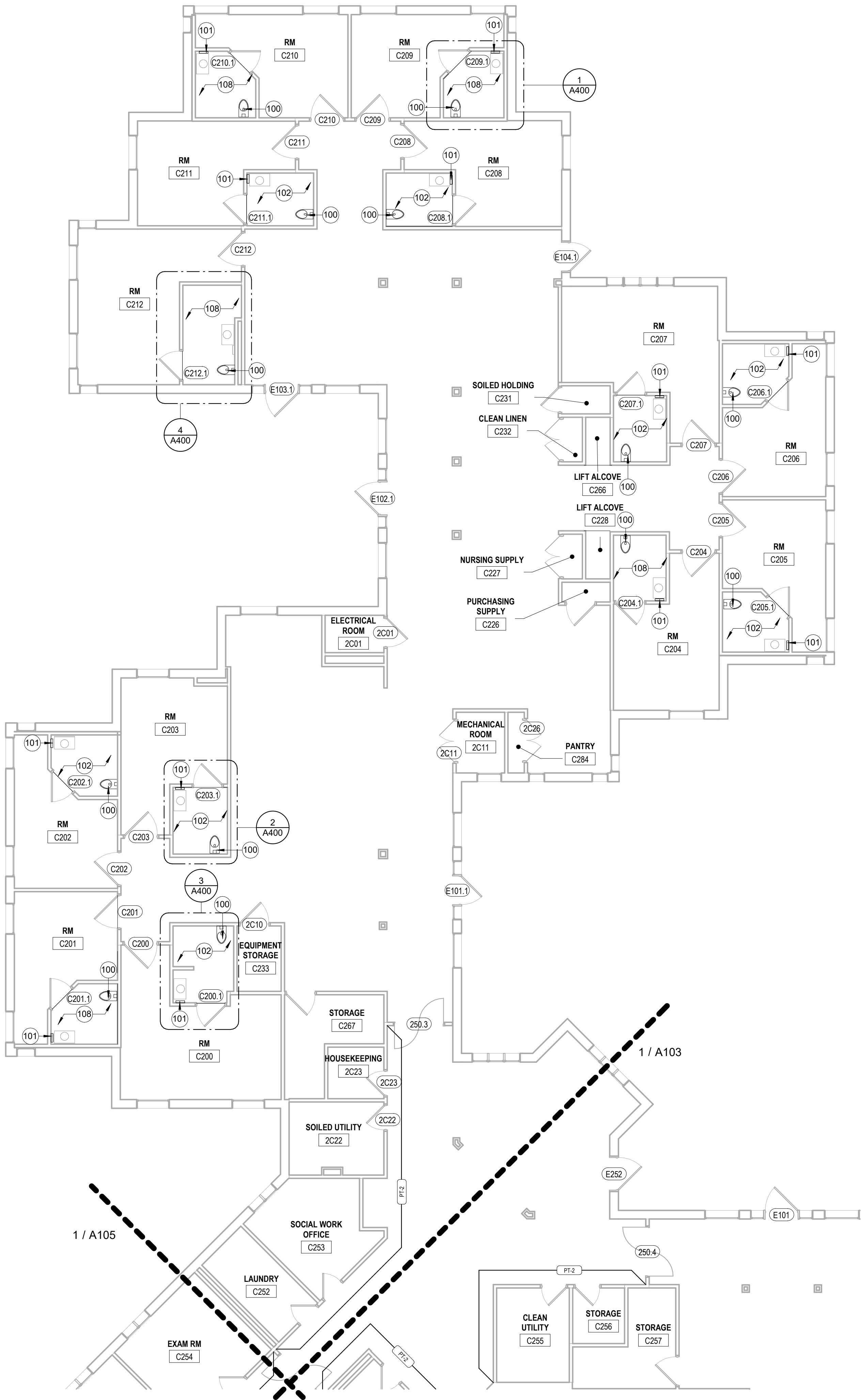
- NAME ← ROOM NAME
100 ← ROOM NUMBER
- EXISTING ASSEMBLY
- EXISTING DOOR

KEY PLAN



FINISH LEGEND

ACT-1	CORRIDOR CEILING MANUFACTURER: ARMSTRONG STYLE: CIRRUS COLOR: WHITE SIZE: 15'10", REGULAR	PT-1	BEDROOM PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 9109, NATURAL LINEN
EB-1	SHOWER ROOM EPOXY BASE MANUFACTURER: DESCO PRODUCT: 2015-131 COLOR: CUSTOM COLOR	PT-2	MAIN CORRIDOR PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 9109, NATURAL LINEN
EF-1	SHOWER ROOM EPOXY FLOORING MANUFACTURER: DESCO PRODUCT: 2015-131 COLOR: CUSTOM COLOR STYLE: SLIP RESISTANT	PT-3	NURSE STATION PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 00032, NEEDLEPOINT NAVY
EP-1	SHOWER ROOM EPOXY WALL PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 9109, NATURAL LINEN	RES-3	WALL BASE MANUFACTURER: JOHNSONITE PRODUCT: #45 COLOR: SANDALWOOD STYLE: 4" HIGH COVE
LVT-1	BEDROOM FLOORING MANUFACTURER: JOHNSON TARKETT STYLE: FREEDOM WOODS PRODUCT: 5137 COLOR: NATIVE PINE BRONZE STYLE: 6" X 46"	SS-3	BATHROOM WALLS SOLID SURFACE MANUFACTURER: CORIAN COLOR: VANILLA SIZE: 1/4" THICK STYLE: WITH INTEGRAL SINKS



1 FIRST FLOOR PLAN - AREA 2C16L
1/8" = 1'-0"

SHEET NOTES

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- REFERENCE SHEET A600 FOR PARTITION TYPES

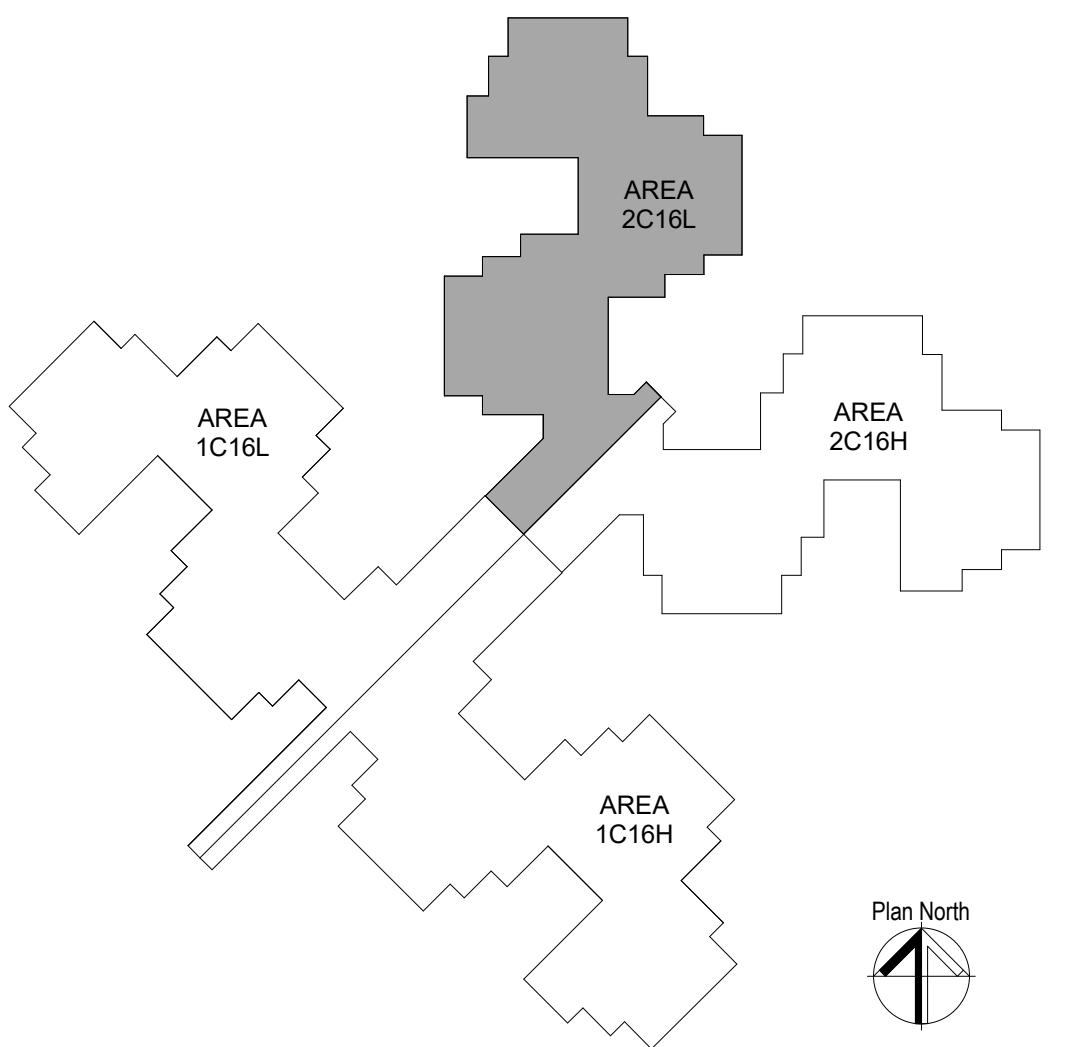
KEYNOTES

100	WATER CLOSET TO BE REINSTALLED AFTER INSTALLATION OF NEW FLOORING ASSEMBLY. REFERENCE PLUMBING FOR ADDITIONAL INFORMATION.
101	REINSTALL EXISTING PAPER TOWEL DISPENSER IN NEW LOCATION. SEE 6/A400 ELEVATION FOR MOUNTING HEIGHTS.
102	BASE BID: NEW SHOWER FLOOR ASSEMBLY AND DRAIN TO BE INSTALLED. REFERENCE A400 FOR ADDITIONAL INFORMATION AND PLUMBING FOR ADDITIONAL DRAIN INFORMATION.
108	ALTERNATE 1: NEW SHOWER FLOOR ASSEMBLY AND DRAIN TO BE INSTALLED. REFERENCE A400 FOR ADDITIONAL INFORMATION AND PLUMBING FOR ADDITIONAL DRAIN INFORMATION.

LEGEND

NAME	ROOM NAME
100	ROOM NUMBER
	EXISTING ASSEMBLY
	EXISTING DOOR
	FINISH MARK AND EXTENTS OF FINISH
Room Name	ROOM FINISH TAG
WAL-1	WALL
BAS-1	WALL BASE
FLR-1	FLOOR

KEY PLAN



STATE OF MISSOURI
MIKE KEHOE,
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PROJECT # 162_26 MO01
MVH # FAI 29-042
SITE # 7356
FACILITY # 6517356071

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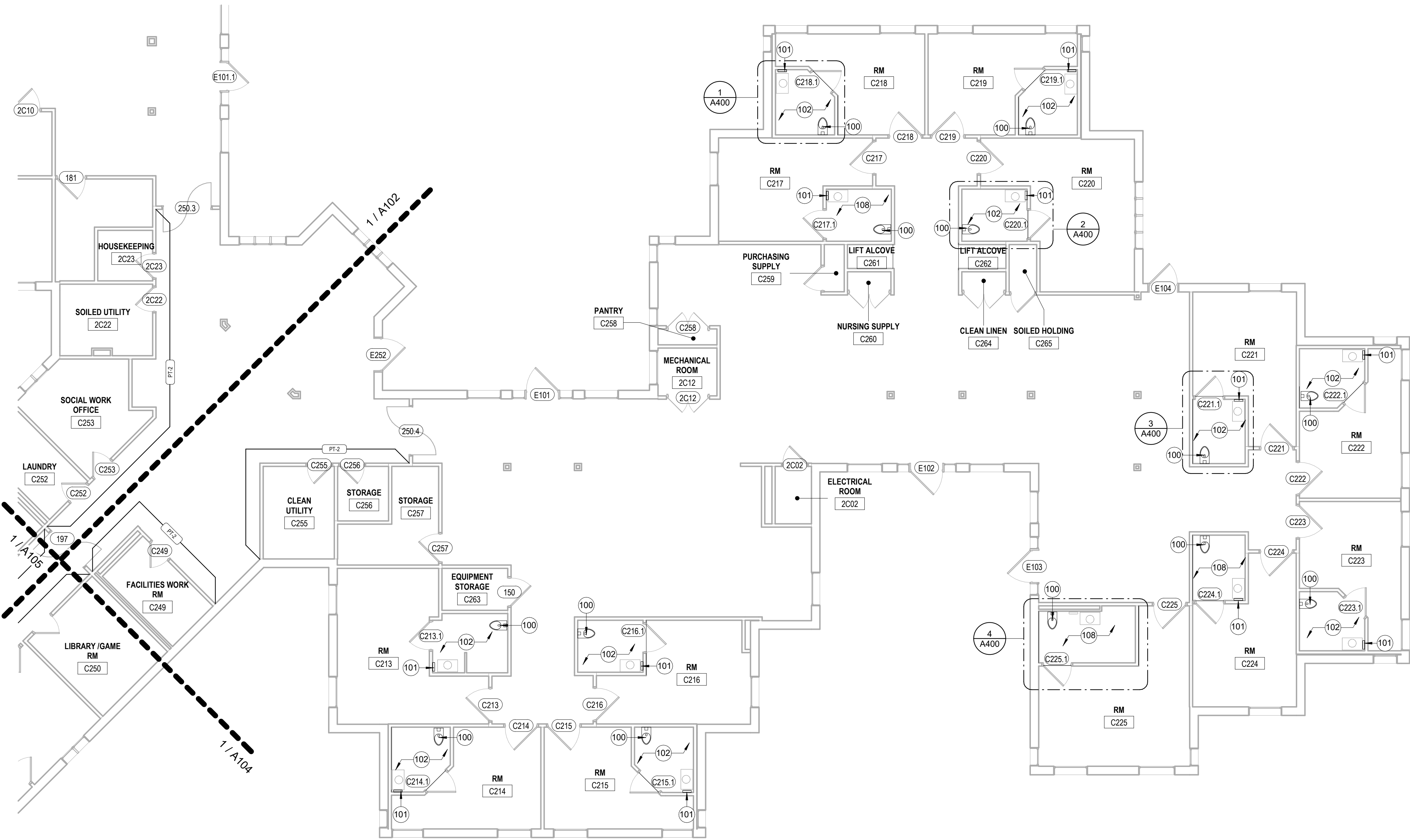
CAD DWG FILE: _____
DRAWN BY: CCF
CHECKED BY: JBS
DESIGNED BY: OCULUS

SHEET TITLE:
FLOOR PLAN - AREA
2C16L

SHEET NUMBER:

A102

11 OF 42 SHEETS
06/26/2026



1 FLOOR PLAN - AREA 2C16H
1/8" = 1'-0"

SHEET NOTES

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- REFERENCE SHEET A600 FOR PARTITION TYPES

KEYNOTES

100	WATER CLOSET TO BE REINSTALLED AFTER INSTALLATION OF NEW FLOORING ASSEMBLY. REFERENCE PLUMBING FOR ADDITIONAL INFORMATION.
101	REINSTALL EXISTING PAPER TOWEL DISPENSER IN NEW LOCATION. SEE 6/A400 ELEVATION FOR MOUNTING HEIGHTS.
102	BASE BID: NEW SHOWER FLOOR ASSEMBLY AND DRAIN TO BE INSTALLED. REFERENCE A400 FOR ADDITIONAL INFORMATION AND PLUMBING FOR ADDITIONAL DRAIN INFORMATION.
108	ALTERNATE 1: NEW SHOWER FLOOR ASSEMBLY AND DRAIN TO BE INSTALLED. REFERENCE A400 FOR ADDITIONAL INFORMATION AND PLUMBING FOR ADDITIONAL DRAIN INFORMATION.

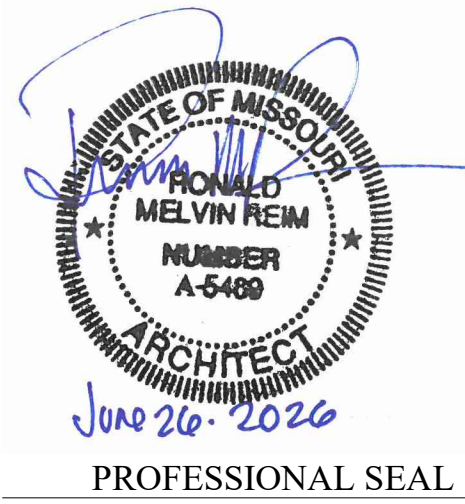
LEGEND

NAME	ROOM NAME
100	ROOM NUMBER
	EXISTING ASSEMBLY
	EXISTING DOOR
	FINISH MARK AND EXTENTS OF FINISH
Room Name	ROOM FINISH TAG
WAL-1	WALL
BAS-1	WALL BASE
FLR-1	FLOOR

KEY PLAN



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MIKE KEHOE,
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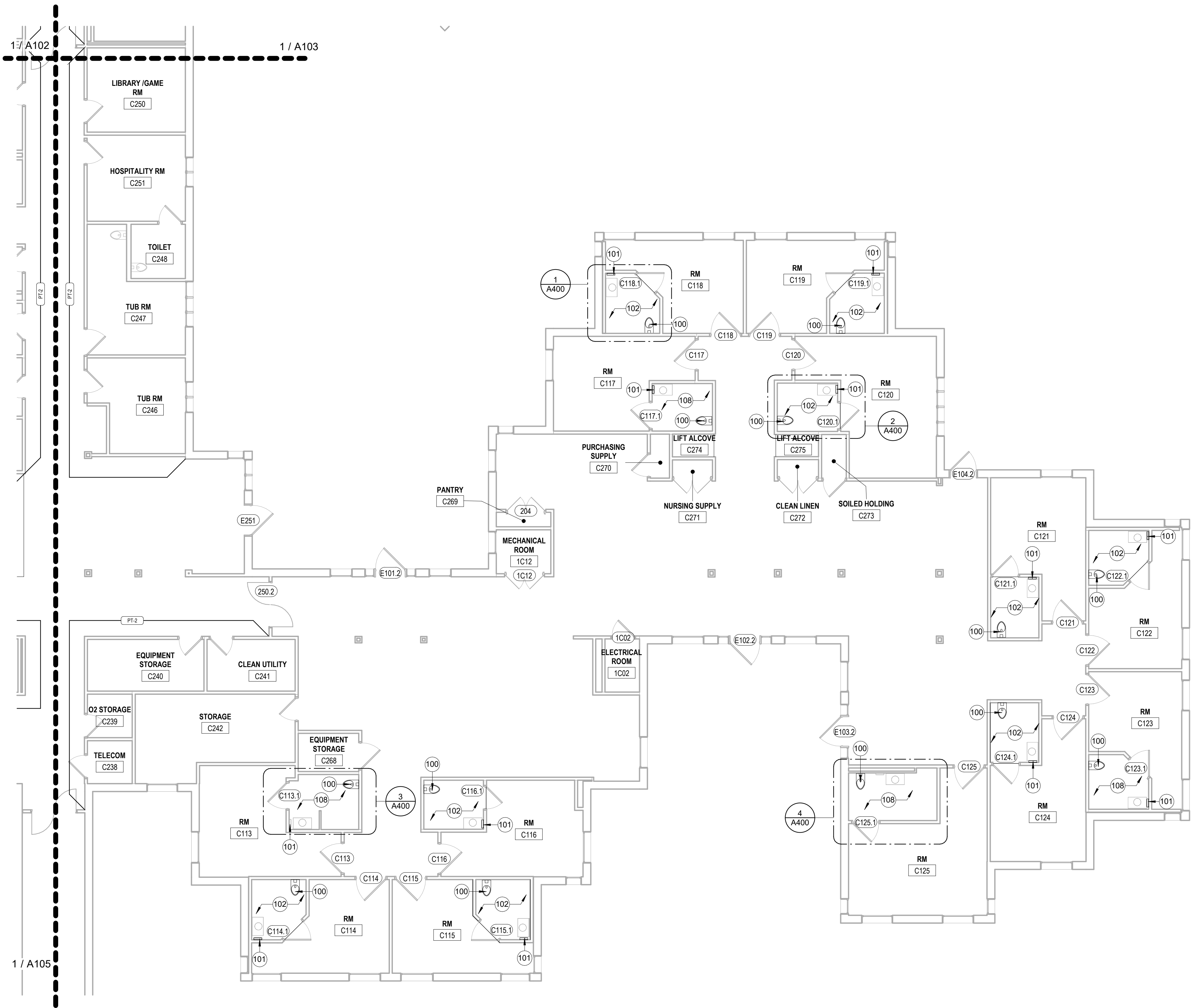
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DRAWN BY: CCF
CHECKED BY: JBS
DESIGNED BY: OCULUS

SHEET TITLE:
FLOOR PLAN - AREA
2C16H

SHEET NUMBER:

A103

12 OF 42 SHEETS
06/26/2026



1 FLOOR PLAN - AREA 1C16H
1/8" = 1'-0"

SHEET NOTES

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- REFERENCE SHEET A600 FOR PARTITION TYPES

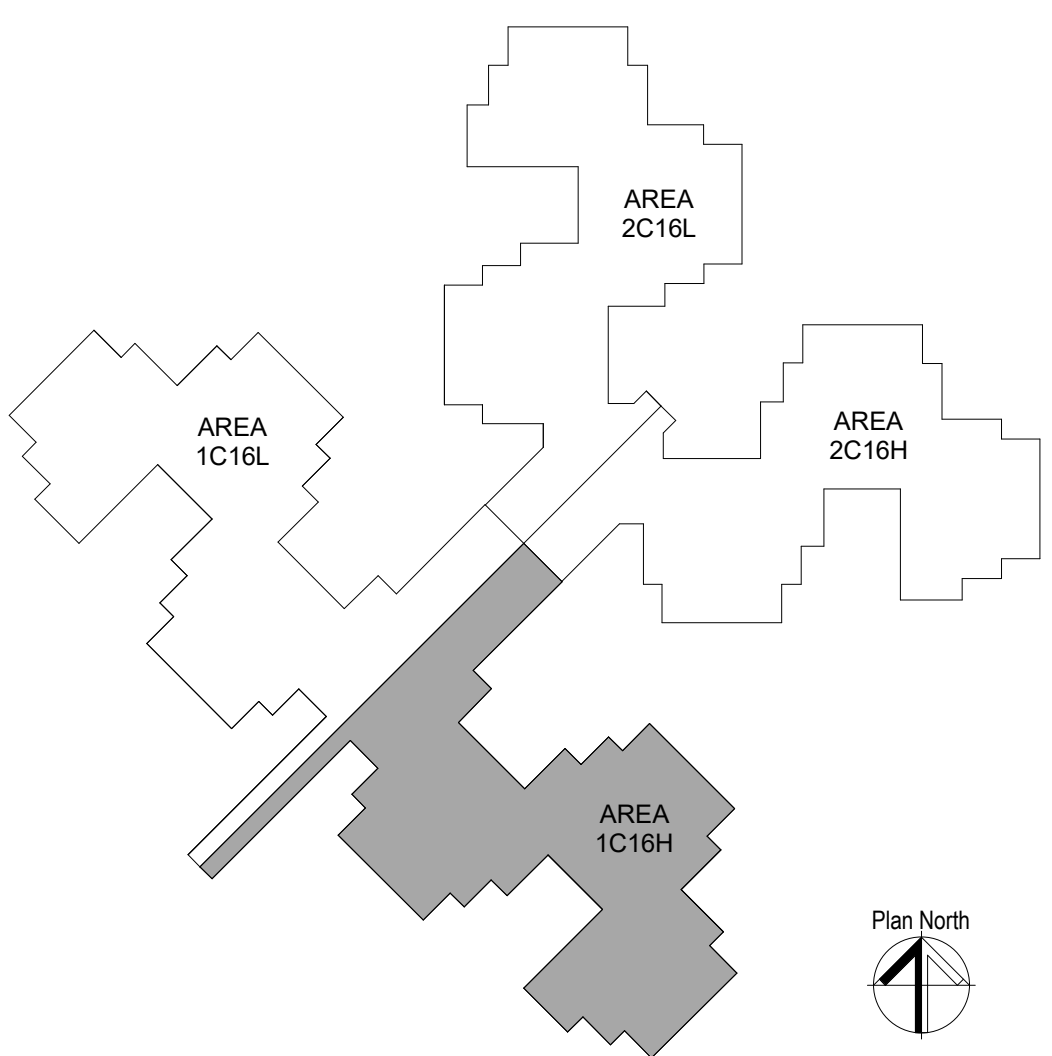
KEYNOTES

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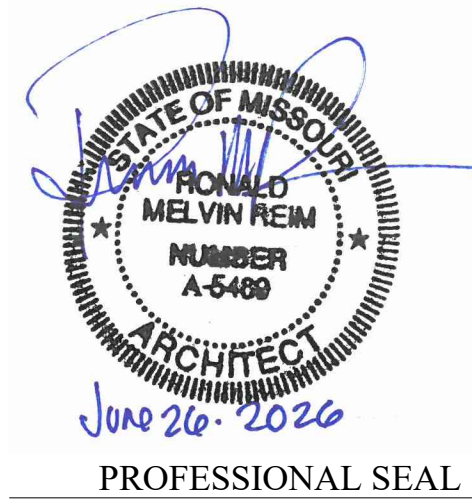
LEGEND

NAME	ROOM NAME
100	ROOM NUMBER
	EXISTING ASSEMBLY
	EXISTING DOOR
	FINISH MARK AND EXTENTS OF FINISH
Room Name	ROOM FINISH TAG
WAL-1	WALL
BAS-1	WALL BASE
FLR-1	FLOOR

KEY PLAN



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CAD DWG FILE:
DRAWN BY: CCF
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DESIGNED BY: OCULUS

SHEET TITLE:
FLOOR PLAN - AREA
1C16H

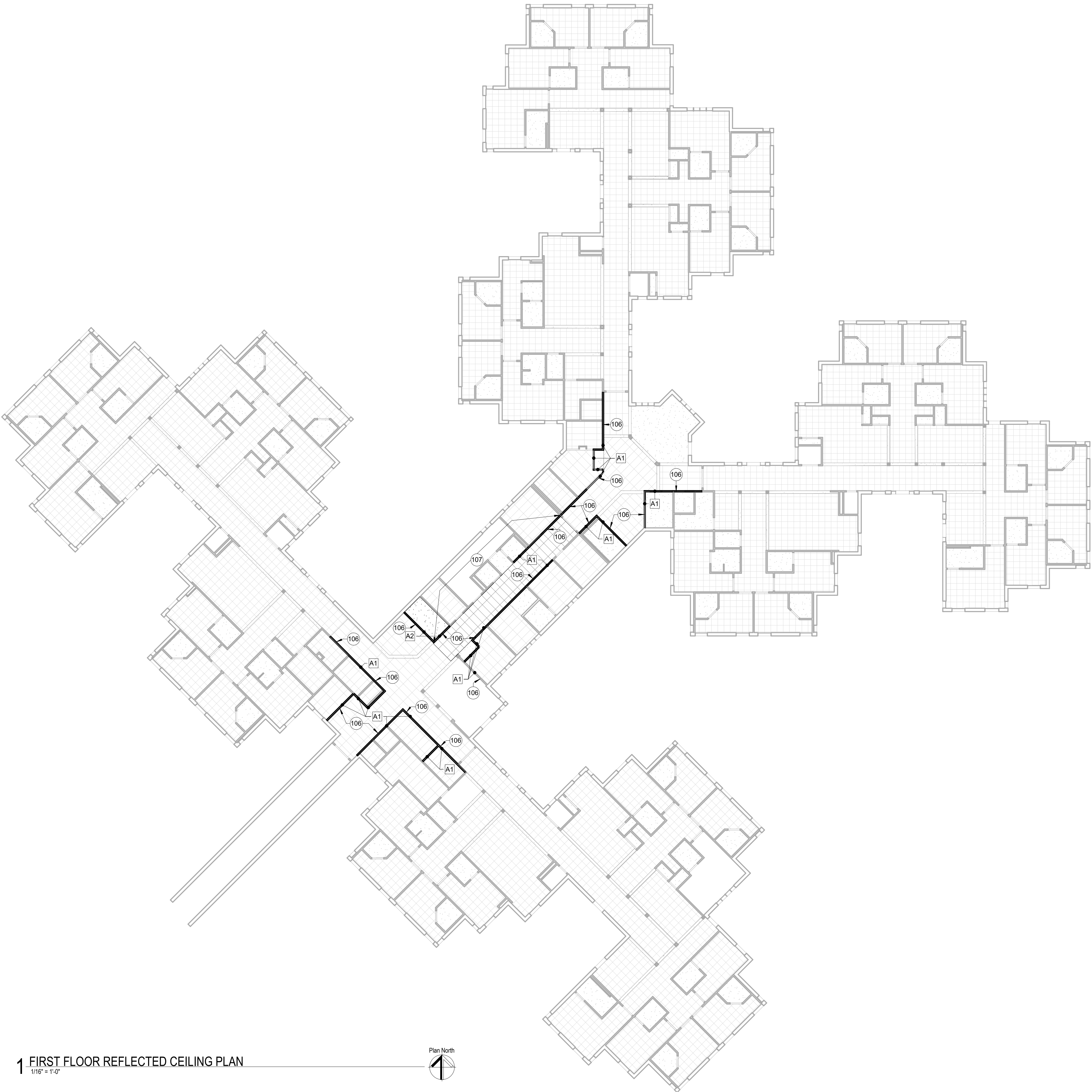
SHEET NUMBER:

A104

13 OF 42 SHEETS
06/26/2026



14 OF 42 SHEETS
06/26/2026



1 FIRST FLOOR REFLECTED CEILING PLAN
1/16" = 1'-0"



SHEET NOTES

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7. REFERENCE SHEET A600 FOR PARTITION TYPES

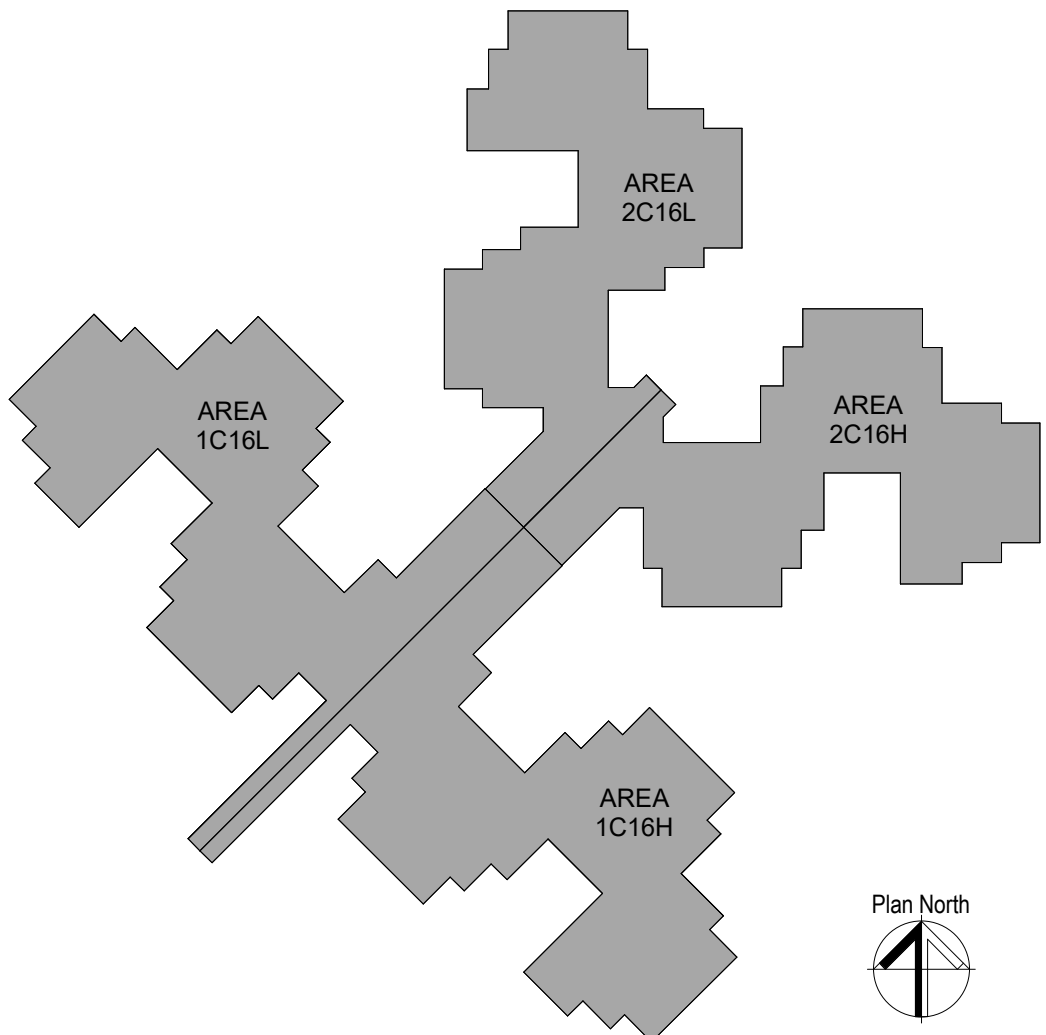
KEYNOTES

106	INSTALL FIRE/SMOKE PLENUM SIGNAGE. SIGNAGE TO BE INSTALLED PER NFPA REQUIREMENTS. REFERENCE A400 FOR ADDITIONAL INFORMATION.
107	REINSTALL ACOUSTICAL CEILING GRID, TILES, LIGHT FIXTURES, AND ADDITIONAL ITEMS AFTER COMPLETION OF PARTITION REMEDIATION.

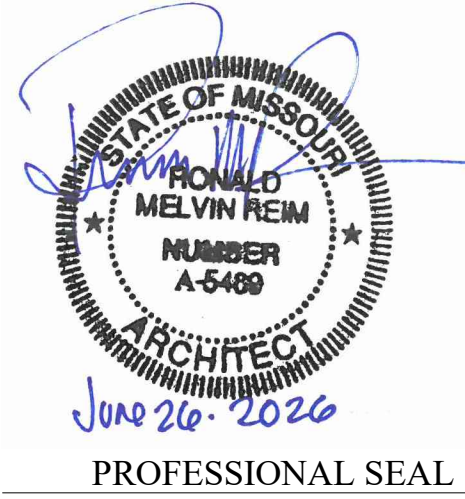
LEGEND

	EXISTING 2'x2' OR 2'x4' SUSPENDED ACOUSTICAL CEILING GRID AND TILES
	EXISTING GYPSUM BOARD SUSPENDED CEILING OR SOFFIT
	NEW GYPSUM BOARD SUSPENDED CEILING OR SOFFIT
	BASE BID: NEW 2'x2' OR 2'x4' SUSPENDED ACOUSTICAL CEILING GRID AND TILES

KEY PLAN



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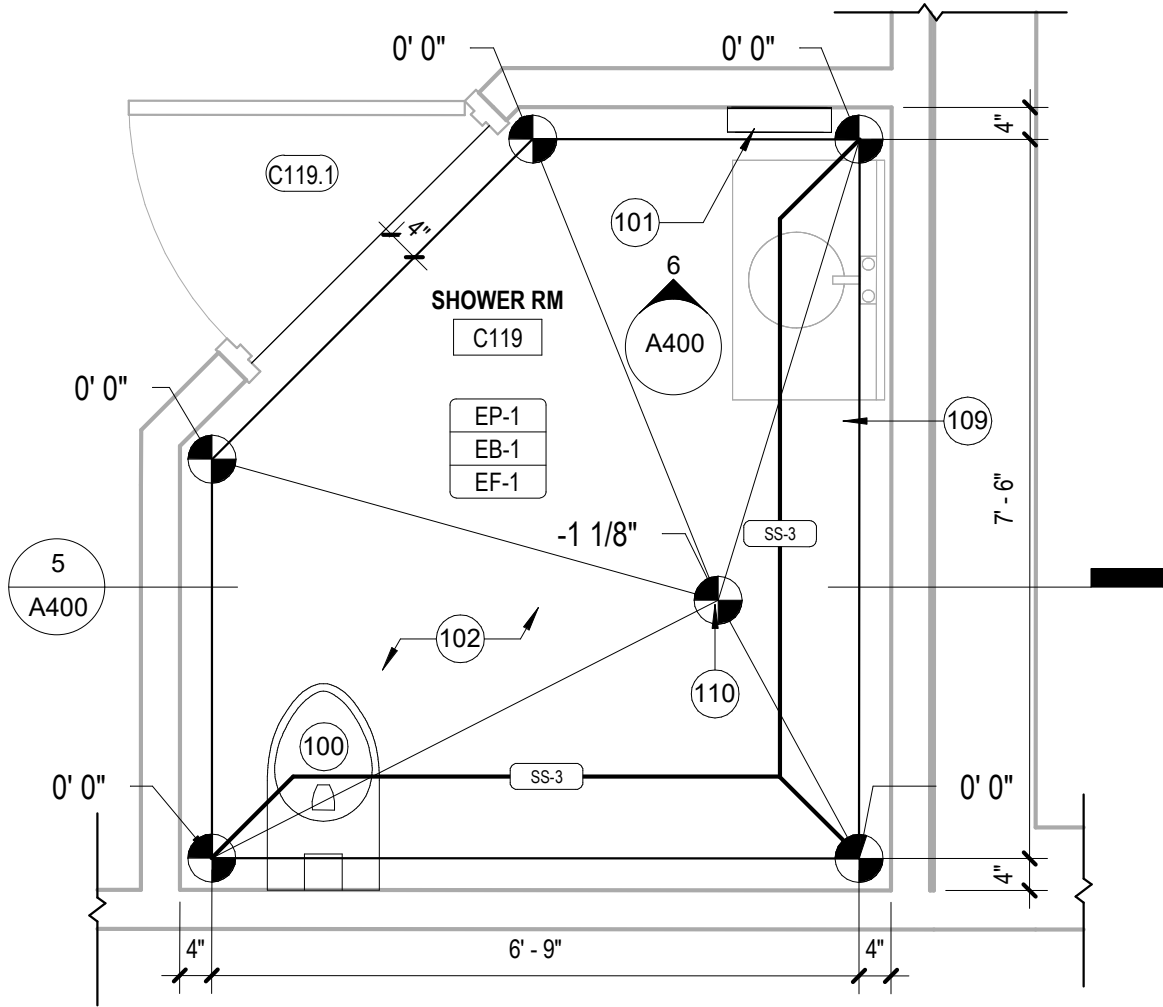
SHEET TITLE:
**OVERALL
REFLECTED CEILING
PLAN**

SHEET NUMBER:

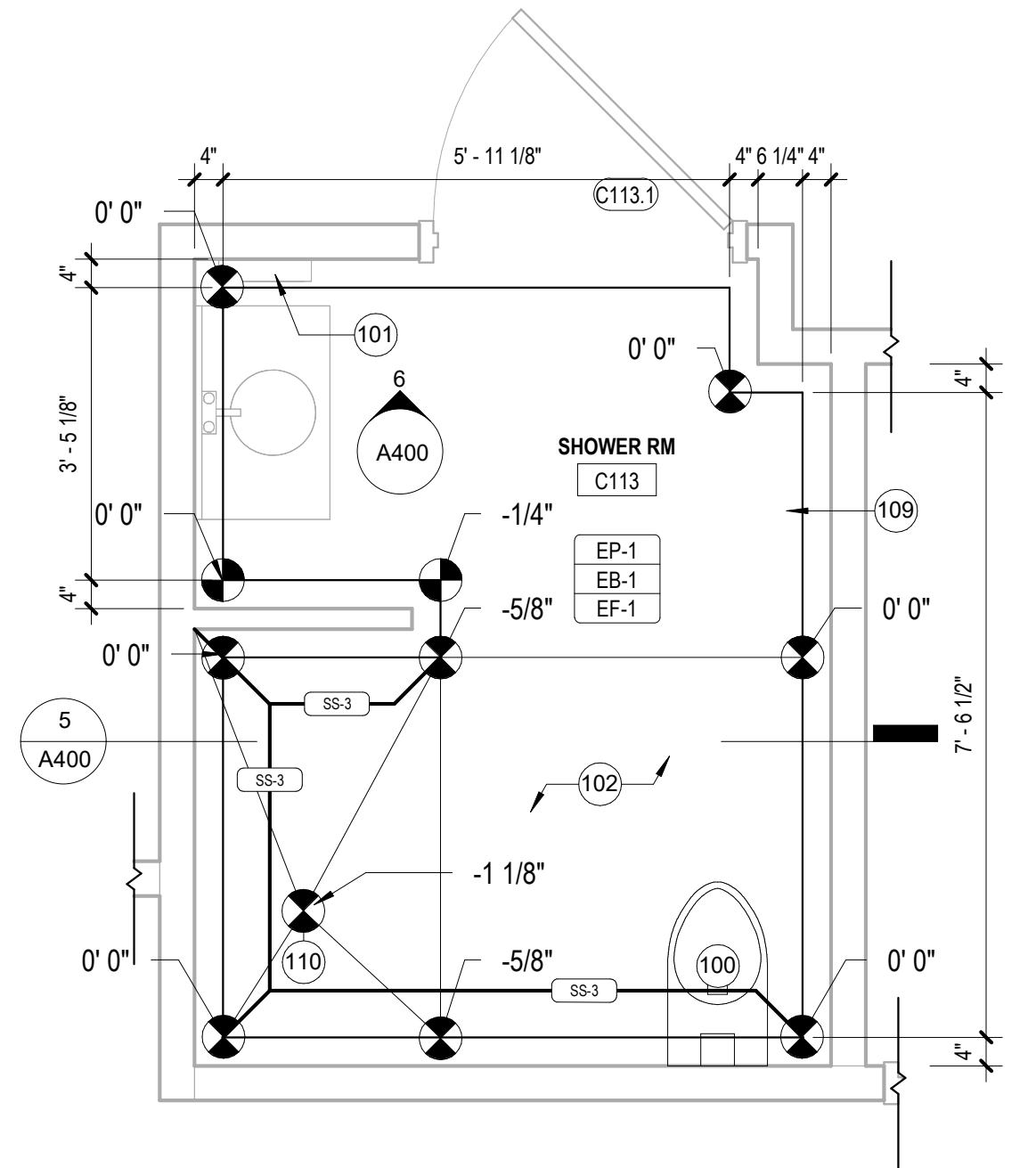
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15 OF 42 SHEETS
06/26/2026

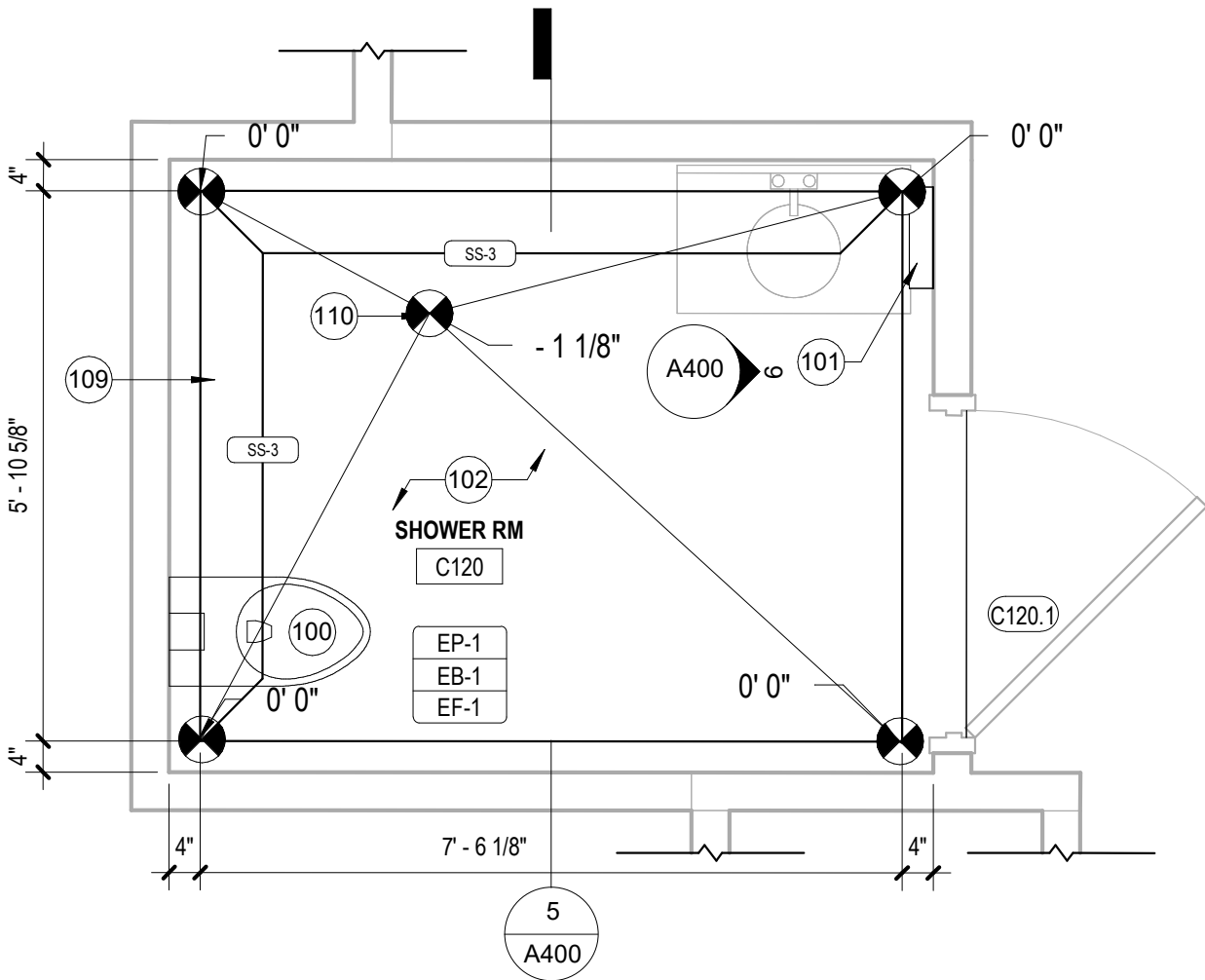
ENLARGED NEW WORK SHOWER PLANS



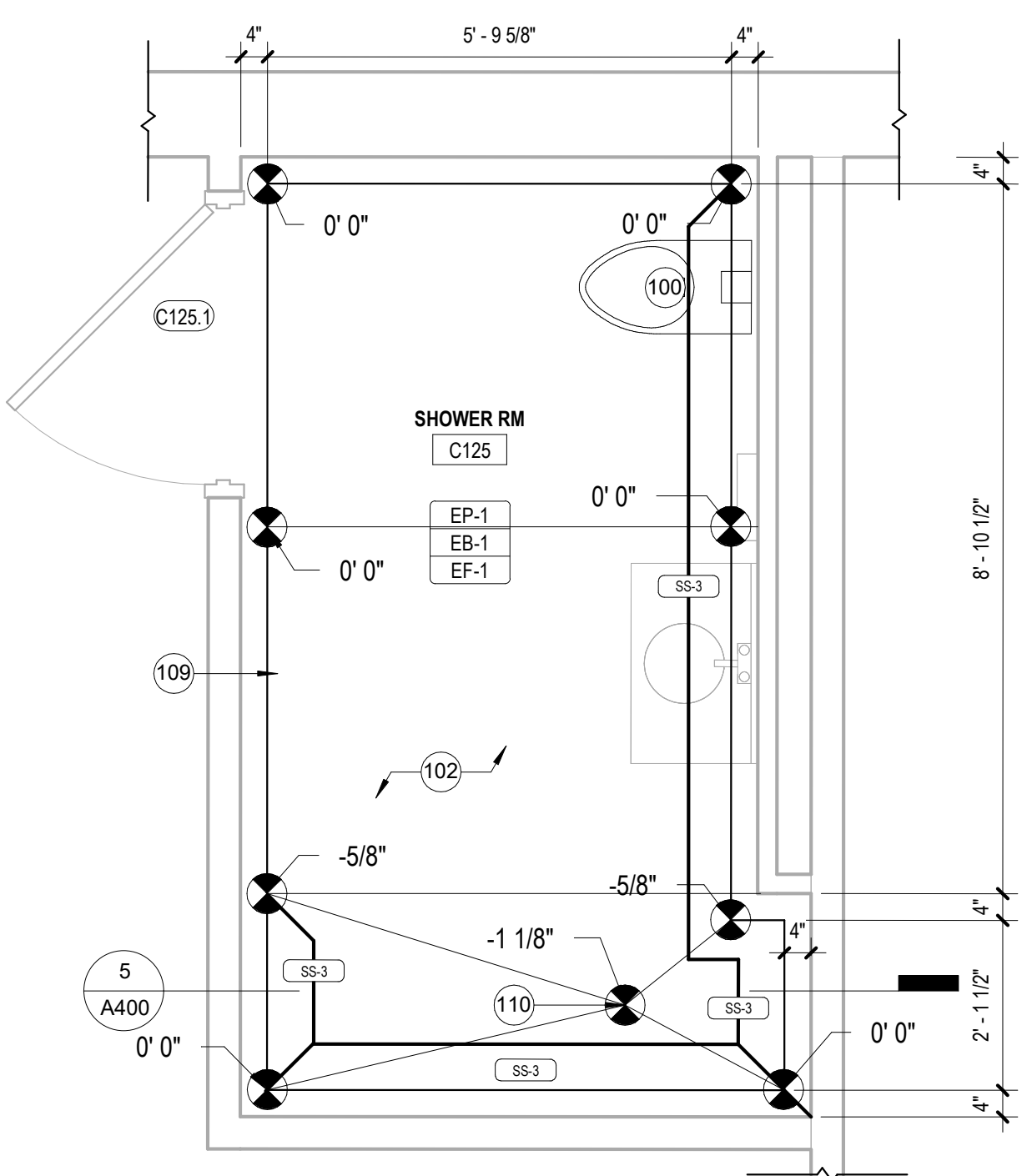
1 ENLARGED PLAN - LAYOUT 1
1/2" = 1'-0"



3 ENLARGED PLAN - LAYOUT 3
1/2" = 1'-0"

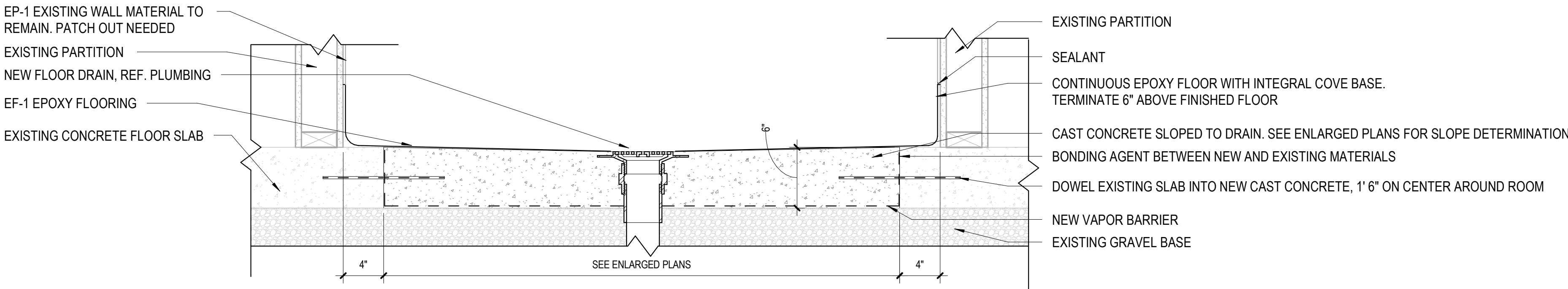


2 ENLARGED PLAN - LAYOUT 2
1/2" = 1'-0"



4 ENLARGED PLAN - LAYOUT 4
1/2" = 1'-0"

SHOWER ROOM SECTION



5 TYPICAL SUBFLOOR MODIFICATION AT BATHROOM
1 1/2" = 1'-0"

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- EXISTING SHOWER CONTROLS, AND ACCESSORIES TO BE PROTECTED DURING THE ENTIRE DURATION OF CONSTRUCTION.
- FINAL DRAIN LOCATION TO BE COORDINATED BETWEEN AE AND MISSOURI VETERAN HOME TEAM. LOCATIONS TO MATCH EXISTING LOCATIONS.

KEYNOTES

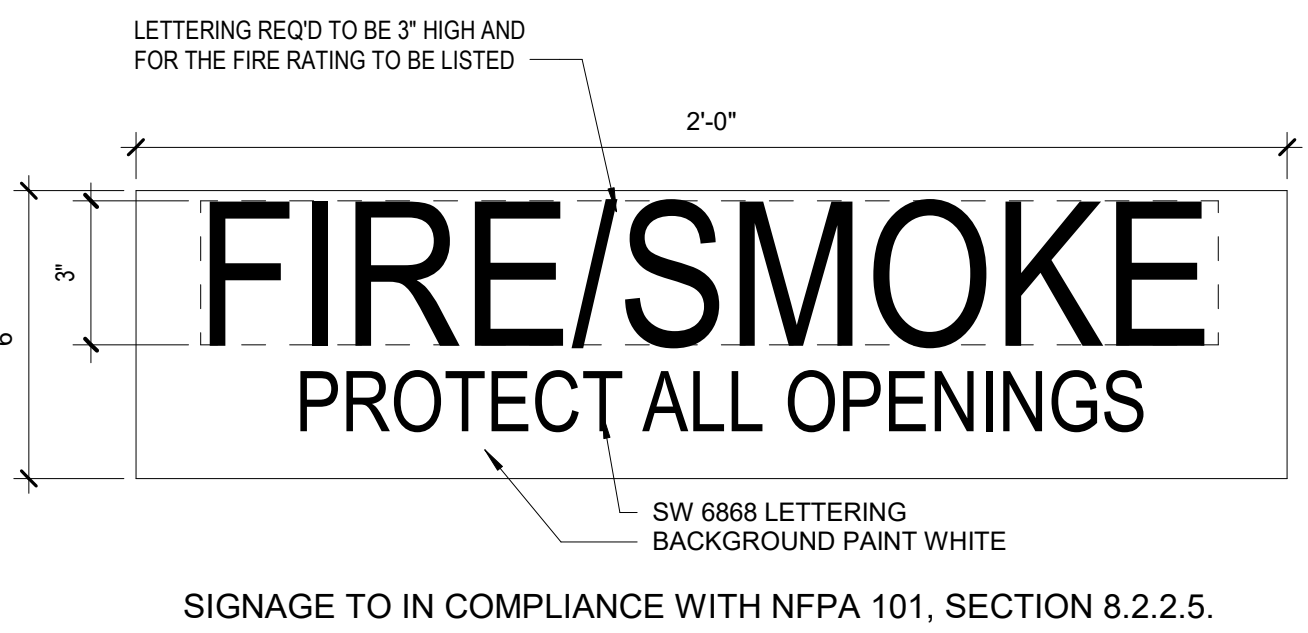
100	WATER CLOSET TO BE REINSTALLED AFTER INSTALLATION OF NEW FLOORING ASSEMBLY. REFERENCE PLUMBING FOR ADDITIONAL INFORMATION.
101	REINSTALL EXISTING PAPER TOWEL DISPENSER IN NEW LOCATION. SEE 6/A400 ELEVATION FOR MOUNTING HEIGHTS.
102	BASE BID: NEW SHOWER FLOOR ASSEMBLY AND DRAIN TO BE INSTALLED. REFERENCE A400 FOR ADDITIONAL INFORMATION AND PLUMBING FOR ADDITIONAL DRAIN INFORMATION.
109	APPROXIMATE LOCATION OF NEW CONCRETE UNDERLAYMENT INSTALLATION.
110	SHOWER DRAINS SHOWN FOR REFERENCE ONLY. REFERENCE PLUMBING DRAWINGS FOR FINAL LOCATION AND ADDITIONAL INFORMATION.

FINISH LEGEND

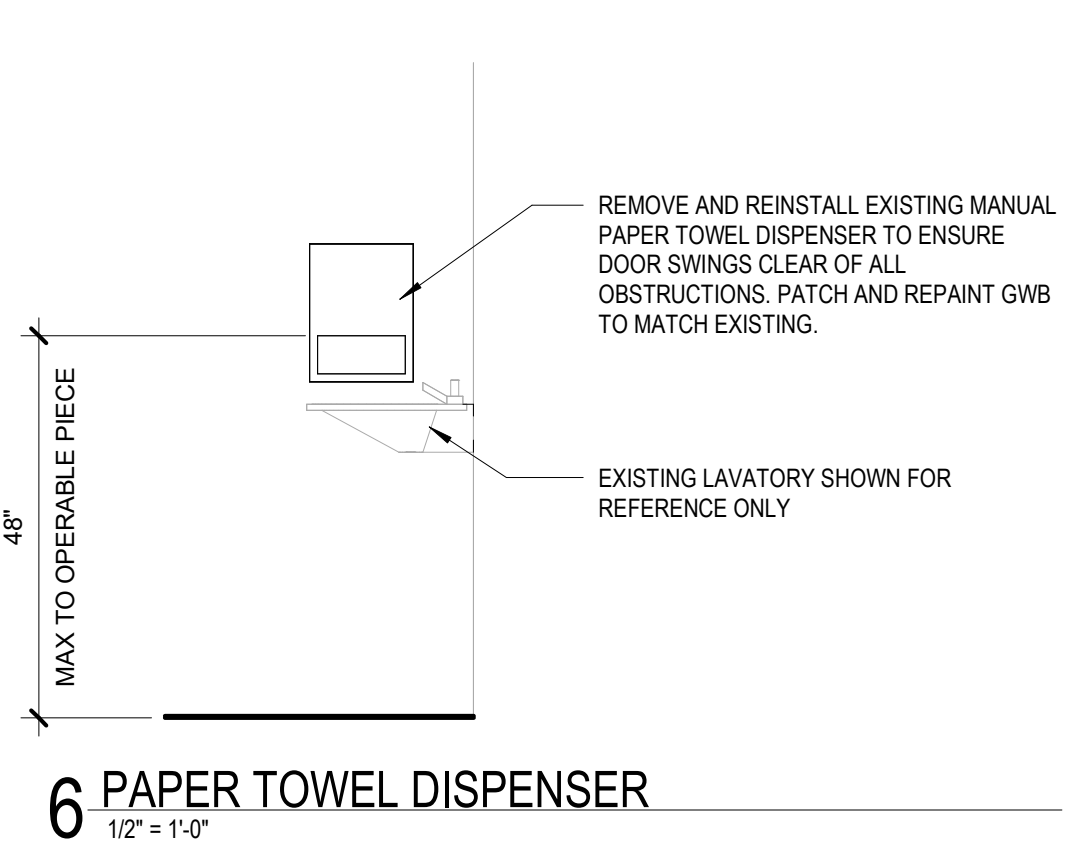
EP-1	SHOWER ROOM EPOXY PAINT
EB-1	SHOWER ROOM EPOXY BASE
EF-1	SHOWER ROOM EPOXY FLOORING
LVT-1	BEDROOM FLOORING
ACT-1	ACOUSTICAL CEILING TILE (CORRIDORS)
PT-1	BEDROOM PAINT
PT-2	MAIN CORRIDOR PAINT
PT-3	NURSE STATION PAINT

	FINISH MARK AND EXTENTS OF FINISH
Room Name 101	ROOM FINISH TAG
WAL-1	WALL
BAS-1	WALL BASE
FLR-1	FLOOR

PLENUM SIGNAGE

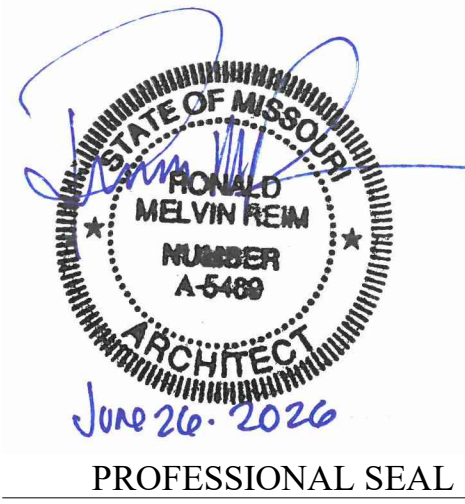


PAPER TOWEL MOUNTING HEIGHTS



6 PAPER TOWEL DISPENSER
1/2" = 1'-0"

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Oculus Inc.

ONE SOUTH MEMORIAL DRIVE
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OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

STATE OF MISSOURI
VETERAN'S HOME

10600 LEWIS AND
CLARK BLVD
ST. LOUIS, MO 63136

PROJECT # 162_26 MO01
MVH # FAI 29-042
SITE # 7356
FACILITY # 6517356071

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 06/26/2026

CAD DWG FILE:
DRAWN BY: CCF
CHECKED BY: JBS
DESIGNED BY: OCULUS

SHEET TITLE:
ENLARGED SHOWER
PLANS AND DETAILS

SHEET NUMBER:
A400
16 OF 42 SHEETS
06/26/2026

AREA 1C16L DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THICKNESS	DOOR		HARDWARE	FRAME		Field Comments
				TYPE	MATERIAL		TYPE	MATERIAL	
C105.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C107	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C108.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C109.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C111	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C112	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL

AREA 1C16H DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THICKNESS	DOOR		HARDWARE	FRAME		FIELD COMMENTS
				TYPE	MATERIAL		TYPE	MATERIAL	
C113	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C113.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C114	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C115.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C118.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C119.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHIN & LATCH HANDLE IS NOT OPERATIONAL
C121	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C122	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C122.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C124.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C125.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING

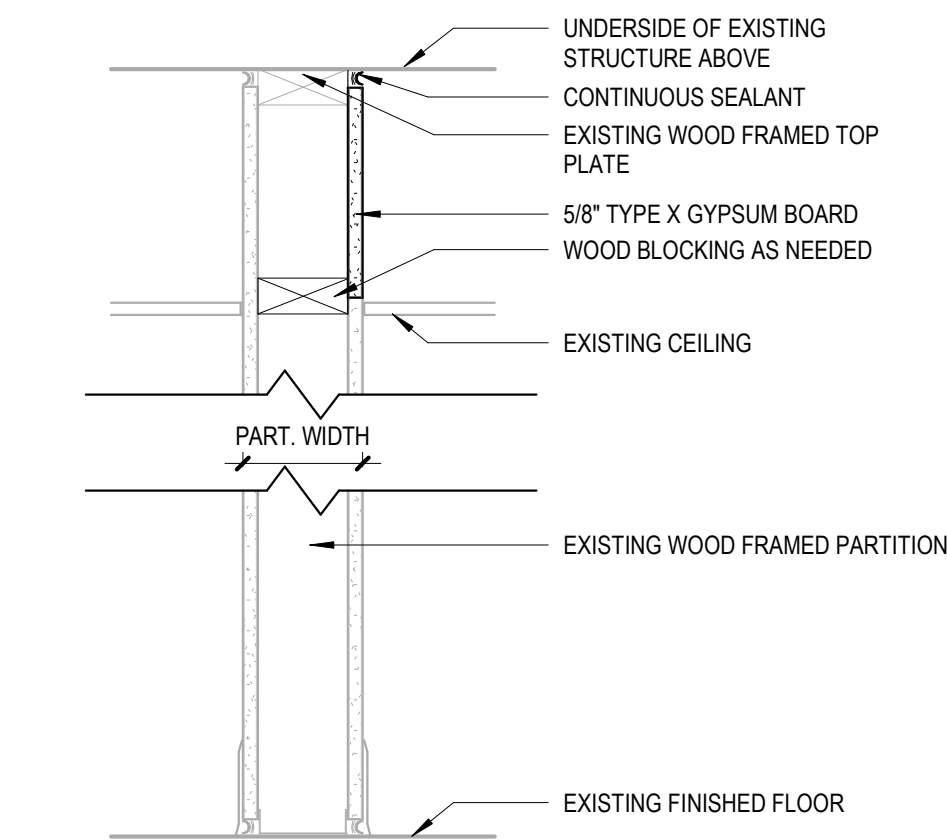
AREA 2C16L DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THICKNESS	DOOR		HARDWARE	FRAME		FIELD COMMENTS
				TYPE	MATERIAL		TYPE	MATERIAL	
C202	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C202.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C204.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C205	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C205.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C206	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C207	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C208.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C209.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C210	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C210.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C212	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL

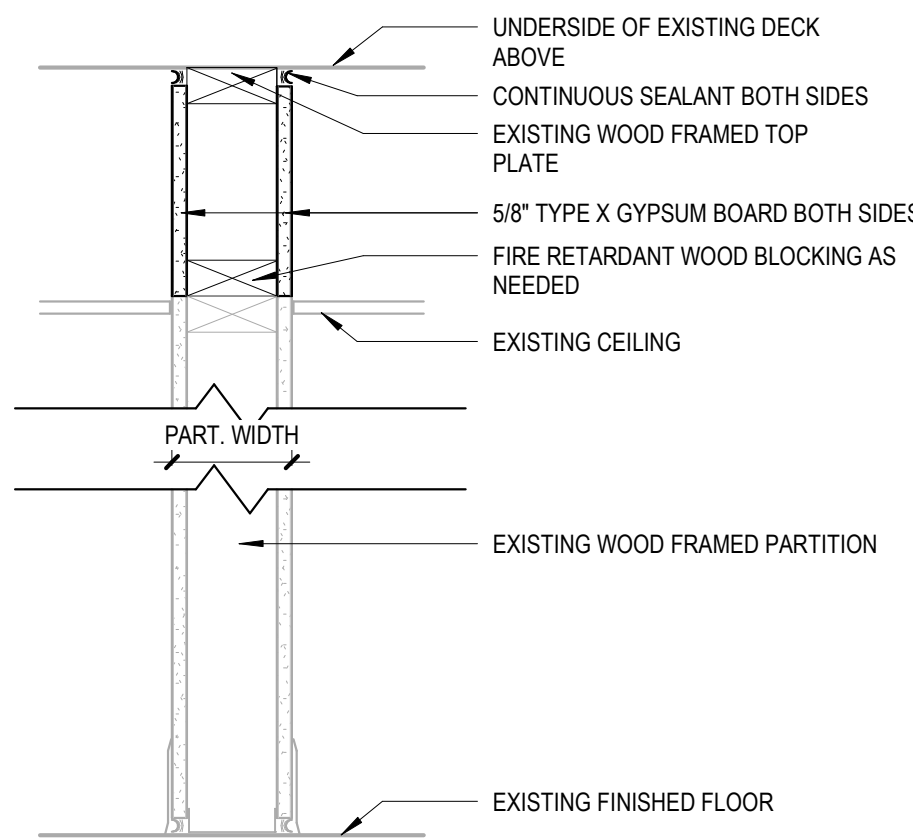
AREA 2C16H DOOR SCHEDULE

MARK	WIDTH	HEIGHT	THICKNESS	DOOR		HARDWARE	FRAME		FIELD COMMENTS
				TYPE	MATERIAL		TYPE	MATERIAL	
C213.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C214.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C215	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C215.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C216.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C217	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C218	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C219.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C220	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C221	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C221.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING
C223	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C224	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL
C224.1	3' - 6"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR LATCH IS NOT OPERATIONAL
C225	4' - 0"	7' - 0"	1 3/4"	EXIST.	EXIST.	EXIST.	EXIST.	EXIST	DOOR NOT LATCHING & INSTALL NEW DOOR SEAL

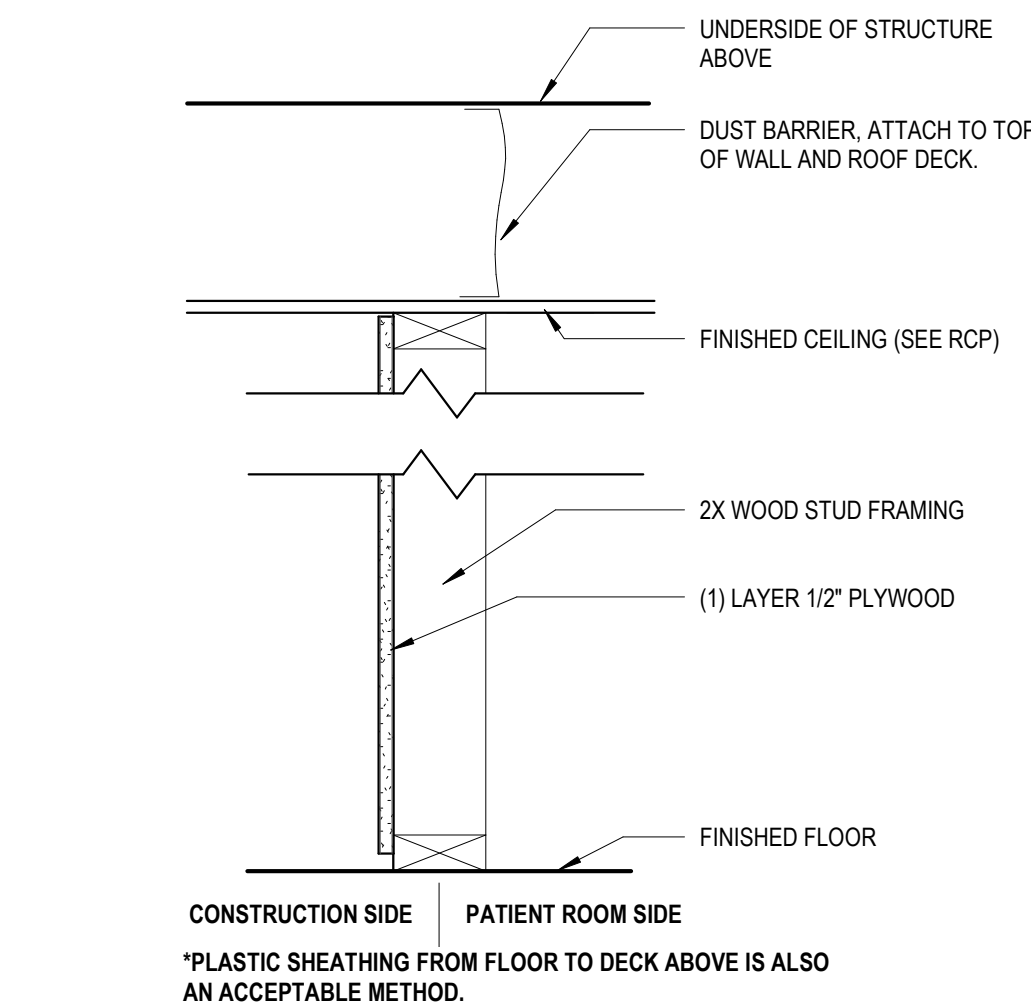
PARTITIONS



A1 GYPSUM BOARD ONE SIDE
1 1/2" = 1'-0"



A2 GYPSUM BOARD BOTH SIDES
1 1/2" = 1'-0"



T1 TEMPORARY PARTITION
1 1/2" = 1'-0"

PARTITION NOTES

- SEAL ALL OPENINGS, GAPS, PENETRATIONS AND JOINTS IN ASSEMBLIES TYPES AS FOLLOW:
 - FIRE BARRIERS: SEAL IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED FOR THROUGH PENETRATION FIRESTOP SYSTEMS AND FIRE RESISTIVE JOINTS SYSTEMS.
 - SMOKE BARRIERS AND SMOKE PARTITIONS: SEAL COMPLETELY WITH TAPED GWB SHEATHING AND ELASTOMERIC SEALANT FOR THE LOCATION AND EXTENT OF PARTITIONS, DESIGNATED AS "SMOKE TIGHT", REFER TO THE LIFE SAFETY DRAWINGS
 - OTHER LOCATIONS: SEAL AS INDICATED AND REQUIRED ELSEWHERE BY THE CONTRACT DOCUMENTS. SOUND SEAL ALL MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION PENETRATIONS OF SOUND PARTITIONS TO MEET THE REQUIREMENTS OF THE ROOM.
- FIRE RATING TEST NUMBERS ARE FOR UNDERWRITERS' LABORATORIES (UL) ASSEMBLIES, UNLESS OTHERWISE NOTED
- SEE LIFE SAFETY PLAN FOR LOCATIONS AND RATINGS OF SMOKE AND FIRE-RATED BARRIERS. REFERENCED TEST NUMBERS APPLY ONLY TO PARTITIONS INDICATED TO BE RATED.
- PROVIDE STENCILED IDENTIFICATION OF RATED BARRIERS

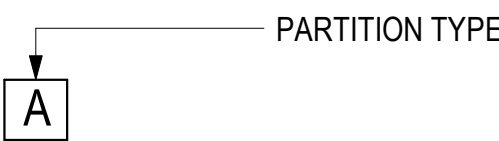
DOOR NOTES

- ALL DOORS NOT LISTED ARE EXISTING DOORS TO REMAIN IN PLACE. PROTECT DURING DURATION OF CONSTRUCTION.
- ALL BEDROOM ENTRY DOOR SEALS TO BE IN COMPLIANCE WITH NFPA 80, NFPA 105, AND NFPA 101.

HARDWARE NOTES

- ALL DOORS NOT LISTED ARE EXISTING DOORS TO REMAIN IN PLACE.
- REFER TO NEW WORK PLANS FOR LOCATIONS OF DEFICIENT HARDWARE NEEDING TO BE CORRECTED. GC TO INSPECT AND IF COMPLETELY NON-OPERATIONAL, CONTACT ARCHITECT, FMDC, AND MISSOURI VETERAN HOME.

TAG LEGEND



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Oculus Inc.

ONE SOUTH MEMORIAL DRIVE
SUITE 1500 ST. LOUIS, MO 63102
(314) 367-6100



OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND
CONSTRUCTION

STATE OF MISSOURI
VETERAN'S HOME

10600 LEWIS AND
CLARK BLVD
ST. LOUIS, MO 63136

PROJECT # 162_26 MO01
MVH # FAI 29-042
SITE # 7356
FACILITY # 6517356071

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06/26/2026

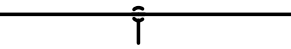
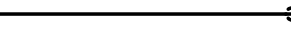
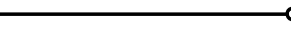
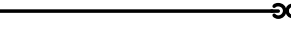
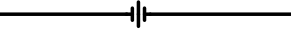
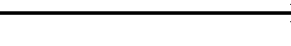
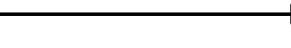
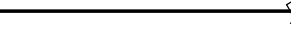
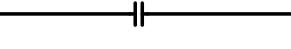
CAD DWG FILE: _____
DRAWN BY: CCF
CHECKED BY: JBS
DESIGNED BY: OCULUS

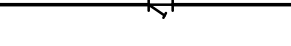
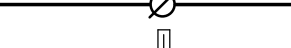
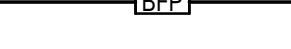
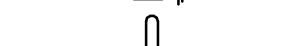
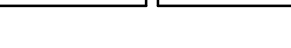
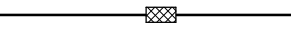
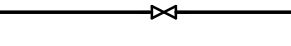
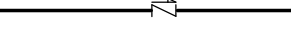
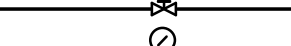
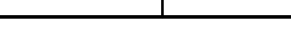
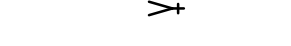
SHEET TITLE:
WALL, PARTITION
ASSEMBLIES, &
DOORS

SHEET NUMBER:

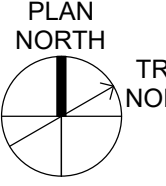
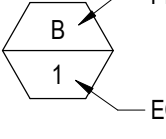
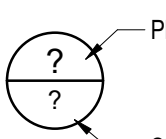
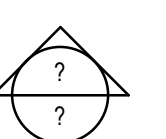
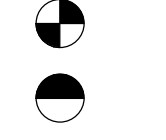
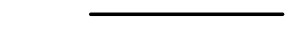
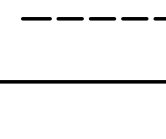
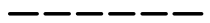
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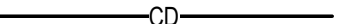
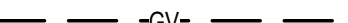
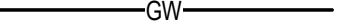
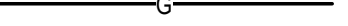
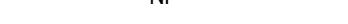
17 OF 42 SHEETS
06/26/2026

PLUMBING PIPING SYMBOLS & ABBREVIATIONS	
NOT ALL SYMBOLS ARE USED FOR THIS PROJECT	
	DIRECTION OF FLOW
	BRANCH CONNECTION, BOTTOM
	BRANCH CONNECTION, TOP
	ELBOW, TURNED DOWN
	ELBOW TURNED UP
	TRAPPED CONNECTION
	UNION
	PIPING CAP
	PIPE CLEANOUT
	PIPE BREAK/CONTINUATION
	PIPE FLANGE
	RISER DESIGNATION
B.O.P	BOTTOM OF PIPE
DN	DOWN
T.O.P	TOP OF PIPE

PLUMBING PIPE ACCESSORIES & VALVES	
NOT ALL SYMBOLS ARE USED FOR THIS PROJECT	
	STRAINER
	BALANCING VALVE (BV)
	TEMPERATURE GAUGE
	BACKFLOW PREVENTER
	HOSE BIBB/WALL HYDRANT (HB/WH)
	EXPANSION FITTING/LOOP
	FLEXIBLE CONNECTION
	SHUT OFF VALVE (SOV)
	CHECK VALVE (CV)
	PRESSURE REGULATING/REDUCING VALVE (PRV)
	PRESSURE GAUGE (PG)
	HOT WATER RETURN PUMP (HWRP)
	TEMPERATURE & PRESSURE RELIEVE VAVLE (T&P)
	VALVE IN VERTICAL (VIV)
	WATER HAMMER ARRESTOR (WHA)

SHEET LIST - PLUMBING	
Sheet Number	Sheet Name
P000	PLUMBING SYMBOLS AND ABBREVIATIONS
P101	PLUMBING OVERALL FLOOR PLAN
P102	PLUMBING FLOOR PLAN - AREA A
P103	PLUMBING FLOOR PLAN - AREA B
P104	PLUMBING FLOOR PLAN - AREA C
P105	PLUMBING FLOOR PLAN - AREA D
PD101	PLUMBING OVERALL DEMOLITION PLAN
PD102	PLUMBING DEMOLITION PLAN - AREA A
PD103	PLUMBING DEMOLITION PLAN - AREA B
PD104	PLUMBING DEMOLITION PLAN - AREA C
PD105	PLUMBING DEMOLITION PLAN - AREA D

COMMON DRAWING REFERENCES	
NOT ALL SYMBOLS ARE USED FOR THIS PROJECT	
	PLAN DETAIL REFERENCE TITLE
	KEYED NOTE DESIGNATION
	NORTH ARROW
	EQUIPMENT TAG
	EQUIPMENT NUMBER
	ENLARGED PLAN REFERENCE
	SECTION
	CONNECT NEW TO EXISTING
	LIMIT OF DEMOLITION
	MATCHLINE
	REVISION TAG
PHASING LINE TYPE LEGEND	
	EXISTING TO REMAIN OR NEW WORK BY OTHERS (LIGHT, SOLID LINE)
	NEW WORK BY THIS CONTRACTOR (DARK, SOLID LINE)
	EXISTING TO BE REMOVED BY THIS CONTRACTOR (DARK, DASHED LINE, DEMOLITION PLANS)

PLUMBING PIPE SYMBOLS	
NOT ALL SYMBOLS ARE USED FOR THIS PROJECT	
	CONDENSATE DRAIN
	DOMESTIC COLD WATER PIPING (CW)
	DOMESTIC HOT WATER PIPING (HW)
	DOMESTIC HOT WATER RETURN PIPING (HWR)
	DRAIN PIPING
	DEIONIZED WATER PIPING
	GRAY WATER WASTE PIPING
	GREASE VENT PIPING
	GREASE WASTE PIPING
	NATURAL GAS PIPING
	NON-POTABLE WATER PIPING
	OVERFLOW STORM PIPING
	OIL WASTE PIPING
	PUMP DISCHARGE PIPING
	REVERSE OSMOSIS PIPING (RO)
	SANITARY PIPING
	SOFTENED COLD WATER PIPING
	SOFTENED HOT WATER PIPING
	SUBSOIL DRAINAGE PIPING
	STORM PIPING
	TEMPERED WATER PIPING
	VENT PIPING
	WASTE PIPING

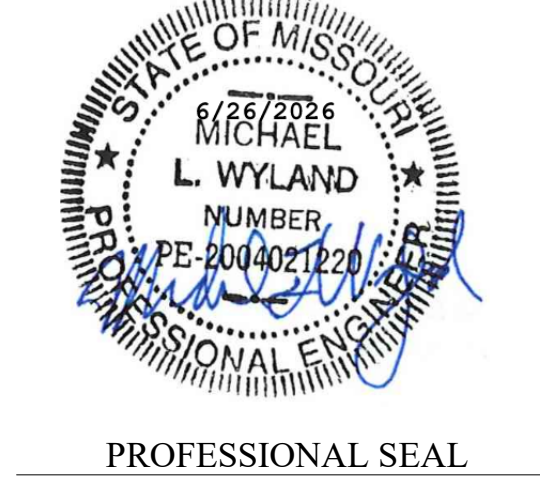
PLUMBING ABBREVIATIONS	
NOT ALL SYMBOLS ARE USED FOR THIS PROJECT	
AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITIES ACT
ADAAG	AMERICANS ACCESSIBILITY GUIDELINES
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
AP	ACCESS PANEL
AVB	ATMOSPHERIC VACUUM BREAKER
BFP	BACKFLOW PREVENTER
BOP	BOTTOM OF PIPE
BP	BOOSTER PUMP
BT	BATHTUB
BTC	BRANCH TO CONNECTION
BTU	BRITISH THERMAL UNIT
BV	BALANCING VALVE
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CO	CLEANOUT
CONT	CONTINUATION
CP	CIRCULATION PUMP
CPVC	CHLORINATED POLYVINYL CHLORIDE PIPING
CSS	CLINICAL SERVICE SINK
OW	COLD WATER
DF	DRINKING FOUNTAIN
DFU	DRAINAGE FIXTURE UNIT
DI	DEIONIZED PIPING
DIA	DIAMETER
DN	DOWN
DS	DOWNSPOUT
DW	DISHWASHER
DWG	DRAWING
DWH	DOMESTIC WATER HEATER
DWV	DRAIN, WASTE & VENT
EEW	EMERGENCY EYE WASH
ESEW	EMERGENCY SHOWER & EYE WASH
ESH	EMERGENCY SHOWER
ET	EXPANSION TANK
EWC	ELECTRIC WATER COOLER
EX	EXISTING
F	FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FFE	FINISH FLOOR ELEVATION
FPS	FEET PER SECOND
FS	FLOOR SINK
GAL	GALLON
GCO	GRADE CLEANOUT
GD	GARBAGE DISPOSAL
GI	GREASE INTERCEPTOR
GPD	GALLONS PER DAY
GPF	GALLONS PER FLUSH
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HD	HUB DRAIN
HP	HORSE POWER
HW	HOT WATER
HWR	HOT WATER RETURN
HWRP	HOT WATER RETURN PUMP
HWST	HOT WATER STORAGE TANK
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IM	ICE MAKER
IN.WC	WATER COLUMN
INS	INSULATION
IW	INDIRECT WASTE
LA	LAVATORY
LF	LINEAR FEET
MB	MOP BASIN
MBH	THOUSAND BTU PER HOUR
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NP	NON-POTABLE
NPS	NOMINAL PIPE SIZE
NTS	NOT TO SCALE
OB	OUTLET BOX
ORD	OVERFLOW ROOF DRAIN
PEX	CROSS-LINKED POLYETHYLENE PIPING
PG	PRESSURE GAUGE
PH	PHASE (ELECTRICAL)
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE PIPING
QTY	QUANTITY
RD	ROOF DRAIN
RH	ROOF HYDRANT
RI	ROUGH-IN
RO	REVERSE OSMOSIS
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE BACKFLOW PREVENTER
S	SANITARY
SCW	SOFTENED COLD WATER
SE	SEWAGE EJECTOR
SH	SHOWER
SK	SINK
SP	SUMP PUMP
S/S	STAINLESS STEEL
SS	SANITARY STACK
SSD	SUBSOIL DRAINAGE
SSK	SHOP SINK
TBV	THERMOSTATIC BALANCING VALVE
TD	TRENCH DRAIN
TDH	TOTAL DYNAMIC HEAD
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TW	TREATED WATER
TYP	TYPICAL
UR	URINAL
V	VENT
VAC	VACUUM
VIF	VERIFY IN FIELD
VB	VACUUM BREAKER
VOL	VOLUME
VP	VACUUM PUMP
VS	VENT STACK
VTR	VENT THRU ROOF
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WM	WATER METER
WS	WASTE STACK
WSFU	WATER SUPPLY FIXTURE UNIT
WSV	WASTE STACK VENT
YCO	YARD CLEANOUT
YH	YARD HYDRANT

PLUMBING DEMOLITION GENERAL NOTES	
1. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO REPAIR THE EXISTING SURFACES TO REMAIN WHERE THEIR WORK HAS BEEN COMPLETED. REPAIR SHALL INCLUDE, BUT NOT LIMITED TO, ANY EXISTING WALL, CEILING OR FLOOR THAT IS SCHEDULED TO REMAIN. REPAIR, PAINTING, AND PATCHING SHALL BE COMPLETED BY AN APPROPRIATE CONTRACTOR QUALIFIED FOR THIS TYPE OF WORK.	
2. THE OWNER SHALL MAINTAIN ALL SALVAGE RIGHTS OF FIXTURES, EQUIPMENT AND MATERIALS REMOVED, HOWEVER, ALL FIXTURES, EQUIPMENT AND MATERIALS NOT CLAIMED BY THE OWNER SHALL BE REMOVED FROM THE PREMISES AND PROPERLY DISPOSED OF THE BY THE DEMOLITION CONTRACTOR.	
3. CEILING REMOVAL, STORAGE AND REPLACEMENT FOR NEW PIPING INSTALLATION SHALL BE BY THE GENERAL CONTRACTOR.	
4. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, THE CONTRACTOR WILL NOTIFY BUILDING OWNER OF THE HAZARDOUS MATERIAL.	
5. TEMPORARY CONNECTION SHALL BE PROVIDED BY RESPECTIVE PLUMBING AND FIRE PROTECTION CONTRACTORS WHEN EXTENDED INTERRUPTIONS OF SERVICES AND UTILITIES SUCH AS WATER, WASTE AND FIRE PROTECTION WHICH SERVE OTHER AREAS ARE NECESSARY.	
6. COORDINATE WITH MAINTENANCE PERSONNEL AS TO SOURCE OF UTILITIES AND TEMPORARILY DISCONNECT OR SHUT OFF SERVICES OR UTILITIES AT NEAREST MAIN. TEMPORARY AND ACCESSIBLE ISOLATION VALVES SHALL BE INSTALLED CLOSE TO THIS POINT OF WORK.	
7. IT IS ESSENTIAL THAT BUILDING OPERATIONS CONTINUE WITH MINIMAL INTERRUPTION. IT IS NECESSARY THAT OPERATION OF EXISTING SYSTEMS BE INTERFACED WITH AS LITTLE DISRUPTION AS POSSIBLE EXCEPT IN AREAS VACATED FOR CONSTRUCTION WORK. WORK WHICH WILL INTERFERE WITH OPERATION OF EXISTING FIRE SUPPRESSION AND PLUMBING SYSTEMS OR WHICH REQUIRE DOWNTIME WILL BE SCHEDULED ONLY AFTER CONSULTATION WITH AND PERMISSION GIVEN BY THE OWNER. ALLOW 10 DAYS PRIOR TO ANTICIPATED INTERRUPTION OF SYSTEMS. WORK MAY BE REQUIRED TO BE PERFORMED OUTSIDE NORMAL WORKING HOURS.	
8. ARCHITECTURAL DEMOLITION DRAWINGS AND SPECIFICATIONS SHALL BE READ IN CONJUNCTION WITH THESE DRAWINGS.	
9. ALL PIPING HANGERS AND SUPPORTS SHALL BE REMOVED ALONG WITH PIPING BEING REMOVED.	
10. THE CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH PROJECTS PHASING SCHEDULE PRIOR TO COMMENCEMENT OF ANY WORK.	

PLUMBING NEW WORK GENERAL NOTES	
1. DUE TO THE LIMITED SPACE AVAILABLE FOR THE INSTALLATION OF ALL THE PLUMBING WORK, COORDINATION BETWEEN ALL OTHER TRADES IS OF UTMOST IMPORTANCE.	
2. THIS CONTRACTOR SHALL VISIT THE PROJECT SITE AND VERIFY LOCATIONS, ELEVATIONS AND SIZES OF ALL UTILITIES AT SITE PRIOR TO PROCEEDING WITH WORK. EXISTING SYSTEMS AND STRUCTURE SHALL BE INVESTIGATED FOR BEST POSSIBLE ROUTING OF COLD WATER, HOT WATER, SANITARY WASTE AND VENT, STORM AND MEDICAL LABORATORY GAS PIPING.	
3. THESE PLANS ARE DIAGRAMMATIC IN NATURE SINCE THE ONLY AVAILABLE INFORMATION HAS BEEN OBTAINED FROM EXISTING PLANS, SPECIFICATIONS, AND FIELD SURVEYS. THE EXACT LOCATION OF PIPING, FIXTURES AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THESE DRAWINGS. EXTREME ACCURACY IS NOT GUARANTEED. THIS CONTRACTOR SHALL BE PREPARED TO MAKE ALTERATIONS TO NEW AND/OR EXISTING SERVICES TO FIT JOB CONDITIONS. THIS CONTRACTOR SHALL FURNISH A COMPLETE CODE COMPLYING SYSTEM. THIS CONTRACTOR SHALL REPORT, IN WRITING, ANY DISCREPANCIES WHICH PREVENT THE INSTALLATION OF WORK AS SHOWN.	
4. IF THIS CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS OR IS NOT COMPLETELY SURE OF THEIR MEANING, THIS CONTRACTOR SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND/OR INTERPRETATION PRIOR TO SUBMITTING BIDS. SINCE THIS CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.	
5. WHEN PLACING NEW PLUMBING FIXTURES, CONTRACTOR SHALL VERIFY LOCATIONS OF PLUMBING VENTS, OFFSET VENTS THAT TERMINATE WITHIN 25 FEET OF HVAC UNITS OUTDOOR AIR INTAKES. CONTRACTOR SHALL FIELD VERIFY PRIOR TO BID WHERE THE INTERFERENCE'S ARE PRICE ACCORDINGLY OR MAKE ALLOWANCES IN BID.	
6. USE CAUTION WHEN SAW-CUTTING THROUGH EXISTING CONCRETE FLOOR OR WALL CONSTRUCTION FOR THE INSTALLATION OF PLUMBING SYSTEMS TO AVOID CUTTING REBAR AT EDGE OF OPENING. LEAVE SUFFICIENT REBAR EXPOSED TO THE NEW REINFORCING REPLACEMENT CONCRETE AND/OR OTHER STRUCTURAL ATTACHMENTS FOR NEW CONSTRUCTION.	
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REVISIONS, TRANSITIONS, OFFSETS, ETC., TO AVOID DUCTWORK, PIPING, EQUIPMENT OR STRUCTURE NEW OR EXISTING AND TO MAKE A COMPLETE AND FUNCTIONING SYSTEM.	
8. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF PLUMBING FIXTURES AND DRAINS.	
9. COORDINATE ALL CORING OF FLOORS AND WALLS WITH ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO START OF WORK.	
10. NO WORK SHALL BE INSTALLED IN VIOLATION OF ANY GOVERNING CODES. ANY WORK SHOWN ON THE DRAWINGS WHICH IS IN VIOLATION OF SUCH CODES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE AND SHALL BE RESOLVED PRIOR TO THE INSTALLATION OF THE WORK.	
11. MANUFACTURER'S MODEL NUMBERS ARE SPECIFIED SOLELY TO ESTABLISH STANDARDS OF QUALITY FOR PERFORMANCE AND MATERIALS.	

PLUMBING PROJECT CODES	
THESE CODES SHALL APPLY, BUT ARE NOT LIMITED TO THE FOLLOWING:	
2018 INTERNATIONAL PLUMBING CODE 2021 UNIFORM PLUMBING CODE 2018 INTERNATIONAL ENERGY CONSERVATION CODE 2018 INTERNATIONAL FUEL GAS CODE 2012 NFPA 99 - HEALTH CARE FACILITIES CODE	

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DEPARTMENT OF MENTAL
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STATE OF MISSOURI
VETERAN'S HOME

10600 LEWIS AND
CLARK BLVD
ST. LOUIS, MO 63136

PROJECT # 162_26 MO01

SITE # 7356

FACILITY # 6517356071

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06/26/2026

CAD DWG FILE: _____
DRAWN BY: DSB
CHECKED BY: AH
DESIGNED BY: DSB

SHEET TITLE:
PLUMBING
SYMBOLS AND
ABBREVIATIONS

SHEET NUMBER:

P000

24 OF 42 SHEETS
06/26/2026

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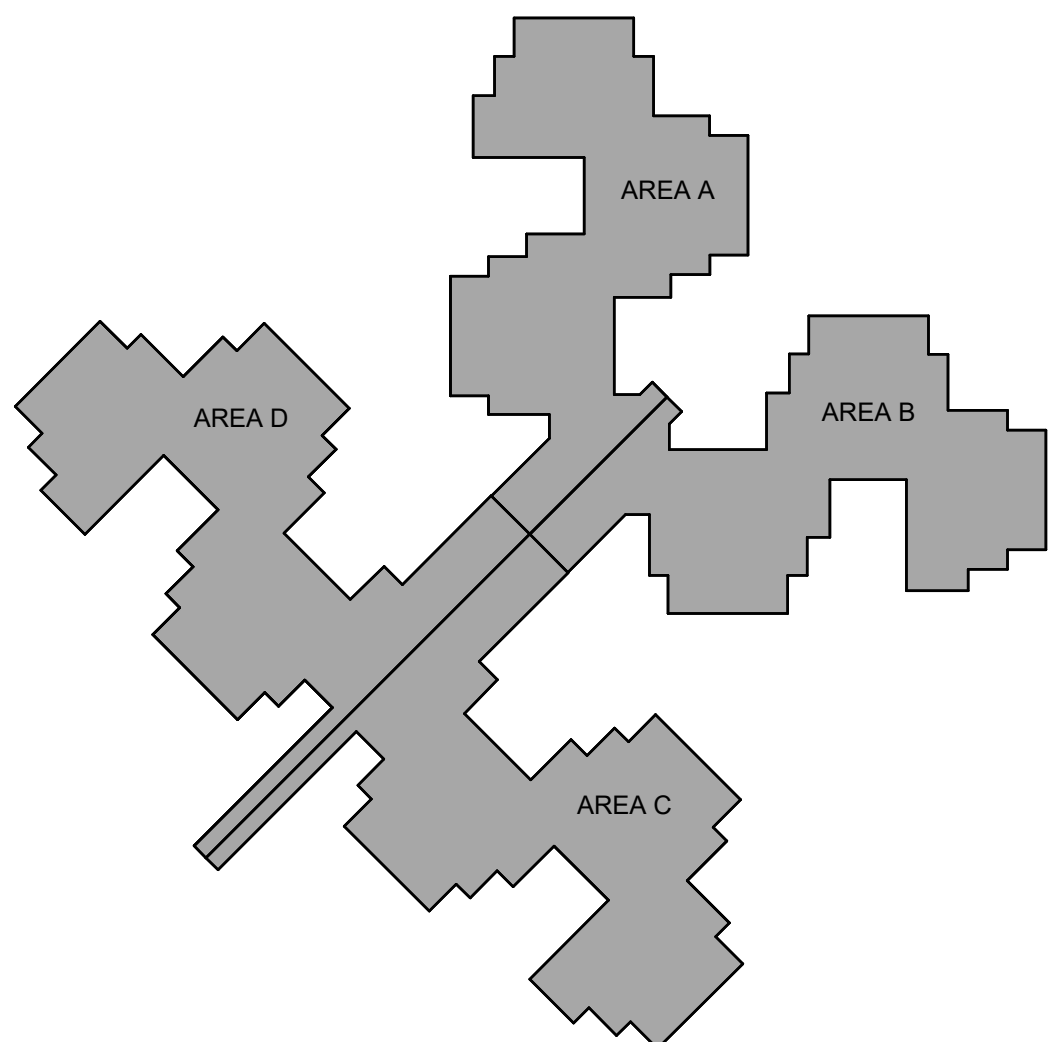


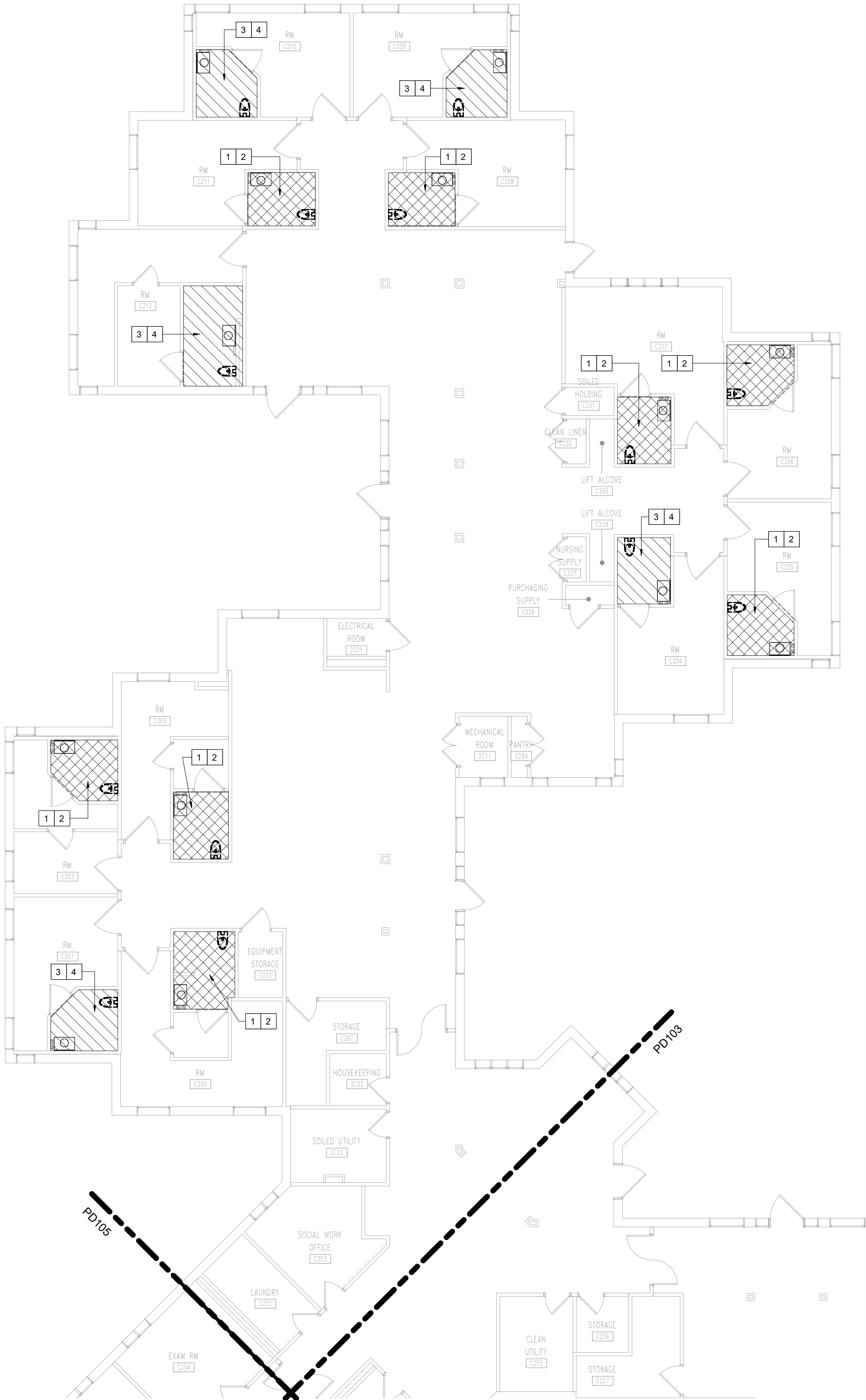
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PD101

 HATCHING REPRESENTS RESTROOMS
UNDER ALTERNATE BID #1.





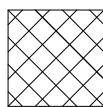
PLUMBING SHEET NOTES

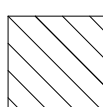
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2. COORDINATE WITH RESTROOM FLOOR REMOVAL PER ARCHITECTURAL SHEETS.
3. REFER TO SHEETS PD102, PD103, PD104 AND PD105 FOR DETAILED DEMOLITION FOR THIS PROJECT.

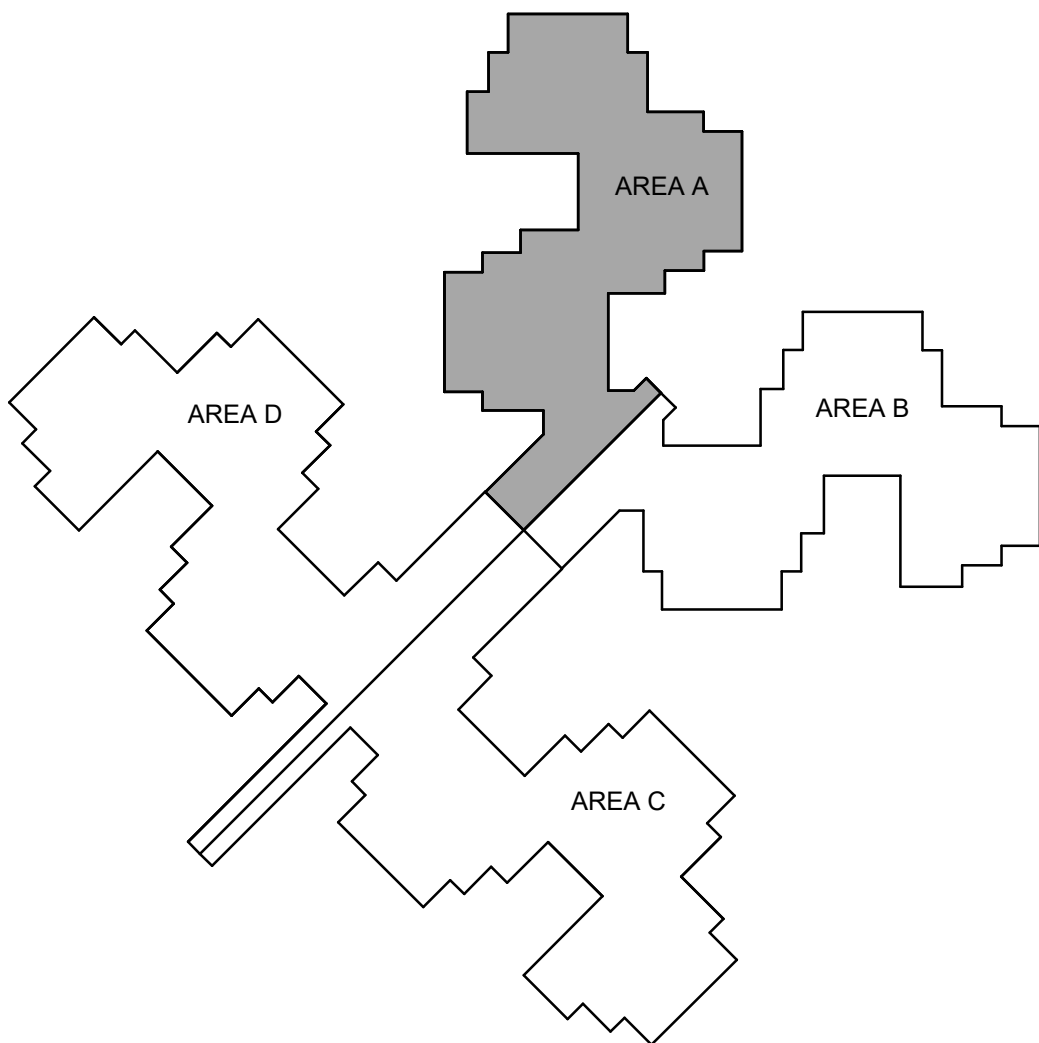
SHEET KEYED NOTES:

- 1 REMOVE EX FD AND PREPARE PIPE FOR NEW FD IN CONSTRUCTION PHASE. (BASE BID)
- 2 REMOVE EX FLOOR MOUNT WC AND RETAIN FOR REINSTALLATION DURING CONSTRUCTION PHASE. (BASE BID)
- 3 REMOVE EX FD AND PREPARE PIPE FOR NEW FD IN CONSTRUCTION PHASE. (ALTERNATE 1)
- 4 REMOVE EX FLOOR MOUNT WC AND RETAIN FOR REINSTALLATION DURING CONSTRUCTION PHASE. (ALTERNATE 1)

BASE BID - ALTERNATE BID #1:

 HATCHING REPRESENTS RESTROOMS UNDER BASE BID.

 HATCHING REPRESENTS RESTROOMS UNDER ALTERNATE BID #1.



1 PLUMBING DEMOLITION - LEVEL 1 - AREA A
1/8" = 1'-0"

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PROJECT # 162_26 MO01

SITE # 7356

FACILITY # 6517356071

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DATE: _____

ISSUE DATE: 06/26/2026

CAD DWG FILE: _____
DRAWN BY: DSB
CHECKED BY: AH
DESIGNED BY: DSB

SHEET TITLE:
PLUMBING
DEMOLITION PLAN -
AREA A

SHEET NUMBER:

PD102

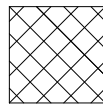
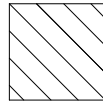
26 OF 42 SHEETS
06/26/2026

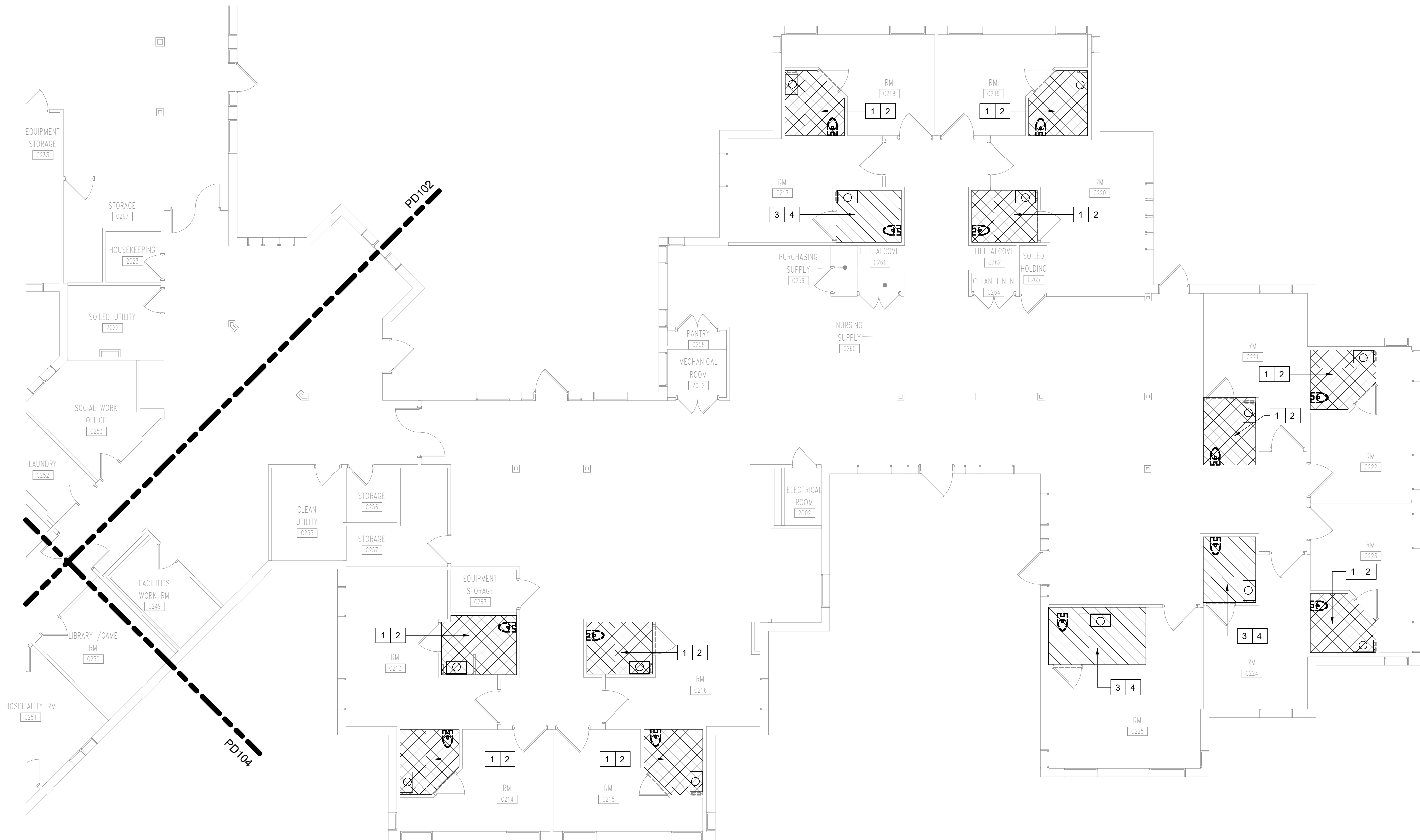
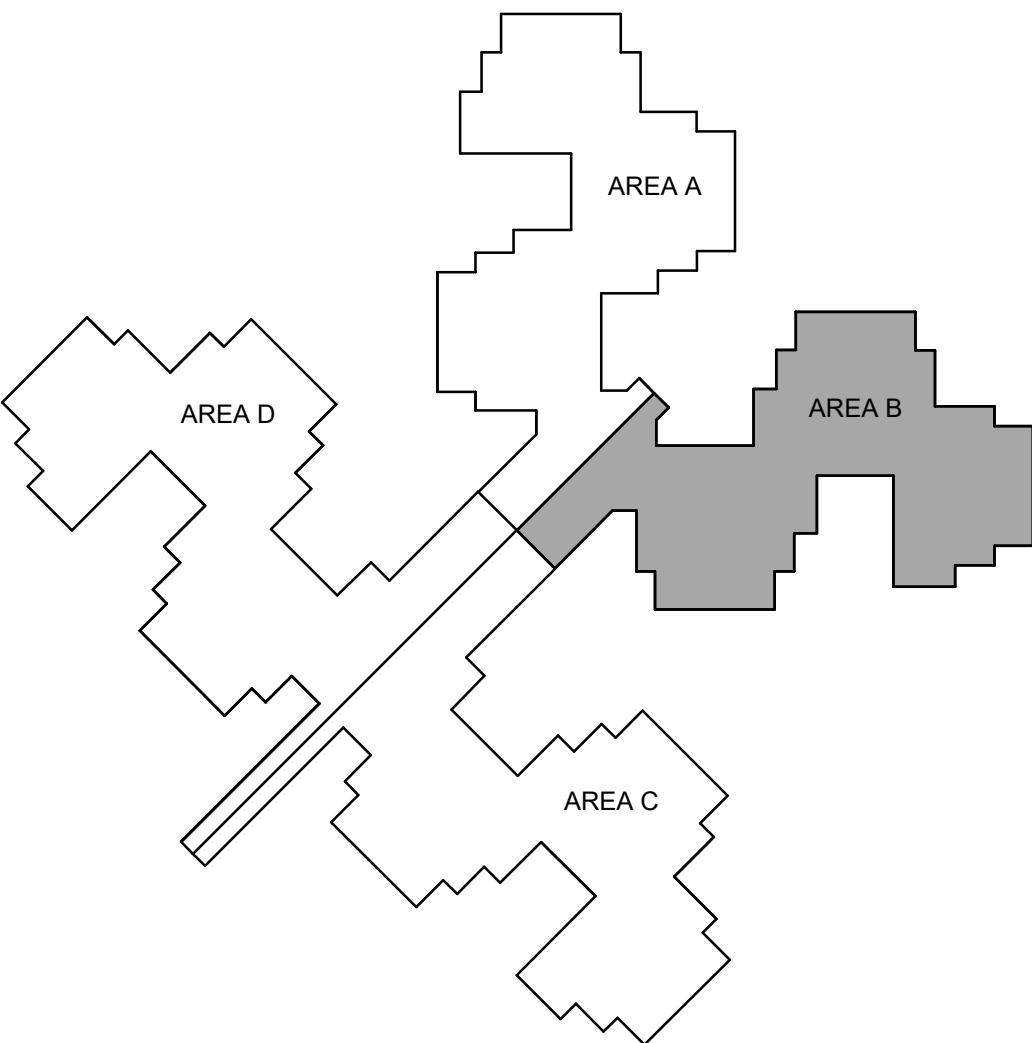
PLUMBING SHEET NOTES

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3. REFER TO SHEETS PD102, PD103, PD104 AND PD105 FOR DETAILED DEMOLITION FOR THIS PROJECT.

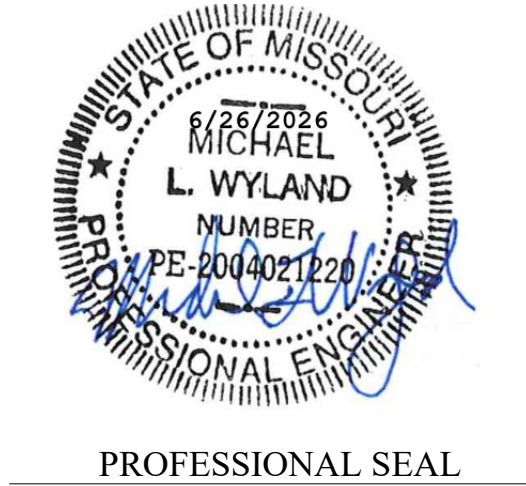
- # SHEET KEYED NOTES:
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 - 2 REMOVE EX FLOOR MOUNT WC AND RETAIN FOR REINSTALLATION DURING CONSTRUCTION PHASE. (BASE BID)
 - 3 REMOVE EX FD AND PREPARE PIPE FOR NEW FD IN CONSTRUCTION PHASE. (ALTERNATE 1)
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BASE BID - ALTERNATE BID #1:

-  HATCHING REPRESENTS RESTROOMS UNDER BASE BID.
-  HATCHING REPRESENTS RESTROOMS UNDER ALTERNATE BID #1.



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ST. LOUIS, MO 63136

PROJECT # 162_26 MO01
SITE # 7356
FACILITY # 6517356071

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DATE: _____
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REVISION: _____
DATE: _____
ISSUE DATE: 06/26/2026

CAD DWG FILE: _____
DRAWN BY: DSB
CHECKED BY: AH
DESIGNED BY: DSB

SHEET TITLE:
PLUMBING
DEMOLITION PLAN -
AREA B

SHEET NUMBER:

PD103
27 OF 42 SHEETS
06/26/2026

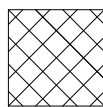
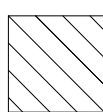
PLUMBING SHEET NOTES

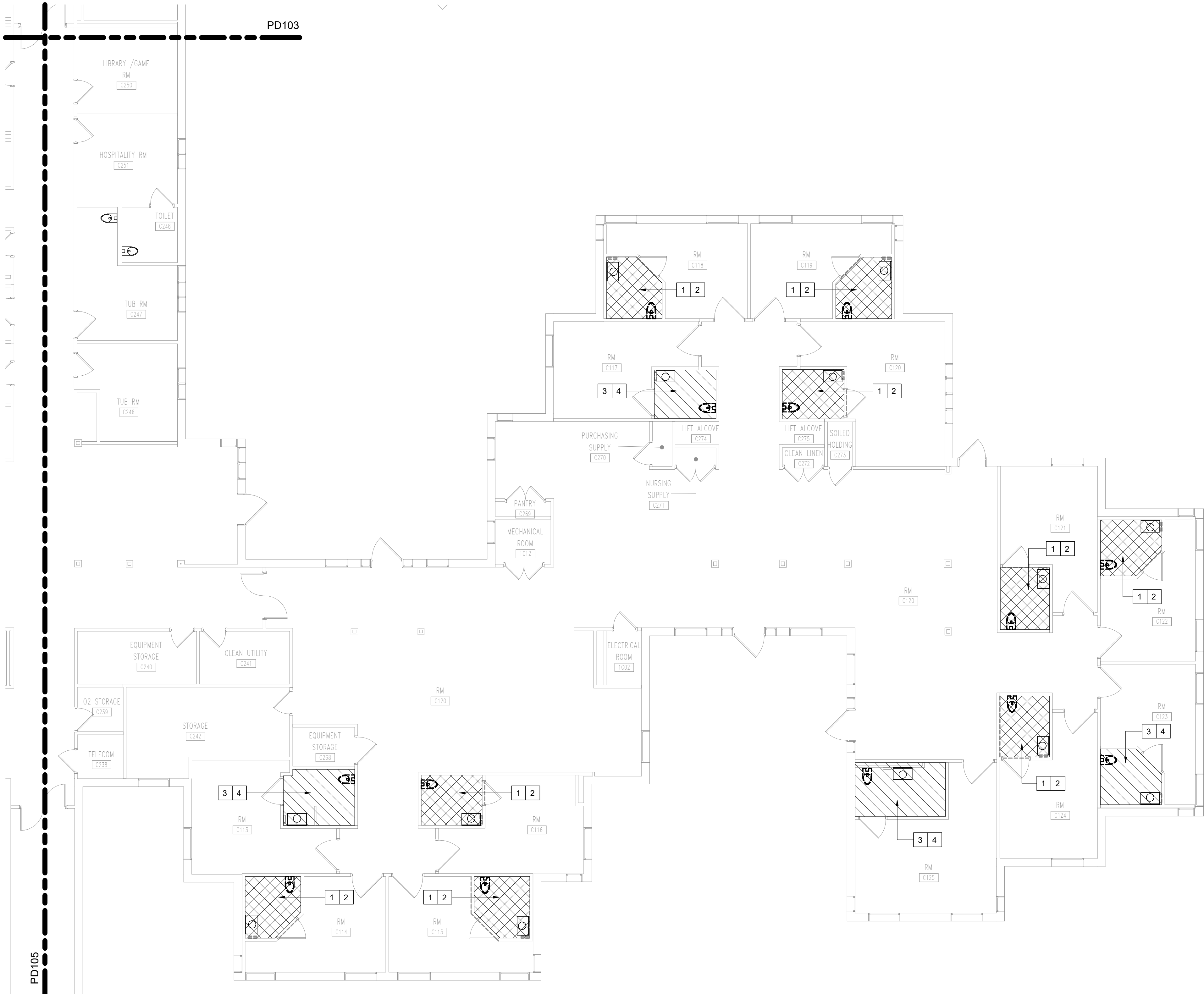
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3. REFER TO SHEETS PD102, PD103, PD104 AND PD105 FOR DETAILED DEMOLITION FOR THIS PROJECT.

SHEET KEYED NOTES:

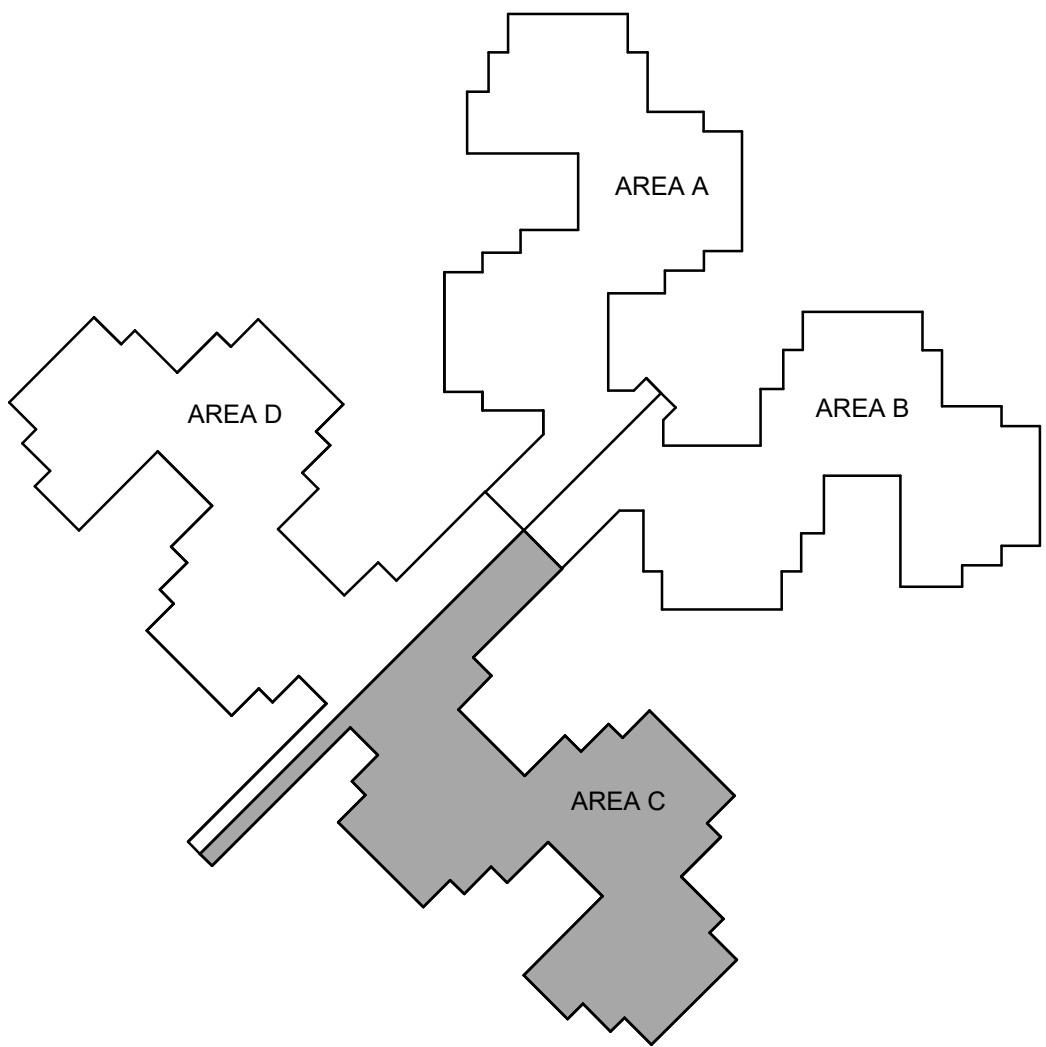
- | | |
|---|---|
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BASE BID - ALTERNATE BID #1:

- | | |
|---|---|
|  | HATCHING REPRESENTS RESTROOMS UNDER BASE BID. |
|  | HATCHING REPRESENTS RESTROOMS UNDER ALTERNATE BID #1. |



1 PLUMBING DEMOLITION - LEVEL 1 - AREA C
1/8" = 1'-0"



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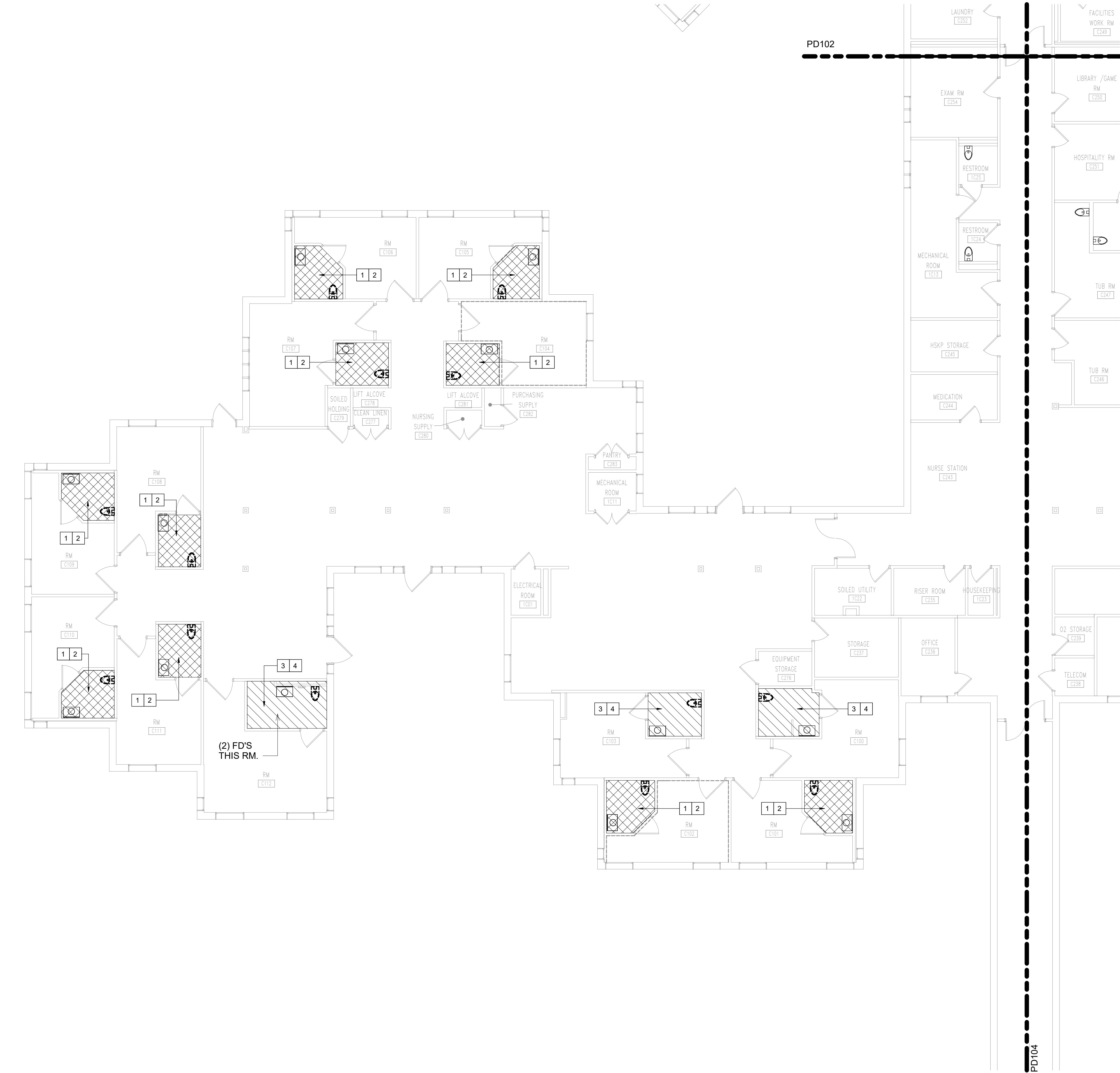
CAD DWG FILE: _____
DRAWN BY: DSB
CHECKED BY: AH
DESIGNED BY: DSB

SHEET TITLE:
PLUMBING
DEMOLITION PLAN -
AREA C

SHEET NUMBER:

PD104

28 OF 42 SHEETS
06/26/2026



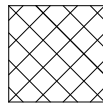
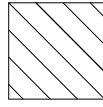
PLUMBING SHEET NOTES

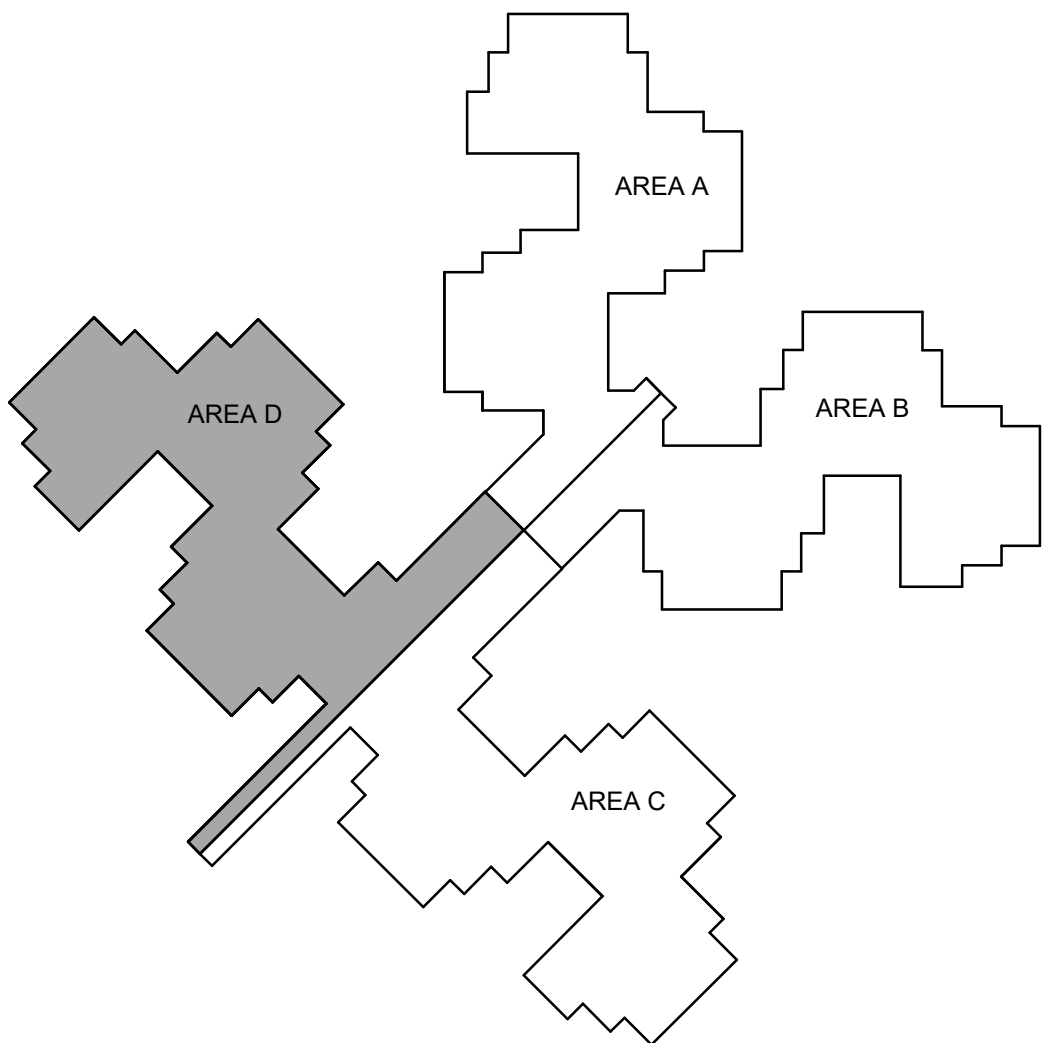
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- 3 REMOVE EX FD AND PREPARE PIPE FOR NEW FD IN CONSTRUCTION PHASE. (ALTERNATE 1)
- 4 REMOVE EX FLOOR MOUNT WC AND RETAIN FOR REINSTALLATION DURING CONSTRUCTION PHASE. (ALTERNATE 1)

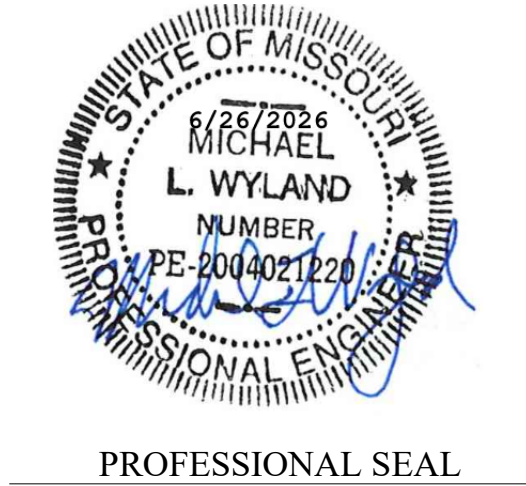
BASE BID - ALTERNATE BID #1:

-  HATCHING REPRESENTS RESTROOMS UNDER BASE BID.
-  HATCHING REPRESENTS RESTROOMS UNDER ALTERNATE BID #1.



1 PLUMBING DEMOLITION - LEVEL 1 - AREA D
1/8" = 1'-0"

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10600 LEWIS AND
CLARK BLVD
ST. LOUIS, MO 63136

PROJECT # 162_26 MO01

SITE # 7356

FACILITY # 6517356071

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

ISSUE DATE: 06/26/2026

CAD DWG FILE:
DRAWN BY: DSB
CHECKED BY: AH
DESIGNED BY: DSB

SHEET TITLE:
PLUMBING
DEMOLITION PLAN -
AREA D

SHEET NUMBER:

PD105

29 OF 42 SHEETS
06/26/2026

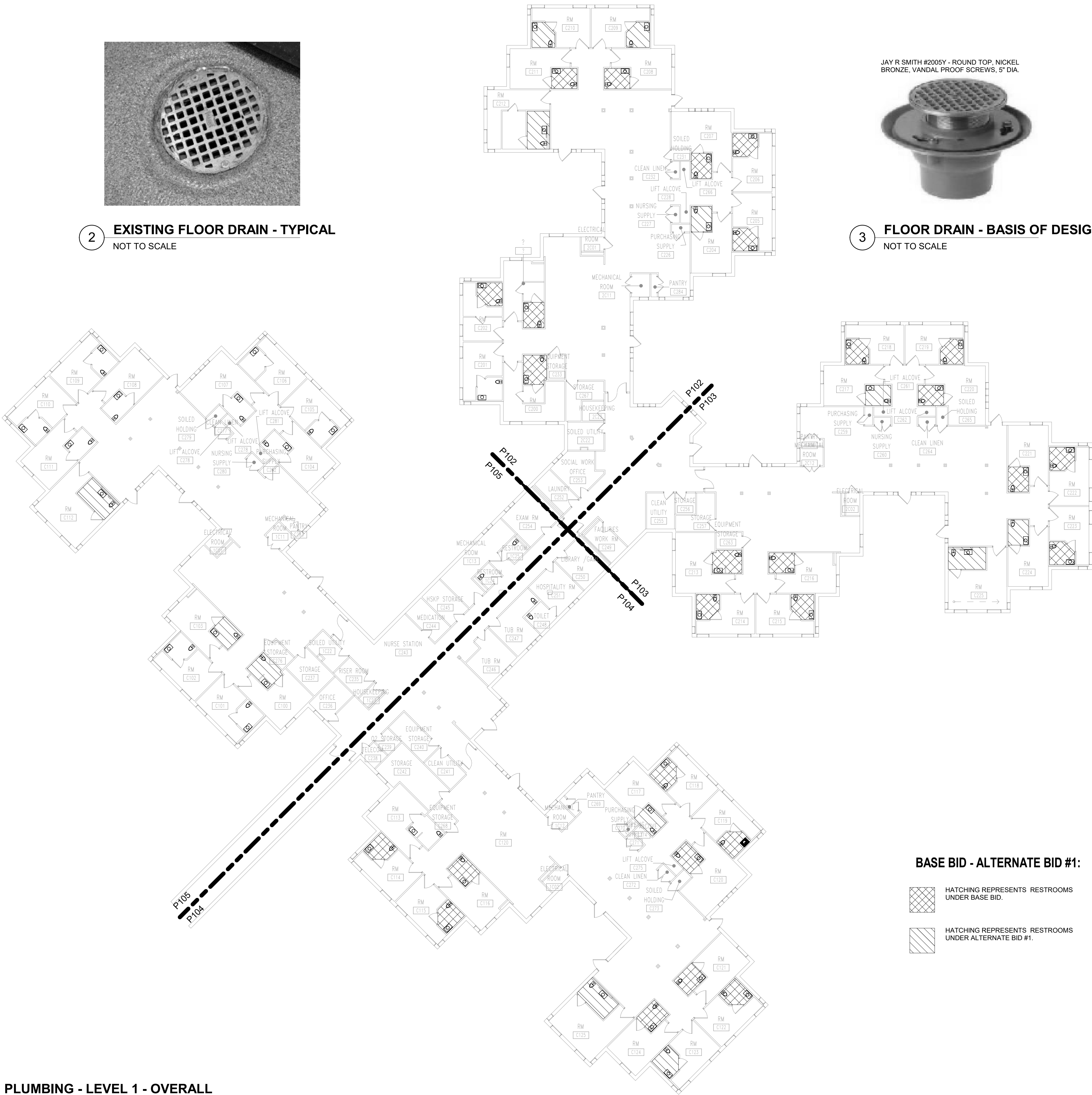


2 EXISTING FLOOR DRAIN - TYPICAL
NOT TO SCALE

JAY R SMITH #2005Y - ROUND TOP, NICKEL
BRONZE, VANDAL PROOF SCREWS, 5" DIA.



3 FLOOR DRAIN - BASIS OF DESIGN
NOT TO SCALE



1 PLUMBING - LEVEL 1 - OVERALL
1/16" = 1'-0"

PLUMBING SHEET NOTES

1. REFER TO ARCHITECTURAL PLANS FOR DETAILED LAYOUTS OF THE RESTROOMS.
2. COORDINATE WITH NEW FLOOR LEVELS WHEN INSTALLING NEW FDS AND REINSTALLING WCS.
3. ENSURE ALL LAVS, SHOWERS AND WATER CLOSETS MEET ADA HEIGHTS. ADJUST IF NEW FLOOR LEVEL PUTS THEM OUT OF TOLERANCE.
4. REFER TO SHEETS P102, P103, P104 AND P105 FOR NEW WORK FOR THIS PROJECT.

NEW WORK - BID BREAKDOWN:

BASE BID:

- INSTALL NEW FLOOR DRAINS IN RESTROOMS PER SHEETS P102 THRU P105 AS INDICATED. COORDINATE WITH ARCHITECTURAL SHEETS FOR DELINEATION OF BASE BID RESTROOMS AND ALTERNATE 1 RESTROOMS.
- REINSTALL STORED LAVATORIES WATER CLOSETS IN RESTROOMS INDICATED PER SHEETS P102 THRU P105 AFTER NEW FLOOR INSTALLED. ENSURE ALL FIXTURES ARE STILL AT ADA HEIGHT (BASE BID) AND ARE FULLY OPERATIONAL INCLUDING NO CROSS CONNECTIONS.

ALTERNATE 1:

- INSTALL NEW FLOOR DRAINS IN RESTROOMS PER SHEETS P102 THRU P105 AS INDICATED. COORDINATE WITH ARCHITECTURAL SHEETS FOR DELINEATION OF BASE BID RESTROOMS AND ALTERNATE 1 RESTROOMS.
- REINSTALL STORED WATER CLOSETS IN RESTROOMS INDICATED PER SHEETS P102 THRU P105 AFTER NEW FLOOR IS INSTALLED. ENSURE ALL FIXTURES ARE FULLY OPERATIONAL INCLUDING NO CROSS CONNECTIONS.
- ALL RESTROOMS: COMPLETE ADA PIPE INSULATION COVERS UNDER LAVATORIES. MISSING ON SUPPLY LINES TO AND INCLUDING TMV FOR FAUCET. REFER TO SHEETS P102 THRU P105.
- ENSURE WATER PRESSURE IS GOOD TO ALL FIXTURES. ADJUST IF NECESSARY.

ALTERNATE 2:

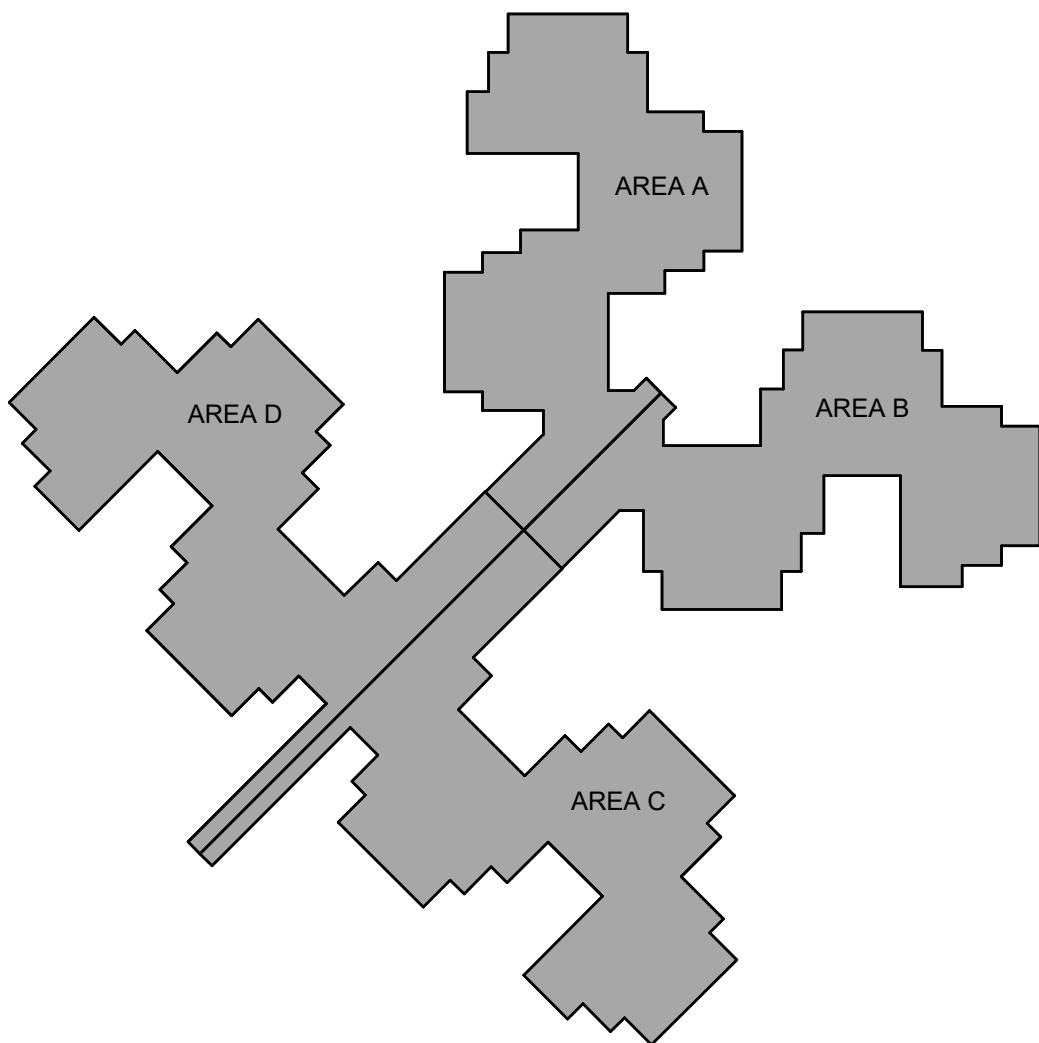
- COMPLETE ALL DOMESTIC WATER PIPING INSULATION THROUGHOUT C-WING INCLUDING AT PIPE HANGERS. SEAL AND COMPLETE ANY MISSING INSULATION. REFER TO SHEETS P102 THRU P105. FOLLOW ABOVE CEILING PROTOCOLS NOTED BELOW.

CEILING ACCESS PROTOCOLS:

- WHEN VISUAL INSPECTION ONLY IS THE TASK, IT MAY REQUIRE THE OPENING OF CEILING TILES OR ACCESS PANELS OUTSIDE OF BARRIER. THE CEILING TILE OR ACCESS PANEL SHALL BE REPLACED IMMEDIATELY UPON COMPLETION OF THE INVESTIGATION AND WHEN UNATTENDED. THIS REQUIRES OPENING ONLY 1 CEILING TILE AT A TIME.
- FOLLOW FACILITY SPECIFIC GUIDELINES FOR OTHER ABOVE CEILING PROTOCOLS (e.g. BLEACH/WATER SPRAYING OF CEILING TILES IN A 360-DEGREE FASHION IN AIR SPACE ABOVE, OR OTHER ABOVE CEILING ACCESS).
- CEILING ACCESS SHOULD NOT OCCUR IN AN OCCUPIED PATIENT ROOM UNLESS IT IS AN EMERGENCY (e.g. ACTIVE FLOODING).
- OBSERVE FOR DEBRIS (MORE THAN DUST) WHEN THE TILE IS LIFTED; IF NOTED, DISCONTINUE WORK, CONSULT IP, CLEANUP SITE, (e.g. HEPA VAC, ETC.). IF SHARPS OR ANY OTHER TYPE OF POTENTIALLY INFECTIOUS MATERIAL IS FOUND, CONTACT IP OR EH&S.
- SEMI CRITICAL SPACES SUCH AS OR, PROCEDURAL AREAS AND CORRIDORS WITHIN. CEILING ACCESS SHOULD BE DONE WITH USE OF HEPA CART OR BARRIERS.

BASE BID - ALTERNATE BID #1:

- HATCHING REPRESENTS RESTROOMS UNDER BASE BID.
- HATCHING REPRESENTS RESTROOMS UNDER ALTERNATE BID #1.



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DATE: _____

ISSUE DATE: 06/26/2026

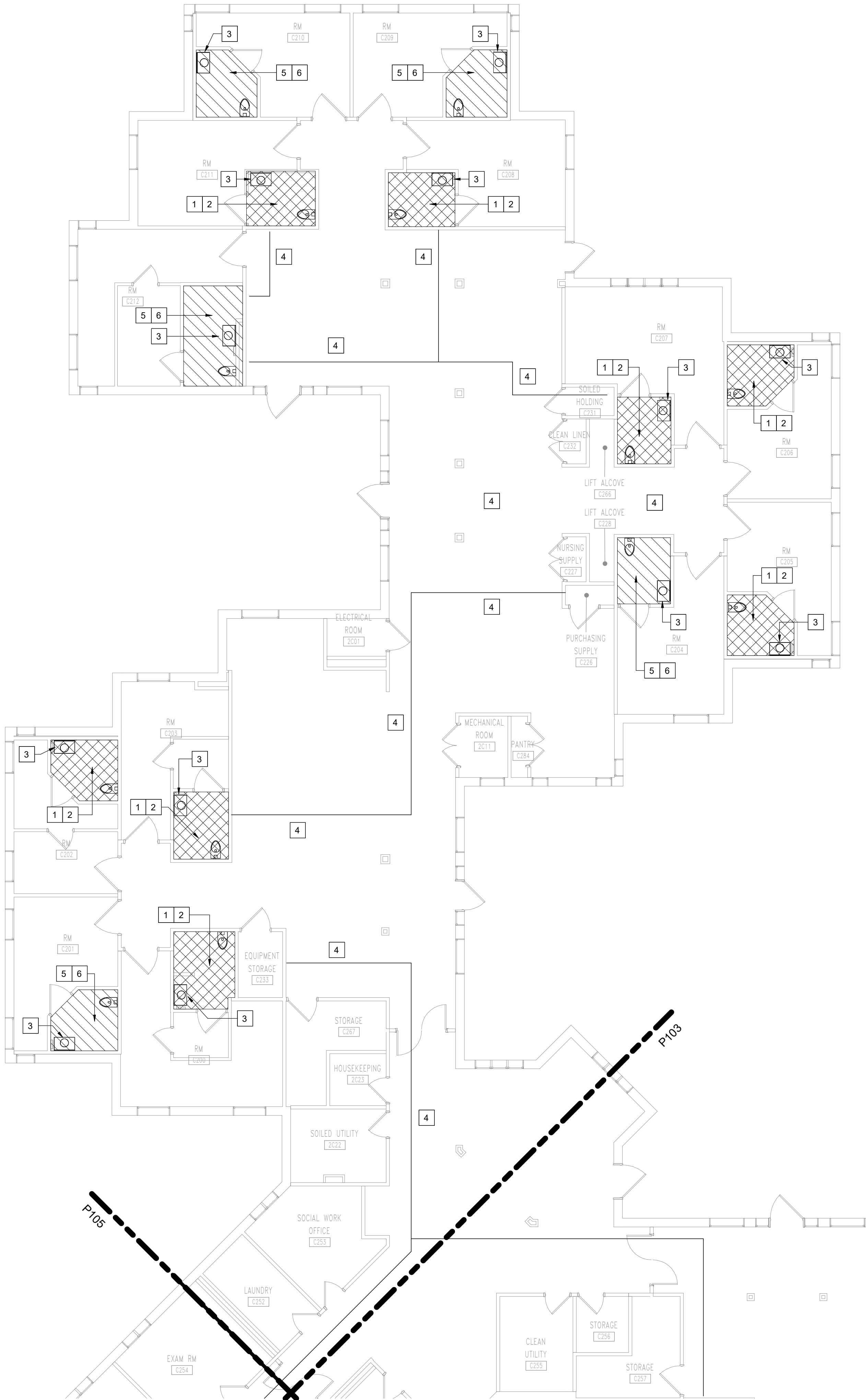
CAD DWG FILE: _____
DRAWN BY: DSB
CHECKED BY: AH
DESIGNED BY: DSB

SHEET TITLE:
PLUMBING
OVERALL FLOOR
PLAN

SHEET NUMBER:

P101

30 OF 42 SHEETS
06/26/2026



1 PLUMBING - LEVEL 1 - AREA A
1/8" = 1'-0"

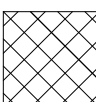
PLUMBING SHEET NOTES

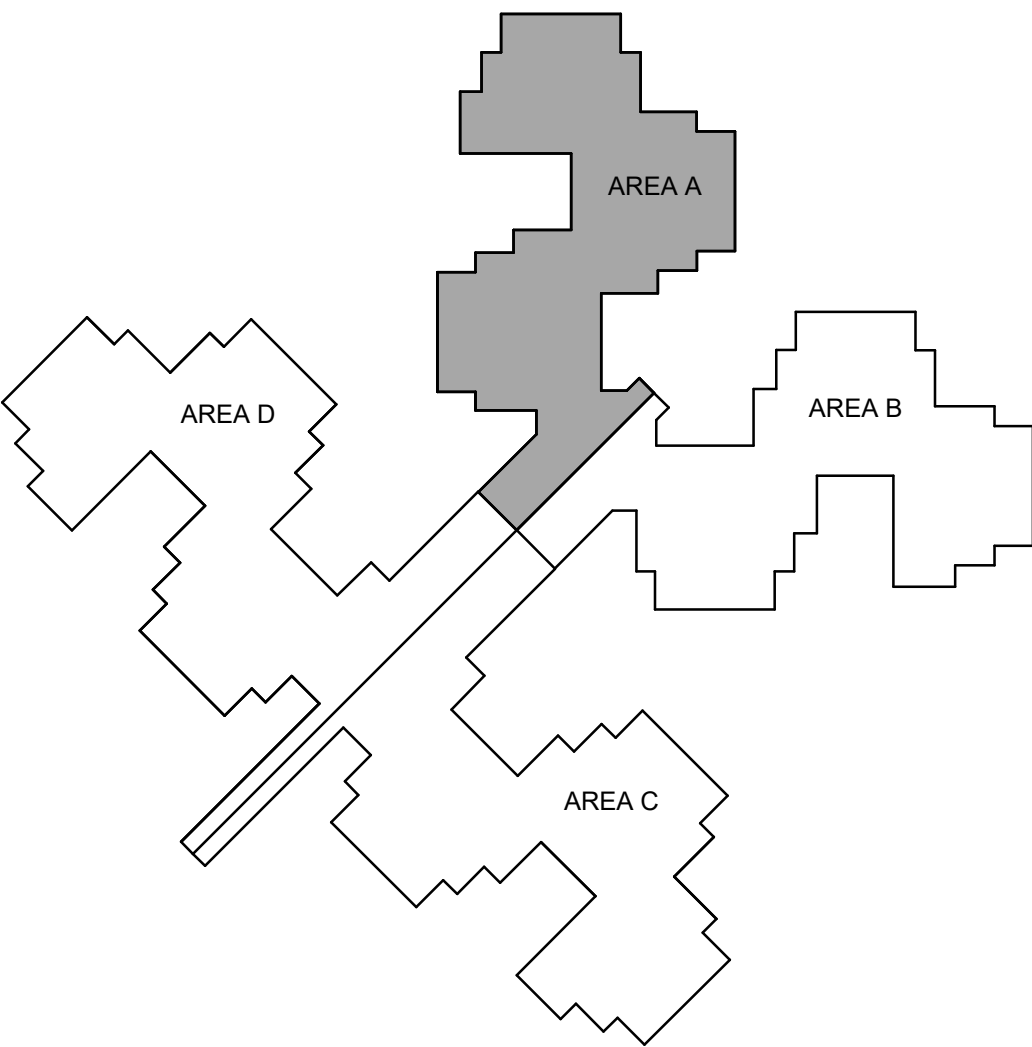
1. REFER TO ARCHITECTURAL PLANS FOR DETAILED LAYOUTS OF THE RESTROOMS.
2. COORDINATE WITH NEW FLOOR LEVELS WHEN INSTALLING NEW FD'S AND REINSTALLING WC'S.
3. ENSURE ALL LAVS, SHOWERS AND WATER CLOSETS MEET ADA HEIGHTS. ADJUST IF NEW FLOOR LEVEL PUTS THEM OUT OF TOLERANCE.
4. REFER TO SHEETS P102, P103, P104 AND P105 FOR NEW WORK FOR THIS PROJECT.

SHEET KEYED NOTES:

1. INSTALL NEW FD, JAY R. SMITH #2005 (NO SUBSTITUTIONS ALLOWED), TO REPLACE FD'S REMOVED DURING DEMOLITION PHASE. SEAL WATERTIGHT AND ENSURE ALL DRAIN CORRECTLY. REFER TO ARCHITECTURAL SHEETS FOR DELINEATION OF BASE BID AND ALTERNATE 1 RESTROOMS. (BASE BID) REFER TO DETAILS 2 & 3/ P101.
2. REINSTALL WC'S BEING SALVAGED FROM DEMOLITION PHASE AND ENSURE EACH IS IN PERFECT WORKING ORDER. (BASE BID)
3. ALTERNATE 1: COMPLETE ADA TRAP WRAP UNDER EACH LAV. MISSING ON SUPPLY LINES AND UNDER COUNTER TMV. INSTALL TRUEBRO TRAP WRAP OR APPROVED EQUAL. CHECK FOR CROSS-CONNECTIONS AND RECONNECT TO THE CORRECT SIDES IF CROSS-CONNECTION PRESENT.
4. ALTERNATE 2: CONTRACTOR TO INSPECT THE CORRIDORS FOR ALL PIPES ON PIPE HANGERS, EITHER MAIN LINES OR BRANCHES, THAT DO NOT HAVE INSULATION AT THE SADDLES. COMPLETE INSULATION AT ALL INSTANCES THAT ARE MISSING INSULATION. LINES SHOWN ARE REPRESENTATION OF MAIN PATHS.
5. INSTALL NEW FD, JAY R. SMITH #2005 (NO SUBSTITUTIONS ALLOWED), TO REPLACE FD'S REMOVED DURING DEMOLITION PHASE. SEAL WATERTIGHT AND ENSURE ALL DRAIN CORRECTLY. REFER TO ARCHITECTURAL SHEETS FOR DELINEATION OF BASE BID AND ALTERNATE 1 RESTROOMS. (ALTERNATE 1)
6. REINSTALL WC'S BEING SALVAGED FROM DEMOLITION PHASE AND ENSURE EACH IS IN PERFECT WORKING ORDER. (ALTERNATE 1)

BASE BID - ALTERNATE BID #1:

-  HATCHING REPRESENTS RESTROOMS UNDER BASE BID.
-  HATCHING REPRESENTS RESTROOMS UNDER ALTERNATE BID #1.



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PROJECT # 162_26 MO01

SITE # 7356

FACILITY # 6517356071

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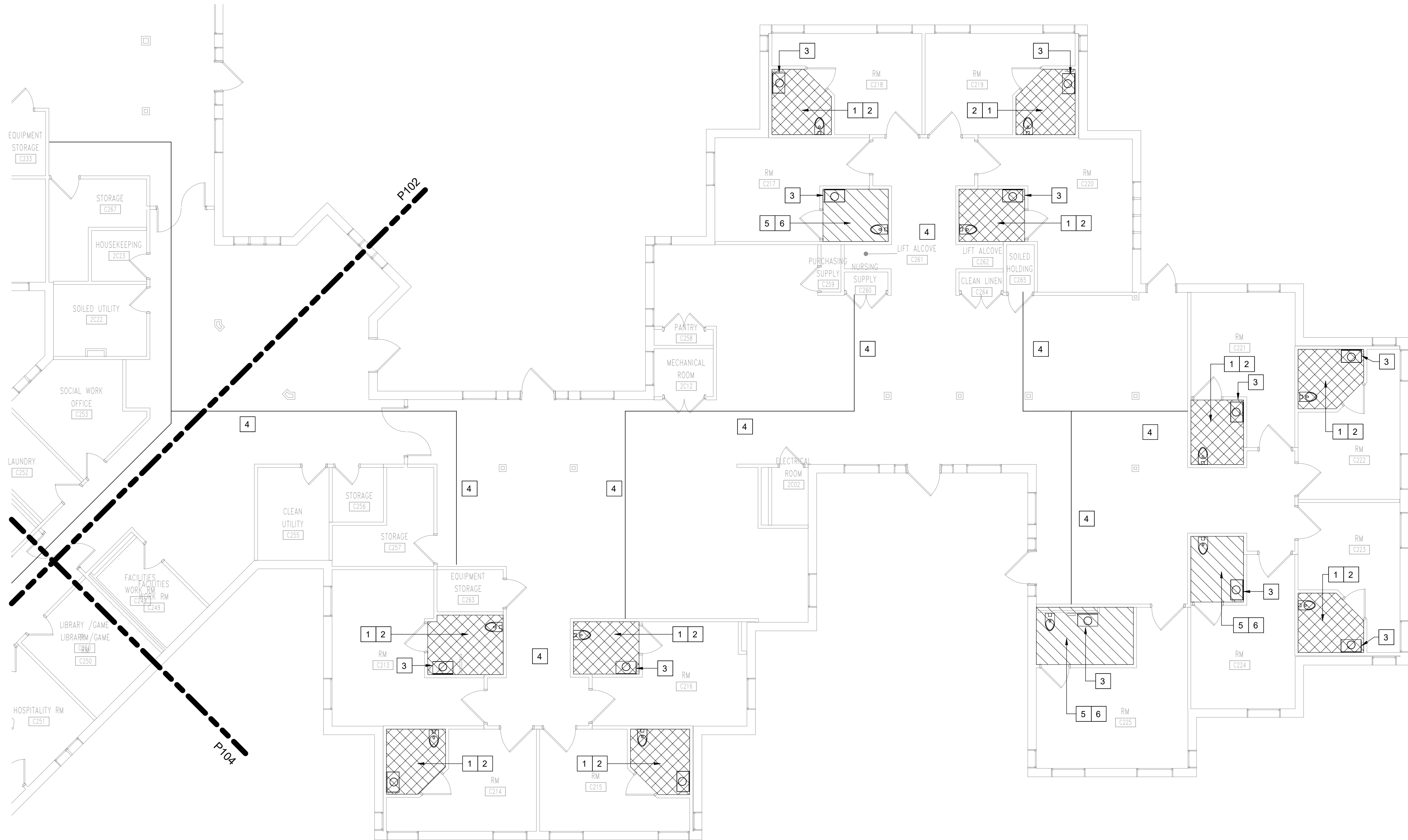
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DRAWN BY: DSB
CHECKED BY: AH
DESIGNED BY: DSB

SHEET TITLE:
PLUMBING FLOOR
PLAN - AREA A

SHEET NUMBER:

P102

31 OF 42 SHEETS
06/26/2026



PLUMBING SHEET NOTES

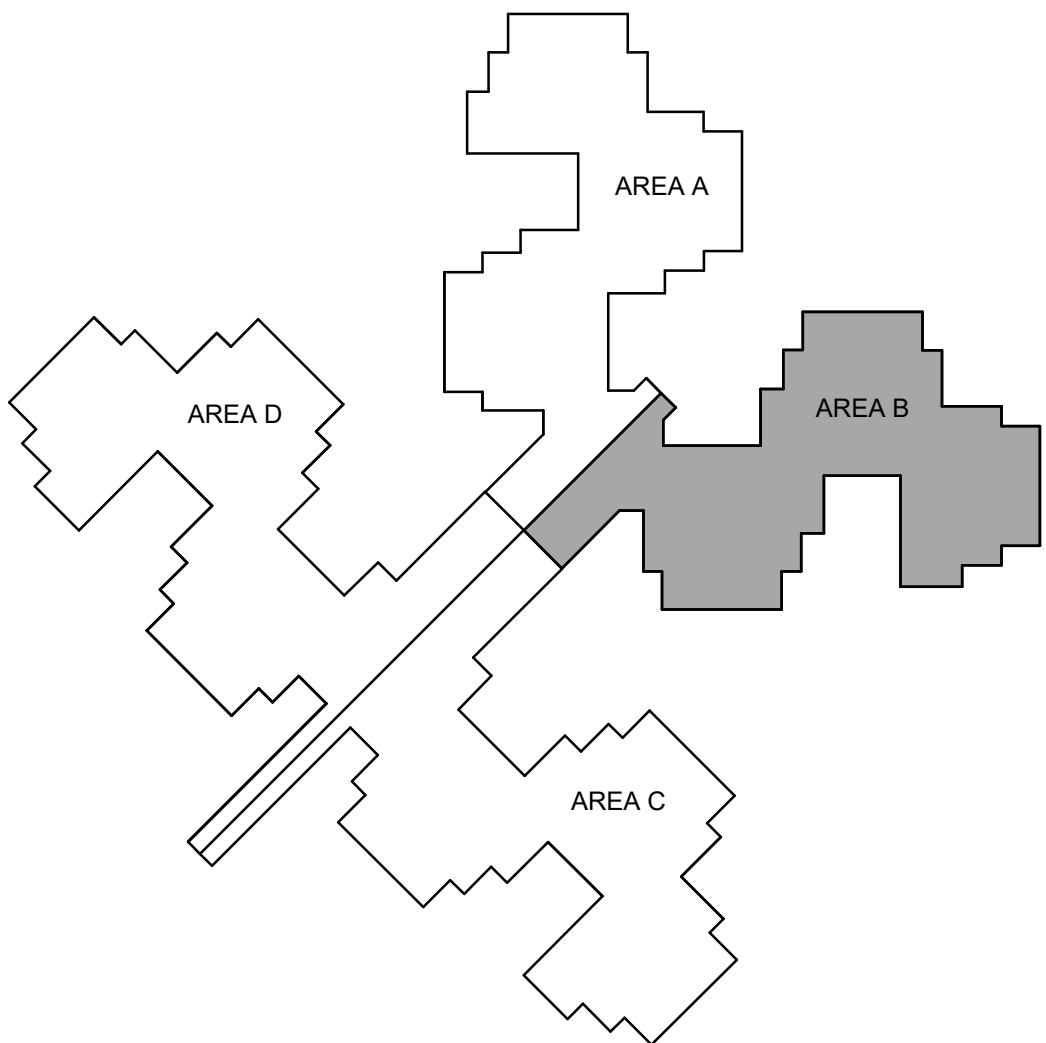
1. REFER TO ARCHITECTURAL PLANS FOR DETAILED LAYOUTS OF THE RESTROOMS.
2. COORDINATE WITH NEW FLOOR LEVELS WHEN INSTALLING NEW FD'S AND REINSTALLING W/C'S.
3. ENSURE ALL LAV'S, SHOWERS AND WATER CLOSETS MEET ADA HEIGHTS. ADJUST IF NEW FLOOR LEVEL PUTS THEM OUT OF TOLERANCE.
4. REFER TO SHEETS P102, P103, P104 AND P105 FOR NEW WORK FOR THIS PROJECT.

SHEET KEYED NOTES:

- | # | |
|---|--|
| 1 | INSTALL NEW FD, JAY R. SMITH #2005 (NO SUBSTITUTIONS ALLOWED), TO REPLACE FD'S REMOVED DURING DEMOLITION PHASE. SEAL WATERTIGHT AND ENSURE ALL DRAIN CORRECTLY. REFER TO ARCHITECTURAL SHEETS FOR DELINEATION OF BASE BID AND ALTERNATE 1 RESTROOMS. (BASE BID) REFER TO DETAILS 2 & 3 / P101. |
| 2 | REINSTALL W/C'S BEING SALVAGED FROM DEMOLITION PHASE AND ENSURE EACH IS IN PERFECT WORKING ORDER. (BASE BID) |
| 3 | ALTERNATE 1: COMPLETE ADA TRAP WRAP UNDER EACH LAV. MISSING ON SUPPLY LINES AND UNDER COUNTER TMV. INSTALL TRUEBRO TRAP WRAP OR APPROVED EQUAL. CHECK FOR CROSS-CONNECTIONS AND RECONNECT TO THE CORRECT SIDES IF CROSS-CONNECTION PRESENT. |
| 4 | ALTERNATE 2: CONTRACTOR TO INSPECT THE CORRIDORS FOR ALL PIPES ON PIPE HANGERS, EITHER MAIN LINES OR BRANCHES, THAT DO NOT HAVE INSULATION AT THE SADDLES. COMPLETE INSULATION AT ALL INSTANCES THAT ARE MISSING INSULATION. LINES SHOWN ARE REPRESENTATION OF MAIN PATHS. |
| 5 | INSTALL NEW FD, JAY R. SMITH #2005 (NO SUBSTITUTIONS ALLOWED), TO REPLACE FD'S REMOVED DURING DEMOLITION PHASE. SEAL WATERTIGHT AND ENSURE ALL DRAIN CORRECTLY. REFER TO ARCHITECTURAL SHEETS FOR DELINEATION OF BASE BID AND ALTERNATE 1 RESTROOMS. (ALTERNATE 1) |
| 6 | REINSTALL W/C'S BEING SALVAGED FROM DEMOLITION PHASE AND ENSURE EACH IS IN PERFECT WORKING ORDER. (ALTERNATE 1) |

BASE BID - ALTERNATE BID #1:

- | | |
|--|---|
| | HATCHING REPRESENTS RESTROOMS UNDER BASE BID. |
| | HATCHING REPRESENTS RESTROOMS UNDER ALTERNATE BID #1. |



STATE OF MISSOURI
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PROJECT # 162_26 MO01

SITE # 7356

FACILITY # 6517356071

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DATE: _____
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DATE: _____

ISSUE DATE: 06/26/2026

CAD DWG FILE: _____
DRAWN BY: DSB
CHECKED BY: AH
DESIGNED BY: DSB

SHEET TITLE:
**PLUMBING FLOOR
PLAN - AREA B**

SHEET NUMBER:

P103

32 OF 42 SHEETS
06/26/2026



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CAD DWG FILE:
DRAWN BY: DSB
CHECKED BY: AH
DESIGNED BY: DSB

SHEET TITLE:
PLUMBING FLOOR
PLAN - AREA C

SHEET NUMBER:

P104

33 OF 42 SHEETS
06/26/2026

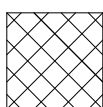
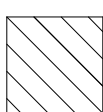
PLUMBING SHEET NOTES

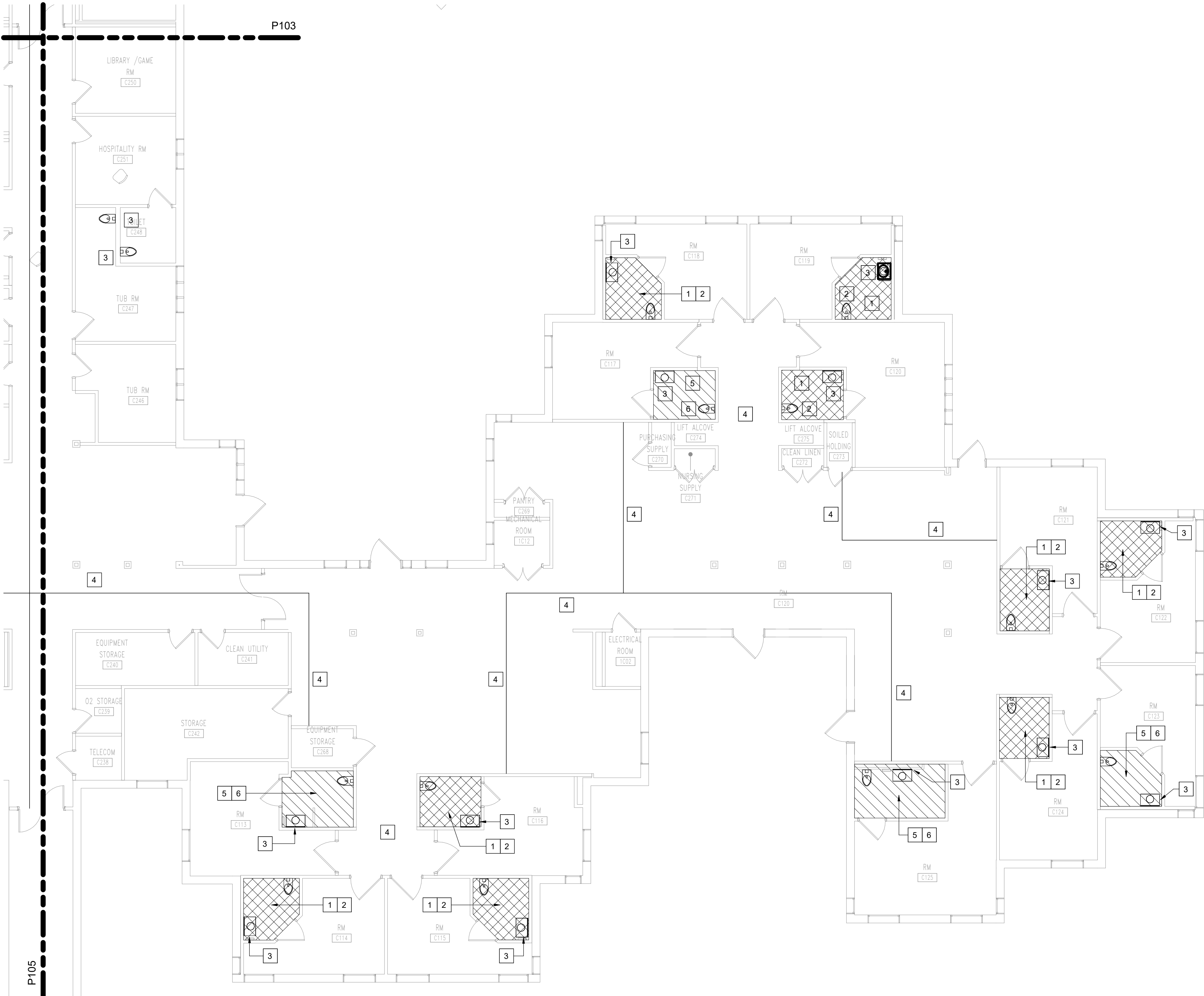
1. REFER TO ARCHITECTURAL PLANS FOR DETAILED LAYOUTS OF THE RESTROOMS.
2. COORDINATE WITH NEW FLOOR LEVELS WHEN INSTALLING NEW FD'S AND REINSTALLING WC'S.
3. ENSURE ALL LAV'S, SHOWERS AND WATER CLOSETS MEET ADA HEIGHTS. ADJUST IF NEW FLOOR LEVEL PUTS THEM OUT OF TOLERANCE.
4. REFER TO SHEETS P102, P103, P104 AND P105 FOR NEW WORK FOR THIS PROJECT.

SHEET KEYED NOTES:

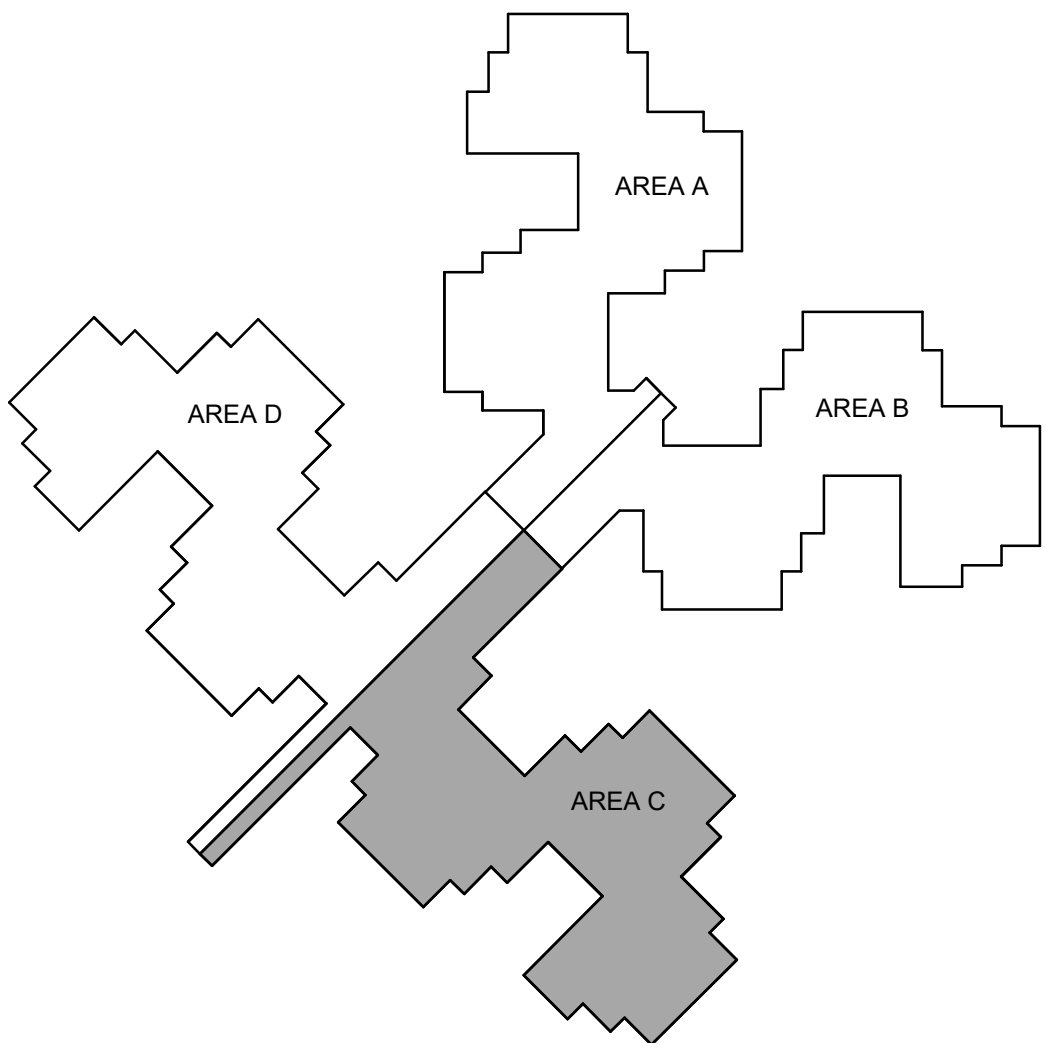
1. INSTALL NEW FD, JAY R. SMITH #2005 (NO SUBSTITUTIONS ALLOWED), TO REPLACE FD'S REMOVED DURING DEMOLITION PHASE. SEAL WATERTIGHT AND ENSURE ALL DRAIN CORRECTLY. REFER TO ARCHITECTURAL SHEETS FOR DELINEATION OF BASE BID AND ALTERNATE 1 RESTROOMS. (BASE BID) REFER TO DETAILS 2 & 3 / P101.
2. REINSTALL WC'S BEING SALVAGED FROM DEMOLITION PHASE AND ENSURE EACH IS IN PERFECT WORKING ORDER. (BASE BID)
3. ALTERNATE 1: COMPLETE ADA TRAP WRAP UNDER EACH LAV. MISSING ON SUPPLY LINES AND UNDER COUNTER TMV. INSTALL TRUEBRO TRAP WRAP OR APPROVED EQUAL. CHECK FOR CROSS-CONNECTIONS AND RECONNECT TO THE CORRECT SIDES IF CROSS-CONNECTION PRESENT.
4. ALTERNATE 2: CONTRACTOR TO INSPECT THE CORRIDORS FOR ALL PIPES ON PIPE HANGERS. EITHER MAIN LINES OR BRANCHES. THAT DO NOT HAVE INSULATION AT THE SADDLES. COMPLETE INSULATION AT ALL INSTANCES THAT ARE MISSING INSULATION. LINES SHOWN ARE REPRESENTATION OF MAIN PATHS.
5. INSTALL NEW FD, JAY R. SMITH #2005 (NO SUBSTITUTIONS ALLOWED), TO REPLACE FD'S REMOVED DURING DEMOLITION PHASE. SEAL WATERTIGHT AND ENSURE ALL DRAIN CORRECTLY. REFER TO ARCHITECTURAL SHEETS FOR DELINEATION OF BASE BID AND ALTERNATE 1 RESTROOMS. (ALTERNATE 1)
6. REINSTALL WC'S BEING SALVAGED FROM DEMOLITION PHASE AND ENSURE EACH IS IN PERFECT WORKING ORDER. (ALTERNATE 1)

BASE BID - ALTERNATE BID #1:

-  HATCHING REPRESENTS RESTROOMS UNDER BASE BID.
-  HATCHING REPRESENTS RESTROOMS UNDER ALTERNATE BID #1.



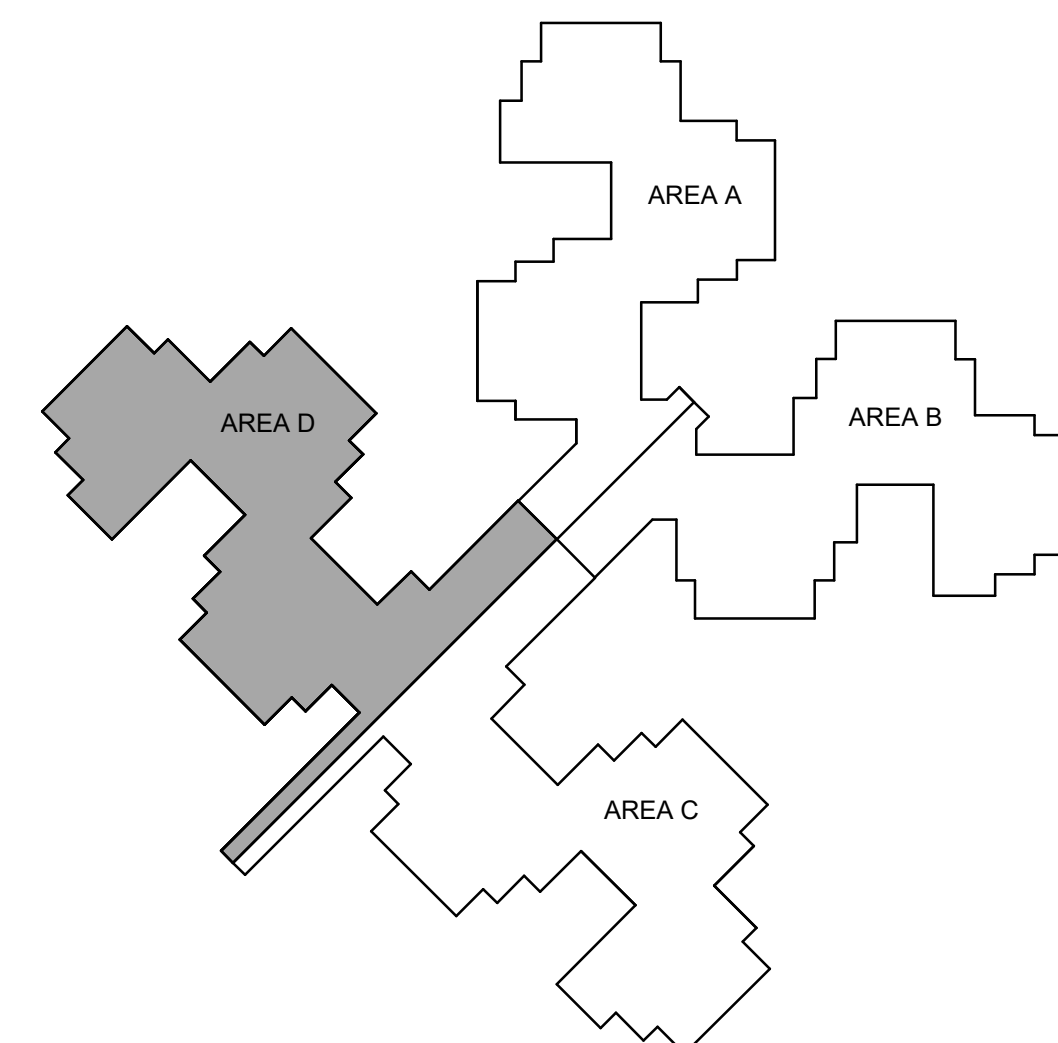
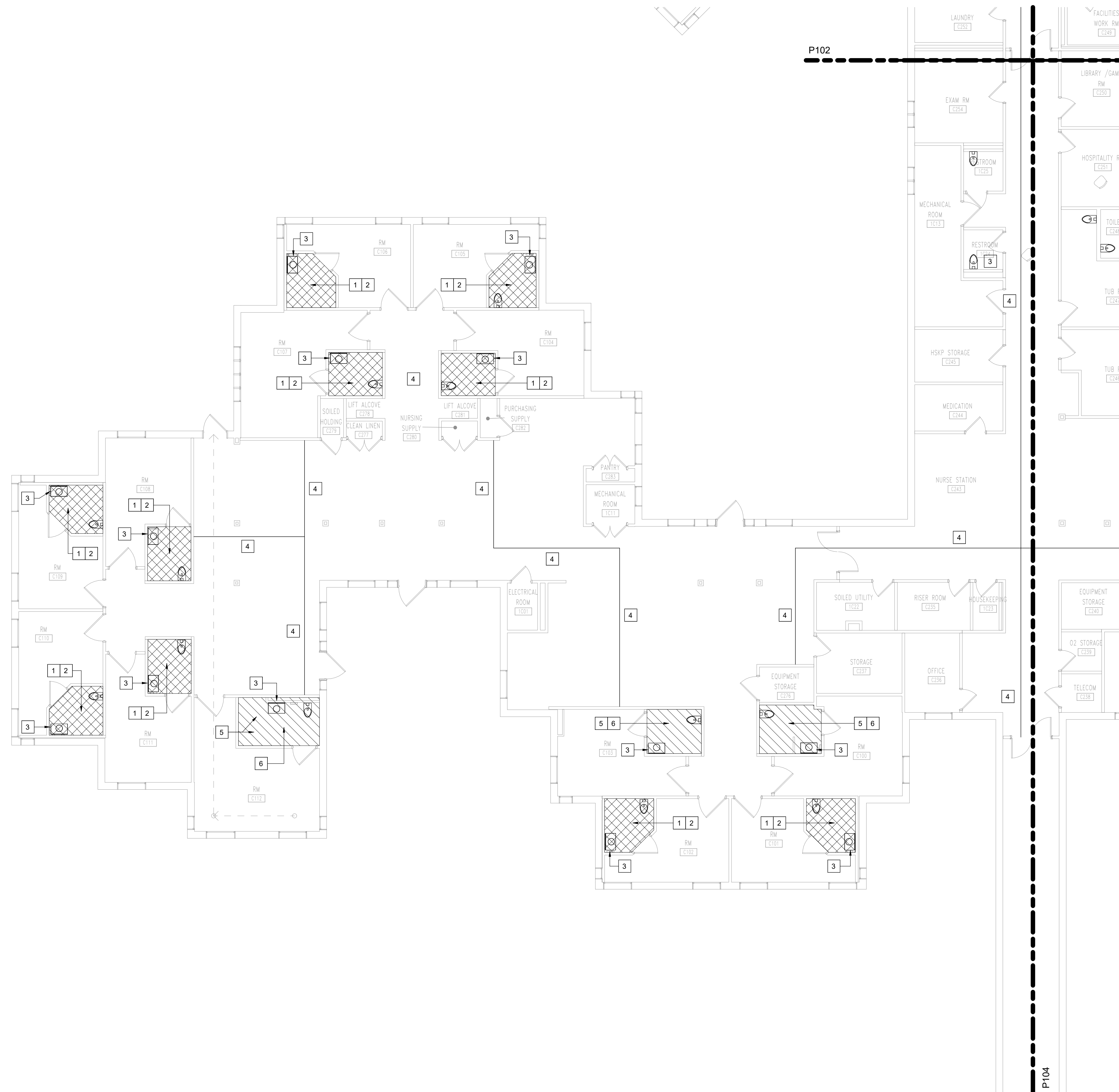
1 PLUMBING - LEVEL 1 - AREA C
1/8" = 1'-0"



Oculus Inc. 



P105



1 PLUMBING - LEVEL 1 - AREA D
1/8" = 1'-0"



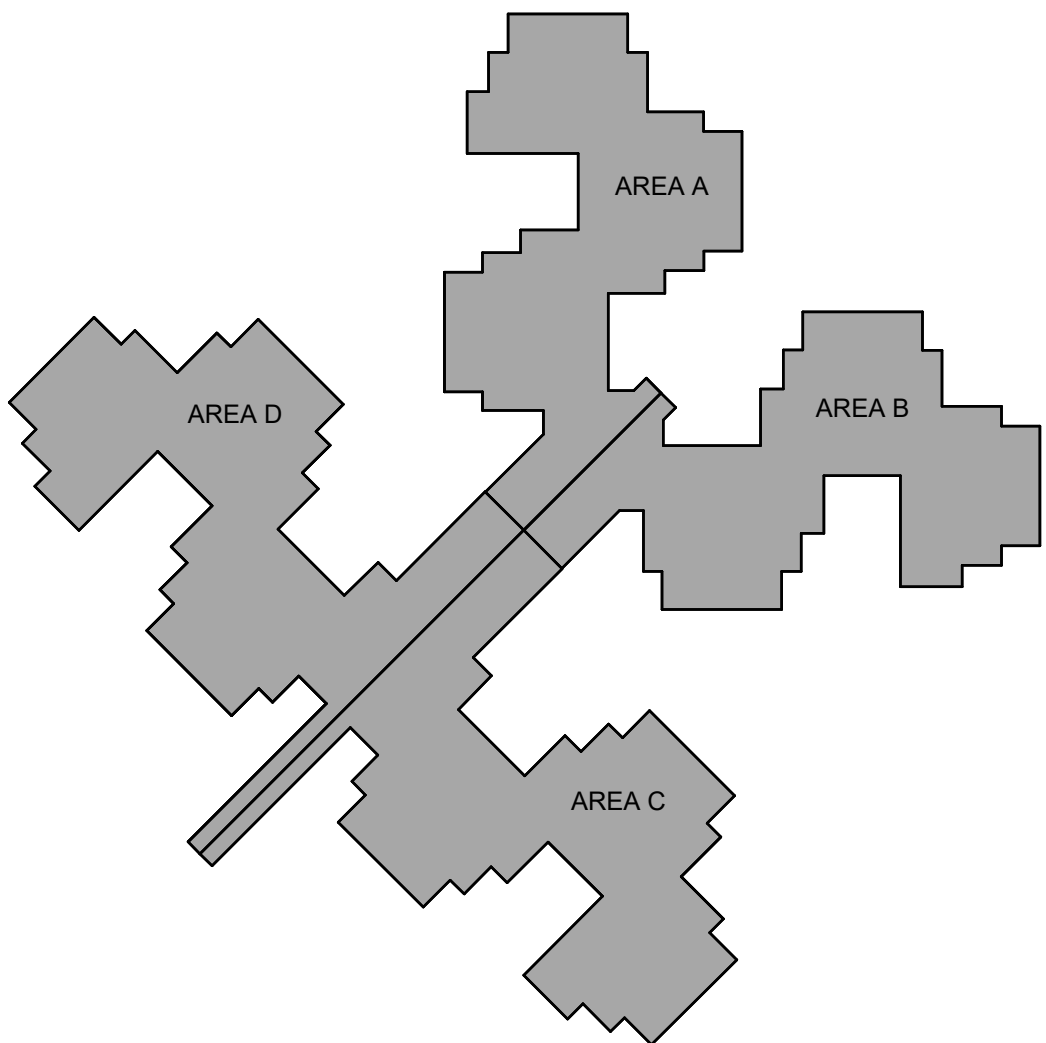
1 MECHANICAL - LEVEL 1 - OVERALL
1/16" = 1'-0"

MECHANICAL SHEET NOTES

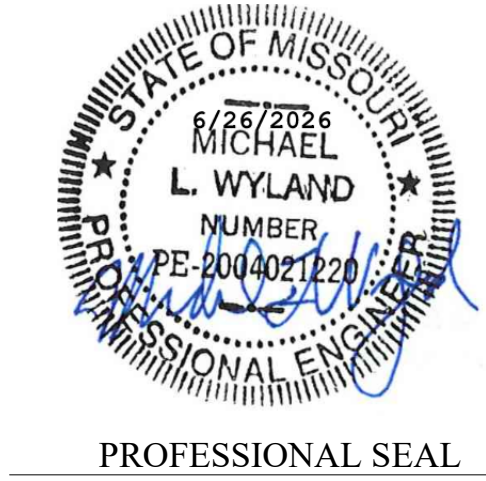
1. LOCATION OF MECHANICAL EQUIPMENT AND PIPING ARE APPROXIMATE.
2. FOR EACH FAN COIL UNIT, PROVIDE AN OPERATIONAL TEST TO VERIFY PROPER MOTOR ROTATION AND UNIT OPERATION. REPLACE DAMAGED AND MALFUNCTIONING CONTROLS AND EQUIPMENT. REFER TO SPEC 238239 FOR ADDITIONAL INFORMATION ON ANNUAL START UP CHECKLIST.
3. PREPARE MAINTENANCE MANUALS FOR THE FOLLOWING EQUIPMENT. INCLUDE THE FOLLOWING INFORMATION FOR EQUIPMENT ITEMS:
 - A. DESCRIPTION OF FUNCTION, NORMAL OPERATING CHARACTERISTICS AND LIMITATIONS, PERFORMANCE CURVES, ENGINEERING DATA AND TESTS, AND COMPLETE NOMENCLATURE AND COMMERCIAL NUMBERS OF REPLACEMENT PARTS.
 - B. MANUFACTURER'S PRINTED OPERATING PROCEDURES TO INCLUDE START UP, BREAK IN, AND ROUTINE AND NORMAL OPERATING INSTRUCTIONS, REGULATIONS, CONTROL, STOPPING, SHUTDOWN, AND EMERGENCY INSTRUCTIONS; AND SUMMER AND WINTER OPERATING INSTRUCTIONS.
 - C. MAINTENANCE PROCEDURES FOR ROUTINE PREVENTATIVE MAINTENANCE AND TROUBLESHOOTING; DISASSEMBLY, REPAIR, AND REASSEMBLY; ALIGNING AND ADJUSTING INSTRUCTIONS.
 - D. SERVICING INSTRUCTIONS AND LUBRICATION CHARTS AND SCHEDULES.
4. CONTROLS: EXISTING CONTROLS SYSTEM IS BY SCHNEIDER ELECTRIC (C&C GROUP). PROVIDE CONTROLS THAT CAN MONITOR THE RADIANT PANELS AND ASSOCIATED SPACE TEMPERATURE SENSOR AND PROGRAMMED TO CONTROL MECHANICAL SYSTEMS.

SHEET KEYED NOTES:

- 1 BASE: EXISTING VERTICAL FAN COIL UNIT TO BE EVALUATED FOR FUNCTIONALITY (REPAIR AS NECESSARY FOR OPERATION AND COMPLETE MANUFACTURER'S START UP PROCEDURES) AND ENSURE COVER PANELS ARE COMPLETELY INSTALLED.
- 2 BASE: EXISTING HORIZONTAL FAN COIL UNIT TO BE EVALUATED FOR FUNCTIONALITY (REPAIR AS NECESSARY FOR OPERATION AND COMPLETE MANUFACTURER'S START UP PROCEDURES) AND ENSURE COVER PANELS ARE COMPLETELY INSTALLED.
- 3 BASE: INSTALL 12x12 RETURN TRANSFER BOOT WITH SMOKE DAMPER AT THE WALL PENETRATION. SEE DETAILS ON SHEET M500.
- 4 BASE: EXISTING RADIANT PANEL TO BE CONNECTED TO EXISTING BMS.
- 5 ALTERNATE 2: ALL CHILLED AND HOT WATER PIPING TO BE EVALUATED FOR INSULATION TO BE COMPLETELY INSTALLED THROUGH PIPE HANGERS. INSTALL HANGER SHIELD INSERT AT EXISTING HANGER AND REPAIR INSULATION. DO THIS FOR ALL MECH PIPING MAINS IN COORIDOR (200 INDIVIDUAL PIPE LOCATIONS) PROVIDE UNIT PRICE TO FIX BEYOND 200 PIPES.



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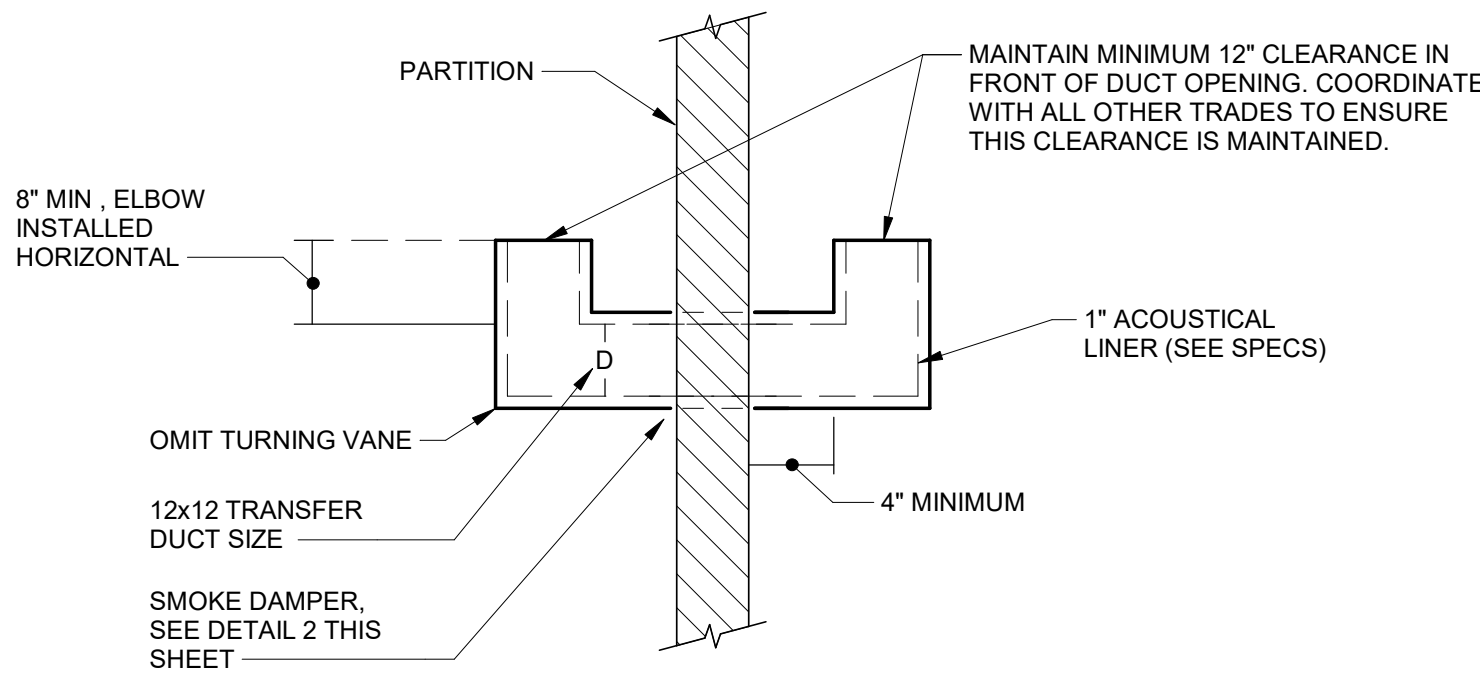
CAD DWG FILE: _____
DRAWN BY: JNP
CHECKED BY: MW
DESIGNED BY: JNP

SHEET TITLE:
MECHANICAL
OVERALL FLOOR
PLAN

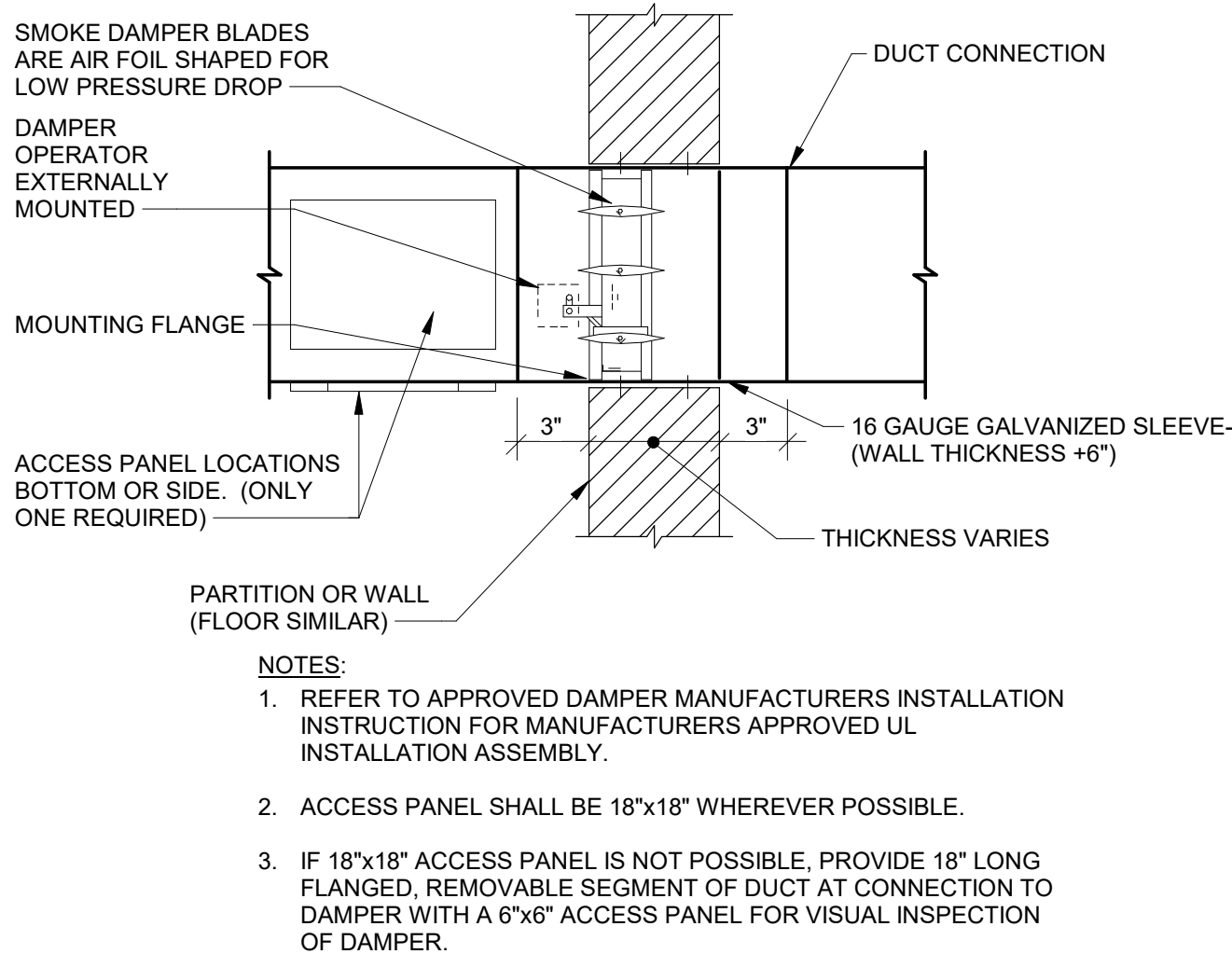
SHEET NUMBER:

M101

36 OF 42 SHEETS
06/26/2026



1 RETURN AIR TRANSFER BOOT
NTS



2 SMOKE DAMPER INSTALLATION DETAIL
NTS

RADIANT PANEL SEQUENCE OF OPERATION

MODE OF OPERATION
THE RADIANT PANEL MODE OF OPERATION SHALL BE OCCUPIED OR UNOCCUPIED BASED ON A SCHEDULE COMMUNICATED FROM THE BMS OR AN OPERATOR OVERRIDE COMMAND FROM THE BMS.

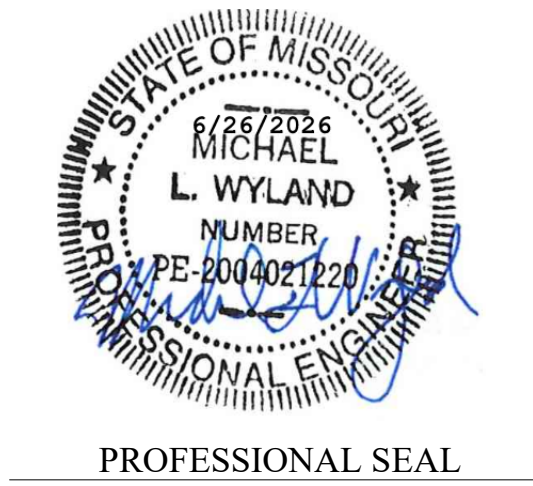
OCCUPIED MODE: ON A DROP IN ROOM TEMPERATURE BELOW THE HEATING SETPOINT, THE RADIANT PANEL SHALL BE ENGAGED. UPON A RISE IN ROOM TEMPERATURE ABOVE THE HEATING SETPOINT, THE RADIANT PANEL SHALL BE DISENGAGED. THE SPACE HEATING SETPOINT SHALL BE EQUAL TO THE SPACE TEMPERATURE SETPOINT MINUS 2.5°F.

UNOCCUPIED MODE: ON A DROP IN ROOM TEMPERATURE BELOW THE HEATING SETPOINT, THE RADIANT PANEL SHALL BE ENGAGED. UPON A RISE IN ROOM TEMPERATURE ABOVE THE HEATING SETPOINT, THE RADIANT PANEL SHALL BE DISENGAGED. THE UNOCCUPIED SPACE TEMPERATURE SETPOINTS SHALL BE 65°F SPACE HEATING SETPOINT.

SETPOINTS AND PARAMETERS: ALL CONTROL BANDS, SETPOINTS, SETPOINT LIMITS, SETPOINT INCREMENT VALUES, SETPOINT DECREMENT VALUES, TIME DELAYS, AND OTHER PARAMETERS SHALL BE ADJUSTABLE FROM THE BMS. ALL PARAMETERS SHALL BE COMMISSIONED BY THE BMS CONTRACTOR TO PROVIDE STABLE CONTROL OF ALL SYSTEMS.

ALARM MONITORING:
AN ALARM WILL BE GENERATED AT THE BMS IF ANY OF THE FOLLOWING OCCUR:
1.HIGH SPACE TEMPERATURE ALARM
2.LOW SPACE TEMPERATURE ALARM

STATE OF MISSOURI
MICHAEL L. PARSON,
GOVERNOR



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MANAGEMENT,
DESIGN AND
CONSTRUCTION

DEPARTMENT OF MENTAL
HEALTH

STATE OF MISSOURI
VETERAN'S HOME

10600 LEWIS AND
CLARK BLVD
ST. LOUIS, MO 63136

PROJECT # 162_26 MO01

SITE # 7356

FACILITY # 6517356071

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 06/26/2026

CAD DWG FILE: _____
DRAWN BY: JNP
CHECKED BY: MW
DESIGNED BY: JNP

SHEET TITLE:
DETAILS

SHEET NUMBER:
M500
37 OF 42 SHEETS
06/26/2026

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DESIGN AND
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STATE OF MISSOURI
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CHECKED BY: SKJ

DESIGNED BY: SKJ

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18 OF 42 SHEETS

06/26/2026

PLAN DETAIL REFERENCE TITLE
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_____ EXISTING TO REMAIN OR NEW WORK BY OTHERS
(LIGHT, SOLID LINE)

_____ NEW WORK BY THIS CONTRACTOR
(DARK, SOLID LINE)

— — — — — EXISTING TO BE REMOVED BY THIS CONTRACTOR
(DARK, DASHED LINE, DEMOLITION PLANS)

Sheet Number	Sheet Name
FP000	FIRE PROTECTION SYMBOLS AND ABBREVIATIONS
FP101	FIRE PROTECTION FLOOR PLAN - AREA A
FP102	FIRE PROTECTION FLOOR PLAN - AREA B
FP103	FIRE PROTECTION FLOOR PLAN - AREA C
FP104	FIRE PROTECTION FLOOR PLAN - AREA D
FP500	FIRE PROTECTION DETAILS

1. PROTECT PIPING WHICH IS NOT TO BE REMOVED FROM DAMAGE, DIRT AND DEBRIS.
2. ALL FIRE EQUIPMENT AND MATERIALS NOT CLAIMED BY THE OWNER SHALL BE REMOVED FROM THE PREMISES AND PROPERLY DISPOSED OF BY THE DEMOLITION CONTRACTOR.
3. THE CONTRACTOR SHALL PLUG OR CAP ALL PIPING OUTLETS NOT INTENDED FOR REUSE.
4. CEILING REMOVAL, STORAGE, AND REPLACEMENT WILL BE MADE BY THE CONTRACTOR AND IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO REPAIR THE EXISTING SURFACES TO REMAIN WHERE THEIR WORK HAS BEEN COMPLETED. REPAIR INCLUDES BUT SHALL NOT BE LIMITED TO, ANY EXISTING WALL, CEILING, OR FLOOR THAT IS SCHEDULED TO REMAIN. REPAIR, PAINTING, AND PATCHING SHALL BE COMPLETED BY AN APPROPRIATE CONTRACTOR QUALIFIED FOR THIS TYPE OF WORK.
5. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, THE CONTRACTOR WILL NOTIFY BUILDING OWNER OF THE HAZARDOUS MATERIAL.
6. ARCHITECTURAL DEMOLITION DRAWINGS AND SPECIFICATIONS SHALL BE READ IN CONJUNCTION WITH THESE DRAWINGS.
7. THE CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH PROJECT'S PHASING SCHEDULE PRIOR TO ANY WORK.

1. MATERIALS: USE ONLY FIRE STOP PRODUCTS THAT HAVE BEEN UL 1479, ASTM E-814, OR UL 2079 TESTED FOR SPECIFIC FIRE RATE CONSTRUCTION CONDITIONS CONFIRMING CONSTRUCTION ASSEMBLY TYPE, PENETRATING ITEM TYPE, ANNUAL SPACE REQUIREMENTS, AND FIRE RATING INVOLVED FOR EACH SEPARATE INSTANCE.
2. FOR SINGLE PENETRATIONS: A READY-TO-USE LATEX BASED INTUMESCENT SEALANT IS REQUIRED TO MAINTAIN THE FIRE RATING OF THE ASSEMBLY PENETRATED. THE SEALANT MUST HAVE UL LISTING FOR BOTH SLEEVED AND NON-SLEEVED APPLICATIONS.
3. FOR LARGE OPENINGS: CONTAINING MULTIPLE PENETRATIONS (2 OR MORE), A READY-TO-USE FOAM INTUMESCENT BLOCK MATERIAL MUST BE ABLE TO BE REMOVED AND REINSTALLED WITHOUT COMPROMISING FIRE PROTECTION INTEGRITY. COMPLY WITH MANUFACTURER'S RECOMMENDED PROCEDURES AND PRECAUTIONS. DO NOT USE DAMAGED OR EXPIRED MATERIALS.
4. MANUFACTURERS: JOHNS MANVILLE INTERNATIONAL, 3M BRAND, CSD SEALING SYSTEMS, HILTI, CIBA-GEIGY, HEAVY-DUTY NEALSON, REFER TO DIVISION 7 FOR FURTHER REQUIREMENTS.

FIRE WATCH
BUILDING AND OCCUPANT SAFETY - INTERRUPTION OF FIRE PROTECTION SERVICE

FIRE WATCH

BUILDING AND OCCUPANT SAFETY - INTERRUPTION OF FIRE PROTECTION SERVICE

1. DURING THE TIME THAT FIRE PROTECTION RENOVATION WORK IS BEING PERFORMED, AND THE FIRE PROTECTION SYSTEM IS DOWN AND OUT OF COMMISSION, THE FIRE PROTECTION CONTRACTOR SHALL HAVE SUFFICIENT PERSONNEL ONSITE TO KEEP A "FIRE WATCH" ON THE FACILITY.
2. A FIRE PROTECTION WATCH IS IMPLEMENTED TO ENSURE THE FIRE SAFETY OF A BUILDING IN THE EVENT OF ANY ACT, OR SITUATION INSTIGATING AN INCREASED RISK TO PERSONS OR PROPERTY. THE TERM "FIRE WATCH" IS USED TO DESCRIBE A DEDICATED PERSON OR PERSONS WHOSE SOLE RESPONSIBILITY IS TO LOOK FOR FIRES WITHIN AN ESTABLISHED AREA.
3. IN THE OPINION OF THE FIRE AND LIFE-SAFETY GROUP (FLS) OR FM GLOBAL (FM), ANY REQUIRED FIRE PROTECTION SYSTEM THAT IS OUT OF SERVICE FOR MORE THAN 4 HOURS AND OCCUPIED IS REQUIRED TO ESTABLISH A FIRE WATCH. FOR THE PERSON OR PERSONS ASSIGNED TO THE FIRE WATCH, THIS MUST BE THEIR ONLY JOB DUTY DURING THE TIME PERIOD OF THE FIRE PROTECTION RENOVATION WORK.
4. IN ADDITION, THE BUILDING OWNER IS REQUIRED TO HAVE AN IMPAIRMENT COORDINATOR, THE OUT OF SERVICE EQUIPMENT MUST BE TAGGED 'OUT OF SERVICE'. AN OUT OF SERVICE TAG MUST BE PLACED AT THE FIRE ALARM PANEL AND THE FIRE DEPARTMENT CONNECTION (REFERENCE INTERNATIONAL FIRE CODE- CHAPTER 9, SECTION 901.7).
5. FIRE WATCH PERSONNEL ARE TO KEEP WATCH FOR FIRES IN THE GENERAL AREA OF PERFORMANCE. THE PERSONS PERFORMING THE FIRE WATCH ARE NOT PERMITTED TO PERFORM ANY OTHER DUTIES.
6. FIRE WATCH PERSONNEL ARE TO HAVE FIRE EXTINGUISHING EQUIPMENT READILY AVAILABLE AND TO BE TRAINED IN ITS USE.
7. THE QUANTITY OF PERSONNEL INVOLVED IN THE FIRE WATCH IS TO BE ADEQUATE SUCH THAT EACH FLOOR, LEVEL, AND ROOM OF THE FIRE AREA IS COVERED.
8. IN GENERAL, A FIRE WATCH IS TO FULFILL THE INTENT OF NFPA-72 AS FOLLOWS:
 - A. NOTIFY OCCUPANTS TO EVACUATE WHEN THERE IS A FIRE IN THE BUILDING.
 - B. NOTIFY THE CENTRAL MONITORING STATION TO INITIATE EMERGENCY PERSONNEL RESPONSES.
 - C. ACTIVATE FIRE PROTECTION SYSTEMS IN ORDER TO RELEASE DOOR HOLDERS, CLOSE SMOKE DAMPERS AND SHUT DOWN FANS.
9. IF BUILDING OCCUPANTS ASSIST WITH FIRE WATCH DUTIES, THE PROCEDURES FOR CONTACTING EMERGENCY PERSONNEL AND EVACUATING THE BUILDING ARE TO BE DISTRIBUTED TO BUILDING OCCUPANTS. FOR PLANNED OUTAGES, THE PROCEDURES ARE TO BE SENT OUT TO THE BUILDING OWNER FOR DISTRIBUTION.

1. ALL WORK SHALL BE PERFORMED, INSTALLED, AND TESTED IN COMPLIANCE WITH THE CODES AND AMENDMENTS ADOPTED BY THE INSPECTION AUTHORITY. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR OTHERS APPLICABLE TO THIS PROJECT:

- A. 2016 - INTERNATIONAL FIRE CODE
- B. 2018 - INTERNATIONAL BUILDING CODE
- C. OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)
- D. NATIONAL FIRE PROTECTION ASSOCIATION EDITIONS
 - a. 2010 NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
 - b. 2010 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE
 - c. 2012 NFPA 99 - HEALTH CARE FACILITIES CODE
 - d. 2013 NFPA 101 - LIFE SAFETY CODE

2. THE WORK CONSISTS OF FURNISHING ALL LABOR AND MATERIALS NECESSARY TO INSTALL, COMPLETE AND READY CONTINUOUS OPERATION, THE FIRE PROTECTION SYSTEMS, APPARATUS AND EQUIPMENT FOR THIS PROJECT, AS SHOWN ON THE DRAWINGS, PLUS AS REQUIRED BY NFPA 13 AND THE AUTHORITY HAVING JURISDICTION (AHJ).

3. THE CONTRACTOR SHALL INCLUDE IN THEIR BID, A FULLY CODE COMPLIANT AND COORDINATED SPRINKLER SYSTEM. PROJECT SHALL BE DESIGNED, CONSTRUCTED, AND TESTED PER THE NFPA STANDARDS AND/OR FM GLOBAL REQUIREMENTS.

4. THESE DRAWINGS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, LOCATIONS, DEPTHS, ELEVATIONS AND SIZES WERE TAKEN FROM DIFFERENT SOURCES AND ARE SUBJECT TO DEVIATION. THE CONTRACTOR SHALL ASSUME SOME DEVIATIONS AND INCLUDE OFFSETS, ADDITIONAL PIPING, ETC AT THE TIME OF BID.

5. ALL SYSTEMS, EQUIPMENT, AND MATERIALS ARE TO BE INSTALLED IN A NEAT WORKMAN LIKE MANNER, WORK NOT DONE SO SHALL BE REMOVED AND REINSTALLED SATISFACTORILY.

6. THE FIRE PROTECTION BID IS A DESIGN/BUILD CONTRACT. BEFORE SUBMITTING THE BID, THE CONTRACTOR SHALL VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS AND VERIFY LOCATIONS, ELEVATIONS, AND SIZES OF ALL UTILITIES AT SITE PRIOR TO PROCEEDING WITH WORK. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ASSUMPTIONS, OMISSIONS, OR ERRORS MADE AS A RESULT OF THE FAILURE TO BECOME FULLY FAMILIAR WITH EXISTING CONDITIONS. EXISTING SYSTEMS AND STRUCTURE SHALL BE INVESTIGATED FOR BEST POSSIBLE ROUTING OF FIRE PROTECTION PIPING.

7. WHEN PLACING NEW SPRINKLERS AND ROUTING NEW SPRINKLER PIPING, CONTRACTOR SHALL VERIFY LOCATIONS OF POTENTIAL OBSTRUCTIONS FROM MECHANICAL EQUIPMENT AND ARCHITECTURAL FEATURES PRIOR TO BID AND PRICE ACCORDINGLY TO MAKE ALLOWANCES IN BID.

8. THE CONTRACTOR SHALL PERFORM A FLOW TEST PRIOR TO DESIGN AND SUBMITTAL OF THE HYDRAULICALLY CALCULATED SYSTEM. THE FLOW TEST SHALL NOT BE MORE THAN 12 MONTHS OLD FROM THE DATE OF CONSTRUCTION.

9. AT LEAST ONE HYDRAULIC CALCULATION SHALL BE PROVIDED PER SPRINKLER ZONE BASED ON THE CURRENT FLOW TEST. THE CALCULATION WILL INCLUDE HOSE ALLOWANCES AT THE BASE OF THE RISER PER NFPA 13 REQUIREMENTS BASED ON THE IDENTIFIED HAZARD. THERE WILL BE A 10% SAFETY ALLOWANCE PROVIDED FOR THE SPRINKLER SYSTEM BASED ON THE AVAILABLE PRESSURE AT THE SOURCE AND SYSTEM DEMAND. (10% OF THE SUM OF THE SPRINKLER DEMAND PLUS THE SAFETY FACTOR).

10. THE CONTRACTOR SHALL SUBMIT ALL DRAWINGS AND CALCULATIONS TO THE FIRE DEPARTMENT, GOVERNING AGENCIES, AND INSURING AGENCY AND RECEIVE APPROVAL PRIOR TO SUBMITTING DESIGN SHOP DRAWINGS.

11. SUBMIT ACCURATE AS-BUILT DRAWINGS TO THE ENGINEER AND OWNER.

12. IF THIS CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS OR IS NOT COMPLETELY SURE OF THEIR MEANING, THIS CONTRACTOR SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND/OR INTERPRETATION PRIOR TO SUBMITTING BIDS. SINCE THIS CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.

13. THESE PLANS ARE DIAGRAMMATIC IN NATURE SINCE THE ONLY AVAILABLE INFORMATION HAS BEEN OBTAINED FROM EXISTING PLANS, SPECIFICATIONS, AND FILED SURVEYS. THE EXACT LOCATION OF PIPING AND EQUIPMENT MAY DEViate FROM THE LOCATION INDICATED BY THESE DRAWINGS. EXTREME ACCURACY IS NOT GUARANTEED. THIS CONTRACTOR SHALL BE PREPARED TO MAKE ALTERATIONS TO NEW AND/OR EXISTING SERVICES TO FIT JOB CONDITIONS. THIS CONTRACTOR SHALL REPORT, IN WRITING, ANY DISCREPANCIES WHICH PREVENT THE INSTALLATION OF WORK AS SHOWN.

14. IT IS ASSUMED THAT AREAS OUTSIDE THE SCOPE OF WORK ARE TESTED, MAINTAINED, AND MEET THE CODE REQUIREMENTS WHEN IT WAS INSTALLED, AND THE EXISTING SYSTEM IS ACCEPTED BY THE LOCAL AHJ. WORK PERFORMED WITHIN SCOPE OF WORK WILL PROVIDE A SYSTEM TO MEET THE REQUIREMENTS SET BY THE AHJ LIMITED BY THE BOUNDARY OF WORK.

15. THE SPRINKLER CONTRACTOR PRIOR TO TIME OF BID SHALL EVALUATE THE SITE AND VERIFY ALL SPRINKLER PIPING AND EQUIPMENT THAT IS EXISTING TO REMAIN WITHIN OR SERVING THE SCOPE OF WORK, IS IN GOOD WORKING CONDITION.

16. FURNISH AND INSTALL TAMPER SWITCHES ON ALL INDICATING VALVES AND FLOW SWITCHES PER NFPA 13 REQUIREMENTS AND PER THE DESIGN DOCUMENTS BY THE CONTRACTOR.

17. THE CONTRACTOR SHALL FURNISH DRAIN VALVES AND INSPECTOR'S TEST CONNECTIONS AS REQUIRED BY NFPA 13 REQUIREMENTS AND AT THE DISCRETION OF THE FIRE MARSHAL, ENGINEER OR GOVERNING AGENCY.

18. ALL OPENINGS THROUGH FIRE RATED FLOORS, WALLS, OR PARTITIONS SHALL BE FIRE STOPPED WITH UL RATED ASSEMBLIES OF EQUAL OR GREATER FIRE RATING. REFER TO FIRE STOPPING NOTES FOR ADDITIONAL INFORMATION.

19. COORDINATE WITH STRUCTURAL ENGINEER WHEN SAW-CUTTING THROUGH CONCRETE FLOOR OR WALL CONSTRUCTION. LEAVE SUFFICIENT REBAR EXPOSED TO THE NEW REINFORCING REPLACEMENT CONCRETE AND/OR OTHER STRUCTURAL ATTACHMENTS FOR NEW CONSTRUCTION.

20. VALVES, TAMPER SWITCHES, OR ANY MECHANICAL/ELECTRICAL ITEM SHALL NOT BE LOCATED ABOVE A HARD CEILING, UNLESS PROVIDED WITH EQUIVALENTLY RATED ACCESS AND SIGNAGE MEETING NFPA 13 REQUIREMENTS.

21. SPRINKLERS SHALL BE LOCATED IN THE CENTER OF CEILING TILES, COORDINATE FINAL LAYOUT WITH ARCHITECT, AND OTHER DISCIPLINES.

22. EXTENDED COVERAGE SPRINKLERS ARE PERMITTED. CONTRACTOR SHALL VERIFY ADDITIONAL PRESSURE REQUIREMENTS IF THIS TYPE IS SELECTED.

23. THE SPRINKLER CONTRACTOR SHALL OBTAIN AND UTILIZE THE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE LOCATING OF SPRINKLER HEADS. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR CEILING DEVICE LOCATIONS AND THE SPECIFICATIONS FOR COORDINATION DRAWING REQUIREMENTS.

24. PIPING SHALL BE INSTALLED AT LEAST 12" ABOVE FINISHED CEILING ELEVATION TO ALLOW FOR SUITABLE ACCESS ABOVE CEILING.

25. INSTALL NO PIPING IN A LOCATION OR MANNER WHICH WILL ALLOW FREEZING.

26. COORDINATE PIPE ROUTING NEAR ELECTRICAL EQUIPMENT PER NFPA 70. PIPING IS NOT TO BE ROUTED ABOVE ELECTRICAL PANELS, TRANSFORMERS, COMPUTER RACKS ETC. FIELD VERIFY AND COORDINATE WITH ELECTRICAL CONTRACTOR ALL EXISTING AND NEW ELECTRICAL LOCATIONS PRIOR TO DESIGN OF THE FIRE PROTECTION PLANS.

27. ROUTING OF SPRINKLER MAINS, BRANCHLINES, AND HEADS SHALL BE THOROUGHLY COORDINATED WITH ALL OTHER DISCIPLINES AND BUILDING STRUCTURE PRIOR TO SUBMISSION OF COORDINATED SHOP DRAWINGS. THIS IS OF THE UTMOST IMPORTANCE ESPECIALLY WHERE SPACE IS LIMITED. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR COORDINATING, PREPARING, AND SUBMITTING COORDINATION DRAWINGS FOR APPROVAL/REVIEW.

28. ADVISE THE ENGINEERS OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST 10 DAYS PRIOR TO BID DATE, TO ALLOW CLARIFICATION BY WRITTEN ADDENDUM.

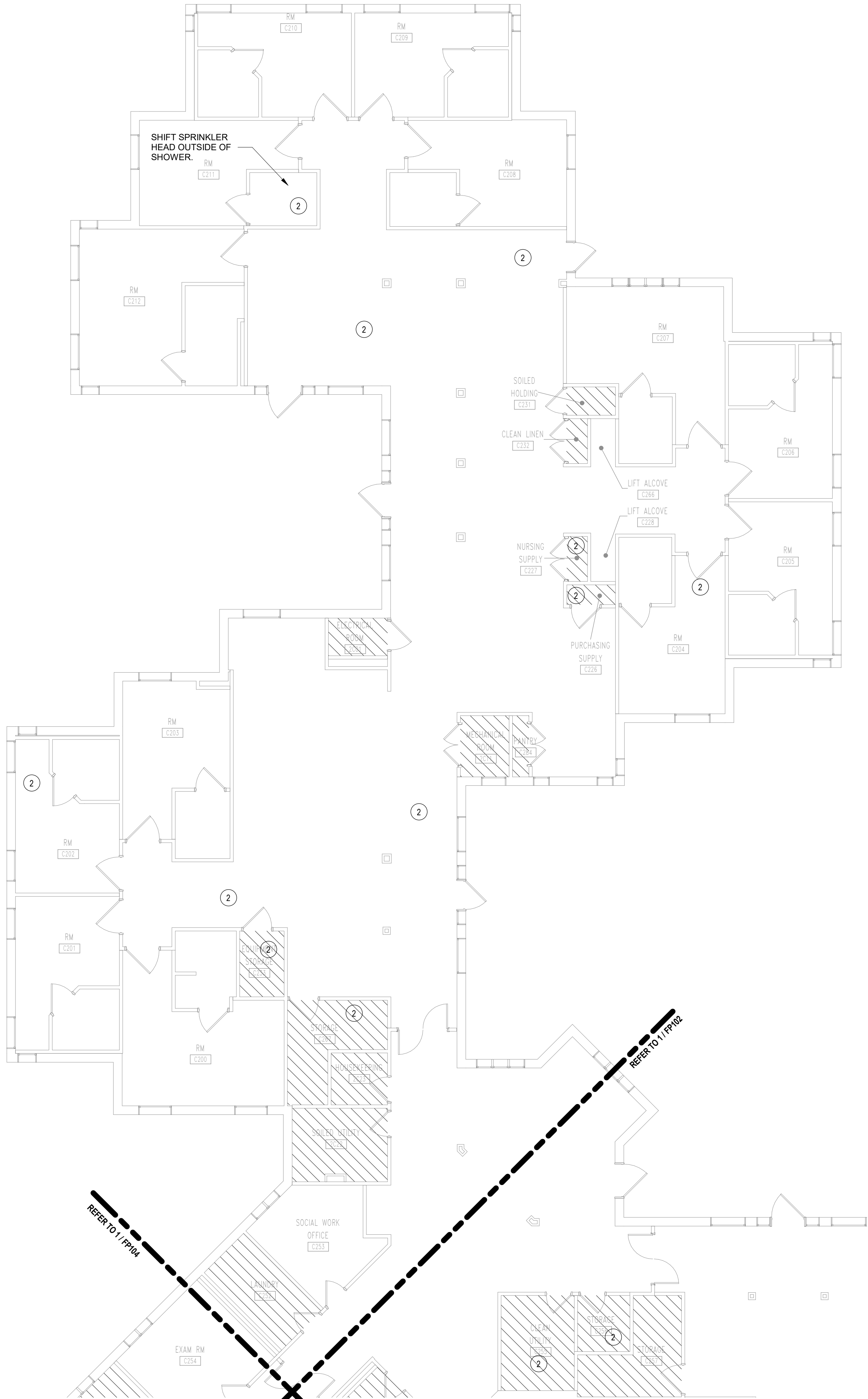
29. IF SEISMIC BRACING IS REQUIRED, FIRE PROTECTION CONTRACTOR SHALL FURNISH AND INSTALL ALL END OF BRANCH LINE RESTRAINTS PER NFPA 13 SECTION 9.3.

30. SPRINKLER CONTRACTOR TO AVOID ROUTING PIPE THROUGH SHEAR WALLS. ANY SHEAR WALL PENETRATIONS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER. REFER TO STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATIONS.

31. THE FIRE SERVICE LEAD-IN, BACKFLOW PREVENTER, AND FIRE DEPARTMENT CONNECTION ARE EXISTING TO REMAIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE UNDERGROUND SERVICE MAINS, LEAD-IN CONNECTIONS, AND ALL HYDRANTS ARE COMPLETELY FLUSHED, PER NFPA 13, BEFORE CONNECTING THE FIRE SERVICE LINE TO THE FIRE SPRINKLER SYSTEM.

32. WHEN WORK REQUIRES TEMPORARY INTERRUPTIONS OF FIRE PROTECTION SERVICES OR UTILITIES THE FOLLOWING ACTIONS WILL BE TAKEN:

- A. COORDINATION WITH MAINTENANCE PERSONNEL TO SHUT OFF SERVICES AT NEAREST MAIN.
- B. PROVIDE TEMPORARY AND ACCESSIBLE ISOLATION VALVES CLOSE TO THE POINT OF WORK.
- C. ENSURE BUILDING OPERATIONS CONTINUE WITH MINIMAL INTERRUPTIONS AND OPERATION OF EXISTING SYSTEMS BE INTERFERED WITH AS LITTLE DISRUPTION AS POSSIBLE EXCEPT IN VACATED AREAS.
- D. WORK INTERFERING WITH OPERATION OF DOWNTIME WILL BE SCHEDULED AFTER CONSULTATION WITH AND PERMISSION GIVEN BY OWNER 10 DAYS PRIOR TO ANTICIPATED INTERRUPTION OF SYSTEMS.
- E. SUCH WORK MAY BE REQUIRED TO BE PERFORMED OUTSIDE OF NORMAL WORKING HOURS.
- F. REFER TO FIRE WATCH NOTES FOR DISRUPTION OF FIRE SPRINKLER SYSTEMS IN OCCUPIED BUILDINGS WHEN DISRUPTION EXCEEDS 4 HOURS.



1 FIRE PROTECTION - LEVEL 1 - AREA A
1/8" = 1'-0"

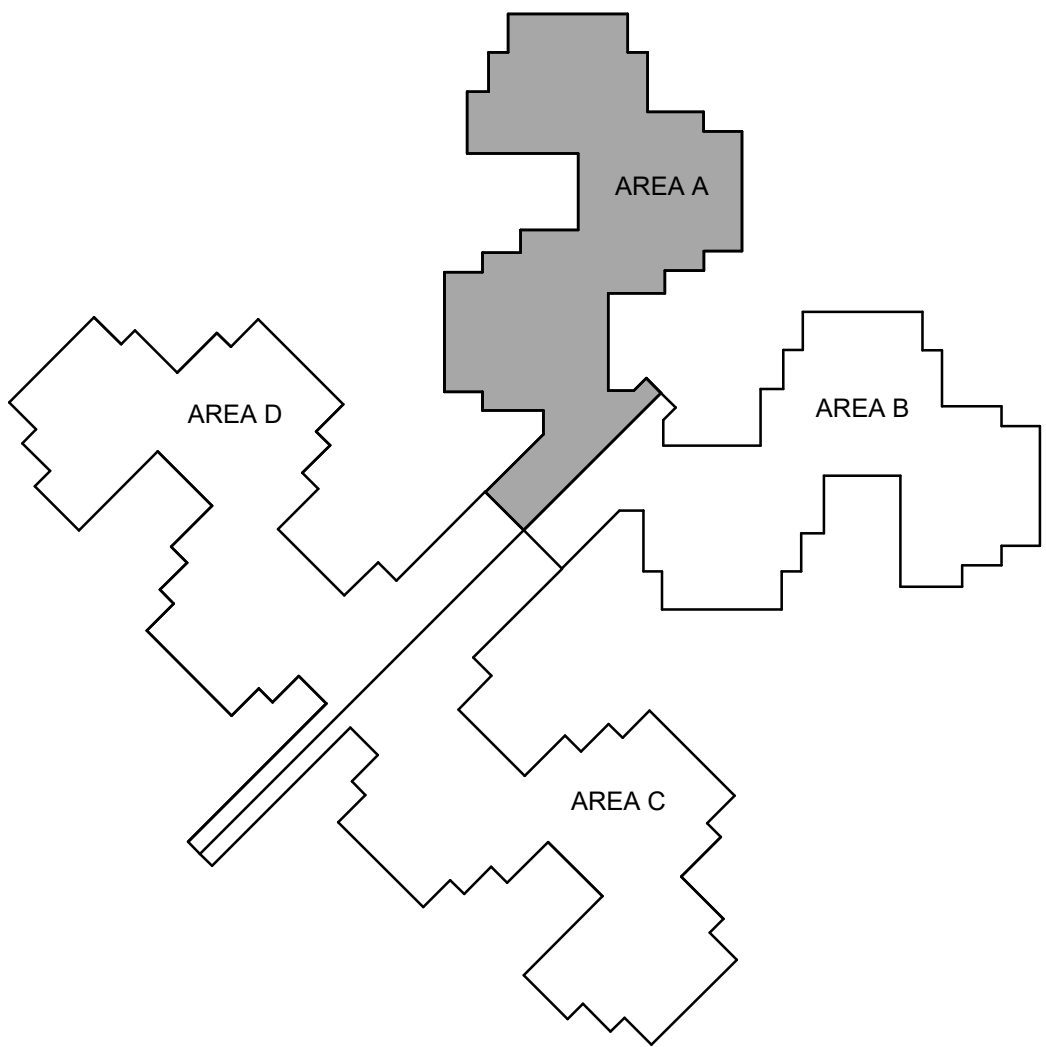
FIRE PROTECTION GENERAL NOTE

- A. FIRE PROTECTION CONTRACTOR TO PROVIDE A COMPLETE CODE COMPLIANT NFPA 13 WET SPRINKLER SYSTEM.
- B. ROUTING OF STANDPIPE, MAINS, LATERALS, AND OFFSETS SHALL BE THOROUGHLY COORDINATED WITH ALL OTHER DISCIPLINES AND BUILDING STRUCTURE PRIOR TO SUBMISSION OF COORDINATED SHOP DRAWINGS. THIS IS OF THE UTMOST IMPORTANCE ESPECIALLY WHERE SPACE IS LIMITED. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR COORDINATING, PREPARING, AND SUBMITTING COORDINATION DRAWINGS FOR APPROVAL/REVIEW.
- C. ALL PIPE 2" AND BELOW IN DIAMETER SHALL BE SCHEDULE 40. ALL PIPE 2 1/2" OR LARGER IN DIAMETER SHALL BE SCHEDULE 10 AT MINIMUM.
- D. THE EXISTING FIRE SPRINKLER INSTALLATION IS 95% COMPLETE. CONTRACTOR IS TO FIELD VERIFY ALL PIPE ABOVE THE CEILINGS INCLUDING SIZES, PIPE TYPE, PIPE SUPPORT, PIPE CONNECTIVITY, AND SEISMIC BRACING.
- E. CONTRACTOR IS TO VERIFY ADEQUATE COVERAGE PER THE HAZARD CLASSIFICATION NOTED ON THIS DRAWING SET AND PROVIDE HYDRAULIC CALCULATIONS BASED ON A WATER SUPPLY TEST PERFORMED WITHIN THE 12 MONTHS PRIOR TO DRAWING SUBMISSION. WHERE AREAS DO NOT MEET THE REQUIREMENTS INDICATED ON THIS PLAN, CONTRACTOR IS TO MODIFY THE INSTALLED SPRINKLER SYSTEM TO ACCOMMODATE THE NOTED HAZARD CLASSIFICATION.
- F. WHERE SPRINKLERS ARE DAMAGED OR INSTALLED IN AN UNPROFESSIONAL MANNER, THE CONTRACTOR IS TO REPLACE THE DAMAGED SPRINKLER AND ADJUST THE INSTALLED PIPE AS REQUIRED TO MEET NFPA 13.
- G. SPRINKLERS SHALL BE ADDED AS REQUIRED TO PROTECT AREAS THAT ARE CURRENTLY UNPROTECTED, BUT REQUIRE PROTECTION PER NFPA 13.
- H. CONTRACTOR TO PROVIDE AS-BUILT DRAWINGS AND HYDRAULIC CALCULATIONS FOR THE AREA IN THE SCOPE OF WORK.

SHEET KEYED NOTES:

- 2 ALT 2 - SPRINKLERS WERE OBSERVED TO BE PAINTED, DAMAGED, OR WITH THE DEFLECTORS NOT PARALLEL WITH THE CEILING. PROVIDE NEW SPRINKLERS AND PIPING AS REQUIRED TO MEET NFPA 13 REQUIREMENTS INCLUDING HAZARD CLASSIFICATION.

HAZARD CLASSIFICATION LEGEND	
NFPA 13	
	FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM. ALL AREAS NOTED ARE TO BE CONSIDERED LIGHT HAZARD WITH A MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.10 GPM/SQ. FT. FOR THE MOST HYDRAULICALLY REMOTE 1,600 SQ. FT. AND A 100 GPM HOSE STREAM, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
	FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM. ALL AREAS NOTED ARE TO BE CONSIDERED ORDINARY HAZARD GROUP 1 WITH A MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.15 GPM/SQ. FT. FOR THE MOST HYDRAULICALLY REMOTE 1,500 SQ. FT. AND A 250 GPM HOSE STREAM. SPRINKLER HEAD SPACING SHALL NOT EXCEED MAXIMUM SPACING DISTANCES SET FORTH BY NFPA 13.



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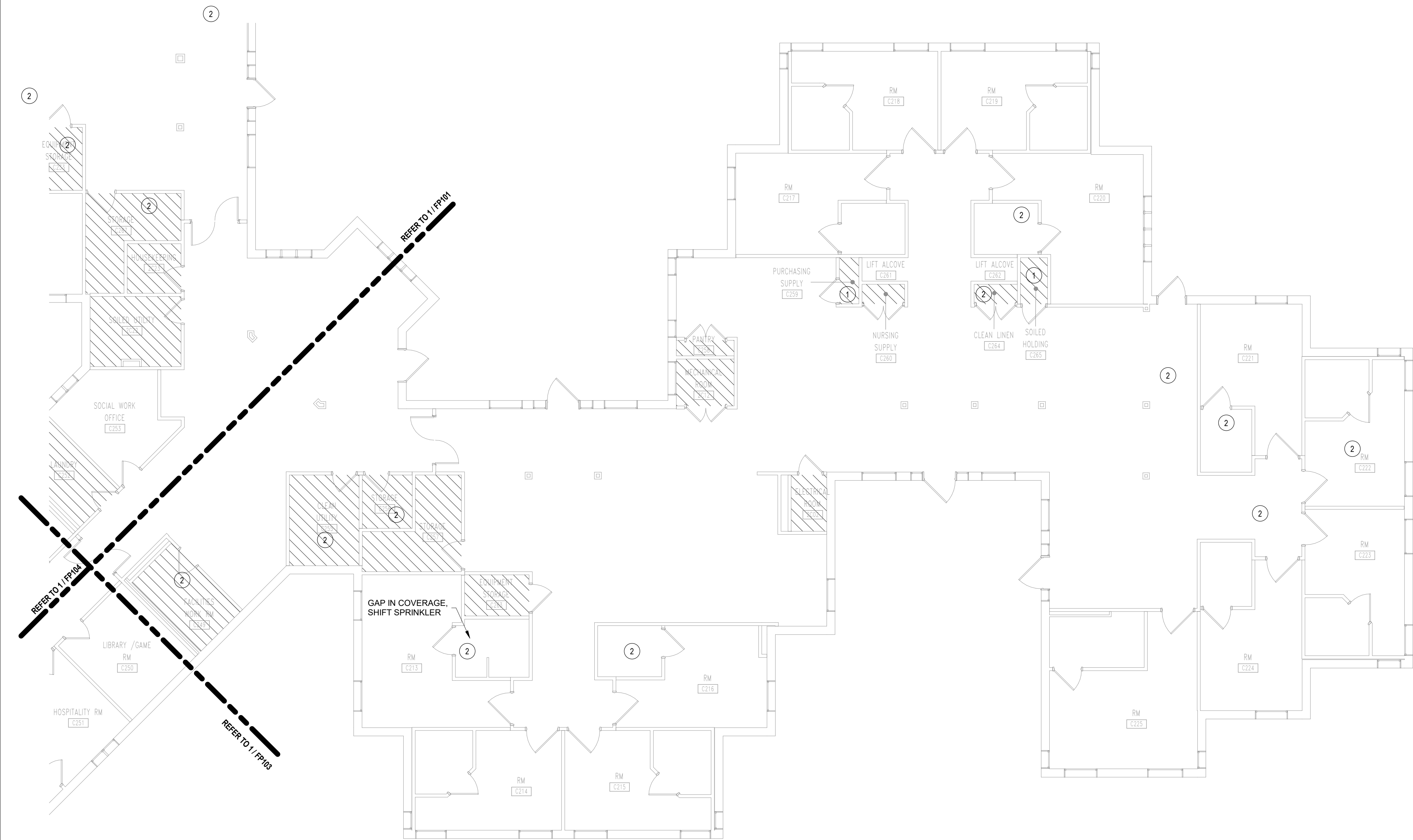
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CHECKED BY: SKJ
DESIGNED BY: SKJ

SHEET TITLE:
FIRE PROTECTION
FLOOR PLAN - AREA
A

SHEET NUMBER:

FP101

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06/26/2026



1 FIRE PROTECTION - LEVEL 1 - AREA B
1/8" = 1'-0"

FIRE PROTECTION GENERAL NOTE

- A. FIRE PROTECTION CONTRACTOR TO PROVIDE A COMPLETE CODE COMPLIANT NFPA 13 WET SPRINKLER SYSTEM.
- B. ROUTING OF STANDPIPE, MAINS, LATERALS, AND OFFSETS SHALL BE THOROUGHLY COORDINATED WITH ALL OTHER DISCIPLINES AND BUILDING STRUCTURE PRIOR TO SUBMISSION OF COORDINATED SHOP DRAWINGS. THIS IS OF THE UTMOST IMPORTANCE ESPECIALLY WHERE SPACE IS LIMITED. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR COORDINATING, PREPARING, AND SUBMITTING COORDINATION DRAWINGS FOR APPROVAL/REVIEW.
- C. ALL PIPE 2" AND BELOW IN DIAMETER SHALL BE SCHEDULE 40. ALL PIPE 2 1/2" OR LARGER IN DIAMETER SHALL BE SCHEDULE 10 AT MINIMUM.
- D. THE EXISTING FIRE SPRINKLER INSTALLATION IS 95% COMPLETE. CONTRACTOR IS TO FIELD VERIFY ALL PIPE ABOVE THE CEILINGS INCLUDING SIZES, PIPE TYPE, PIPE SUPPORT, PIPE CONNECTIVITY, AND SEISMIC BRACING.
- E. CONTRACTOR IS TO VERIFY ADEQUATE COVERAGE PER THE HAZARD CLASSIFICATION NOTED ON THIS DRAWING SET AND PROVIDE HYDRAULIC CALCULATIONS BASED ON A WATER SUPPLY TEST PERFORMED WITHIN THE 12 MONTHS PRIOR TO DRAWING SUBMISSION. WHERE AREAS DO NOT MEET THE REQUIREMENTS INDICATED ON THIS PLAN, CONTRACTOR IS TO MODIFY THE INSTALLED SPRINKLER SYSTEM TO ACCOMMODATE THE NOTED HAZARD CLASSIFICATION.
- F. WHERE SPRINKLERS ARE DAMAGED OR INSTALLED IN AN UNPROFESSIONAL MANNER, THE CONTRACTOR IS TO REPLACE THE DAMAGED SPRINKLER AND ADJUST THE INSTALLED PIPE AS REQUIRED TO MEET NFPA 13.
- G. SPRINKLERS SHALL BE ADDED AS REQUIRED TO PROTECT AREAS THAT ARE CURRENTLY UNPROTECTED, BUT REQUIRE PROTECTION PER NFPA 13.
- H. CONTRACTOR TO PROVIDE AS-BUILT DRAWINGS AND HYDRAULIC CALCULATIONS FOR THE AREA IN THE SCOPE OF WORK.

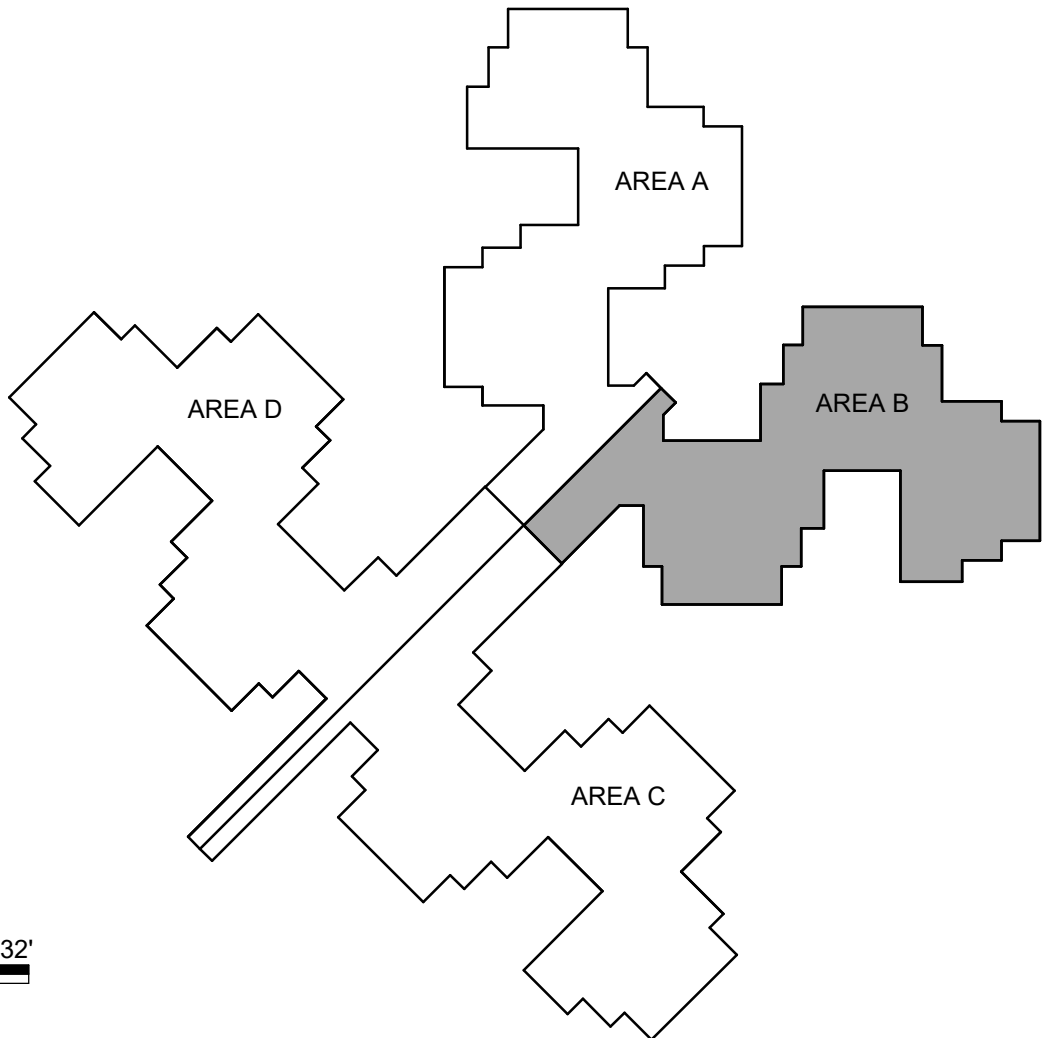
SHEET KEYED NOTES:

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- 2 ALT 2 - SPRINKLERS WERE OBSERVED TO BE PAINTED, DAMAGED, OR WITH THE DEFLECTORS NOT PARALLEL WITH THE CEILING. PROVIDE NEW SPRINKLERS AND PIPING AS REQUIRED TO MEET NFPA 13 REQUIREMENTS INCLUDING HAZARD CLASSIFICATION.

HAZARD CLASSIFICATION LEGEND	
NFPA 13	
	FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM. ALL AREAS NOTED ARE TO BE CONSIDERED LIGHT HAZARD WITH A MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.10 GPM/SQ. FT. FOR THE MOST HYDRAULICALLY REMOTE 1,500 SQ. FT. AND A 100 GPM HOSE STREAM, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
	FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM. ALL AREAS NOTED ARE TO BE CONSIDERED ORDINARY HAZARD GROUP I WITH A MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.15 GPM/SQ. FT. FOR THE MOST HYDRAULICALLY REMOTE 1,500 SQ. FT. AND A 250 GPM HOSE STREAM. SPRINKLER HEAD SPACING SHALL NOT EXCEED MAXIMUM SPACING DISTANCES SET FORTH BY NFPA 13.



0 8' 16' 32'



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PROJECT # 162_26 MO01

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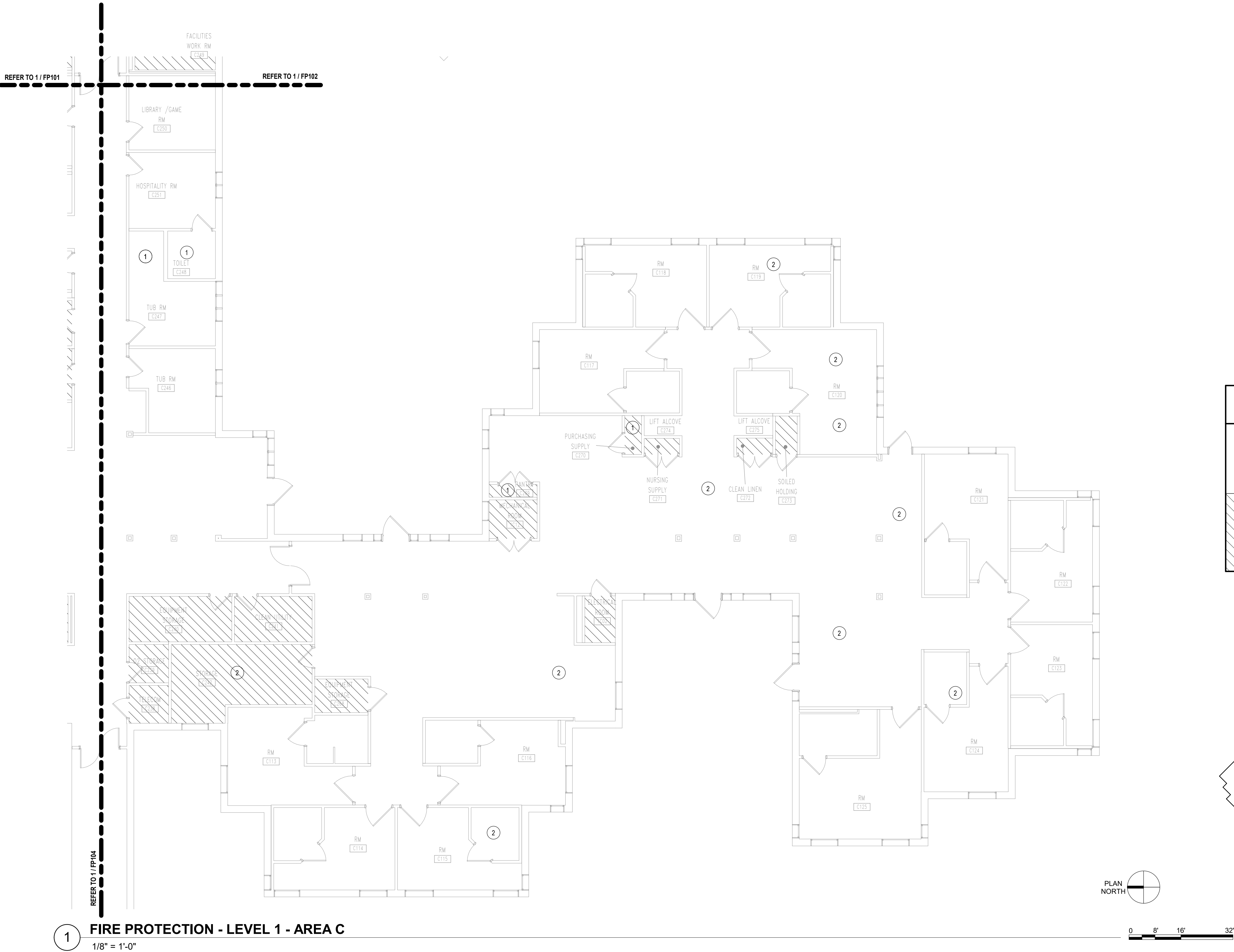
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DRAWN BY: RMS
CHECKED BY: SKJ
DESIGNED BY: SKJ

SHEET TITLE:
**FIRE PROTECTION
FLOOR PLAN - AREA
B**

SHEET NUMBER:

FP102

20 OF 42 SHEETS
06/26/2026



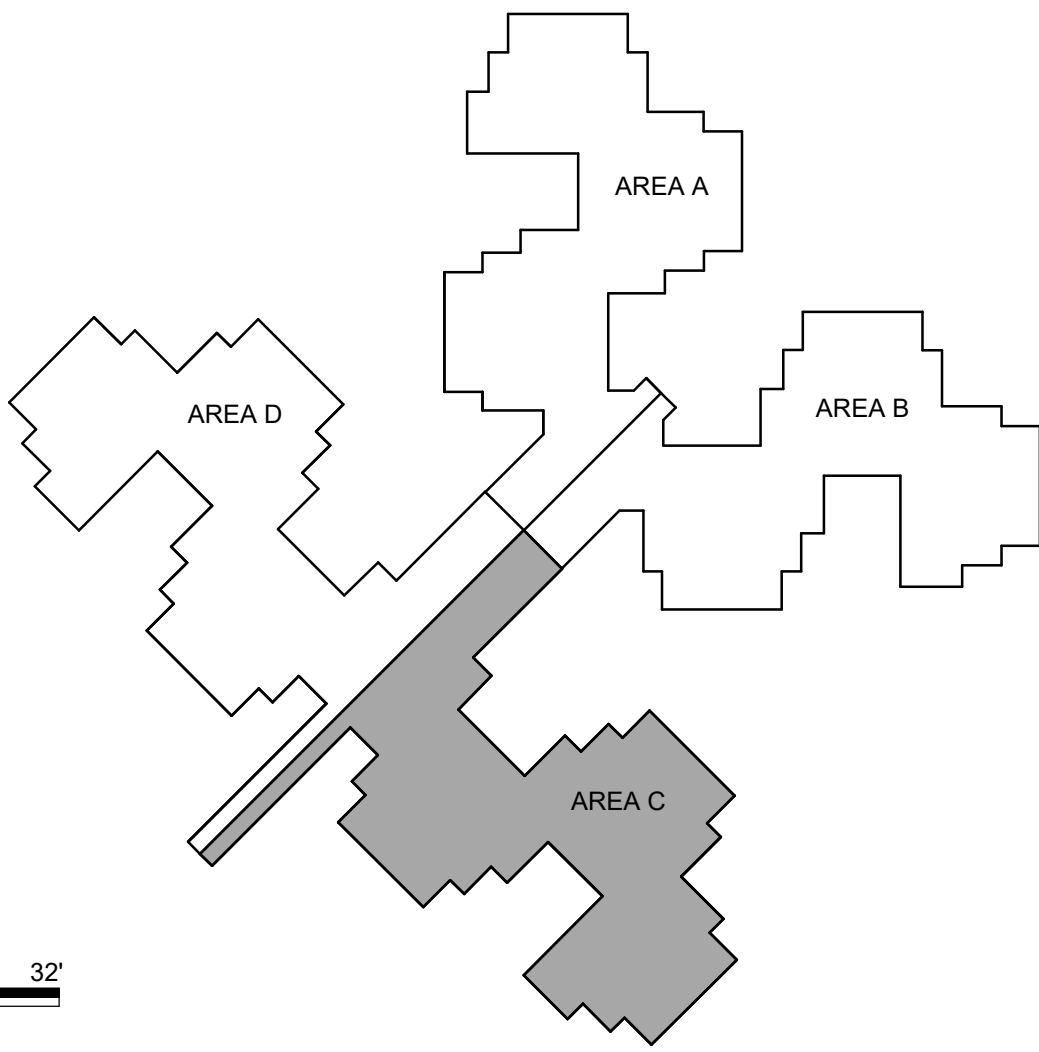
FIRE PROTECTION GENERAL NOTE

- A. FIRE PROTECTION CONTRACTOR TO PROVIDE A COMPLETE CODE COMPLIANT NFPA 13 WET SPRINKLER SYSTEM.
- B. ROUTING OF STANDPIPE, MAINS, LATERALS, AND OFFSETS SHALL BE THOROUGHLY COORDINATED WITH ALL OTHER DISCIPLINES AND BUILDING STRUCTURE PRIOR TO SUBMISSION OF COORDINATED SHOP DRAWINGS. THIS IS OF THE UTMOST IMPORTANCE ESPECIALLY WHERE SPACE IS LIMITED. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR COORDINATING, PREPARING, AND SUBMITTING COORDINATION DRAWINGS FOR APPROVAL/REVIEW.
- C. ALL PIPE 2" AND BELOW IN DIAMETER SHALL BE SCHEDULE 40. ALL PIPE 2 1/2" OR LARGER IN DIAMETER SHALL BE SCHEDULE 10 AT MINIMUM.
- D. THE EXISTING FIRE SPRINKLER INSTALLATION IS 95% COMPLETE. CONTRACTOR IS TO FIELD VERIFY ALL PIPE ABOVE THE CEILINGS INCLUDING SIZES, PIPE TYPE, PIPE SUPPORT, PIPE CONNECTIVITY, AND SEISMIC BRACING.
- E. CONTRACTOR IS TO VERIFY ADEQUATE COVERAGE PER THE HAZARD CLASSIFICATION NOTED ON THIS DRAWING SET AND PROVIDE HYDRAULIC CALCULATIONS BASED ON A WATER SUPPLY TEST PERFORMED WITHIN THE 12 MONTHS PRIOR TO DRAWING SUBMISSION. WHERE AREAS DO NOT MEET THE REQUIREMENTS INDICATED ON THIS PLAN, CONTRACTOR IS TO MODIFY THE INSTALLED SPRINKLER SYSTEM TO ACCOMMODATE THE NOTED HAZARD CLASSIFICATION.
- F. WHERE SPRINKLERS ARE DAMAGED OR INSTALLED IN AN UNPROFESSIONAL MANNER, THE CONTRACTOR IS TO REPLACE THE DAMAGED SPRINKLER AND ADJUST THE INSTALLED PIPE AS REQUIRED TO MEET NFPA 13.
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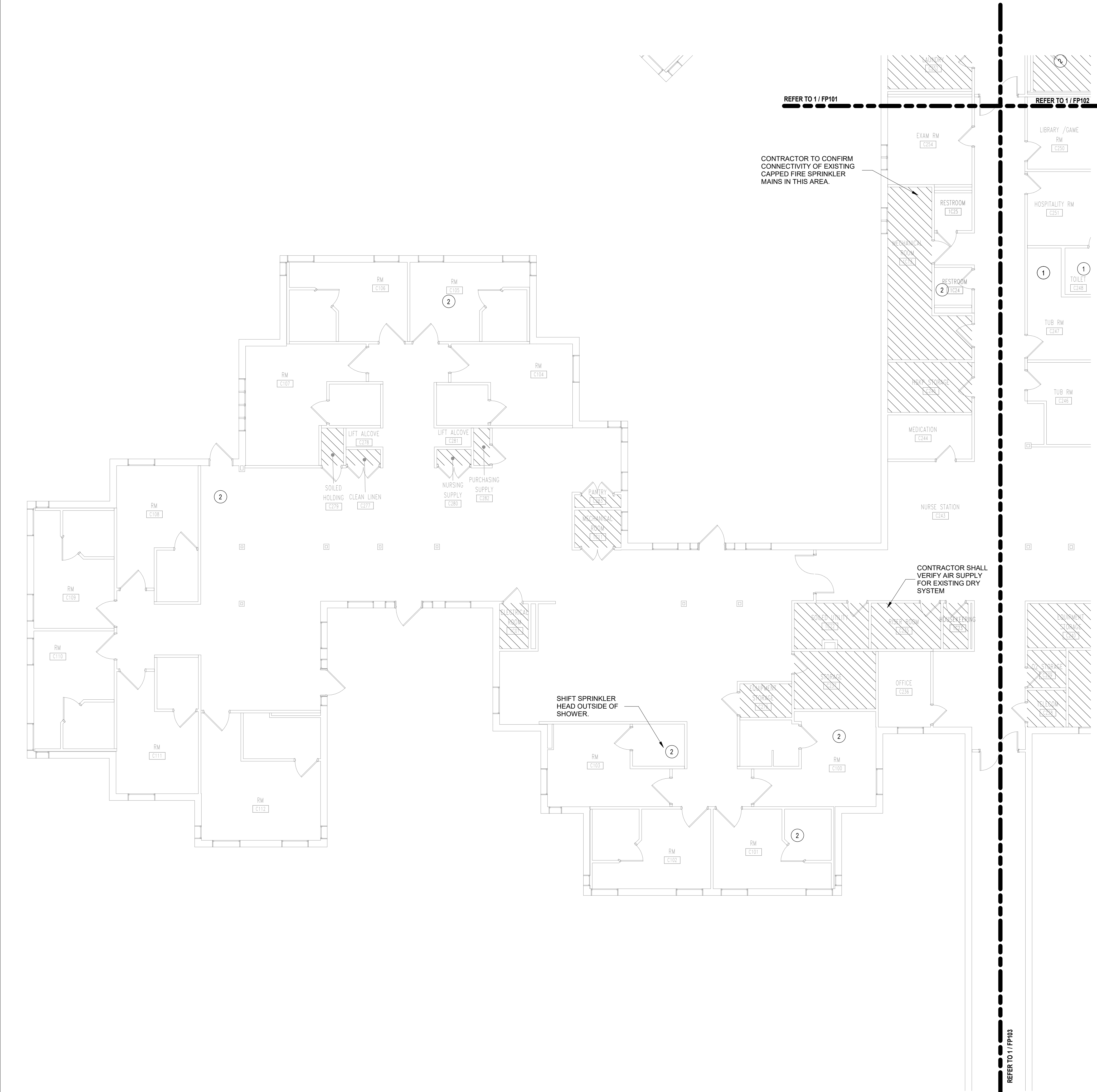
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DESIGNED BY: SKJ

SHEET TITLE:
FIRE PROTECTION
FLOOR PLAN - AREA
C

SHEET NUMBER:

FP103

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06/26/2026



1 FIRE PROTECTION - LEVEL 1 - AREA D
1/8" = 1'-0"

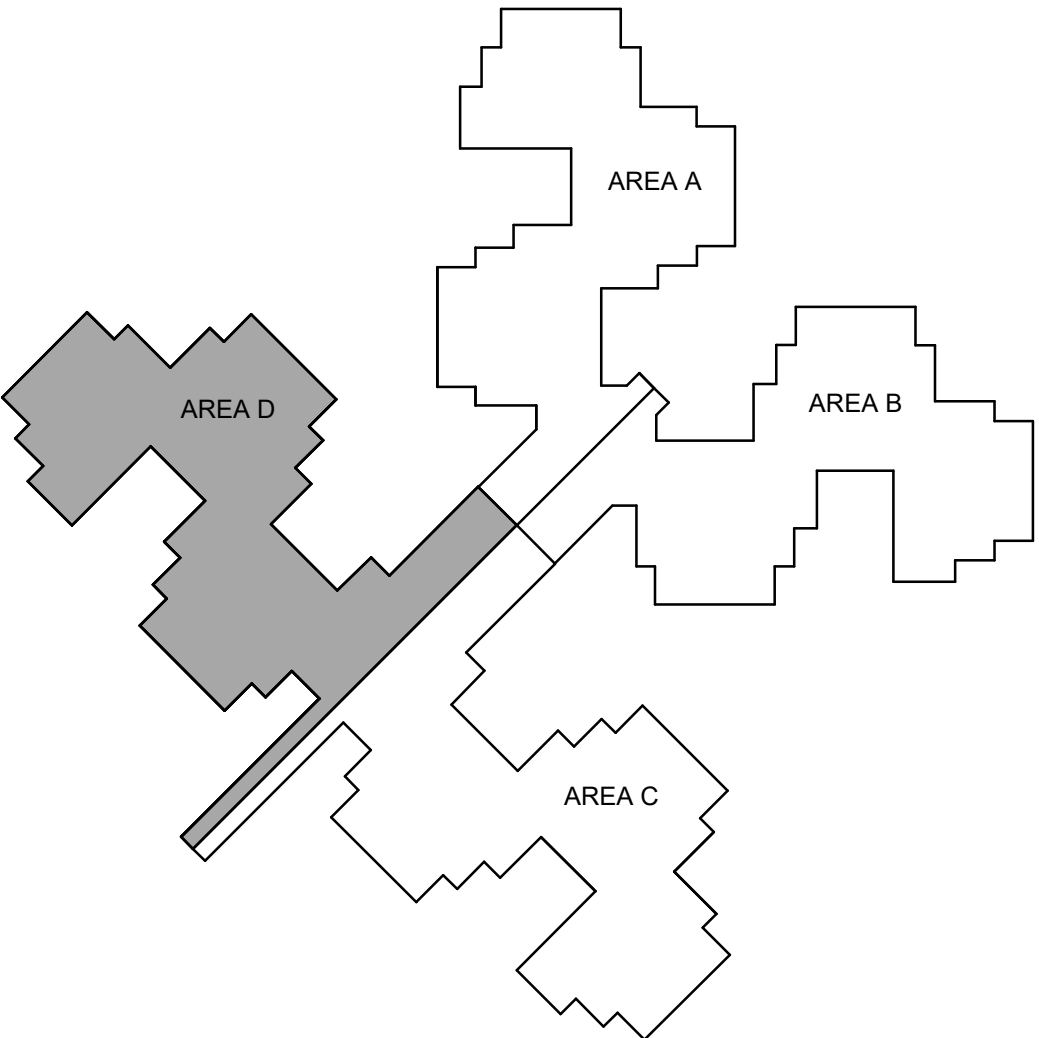
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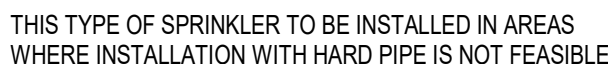
SHEET NUMBER:

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06/26/2026

MAXIMUM DISTANCE (FT-IN) BETWEEN HANGERS												
	NOMINAL PIPE SIZE (IN.)											
	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8
STEEL PIPE (SCH. 40)	N/A	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0
THREADED LIGHTWALL STEEL PIPE (SCH. 10)	N/A	12-0	12-0	12-0	12-0	12-0	12-0	N/A	N/A	N/A	N/A	N/A

NOT TO SCALE



NOT TO SCALE



NOT TO SCALE



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