



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION	
	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Rooftop Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK 318-473-9980

Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE	
TITLE SHEET	
SHEET	OF
A1.0	22A

PROJECT TITLE	
REPAIR DORM BOLO B4351	
BARKSDALE AIR FORCE BASE, LOUISIANA 71110	
Project Number	OPP. NO. 1086485
Drawing Number	Facility Number B4351

**DRAWING INDEX  
ARCHITECTURAL**

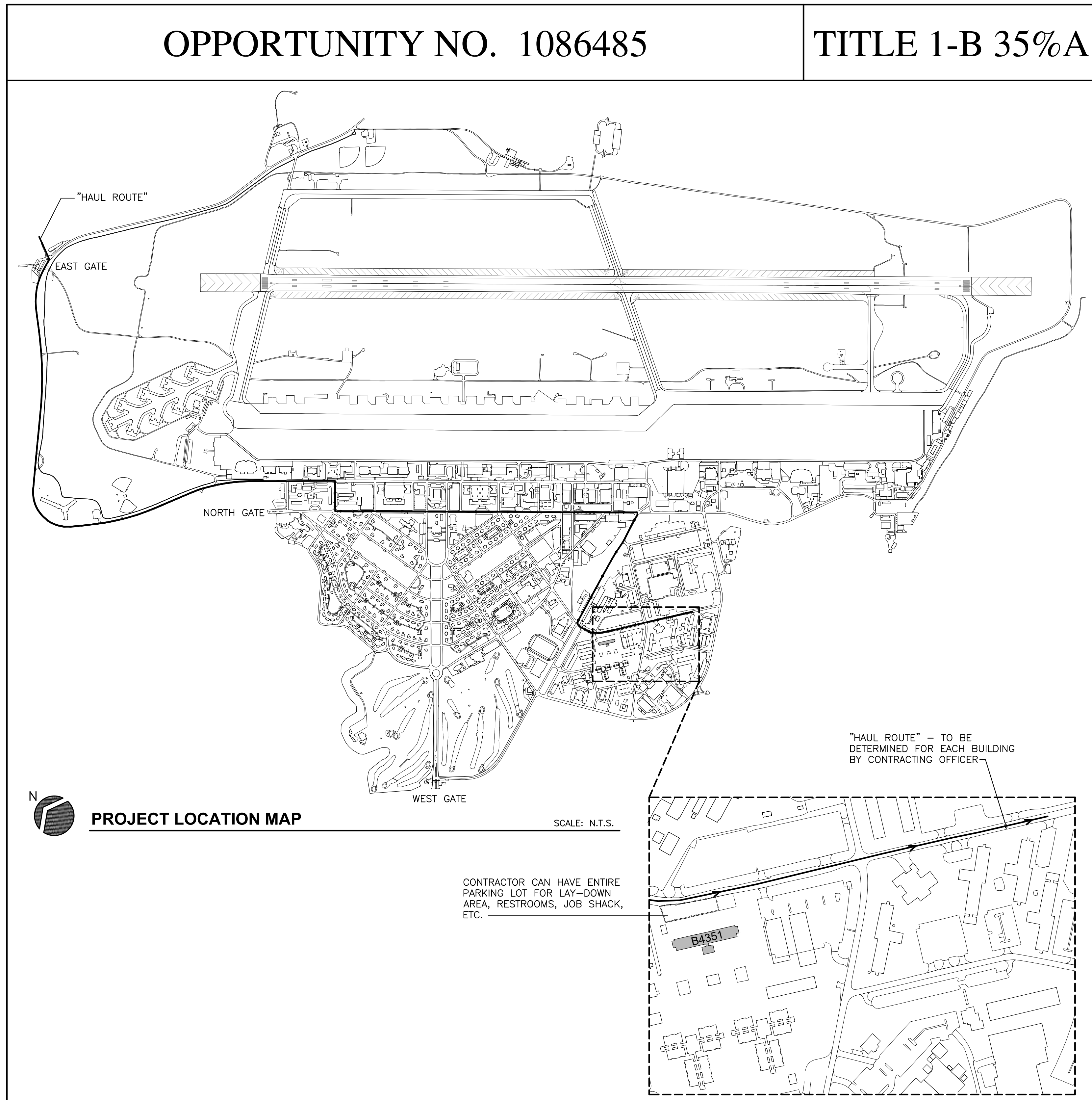
A1.0	TITLE SHEET
A1.1	OVERALL REFERENCE FLOOR PLANS
A2.1	FIRST FLOOR DEMOLITION PLAN
A2.2	SECOND FLOOR DEMOLITION PLAN
A2.3	THIRD FLOOR DEMOLITION PLAN
A2.4	FIRST FLOOR CEILING DEMOLITION PLAN
A2.5	SECOND FLOOR CEILING DEMOLITION PLAN
A2.6	THIRD FLOOR CEILING DEMOLITION PLAN
A3.1	NEW FIRST FLOOR PLAN
A3.2	NEW SECOND FLOOR PLAN
A3.3	NEW THIRD FLOOR PLAN
A4.1	EXTERIOR ELEVATIONS - DEMO
A4.2	EXTERIOR ELEVATIONS - NEW
A5.1	INTERIOR ELEVATIONS
A5.2	ENLARGED TOILET PLAN AND ACCESSORIES
A6.1	DOOR SCHEDULE
A6.2	SIGN SCHEDULE
A6.3	FINISH SCHEDULE
A7.1	WALL SECTIONS
A8.1	FIRST FLOOR CEILING PLAN
A8.2	SECOND FLOOR CEILING PLAN
A8.3	THIRD FLOOR CEILING PLAN
<b>MECHANICAL</b>	
MD1.1	FIRST FLOOR HVAC DEMOLITION PLAN
MD1.2	SECOND FLOOR HVAC DEMOLITION PLAN
MD1.3	THIRD FLOOR HVAC DEMOLITION PLAN
MD1.4	ATTIC HVAC DEMOLITION PLAN
MD2.1	FIRST FLOOR HYDRONIC PIPING DEMOLITION PLAN
MD2.2	SECOND FLOOR HYDRONIC PIPING DEMOLITION PLAN
MD2.3	THIRD FLOOR & PARTIAL ATTIC HYDRONIC PIPING DEMOLITION PLAN
M1.1	MECHANICAL GENERAL NOTES & SCHEDULES
M2.1	FIRST FLOOR HVAC PLAN
M2.2	SECOND FLOOR HVAC PLAN
M2.3	THIRD FLOOR HVAC PLAN
M2.4	ATTIC HVAC PLAN
M2.5	ENLARGED MECHANICAL PLANS AND SECTIONS
M3.1	FIRST, SECOND, & THIRD FLOOR HYDRONIC PIPING PLANS
M3.2	HYDRONIC PIPING SECTIONS & ENLARGED PLANS
M4.1	MECHANICAL DETAILS
M4.2	HYDRONIC DETAILS
<b>PLUMBING</b>	
PD1.1	FIRST FLOOR PLUMBING DEMOLITION PLAN
PD1.2	SECOND FLOOR PLUMBING DEMOLITION PLAN
PD1.3	THIRD FLOOR PLUMBING DEMOLITION PLAN
PD1.4	ATTIC PLUMBING DEMOLITION PLAN
P1.1	PLUMBING GENERAL NOTES & SCHEDULES
P2.1	FIRST FLOOR PLUMBING PLAN
P2.2	SECOND FLOOR PLUMBING PLAN
P2.3	THIRD FLOOR PLUMBING PLAN
P2.4	ATTIC PLUMBING PLAN
P3.1	PLUMBING DETAILS
<b>ELECTRICAL</b>	
ED1.1	FIRST FLOOR ELECTRICAL LIGHTING DEMOLITION PLAN
ED1.2	SECOND FLOOR ELECTRICAL LIGHTING DEMOLITION PLAN
ED1.3	THIRD FLOOR ELECTRICAL LIGHTING DEMOLITION PLAN
ED2.1	FIRST FLOOR ELECTRICAL POWER/SYSTEMS DEMOLITION PLAN
ED2.2	SECOND FLOOR ELECTRICAL POWER/SYSTEMS DEMOLITION PLAN
ED2.3	THIRD FLOOR ELECTRICAL POWER/SYSTEMS DEMOLITION PLAN
E1.1	ELECTRICAL GENERAL NOTES
E2.1	FIRST FLOOR ELECTRICAL LIGHTING PLAN
E2.2	SECOND FLOOR ELECTRICAL LIGHTING PLAN
E2.3	THIRD FLOOR ELECTRICAL LIGHTING PLAN
E2.4	ATTIC ELECTRICAL LIGHTING PLAN
E3.1	FIRST FLOOR ELECTRICAL POWER/SYSTEMS PLAN
E3.2	SECOND FLOOR ELECTRICAL POWER/SYSTEMS PLAN
E3.3	THIRD FLOOR ELECTRICAL POWER/SYSTEMS PLAN
E3.4	ATTIC ELECTRICAL POWER/SYSTEMS PLAN
E4.1	FIRST FLOOR ELECTRICAL FIRE ALARM/ MASS NOTIFICATION PLAN
E4.2	SECOND FLOOR ELECTRICAL FIRE ALARM/ MASS NOTIFICATION PLAN
E4.3	THIRD FLOOR ELECTRICAL FIRE ALARM/ MASS NOTIFICATION PLAN
E4.4	ATTIC ELECTRICAL FIRE ALARM/ MASS NOTIFICATION PLAN
E5.1	ELECTRICAL DETAILS
E5.2	ELECTRICAL PANEL SCHEDULES
E5.3	ELECTRICAL PANEL SCHEDULES
E5.4	ELECTRICAL PANEL SCHEDULES
E5.5	ELECTRICAL PANEL SCHEDULES

# REPAIR DORM BOLO, B4351

## FEBRUARY 2024

OPPORTUNITY NO. 1086485

TITLE 1-B 35%A



**PROJECT LOCATION MAP**

CONTRACTOR CAN HAVE ENTIRE PARKING LOT FOR LAY-DOWN AREA, RESTROOMS, JOB SHACK, ETC.

"HAUL ROUTE" - TO BE DETERMINED FOR EACH BUILDING BY CONTRACTING OFFICER

**ENLARGED SITE PLAN**

**ABBREVIATIONS**

A.F.F.	ABOVE FINISH FLOOR
APPROX.	APPROXIMATE
A.T.	ALUMINUM THRESHOLD
BD.	BOARD
C.H.	CEILING HEIGHT
CONT.	CONTINUOUS
C.G.	CORNER GUARD
CL.	CENTERLINE
COL.	COLUMN
DBL.	DOUBLE
E.H.D.	ELECTRIC HAND DRYER
ELEV.	ELEVATION
EM. R.D.	EMERGENCY ROOF DRAIN
ETC.	ETCETERA
E.W.C.	ELECTRIC WATER COOLER
EXIST.	EXISTING
EXP.JT.	EXPANSION JOINT
F.E.C.	FIRE EXTINGUISHER CABINET
GA.	GAUGE
GALV.	GALVANIZED
GYP. BD.	GYPSUM BOARD
HWDR.	HARDWARE
HR.	HOUR
HT.	HEIGHT
H.M.	HOLLOW METAL
LAM.	LAMINATED
LAV.	LAVATORY
MAT'L.	MATERIAL
MK.	MARK
MECH.	MECHANICAL
MED.	MEDICAL
MTL.	METAL
M.T.	MARBLE THRESHOLD
MWL.	MILLWORK ITEM
OPP.	OPPOSITE
O.C.	ON CENTER
O.F.O.I.	OWNER FURNISHED OWNER INSTALLED
O.H.	OVER HEAD
PATT.	PATTERN
PTD.	PAINTED
P.T.D.	PAPER TOWEL DISPENSER
P.H.	PAPER HOLDER
PLAS.	PLASTIC
PLYWD.	PLYWOOD
PREP.	PREPARATION
RE.	REFERENCE
REF.	REFRIGERATOR
REQ'D.	REQUIRED
SCHED.	SCHEDULE
SIM.	SIMILAR
S.G.	SOLID CORE
S.D.	SOAP DISPENSER
S.N.D.	SANITARY NAPKIN DISPOSAL
S.S.	STAINLESS STEEL
T.B.R.	TO BE REMOVED
TEMP.	TEMPERED
THRES.	THRESHOLD
Tk.	THICK
T.S.	TRANSITION STRIP
TYP.	TYPICAL
U.C.	UNDER COUNTER
V.C.T.	VINYL COMPOSITION TILE
V.W.C.	VINYL WALL COVERING
W.C.	WAINSCOT
WD.	WOOD
W/	WITH

**GENERAL NOTES**

- CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL DEMOLITION AND CONSTRUCTION DEBRIS. ALL TRASH AND DEBRIS SHOULD BE DISPOSED OF PROPERLY AND APPROPRIATELY. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED W/ DISPOSAL.
- ALL ELECTRICAL WORK IS TO BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR OR THOSE DIRECTLY UNDER HIS SUPERVISION. ALL WORK PERFORMED IS TO BE PER ALL CITY, STATE, AND NATIONAL CURRENT ELECTRICAL CODES.
- ALL PLUMBING WORK IS TO BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR OR THOSE DIRECTLY UNDER HIS SUPERVISION. ALL WORK PERFORMED IS TO BE PER ALL CITY, STATE, AND NATIONAL CURRENT PLUMBING CODES.
- CONTRACTOR TO VERIFY THE SALVAGE OF ANY MATERIAL THAT COULD POSSIBLY BE REUSED UNDER THIS CONTRACT.
- CONTRACTOR TO KEEP THE FACILITY REASONABLY CLEAN DURING CONSTRUCTION HOURS AND TO COMPLETELY CLEAN UP SITE AT THE END OF EACH DAY. OTHER BUSINESSES DIRECTLY CONNECTED TO THIS FACILITY ARE NOT TO BE ADVERSELY AFFECTED BY CONSTRUCTION.
- CONTRACTOR TO BE FULLY LICENSED, FOR THIS JOB, AND INSURED.
- ANY DAMAGE TO THE EXISTING OR NEW FACILITY CAUSED BY THE CONTRACTOR OR ANY ONE UNDER HIS CONTRACT, IS TO BE FULLY REPAIRED OR REPLACED. DAMAGE TO EXISTING SITE TO BE REPAIRED. RUTS IN YARD TO BE FILLED IN AND RE-SODDED IF DAMAGED.
- CONTRACTOR TO NOTIFY OWNER AND/OR ARCHITECT IMMEDIATELY IF DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONSTRUCTION EXISTS.
- CONTRACTOR AND ALL THOSE UNDER HIS CONTRACT ARE TO PERFORM ALL WORK IN A WELL-MANNERED FASHION. TENANTS AT ADJACENT BUSINESSES ARE NOT TO BE BOTHERED OR HARASSED IN ANY FORM OR FASHION. SUCH SHALL BE CAUSE FOR IMMEDIATE AND PERMANENT REMOVAL FROM SITE.
- CONTRACTOR TO PROVIDE TEMPORARY TOILET FACILITIES. TOILETS AT ADJACENT BUSINESSES ARE NOT TO BE USED BY ANYONE UNDER CONTRACTOR'S CONTRACT.
- CONTRACTOR IS RESPONSIBLE FOR HIS OWN COMMUNICATIONS ON SITE. EXIST. TENANTS ARE NOT TO BE ASKED FOR USE OF PHONE, FAX, COPIER, ETC.
- CONTRACTOR TO BE RESPONSIBLE FOR ACQUIRING ALL CITY PERMITS REQUIRED FOR CONSTRUCTION INCLUDING CITY DESIGN REVIEW FEE IF APPLICABLE.
- CONTRACTOR RESPONSIBLE FOR REQUESTING ALL INSPECTIONS THROUGHOUT CONSTRUCTION DURATION, AS WELL AS FINAL INSPECTION BY FIRE MARSHAL. CONTRACTOR TO NOTIFY ARCHITECT AT LEAST ONE WEEK IN ADVANCE OF FINAL INSPECTION.

**SYMBOLS LEGEND**

CONSTRUCTION NOTE	(C1)
DEMOLITION NOTE	(D1)
DOOR REFERENCE MARK	1
DETAIL REFERENCE MARK	A-
INTERIOR ELEVATION MARK	1 A1



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Systems
	Police
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE  
**OVERALL REFERENCE  
FLOOR PLANS**

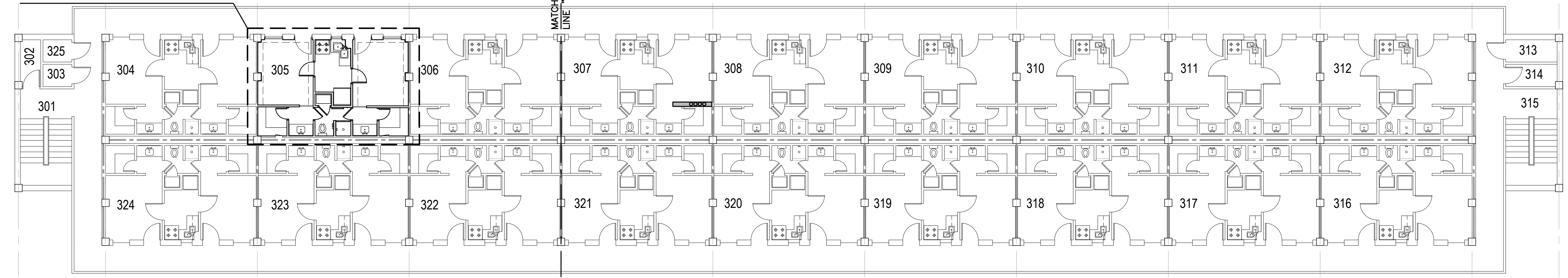
SHEET	A1.1	OF	22A
-------	------	----	-----

PROJECT TITLE  
REPAIR DORM BOLO  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number	Facility Number
	B4351

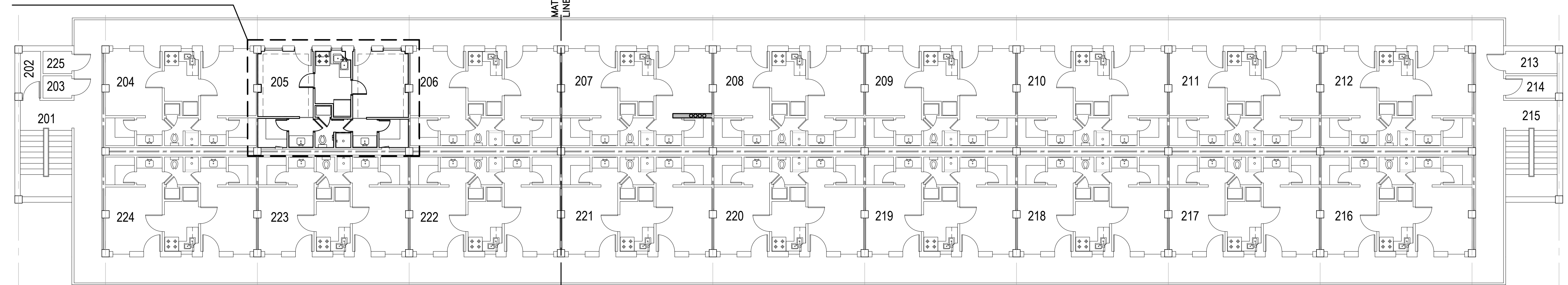
TYPICAL SUITE - RE: ENLARGED  
TYPICAL SUITE THIRD FLOOR PLAN



**THIRD FLOOR OVERALL REFERENCE PLAN**

SCALE: 3/32" = 1'-0"

TYPICAL SUITE - RE: ENLARGED  
TYPICAL SUITE SECOND FLOOR PLAN



**SECOND FLOOR OVERALL REFERENCE PLAN**

SCALE: 3/32" = 1'-0"

TYPICAL SUITE - RE: ENLARGED  
TYPICAL SUITE FIRST FLOOR PLAN



**FIRST FLOOR OVERALL REFERENCE PLAN**

SCALE: 3/32" = 1'-0"



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

**APPROVED**

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

**COORDINATION**

	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

**DESIGN FIRM**



**Designer** WKB **Project Manager**

**Drafter** RKF

**REVISION** **BY/DATE**

TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

**SHEET TITLE**

**FIRST FLOOR  
DEMOLITION PLAN**

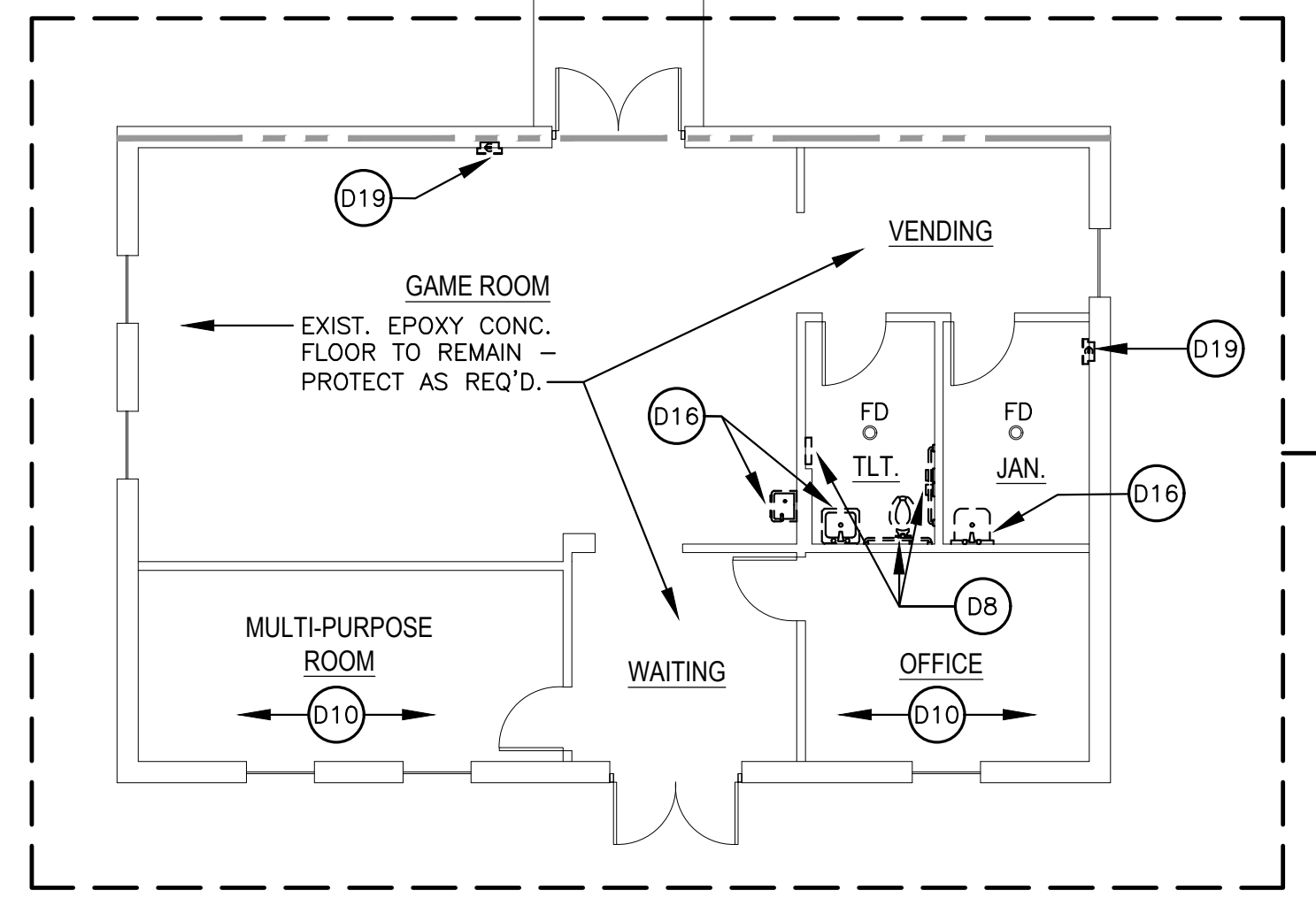
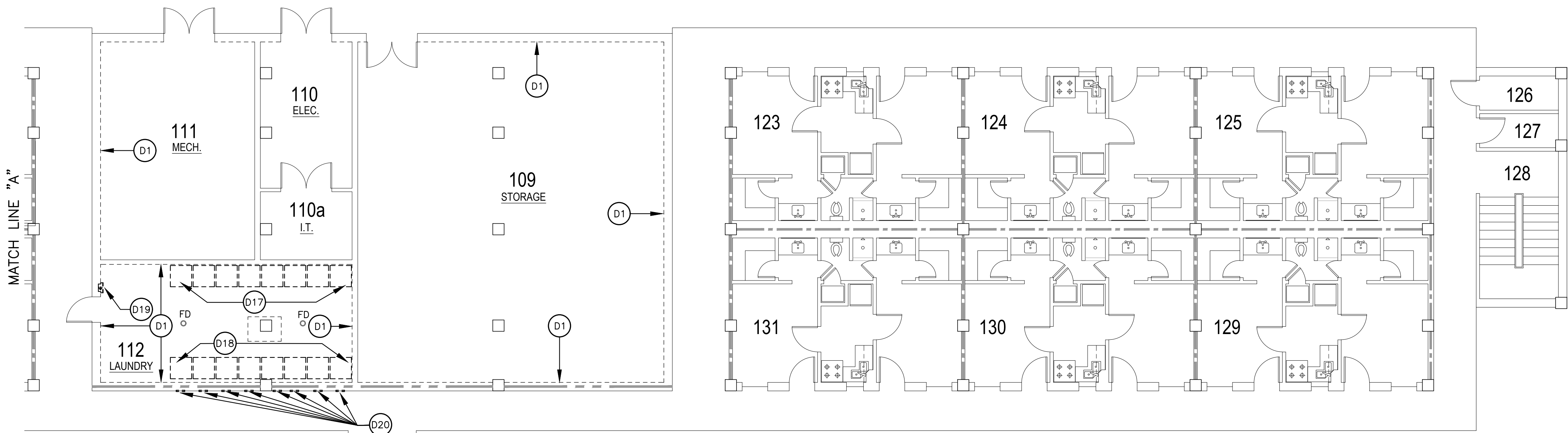
**SHEET** A2.1 **OF** 22A

**PROJECT TITLE**  
REPAIR DORM BOLO  
B4351

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

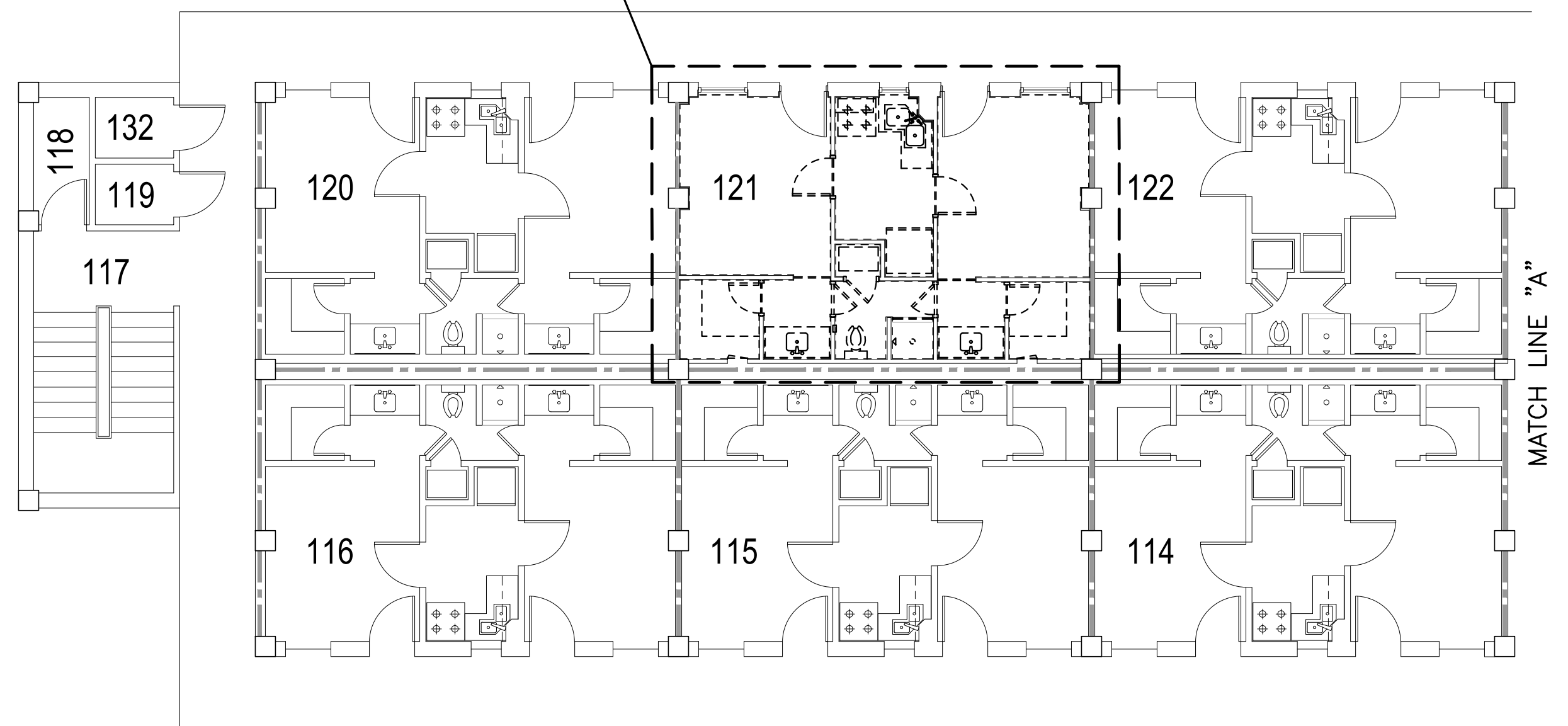
**Project Number**  
OPP. NO. 1086485

**Drawing Number** **Facility Number**  
B4351



THIS PORTION OF DORMITORY BUILDING HAS NO MOLD. GYPSUM BOARD DOES NOT GET DEMOLISHED OR REPLACED. IT DOES GET NEW PAINT, NEW RUBBER BASE, NEW CARPET (RE: FINISH SCHED.), AND CEILINGS THROUGHOUT UNLESS OTHERWISE NOTED.

TYPICAL SUITE - RE: ENLARGED TYPICAL SUITE FIRST FLOOR DEMOLITION PLAN THIS SHEET



**FIRST FLOOR DEMOLITION PLAN**

SCALE: 1/8" = 1'-0"

**DEMOLITION NOTES**

- (D1) EXTERIOR DASHED LINE AT ALL WALLS INDICATES THAT ALL EXISTING GYPSUM BOARD TO BE REMOVED (TYP.). AFTER REMOVAL OF ALL INTERIOR GYPSUM BOARD, ALL WALL INSULATION TO BE REMOVED INCLUDING THE 2 1/2" RIGID INSULATION @ ALL EXTERIOR WALLS.
- (D2) EXISTING DOOR AND FRAME TO BE REMOVED.
- (D3) ALL EXISTING MILLWORK AND SINKS TO BE REMOVED.
- (D4) ALL EXISTING MINI BLINDS AND CURTAINS TO BE REMOVED.
- (D5) ALL EXISTING REFRIGERATORS TO BE REMOVED.
- (D6) ALL EXISTING OVENS TO BE REMOVED.
- (D7) ALL EXISTING HVAC SYSTEMS TO BE REMOVED - RE: MECHANICAL DRAWINGS.
- (D8) ALL EXISTING TOILETS AND TOILET ACCESSORIES TO BE REMOVED.
- (D9) ALL EXISTING SHOWER ACCESSORIES, SHOWER TILE, TILE BACKER BOARD, AND TILED SHOWER CURB TO BE REMOVED.
- (D10) ALL EXISTING CARPET TO BE REMOVED.
- (D11) ALL EXISTING VCT TO BE REMOVED.
- (D12) ALL EXISTING FLOOR TILE TO BE REMOVED.
- (D13) ALL EXISTING FLOORING THRESHOLDS TO BE REMOVED.
- (D14) ALL EXISTING PAINTED PLYWOOD SHELVING TO BE REMOVED.
- (D15) ALL EXISTING LOCKABLE S.S. ACCESS PANELS IN CLOSET TO BE REMOVED.
- (D16) EXISTING PLUMBING FIXTURES TO BE REMOVED - RE: MECHANICAL DRAWINGS.
- (D17) EXISTING WASHING MACHINES TO BE REMOVED - RE: MECHANICAL DRAWINGS.
- (D18) EXISTING DRYERS TO BE REMOVED - RE: MECHANICAL DRAWINGS.
- (D19) EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER TO BE REMOVED.
- (D20) EXISTING EXTERIOR DRYER VENTS TO BE REMOVED.

**GENERAL DEMOLITION NOTE**

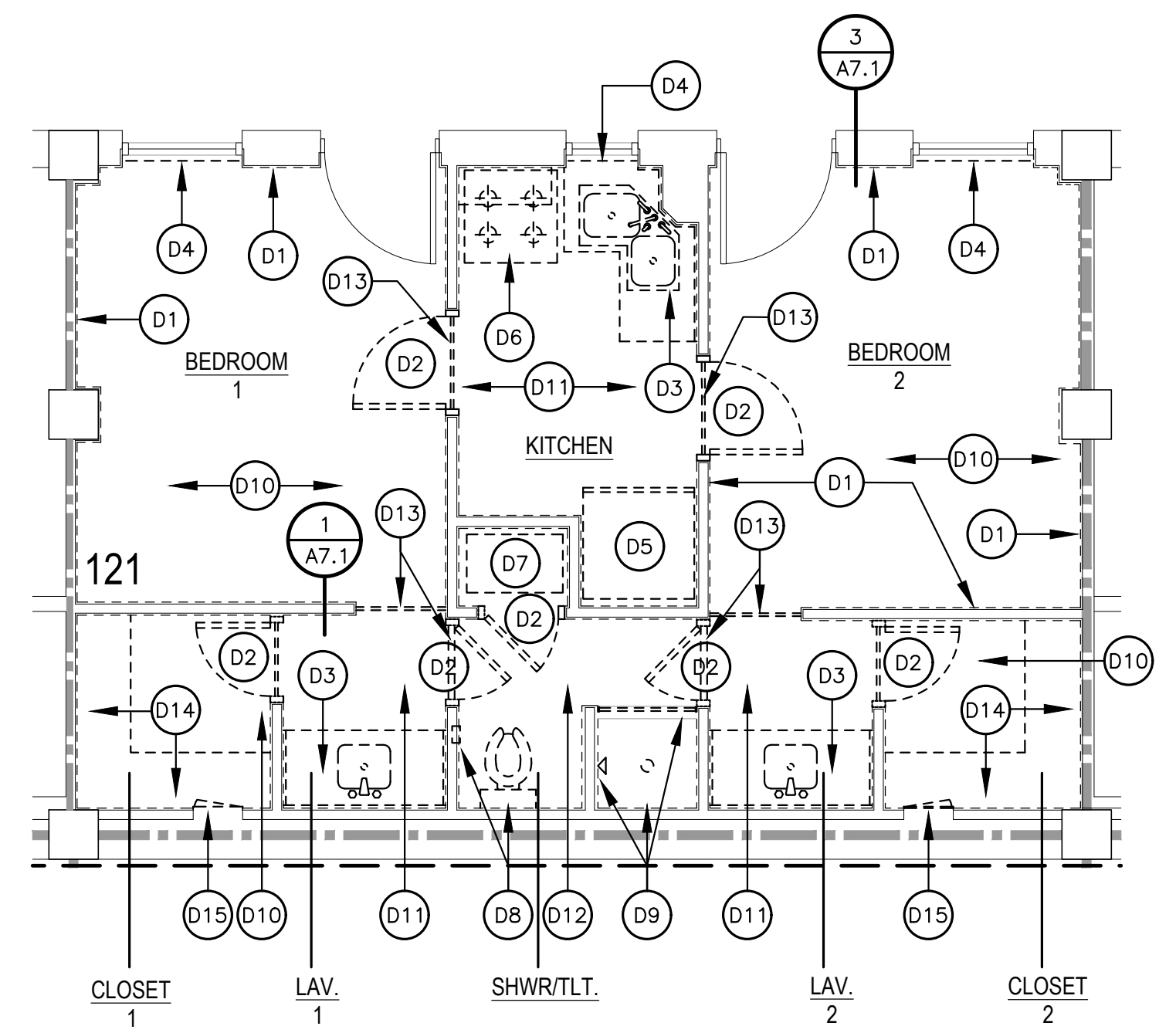
THE ENTIRE INTERIOR OF EACH SUITE WILL BE DEMOLISHED DOWN TO THE EXISTING STUDS, WHICH SHALL REMAIN.

**MOLD REMEDIATION NOTE**

THE 3-STORY DORMITORY BUILDING IS MOLD CONTAMINATED. A FULL REPORT IS ON FILE W/ BAFB AS NEEDED FOR REFERENCE. DISPOSAL OF ALL MATERIAL BEING DEMOLISHED SHALL BE DISPOSED OF PROPERLY AND AS SET FORTH IN THE HAZMAT REPORT AND PER ALL D.E.Q. GUIDELINES. CONTRACTOR TO DETERMINE IF ANY MATERIAL SLATED FOR DEMOLITION CAN BE DISPOSED OF IN A STANDARD LANDFILL OR IF ALL MATERIAL WILL BE REQUIRED TO BE FULLY "REMIEDIATED".

**EXISTING FIRE RATING WALL LEGEND**

- 1-HOUR WALL [Symbol]
- 2-HOUR WALL [Symbol]



**ENLARGED TYPICAL SUITE FIRST FLOOR DEMOLITION PLAN**

SCALE: 1/4" = 1'-0"



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

**APPROVED**

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

**COORDINATION**

	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Commission Engineer
	Protective Coating Eng.



Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

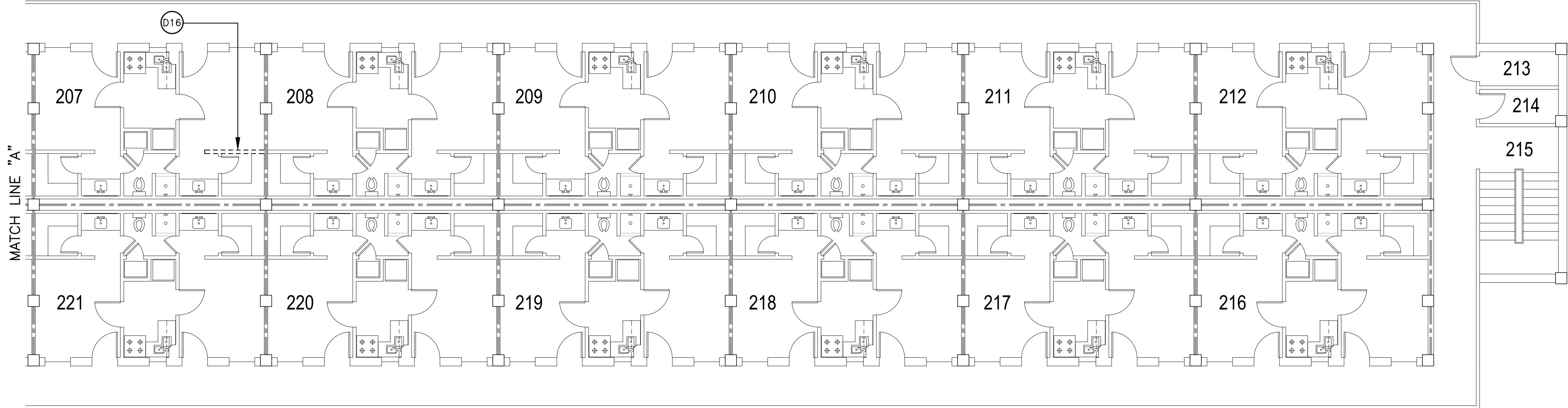
SHEET TITLE  
**SECOND FLOOR  
DEMOLITION PLAN**

SHEET **A2.2** OF **22A**

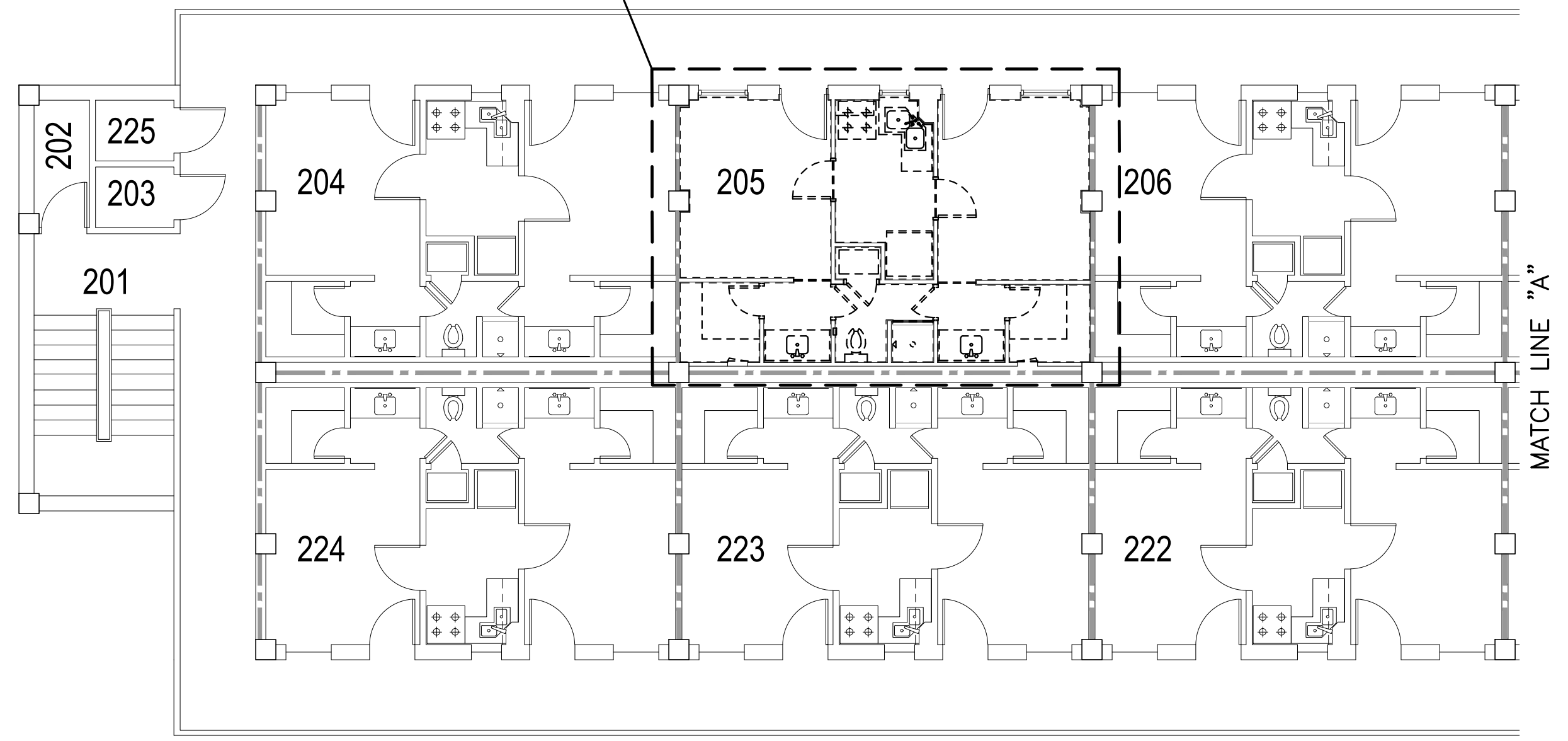
PROJECT TITLE  
REPAIR DORM BOLO  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

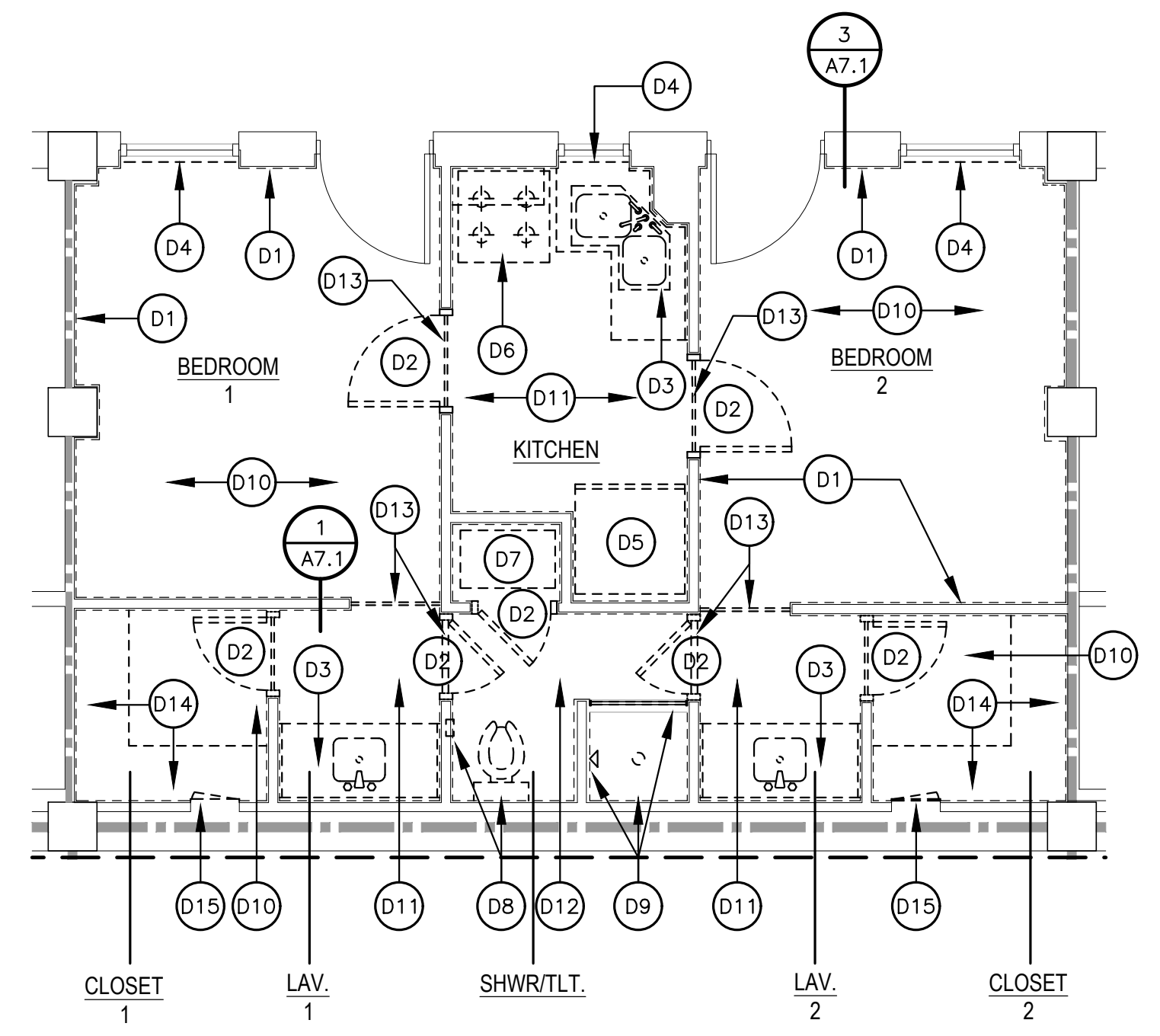


TYPICAL SUITE - RE: ENLARGED TYPICAL SUITE  
SECOND FLOOR DEMOLITION PLAN THIS SHEET



**SECOND FLOOR DEMOLITION PLAN**

SCALE: 1/8" = 1'-0"



**ENLARGED TYPICAL SUITE SECOND FLOOR DEMOLITION PLAN**

SCALE: 1/4" = 1'-0"

**DEMOLITION NOTES**

- (D1) EXTERIOR DASHED LINE AT ALL WALLS INDICATES THAT ALL EXISTING GYPSUM BOARD TO BE REMOVED (TYP.). AFTER REMOVAL OF ALL INTERIOR GYPSUM BOARD, ALL WALL INSULATION TO BE REMOVED INCLUDING THE 2 1/2" RIGID INSULATION @ ALL EXTERIOR WALLS.
- (D2) EXISTING DOOR AND FRAME TO BE REMOVED.
- (D3) ALL EXISTING MILLWORK AND SINKS TO BE REMOVED.
- (D4) ALL EXISTING MINI BLINDS AND CURTAINS TO BE REMOVED.
- (D5) ALL EXISTING REFRIGERATORS TO BE REMOVED.
- (D6) ALL EXISTING OVENS TO BE REMOVED.
- (D7) ALL EXISTING HVAC SYSTEMS TO BE REMOVED - RE: MECHANICAL DRAWINGS.
- (D8) ALL EXISTING TOILETS AND TOILET ACCESSORIES TO BE REMOVED.
- (D9) ALL EXISTING SHOWER ACCESSORIES, SHOWER TILE, TILE BACKER BOARD, AND TILED SHOWER CURB TO BE REMOVED.
- (D10) ALL EXISTING CARPET TO BE REMOVED.
- (D11) ALL EXISTING VCT TO BE REMOVED.
- (D12) ALL EXISTING FLOOR TILE TO BE REMOVED.
- (D13) ALL EXISTING FLOORING THRESHOLDS TO BE REMOVED.
- (D14) ALL EXISTING PAINTED PLYWOOD SHELVING TO BE REMOVED.
- (D15) ALL EXISTING LOCKABLE S.S. ACCESS PANELS IN CLOSET TO BE REMOVED.

**SUITE 207 WALL DEMOLITION NOTE**

- (D16) EXISTING WALL (ALL STUDS AND GYPSUM BOARD THIS LOCATION) TO BE REMOVED IN SUITE 207.

**GENERAL DEMOLITION NOTE**

THE ENTIRE INTERIOR OF EACH SUITE WILL BE DEMOLISHED DOWN TO THE EXISTING STUDS, WHICH SHALL REMAIN.

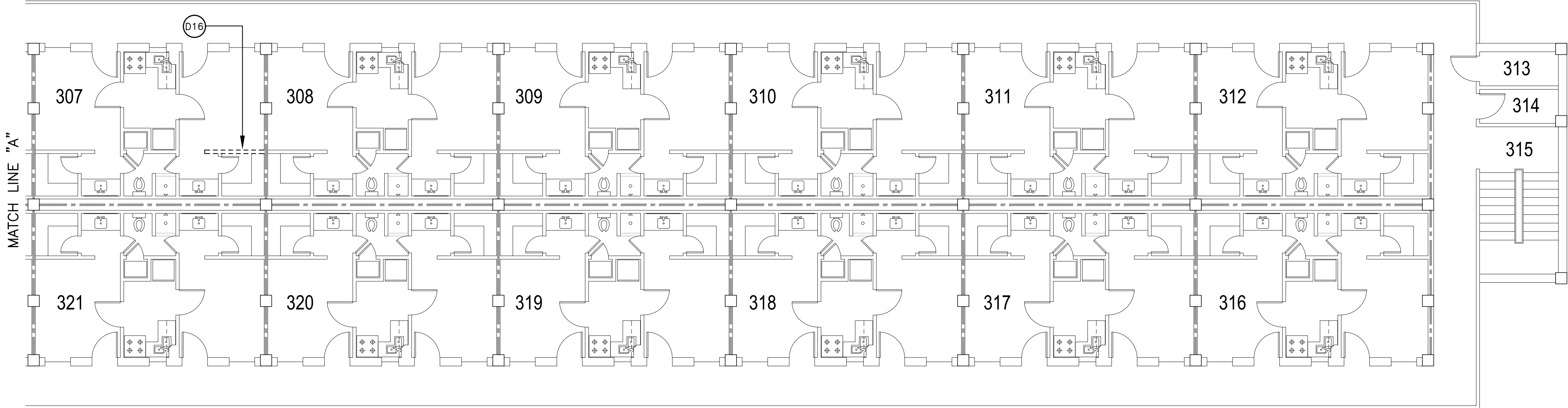
**EXISTING FIRE RATING WALL LEGEND**

1-HOUR WALL      - - - - -



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Commission Engineer
	Protective Coating Eng.



**DEMOLITION NOTES**

- (D1) EXTERIOR DASHED LINE AT ALL WALLS INDICATES THAT ALL EXISTING GYPSUM BOARD TO BE REMOVED (TYP.). AFTER REMOVAL OF ALL INTERIOR GYPSUM BOARD, ALL WALL INSULATION TO BE REMOVED INCLUDING THE 2 1/2" RIGID INSULATION @ ALL EXTERIOR WALLS.
- (D2) EXISTING DOOR AND FRAME TO BE REMOVED.
- (D3) ALL EXISTING MILLWORK AND SINKS TO BE REMOVED.
- (D4) ALL EXISTING MINI BLINDS AND CURTAINS TO BE REMOVED.
- (D5) ALL EXISTING REFRIGERATORS TO BE REMOVED.
- (D6) ALL EXISTING OVENS TO BE REMOVED.
- (D7) ALL EXISTING HVAC SYSTEMS TO BE REMOVED - RE: MECHANICAL DRAWINGS.
- (D8) ALL EXISTING TOILETS AND TOILET ACCESSORIES TO BE REMOVED.
- (D9) ALL EXISTING SHOWER ACCESSORIES, SHOWER TILE, TILE BACKER BOARD, AND TILED SHOWER CURB TO BE REMOVED.
- (D10) ALL EXISTING CARPET TO BE REMOVED.
- (D11) ALL EXISTING VCT TO BE REMOVED.
- (D12) ALL EXISTING FLOOR TILE TO BE REMOVED.
- (D13) ALL EXISTING FLOORING THRESHOLDS TO BE REMOVED.
- (D14) ALL EXISTING PAINTED PLYWOOD SHELVING TO BE REMOVED.
- (D15) ALL EXISTING LOCKABLE S.S. ACCESS PANELS IN CLOSET TO BE REMOVED.

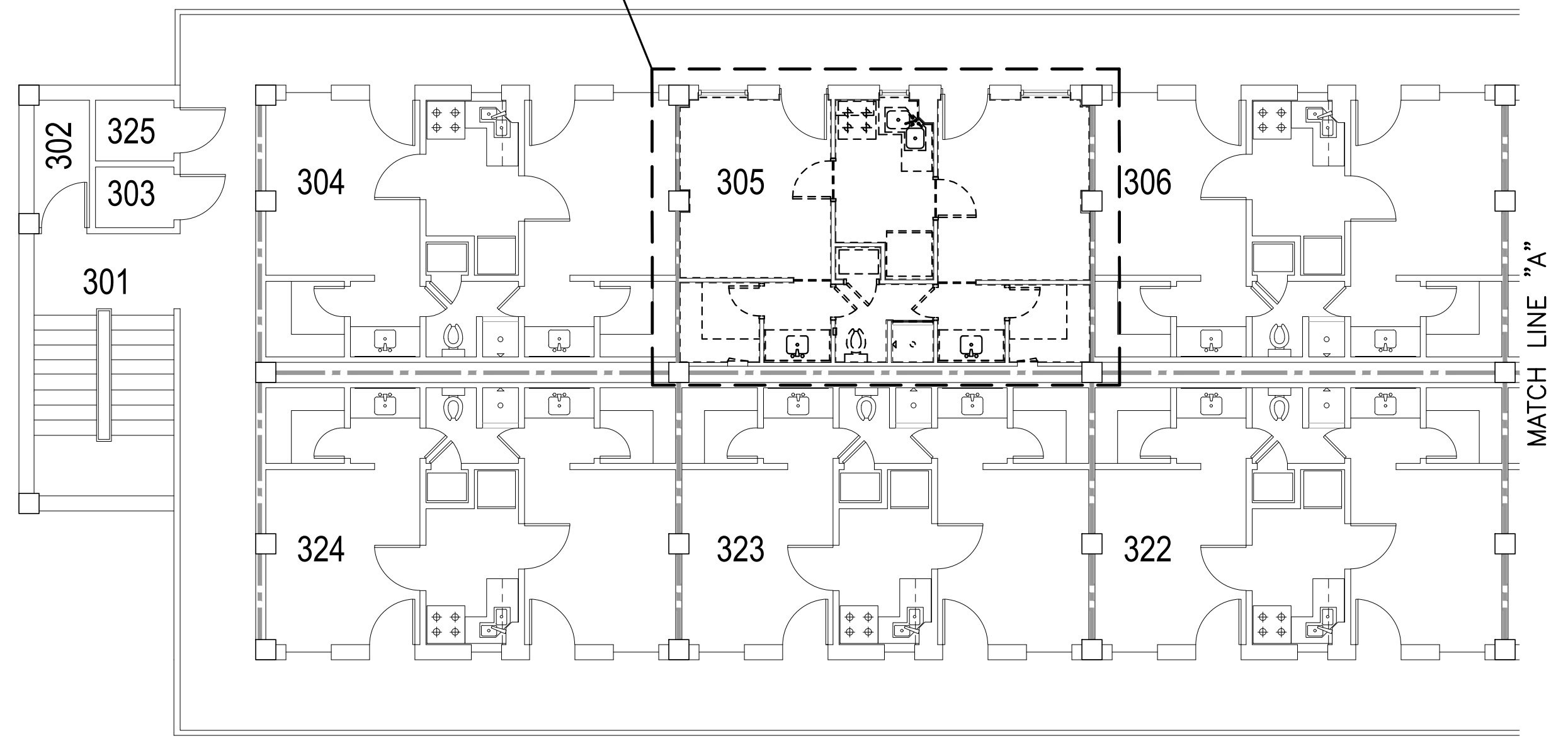
**SUITE 307 WALL DEMOLITION NOTE**

- (D16) EXISTING WALL (ALL STUDS AND GYPSUM BOARD THIS LOCATION) TO BE REMOVED IN SUITE 307.

**GENERAL DEMOLITION NOTE**

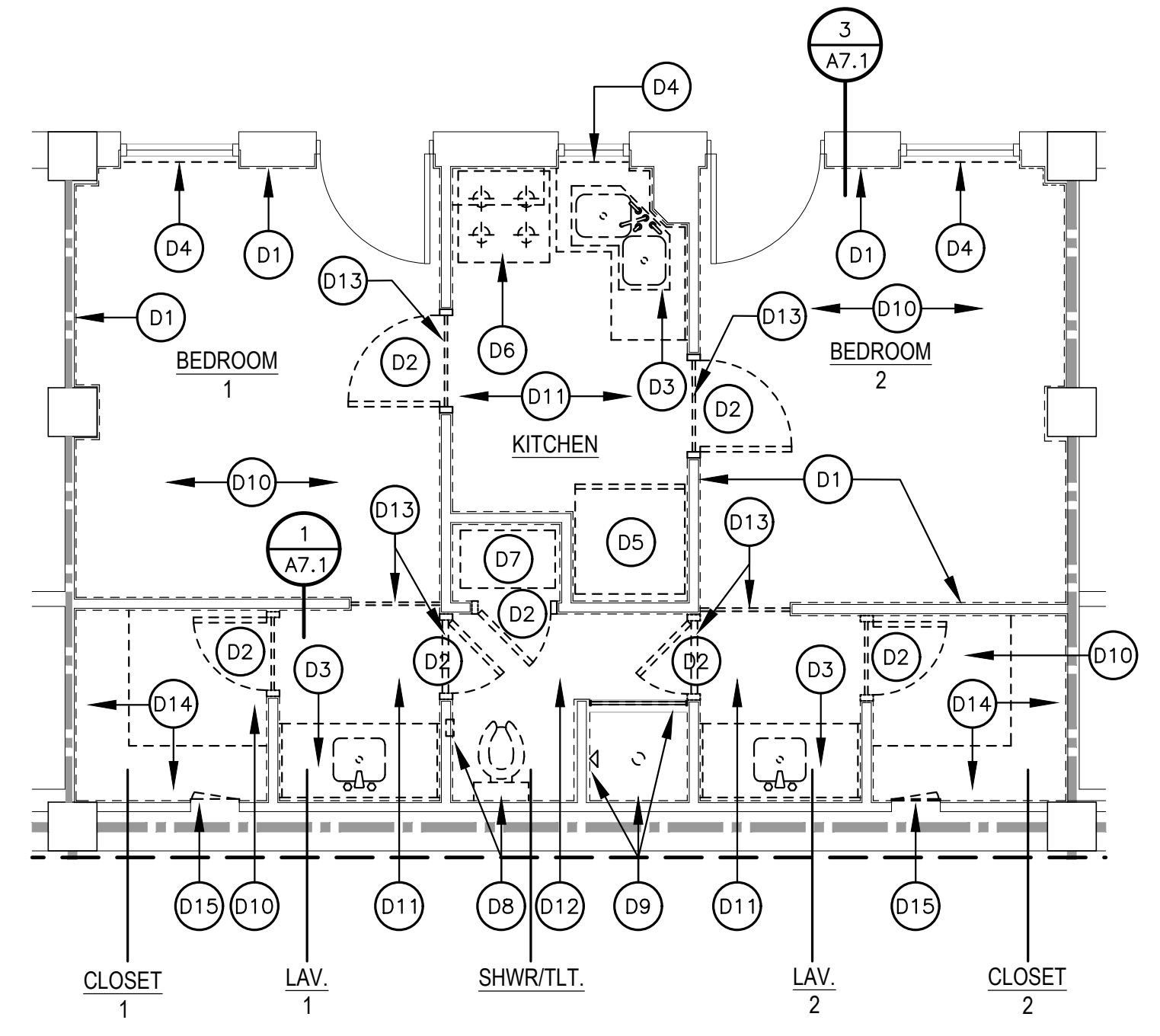
THE ENTIRE INTERIOR OF EACH SUITE WILL BE DEMOLISHED DOWN TO THE EXISTING STUDS, WHICH SHALL REMAIN.

TYPICAL SUITE - RE: ENLARGED TYPICAL SUITE THIRD FLOOR DEMOLITION PLAN THIS SHEET



**THIRD FLOOR DEMOLITION PLAN**

SCALE: 1/8" = 1'-0"



**ENLARGED TYPICAL SUITE THIRD FLOOR DEMOLITION PLAN**

SCALE: 1/4" = 1'-0"

**EXISTING FIRE RATING WALL LEGEND**

1-HOUR WALL      - - - - -



Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE  
**THIRD FLOOR  
DEMOLITION PLAN**

SHEET **A2.3** OF **22A**

PROJECT TITLE  
REPAIR DORM BOLO  
B4351

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



Designer	WKB	Project Manager
Drafter	RKF	

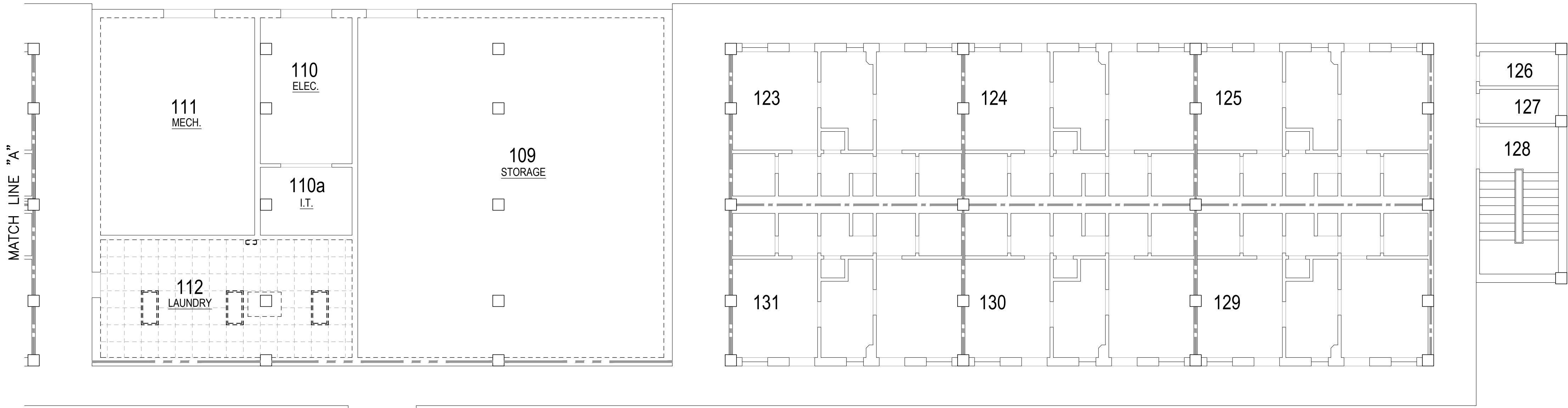
REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE	
FIRST FLOOR CEILING DEMOLITION PLAN	
SHEET	OF
A2.4	22A

PROJECT TITLE  
REPAIR DORM BOLO  
B4351

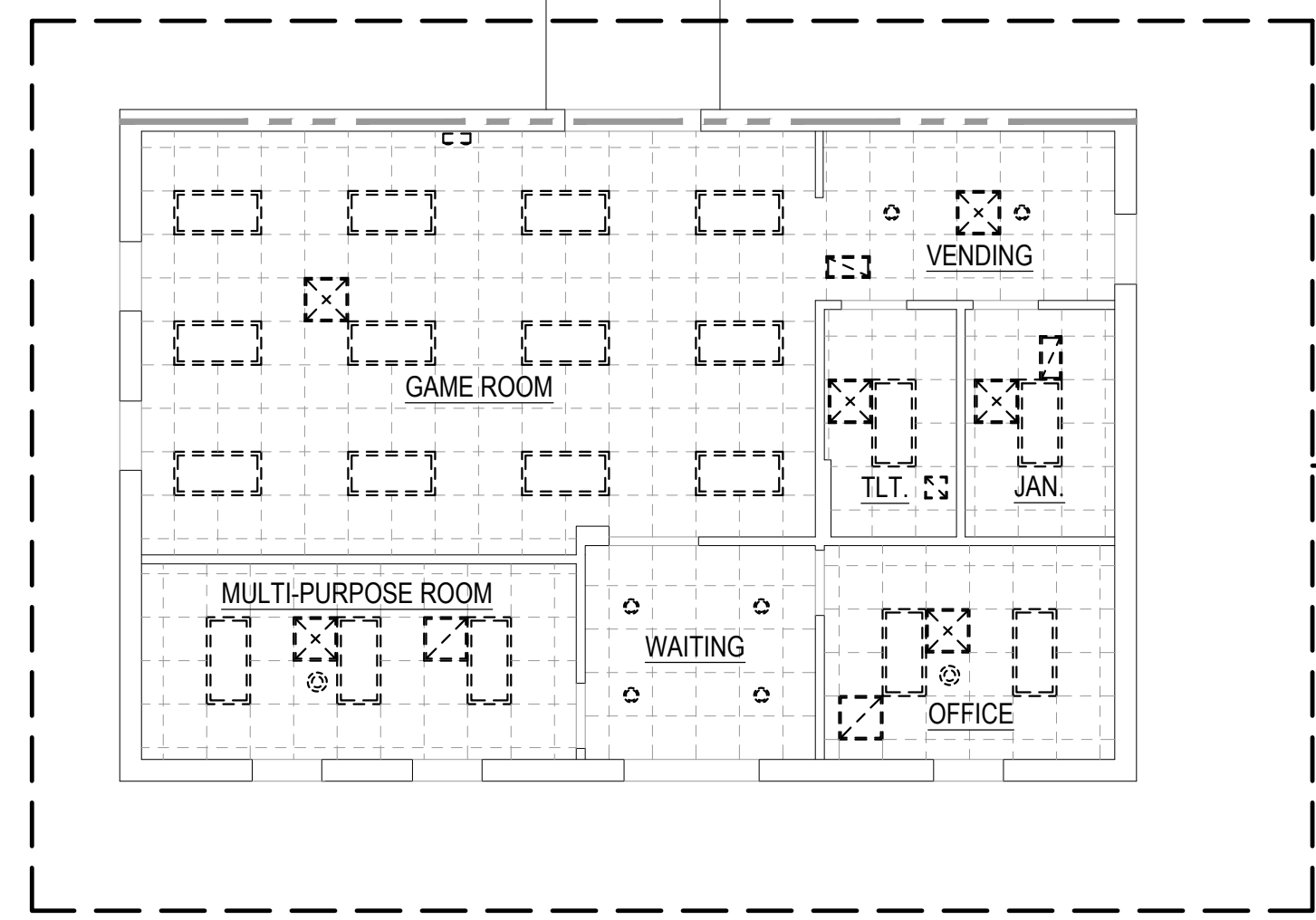
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number	OPP. NO. 1086485
Drawing Number	Facility Number B4351



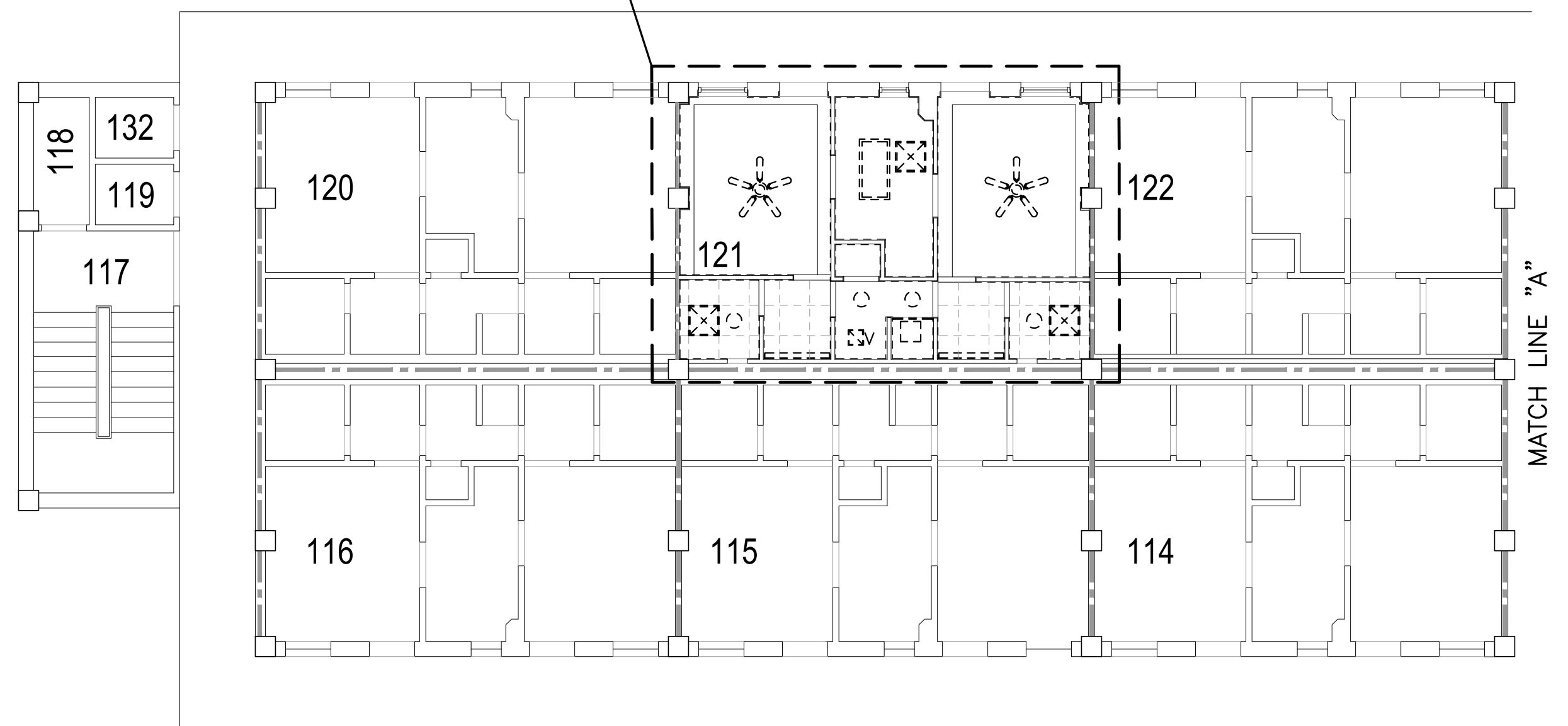
**CEILING DEMOLITION LEGEND**

- EXISTING 2'x2' CEILING TILE AND GRID TO BE REMOVED.
- EXISTING 2'x4' RECESSED LIGHT TO BE REMOVED.
- EXISTING RECESSED CAN LIGHT TO BE REMOVED.
- EXISTING RECESSED LIGHT TO BE REMOVED.
- EXISTING 2'x4' SURFACE MOUNTED LIGHT TO BE REMOVED.
- EXISTING SURFACE MOUNTED LIGHT TO BE REMOVED.
- EXISTING SUPPLY DIFFUSER TO BE REMOVED.
- EXISTING RETURN DIFFUSERS TO BE REMOVED.
- EXISTING VENT TO BE REMOVED.
- EXISTING SPEAKER TO BE REMOVED.
- EXISTING CEILING FAN WITH LIGHT KIT TO BE REMOVED.
- EXISTING WALL SCONCE TO BE REMOVED.
- EXISTING WALL MOUNTED EMERGENCY BACKUP LIGHT TO BE REMOVED.



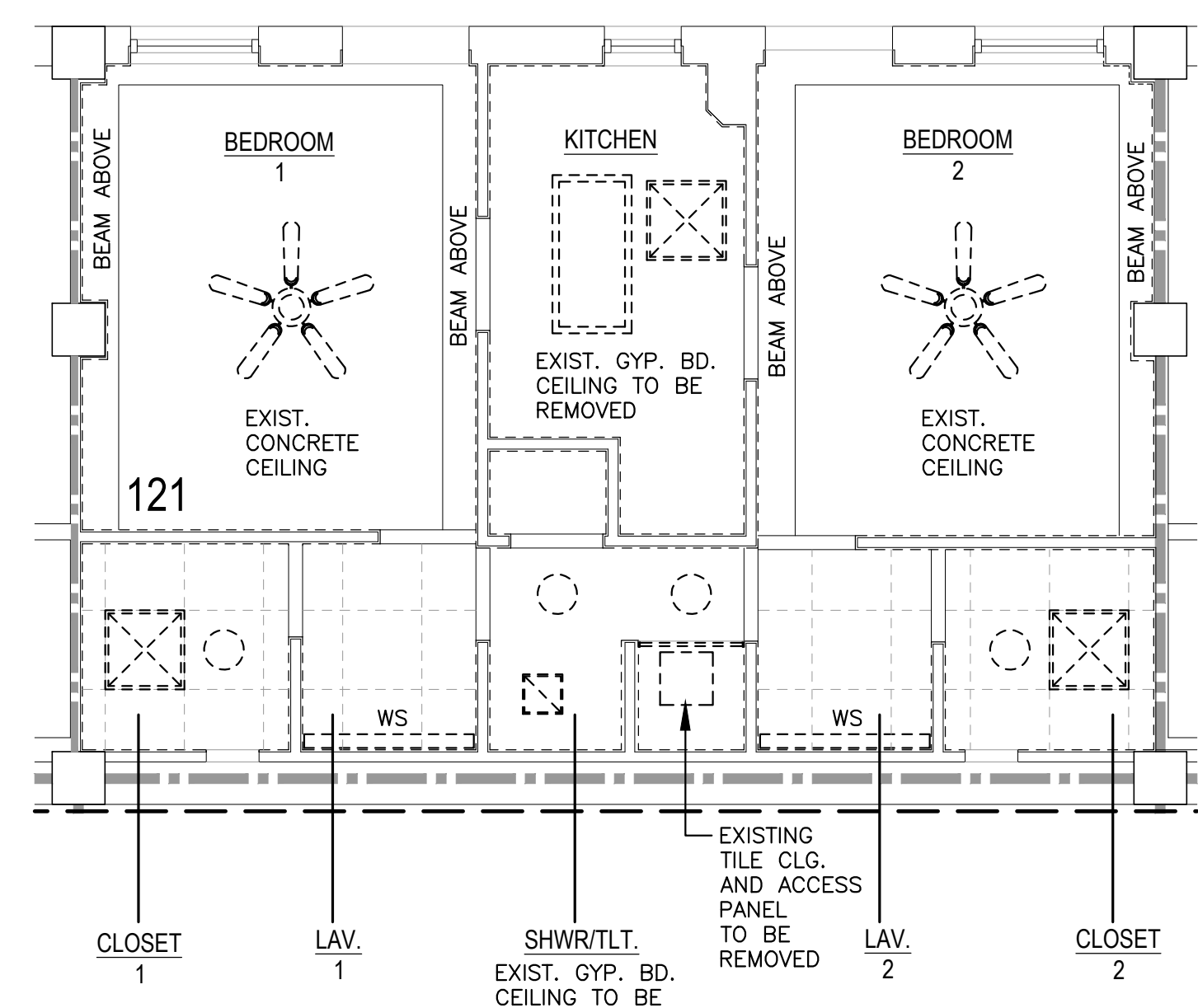
THIS PORTION OF DORMITORY BUILDING HAS NO MOLD. GYPSUM BOARD DOES NOT GET DEMOLISHED OR REPLACED. IT DOES GET NEW CEILING TILE & GRID, LIGHTS, AND DIFFUSERS.

TYPICAL SUITE - RE: ENLARGED TYPICAL SUITE FIRST FLOOR CEILING DEMOLITION PLAN THIS SHEET



**FIRST FLOOR CEILING DEMOLITION PLAN**

SCALE: 1/8" = 1'-0"



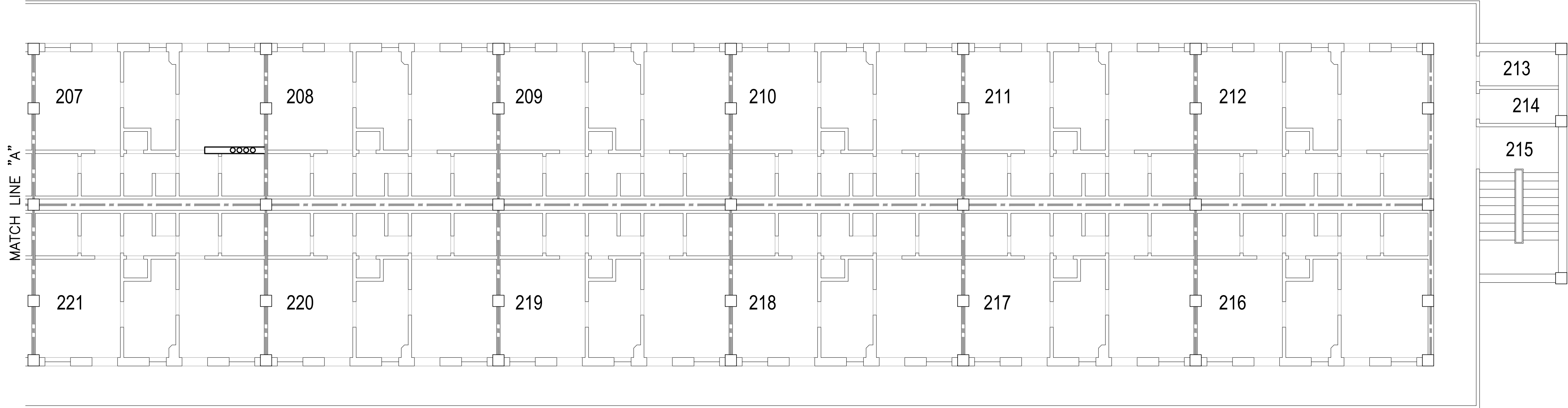
**ENLARGED TYPICAL SUITE FIRST FLOOR CEILING DEMOLITION PLAN**

SCALE: 1/4" = 1'-0"



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

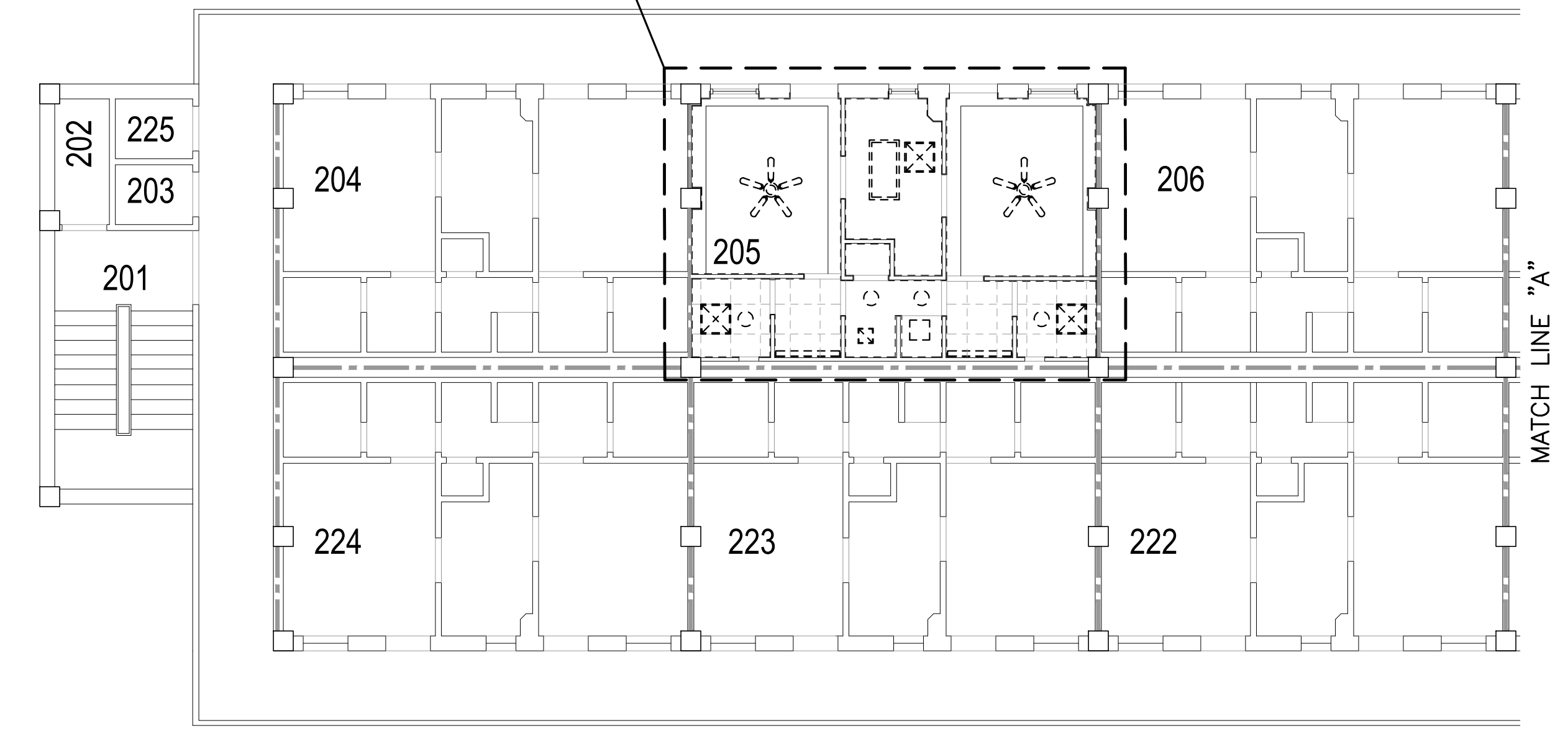
APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Commission Engineer
	Protective Coating Eng.



**CEILING DEMOLITION LEGEND**

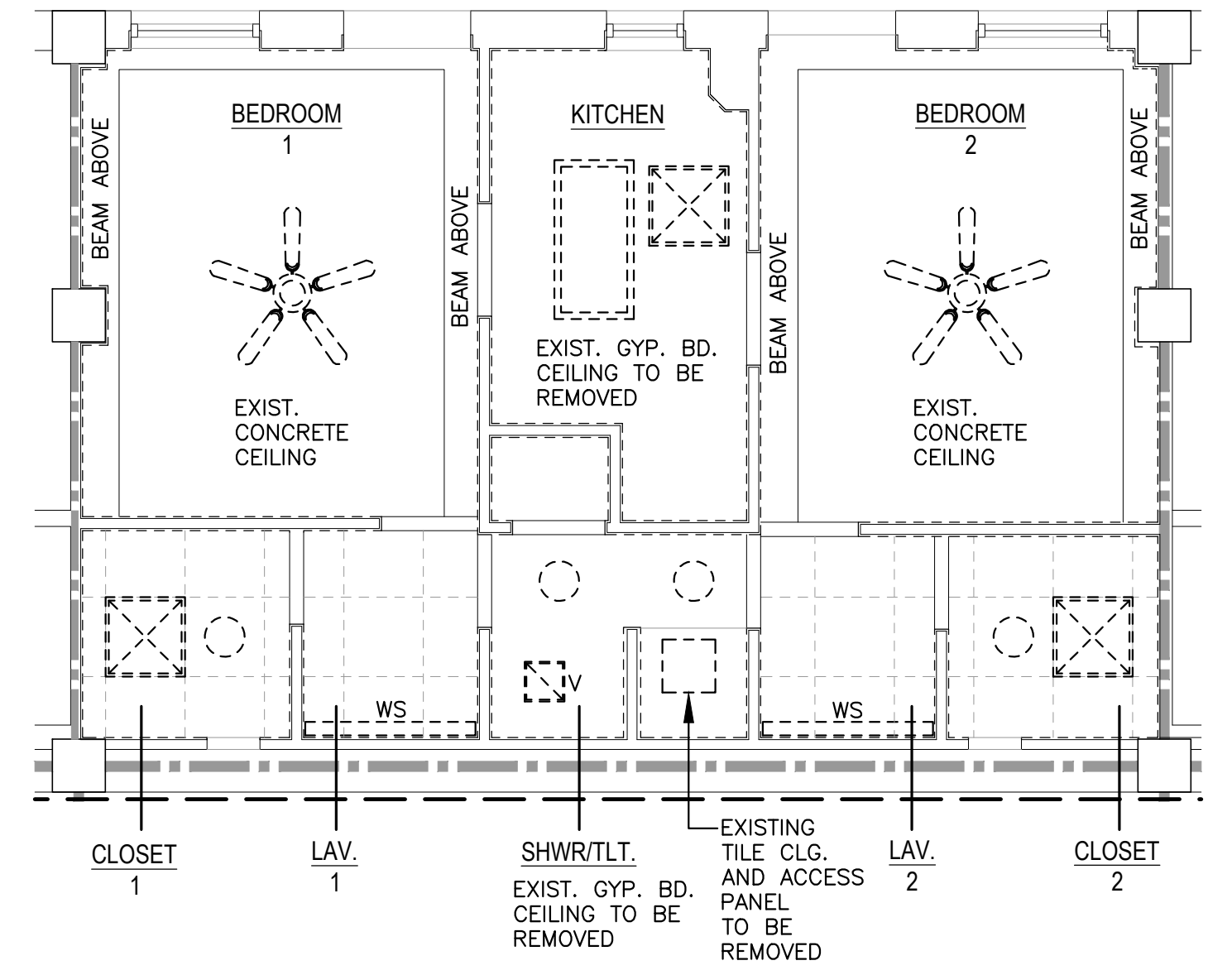
- EXISTING 2'x2' CEILING TILE AND GRID TO BE REMOVED.
- EXISTING RECESSED LIGHT TO BE REMOVED.
- EXISTING 2'x4' SURFACE MOUNTED LIGHT TO BE REMOVED.
- EXISTING SURFACE MOUNTED LIGHT TO BE REMOVED.
- EXISTING SUPPLY DIFFUSER TO BE REMOVED.
- EXISTING VENT TO BE REMOVED.
- EXISTING CEILING FAN WITH LIGHT KIT TO BE REMOVED.
- EXISTING WALL SCONCE TO BE REMOVED.

TYPICAL SUITE – RE: ENLARGED TYPICAL SUITE SECOND FLOOR CEILING DEMOLITION PLAN THIS SHEET



**SECOND FLOOR CEILING DEMOLITION PLAN**

SCALE: 1/8" = 1'-0"



**ENLARGED TYPICAL SUITE SECOND FLOOR CEILING DEMOLITION PLAN**

SCALE: 1/4" = 1'-0"

**EXISTING FIRE RATING WALL LEGEND**

1-HOUR WALL



Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE  
**SECOND FLOOR CEILING DEMOLITION PLAN**

SHEET **A2.5** OF **22A**

PROJECT TITLE  
REPAIR DORM BOLO B4351  
BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**  
Drawing Number  
**B4351**



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



Designer	WKB	Project Manager
Drafter	RKF	

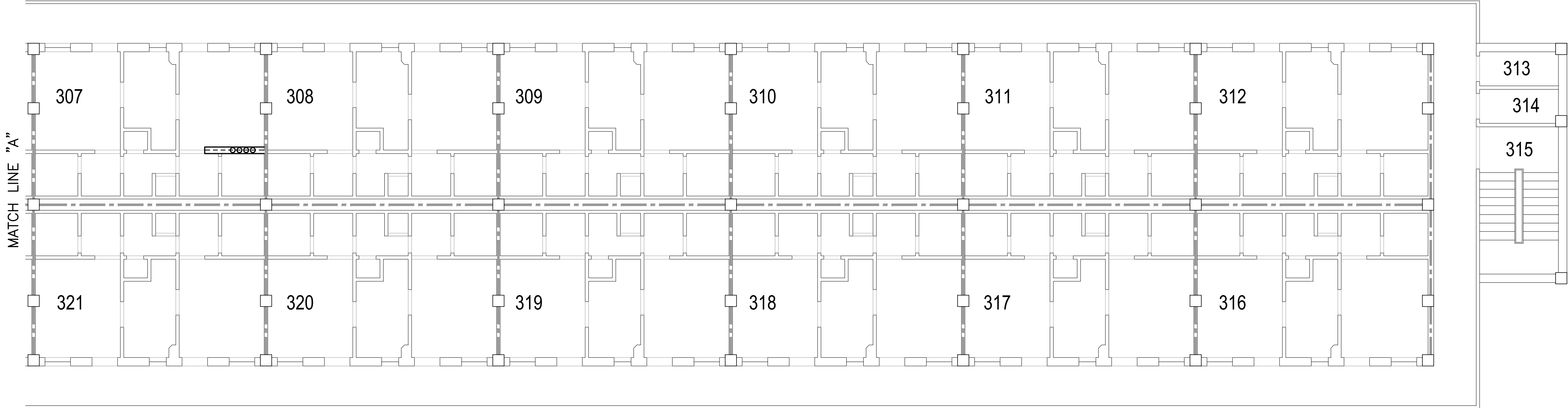
REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE  
**THIRD FLOOR CEILING DEMOLITION PLAN**

SHEET	A2.6	OF	22A
-------	------	----	-----

PROJECT TITLE  
REPAIR DORM BOLO B4351  
BARKSDALE AIR FORCE BASE, LOUISIANA 71110

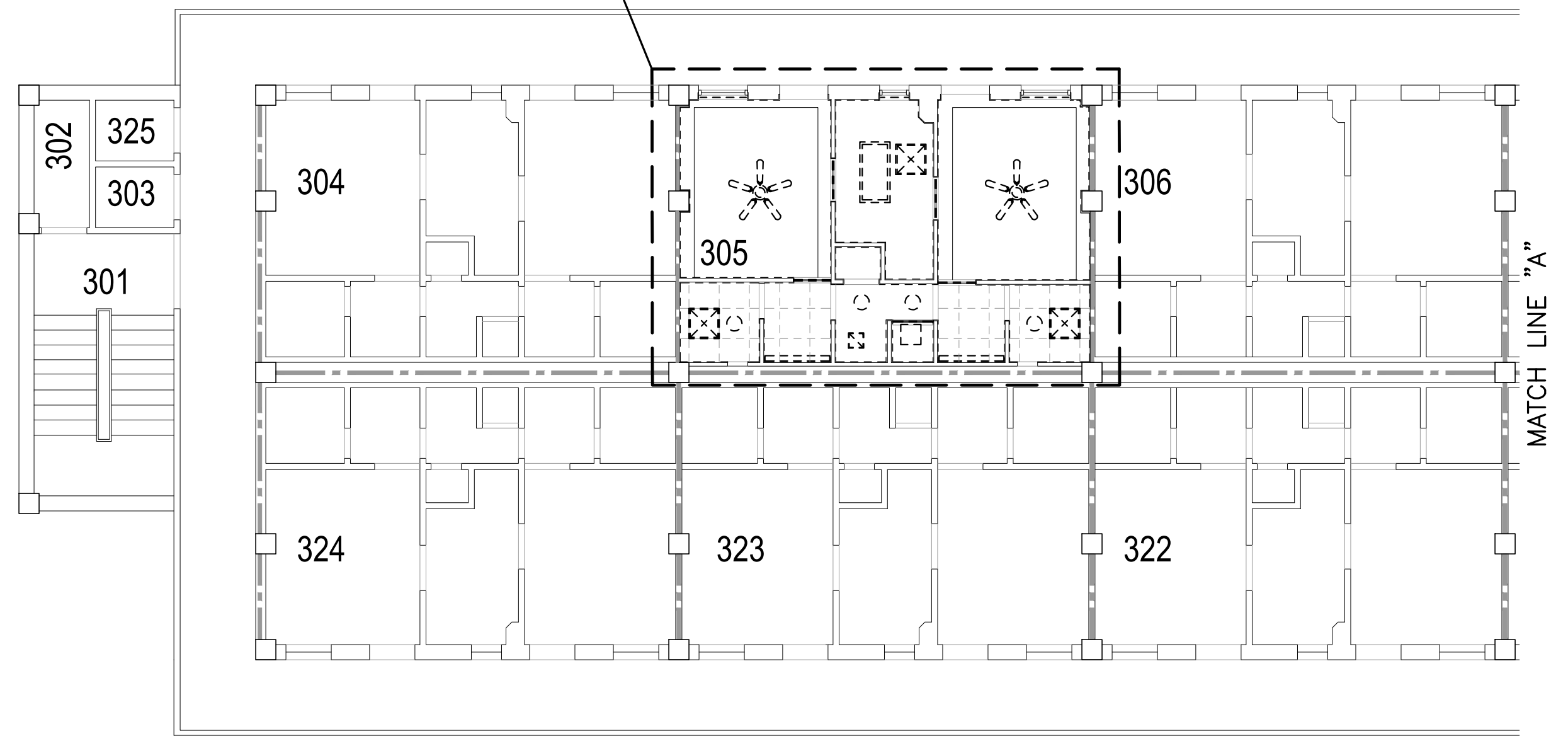
Project Number	OPP. NO. 1086485
Drawing Number	Facility Number B4351



**CEILING DEMOLITION LEGEND**

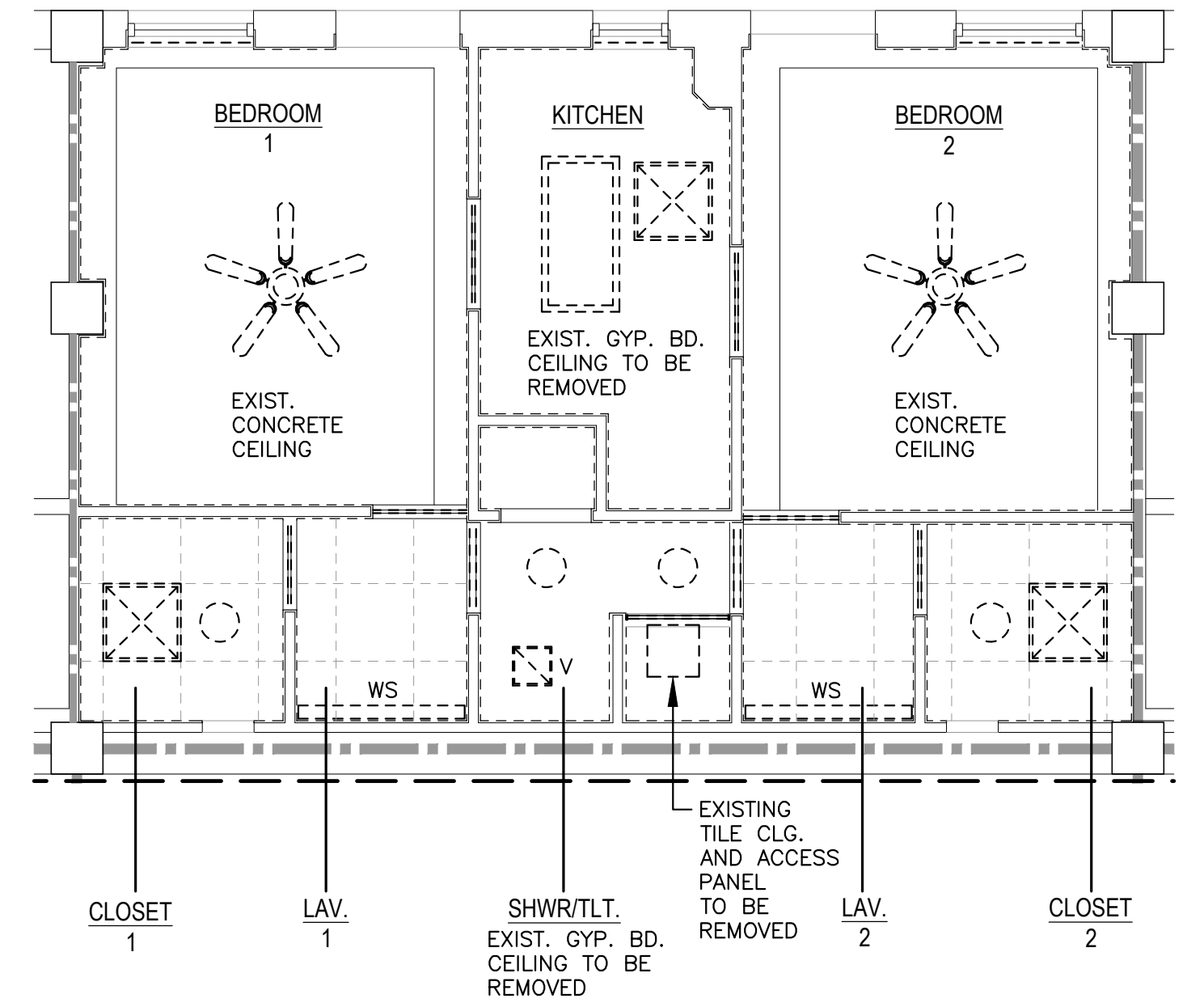
- EXISTING 2'x2' CEILING TILE AND GRID TO BE REMOVED.
- EXISTING RECESSED LIGHT TO BE REMOVED.
- EXISTING 2'x4' SURFACE MOUNTED LIGHT TO BE REMOVED.
- EXISTING SURFACE MOUNTED LIGHT TO BE REMOVED.
- EXISTING SUPPLY DIFFUSER TO BE REMOVED.
- EXISTING VENT TO BE REMOVED.
- EXISTING CEILING FAN WITH LIGHT KIT TO BE REMOVED.
- EXISTING WALL SCONCE TO BE REMOVED.

TYPICAL SUITE — RE: ENLARGED TYPICAL SUITE THIRD FLOOR CEILING DEMOLITION PLAN THIS SHEET



**THIRD FLOOR CEILING DEMOLITION PLAN**

SCALE: 1/8" = 1'-0"



**ENLARGED TYPICAL SUITE THIRD FLOOR CEILING DEMOLITION PLAN**

SCALE: 1/4" = 1'-0"

**EXISTING FIRE RATING WALL LEGEND**

1-HOUR WALL





**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

**APPROVED**

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

**COORDINATION**

	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

**DESIGN FIRM**



Designer	WKB	Project Manager	
Drafter	RKF		

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE  
**FIRST FLOOR PLAN**

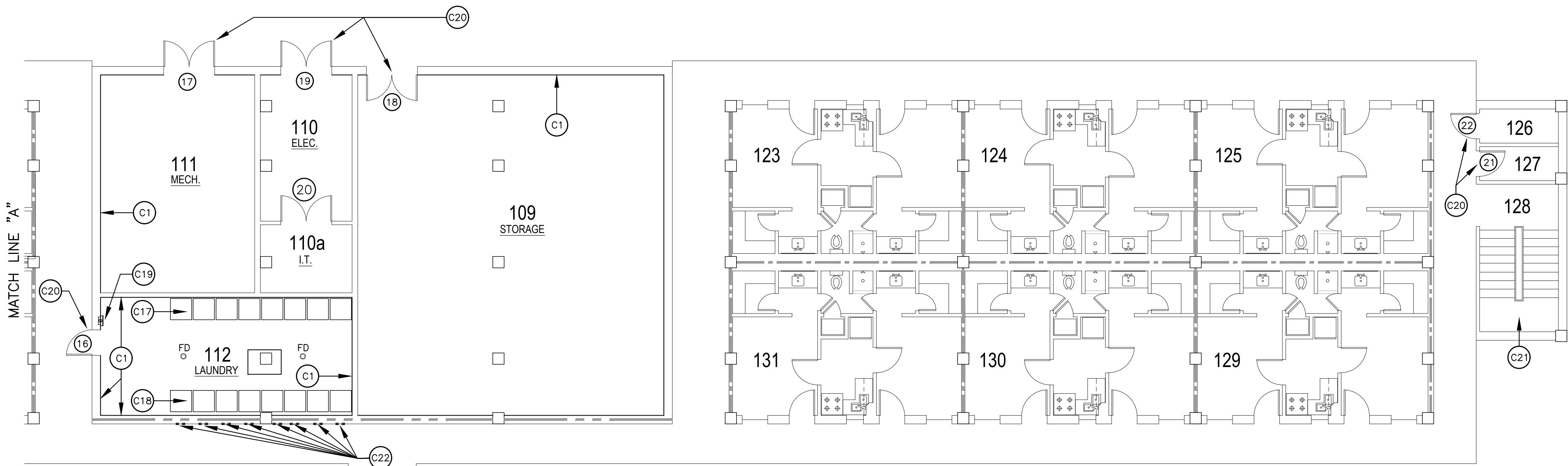
SHEET **A3.1** OF **22A**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**



**CONSTRUCTION NOTES**

- C1 NEW 5/8" TYPE "X" GYPSUM BOARD - TAPE, FLOAT, TEXTURE, PRIME, AND PAINT MIN. 2 COATS (TYP.). PRIOR TO INSTALLATION OF NEW GYPSUM BOARD, PROVIDE AND INSTALL NEW MINERAL WOOL INSULATION IN ALL INTERIOR WALLS. RE: WALL SECTIONS ON SHEET A7.1 FOR DETAILED INFORMATION. INSTALL NEW 2 1/2" RIGID INSULATION BOARD AT ALL EXTERIOR WALLS.
- C2 NEW DOORS AND FRAMES - RE: DOOR SCHEDULE FOR DETAILED INFORMATION.
- C3 NEW MILLWORK AND SINKS - RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C4 NEW MINI BLINDS AND CURTAINS - EXACT TYPES TO BE DETERMINED.
- C5 NEW REFRIGERATOR - SIZE AND TYPE TO BE DETERMINED.
- C6 NEW OVEN - SIZE AND TYPE TO BE DETERMINED.
- C7 NEW HVAC SYSTEM - RE: MECHANICAL DRAWINGS.
- C8 NEW TOILET AND PAPER HOLDER - RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C9 NEW SHOWER ACCESSORIES, SHOWER TILE, TILE BACKER BOARD, AND TILED SHOWER CURB. RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C10 NEW CARPET - RE: FINISH SCHEDULE FOR DETAILED INFORMATION.
- C11 NEW VCT - RE: FINISH SCHEDULE FOR DETAILED INFORMATION.
- C12 NEW FLOOR TILE - RE: FINISH SCHEDULE FOR DETAILED INFORMATION.
- C13 NEW FLOORING THRESHOLDS.
- C14 NEW 3/4" PLYWOOD SHELVING - PRIME AND PAINT MIN. 2 COATS - COLOR WHITE. RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C15 NEW LOCKABLE S.S. ACCESS PANEL IN CLOSETS THIS LOCATION - MATCH EXISTING SIZE AND TYPE OF EXISTING ACCESS PANEL.
- C16 NEW PLUMBING FIXTURES - RE: MECHANICAL DRAWINGS.
- C17 NEW WASHING MACHINES - RE: MECHANICAL DRAWINGS.
- C18 NEW DRYERS - RE: MECHANICAL DRAWINGS.
- C19 NEW SEMI-RECESSED FIRE EXTINGUISHER CABINETS WITH NEW FIRE EXTINGUISHER.
- C20 EXISTING DOOR AND FRAME - THOROUGHLY SCRAPE, SAND, CLEAN, PRIME, AND PAINT BOTH DOOR AND FRAME. PROVIDE NEW DOOR HARDWARE TO MATCH NEW HARDWARE THROUGHOUT. PROVIDE NEW DOOR SEALS AND SWEEPS TO MAKE WATER-TIGHT.
- C21 THOROUGHLY SCRAPE, SAND, PRIME, AND PAINT ALL STEEL STAIRS AND HANDRAILS MIN. 2 COATS OR AS REQ'D.
- C22 NEW EXTERIOR DRYER VENTS - MATCH EXISTING SIZE, TYPE, AND STYLE.

**GENERAL CONSTRUCTION NOTES**

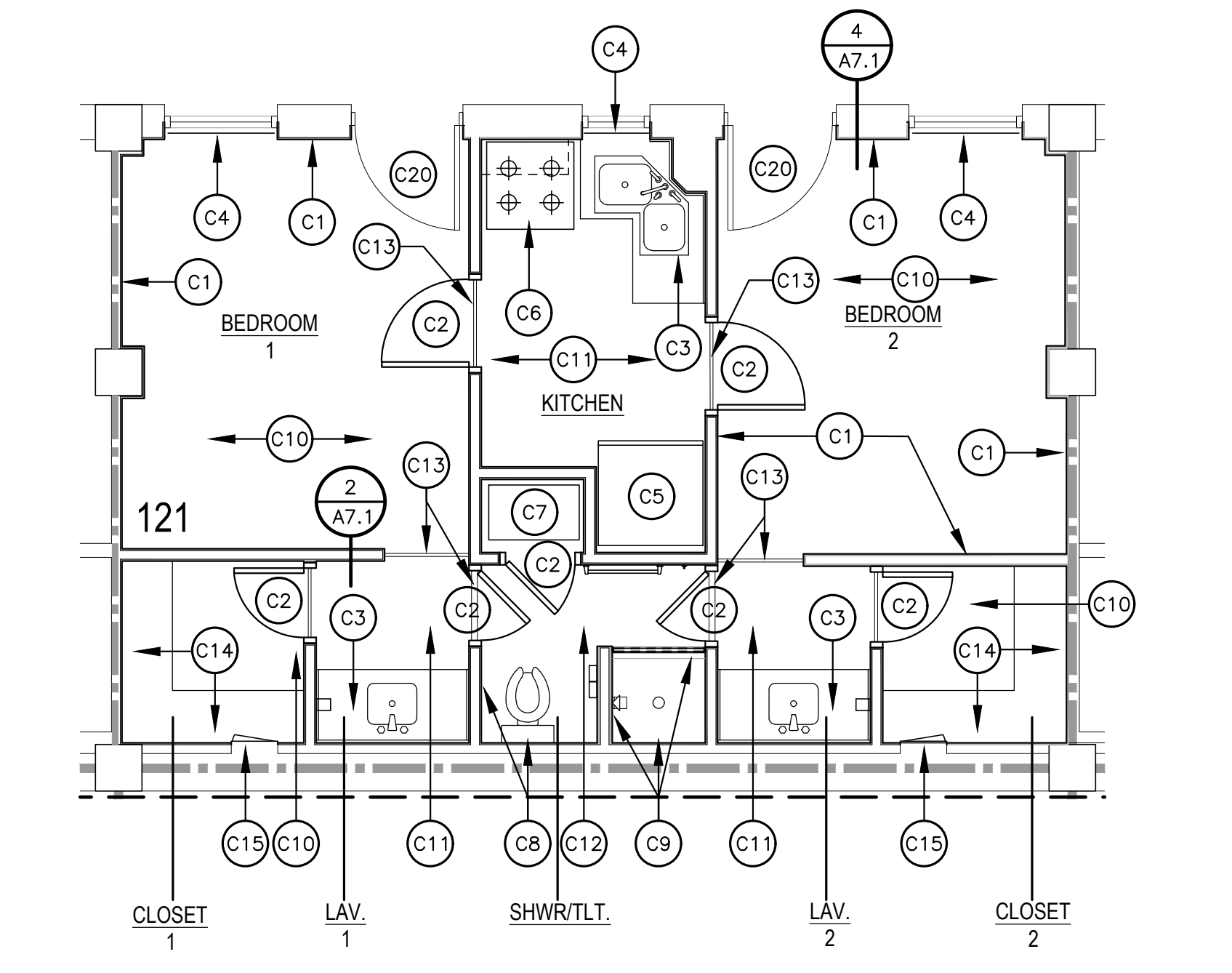
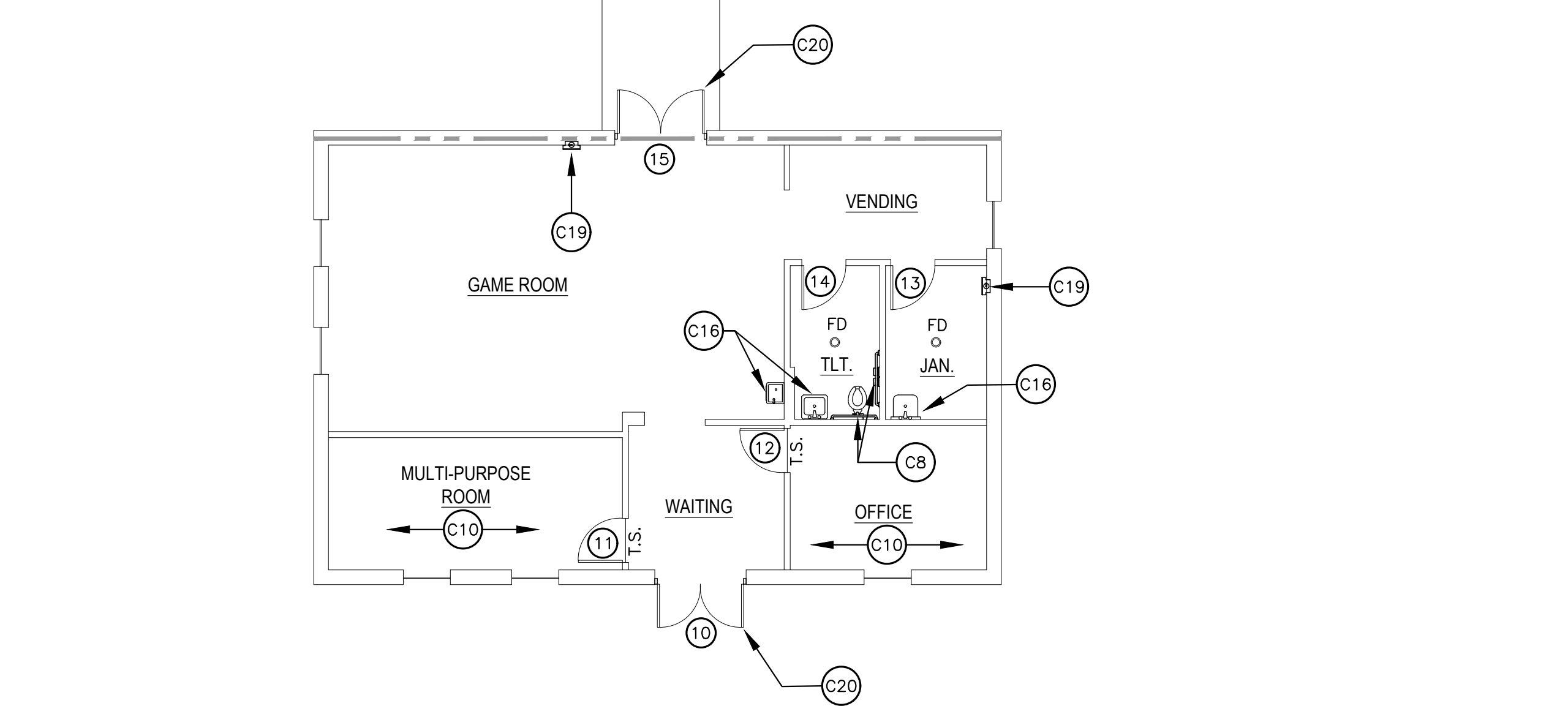
1. ANTICIPATE REPLACING 10% OF EXISTING METAL STUDS AND TRACKS W/ NEW. "KNOCK DOWN" DOOR FRAMES ARE NOT ALLOWED.
2. CONTRACTOR TO PROPERLY SEAL ALL EXISTING PENETRATIONS BETWEEN FLOORS, ROOMS, AND FIRE WALLS.

**SHWR/TLT. ROOM GYPSUM BOARD NOTE**

ALL 5/8" THICK GYPSUM BOARD USED IN SHWR/TLT ROOM LOCATION TO BE WATER RESISTANT (GREEN BOARD).

**EXISTING FIRE RATING WALL LEGEND**

- 1-HOUR WALL
- 2-HOUR WALL



**NEW FIRST FLOOR PLAN**

SCALE: 1/8" = 1'-0"

**ENLARGED TYPICAL SUITE FIRST FLOOR PLAN**

SCALE: 1/4" = 1'-0"



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

**APPROVED**

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
<b>COORDINATION</b>	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE  
**SECOND FLOOR PLAN**

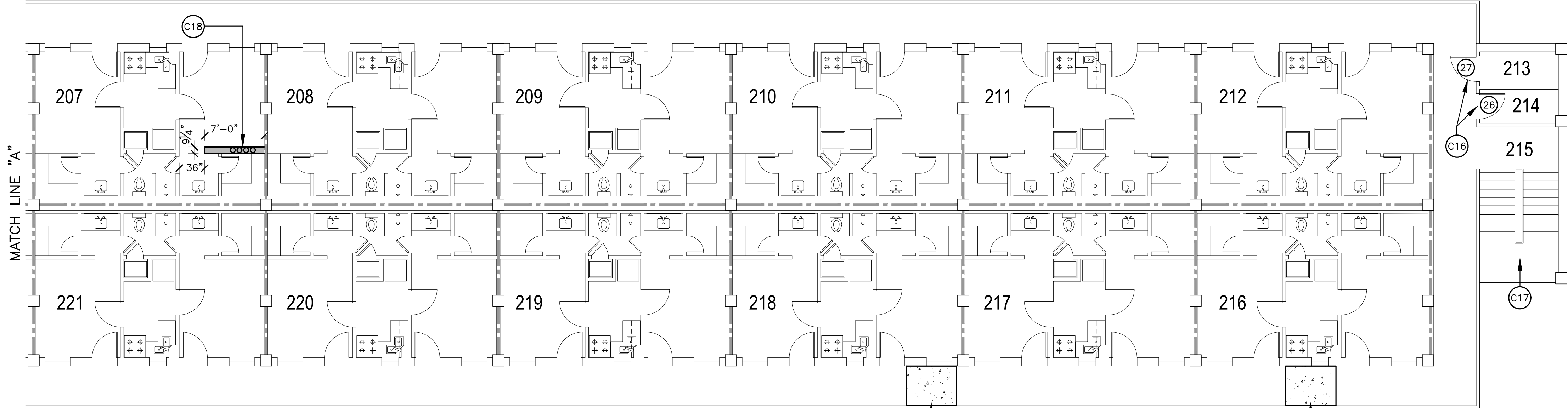
SHEET **A3.2** OF **22A**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

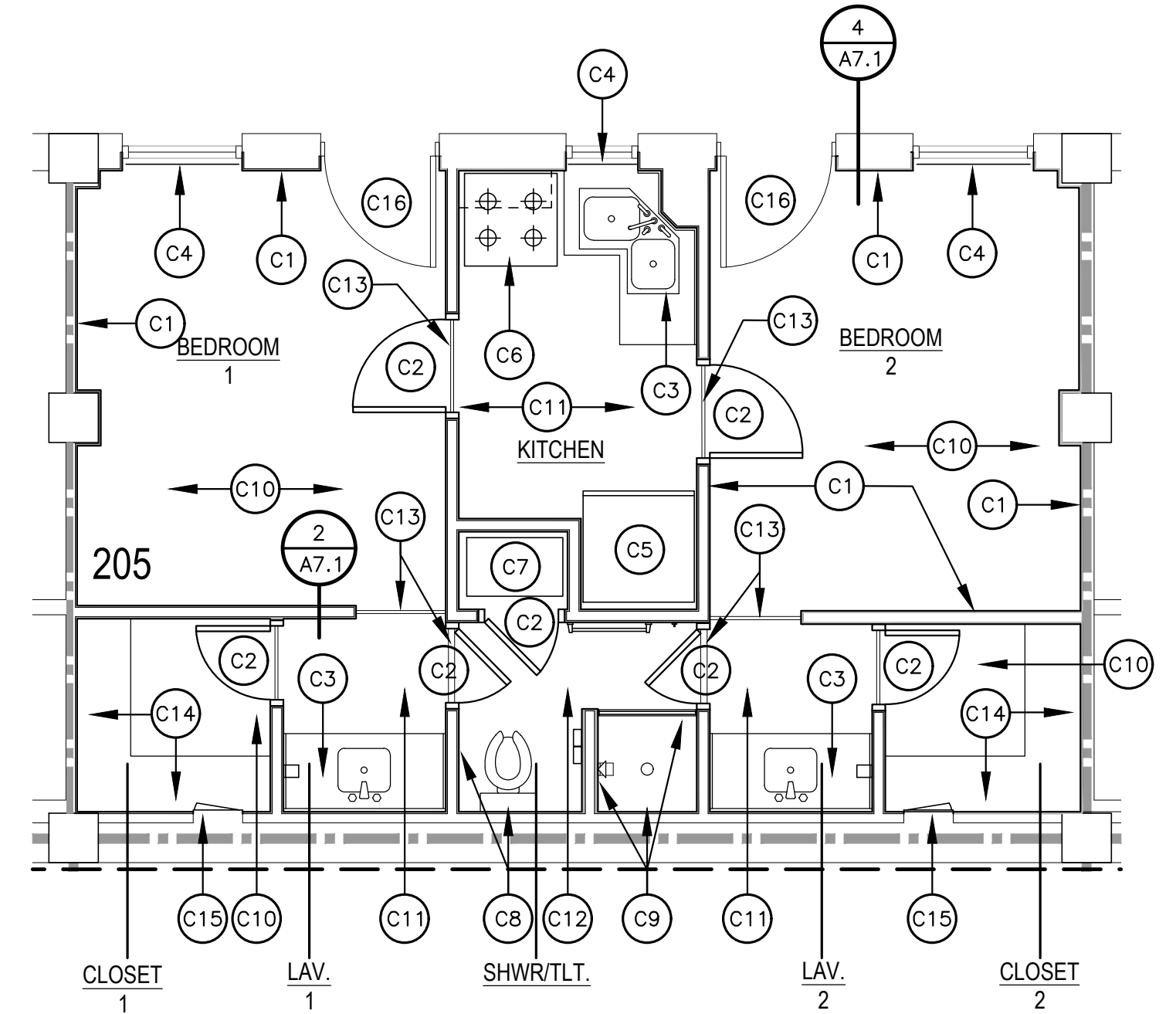
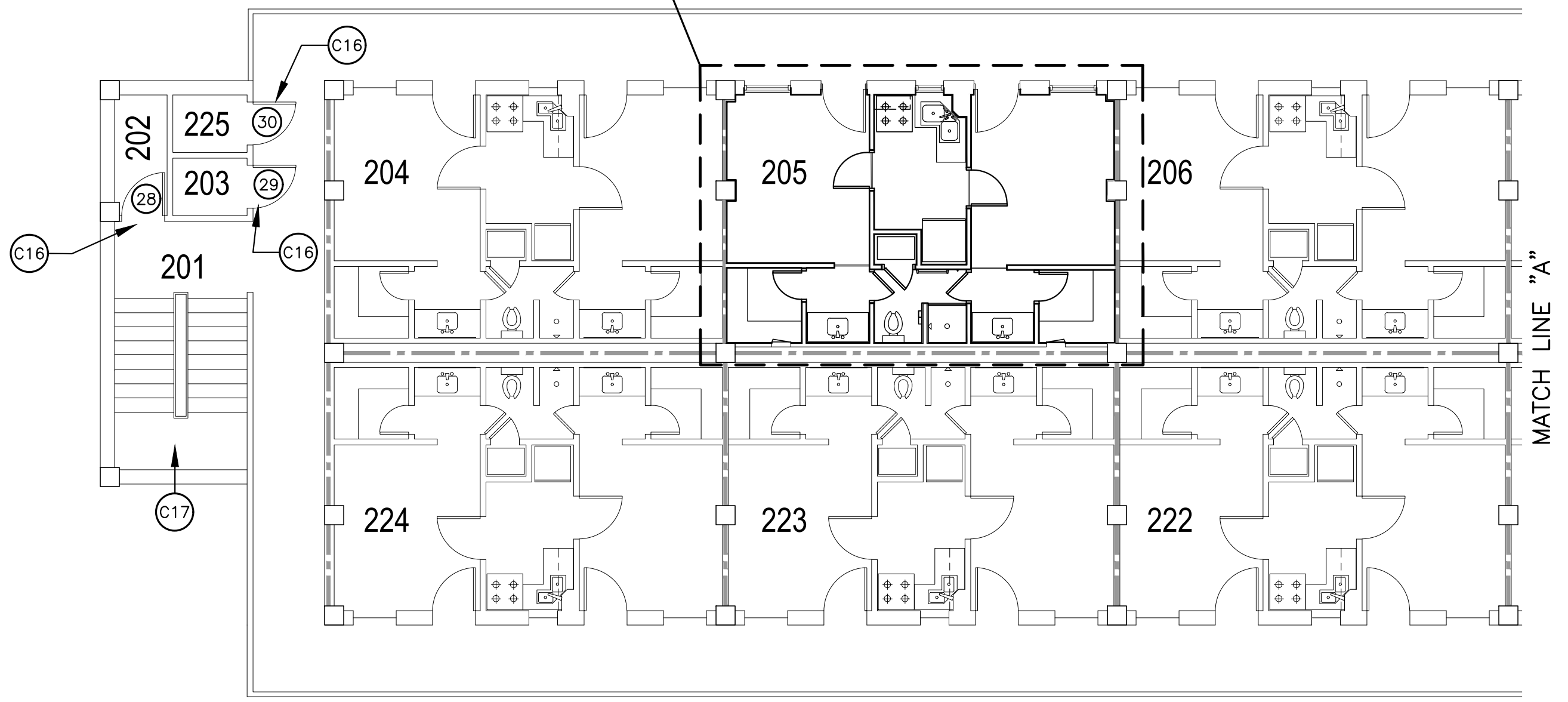


**CONSTRUCTION NOTES**

- C1 NEW 5/8" TYPE "X" GYPSUM BOARD - TAPE, FLOAT, TEXTURE, PRIME, AND PAINT MIN. 2 COATS (TYP.). PRIOR TO INSTALLATION OF NEW GYPSUM BOARD, PROVIDE AND INSTALL NEW MINERAL WOOL INSULATION IN ALL INTERIOR WALLS. RE: WALL SECTIONS ON SHEET A7.1 FOR DETAILED INFORMATION. INSTALL NEW 2 1/2" RIGID INSULATION BOARD AT ALL EXTERIOR WALLS.
- C2 NEW DOORS AND FRAMES - RE: DOOR SCHEDULE FOR DETAILED INFORMATION.
- C3 NEW MILLWORK AND SINKS - RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C4 NEW MINI BLINDS AND CURTAINS - EXACT TYPES TO BE DETERMINED.
- C5 NEW REFRIGERATOR - SIZE AND TYPE TO BE DETERMINED.
- C6 NEW OVEN - SIZE AND TYPE TO BE DETERMINED.
- C7 NEW HVAC SYSTEM - RE: MECHANICAL DRAWINGS.
- C8 NEW TOILET AND PAPER HOLDER - RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C9 NEW SHOWER ACCESSORIES, SHOWER TILE, TILE BACKER BOARD, AND TILED SHOWER CURB. RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C10 NEW CARPET - RE: FINISH SCHEDULE FOR DETAILED INFORMATION.
- C11 NEW VCT - RE: FINISH SCHEDULE FOR DETAILED INFORMATION.
- C12 NEW FLOOR TILE - RE: FINISH SCHEDULE FOR DETAILED INFORMATION.
- C13 NEW FLOORING THRESHOLDS.
- C14 NEW 3/4" PLYWOOD SHELVING - PRIME AND PAINT MIN. 2 COATS - COLOR WHITE. RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C15 NEW LOCKABLE S.S. ACCESS PANEL IN CLOSETS THIS LOCATION - MATCH EXISTING SIZE AND TYPE OF EXISTING ACCESS PANEL.
- C16 EXISTING DOOR AND FRAME - THOROUGHLY SCRAPE, SAND, CLEAN, PRIME, AND PAINT BOTH DOOR AND FRAME. PROVIDE NEW DOOR HARDWARE TO MATCH NEW HARDWARE THROUGHOUT. PROVIDE NEW DOOR SEALS AND SWEEPS TO MAKE WATER-TIGHT.
- C17 THOROUGHLY SCRAPE, SAND, PRIME, AND PAINT ALL STEEL STAIRS AND HANDRAILS MIN. 2 COATS OR AS REQ'D.

CHIP OUT OR BRUSH HAMMER 1.5" OF EXISTING CONCRETE WHERE POSITIVE SLOPE AWAY FROM BUILDING DOES NOT OCCUR (APPROXIMATELY IN TWO LOCATIONS). INSTALL NEW HIGH-STRENGTH CONCRETE COMPOUND TO SLOPE AWAY FROM BUILDING.

TYPICAL SUITE - RE: ENLARGED TYPICAL SUITE SECOND FLOOR PLAN THIS SHEET



**SUITE 207 NEW WALL NOTE**

- C18 NEW 8" 20 GA. STUDS @ 16" O.C. W/ 5/8" TYPE "X" GYPSUM BOARD EACH SIDE. TAPE, FLOAT, TEXTURE, PRIME, AND PAINT MIN. 2 COATS. RE: MECHANICAL DRAWINGS FOR PIPING INFORMATION IN NEW WALL.

**GENERAL CONSTRUCTION NOTES**

1. ANTICIPATE REPLACING 10% OF EXISTING METAL STUDS AND TRACKS W/ NEW. "KNOCK DOWN" DOOR FRAMES ARE NOT ALLOWED.
2. CONTRACTOR TO PROPERLY SEAL ALL EXISTING PENETRATIONS BETWEEN FLOORS, ROOMS, AND FIRE WALLS.

**SHWR/TLT. ROOM GYPSUM BOARD NOTE**

ALL 5/8" THICK GYPSUM BOARD USED IN SHWR/TLT ROOM LOCATION TO BE WATER RESISTANT (GREEN BOARD).

**EXISTING FIRE RATING WALL LEGEND**

1-HOUR WALL - - - - -

**SECOND FLOOR PLAN**

SCALE: 1/8" = 1'-0"

**ENLARGED TYPICAL SUITE SECOND FLOOR PLAN**

SCALE: 1/4" = 1'-0"



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

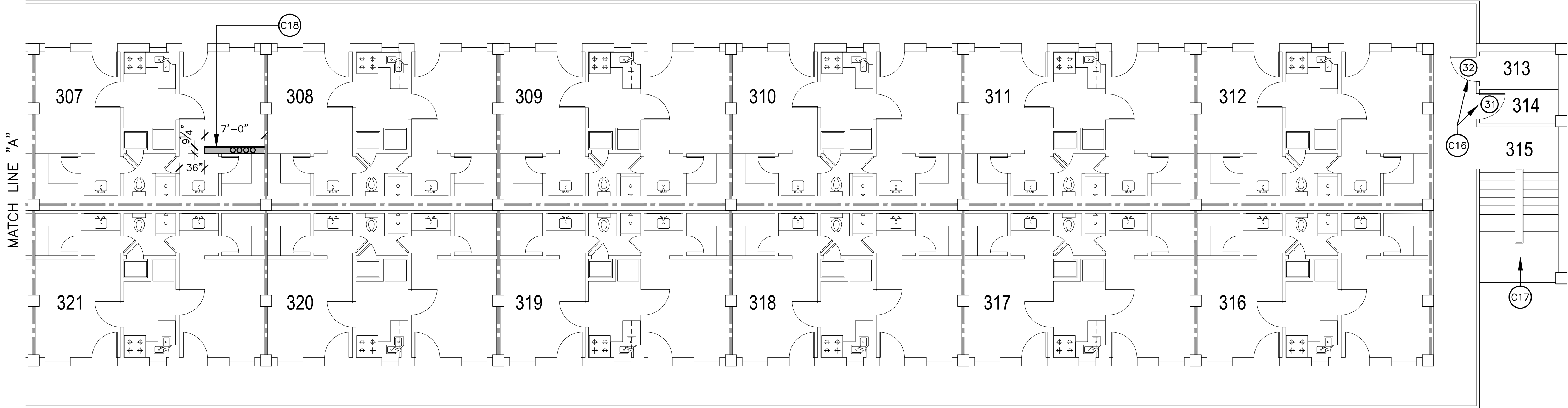
SHEET TITLE  
**THIRD FLOOR PLAN**

SHEET	A3.3	OF	22A
-------	------	----	-----

PROJECT TITLE  
REPAIR DORM BOLO  
B4351

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number	OPP. NO. 1086485
Drawing Number	Facility Number B4351



**CONSTRUCTION NOTES**

- C1 NEW 5/8" TYPE "X" GYPSUM BOARD - TAPE, FLOAT, TEXTURE, PRIME, AND PAINT MIN. 2 COATS (TYP.). PRIOR TO INSTALLATION OF NEW GYPSUM BOARD, PROVIDE AND INSTALL NEW MINERAL WOOL INSULATION IN ALL INTERIOR WALLS. RE: WALL SECTIONS ON SHEET A7.1 FOR DETAILED INFORMATION. INSTALL NEW 2 1/2" RIGID INSULATION BOARD AT ALL EXTERIOR WALLS.
- C2 NEW DOORS AND FRAMES - RE: DOOR SCHEDULE FOR DETAILED INFORMATION.
- C3 NEW MILLWORK AND SINKS - RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C4 NEW MINI BLINDS AND CURTAINS - EXACT TYPES TO BE DETERMINED.
- C5 NEW REFRIGERATOR - SIZE AND TYPE TO BE DETERMINED.
- C6 NEW OVEN - SIZE AND TYPE TO BE DETERMINED.
- C7 NEW HVAC SYSTEM - RE: MECHANICAL DRAWINGS.
- C8 NEW TOILET AND PAPER HOLDER - RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C9 NEW SHOWER ACCESSORIES, SHOWER TILE, TILE BACKER BOARD, AND TILED SHOWER CURB. RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C10 NEW CARPET - RE: FINISH SCHEDULE FOR DETAILED INFORMATION.
- C11 NEW VCT - RE: FINISH SCHEDULE FOR DETAILED INFORMATION.
- C12 NEW FLOOR TILE - RE: FINISH SCHEDULE FOR DETAILED INFORMATION.
- C13 NEW FLOORING THRESHOLDS.
- C14 NEW 3/4" PLYWOOD SHELVING - PRIME AND PAINT MIN. 2 COATS - COLOR WHITE. RE: INTERIOR ELEVATIONS FOR DETAILED INFORMATION.
- C15 NEW LOCKABLE S.S. ACCESS PANEL IN CLOSETS THIS LOCATION - MATCH EXISTING SIZE AND TYPE OF EXISTING ACCESS PANEL.
- C16 EXISTING DOOR AND FRAME - THOROUGHLY SCRAPE, SAND, CLEAN, PRIME, AND PAINT BOTH DOOR AND FRAME. PROVIDE NEW DOOR HARDWARE TO MATCH NEW HARDWARE THROUGHOUT. PROVIDE NEW DOOR SEALS AND SWEEPS TO MAKE WATER-TIGHT.
- C17 THOROUGHLY SCRAPE, SAND, PRIME, AND PAINT ALL STEEL STAIRS AND HANDRAILS MIN. 2 COATS OR AS REQ'D.

**SUITE 307 NEW WALL NOTE**

- C18 NEW 8" 20 GA. STUDS @ 16" O.C. W/ 5/8" TYPE "X" GYPSUM BOARD EACH SIDE. TAPE, FLOAT, TEXTURE, PRIME, AND PAINT MIN. 2 COATS. RE: MECHANICAL DRAWINGS FOR PIPING INFORMATION IN NEW WALL.

**GENERAL CONSTRUCTION NOTES**

1. ANTICIPATE REPLACING 10% OF EXISTING METAL STUDS AND TRACKS W/ NEW. "KNOCK DOWN" DOOR FRAMES ARE NOT ALLOWED.
2. CONTRACTOR TO PROPERLY SEAL ALL EXISTING PENETRATIONS BETWEEN FLOORS, ROOMS, AND FIRE WALLS.

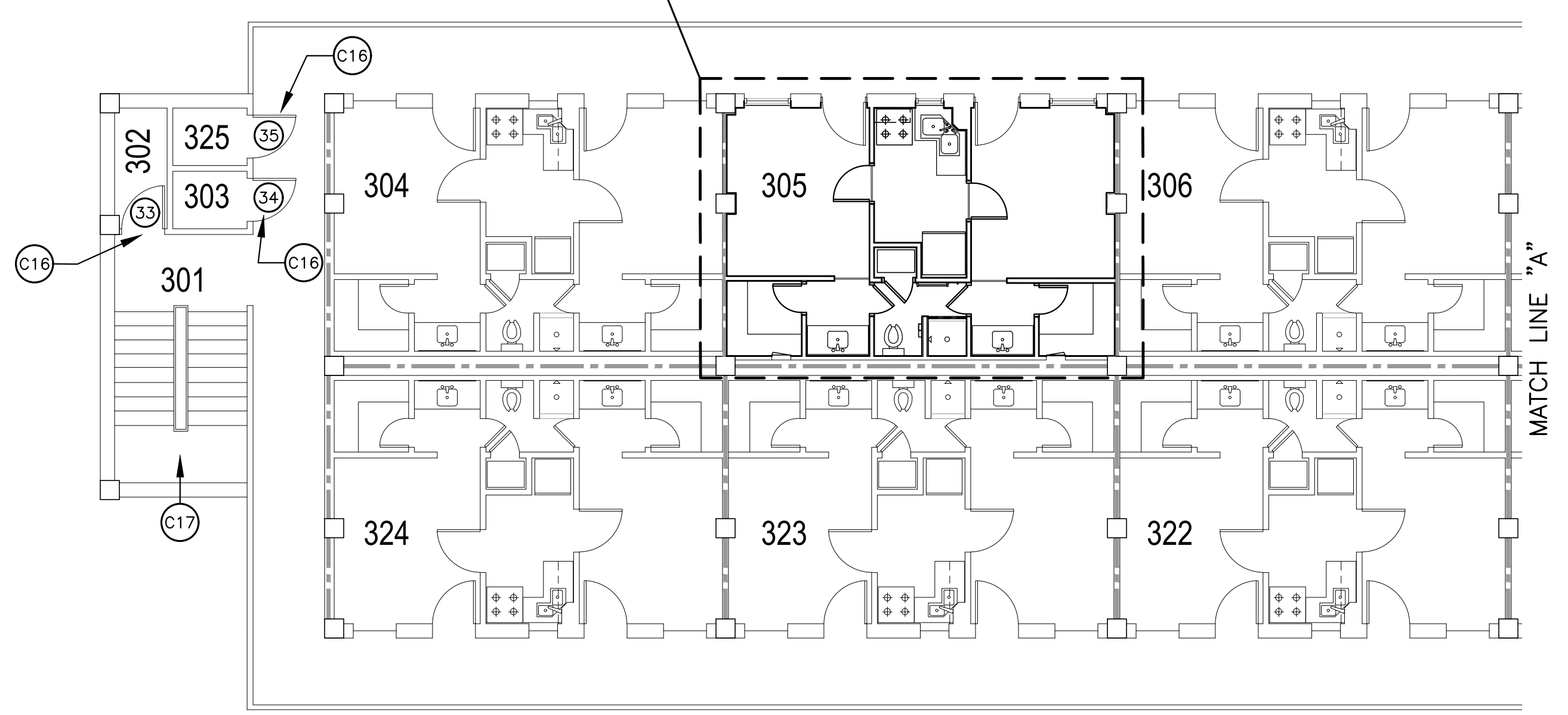
**SHWR/TLT. ROOM GYPSUM BOARD NOTE**

ALL 5/8" THICK GYPSUM BOARD USED IN SHWR/TLT ROOM LOCATION TO BE WATER RESISTANT (GREEN BOARD).

**EXISTING FIRE RATING WALL LEGEND**

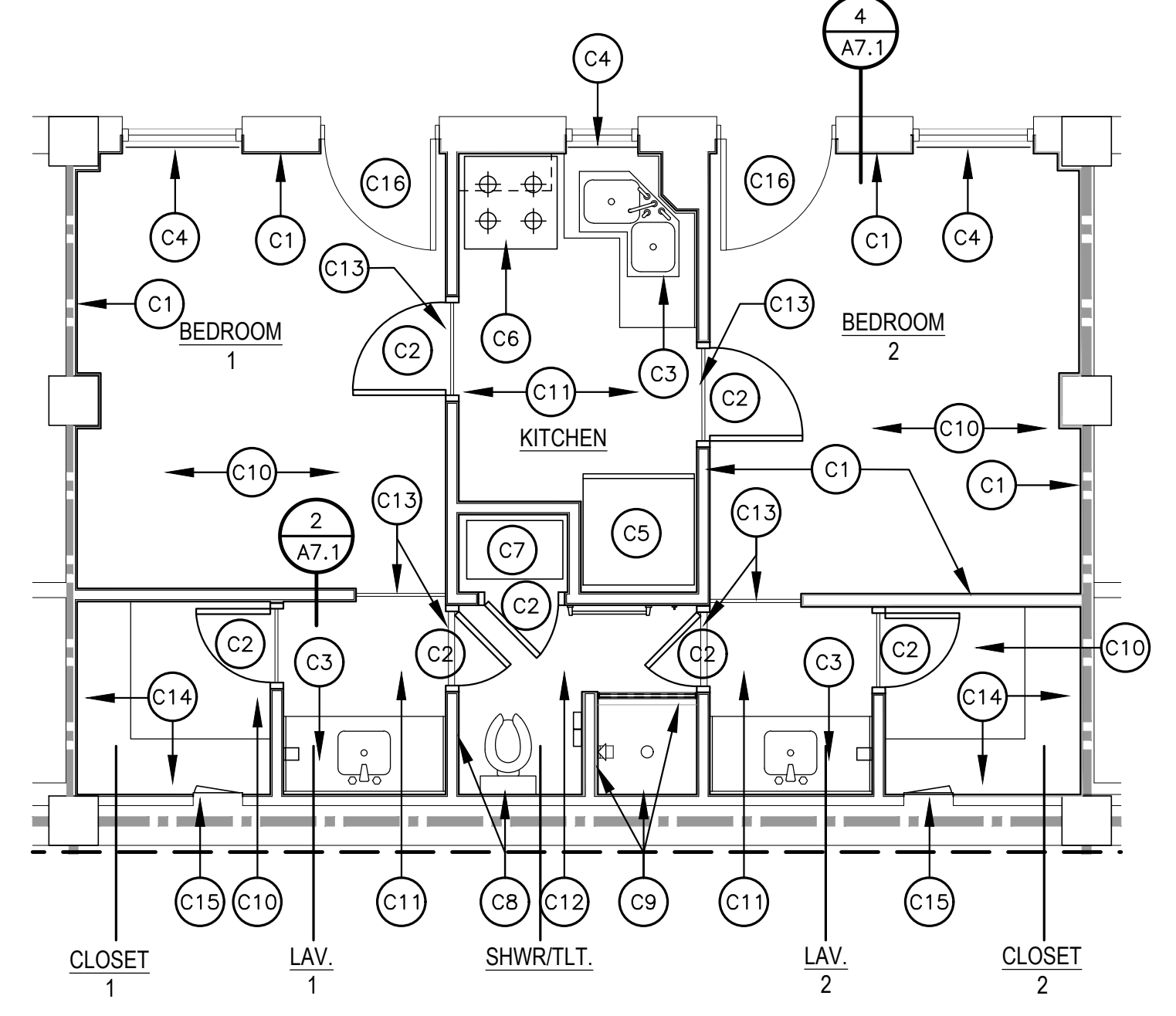
1-HOUR WALL      - - - - -

TYPICAL SUITE - RE: ENLARGED TYPICAL SUITE THIRD FLOOR PLAN THIS SHEET



**THIRD FLOOR PLAN**

SCALE: 1/8" = 1'-0"



**ENLARGED TYPICAL SUITE THIRD FLOOR PLAN**

SCALE: 1/4" = 1'-0"



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

**APPROVED**

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

**COORDINATION**

	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

**DESIGN FIRM**



**Designer** WKB **Project Manager**

**Drafter** RKF

**REVISION** **BY/DATE**

TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

**SHEET TITLE**

**EXTERIOR ELEVATIONS - DEMOLITION**

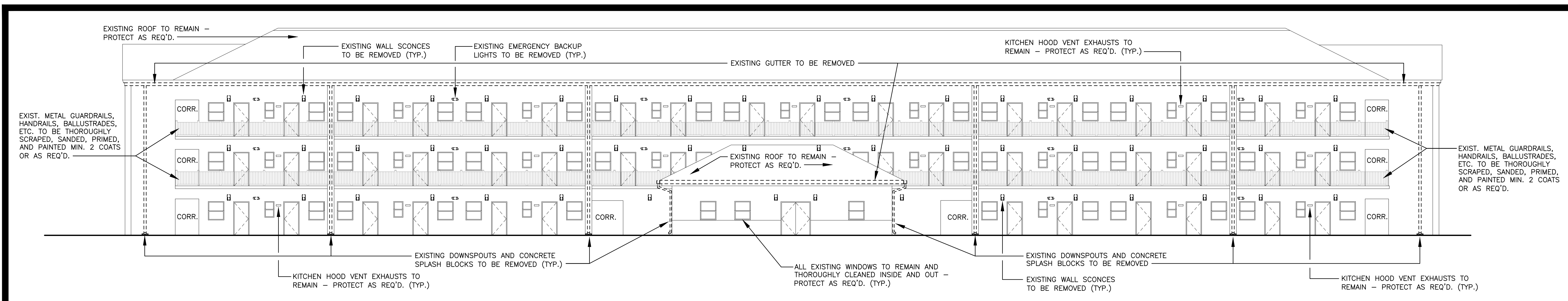
**SHEET** A4.1 **OF** 22A

**PROJECT TITLE**  
REPAIR DORM BOLO  
B4351

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

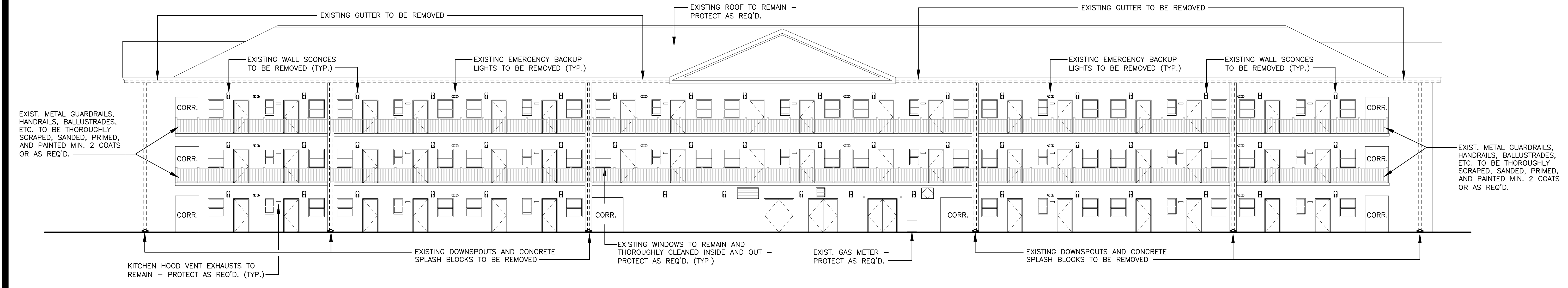
**Project Number**  
OPP. NO. 1086485

**Drawing Number** **Facility Number**  
B4351



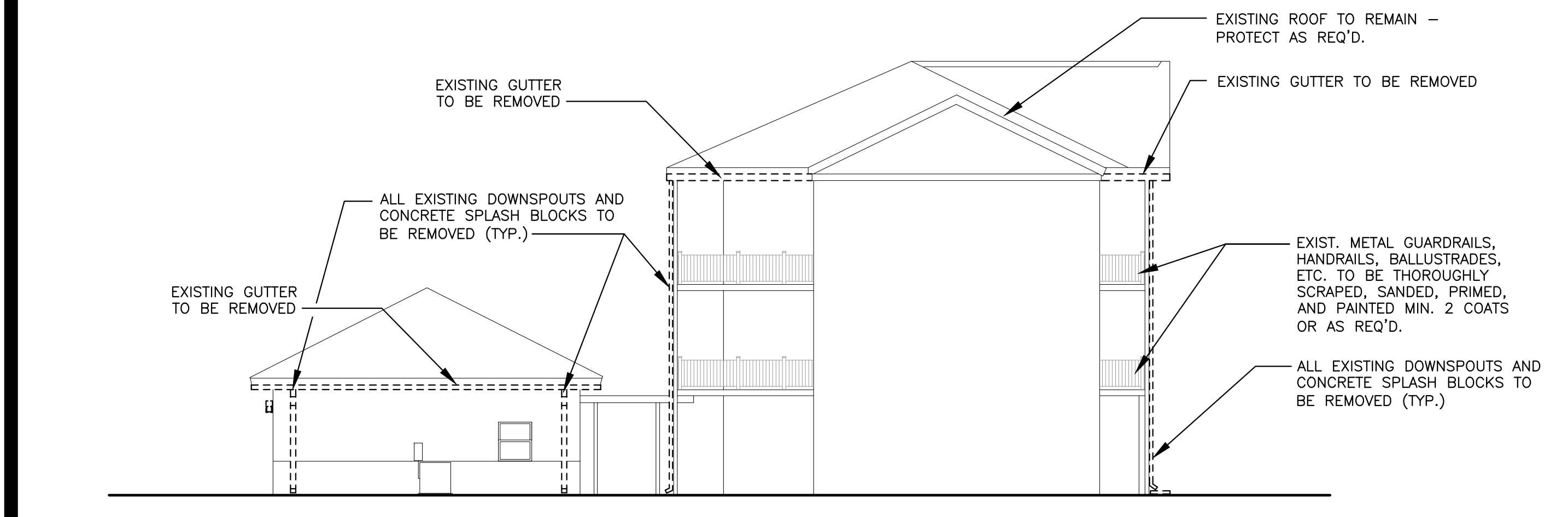
**WEST ELEVATION - DEMOLITION**

SCALE: 3/32" = 1'-0"



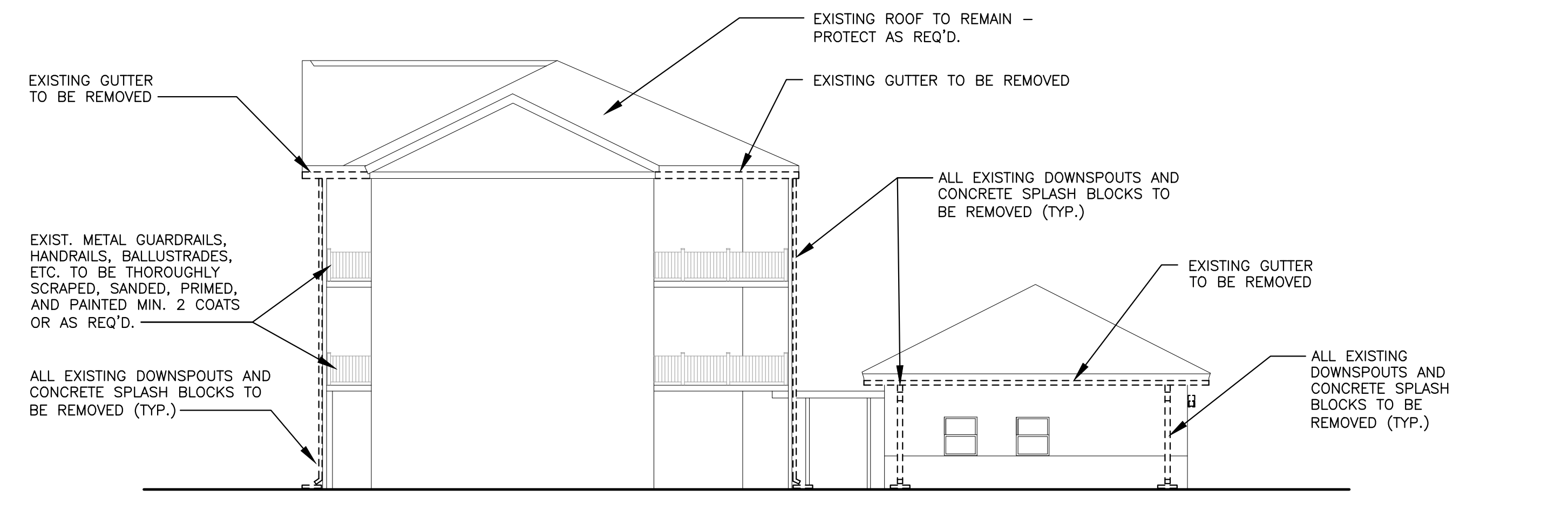
**EAST ELEVATION - DEMOLITION**

SCALE: 3/32" = 1'-0"



**NORTH ELEVATION - DEMOLITION**

SCALE: 3/32" = 1'-0"



**SOUTH ELEVATION - DEMOLITION**

SCALE: 3/32" = 1'-0"



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

**APPROVED**

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

**COORDINATION**

	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

**DESIGN FIRM**



**Designer** WKB **Project Manager**

**Drafter** RKF

**REVISION** **BY/DATE**

TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

**SHEET TITLE**

**EXTERIOR ELEVATIONS - NEW**

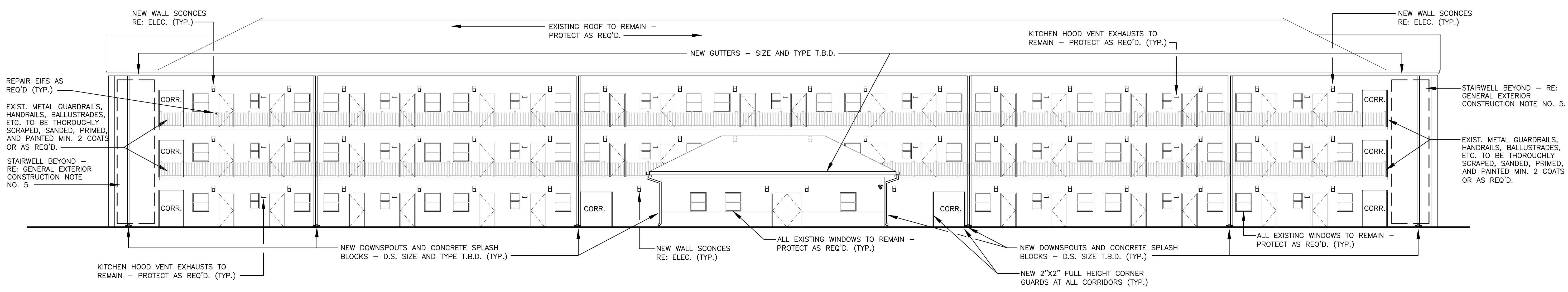
**SHEET** A4.2 **OF** 22A

**PROJECT TITLE**  
REPAIR DORM BOLO B4351

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

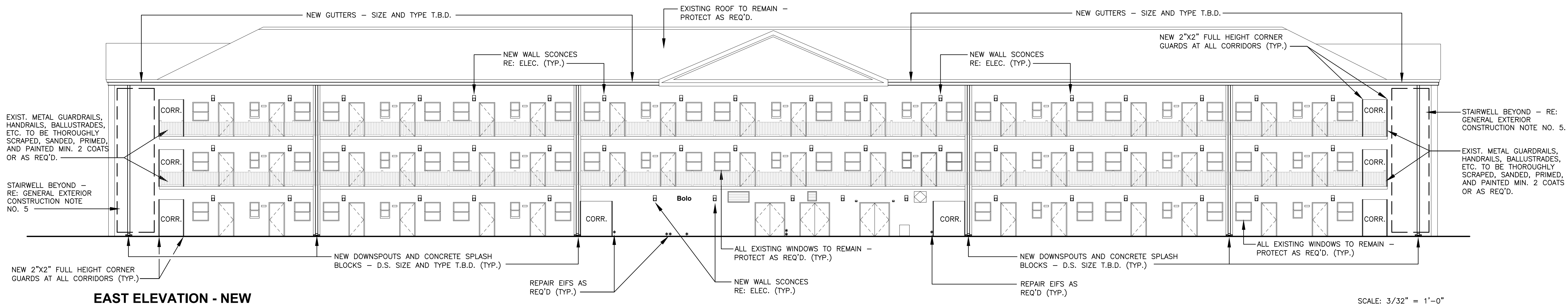
**Project Number**  
OPP. NO. 1086485

**Drawing Number** **Facility Number**  
B4351



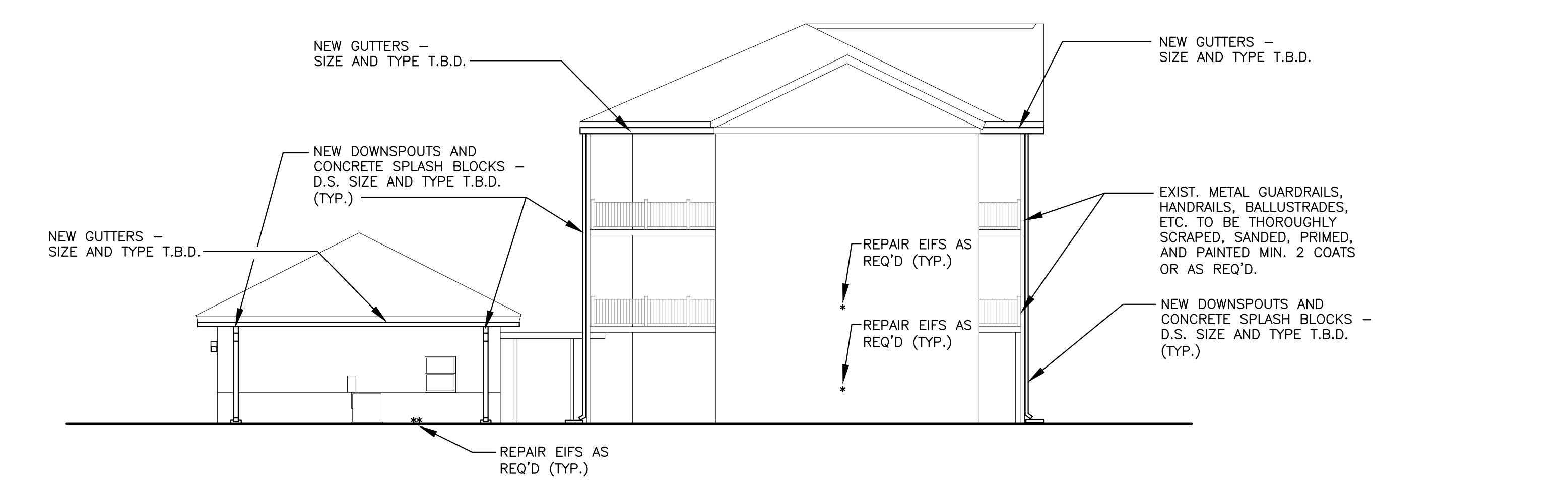
**WEST ELEVATION - NEW**

SCALE: 3/32" = 1'-0"



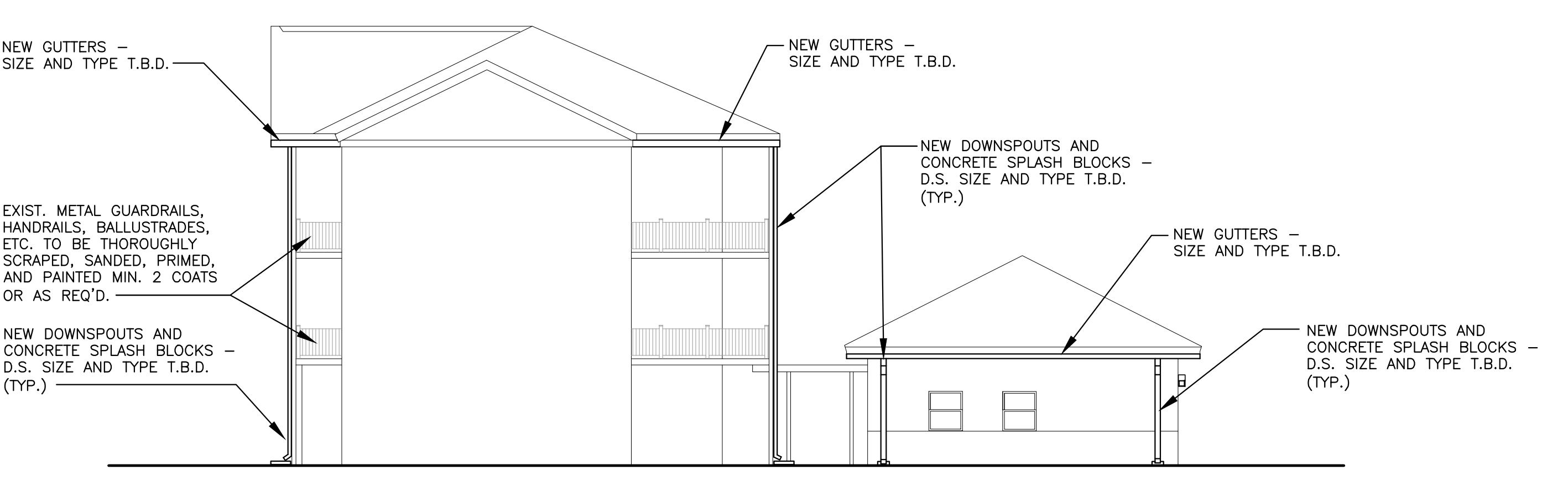
**EAST ELEVATION - NEW**

SCALE: 3/32" = 1'-0"



**NORTH ELEVATION - NEW**

SCALE: 3/32" = 1'-0"

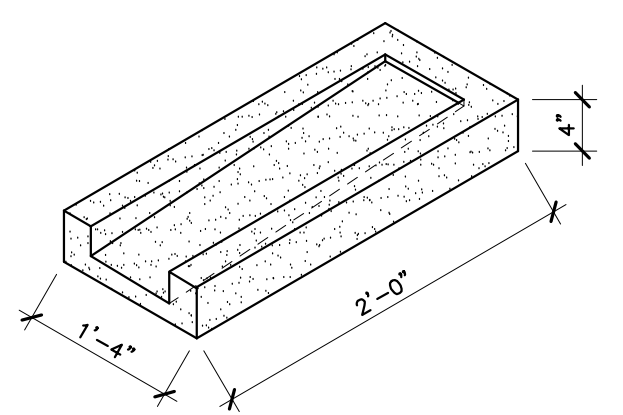


**SOUTH ELEVATION - NEW**

SCALE: 3/32" = 1'-0"

**GENERAL EXTERIOR CONSTRUCTION NOTES**

1. ALL EXISTING EXTERIOR DOOR AND FRAMES TO BE THOROUGHLY SCRAPPED, SANDED, CLEANED, PRIMED, AND PAINTED MIN. 2 COATS OR AS REQ'D.
2. THOROUGHLY POWER WASH EXTERIOR WITH A MIXTURE OF J-MAX, BLEACH, AND WATER TO REMOVE ALL DIRT, MILDEW, GRIME, ETC. USE J-MAX'S RECOMMENDATIONS FOR MIXTURE WITH BLEACH AND WATER.
3. SCRAPE, SAND, PRIME, AND PAINT STEEL STAIRWELLS, HANDRAILS, AND GUARDRAILS ON ALL 3 FLOORS AT EACH END OF THE BUILDING.
4. REPAIR ALL DAMAGED EIFS AS REQ'D. REFERENCE ELEVATIONS THIS SHEET FOR AREAS TO BE REPAIRED. DAMAGED AREAS ARE INDICATED WITH AN \*.
5. PATCH/REPAIR ALL OPENINGS AT EIFS WHERE EMERGENCY WALL PACKS HAVE BEEN REMOVED.
6. NO TREE TRIMMING REQUIRED. NO TREES ARE PRESENT AT ANY LOCATION NEAR THE BUILDING.



**CONCRETE SPLASH BLOCK N.T.S.**



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Systems
	Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

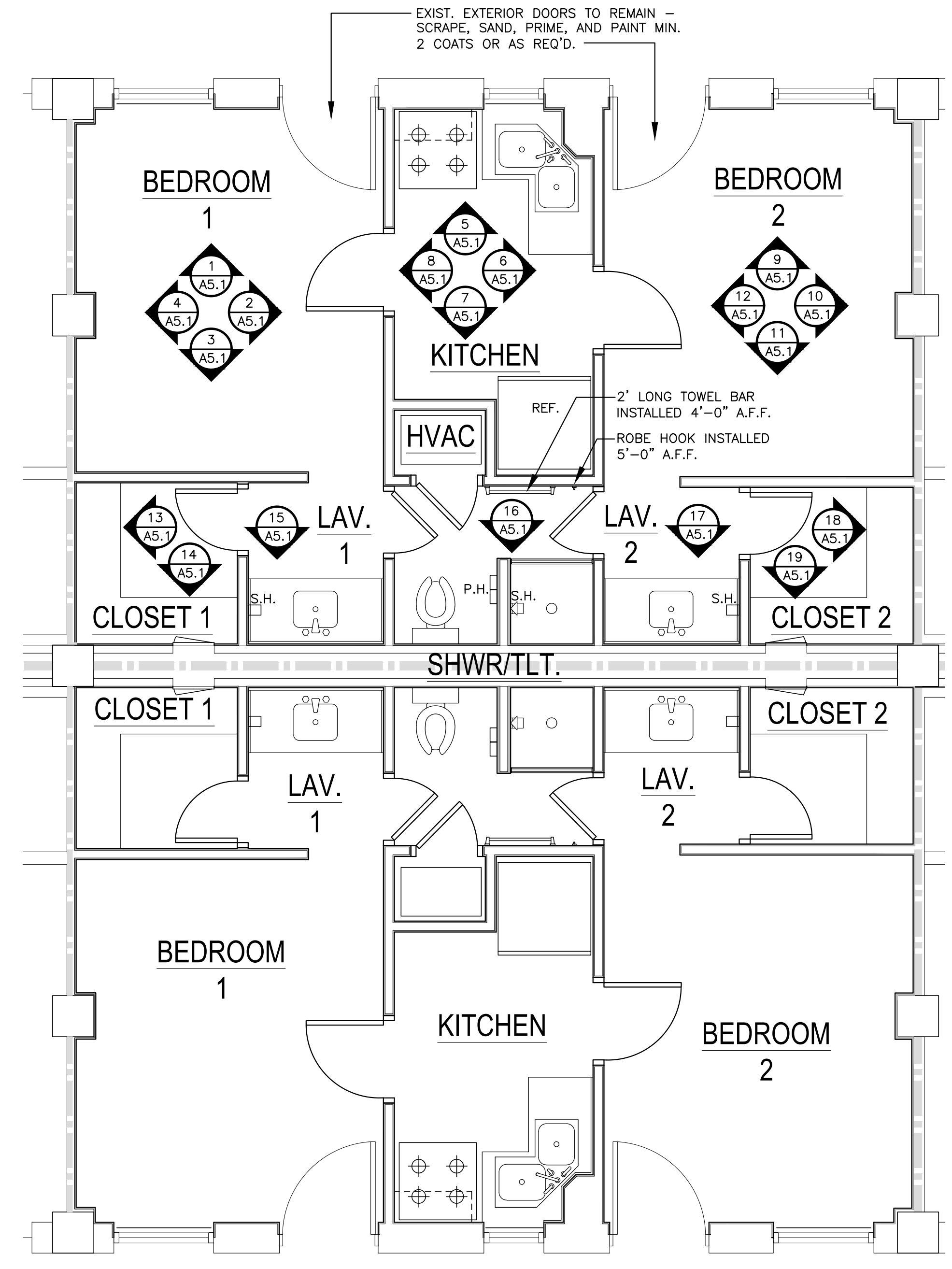


Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE	
INTERIOR ELEVATIONS	
SHEET	OF
A5.1	22A

PROJECT TITLE	
REPAIR DORM BOLO B4351	
BARKSDALE AIR FORCE BASE, LOUISIANA 71110	
Project Number	OPP. NO. 1086485
Drawing Number	Facility Number
	B4351

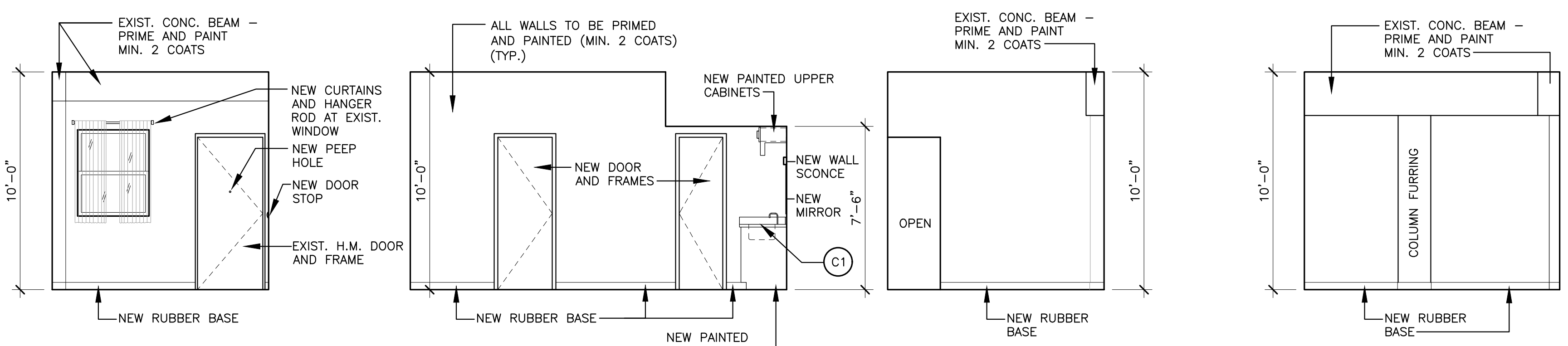


**TYPICAL SUITE FLOOR PLAN**  
SCALE: 3/16" = 1'-0"

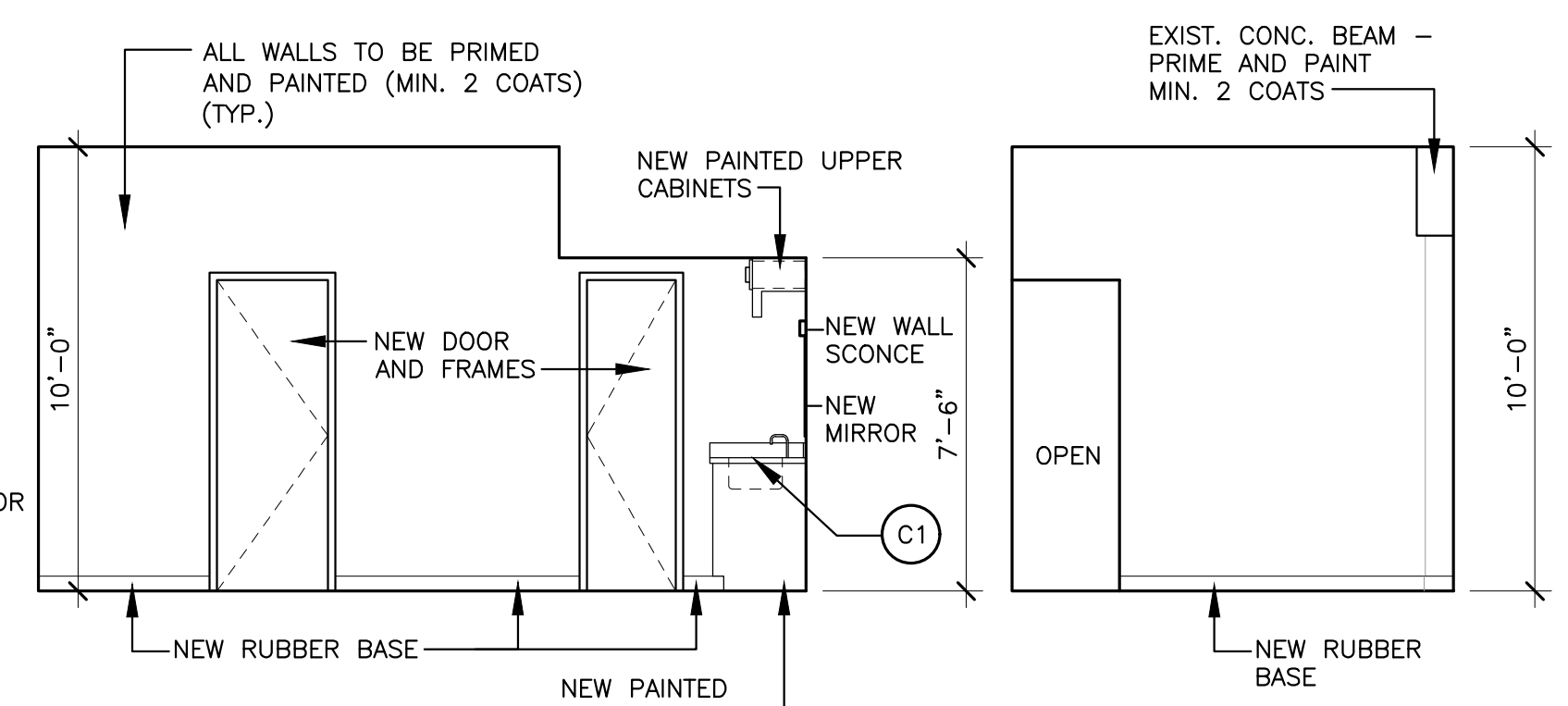
MILLWORK TO BE BUILT PER AWI STANDARDS.  
MILLWORK FABRICATOR TO BE AWI CERTIFIED.

**MILLWORK CONSTRUCTION NOTE**

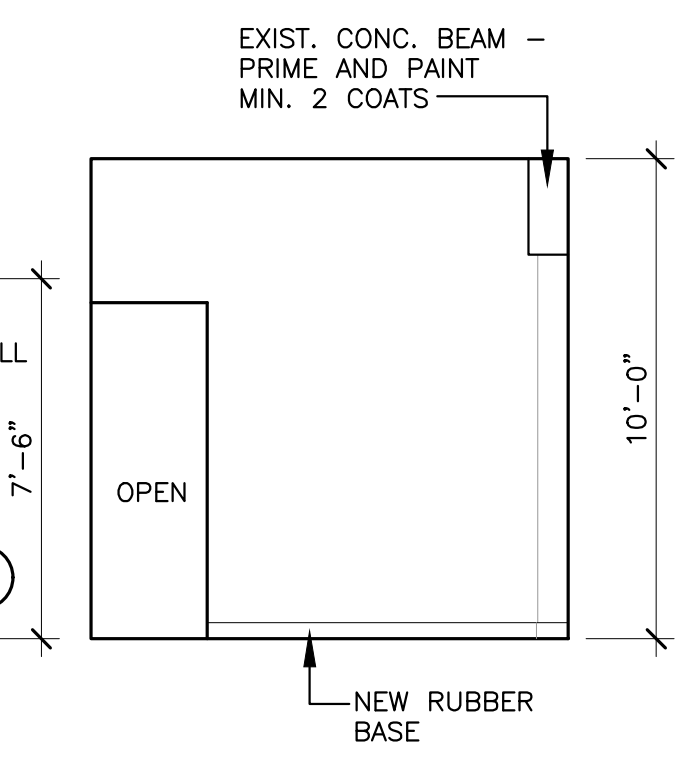
C1 NEW COUNTER TOP - (2) LAYERS OF PLYWOOD W/ LAMINATE PLASTIC COVERING. PROVIDE LAMINATED PLASTIC COVERING ON 4" SPLASH AND SIDES.



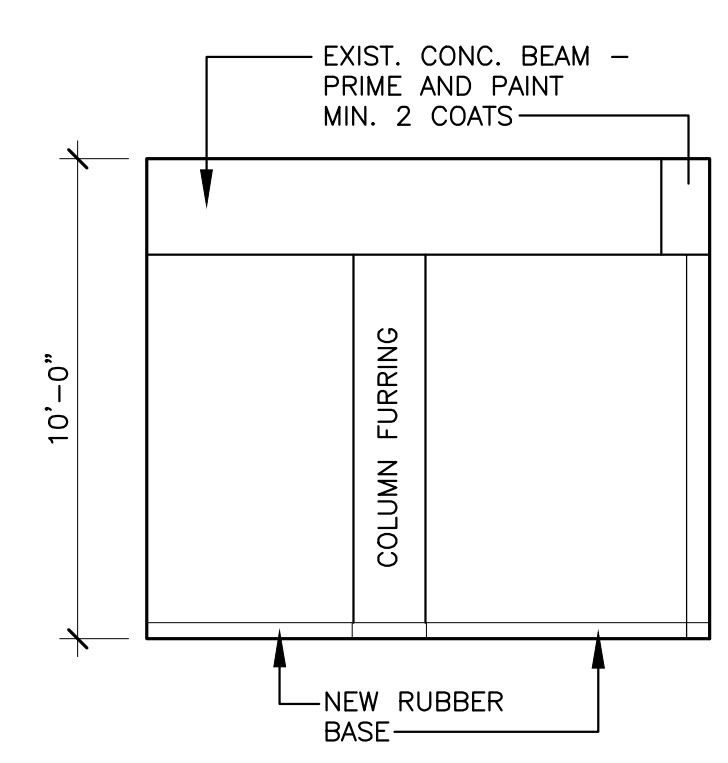
**1 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



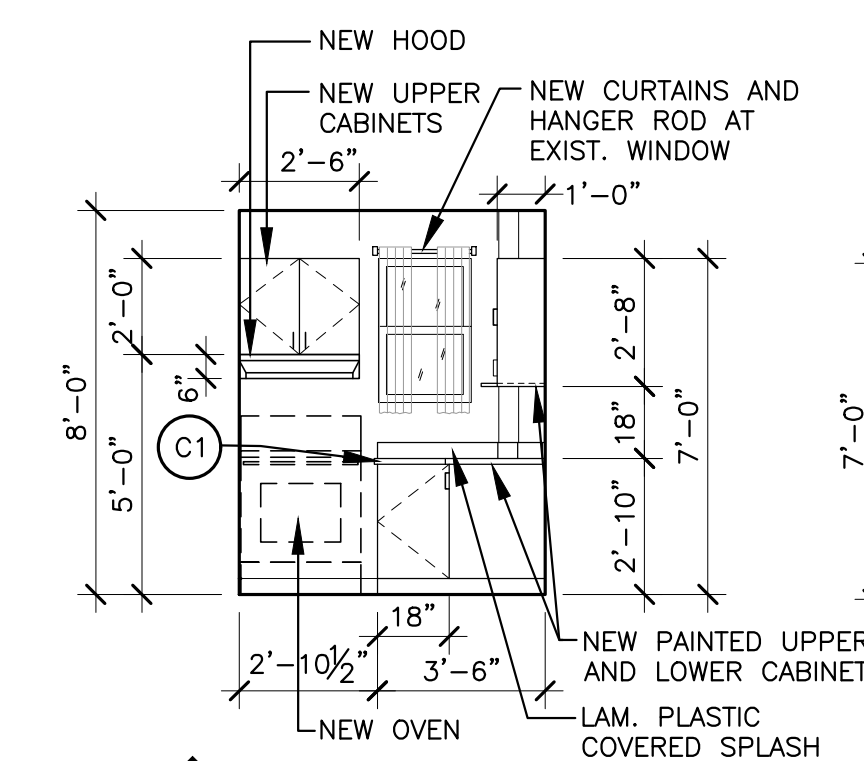
**2 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



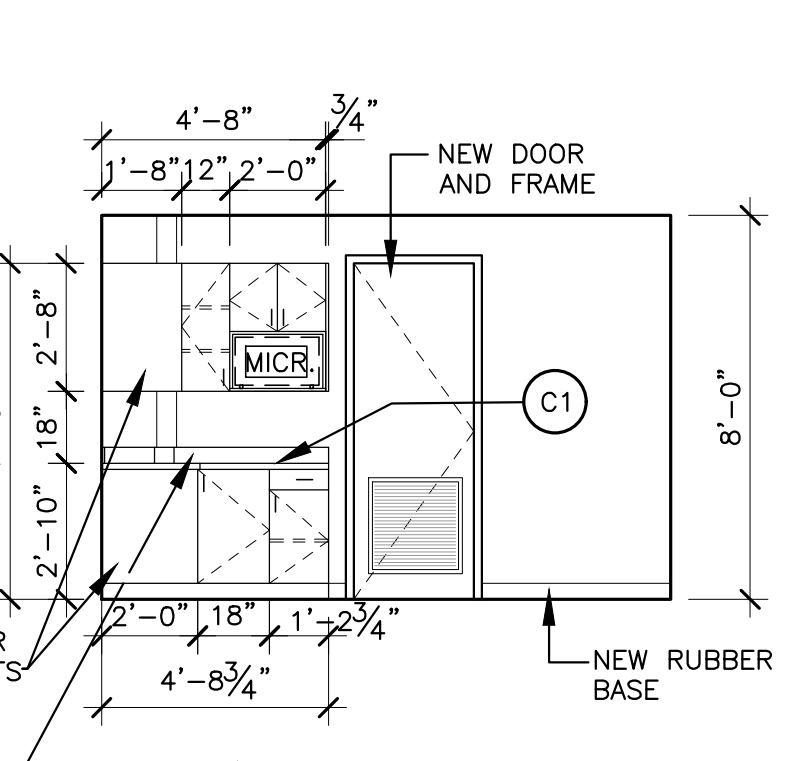
**3 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



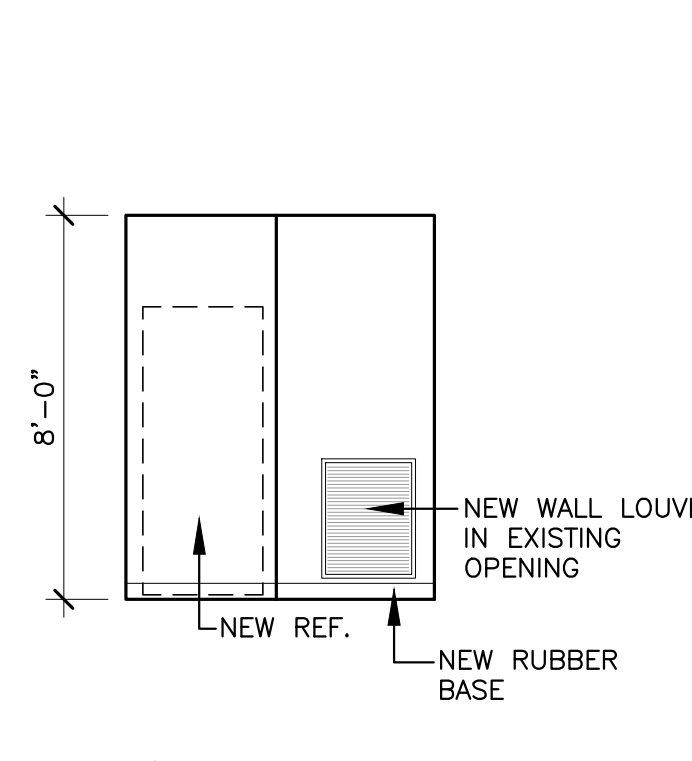
**4 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



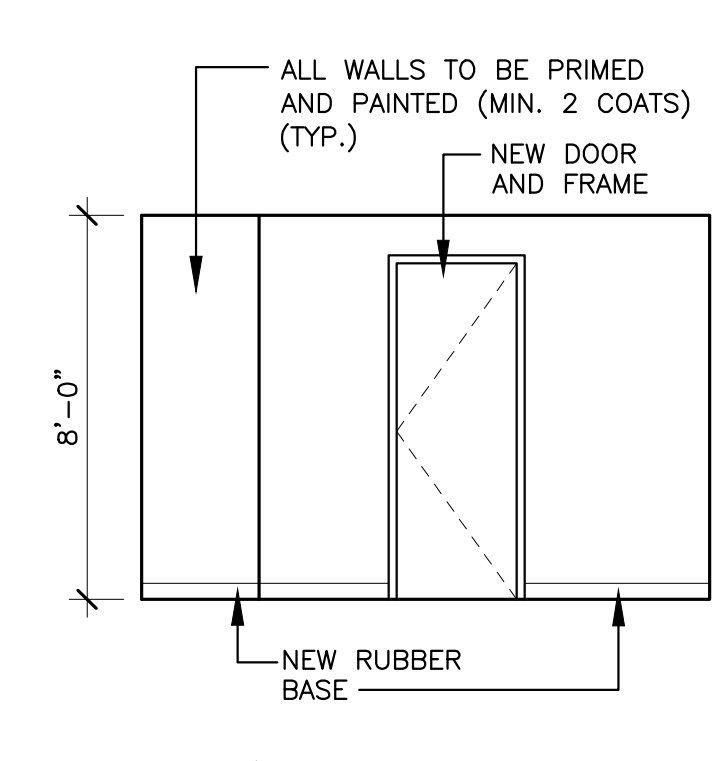
**5 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



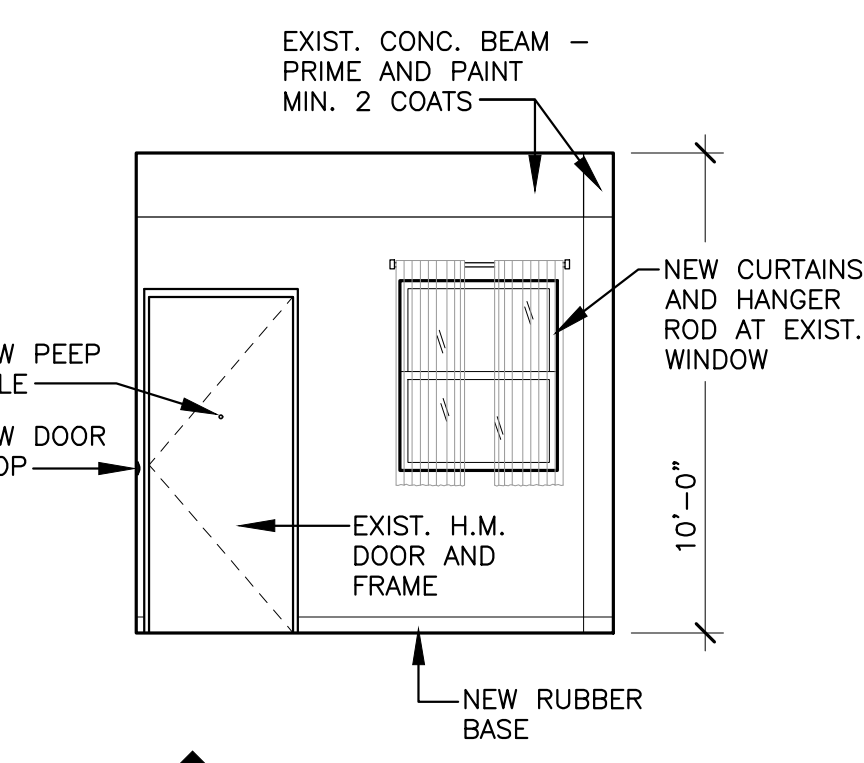
**6 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



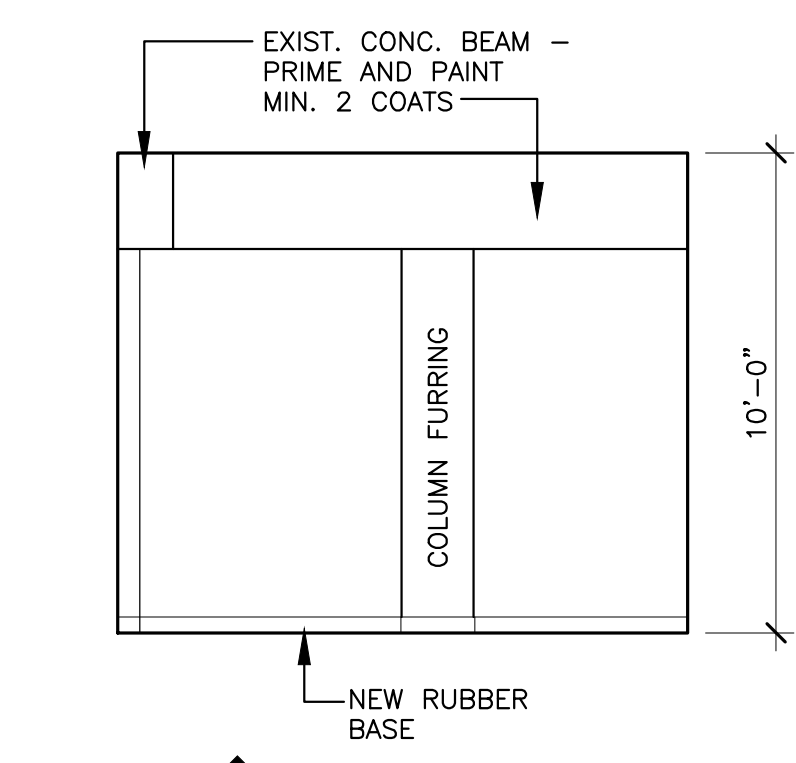
**7 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



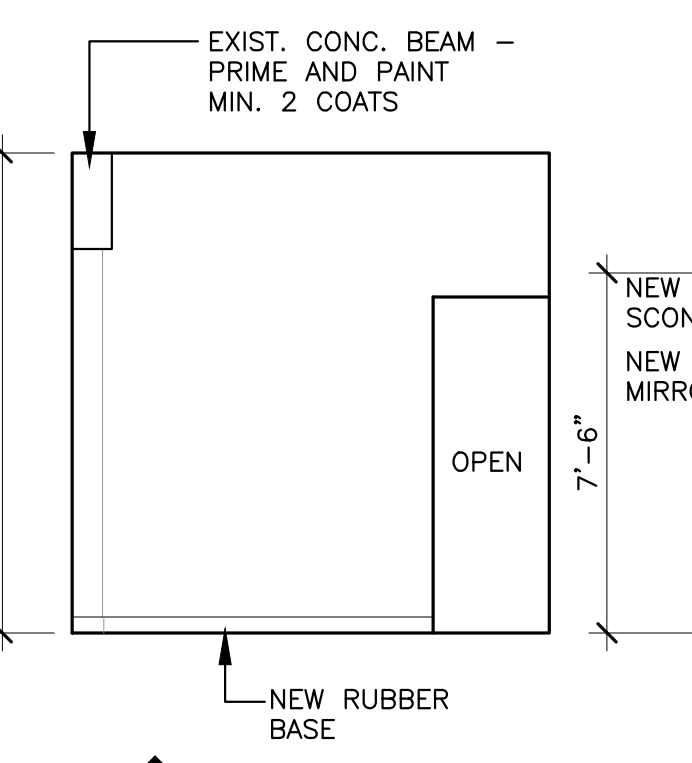
**8 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



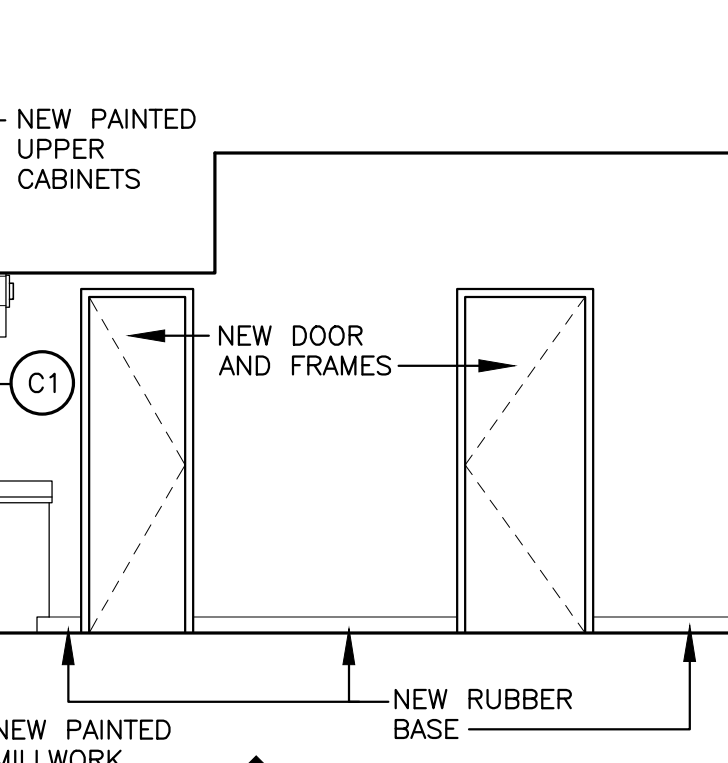
**9 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



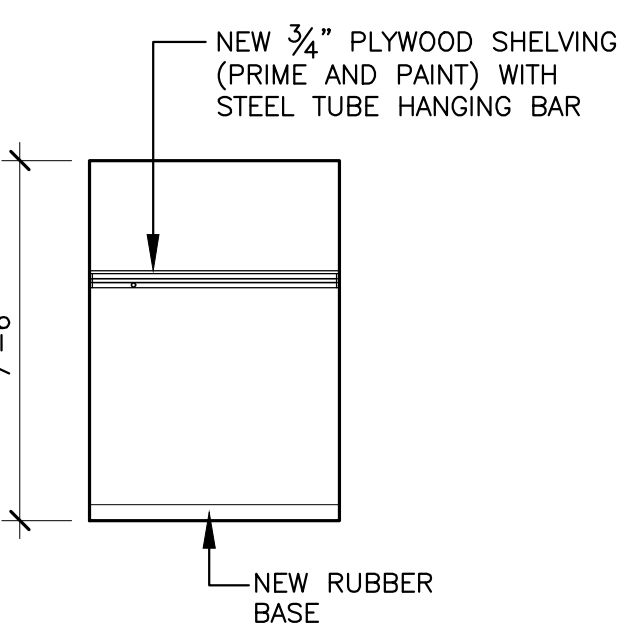
**10 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



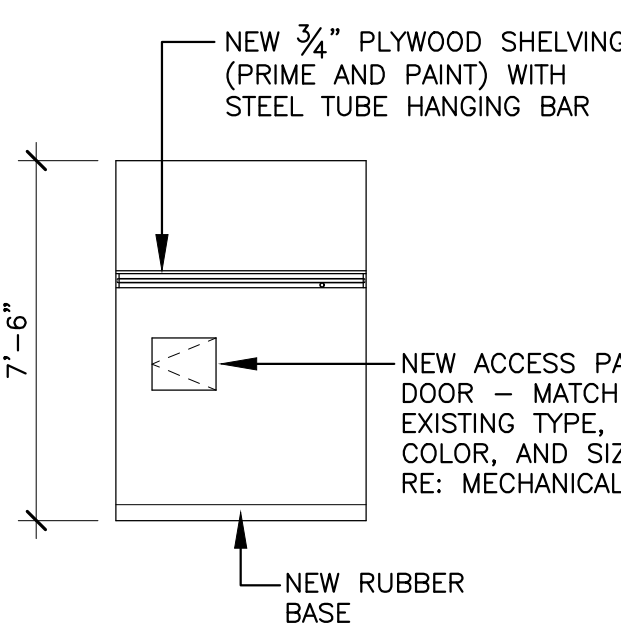
**11 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



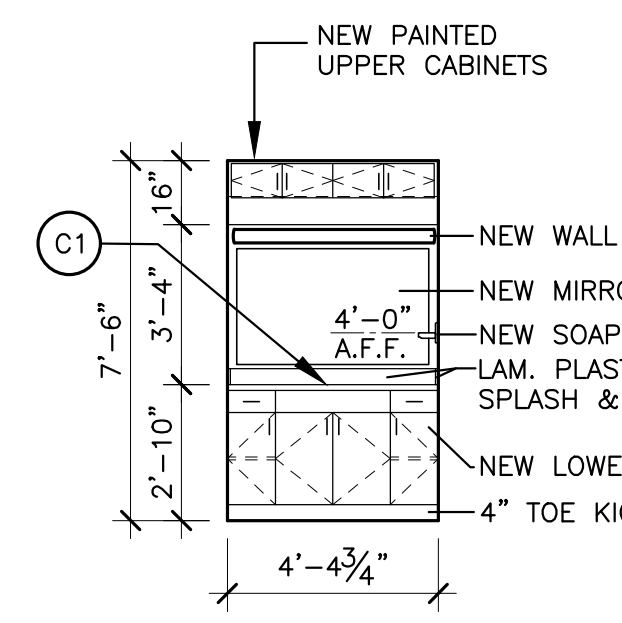
**12 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



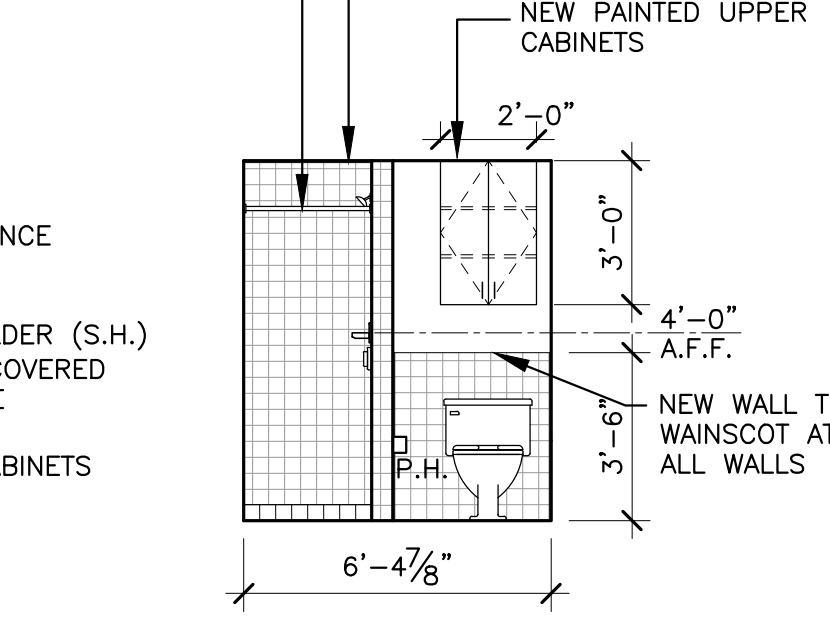
**13 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



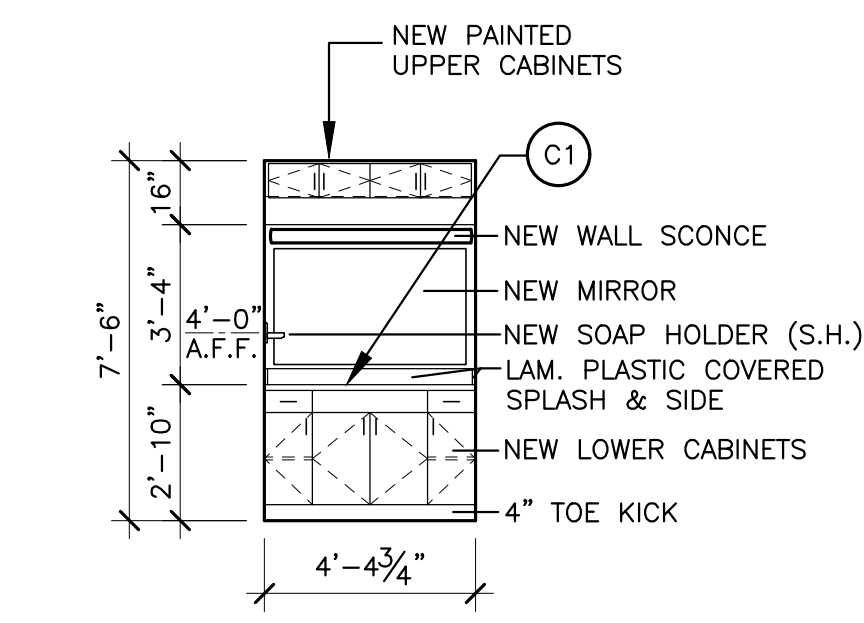
**14 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



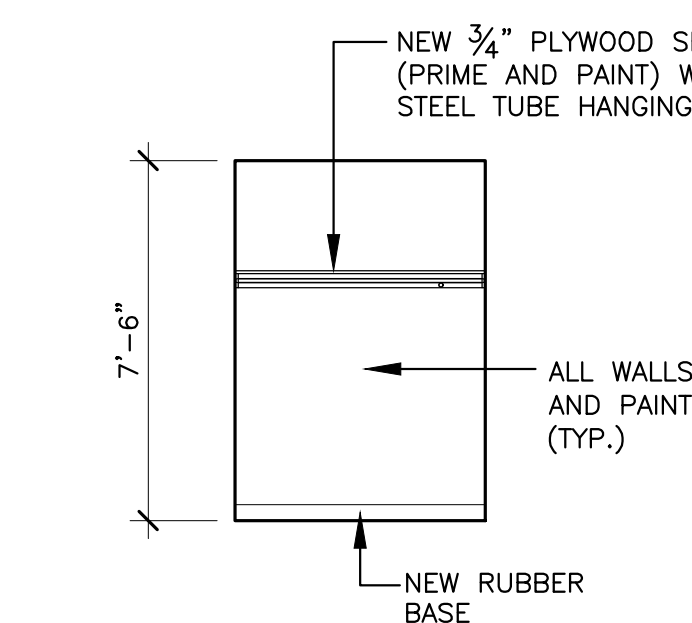
**15 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



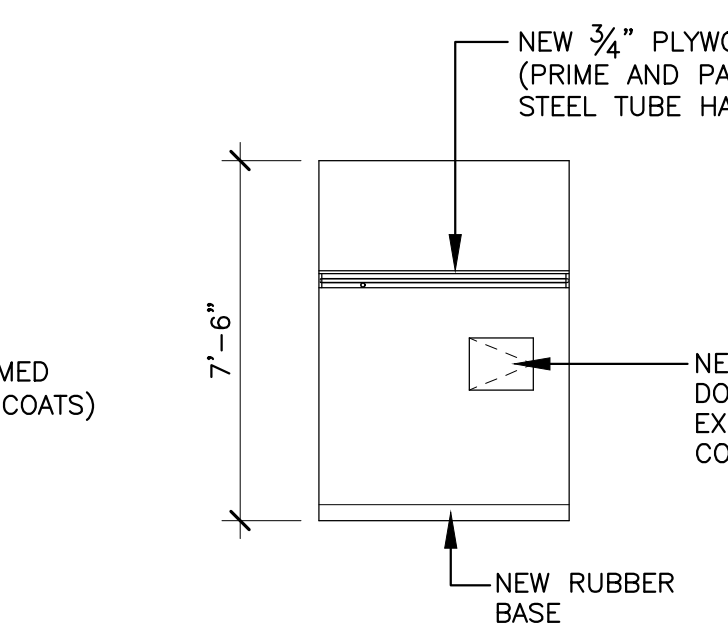
**16 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



**17 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"



**18 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"

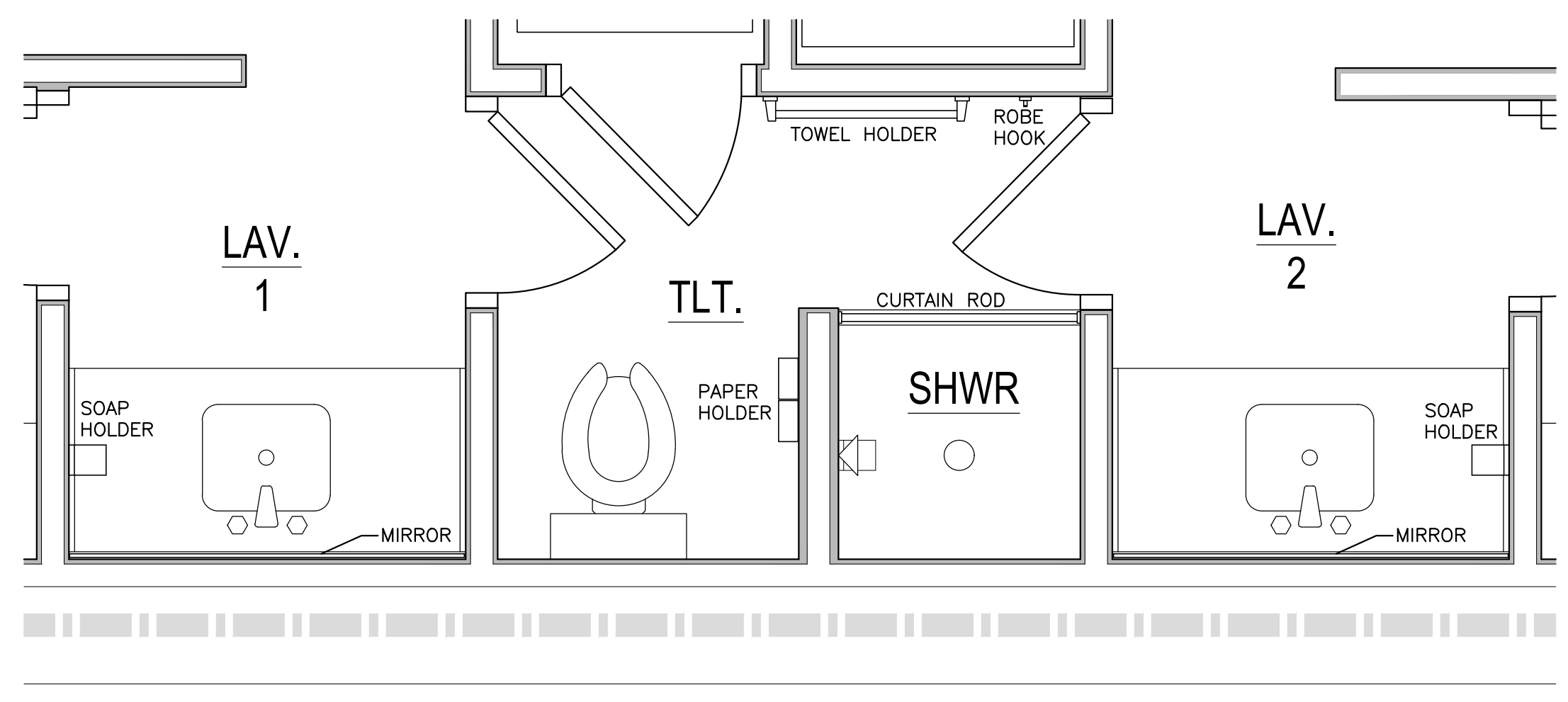


**19 ELEVATION**  
A5.1 SCALE: 1/4" = 1'-0"

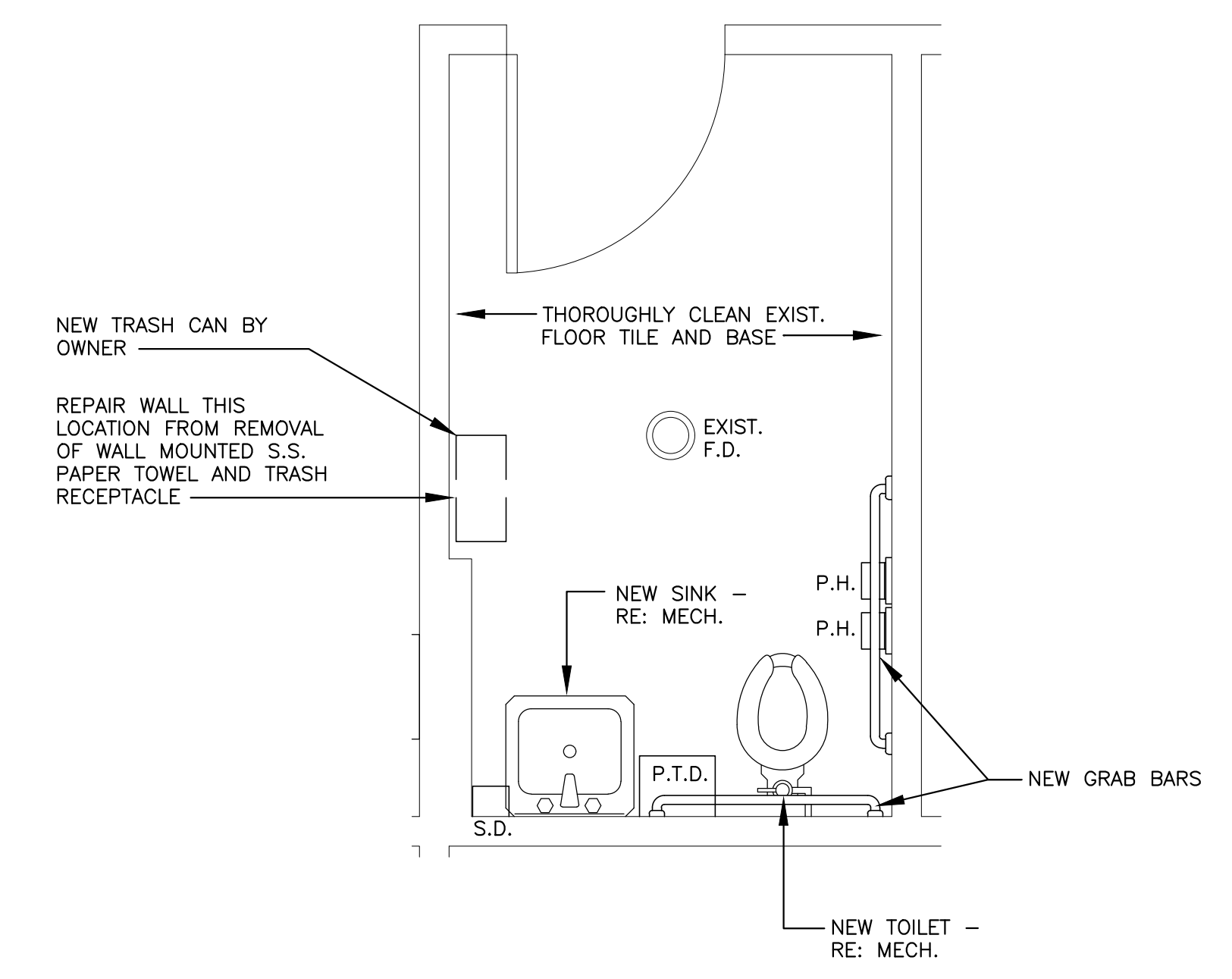


BARKSDALE  
AIR FORCE BASE  
LOUISIANA

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security
	Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



TYPICAL SUITE LAV., TLT., AND SHWR. ENLARGED ACCESSORY FLOOR PLAN SCALE: 1/2" = 1'-0"



ENLARGED TLT. FLOOR PLAN @ COMMON AREA/GAME ROOM BUILDING SCALE: 1/2" = 1'-0"

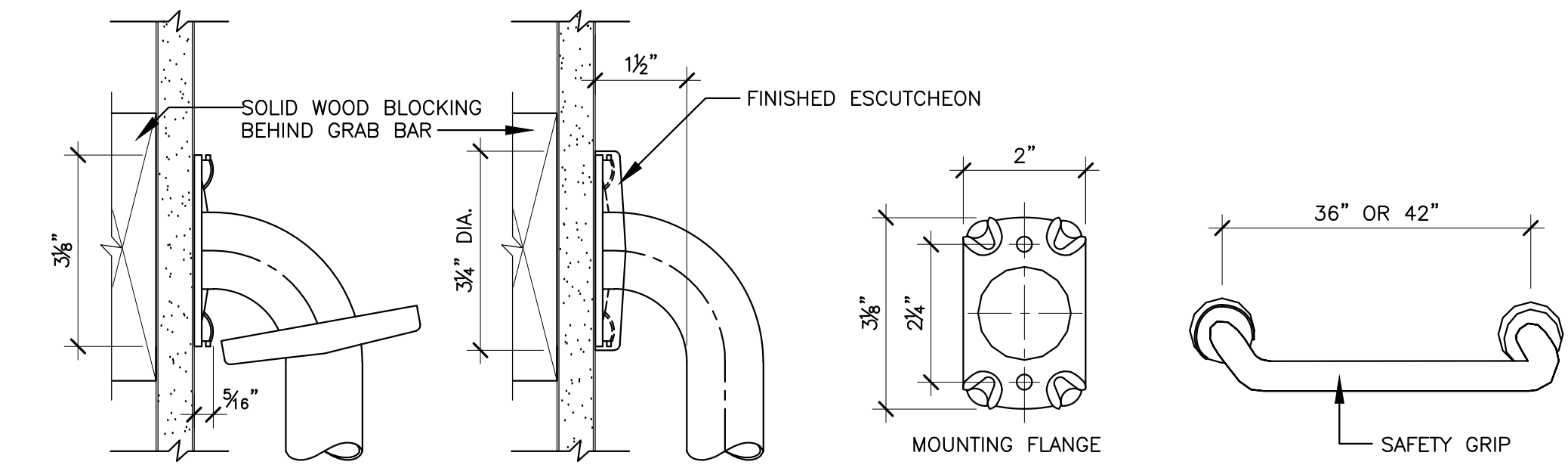
REFERENCE GUIDANCE ON TOILET ACCESSORIES:

- SOAP DISPENSERS ARE MANUAL TYPE FOAM DISPENSERS WITH A 1250ML REFILL CARTRIDGE. FOR DRAWING PURPOSES, ASSUME 10.5" TALL, 6" WIDE, 5" DEEP. OPERATOR IS AT THE BOTTOM AND SHOULD BE MOUNTED AT ADA COMPLIANT HEIGHT.
- PAPER TOWEL DISPENSERS ARE NO-TOUCH MANUAL PULL TYPE WITH A HARD WOUND 8" ROLL. FOR DRAWING PURPOSES, ASSUME 16" TALL, 12.5" WIDE, AND 10" DEEP, WITH THE TOWEL TO BE PULLED PROTRUDING OUT OF THE BOTTOM. TOWEL TO GRAB SHOULD BE ADA HEIGHT.
- TOILET TISSUE DISPENSERS SHOULD BE SURFACE MOUNTED SATIN STAINLESS STEEL AND ACCOMMODATE TWO (2) STANDARD CORE TISSUE ROLLS, BE VANDAL-PROOF, AND SHALL INCLUDE ONE PIECE MOLDED POLYETHYLENE SPINDLES WITH 1/8" WALL THICKNESS.
- OTHER ACCESSORIES SUCH AS MIRRORS, ROBE HOOKS, SHOWER CURTAIN RODS, SANITARY NAPKIN DISPOSALS AND DISPENSERS, AND ADA GRAB RAILS SHOULD BE SATIN STAINLESS STEEL BUT ARE OTHERWISE UP TO DESIGNERS DISCRETION AND USER'S NEEDS. ALL SHOULD BE MOUNTED ACCORDING TO THE ADA AND ABAAAS.

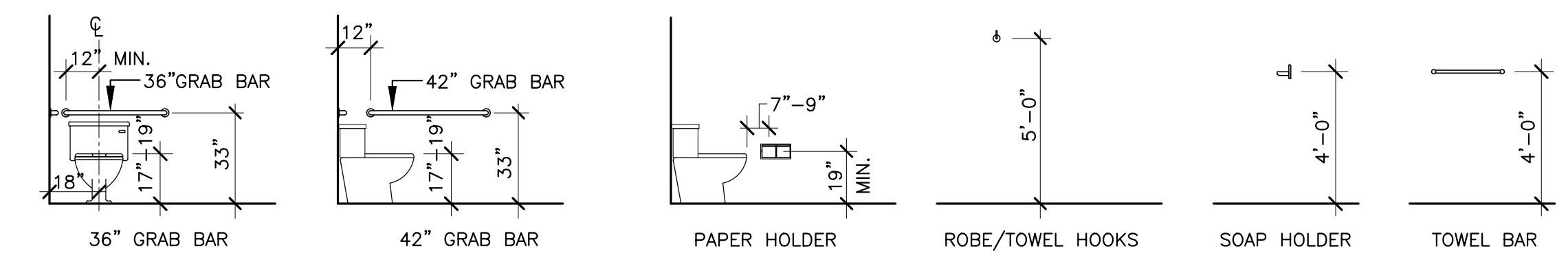


Designer	WKB	Project Manager
Drafter	RKF	

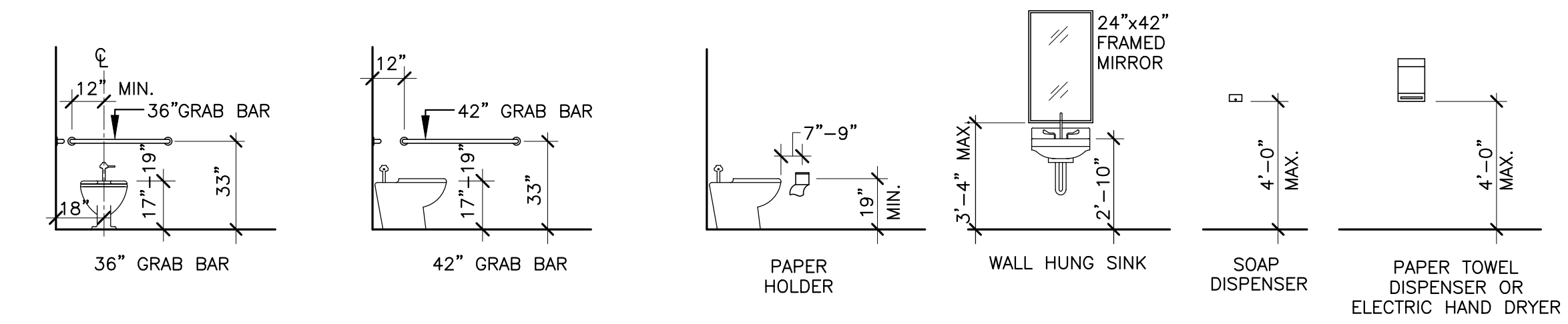
REVISION	BY	DATE
TITLE 1-A	15%	OCT 25 2023
TITLE 1-B	35%	DEC 19 2023
TITLE 1-B	35%A	FEB 1 2024



TYPICAL ADA GRAB BAR MOUNTING DETAILS N.T.S.



ACCESSORY HEIGHTS FOR DORM SUITS SCALE: 1/4" = 1'-0"



ACCESSORY HEIGHTS FOR TOILET IN COMMON AREA ON FIRST FLOOR SCALE: 1/4" = 1'-0"

SHEET TITLE  
ENLARGED TOILET ROOM PLAN AND ACCESSORIES

SHEET	A5.2	OF	22A
-------	------	----	-----

PROJECT TITLE  
REPAIR DORM BOLO B4351  
BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number	OPP. NO. 1086485
Drawing Number	Facility Number B4351



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Acfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE  
**DOOR SCHEDULE**

SHEET **A6.1** OF **22A**

PROJECT TITLE  
REPAIR DORM BOLO B4351

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

**DOOR REFERENCE SCHEDULE - TYPICAL FOR ALL SUITES**

FULLY APPROVED SHOP DRAWINGS FOR DOORS, FRAMES, AND HARDWARE ARE REQUIRED PRIOR TO FABRICATION, DELIVERY OR INSTALLATION. WHEN FIRE RATED DOORS AND FRAMES ARE SPECIFIED, ANY DISCREPANCY IN THE PLANS AND SPECIFICATIONS THAT MAY RENDER A DOOR & FRAME ASSEMBLY NON-COMPLIANT SHOULD BE FULLY ADDRESSED PRIOR TO MANUFACTURING OR INSTALLATION. DOOR & FRAME ASSEMBLIES THAT ARE FABRICATED OR INSTALLED THAT ARE NOT IN FULL COMPLIANCE FOR A SPECIFIED RATING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. KNOCK DOWN FRAMES ARE NOT ALLOWED.

MK	DOOR		FRAME		DETAILS		THRES	HDWR	REMARKS
	ELEV	MAT'L	ELEV	MAT'L	HEAD	JAMB			
1	EXISTING		EXISTING		EXISTING		EXIST.	1	PROVIDE CLOSER AND DOOR HARDWARE
2	A	WOOD	HM-1	H.M.			TRANSITION STRIP	VERIFY	
3	C	WOOD	HM-2	H.M.			TRANSITION STRIP	5	
4	B	WOOD	HM-2	H.M.			MARBLE THRESHOLD	VERIFY	PROVIDE CLOSER AND LOW PROFILE MARBLE THRESHOLD
5	EXISTING		EXISTING		EXISTING		EXIST.	1	PROVIDE CLOSER
6	A	WOOD	HM-1	H.M.			TRANSITION STRIP	VERIFY	
7	C	WOOD	HM-2	H.M.			TRANSITION STRIP	5	
8	B	WOOD	HM-2	H.M.			MARBLE THRESHOLD	VERIFY	PROVIDE CLOSER AND LOW PROFILE MARBLE THRESHOLD
9	C	WOOD	HM-2	H.M.			NONE		NO LOCKING HARDWARE THIS DOOR

**DOOR REFERENCE SCHEDULE - NON SUITE DOORS**

10	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
11	EXIST.	WOOD	EXIST.	H.M.			TRANSITION STRIP	EXIST.	
12	EXIST.	WOOD	EXIST.	H.M.			TRANSITION STRIP	EXIST.	
13	EXIST.	WOOD	EXIST.	H.M.			TRANSITION STRIP	EXIST.	
14	EXIST.	WOOD	EXIST.	H.M.			MARBLE THRESHOLD	EXIST.	
15	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
16	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
17	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
18	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
19	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
20	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
21	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
22	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
23	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
24	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
25	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
26	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
27	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
28	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
29	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
30	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
31	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
32	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
33	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
34	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	
35	EXIST.	H.M.	EXIST.	H.M.			EXIST.	EXIST.	

**DOOR HARDWARE SCHEDULE**

HDWR MARK	FUNCTION	FINISH	LOCKSET STYLE	PRE-APPROVED MANUFACTURERS	REMARKS
1	ENTRY	SATIN CHROME - US 26D	SEE NOTE 5	SARGENT, SCHLAGE, CORBIN RUSSWIN	PROVIDE CLOSER
2	STOREROOM	SATIN CHROME - US 26D	SEE NOTE 5	SARGENT, SCHLAGE, CORBIN RUSSWIN	
3	OFFICE	SATIN CHROME - US 26D	SEE NOTE 5	SARGENT, SCHLAGE, CORBIN RUSSWIN	
4	PRIVACY	SATIN CHROME - US 26D	SEE NOTE 5	SARGENT, SCHLAGE, CORBIN RUSSWIN	
5	PASSAGE	SATIN CHROME - US 26D	SEE NOTE 5	SARGENT, SCHLAGE, CORBIN RUSSWIN	

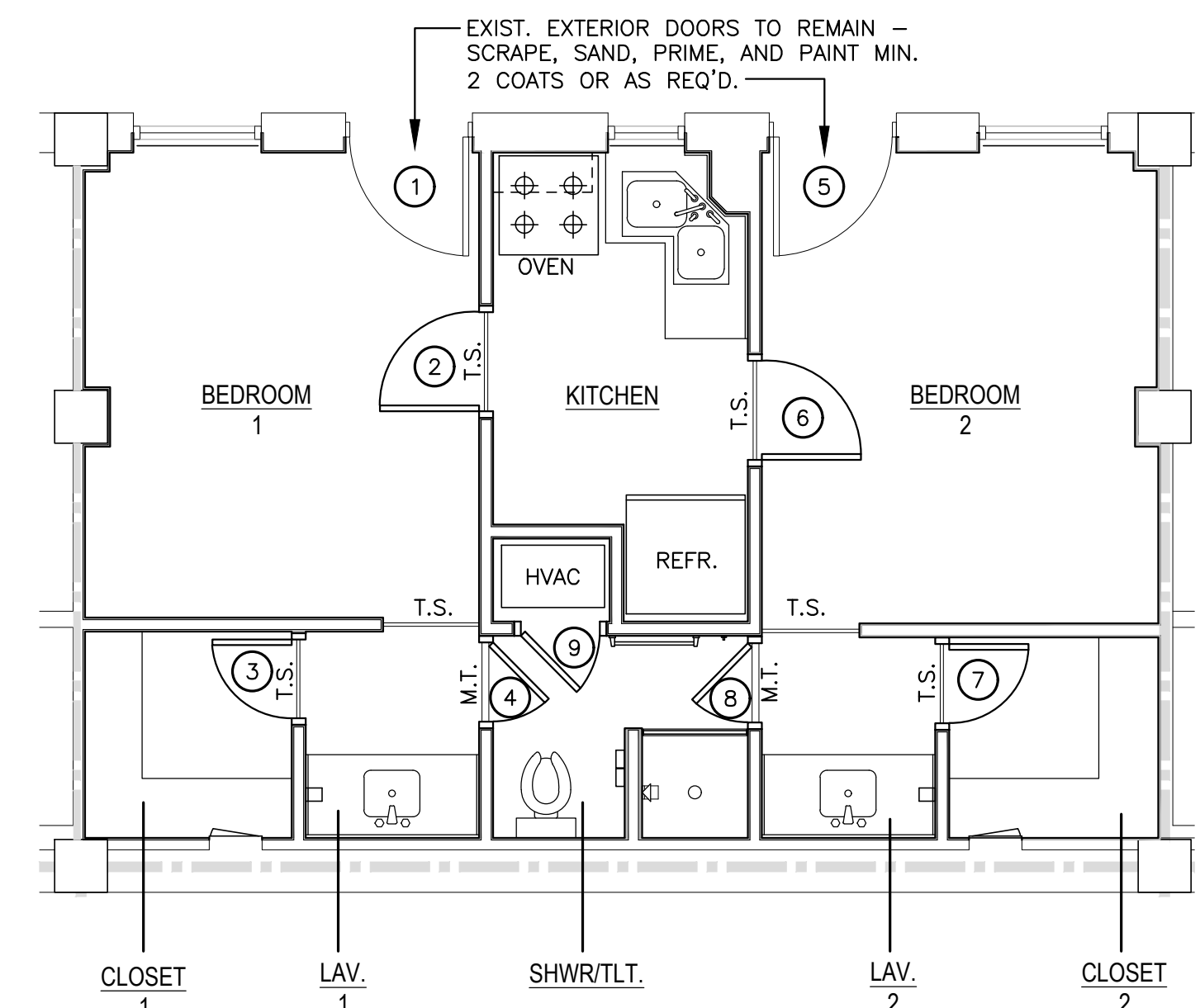
**GENERAL HARDWARE NOTES**

- IF A WRITTEN SPECIFICATION IS PROVIDED AS PART OF THIS PROJECT THEN REFER TO ADDITIONAL INFORMATION IN SECTION 08710 AS REQUIRED.
- PRIOR APPROVAL MUST BE REQUESTED FOR ADDITIONAL HARDWARE MANUFACTURERS OTHER THAN THOSE LISTED ABOVE.
- ALL ACCESSORY HARDWARE TO MATCH THE FINISH, AS CLOSE AS POSSIBLE, OF THE HARDWARE AS SPECIFIED IN THE SCHEDULE ABOVE.
- ALL ACCESSORY HARDWARE TO BE FROM THE SAME MANUFACTURER OR SUBSIDIARY AS THE PREDOMINANT HARDWARE SPECIFIED.
- ALL LOCKSETS TO BE EQUAL TO SARGENT'S "L" LEVER TYPE WITH 45 DEG. RETURN TO DOOR UNLESS NOTED OTHERWISE.
- ALL CLOSERS TO BE HEAVY DUTY CAST ALUMINUM (ALWAYS VERIFY FINISH). CLOSERS IN FIRE RATED OPENINGS TO BE U. L. RATED.
- ALL PANIC HARDWARE TO BE U. L. RATED AND HEAVY DUTY GRADE 1 PUSH BAR TYPE. CYLINDER AND WING PULL AT EXTERIOR
- ALL EXTERIOR DOORS TO HAVE ALUMINUM THRESHOLDS, SWEEPS, WEATHER STRIPPING, ETC. AS REQ'D. TO MAKE A COMPLETE & ACCEPTABLE UNIT.
- ALL DOUBLE DOORS TO HAVE ASTRAGAL IF CENTER MULL NOT SHOWN. PROVIDE FLUSH BOLTS TYPICAL.
- ALL DOORS TO HAVE FLOOR MOUNTED DOME TYPE DOOR STOPS. INSTALL SUCH THAT DOOR CAN OPEN TO IT'S FULLEST WITHOUT HITTING WALL.
- ALL DOOR FRAMES TO HAVE MUTES AS REQUIRED FOR QUIET DOOR CLOSURE OPERATION.
- PROVIDE KEY BOX TO OWNER AT COMPLETION OF PROJECT. PROVIDE KEYING PER KEYING MEETING WITH OWNER.
- PROVIDE CLOSERS AT MULTI-PERSON BATHROOMS WETHER CALLED FOR IN SCHEDULE OR NOT.
- PROVIDE NEW HARDWARE IN ANY NEW OR EXISTING DOORS IF THERE IS A HARDWARE MARK IN THE DOOR REFERENCE SCHEDULE.

DOORS 1-9 ARE ALL DOORS IN A TYPICAL SUITE RE: TYPICAL PLAN THIS SHEET FOR DOOR MARKS. THERE ARE A TOTAL OF 432 TOTAL SUITE DOORS IN 48 SUITES. 336 INTERIOR DOORS WILL BE NEW. 96 EXTERIOR ENTRANCE DOORS WILL REMAIN.

THERE ARE A TOTAL OF 26 ADDITIONAL EXTERIOR NON-SUITE DOORS - RE: FLOOR PLAN SHEETS A3.1, A3.2, AND A3.3 FOR DOOR MARK LOCATIONS. SCRAPE, SAND, PRIME, AND PAINT ALL HOLLOW METAL EXTERIOR DOORS AND FRAMES MIN. 2 COATS OR AS REQUIRED TO PROVIDE A "NEW LOOK" FINISH.

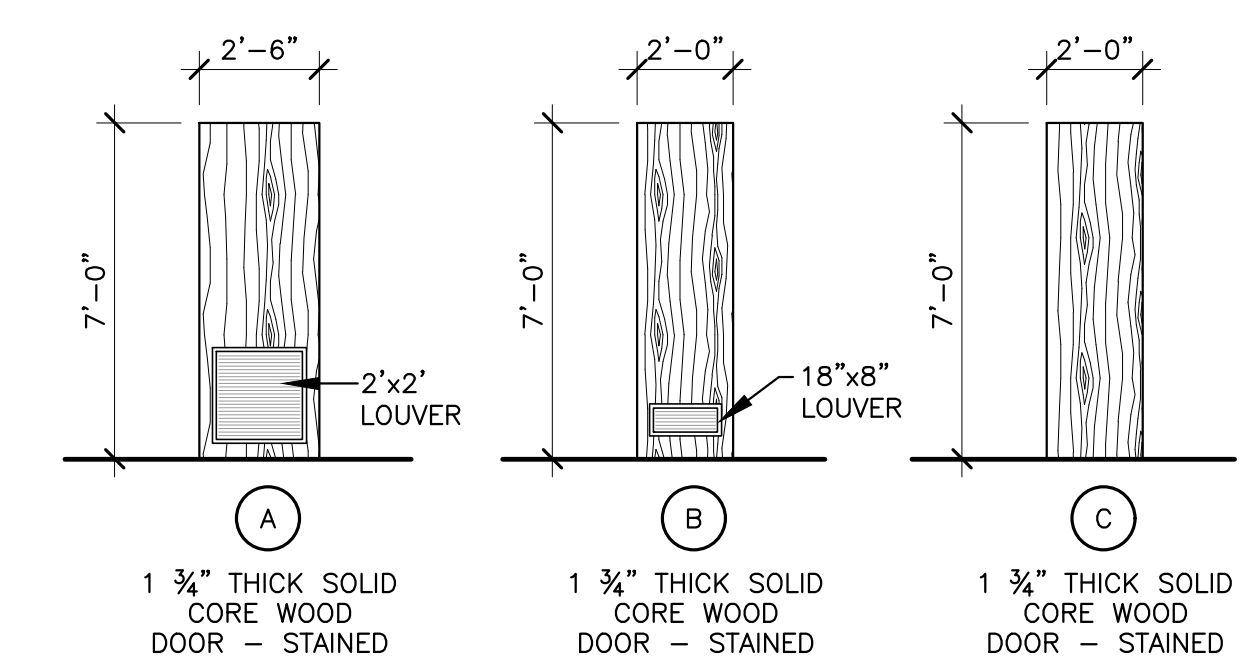
THERE ARE A TOTAL OF 458 TOTAL DOORS



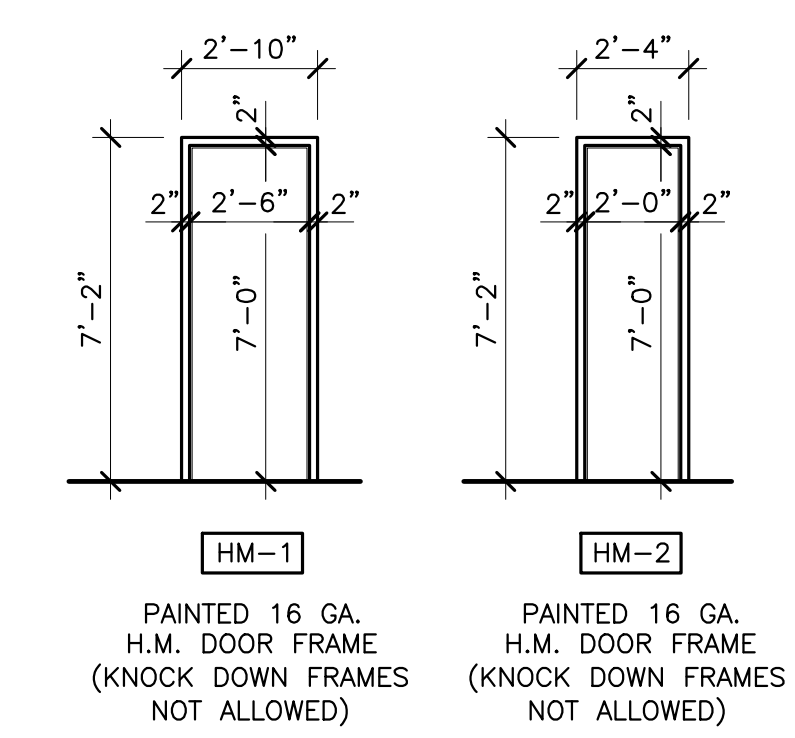
**TYPICAL SUITE FLOOR PLAN** SCALE: 1/4" = 1'-0"

**DOOR HARDWARE CONFIRMATION REQUEST:**

WE PROPOSE A DEADBOLT WITH THUMB THROW ON SECURE SIDE AND KEYS ACCESS ON NON-SECURE SIDE FOR THE TWO DOORS AT THE SHARED KITCHEN AND THE TWO DOORS AT THE SHARED BATHROOM. PLEASE CONFIRM AS WE UNDERSTAND THERE IS BOTH A SECURITY CONCERN AS WELL AS A LIFE SAFETY CONCERN DEPENDING ON THE LOCKING ARRANGEMENT.



**DOOR ELEVATIONS** SCALE: 1/4" = 1'-0"



**FRAME ELEVATIONS** SCALE: 1/4" = 1'-0"

NOTE: "KNOCK DOWN" FRAMES OF ANY KIND ARE NOT ALLOWED ON THIS PROJECT. ALL FRAMES TO BE FULLY WELDED CONSTRUCTION.





**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



Designer	WKB	Project Manager
Drafter	RKF	

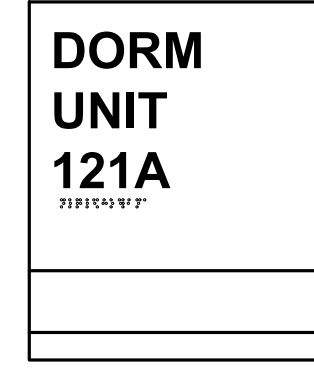
REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE  
**SIGNAGE SCHEDULE**

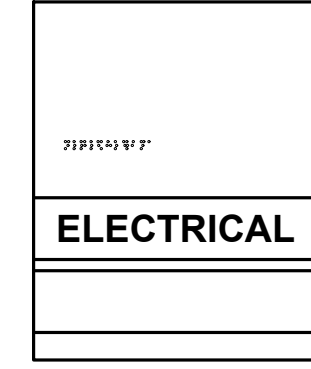
SHEET **A6.2** OF **22A**

PROJECT TITLE  
REPAIR DORM BOLO B4351  
BARKSDALE AIR FORCE BASE, LOUISIANA 71110

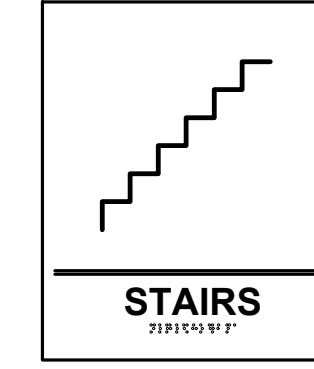
Project Number  
**OPP. NO. 1086485**  
Drawing Number  
**B4351**



THERE ARE A TOTAL OF 96 ENTRANCE DOORS TO ALL SUITES. A TOTAL OF 96 DORM UNIT SIGNS REQUIRED OF THIS TYPE.



NON-SUITE SIGNAGE – OWNER TO VERIFY EXACT TEXT FOR EACH SIGN



NON-SUITE SIGNAGE – OWNER TO VERIFY EXACT TEXT FOR EACH SIGN



NON-SUITE SIGNAGE – OWNER TO VERIFY EXACT TEXT FOR EACH SIGN

**SIGN TYPE "A"  
TYPICAL SUITE SIGN @ EXTERIOR ENTRANCE**  
N.T.S. EXACT SIGN TYPE, STYLE, AND COLOR T.B.D.

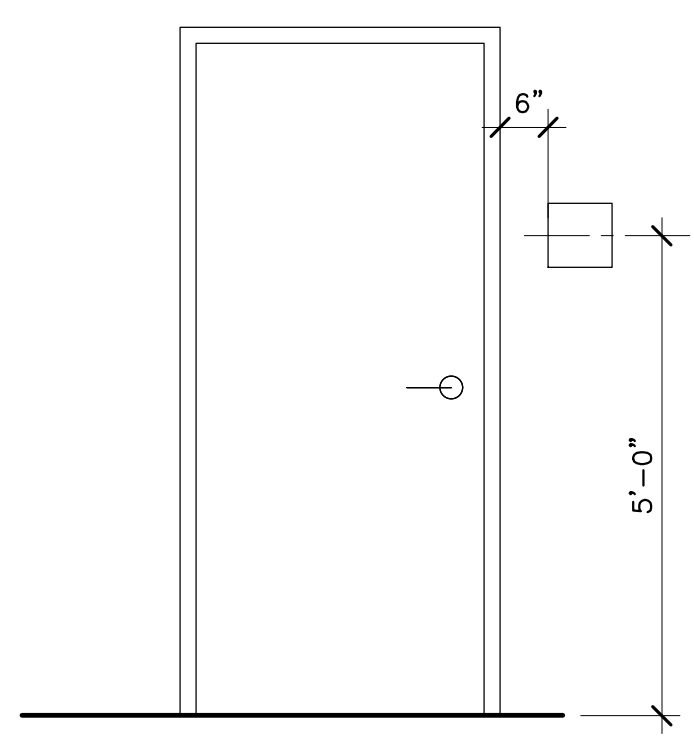
**SIGN TYPE "B"  
TYPICAL NON-SUITE SIGN**  
N.T.S. EXACT SIGN TYPE, STYLE, AND COLOR T.B.D.

**SIGN TYPE "C"  
TYPICAL STAIRS SIGN**  
N.T.S. EXACT SIGN TYPE, STYLE, AND COLOR T.B.D.

**SIGN TYPE "D"  
TYPICAL STORAGE ROOM SIGN**  
N.T.S. EXACT SIGN TYPE, STYLE, AND COLOR T.B.D.

**TYPICAL SUITE ROOM NAMES SHOWN - THERE ARE A TOTAL OF 48 SUITES**

NON SUITE ROOM FINISH SCHEDULE - RE: OVERALL PLANS ON SHEET A1.1 FOR ROOM NAME LOCATIONS			
ROOM#	DESCRIPTION	TEXT	SIGN TYPE
101	WAITING	WAITING	SIGN TYPE "B"
102	OFFICE	OFFICE	SIGN TYPE "B"
103	TLT.	TLT.	SIGN TYPE "B"
104	JAN.	JAN.	SIGN TYPE "B"
105	VENDING	VENDING	SIGN TYPE "B"
106	GAME ROOM	GAME ROOM	SIGN TYPE "B"
107	MULTI-PURPOSE	MULTI-PURPOSE	SIGN TYPE "B"
109	BULK STORAGE	BULK STORAGE	SIGN TYPE "D"
110	ELECTRICAL	ELECTRICAL	SIGN TYPE "B"
110a	COMMUNICATIONS	COMMUNICATIONS	SIGN TYPE "B"
111	MECHANICAL	MECHANICAL	SIGN TYPE "B"
112	LAUNDRY	LAUNDRY	SIGN TYPE "B"
117	STAIRS	STAIRS	SIGN TYPE "C"
118	ELECTRICAL	ELECTRICAL	SIGN TYPE "B"
119	COMMUNICATIONS	COMMUNICATIONS	SIGN TYPE "B"
126	COMMUNICATIONS	COMMUNICATIONS	SIGN TYPE "B"
127	ELECTRICAL	ELECTRICAL	SIGN TYPE "B"
128	STAIRS	STAIRS	SIGN TYPE "C"
132	FIRE PROTECTION	FIRE PROTECTION	SIGN TYPE "B"
202	ELECTRICAL	ELECTRICAL	SIGN TYPE "B"
203	COMMUNICATIONS	COMMUNICATIONS	SIGN TYPE "B"
213	COMMUNICATIONS	COMMUNICATIONS	SIGN TYPE "B"
214	ELECTRICAL	ELECTRICAL	SIGN TYPE "B"
215	STAIRS	STAIRS	SIGN TYPE "C"
225	FIRE PROTECTION	FIRE PROTECTION	SIGN TYPE "B"
302	ELECTRICAL	ELECTRICAL	SIGN TYPE "B"
303	COMMUNICATIONS	COMMUNICATIONS	SIGN TYPE "B"
313	COMMUNICATIONS	COMMUNICATIONS	SIGN TYPE "B"
314	ELECTRICAL	ELECTRICAL	SIGN TYPE "B"
315	STAIRS	STAIRS	SIGN TYPE "B"



**DOOR SIGN LOCATION**  
SCALE: 1/2" = 1'-0"

- SIGNAGE NOTES**
- ALL SIGNS SHALL BE IAW UFC 3-120-01 AIR FORCE SIGN STANDARD, TYPE BB2.
  - ALL TEXT AND NUMBERS SHALL BE HELVETICA REGULAR. HEIGHT AS SHOWN, FLUSH LEFT OR CENTERED AS SHOWN WITH ACCOMPANYING GRADE TWO BRAILLE BELOW.
  - ALL SIGNS EXCEPT MEN'S AND WOMEN'S ROOMS SHALL INCLUDE ROOM NUMBER (OWNER TO VERIFY IF ROOM NUMBERS ARE DESIRED.)
  - CONTRACTOR SHALL PROVIDE CUT SHEETS TO ALL VARIETIES OF SIGNS PRIOR TO ORDERING.
  - ALL "OFFICE" SIGNS SHALL INCLUDE TWO SLOTS BELOW LETTERING.

**OWNER TO VERIFY EXACT TEXT FOR  
ROOM NAMES LISTED IN SCHEDULE.**

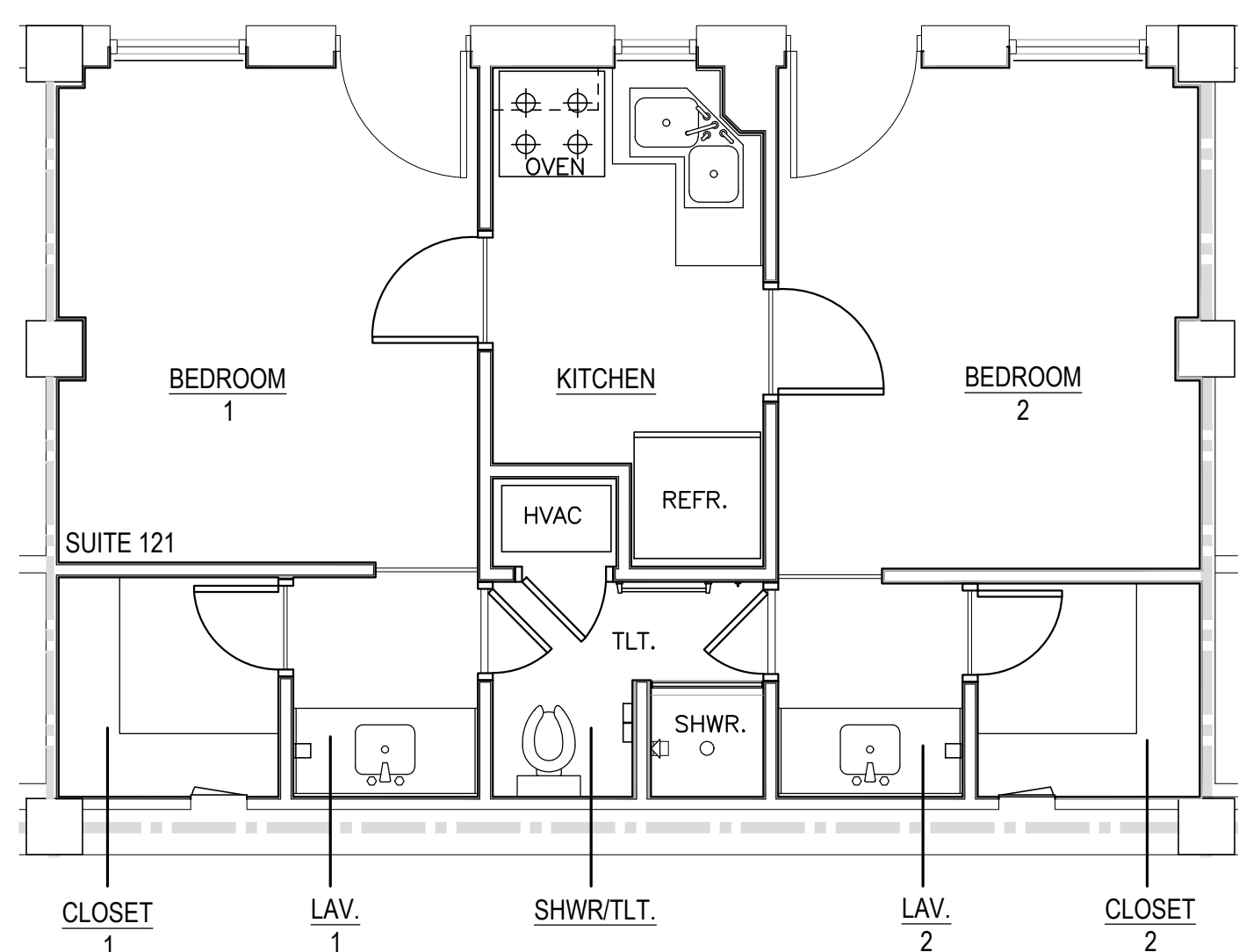


**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Arfield Manager
	Command Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

TYPICAL SUITE - ROOM FINISH SCHEDULE															
ROOM#	DESCRIPTION	FLOOR		BASE		WALLS	CEILING	REMARKS	C.H.						
		LVT	CARPET	TILE	RUBBER	TILE	NEW GYP. BD. - PRIME AND PAINT	WALL TILE WAINSCOT	FULL HEIGHT TILE	EXIST. CONCRETE - PRIME AND PAINT	NEW GYP. BD. - PRIME AND PAINT	2'x2' ACOUSTICAL CEILING TILE AND GRID	TILE		
121	BEDROOM 1	●			●		●			●					10'-0"
	BEDROOM 2		●		●		●			●					10'-0"
	CLOSET 1		●		●		●					●			7'-6"
	CLOSET 2		●		●		●					●			7'-6"
	LAV. 1	●			●		●					●			7'-6"
	LAV. 2	●			●		●					●			7'-6"
	SHWR.		●		●		●		●			●			7'-6"
	TLT.		●		●		●		●			●			7'-6"
	KITCHEN	●			●		●		●			●			8'-0"

TYPICAL SUITE FINISHES SHOWN - THERE ARE A TOTAL OF 48 SUITES



TYPICAL SUITE FLOOR PLAN SCALE: 1/4" = 1'-0"

NON SUITE ROOM FINISH SCHEDULE - RE: OVERALL PLANS ON SHEET A1.1 FOR ROOM NAME LOCATIONS															
ROOM#	DESCRIPTION	FLOOR		BASE		WALLS	CEILING	REMARKS	C.H.						
		EXIST. CONC. TO REMAIN	CARPET	EXIST. TILE TO REMAIN	EXIST. POLISHED CONC.	RUBBER	EXIST. TILE TO REMAIN	EXIST. GYP. BD. TO REMAIN - PRIME & PAINT	WALL TILE WAINSCOT	EXIST. CONCRETE - PRIME AND PAINT	NEW GYP. BD. - PRIME AND PAINT	2'x2' ACOUSTICAL CEILING TILE AND GRID			
101	WAITING				●	●		●			●				7'-10"
102	OFFICE	●				●		●			●				7'-10"
103	TLT.		●			●		●			●				7'-10"
104	JAN.	●				●		●			●				7'-10"
105	VENDING			●		●		●			●				7'-10"
106	GAME ROOM			●		●		●			●				7'-10"
107	MULTI-PURPOSE	●				●		●			●				7'-10"
109	BULK STORAGE														MATCH EXIST. - FIELD VERIFY
110	ELECTRICAL														MATCH EXIST. - FIELD VERIFY
110a	COMMUNICATIONS														MATCH EXIST. - FIELD VERIFY
111	MECHANICAL														MATCH EXIST. - FIELD VERIFY
112	LAUNDRY														MATCH EXIST. - FIELD VERIFY
117	STAIRS														SCRAPE, SAND, PRIME, AND PAINT ALL STEEL HANDRAILS, GUARDRAILS, AND STAIRS
118	ELECTRICAL														MATCH EXIST. - FIELD VERIFY
119	COMMUNICATIONS														MATCH EXIST. - FIELD VERIFY
126	COMMUNICATIONS														MATCH EXIST. - FIELD VERIFY
127	ELECTRICAL														MATCH EXIST. - FIELD VERIFY
128	STAIRS														SCRAPE, SAND, PRIME, AND PAINT ALL STEEL HANDRAILS, GUARDRAILS, AND STAIRS
132	FIRE PROTECTION														MATCH EXIST. - FIELD VERIFY
202	ELECTRICAL														MATCH EXIST. - FIELD VERIFY
203	COMMUNICATIONS														MATCH EXIST. - FIELD VERIFY
213	COMMUNICATIONS														MATCH EXIST. - FIELD VERIFY
214	ELECTRICAL														MATCH EXIST. - FIELD VERIFY
215	STAIRS														SCRAPE, SAND, PRIME, AND PAINT ALL STEEL HANDRAILS, GUARDRAILS, AND STAIRS
225	FIRE PROTECTION														MATCH EXIST. - FIELD VERIFY
302	ELECTRICAL														MATCH EXIST. - FIELD VERIFY
303	COMMUNICATIONS														MATCH EXIST. - FIELD VERIFY
313	COMMUNICATIONS														MATCH EXIST. - FIELD VERIFY
314	ELECTRICAL														MATCH EXIST. - FIELD VERIFY
315	STAIRS														MATCH EXIST. - FIELD VERIFY

FINISH GYPSUM BOARD IN ACCORDANCE WITH LEVELS DEFINED IN ASTM C840, AS FOLLOWS

- LEVEL 5: WALLS AND CEILINGS TO RECEIVE SEMI-GLOSS OR GLOSS PAINT FINISH AND OTHER AREAS SPECIFICALLY INDICATED.
- LEVEL 4: WALLS AND CEILINGS TO RECEIVE PAINT FINISH OR WALL COVERINGS, UNLESS OTHERWISE INDICATED.
- LEVEL 3: WALLS TO RECEIVE TEXTURED WALL FINISH.
- LEVEL 2: IN UTILITY AREAS, BEHIND CABINETS, AND ON BACKING BOARD TO RECEIVE TILE FINISH.
- LEVEL 1: FIRE-RESISTANCE-RATED WALL AREAS ABOVE FINISHED CEILINGS, WHETHER ACCESSIBLE IN THE COMPLETED CONSTRUCTION.



Designer	WKB	Project Manager
Drafter	RKF	

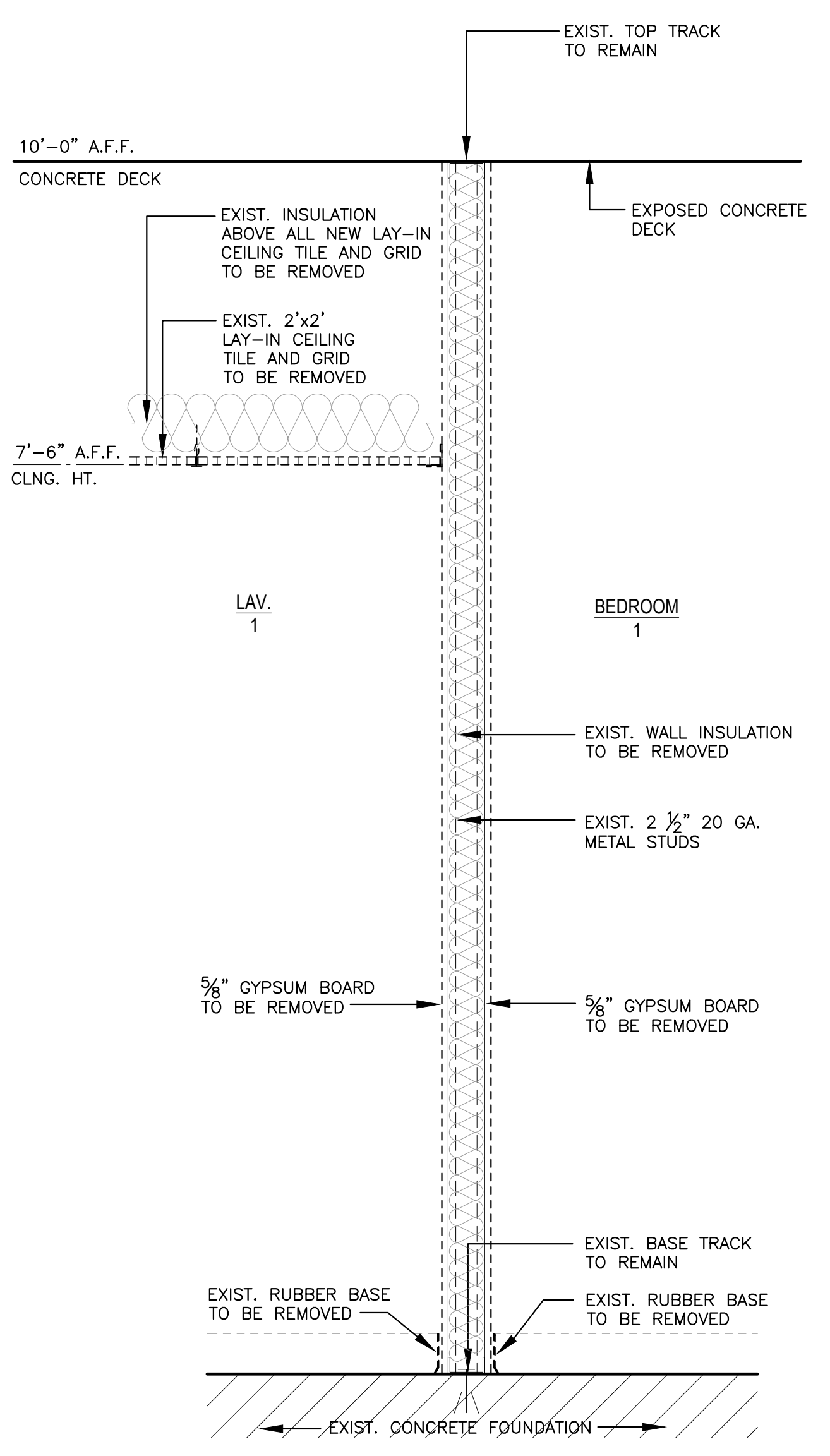
REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE	
FINISH SCHEDULE	
SHEET	OF
A6.3	22A
PROJECT TITLE	
REPAIR DORM BOLO B4351	
BARKSDALE AIR FORCE BASE, LOUISIANA 71110	
Project Number	
OPP. NO. 1086485	
Drawing Number	Facility Number
	B4351

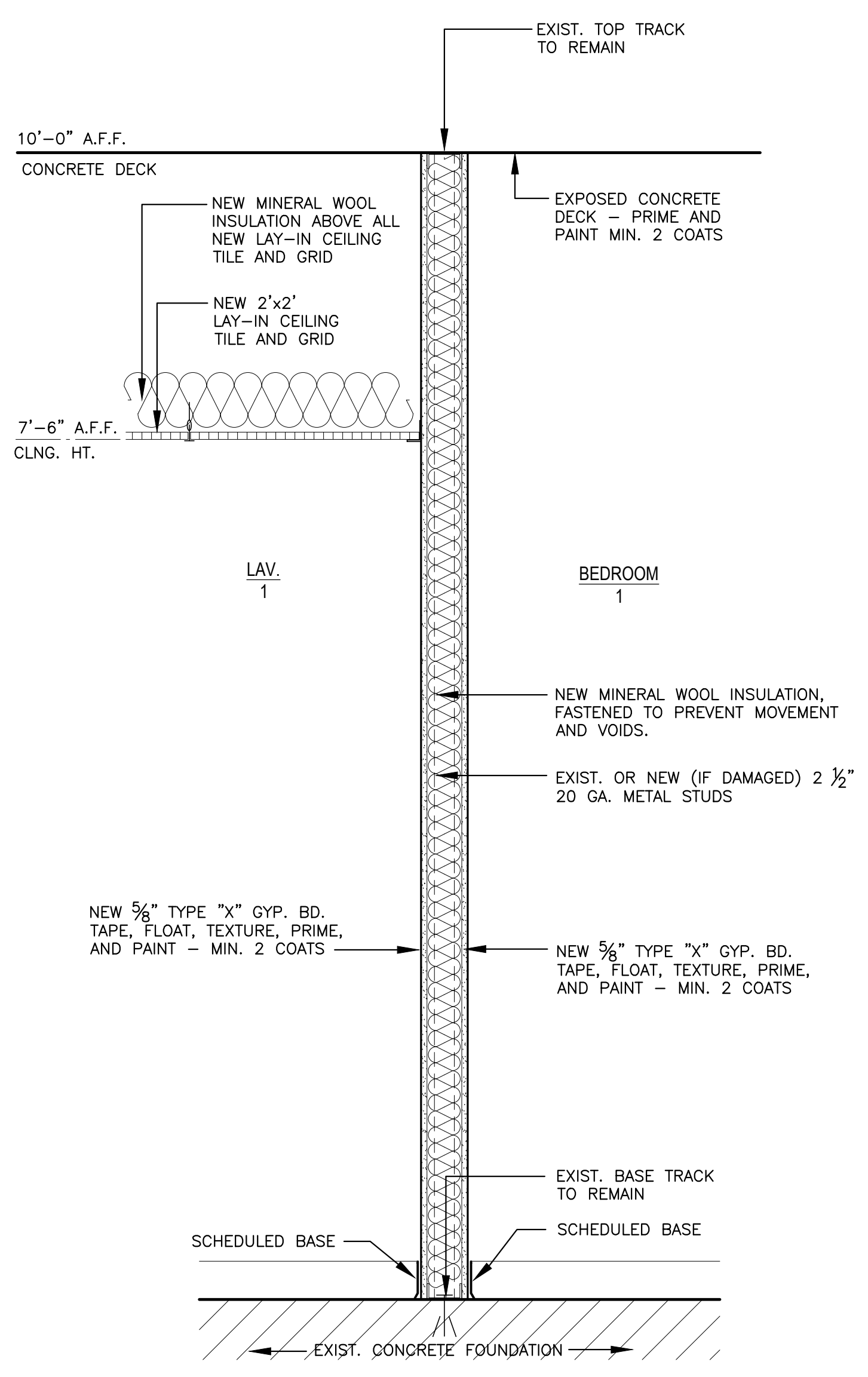


**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

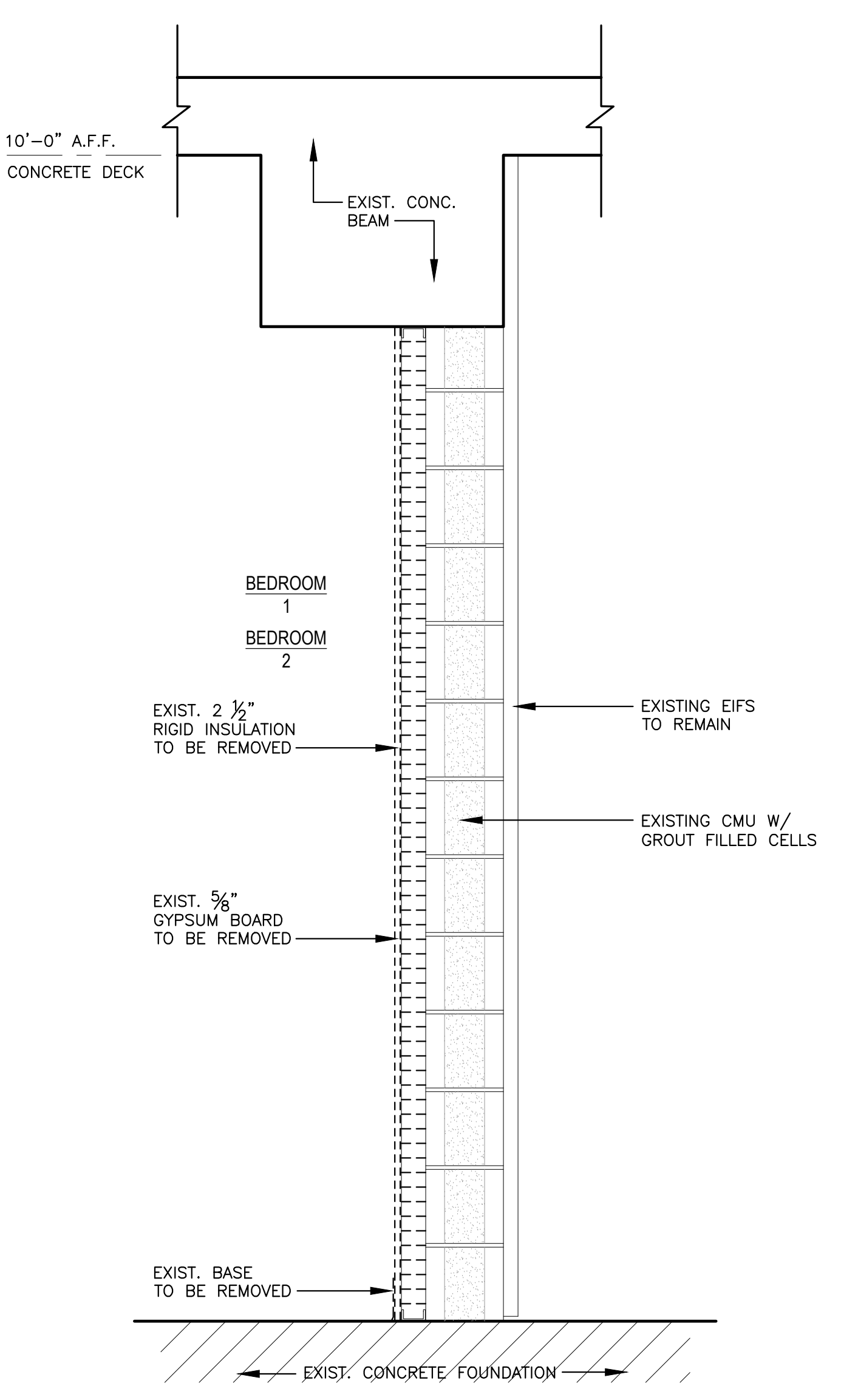
APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Commission Engineer
	Protective Coating Eng.



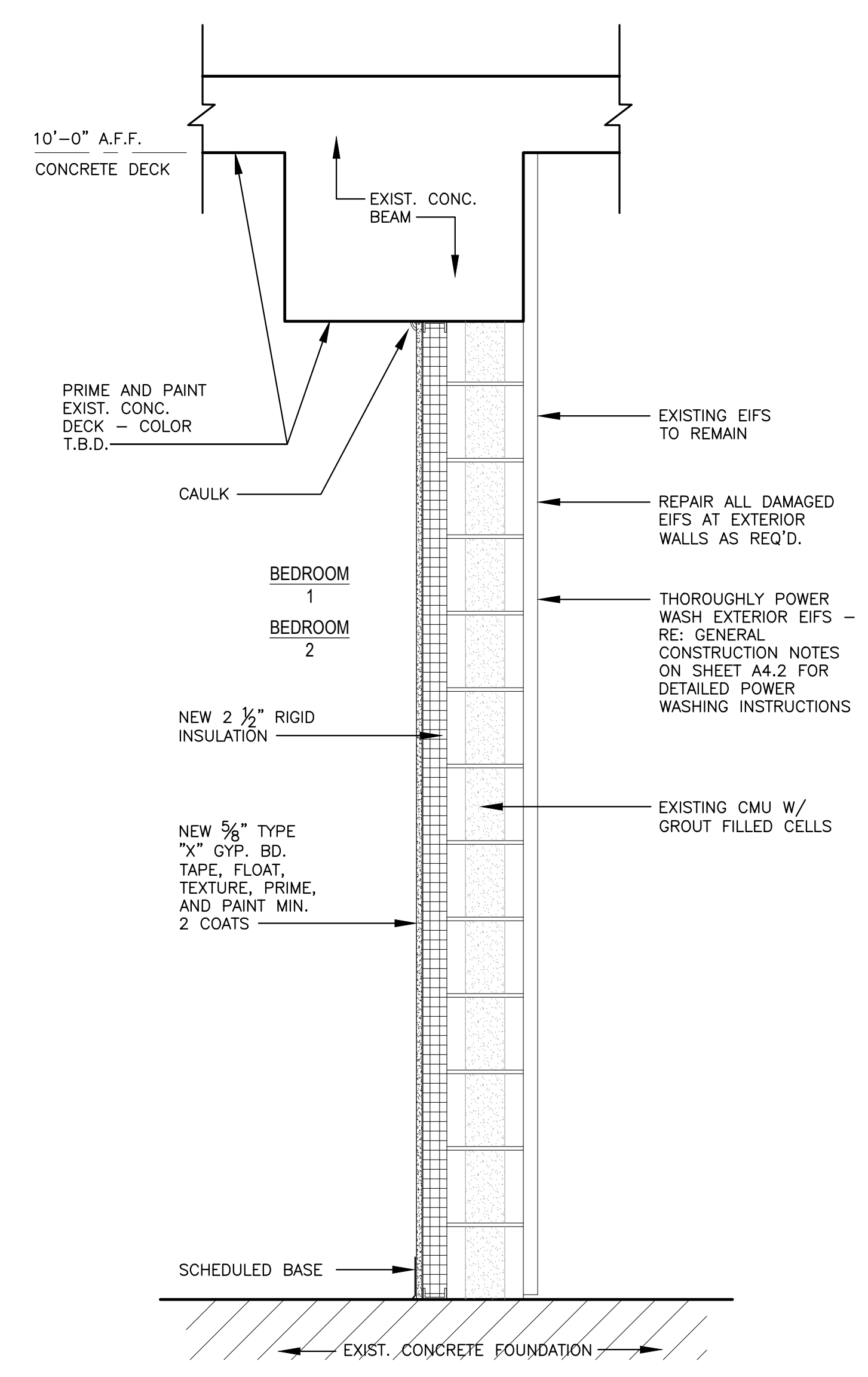
**1** TYPICAL INTERIOR WALL SECTION - DEMO  
A7.1 SCALE: 1" = 1'-0"



**2** TYPICAL INTERIOR WALL SECTION - NEW  
A7.1 SCALE: 1" = 1'-0"



**3** TYPICAL EXTERIOR WALL SECTION - DEMO  
A7.1 SCALE: 1" = 1'-0"



**4** TYPICAL EXTERIOR WALL SECTION - NEW  
A7.1 SCALE: 1" = 1'-0"



Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE	
WALL SECTIONS	
SHEET	OF
A7.1	22A

PROJECT TITLE	
REPAIR DORM BOLO B4351	
BARKSDALE AIR FORCE BASE, LOUISIANA 71110	
Project Number	OPP. NO. 1086485
Drawing Number	Facility Number
	B4351



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Rooftop Engineer
	Pavements Engineer
	Commission Engineer
	Protective Coating Eng.

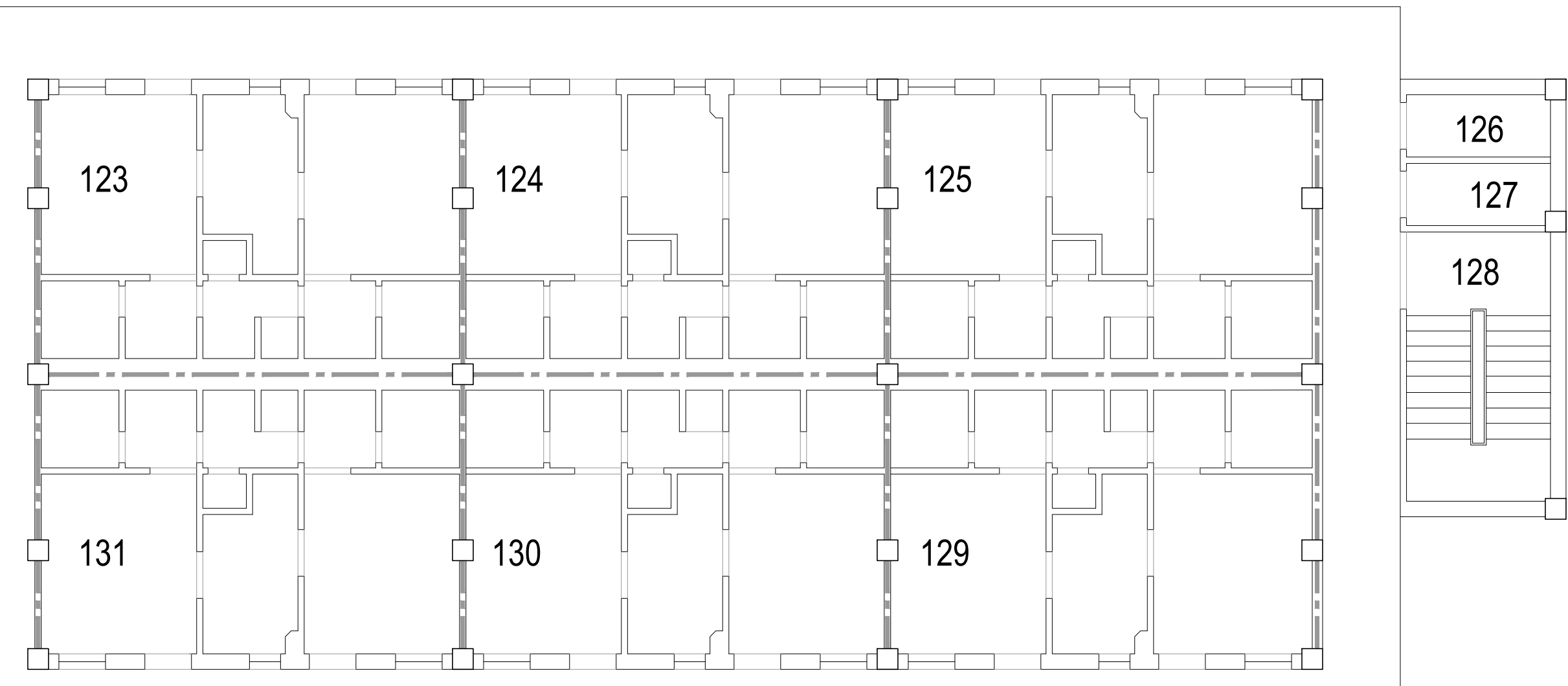
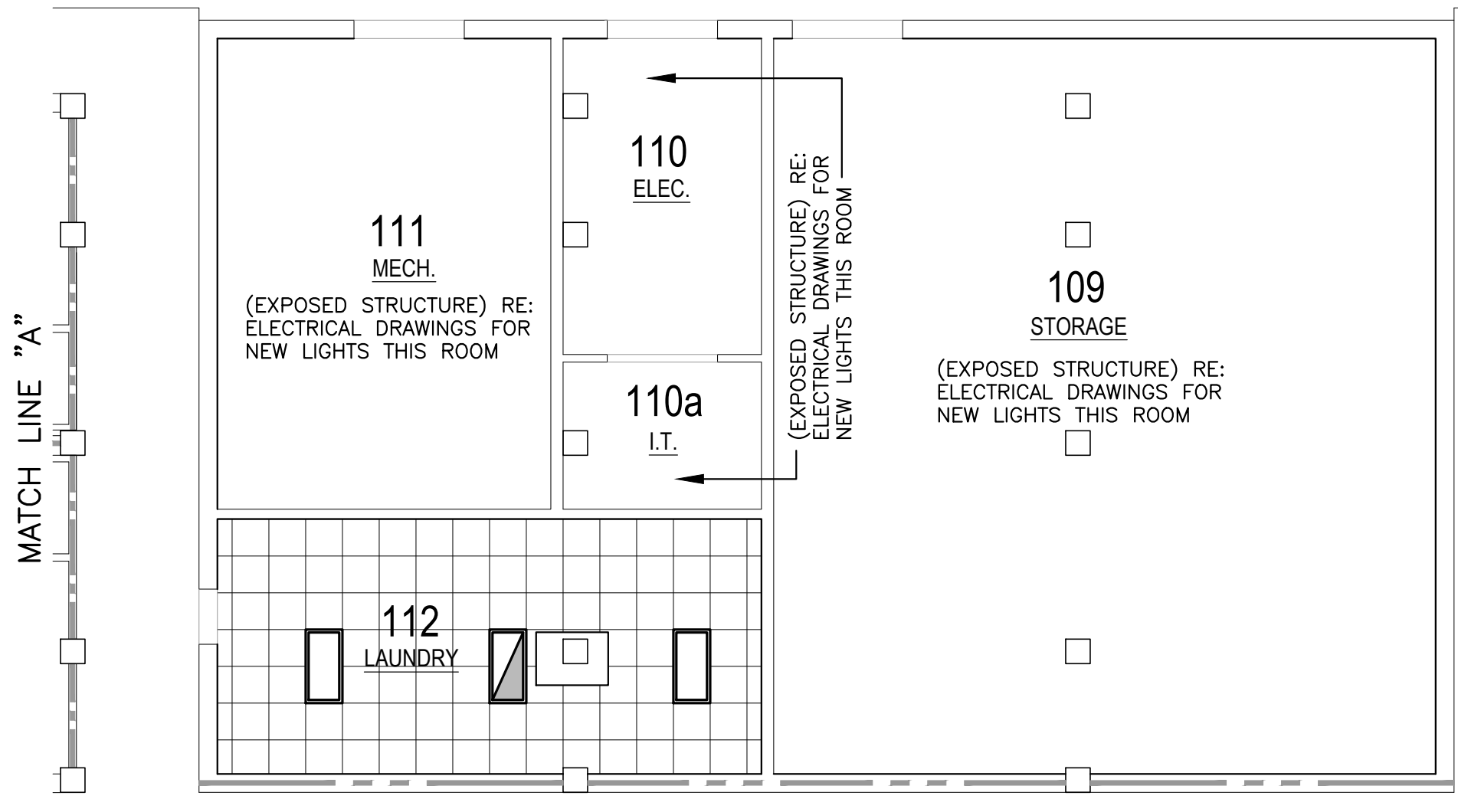


Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

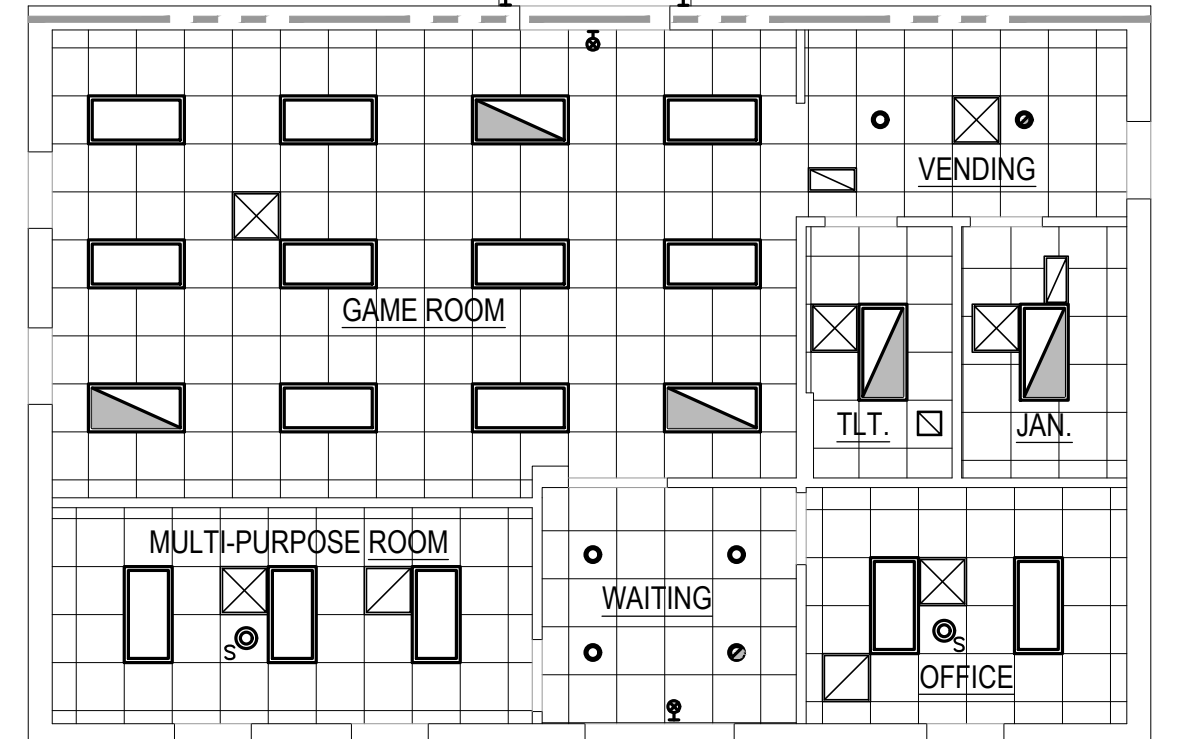
SHEET TITLE	
FIRST FLOOR CEILING PLAN	
SHEET	OF
A8.1	22A

PROJECT TITLE	
REPAIR DORM BOLO B4351	
BARKSDALE AIR FORCE BASE, LOUISIANA 71110	
Project Number	OPP. NO. 1086485
Drawing Number	Facility Number B4351

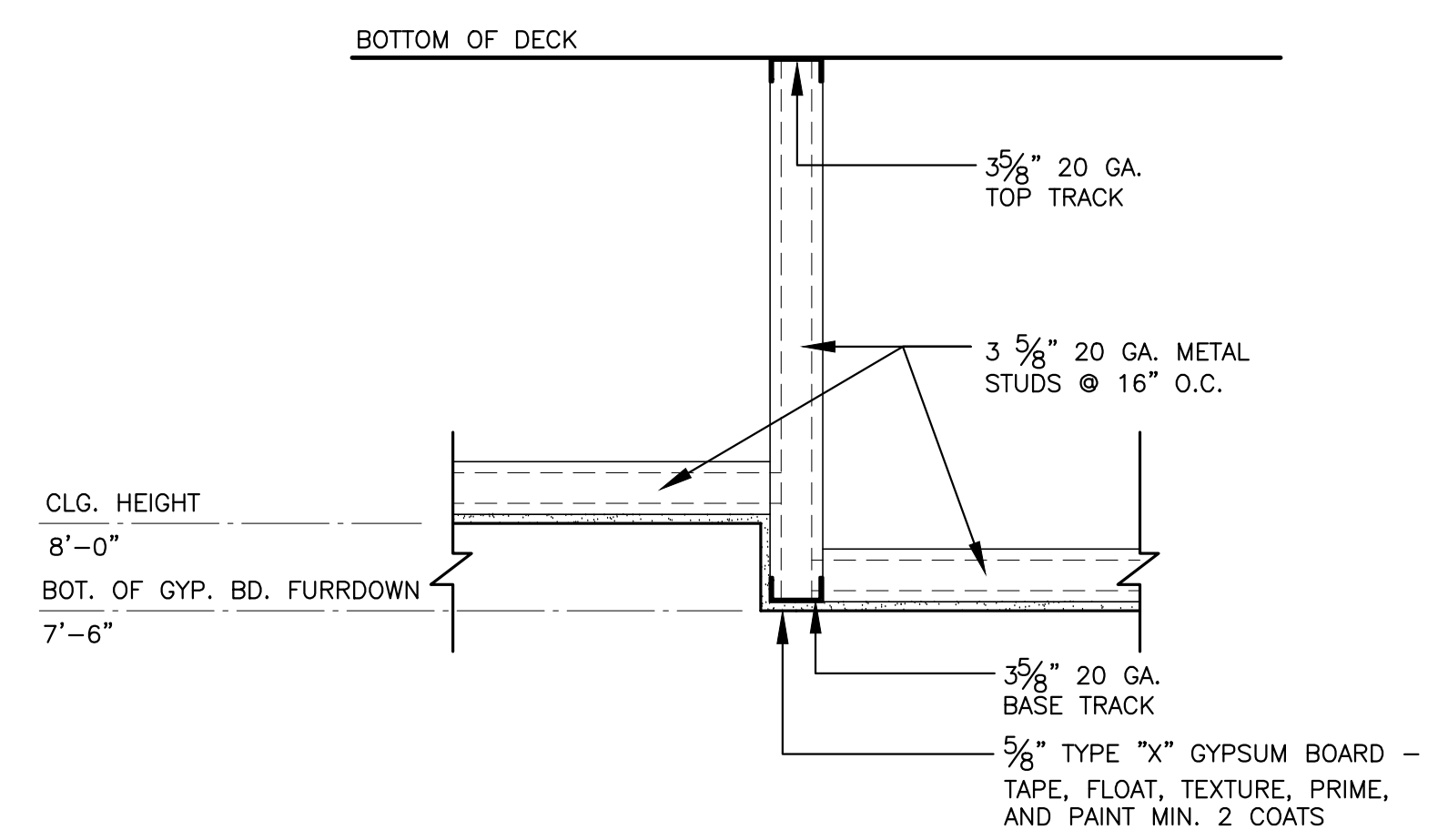


**CEILING DEMOLITION LEGEND**

- NEW 2'x2' ACOUSTICAL CEILING TILE AND GRID.
- GYPSUM BOARD CEILING - TAPE, FLOAT, TEXTURE, PRIME, AND PAINT MIN. 2 COATS
- NEW 2'x4' RECESSED LIGHT - RE: ELECTRICAL.
- NEW 2'x4' RECESSED LIGHT W/ EMERGENCY BACKUP - RE: ELECTRICAL.
- NEW CAN LIGHT - RE: ELECTRICAL.
- NEW CAN LIGHT W/ EMERGENCY BACKUP - RE: ELECTRICAL.
- NEW LIGHT - RE: ELECTRICAL.
- NEW SURFACE MOUNTED LIGHT - RE: ELECTRICAL.
- NEW SUPPLY DIFFUSER - RE: MECHANICAL.
- NEW RETURN DIFFUSERS - RE: MECHANICAL.
- NEW VENT - RE: MECHANICAL.
- NEW SPEAKER - RE: ELECTRICAL.
- NEW CEILING FAN WITH LIGHT KIT - RE: MECHANICAL.
- NEW WALL SCONCE - RE: MECHANICAL.
- WALL SCONCE - RE: ELECTRICAL.
- NEW WALL SCONCE W/ EMERGENCY BACKUP - RE: ELECTRICAL.
- NEW EXIT LIGHT - RE: ELECTRICAL.

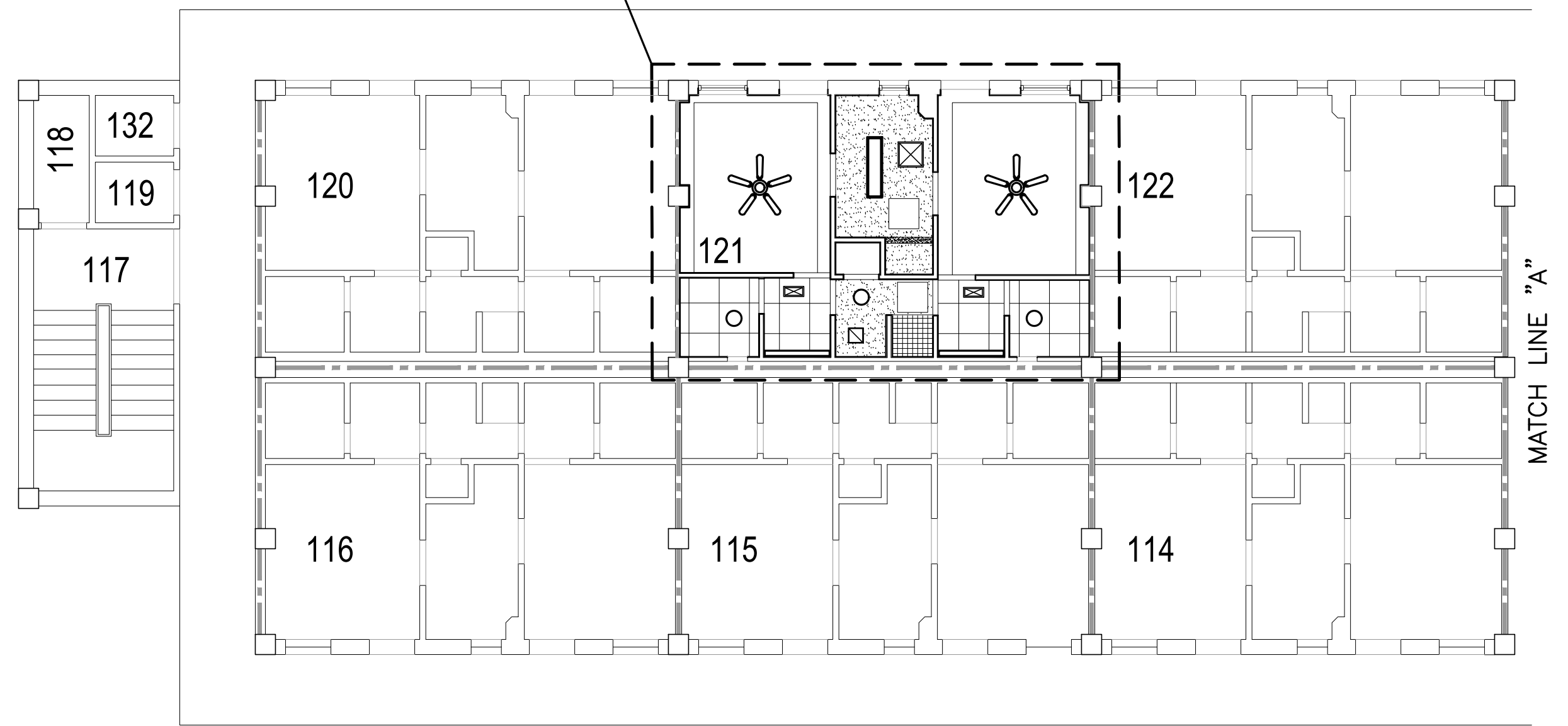


7'-10" CEILING HEIGHT A.F.F. ALL ROOMS THIS BUILDING



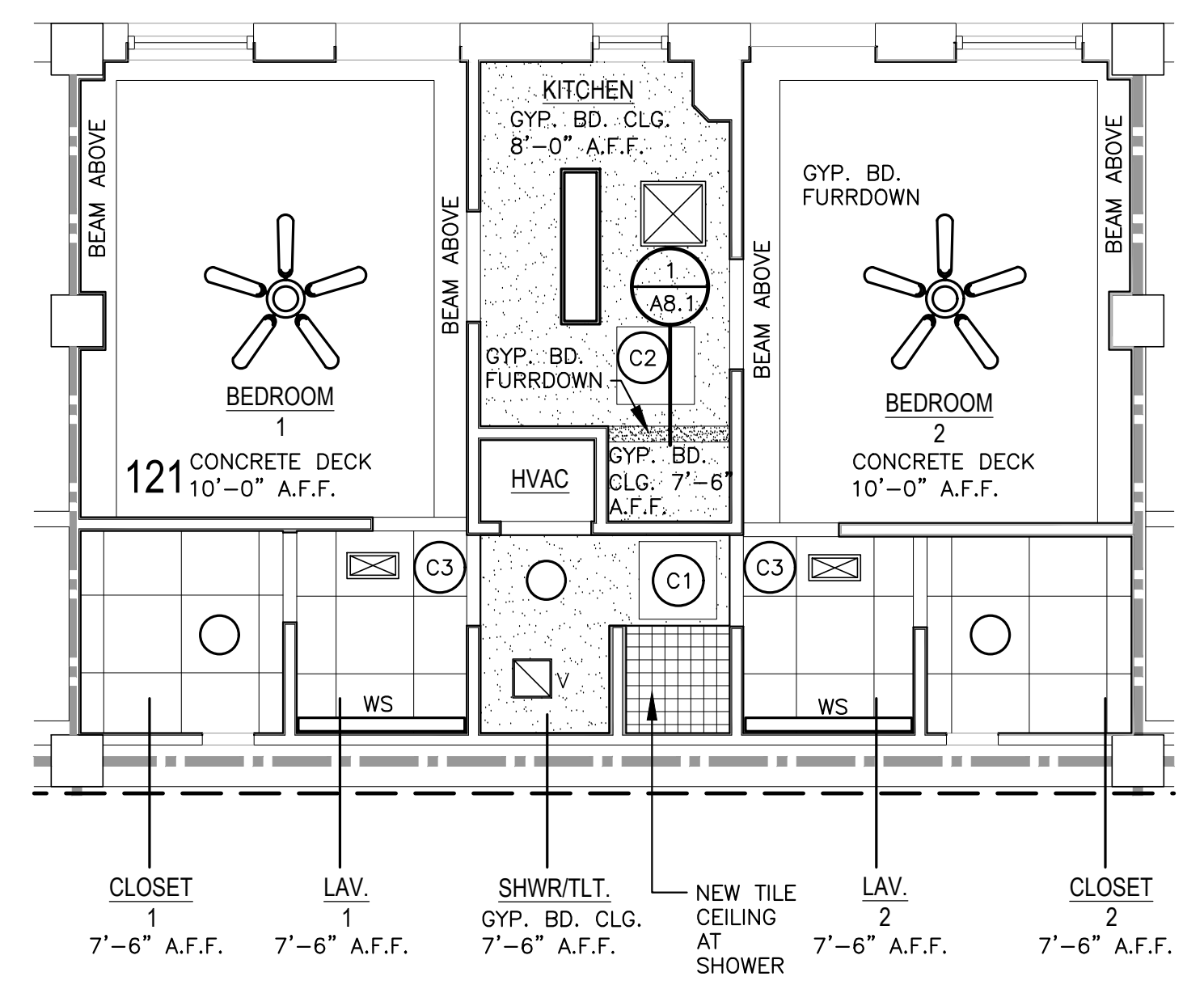
**1 GYPSUM BOARD FURRDOWN SECTION**  
A8.1 SCALE: 1" = 1'-0"

TYPICAL SUITE - RE: ENLARGED TYPICAL SUITE FIRST FLOOR CEILING PLAN THIS SHEET



**FIRST FLOOR CEILING PLAN**

SCALE: 1/8" = 1'-0"



**CEILING ACCESS PANEL GENERAL NOTE:**  
INSTALL CEILING ACCESS PANELS AT ALL LOCATIONS FOR ABOVE CEILING ACCESS TO VALVES, DAMPERS, AND EQUIPMENT. RE: MECHANICAL PLANS.

**CEILING ACCESS PANEL NOTES:**

- (C1) NEW 24"x24" ACCESS PANEL FOR FAN COIL UNIT ISOLATION VALVES - RE: MECHANICAL DRAWINGS.
- (C2) NEW 24"x24" ACCESS PANEL FOR DUCTWORK DAMPERS - RE: MECHANICAL DRAWINGS.
- (C3) DUCTWORK DAMPERS ABOVE CEILING TILE THIS LOCATION - RE: MECHANICAL DRAWINGS.

**ENLARGED TYPICAL SUITE FIRST FLOOR CEILING PLAN**

SCALE: 1/4" = 1'-0"



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Arfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Commission Engineer
	Protective Coating Eng.

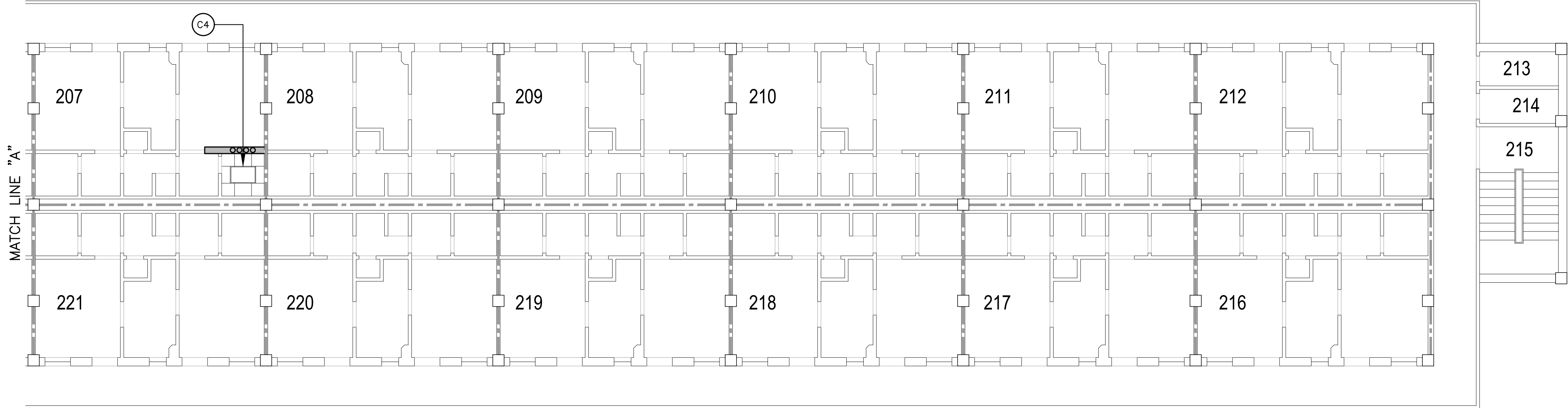


Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE	
SECOND FLOOR CEILING PLAN	
SHEET	OF
A8.2	22A

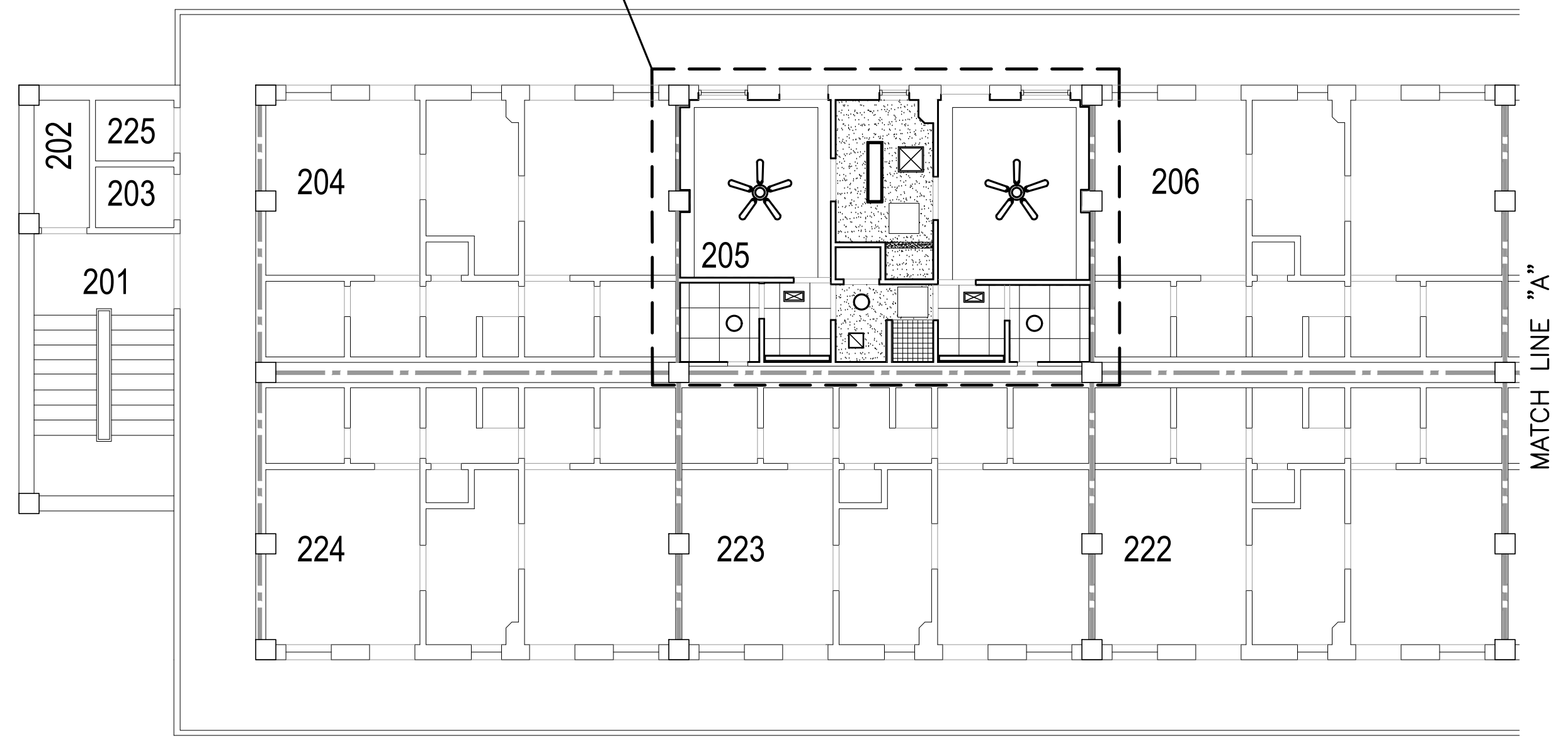
PROJECT TITLE	
REPAIR DORM BOLO B4351	
BARKSDALE AIR FORCE BASE, LOUISIANA 71110	
Project Number	OPP. NO. 1086485
Drawing Number	Facility Number B4351



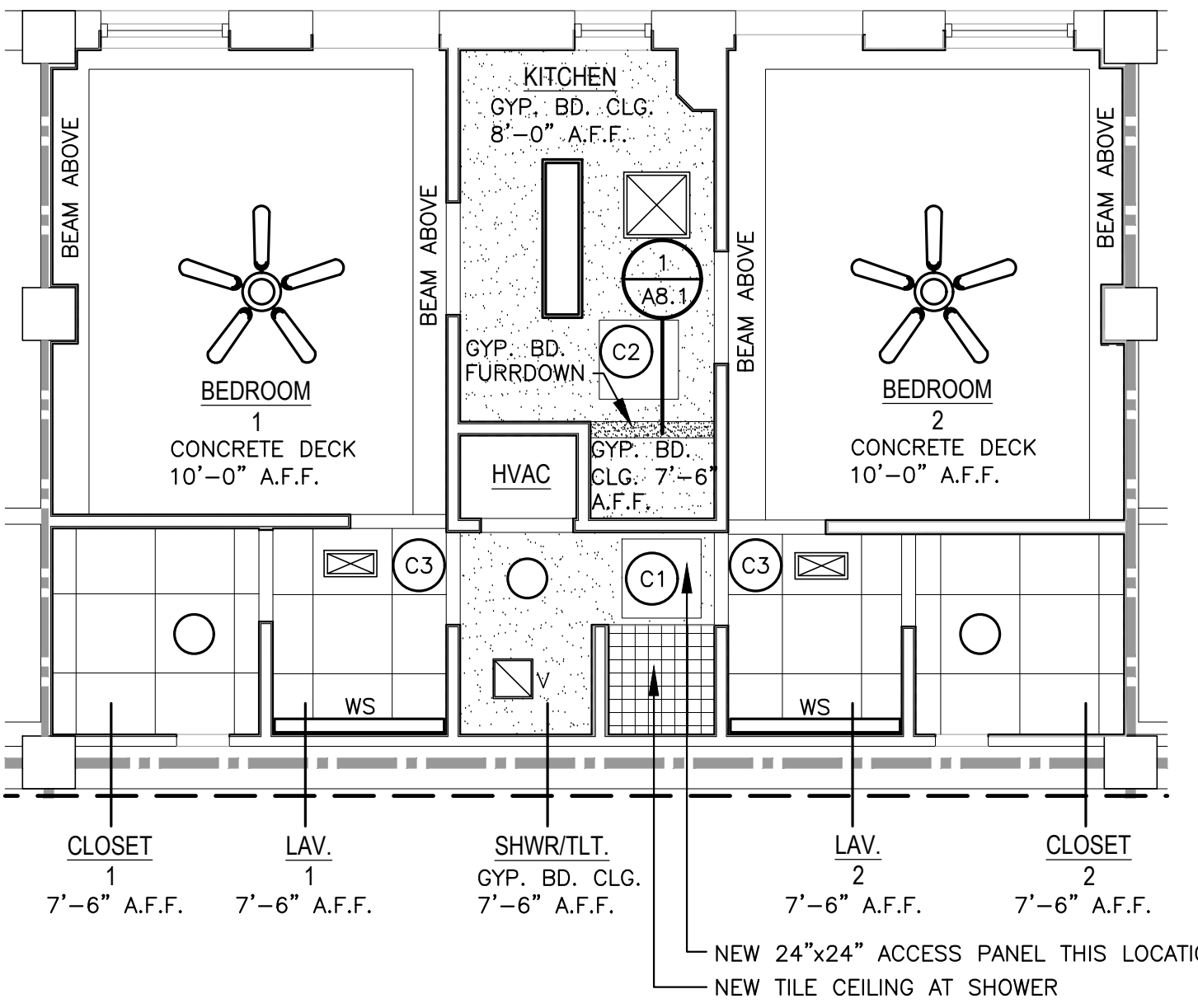
**CEILING DEMOLITION LEGEND**

- NEW 2'x2' ACOUSTICAL CEILING TILE AND GRID.
- GYPSUM BOARD CEILING - TAPE, FLOAT, TEXTURE, PRIME, AND PAINT MIN. 2 COATS
- NEW RECESSED LIGHT - RE: ELECTRICAL.
- NEW SURFACE MOUNTED LIGHT - RE: ELECTRICAL.
- NEW SURFACE MOUNTED LIGHT - RE: ELECTRICAL.
- NEW WALL SCONCE - RE: ELECTRICAL.
- NEW CEILING FAN WITH LIGHT KIT - RE: ELECTRICAL.
- NEW SUPPLY DIFFUSER - RE: MECHANICAL.
- NEW RETURN DIFFUSERS - RE: MECHANICAL.
- NEW VENT - RE: MECHANICAL.
- NEW 24x36 ACCESS HATCH IN SUITE 207 CLOSET LOCATION

TYPICAL SUITE - RE: ENLARGED TYPICAL SUITE  
SECOND FLOOR CEILING PLAN THIS SHEET



**SECOND FLOOR CEILING PLAN** SCALE: 1/8" = 1'-0"



**ENLARGED TYPICAL SUITE SECOND FLOOR CEILING PLAN** SCALE: 1/4" = 1'-0"

**CEILING ACCESS PANEL GENERAL NOTE:**  
INSTALL CEILING ACCESS PANELS AT ALL LOCATIONS FOR ABOVE CEILING ACCESS TO VALVES, DAMPERS, AND EQUIPMENT. RE: MECHANICAL PLANS.

**CEILING ACCESS PANEL NOTES:**

- (C1) NEW 24"x24" ACCESS PANEL FOR FAN COIL UNIT ISOLATION VALVES - RE: MECHANICAL DRAWINGS.
- (C2) NEW 24"x24" ACCESS PANEL FOR DUCTWORK DAMPERS - RE: MECHANICAL DRAWINGS.
- (C3) DUCTWORK DAMPERS ABOVE CEILING TILE THIS LOCATION - RE: MECHANICAL DRAWINGS.
- (C4) NEW 24"x36" ACCESS PANEL FOR FAN COIL UNIT ISOLATION VALVES - RE: MECHANICAL DRAWINGS.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

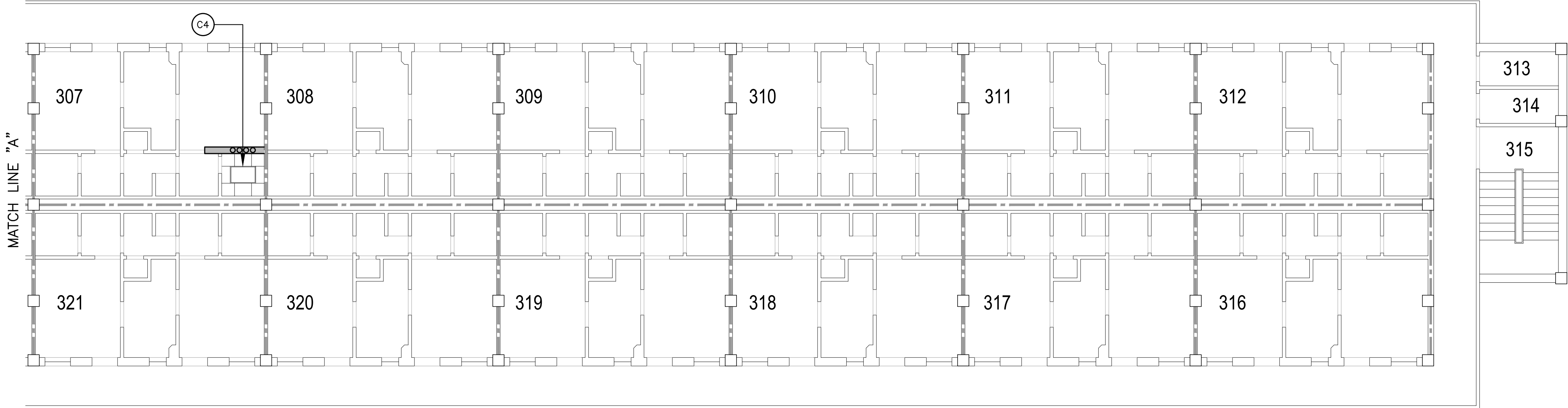


Designer	WKB	Project Manager
Drafter	RKF	

REVISION	BY/DATE
TITLE 1-A 15%	OCT 25 2023
TITLE 1-B 35%	DEC 19 2023
TITLE 1-B 35%A	FEB 1 2024

SHEET TITLE	
THIRD FLOOR CEILING PLAN	
SHEET	OF
A8.3	22A

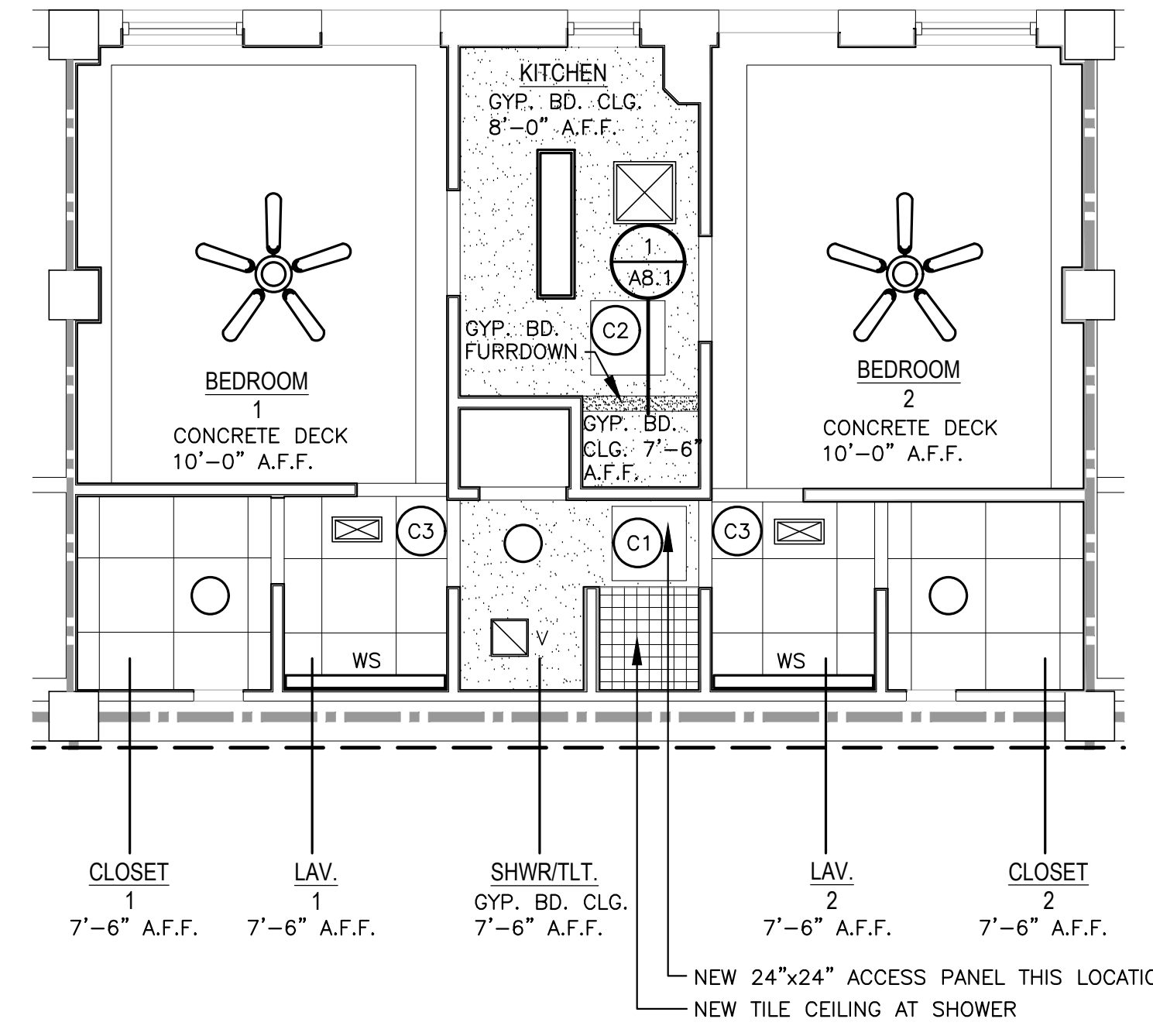
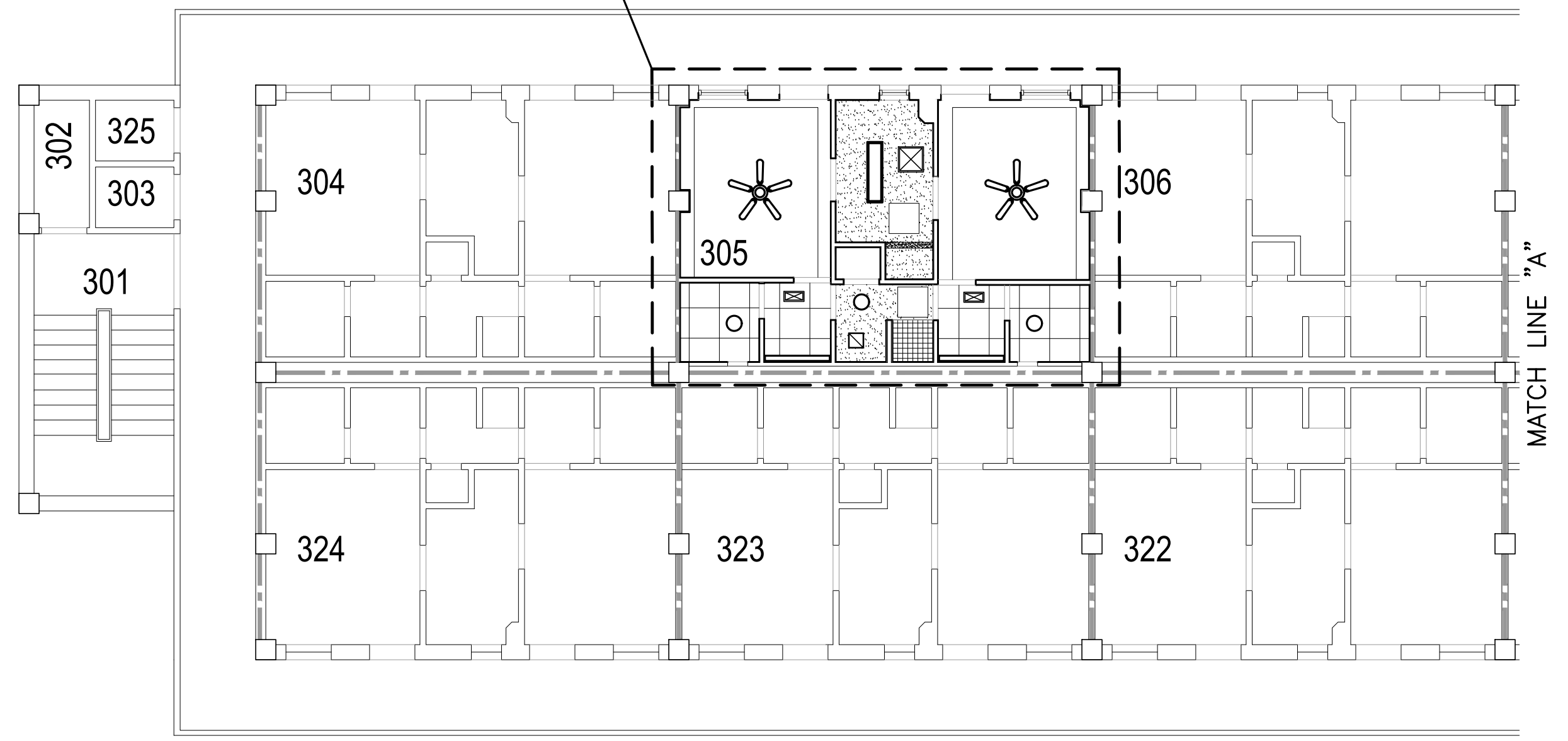
PROJECT TITLE	
REPAIR DORM BOLO B4351	
BARKSDALE AIR FORCE BASE, LOUISIANA 71110	
Project Number	OPP. NO. 1086485
Drawing Number	Facility Number
	B4351



**CEILING DEMOLITION LEGEND**

- NEW 2'x2' ACOUSTICAL CEILING TILE AND GRID.
- GYPSUM BOARD CEILING - TAPE, FLOAT, TEXTURE, PRIME, AND PAINT MIN. 2 COATS
- NEW RECESSED LIGHT - RE: ELECTRICAL.
- NEW SURFACE MOUNTED LIGHT - RE: ELECTRICAL.
- NEW SURFACE MOUNTED LIGHT - RE: ELECTRICAL.
- NEW WALL SCONCE - RE: ELECTRICAL.
- NEW CEILING FAN WITH LIGHT KIT - RE: ELECTRICAL.
- NEW SUPPLY DIFFUSER - RE: MECHANICAL.
- NEW RETURN DIFFUSERS - RE: MECHANICAL.
- NEW VENT - RE: MECHANICAL.
- NEW 24x36 ACCESS HATCH IN SUITE 207 CLOSET LOCATION

TYPICAL SUITE - RE: ENLARGED TYPICAL SUITE  
THIRD FLOOR CEILING PLAN THIS SHEET



**CEILING ACCESS PANEL GENERAL NOTE:**  
INSTALL CEILING ACCESS PANELS AT ALL LOCATIONS FOR ABOVE CEILING ACCESS TO VALVES, DAMPERS, AND EQUIPMENT. RE: MECHANICAL PLANS.

**CEILING ACCESS PANEL NOTES:**

- (C1) NEW 24"x24" ACCESS PANEL FOR FAN COIL UNIT ISOLATION VALVES - RE: MECHANICAL DRAWINGS.
- (C2) NEW 24"x24" ACCESS PANEL FOR DUCTWORK DAMPERS - RE: MECHANICAL DRAWINGS.
- (C3) DUCTWORK DAMPERS ABOVE CEILING TILE THIS LOCATION - RE: MECHANICAL DRAWINGS.
- (C4) NEW 24"x36" ACCESS PANEL FOR FAN COIL UNIT ISOLATION VALVES - RE: MECHANICAL DRAWINGS.

**THIRD FLOOR CEILING PLAN**

SCALE: 1/8" = 1'-0"

**ENLARGED TYPICAL SUITE THIRD FLOOR CEILING PLAN**

SCALE: 1/4" = 1'-0"



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM  
**KBA**  
kevin bryan architect  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-673-9960 FAX: 318-673-9962

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**FIRST FLOOR HVAC DEMOLITION PLAN**

SHEET **MD1.1** OF **17M**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

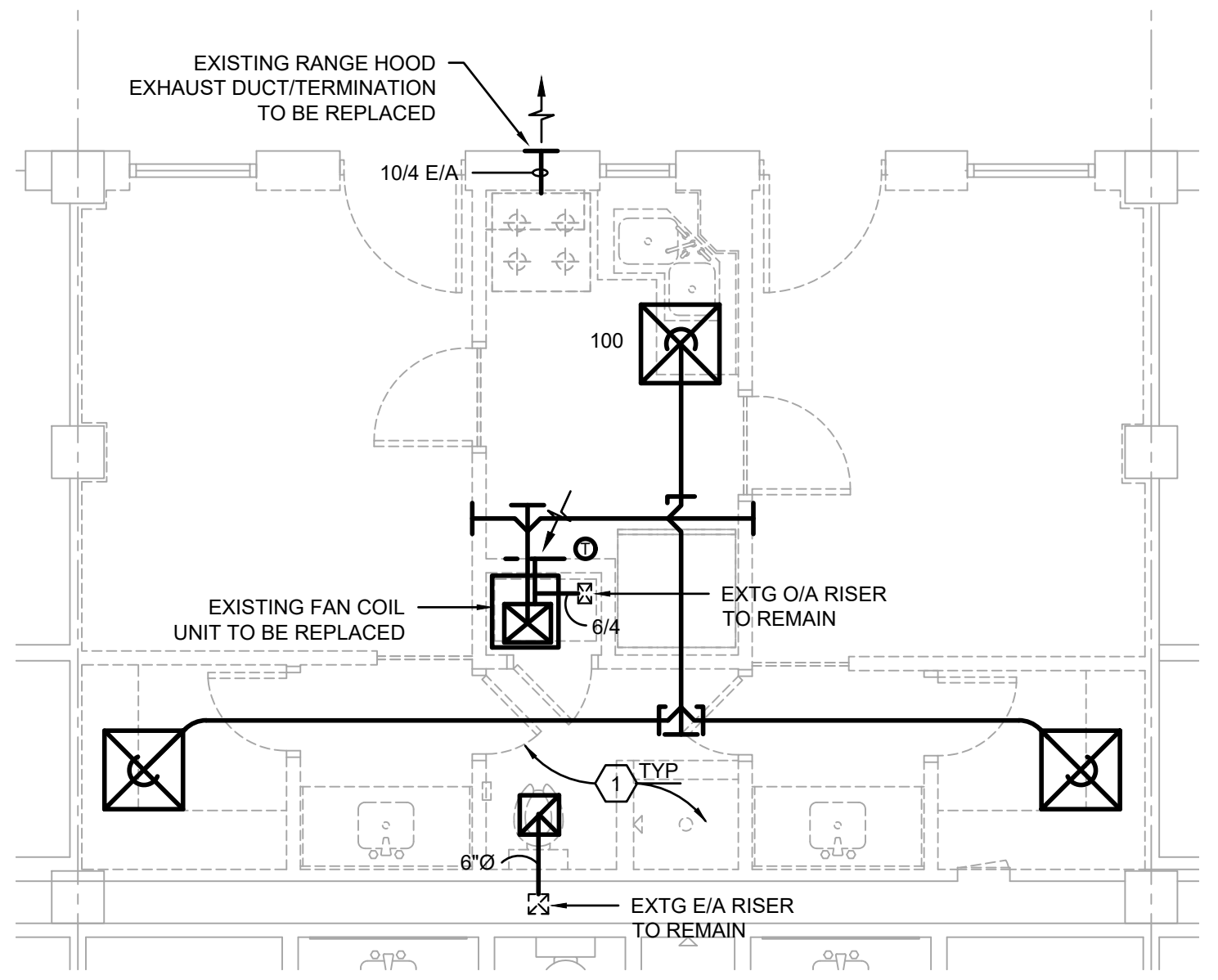
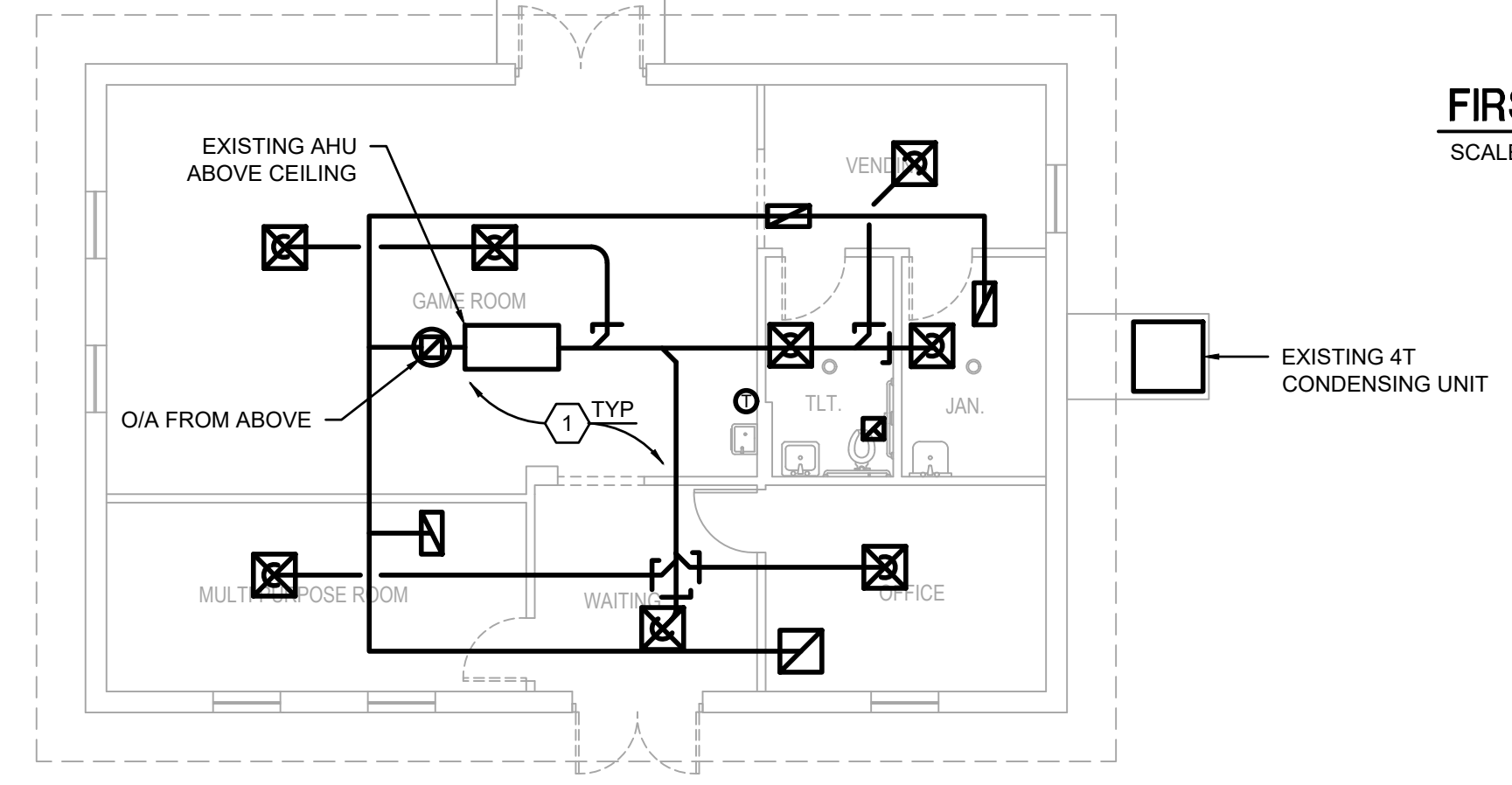
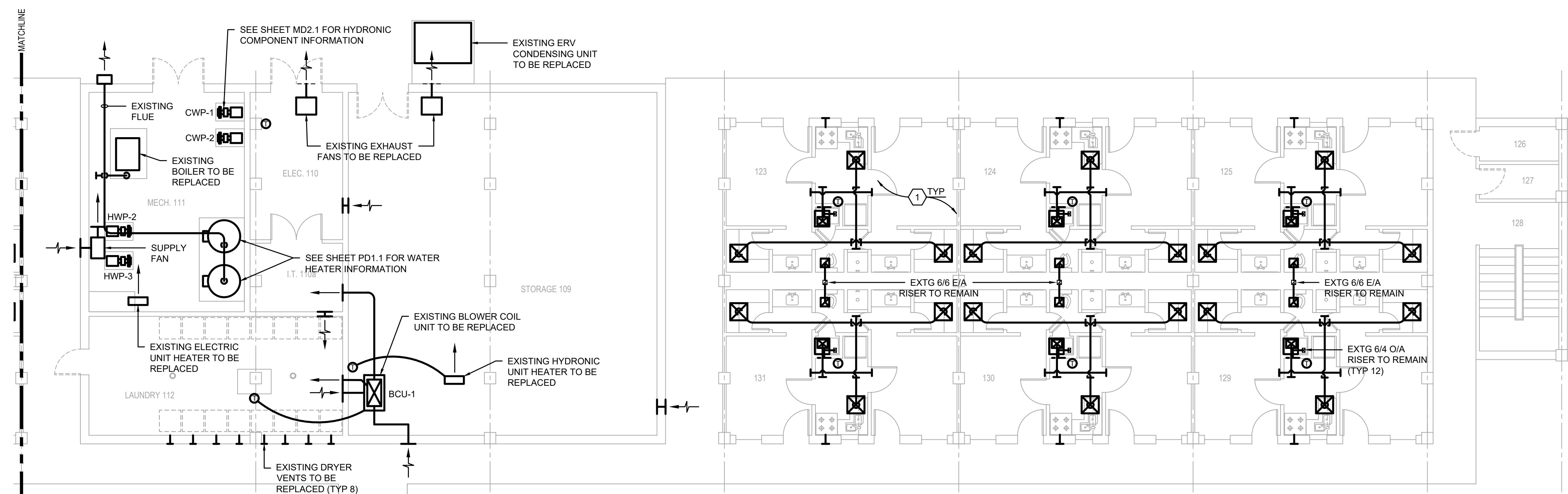
Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

DEMOLITION LEGEND (MECHANICAL ITEMS ONLY)	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

**MECHANICAL DEMOLITION NOTES:**

1. REMOVE AND LEGALLY DISCARD EXISTING HVAC EQUIPMENT, AIR DEVICES, CONTROLS, THERMOSTATS, ETC. RETAIN EXISTING OUTSIDE AIR AND EXHAUST AIR RISERS TO REMAIN FOR REUSE UNDER RENOVATION.
2. REMOVE AND LEGALLY DISCARD EXISTING PUMPS CWP-1, CWP-2, HWP-1, HWP-2 AND 1329 MBH BOILER. RETAIN EXISTING DUCTWORK, PIPING, ETC. FOR REUSE UNDER RENOVATION.



**A** TYPICAL ENLARGED SUITE HVAC DEMOLITION PLAN  
SCALE: 1/4" = 1'-0"

**CONTRACTOR NOTE**  
CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL EXISTING DUCT INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY. CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3029 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AF-EG.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-EG. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-EG. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

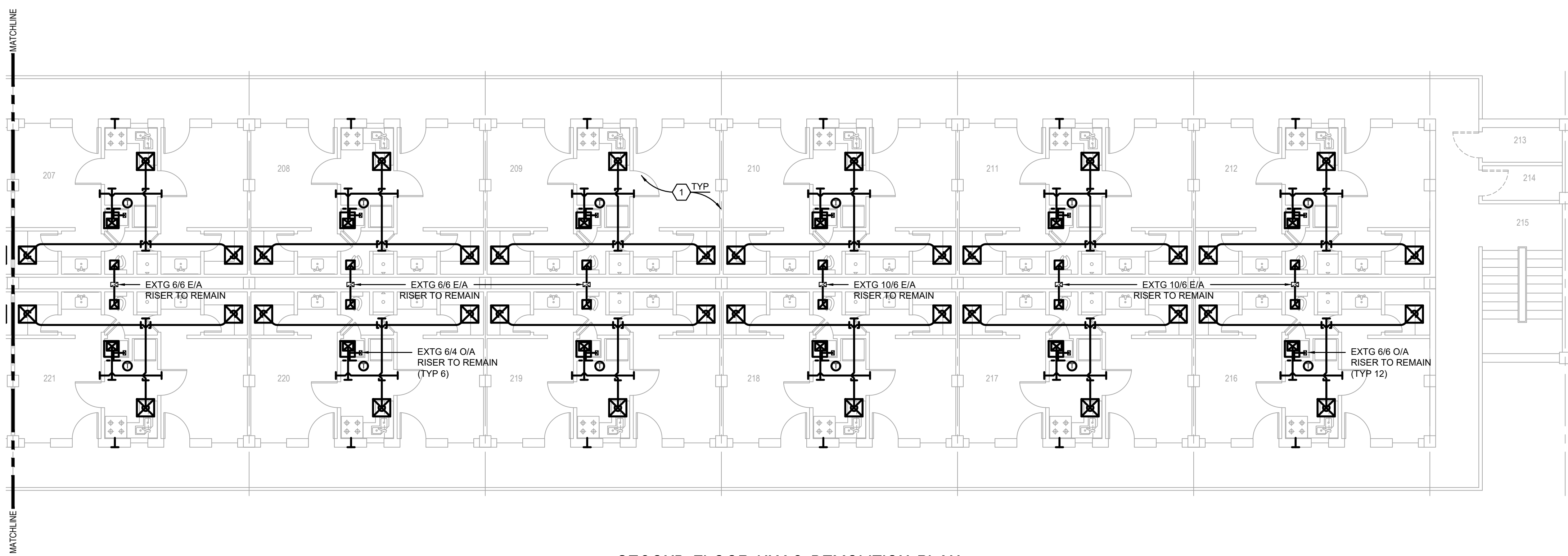


**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

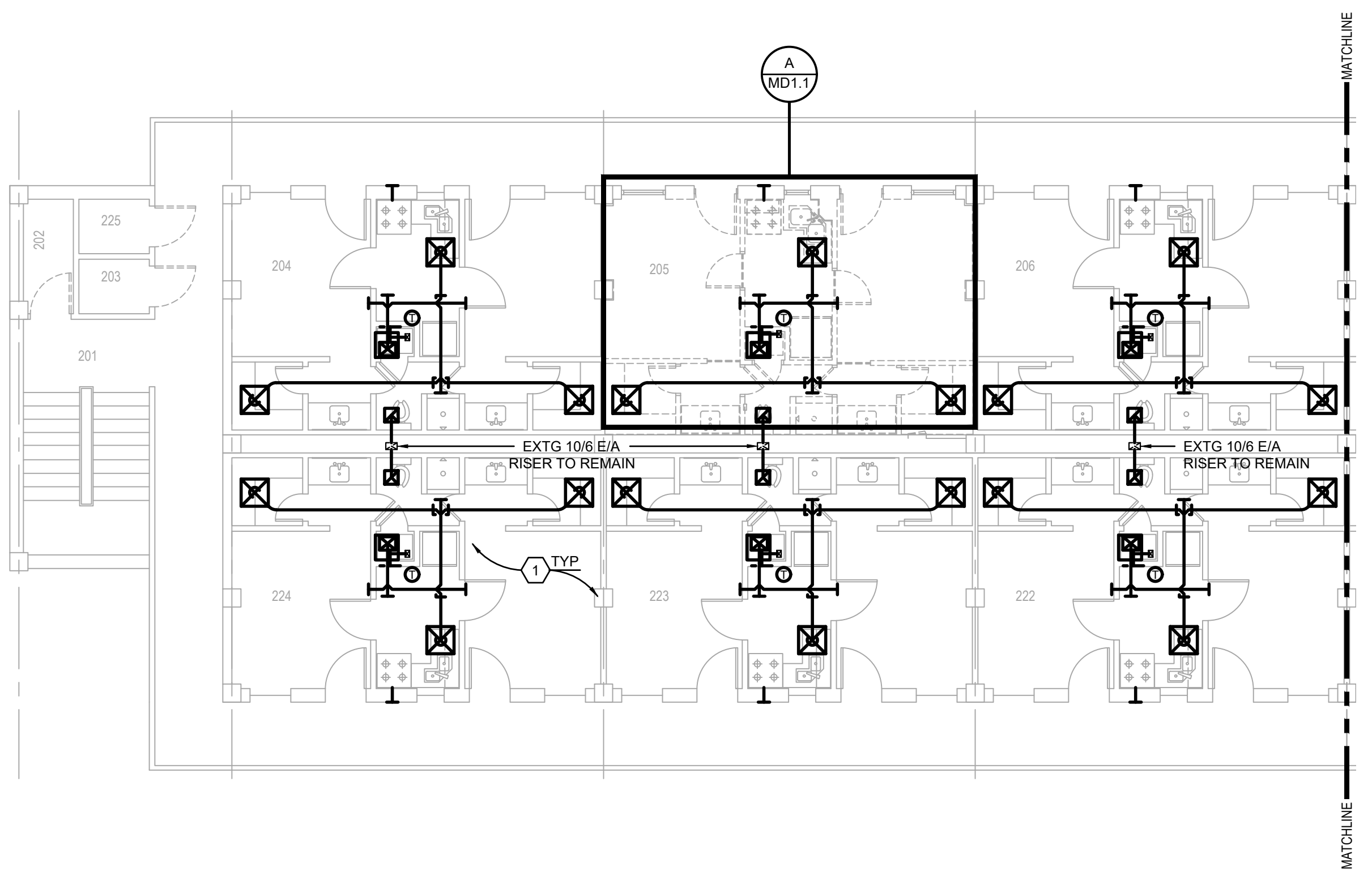
DEMOLITION LEGEND (MECHANICAL ITEMS ONLY)	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

**MECHANICAL DEMOLITION NOTES:** ○

1. REMOVE AND LEGALLY DISCARD EXISTING HVAC EQUIPMENT, AIR DEVICES, CONTROLS, THERMOSTATS, ETC. RETAIN EXISTING OUTSIDE AIR AND EXHAUST AIR RISERS TO REMAIN.



**SECOND FLOOR HVAC DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9960 FAX: 318-475-9962

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

**CONTRACTOR NOTE**

CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL EXISTING DUCT INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY. CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.

SHEET TITLE  
**SECOND FLOOR HVAC DEMOLITION PLAN**

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3029 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

SHEET	MD1.2	OF	17M
PROJECT TITLE	REPAIR DORM BOLA B4351		
	BARKSDALE AIR FORCE BASE, LOUISIANA 71110		
Project Number	OPP. NO. 1086485		
Drawing Number	Facility Number B4351		

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.





**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM  
**KBA**  
kevin bryan architect  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK: 318-675-9960 FAX: 318-675-9962

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**THIRD FLOOR HVAC  
DEMOLITION PLAN**

SHEET **MD1.3** OF **17M**

PROJECT TITLE  
**REPAIR DORM BOLA  
B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

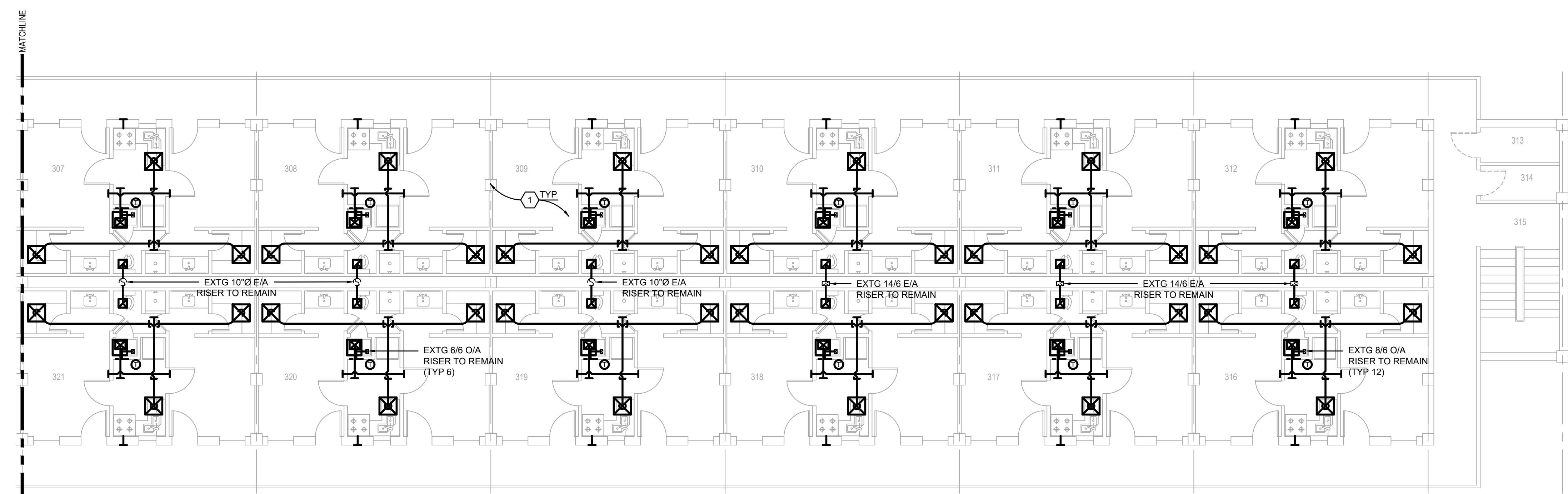
Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

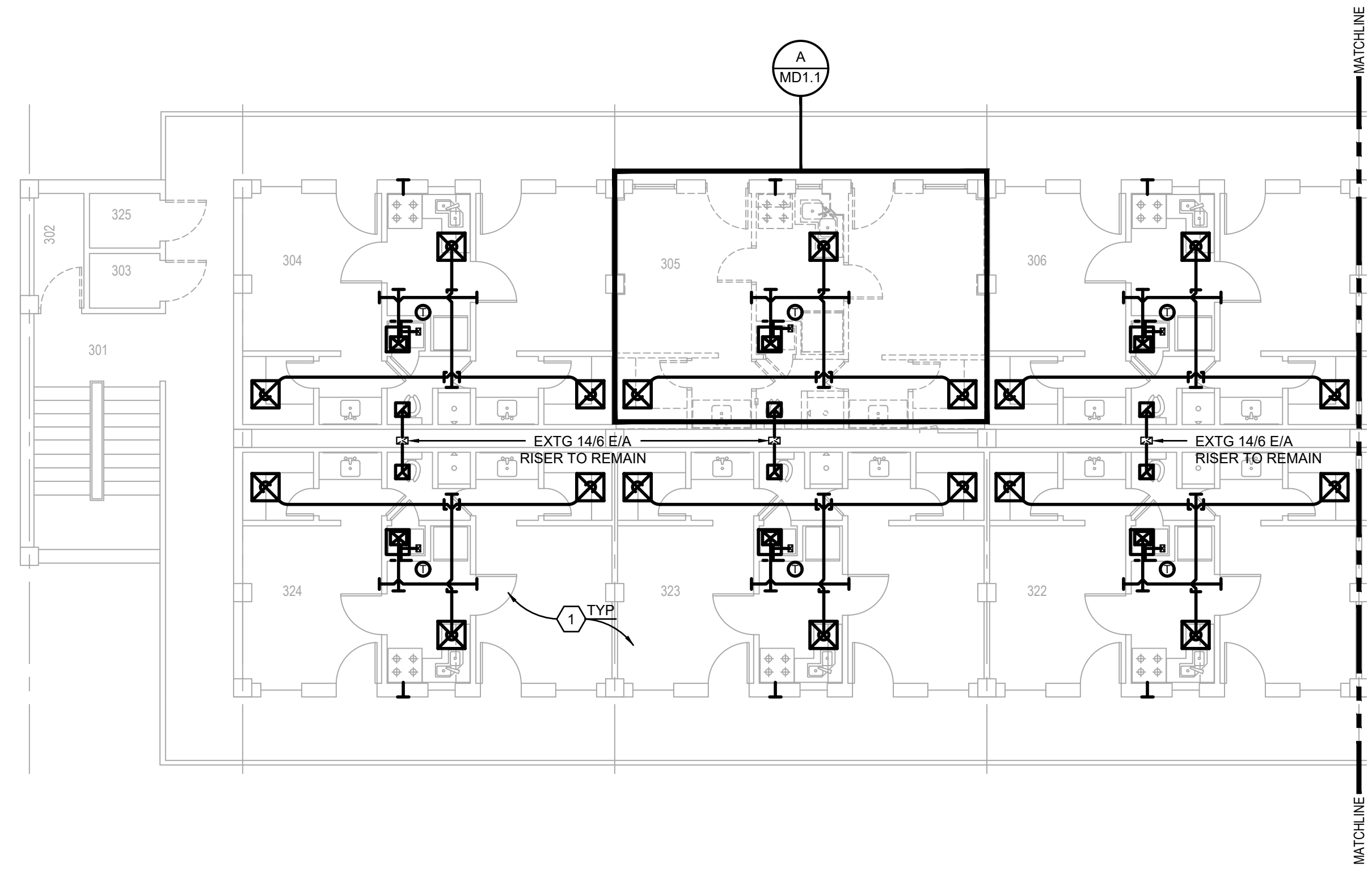
DEMOLITION LEGEND (MECHANICAL ITEMS ONLY)	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

**MECHANICAL DEMOLITION NOTES:**

1. REMOVE AND LEGALLY DISCARD EXISTING HVAC EQUIPMENT, AIR DEVICES, CONTROLS, THERMOSTATS, ETC. RETAIN EXISTING OUTSIDE AIR AND EXHAUST AIR RISERS TO REMAIN.



**THIRD FLOOR HVAC DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



**CONTRACTOR NOTE**

CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL EXISTING DUCT INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY. CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.

**PRELIMINARY**

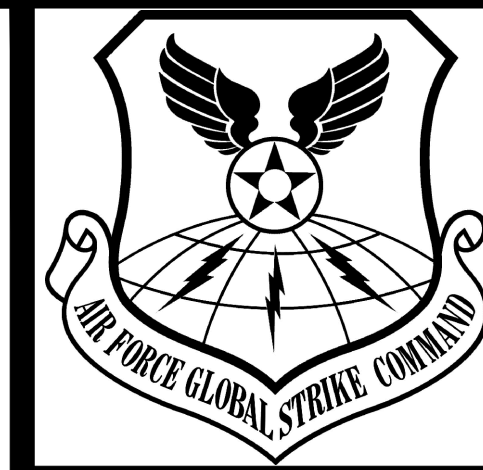
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

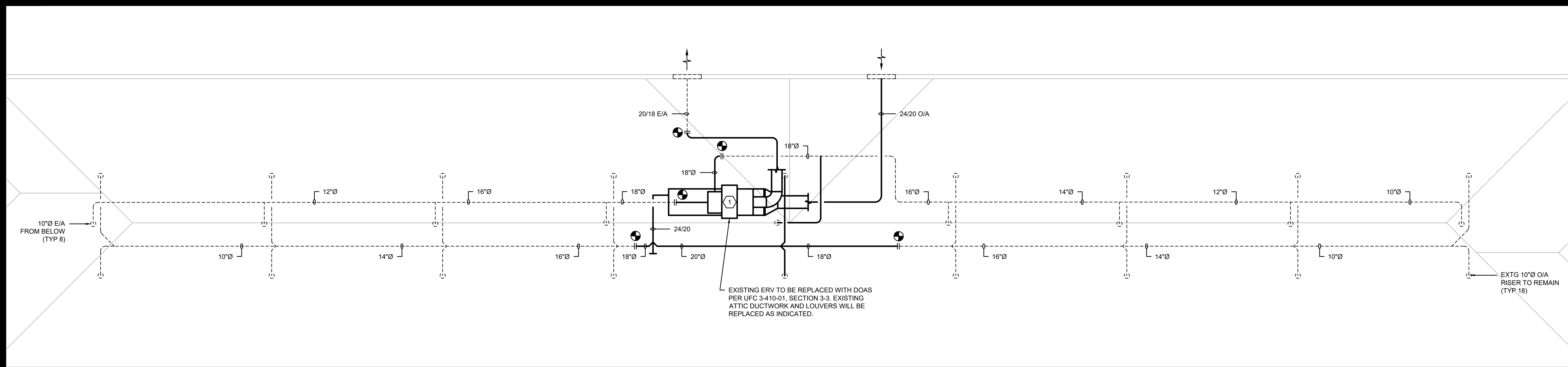
ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**



**ATTIC HVAC DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"

DEMOLITION LEGEND (MECHANICAL ITEMS ONLY)	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

- MECHANICAL DEMOLITION NOTES:** ⬡
- REMOVE AND LEGALLY DISCARD EXISTING HVAC EQUIPMENT, CONTROLS, ETC. RETAIN EXISTING DUCTWORK FOR REUSE UNDER RENOVATION.

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9900 FAX: 318-475-9922

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY	DATE
TITLE 1-A 15%		25 OCT 2023
TITLE 1-B 35%		19 DEC 2023
TITLE 1-B 35%A		01 FEB 2024

**CONTRACTOR NOTE**

CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL EXISTING DUCT INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY. CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.

SHEET TITLE  
**ATTIC HVAC DEMOLITION PLAN**

SHEET MD1.4 OF 17M

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

**CONSULTING ENGINEERS**  
3033 KNIGHT STREET, SUITE 120  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AF-PMC.com

ENGINEER: **ROGER H. BARNES, P. E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number **OPP. NO. 1086485**

Drawing Number Facility Number  
**B4351**

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-PMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-PMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE AIR FORCE BASE LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Plumbers Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM  
**KBA**  
 kevin bryan architect  
 712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
 WORK: 318-425-9960 FAX: 318-425-9962

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

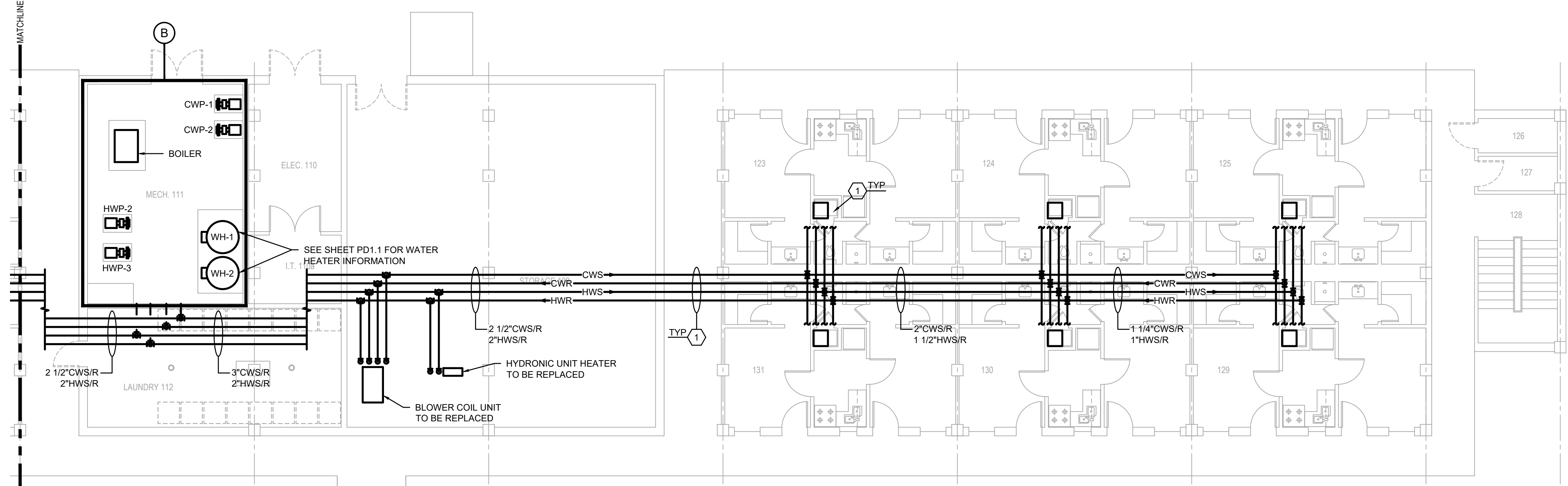
REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**FIRST FLOOR HYDRONIC PIPING DEMOLITION PLAN**

SHEET **MD2.1** OF **17M**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE, LOUISIANA 71110  
 Project Number  
**OPP. NO. 1086485**  
 Drawing Number  
**B4351**

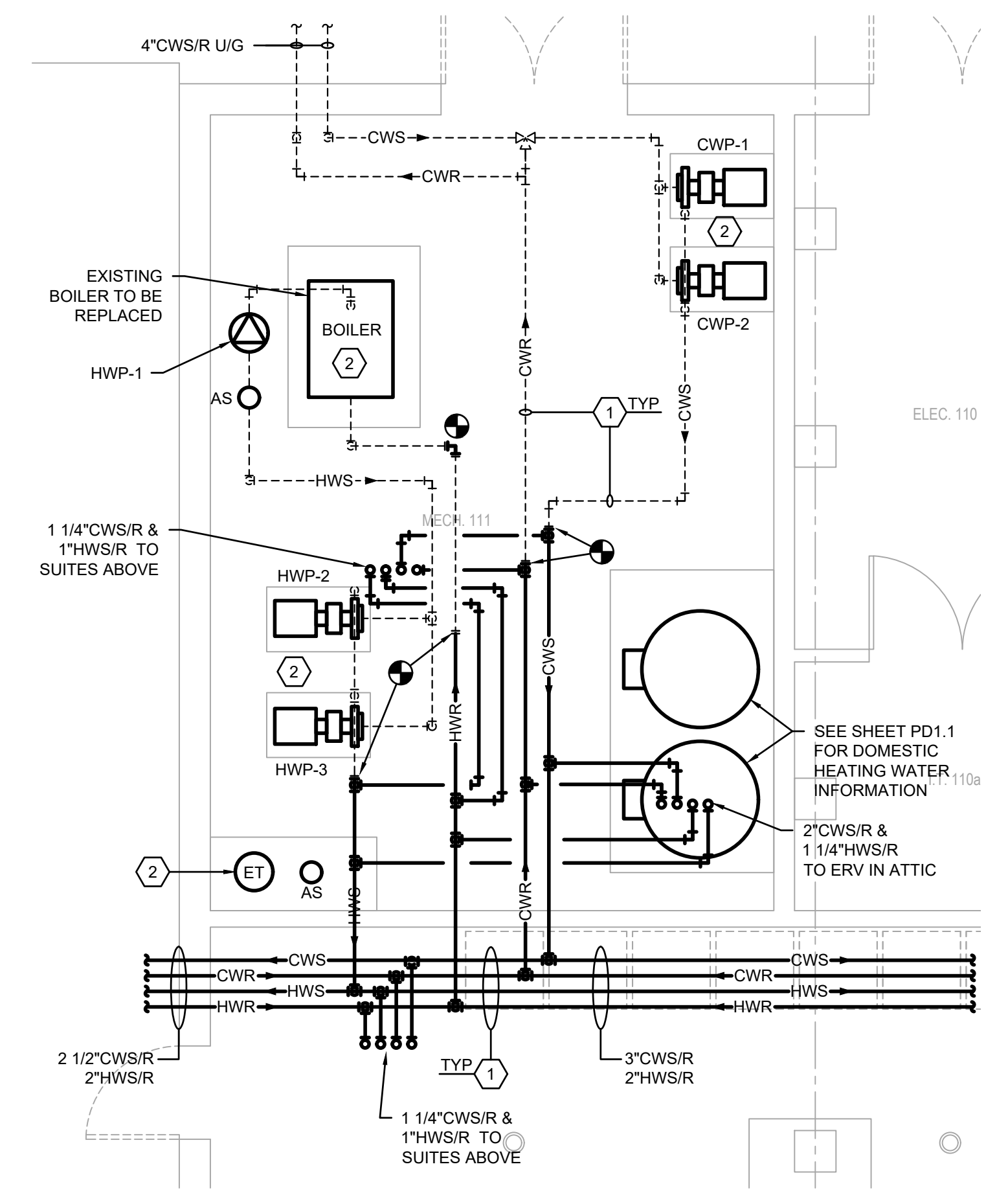
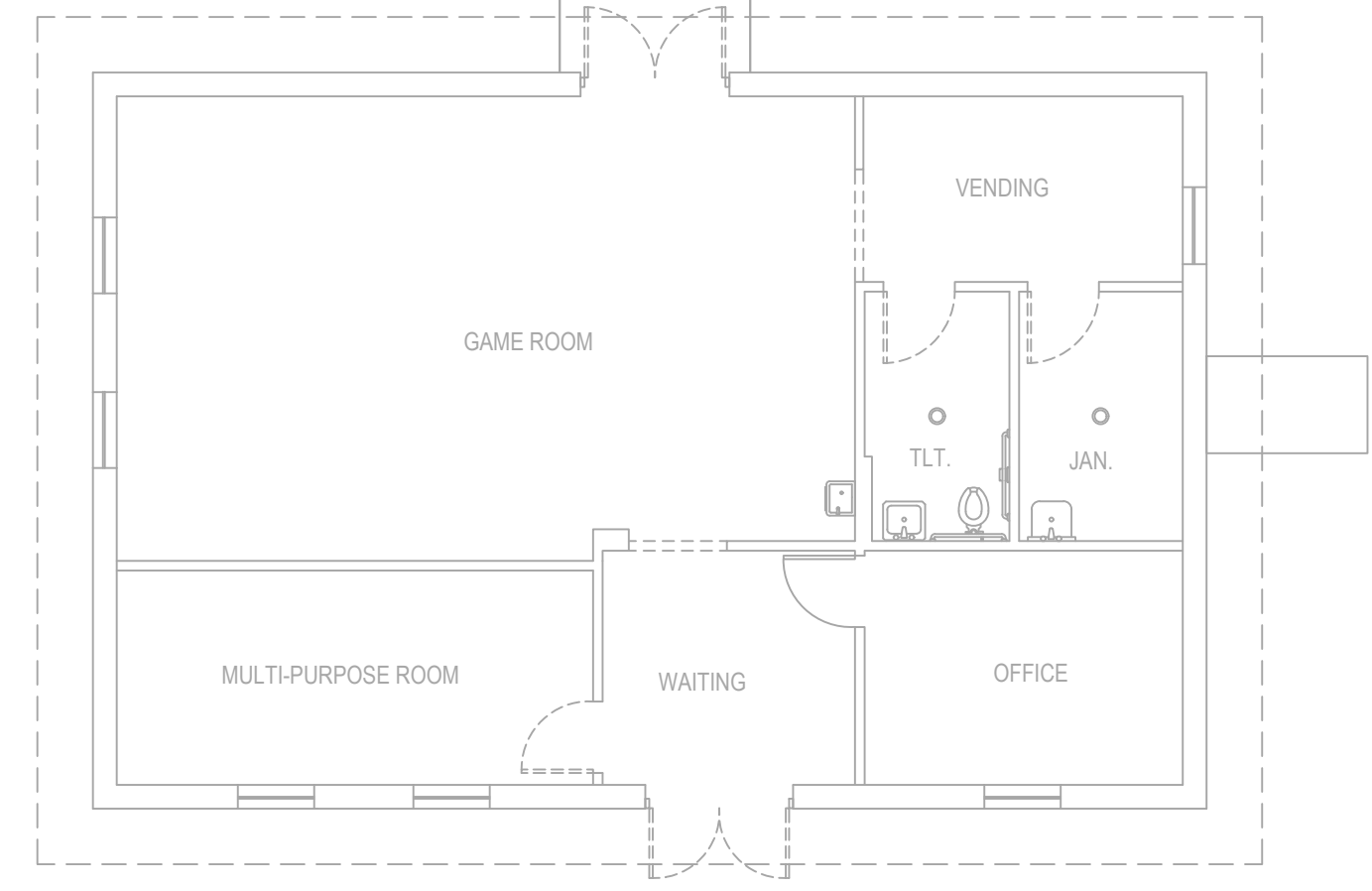


**FIRST FLOOR HYDRONIC PIPING DEMOLITION PLAN**  
 SCALE: 1/8"=1'-0"

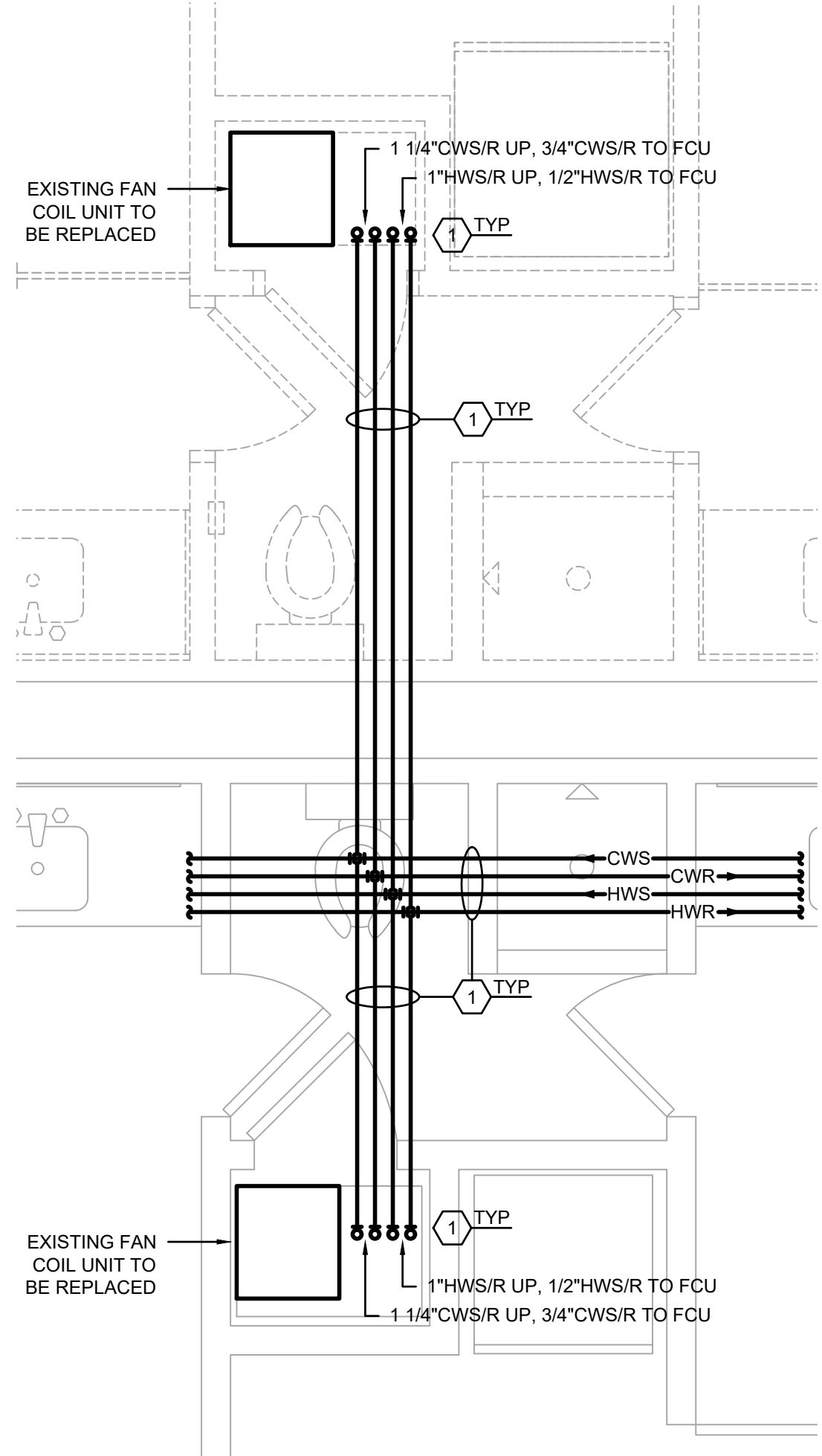
DEMOLITION LEGEND (MECHANICAL ITEMS ONLY)	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

**MECHANICAL DEMOLITION NOTES:**

- WITH EXCEPTION TO THE MECHANICAL ROOM, ALL EXISTING CWS/R AND HWS/R PIPING, INSULATION, CONTROL VALVES, ETC. SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.
- REMOVE AND LEGALLY DISCARD EXISTING PUMPS CWP-1, CWP-2, HWP-1, HWP-2, HYDRONIC ACCESSORIES (AIR SEPARATOR, EXPANSION TANK), AND 1329 MBH BOILER. ALL EXISTING HYDRONIC PIPING CONTROL VALVES AND HYDRONIC PIPE INSULATION SHALL BE REPLACED. RETAIN EXISTING PIPING IN MECHANICAL ROOM AS INDICATED IN DETAIL B.



**B ENLARGED MECHANICAL ROOM DEMOLITION PLAN**  
 SCALE: 1/4" = 1'-0"



**A ENLARGED FIRST FLOOR SUITE HYDRONIC PIPING DEMOLITION PLAN**  
 SCALE: 1/2" = 1'-0"

**CONTRACTOR NOTE**  
 CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL EXISTING HYDRONIC PIPE INSULATION WITHIN THE MECHANICAL ROOM SHALL BE REPLACED IN ITS ENTIRETY.

**PRELIMINARY**  
 NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
 3029 KNIGHT STREET, SUITE 100  
 SHREVEPORT, LOUISIANA 71105  
 phone: 318-425-7402 fax: 318-425-4622  
 www.af-jbc.com  
 ENGINEER: **ROGER H. BARNES, P.E.**  
 LICENSE NO. **35843**  
 THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
 THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-JBC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-JBC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

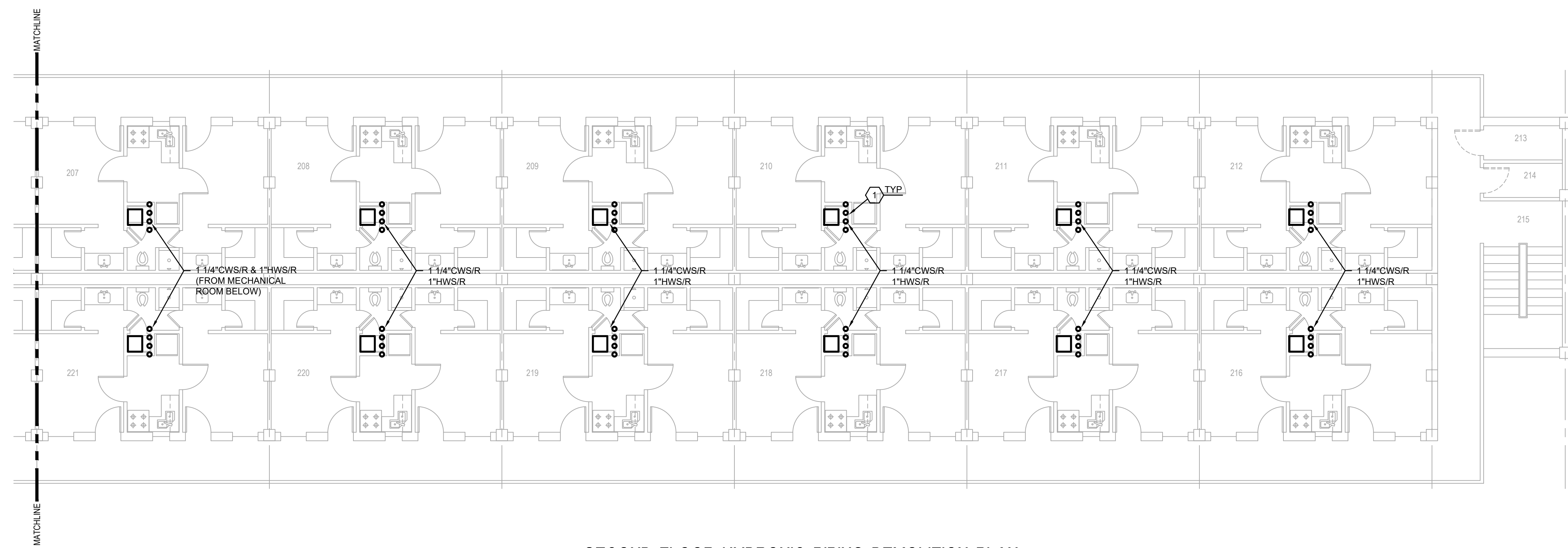


**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

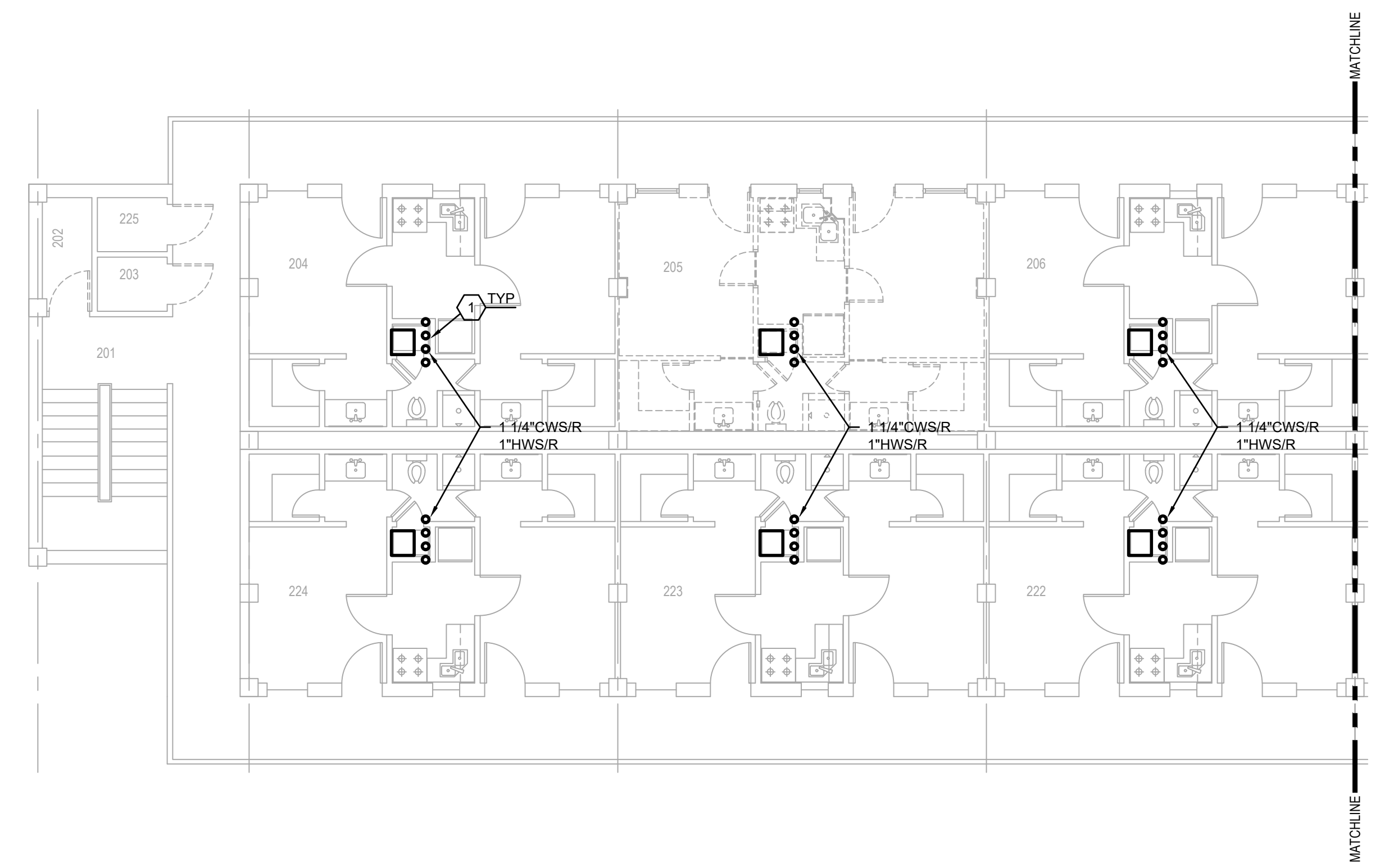
DEMOLITION LEGEND (MECHANICAL ITEMS ONLY)	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

**MECHANICAL DEMOLITION NOTES:** ☐

1. WITH EXCEPTION TO THE MECHANICAL ROOM, ALL EXISTING CWS/R AND HWS/R PIPING, INSULATION, CONTROL VALVES, ETC. SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.



**SECOND FLOOR HYDRONIC PIPING DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
	Contractor
COORDINATION	
	Field Manager
	Ground Safety
	Communication
	Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**KB**  
kevin bryan architect  
712 TEXAS ST., SHREVEPORT, LOUISIANA, 71101  
WORK: 318-425-9960 FAX: 318-475-9962

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

**CONTRACTOR NOTE**

CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL EXISTING HYDRONIC PIPE INSULATION WITHIN THE MECHANICAL ROOM SHALL BE REPLACED IN ITS ENTIRETY.

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

SHEET TITLE  
**SECOND FLOOR HYDRONIC PIPING DEMOLITION PLAN**

SHEET **MD2.2** OF **17M**

PROJECT TITLE  
**REPAIR DORM BOLA B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM  
**KBA**  
kevin bryan architect  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9960 FAX: 318-475-9962

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**THIRD FLOOR & ATTIC  
HYDRONIC PIPING  
DEMOLITION PLAN**

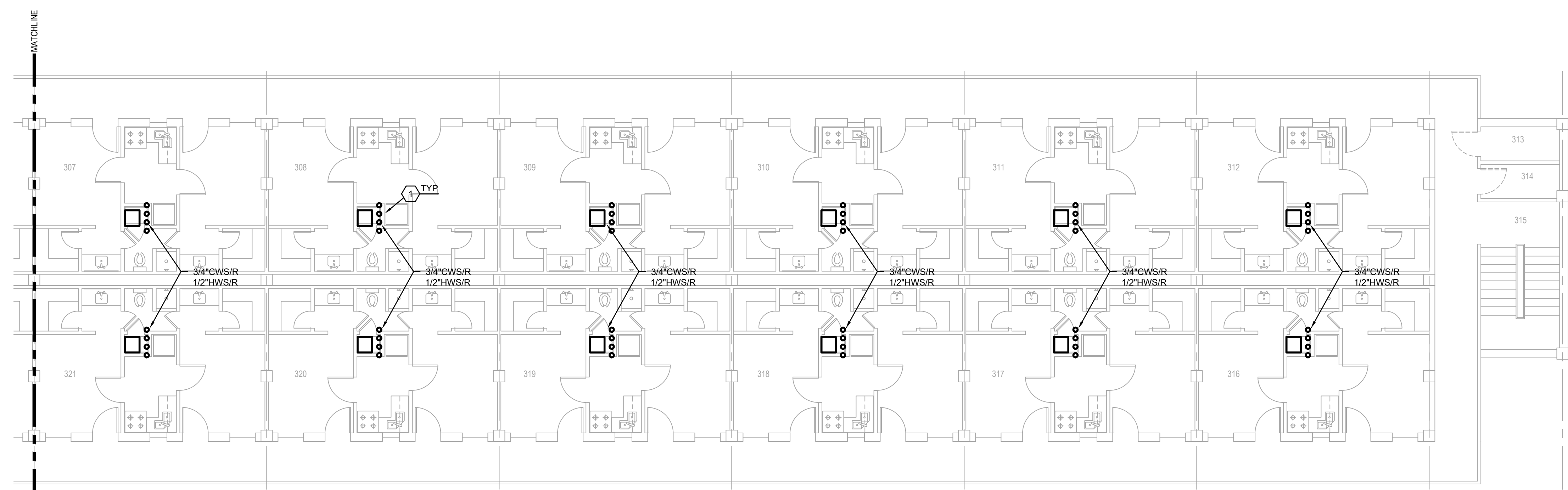
SHEET MD2.3 OF 17M

PROJECT TITLE  
REPAIR DORM BOLO  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

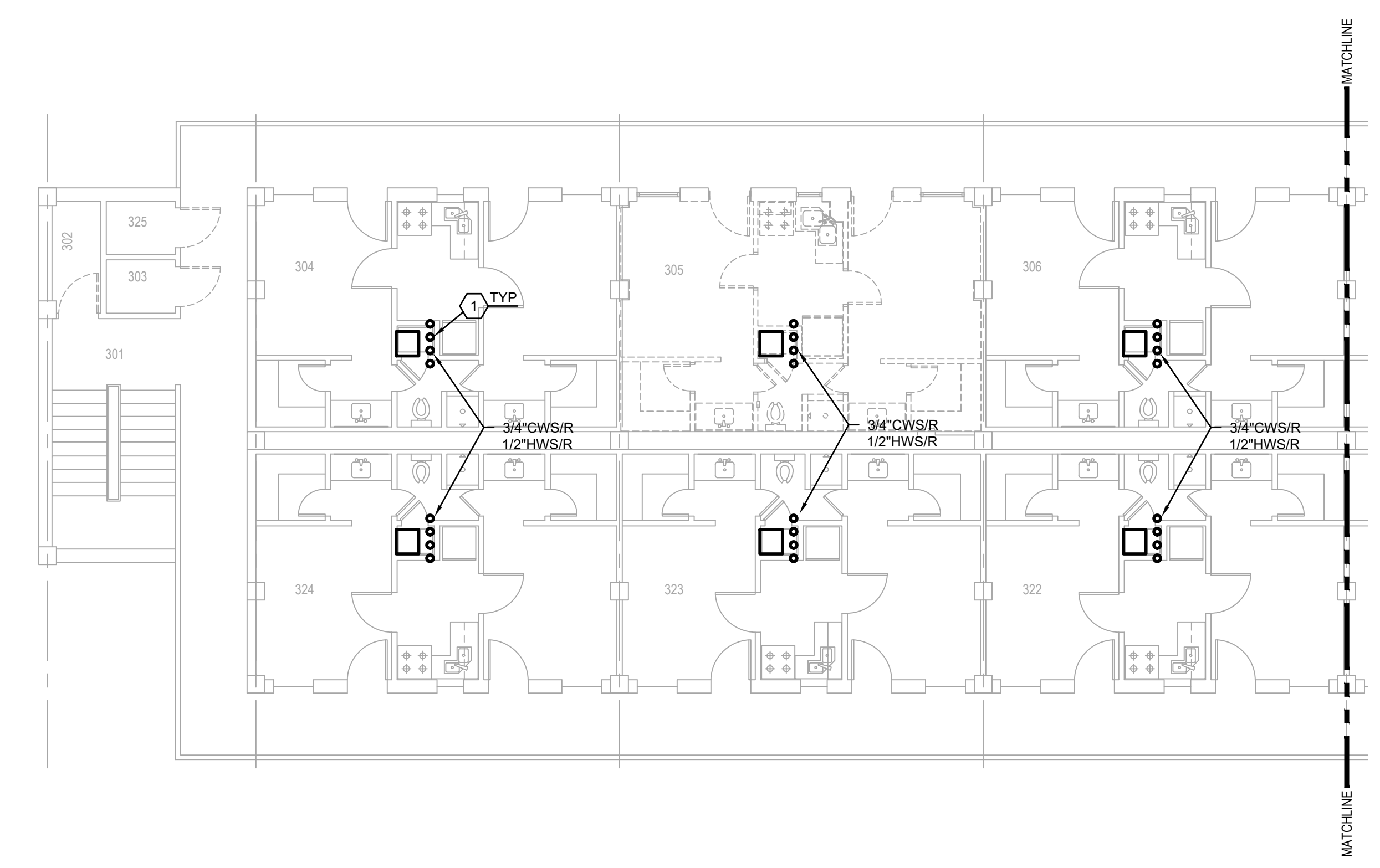
DEMOLITION LEGEND (MECHANICAL ITEMS ONLY)	
---	EXISTING TO REMAIN
---	EXISTING TO BE REMOVED

**MECHANICAL DEMOLITION NOTES:** ○

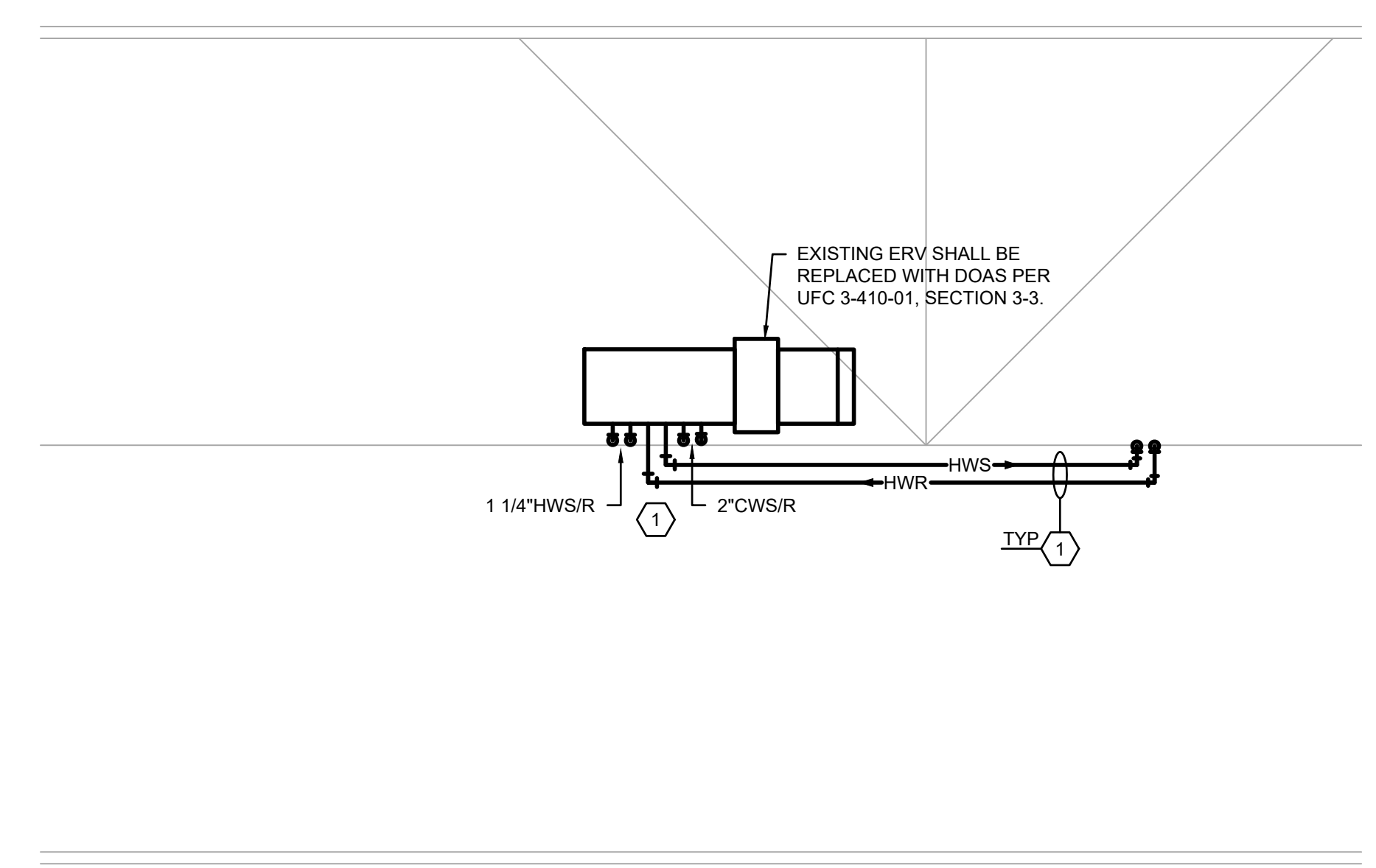
1. WITH EXCEPTION TO THE MECHANICAL ROOM, ALL EXISTING CWS/R AND HWS/R PIPING, INSULATION, CONTROL VALVES, ETC. SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.



**THIRD FLOOR HYDRONIC PIPING DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



**PARTIAL ATTIC HYDRONIC PIPING DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



**CONTRACTOR NOTE**  
CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL EXISTING HYDRONIC PIPE INSULATION WITHIN THE MECHANICAL ROOM SHALL BE REPLACED IN ITS ENTIRETY.

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com  
ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**  
THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.





**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Biomedical Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Plumbers Engineer
	Corrosion Engineer
	Protective Coating Eng.



DESIGNER	PROJECT MANAGER
KDR	DWB
DRAFTER	DATE
KDR	
REVISION	
BY	DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

DESIGNER	PROJECT MANAGER
KDR	DWB
DRAFTER	DATE
KDR	

REVISION	BY	DATE
TITLE 1-A 15%		25 OCT 2023
TITLE 1-B 35%		19 DEC 2023
TITLE 1-B 35%A		01 FEB 2024

SHEET TITLE  
**FIRST FLOOR HVAC PLAN**

SHEET **M2.1** OF **17M**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

LEGEND (MECHANICAL ITEMS ONLY)	
---	EXISTING TO REMAIN
---	NEW WORK

**MECHANICAL NOTES:**

- PROVIDE OVERSIZED DRAIN PAN, APPROXIMATELY 36"x24", EXTENDING THE WIDTH OF THE MECHANICAL CLOSET.
- CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.
- PROVIDE LOW PROFILE, SPUN ALUMINUM DOMED EXHAUST HOOD EQUAL TO GREENHECK GRSR-8 WITH INTEGRAL BIRDSCREEN, SLOPED ROOF CURB AND FLASHING FLANGE. PROVIDE FULL SIZE INSULATED DUCT EXTENSION. COORDINATE INSTALLATION WITH EXISTING ROOF OPENING AND STRUCTURE AS REQUIRED. EXTEND AND CONNECT EACH EXHAUST BRANCH DUCT AS INDICATED.
- PROVIDE LOW PROFILE, SPUN ALUMINUM DOMED INTAKE HOOD EQUAL TO GREENHECK GRSR-10 WITH INTEGRAL BIRDSCREEN, SLOPED ROOF CURB AND FLASHING FLANGE. FLASH AND SEAL WEATHERPROOF. PROVIDE FULL SIZE INSULATED DUCT EXTENSION. EXTEND AND CONNECT INSULATED OUTSIDE AIR INTAKE DUCT AS INDICATED. COORDINATE INSTALLATION WITH EXISTING ROOF OPENING AND STRUCTURE AS REQUIRED.
- REFRIGERANT PIPING SHALL BE HARD COPPER WITH FITTINGS AND INSTALLED LEVEL AND PLUMB. WALL MOUNTED UNIT SHALL HAVE REFRIGERANT PIPING ROUTED WITHIN WALL WITH BACK UNIT CONNECTIONS. EXPOSED REFRIGERANT PIPING TO HAVE METAL JACKETED INSULATION. SEE SHEET P2.1 FOR CONDENSATE PIPING.
- PROVIDE 4" THICK HOUSEKEEPING PAD 6" WIDER ON EACH SIDE OF EQUIPMENT. SEE DETAIL, SHEET M4.1.
- OTHER MECHANICAL FIXTURES: MECHANICAL FIXTURES (E.G. PIPING, DUCTWORK, PNEUMATIC TUBING) NOT RELATED TO THE DIRECT SUPPORT OF THE COMMIT ROOMS SHALL NOT BE INSTALLED IN, PASS THROUGH, OR ENTER THE COMM ROOM. RE: TIA/EIA-569-C PARA. 6.3.6.3.
- PROVIDE 4" RIGID DRYER VENT THROUGH EXTERIOR WALL WITH HOODED CAP (PRIMED AND PAINTED TO MATCH EXTERIOR FINISH) WITH INTEGRAL BACKDRAFT DAMPER/BLADES.
- PROVIDE OUTSIDE AIR INTAKE LOUVER EQUAL TO GREENHECK ESD-635 (SIZE AS NOTED) WITH INTEGRAL BIRDSCREEN IN MILL FINISH, PRIME AND PAINT TO MATCH EXTERIOR ADJACENT FINISH. LOUVER SHALL BE PROVIDED WITH FLANGED FRAME AND EXTENDED SILL. COORDINATE INSTALLATION WITH EXISTING LOUVER LOCATION. INTERLOCK MOTORIZED DAMPER WITH THERMOSTAT AND ASSOCIATED EXHAUST FAN.
- PROVIDE EXHAUST AIR LOUVER EQUAL TO GREENHECK ESD-635 (SIZE AS NOTED) WITH INTEGRAL BIRDSCREEN IN MILL FINISH, PRIME AND PAINT TO MATCH EXTERIOR ADJACENT FINISH. LOUVER SHALL BE PROVIDED WITH FLANGED FRAME AND EXTENDED SILL.
- PROVIDE WALL-MOUNTED CONCENTRIC DIRECT VENT KIT. FLASH AND SEAL THROUGH EXISTING WALL WEATHERPROOF. JOINED TO CONCENTRIC VENT ASSEMBLY, PROVIDE PVC EXHAUST VENT AND COMBUSTION AIR INTAKE PIPE. INSTALLATION SHALL COMPLY WITH ALL MANUFACTURER REQUIREMENTS.

**CONTRACTOR NOTE**

CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL NEW DUCT SYSTEMS TO BE LEAK TESTED IN ACCORDANCE WITH SUBSECTION 5-2.21 OF UFC 3-410-02 (RE: SHEET M1.1)

ALL EXISTING DUCT INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY. CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.

**PRELIMINARY**

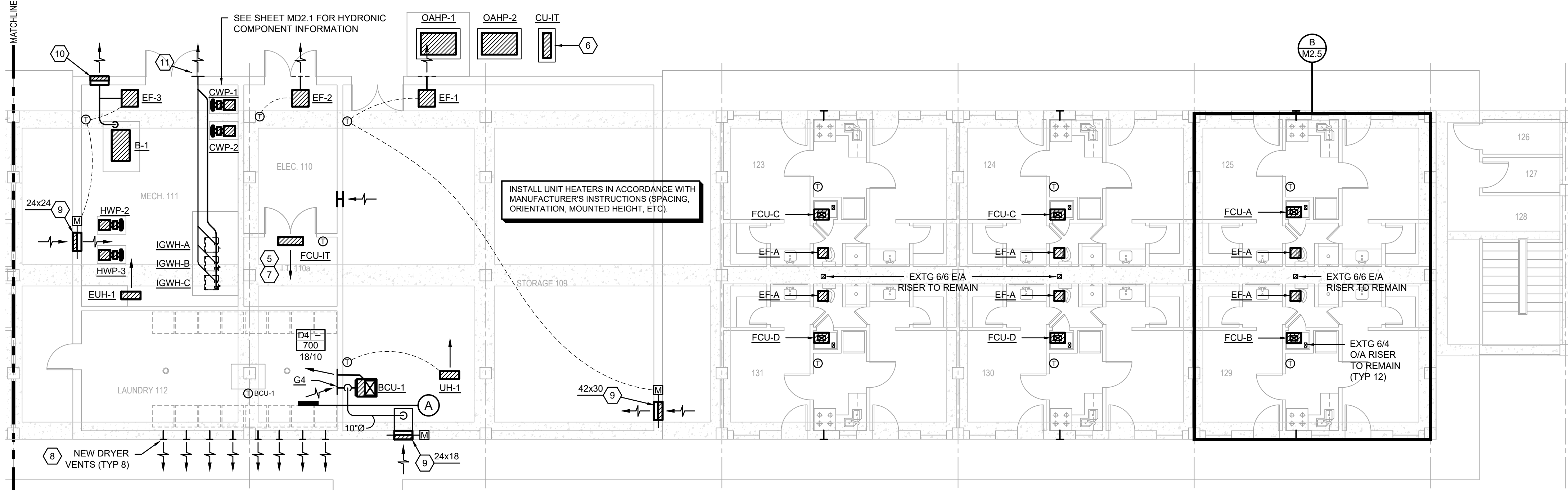
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.af-jmc.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

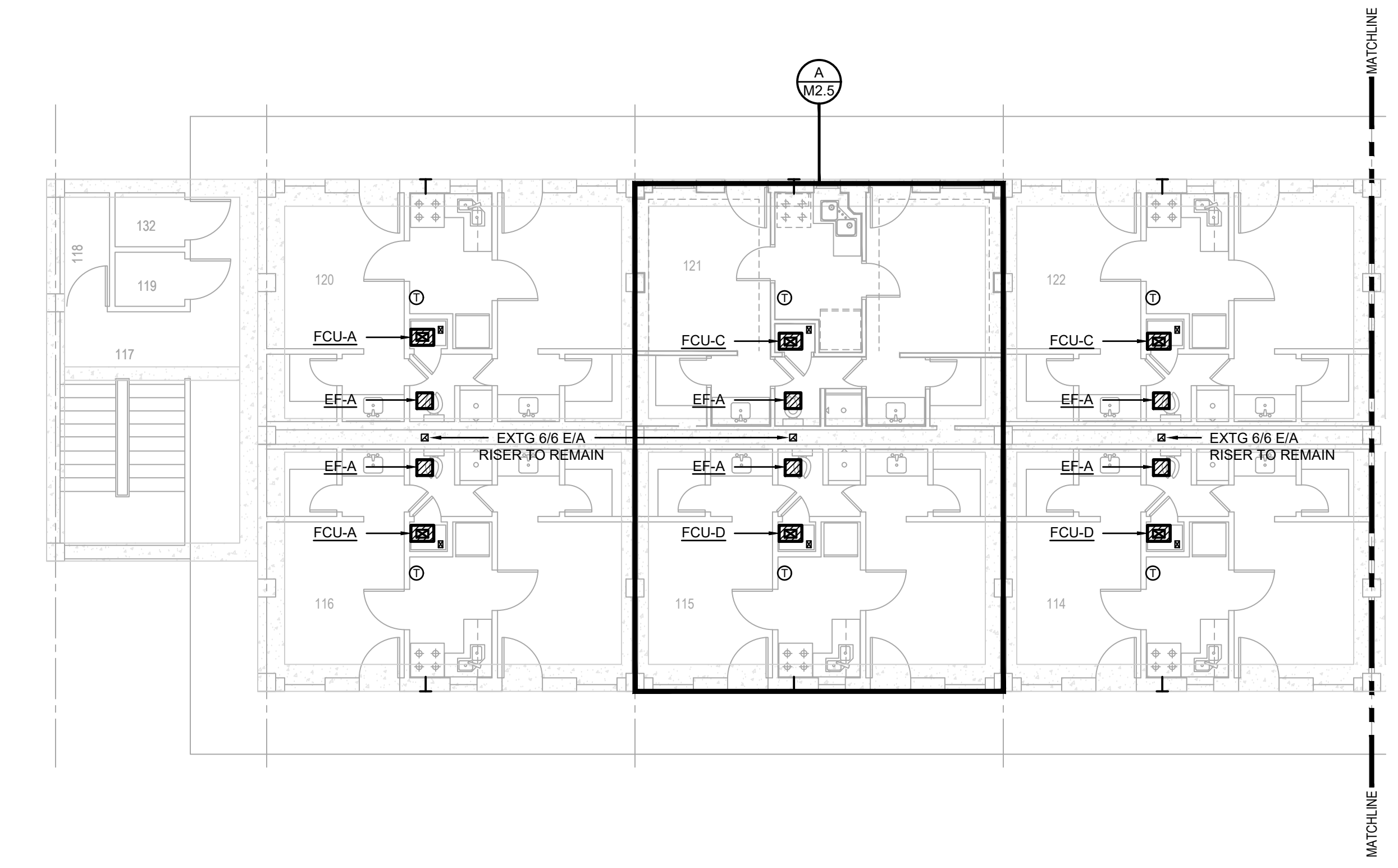
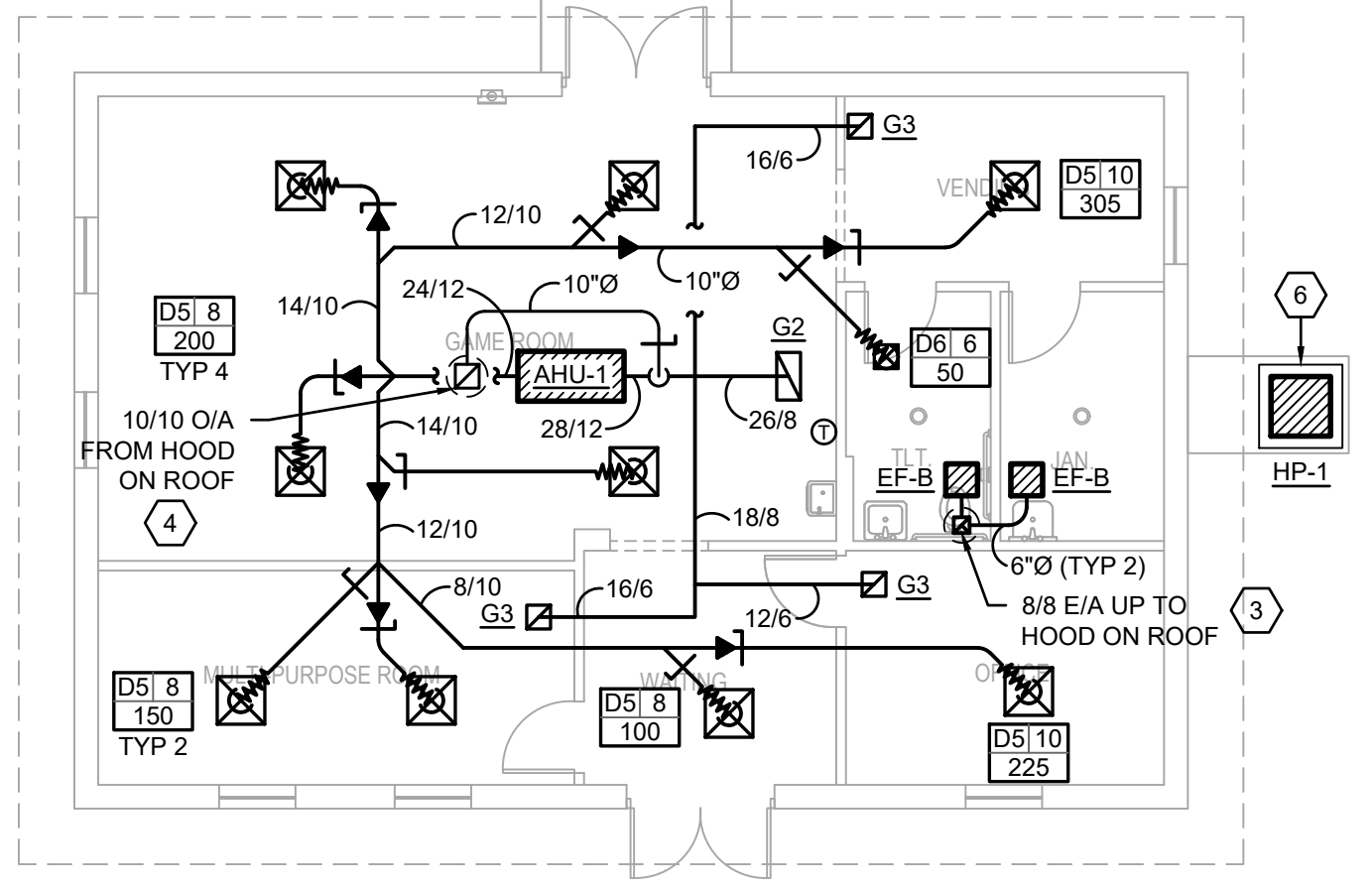
THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-JMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-JMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



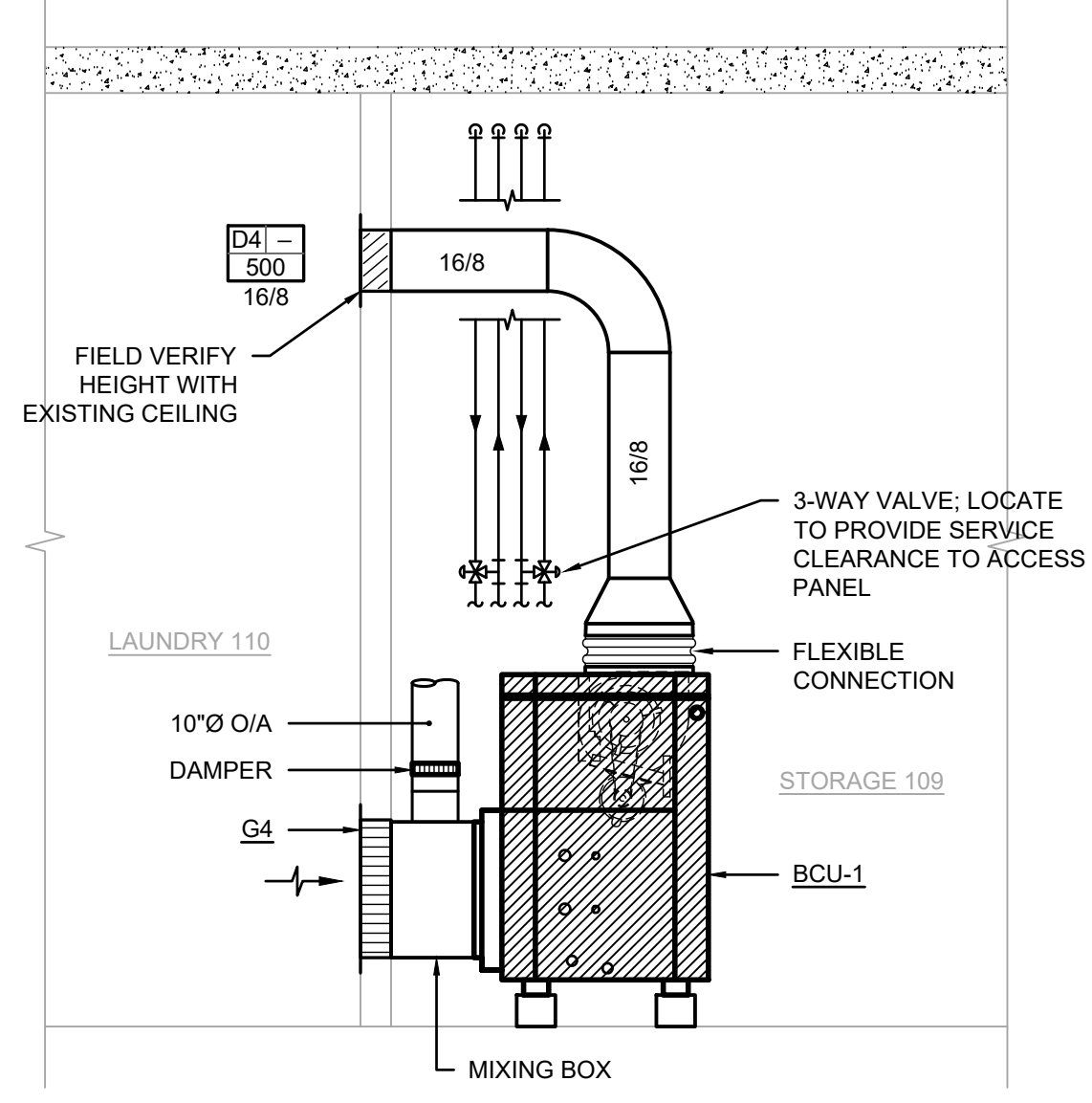
**FIRST FLOOR HVAC PLAN**

SCALE: 1/8"=1'-0"  
SEE SHEET P2.1 FOR SUITE FCU CONDENSATE DRAINS.



**A SECTION AT BCU-1**

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



MATCHLINE

MATCHLINE



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioremediation
	Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9960 FAX: 318-475-9962

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**SECOND FLOOR HVAC PLAN**

SHEET **M2.2** OF **17M**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

LEGEND (MECHANICAL ITEMS ONLY)	
	EXISTING TO REMAIN
	NEW WORK

SEE SHEET P2.2 FOR SUITE FCU CONDENSATE DRAINS.

**CONTRACTOR NOTE**

CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL NEW DUCT SYSTEMS TO BE LEAK TESTED IN ACCORDANCE WITH SUBSECTION 5-2.21 OF UFC 3-410-02 (RE: SHEET M1.1)

ALL EXISTING DUCT INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY. CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.

**PRELIMINARY**

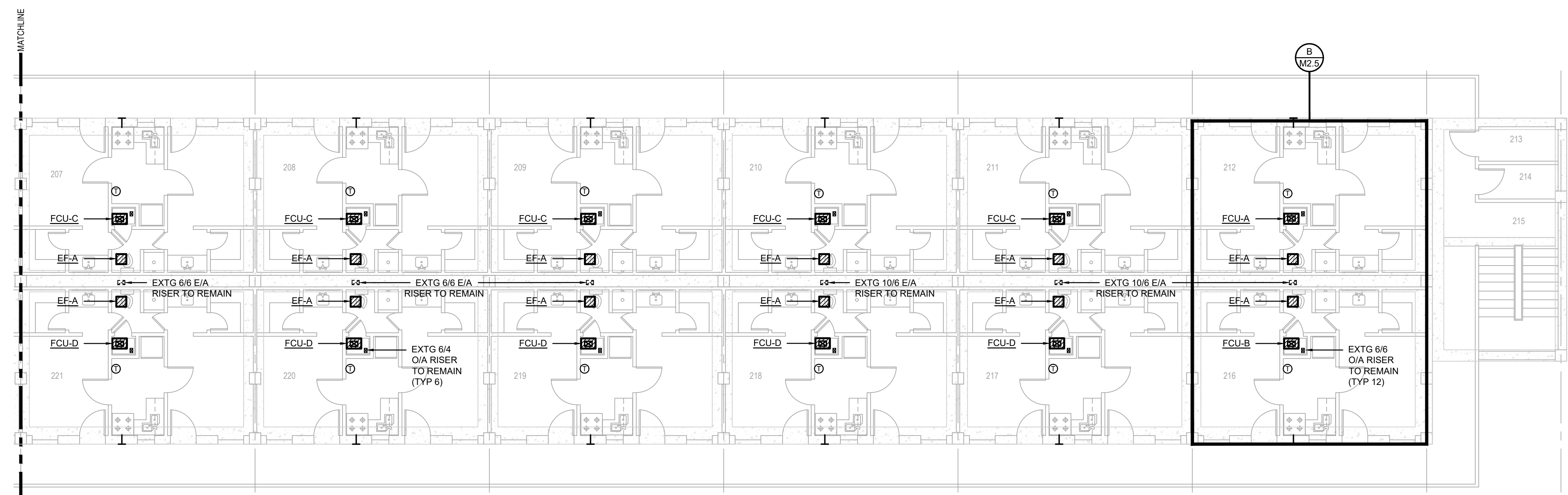
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

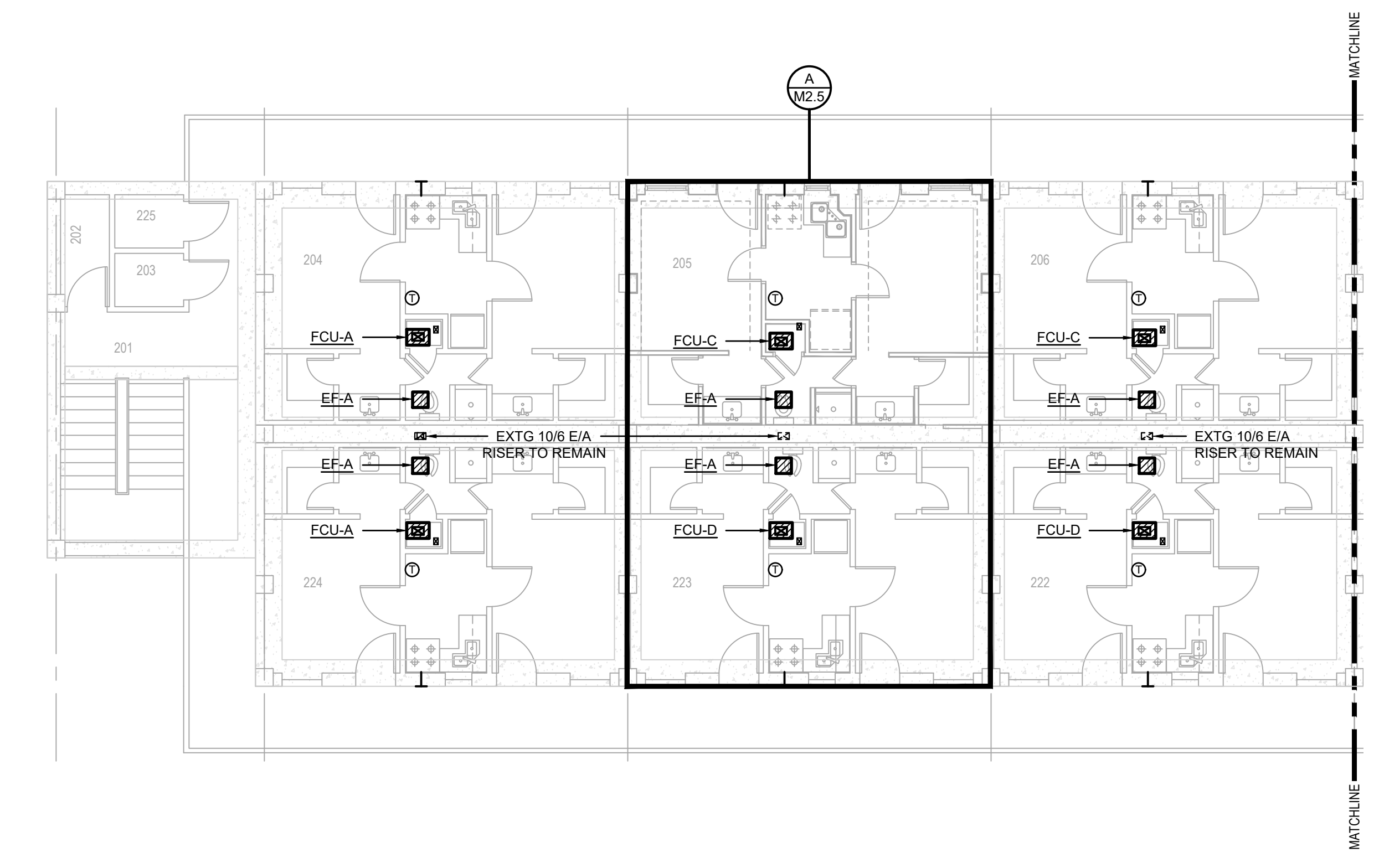
ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**SECOND FLOOR HVAC PLAN**  
SCALE: 1/8"=1'-0"







**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK: 318-675-9960 FAX: 318-675-9962

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**THIRD FLOOR HVAC PLAN**

SHEET **M2.3** OF **17M**

PROJECT TITLE  
**REPAIR DORM BULO  
B4351**

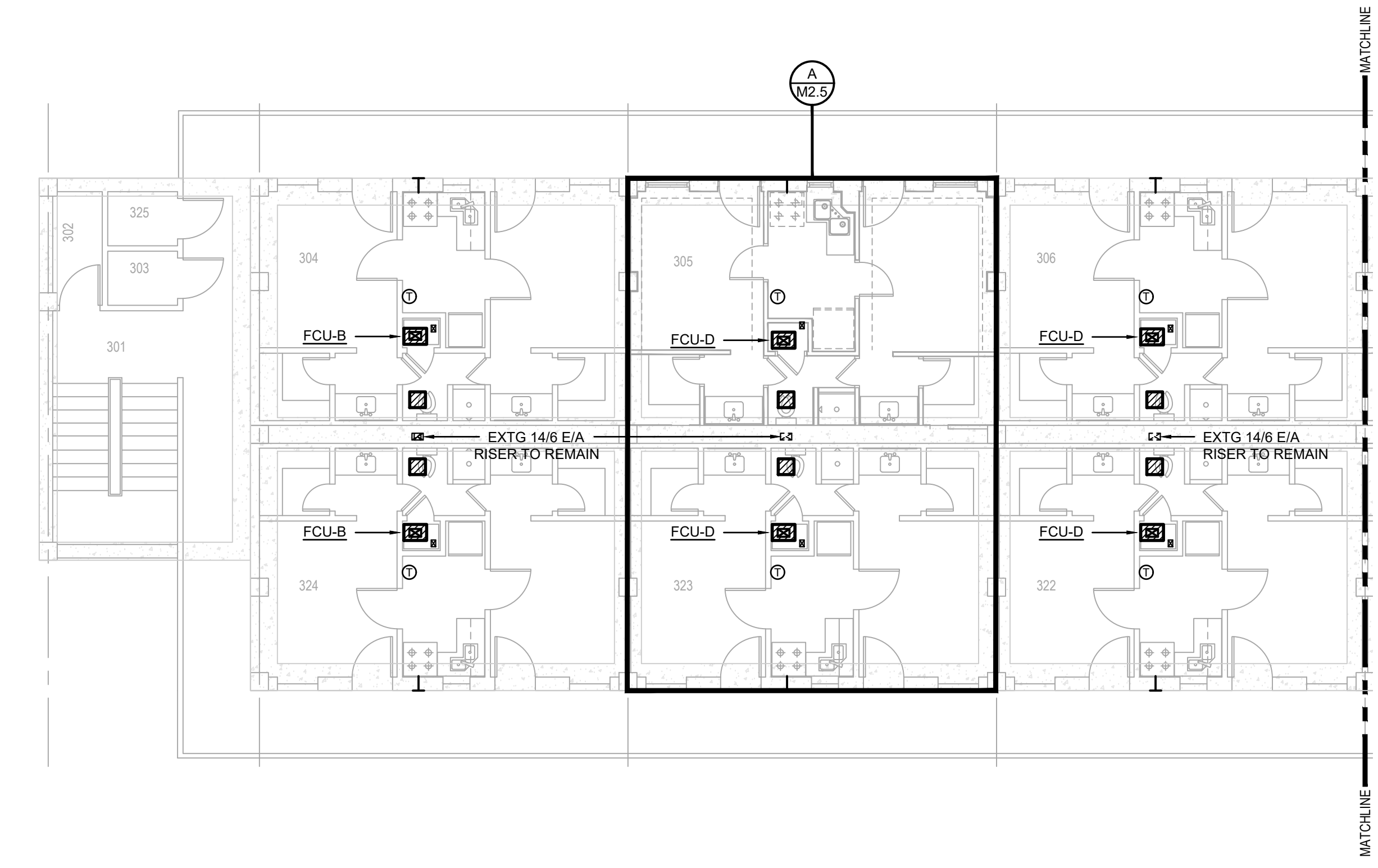
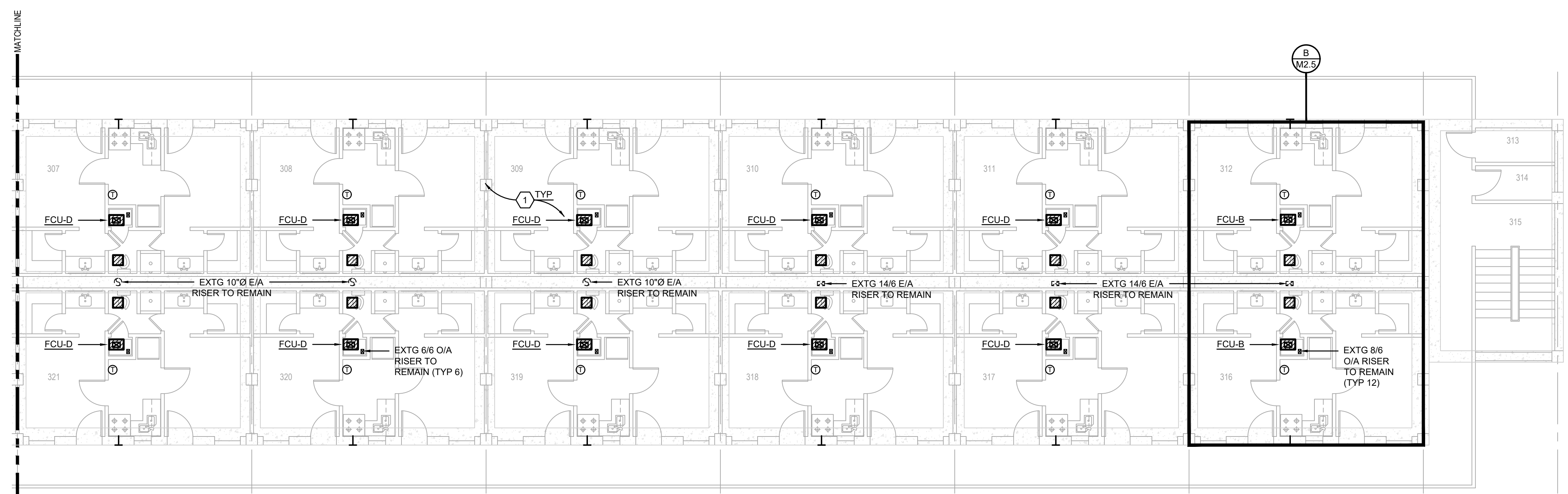
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

LEGEND (MECHANICAL ITEMS ONLY)	
---	EXISTING TO REMAIN
—	NEW WORK

SEE SHEET P2.3 FOR SUITE FCU  
CONDENSATE DRAINS.



**CONTRACTOR NOTE**

CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED IN ACCORDANCE WITH SUBSECTION 5-2.21 OF UFC 3-410-02 (RE: SHEET M1.1)

ALL NEW DUCT SYSTEMS TO BE LEAK TESTED IN ACCORDANCE WITH SUBSECTION 5-2.21 OF UFC 3-410-02 (RE: SHEET M1.1)

ALL EXISTING DUCT INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY. CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioregional
	Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM



Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**ATTIC HVAC PLAN**

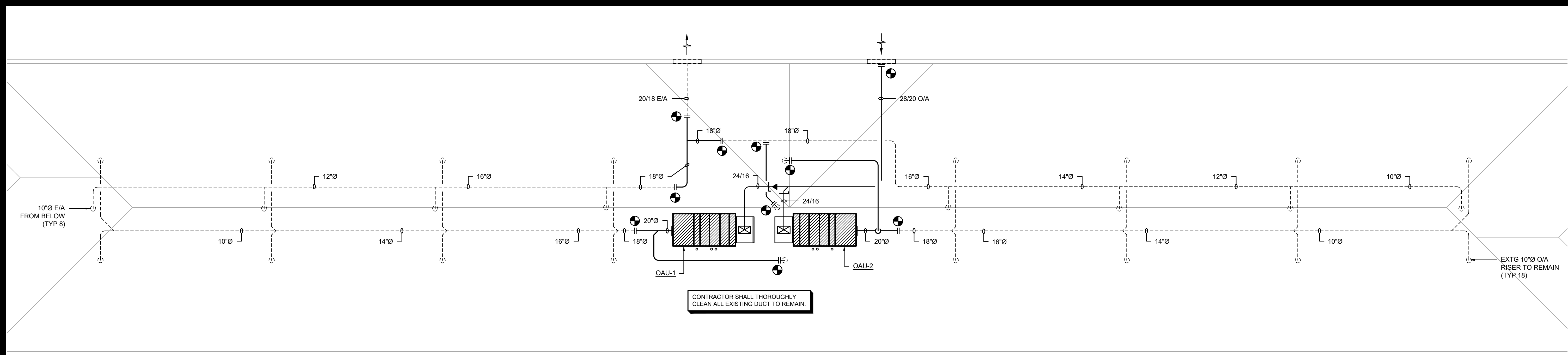
SHEET **M2.4** OF **17M**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**



**ATTIC HVAC PLAN**  
SCALE: 1/8"=1'-0"

LEGEND (MECHANICAL ITEMS ONLY)	
---	EXISTING TO REMAIN
—	NEW WORK

**CONTRACTOR NOTE**

CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL NEW DUCT SYSTEMS TO BE LEAK TESTED IN ACCORDANCE WITH SUBSECTION 5-2.21 OF UFC 3-410-02 (RE: SHEET M1.1)

ALL EXISTING DUCT INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY. CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

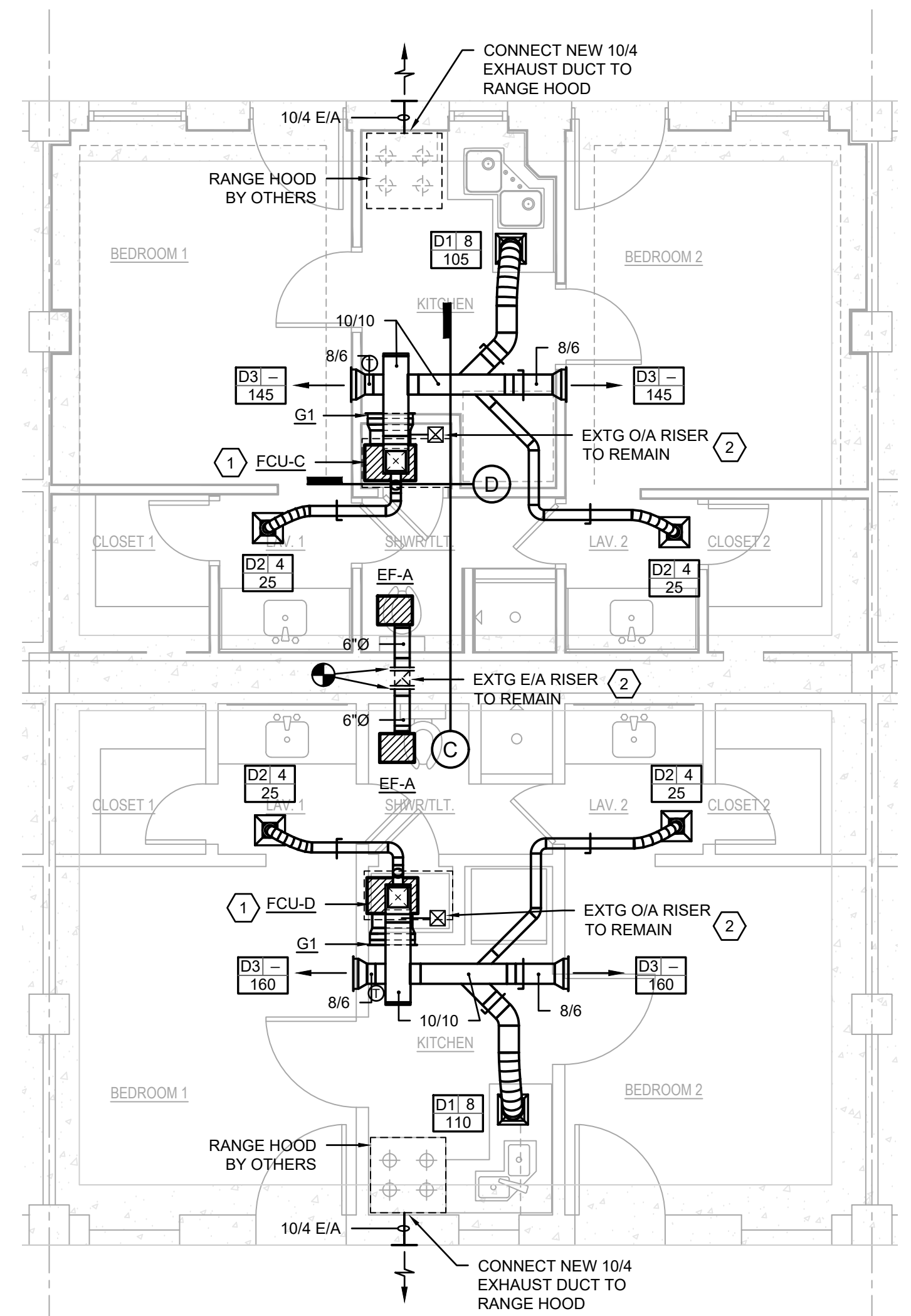
COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



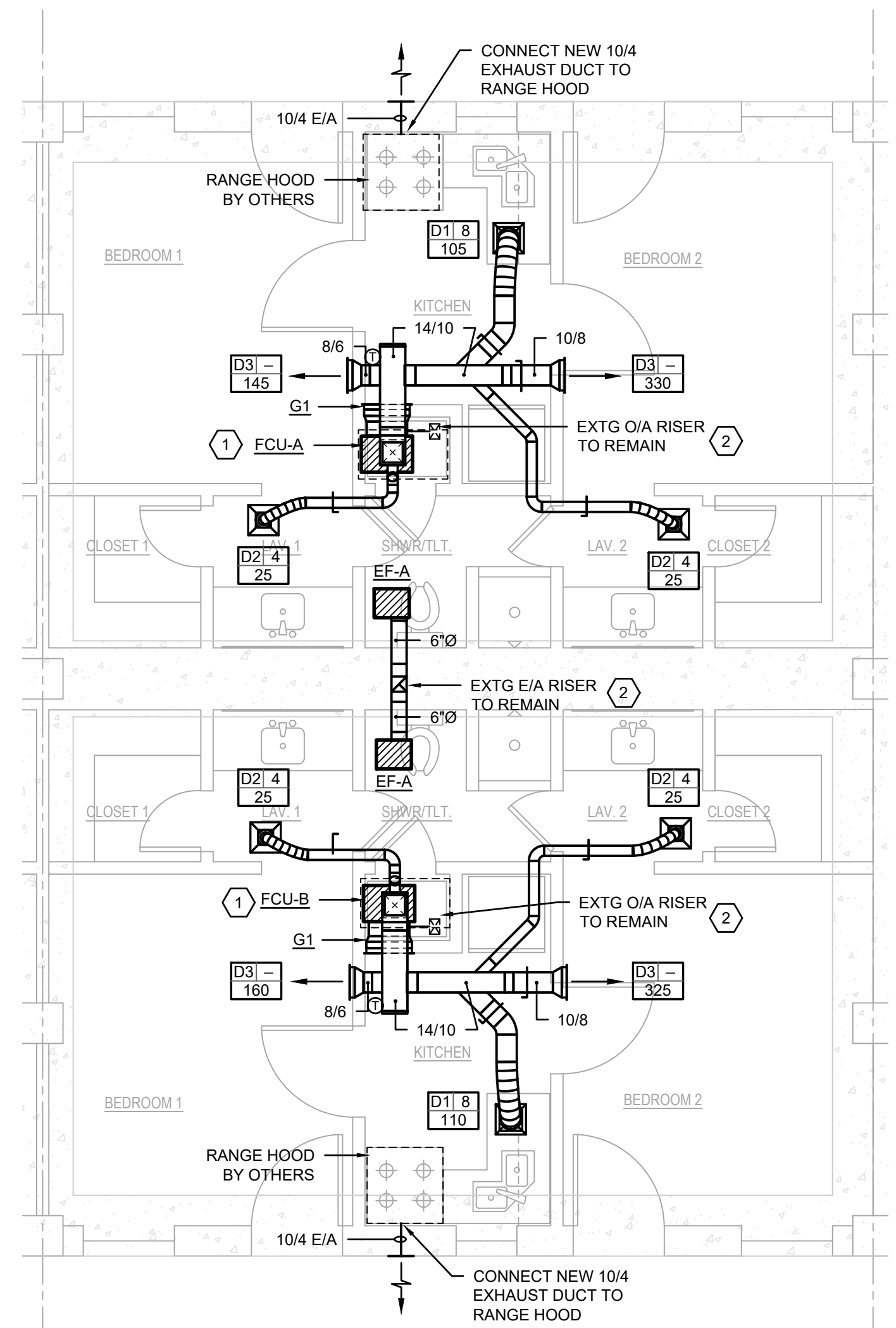
**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

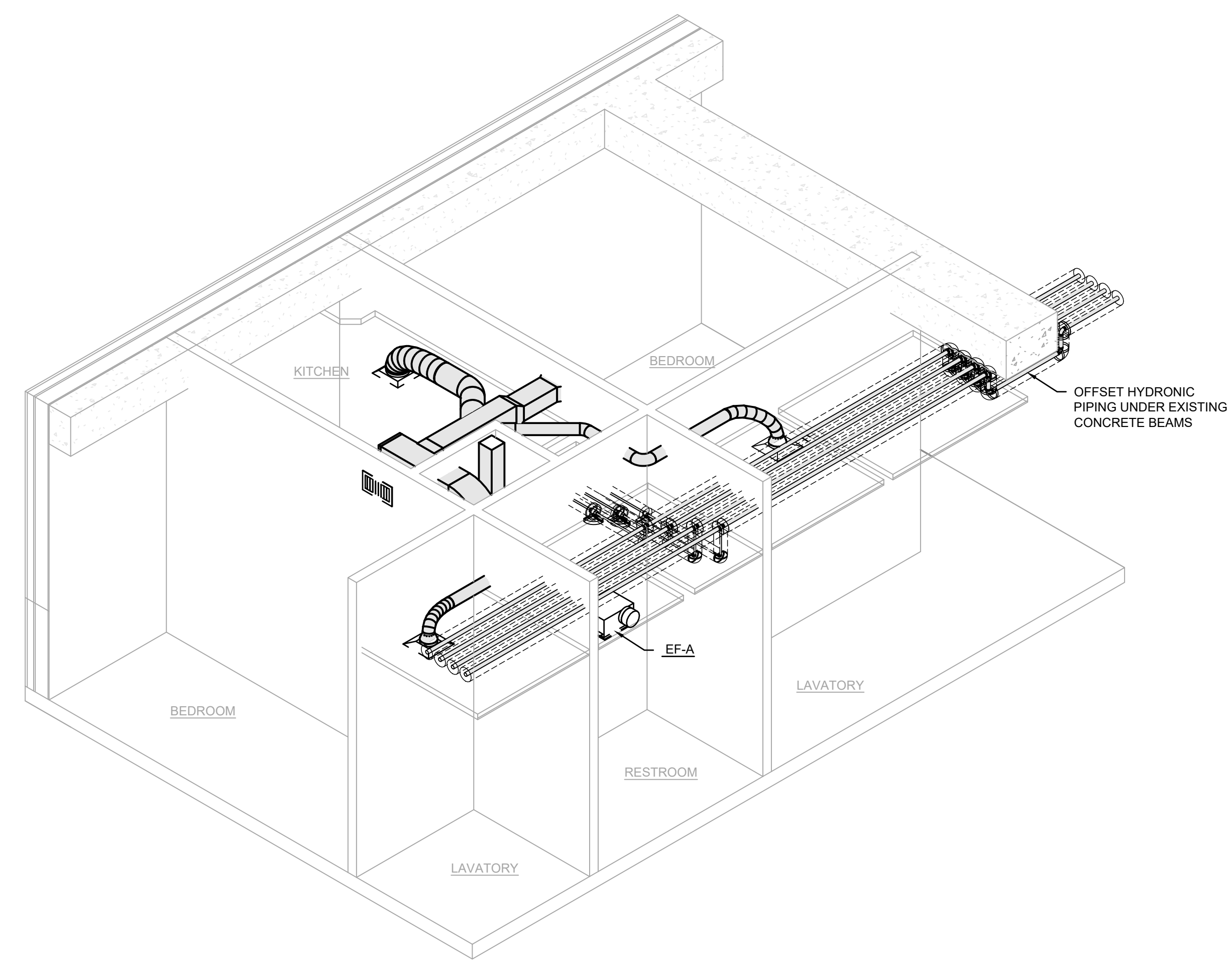
DESIGN FIRM  
**KBA**  
kevin bryan architect  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK: 318-425-9960 FAX: 318-425-9962



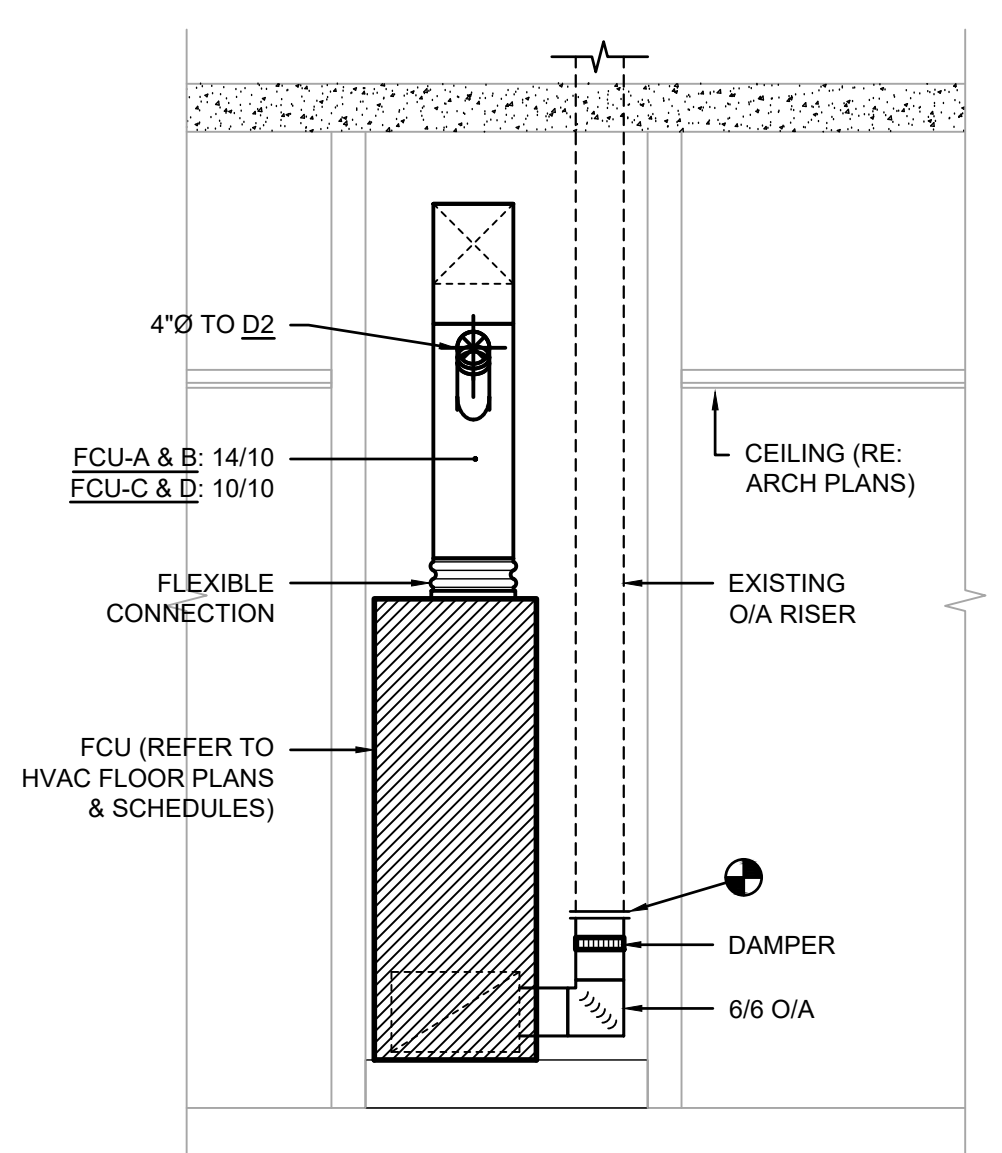
**A** TYPICAL ENLARGED SUITE HVAC PLAN (FCU-C, FCU-D)  
SCALE: 1/4"=1'-0"



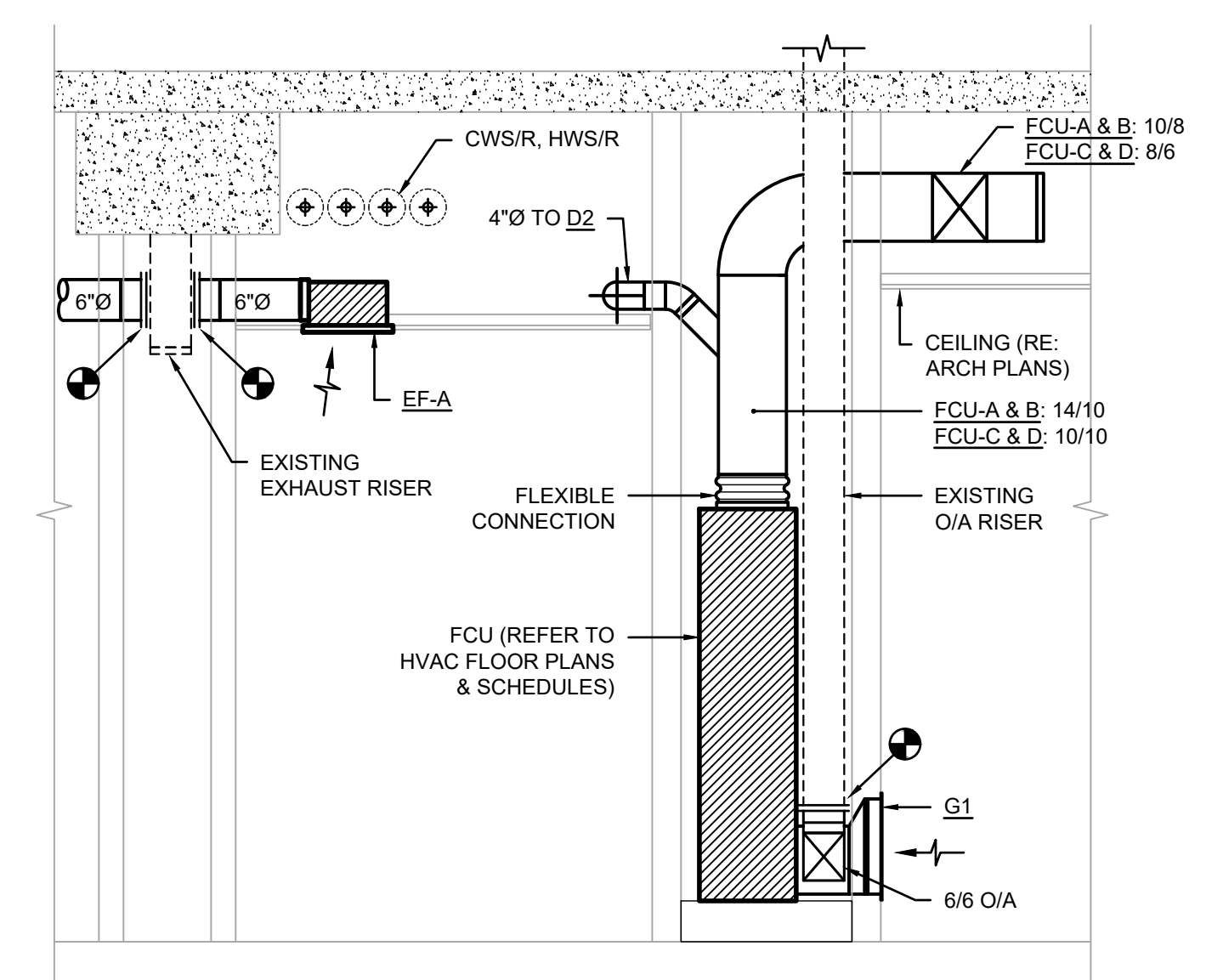
**B** TYPICAL ENLARGED SUITE HVAC PLAN (FCU-A, FCU-B)  
SCALE: 1/4"=1'-0"



TYPICAL SUITE AXONOMETRIC  
NO SCALE



**C** TYPICAL FCU SECTION  
SCALE: 1/2"=1'-0"



**D** TYPICAL FCU SECTION  
SCALE: 1/2"=1'-0"

LEGEND (MECHANICAL ITEMS ONLY)	
---	EXISTING TO REMAIN
---	NEW WORK

**MECHANICAL NOTES:**

- PROVIDE OVERSIZED DRAIN PAN, APPROXIMATELY 36"x24", EXTENDING THE WIDTH OF THE MECHANICAL CLOSET.
- CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.
- PROVIDE LOW PROFILE, SPUN ALUMINUM DOMED EXHAUST HOOD EQUAL TO GREENHECK GRSR-8 WITH INTEGRAL BIRDSCREEN, SLOPED ROOF CURB AND FLASHING FLANGE. PROVIDE FULL SIZE INSULATED DUCT EXTENSION. COORDINATE INSTALLATION WITH EXISTING ROOF OPENING AND STRUCTURE AS REQUIRED. EXTEND AND CONNECT EACH EXHAUST BRANCH DUCT AS INDICATED.
- PROVIDE LOW PROFILE, SPUN ALUMINUM DOMED INTAKE HOOD EQUAL TO GREENHECK GRSI-10 WITH INTEGRAL BIRDSCREEN, SLOPED ROOF CURB AND FLASHING FLANGE. FLASH AND SEAL WEATHERPROOF. PROVIDE FULL SIZE INSULATED DUCT EXTENSION. COORDINATE INSTALLATION WITH EXISTING ROOF OPENING AND STRUCTURE AS REQUIRED.
- REFRIGERANT PIPING SHALL BE HARD COPPER WITH FITTINGS AND INSTALLED LEVEL AND PLUMB. WALL MOUNTED UNIT SHALL HAVE REFRIGERANT PIPING ROUTED WITHIN WALL WITH BACK UNIT CONNECTIONS. EXPOSED REFRIGERANT PIPING TO HAVE METAL JACKETED INSULATION. SEE SHEET P2.1 FOR CONDENSATE PIPING.
- PROVIDE 4" THICK HOUSEKEEPING PAD 6" WIDER ON EACH SIDE OF EQUIPMENT. SEE DETAIL, SHEET M4.1.
- OTHER MECHANICAL FIXTURES: MECHANICAL FIXTURES (E.G. PIPING, DUCTWORK, PNEUMATIC TUBING) NOT RELATED TO THE DIRECT SUPPORT OF THE COMMIT ROOMS SHALL NOT BE INSTALLED IN, PASS THROUGH, OR ENTER THE COMM ROOM. RE: TIA/EIA-568-C PARA. 6.3.6.3.
- PROVIDE 4" RIGID DRYER VENT THROUGH EXTERIOR WALL WITH HOODED CAP (PRIMED AND PAINTED TO MATCH EXTERIOR FINISH) WITH INTEGRAL BACKDRAFT DAMPER/BLADES.
- PROVIDE OUTSIDE AIR INTAKE LOUVER EQUAL TO GREENHECK ESD-635 (SIZE AS NOTED) WITH INTEGRAL BIRDSCREEN IN MILL FINISH. PRIME AND PAINT TO MATCH EXTERIOR ADJACENT FINISH. LOUVER SHALL BE PROVIDED WITH FLANGED FRAME AND EXTENDED SILL. COORDINATE INSTALLATION WITH EXISTING LOUVER LOCATION. INTERLOCK MOTORIZED DAMPER WITH THERMOSTAT AND ASSOCIATED EXHAUST FAN.
- PROVIDE EXHAUST AIR LOUVER EQUAL TO GREENHECK ESD-635 (SIZE AS NOTED) WITH INTEGRAL BIRDSCREEN IN MILL FINISH. PRIME AND PAINT TO MATCH EXTERIOR ADJACENT FINISH. LOUVER SHALL BE PROVIDED WITH FLANGED FRAME AND EXTENDED SILL.

**CONTRACTOR NOTE**  
CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

ALL NEW DUCT SYSTEMS TO BE LEAK TESTED IN ACCORDANCE WITH SUBSECTION 5-2.21 OF UFC 3-410-02 (RE: SHEET M1.1)

ALL EXISTING DUCT INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY. CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING DUCTS TO REMAIN.

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3029 NIGHTINGALE STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
PHONE: 318-425-7402 FAX: 318-425-4622  
WWW.AFJMC.COM

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. 35843

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
ENLARGED MECHANICAL PLANS & SECTIONS

SHEET M2.5 OF 17M

PROJECT TITLE  
REPAIR DORM BOLO B4351

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
OPP. NO. 1086485

Drawing Number  
Facility Number  
B4351

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioremediation Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-673-9960 FAX: 318-673-9922

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**FIRST, SECOND, & THIRD FLOOR HYDRONIC PIPING PLANS**

SHEET **M3.1** OF **17M**

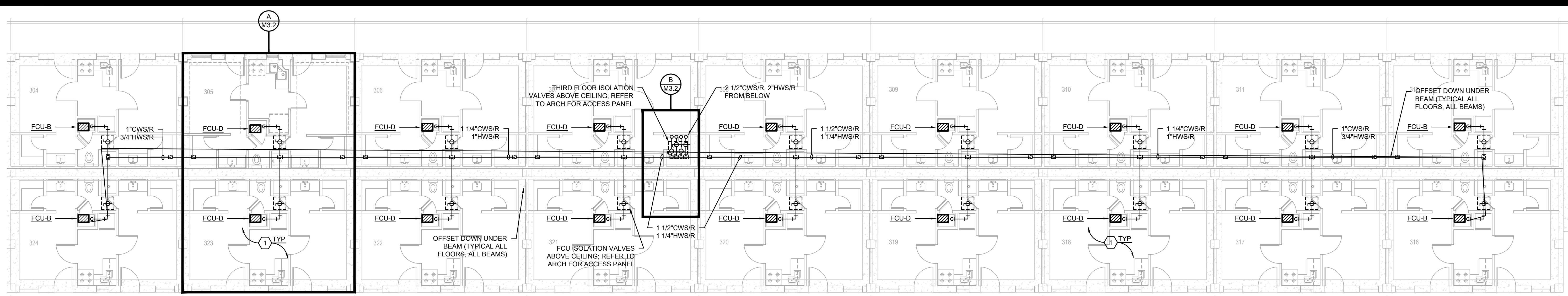
PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

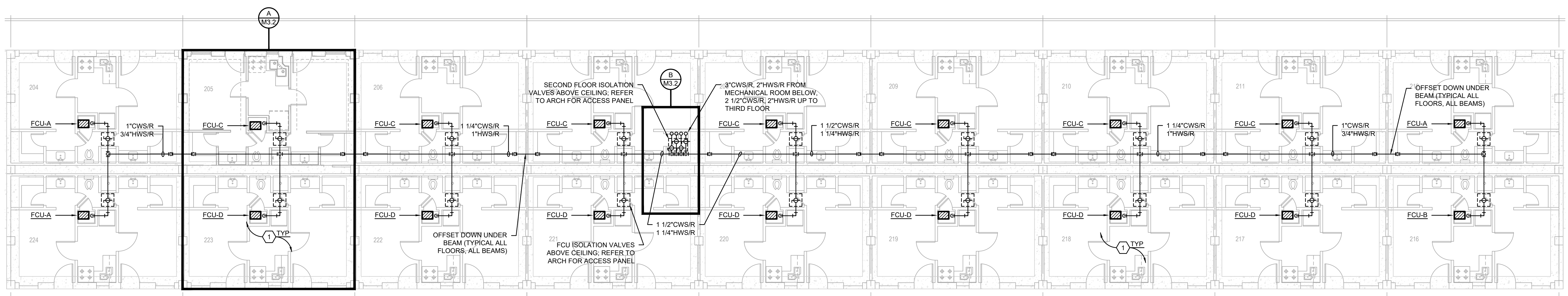
Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

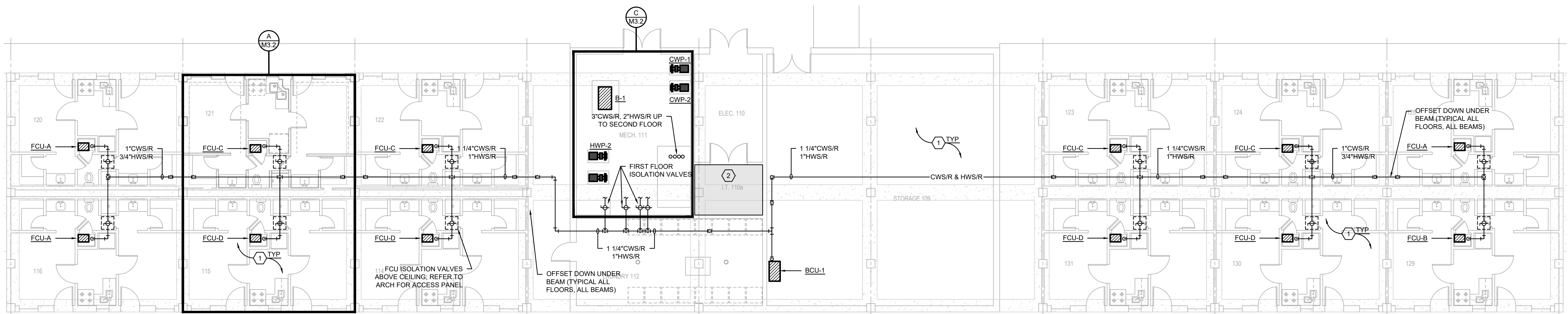
Facility Number  
**B4351**



**THIRD FLOOR HYDRONIC PIPING PLAN**  
SCALE: 1/8"=1'-0"



**SECOND FLOOR HYDRONIC PIPING PLAN**  
SCALE: 1/8"=1'-0"



**FIRST FLOOR HYDRONIC PIPING PLAN**  
SCALE: 1/8"=1'-0"

**CONTRACTOR NOTE**

CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

- MECHANICAL NOTES:**
- ROUTE HYDRONIC PIPING MAINS AND BRANCHES AS HIGH AS POSSIBLE. COORDINATE EXACT ROUTING PRIOR TO ROUGH-IN AND INSTALLATION WITH ALL DISCIPLINES AND SYSTEMS INSTALLATION. ROUTE BRANCH PIPING TO UNITS ABOVE DUCTWORK AND OTHER PIPING SYSTEMS AND THROUGH STRUCTURE. OFFSET DOWN TO EQUIPMENT CONNECTION POINTS AS REQUIRED.
  - OTHER MECHANICAL FIXTURES: MECHANICAL FIXTURES (E.G. PIPING, DUCTWORK, PNEUMATIC TUBING) NOT RELATED TO THE DIRECT SUPPORT OF THE COMM/IT ROOMS SHALL NOT BE INSTALLED IN, PASS THROUGH, OR ENTER THE COMM ROOM. RE: TIA/EIA-569-C PARA. 6.3.6.3.

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONCEVANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioregional Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**HYDRONIC PIPING  
SECTIONS & ENLARGED  
PLANS**

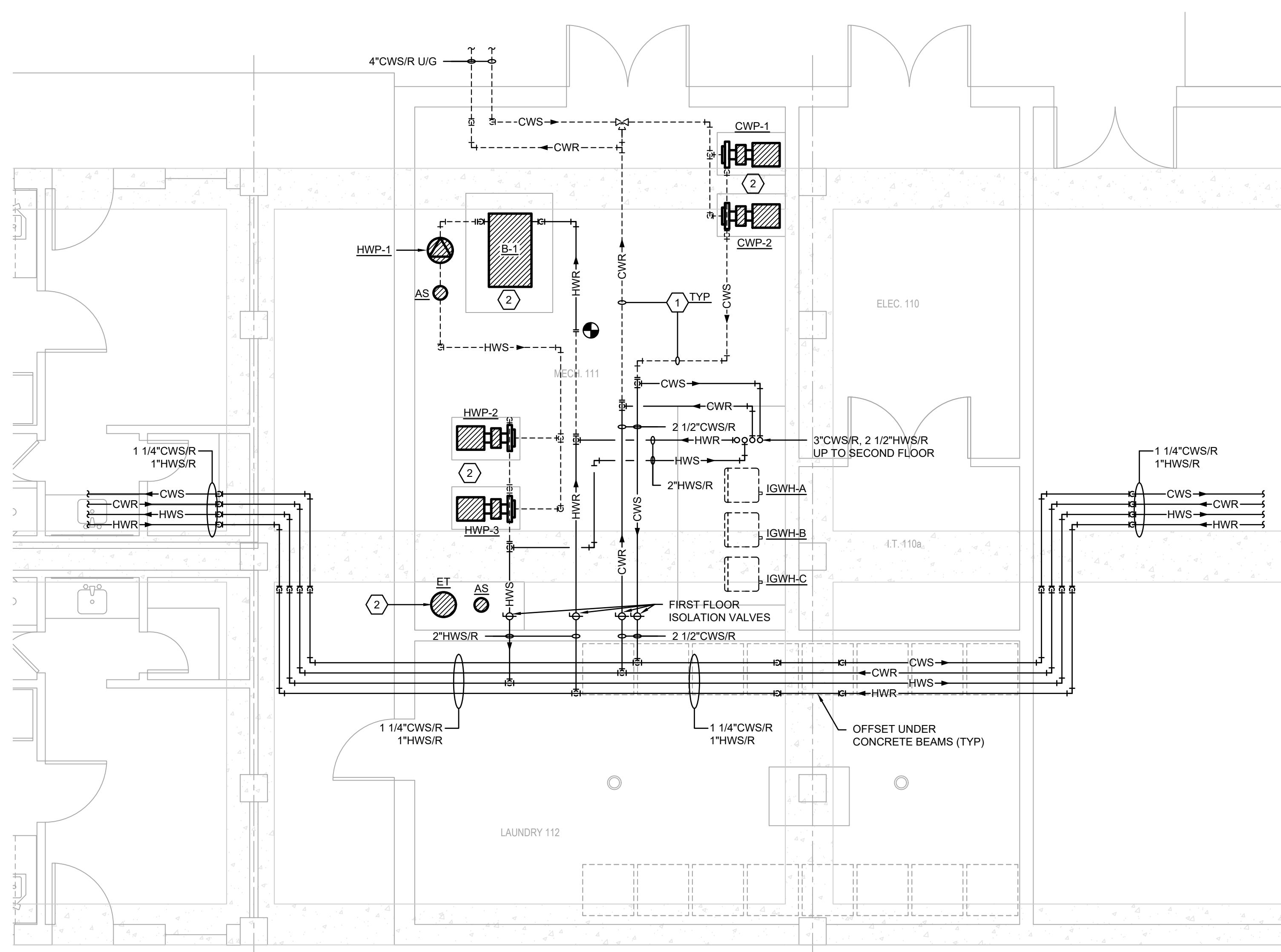
SHEET **M3.2** OF **17M**

PROJECT TITLE  
**REPAIR DORM BOLO  
B4351**

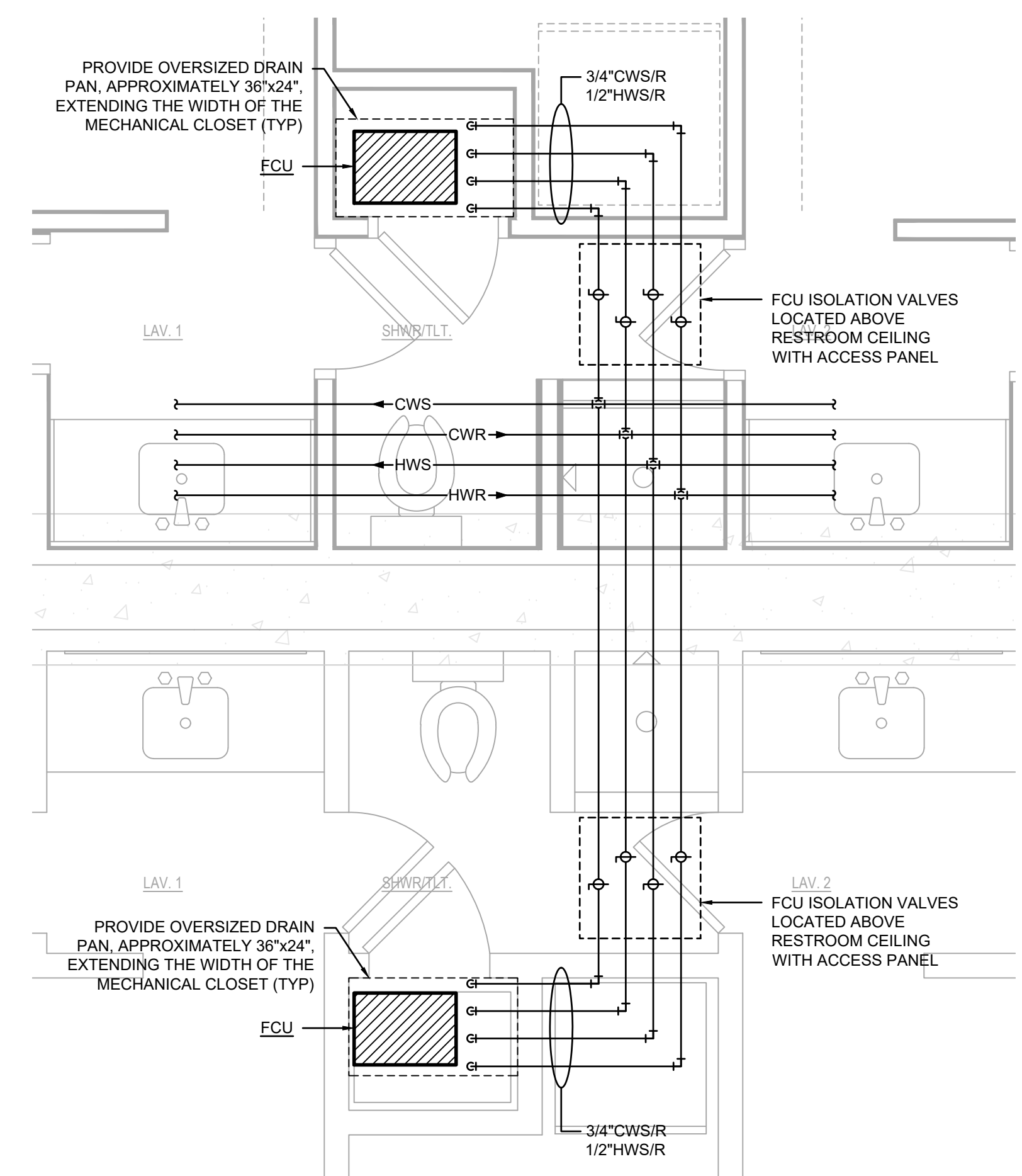
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

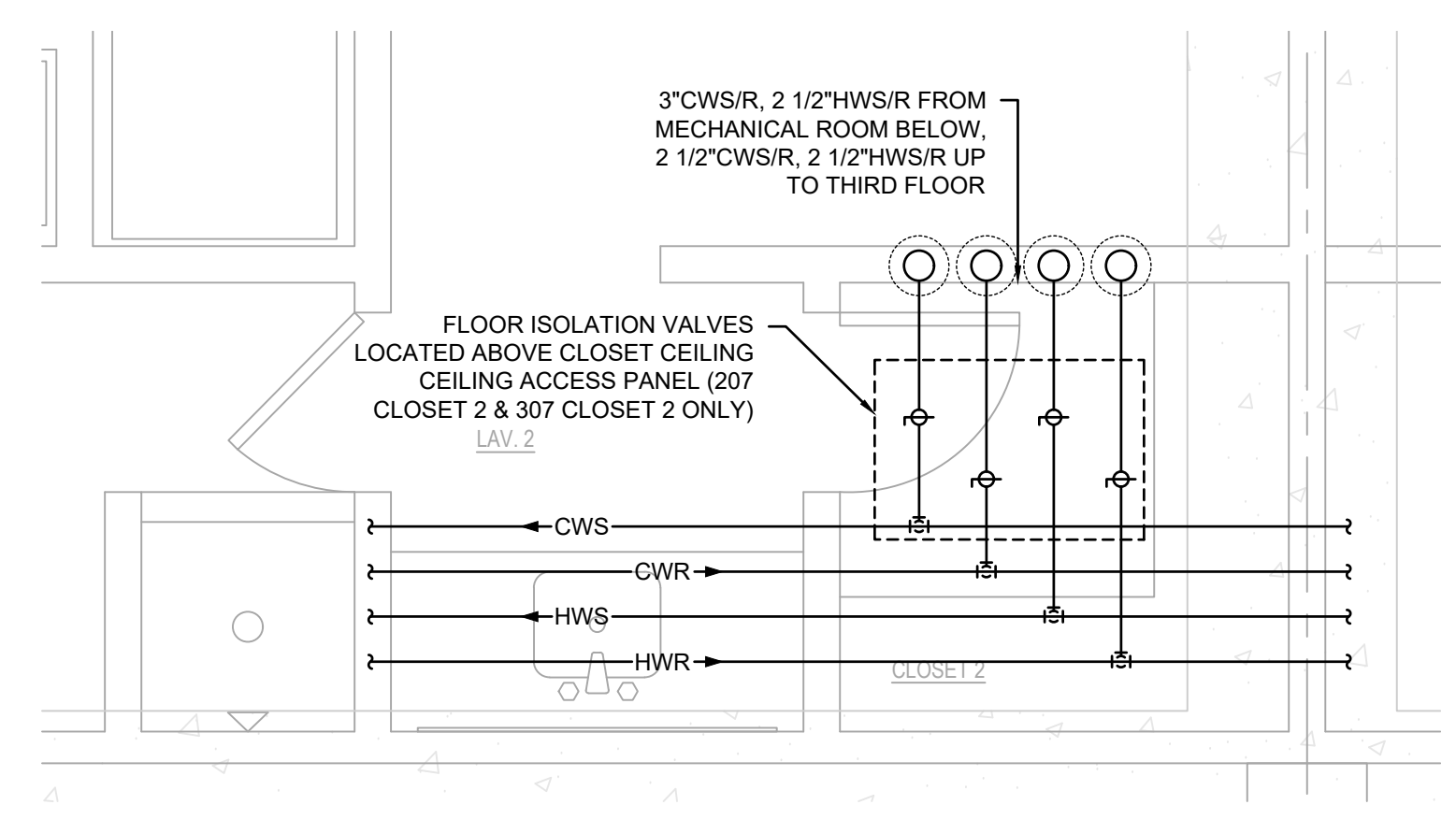
Drawing Number  
**B4351**



**C ENLARGED MECHANICAL ROOM HYDRONIC PIPING PLAN**  
SCALE: 1/4"=1'-0"



**A TYPICAL FCU ISOLATION VALVES**  
SCALE: 1/2"=1'-0"



**B TYPICAL SECOND & THIRD FLOOR ISOLATION VALVES**  
SCALE: 1/2"=1'-0"

**CONTRACTOR NOTE**

CONTRACTOR SHALL SUBMIT A LIST OF ALL EXISTING AND NEW MECHANICAL EQUIPMENT BEING REPLACED INCLUDING ITEM, MANUFACTURER, SERIAL NUMBER AND DATE REPLACED.

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AE&C.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

**APPROVED**

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

**COORDINATION**

	Airfield Manager
	Ground Safety
	Communication
	Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Plumbers Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK: 318-473-9920 FAX: 318-473-9922

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

**MECHANICAL DETAILS**

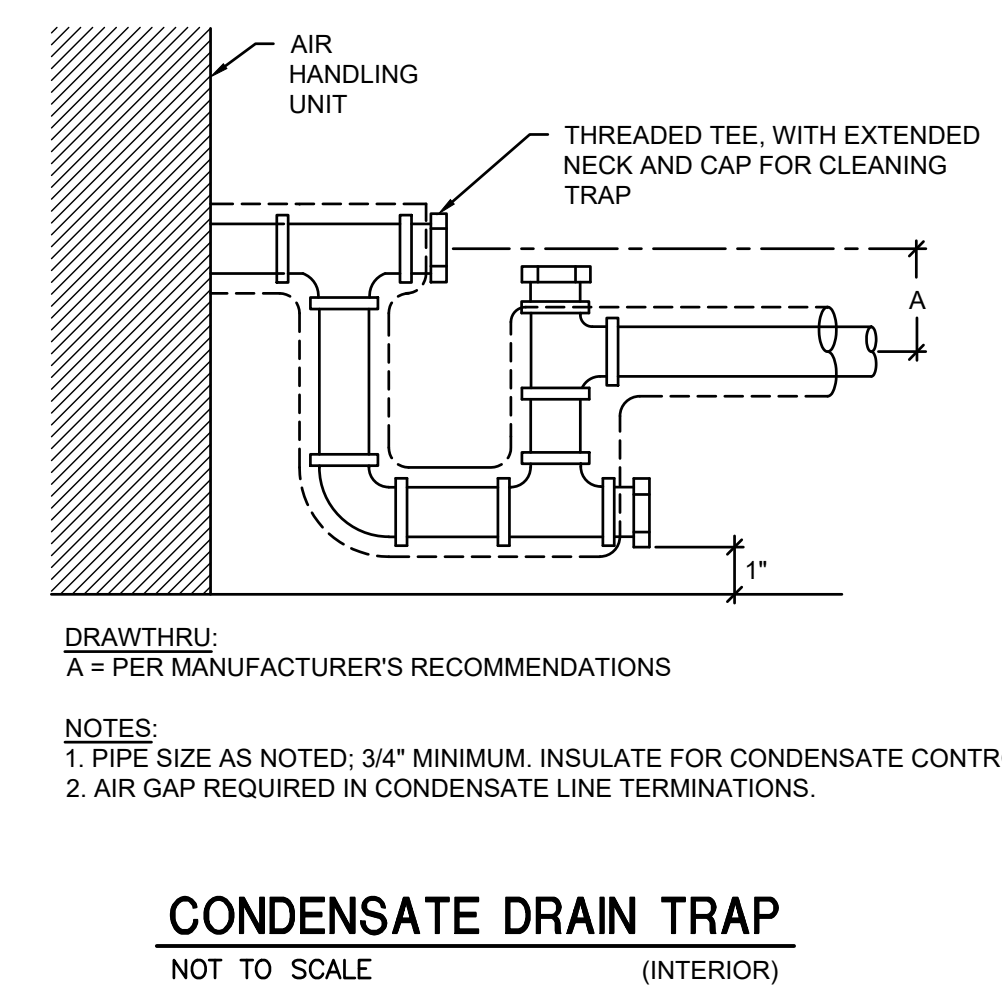
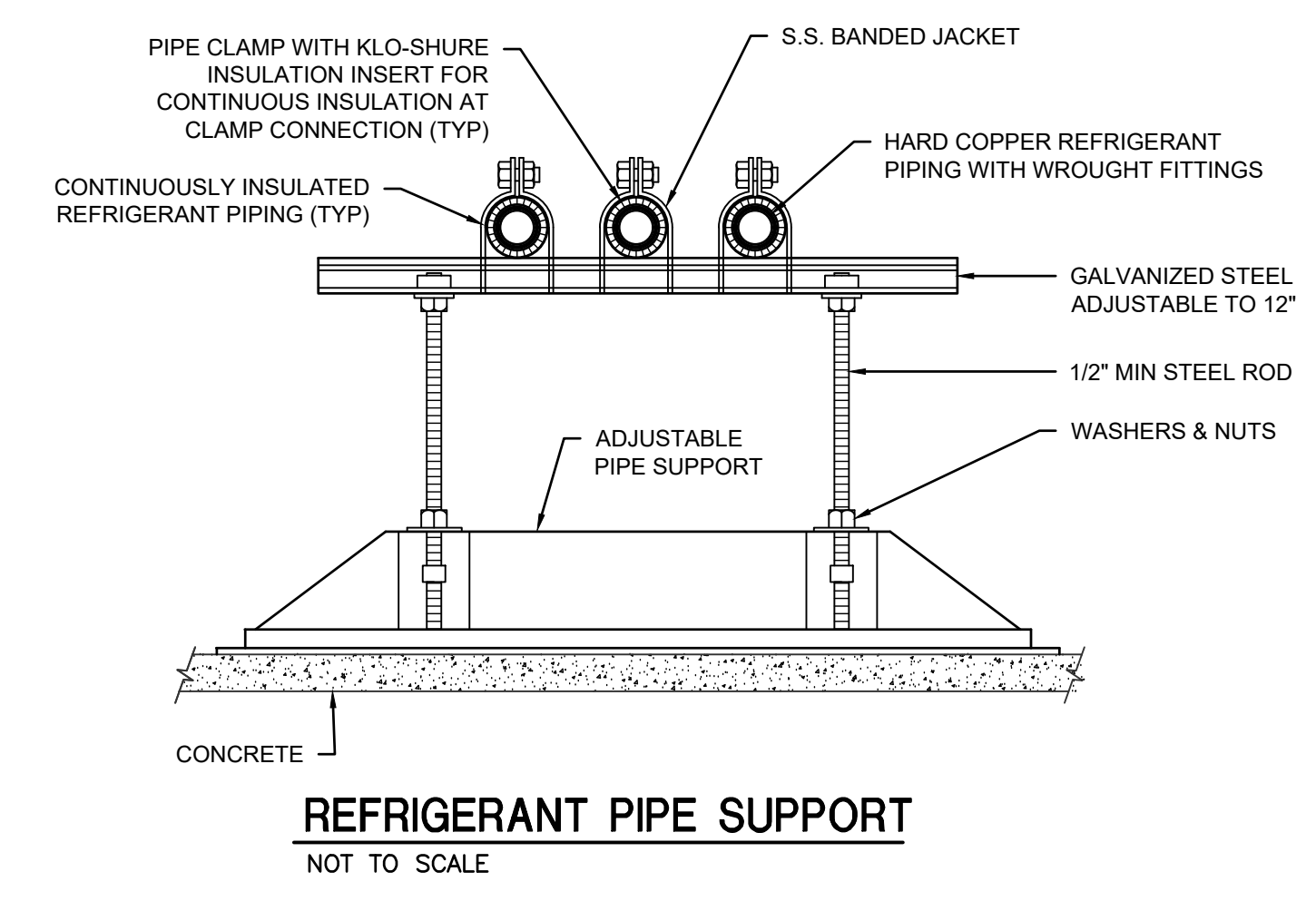
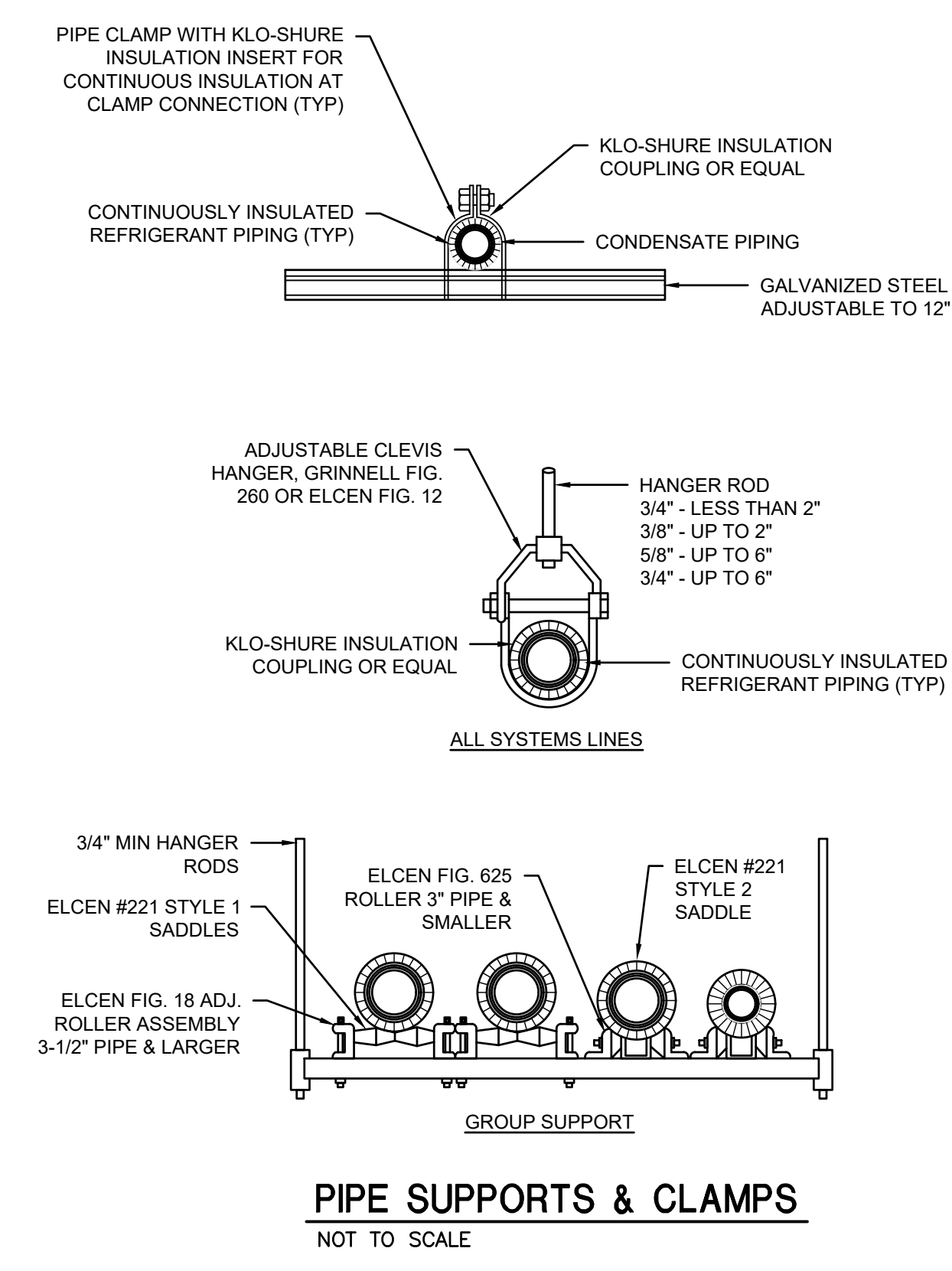
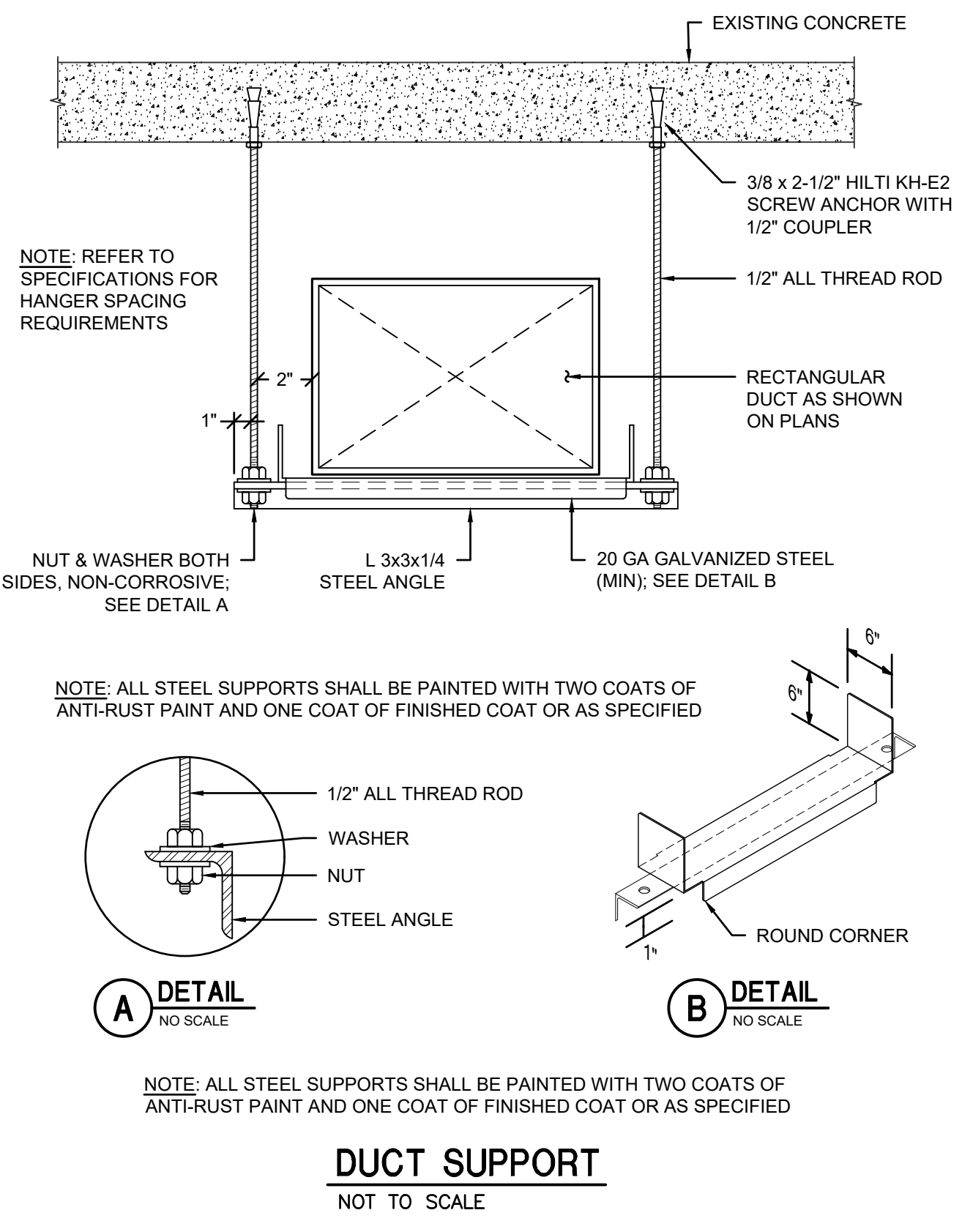
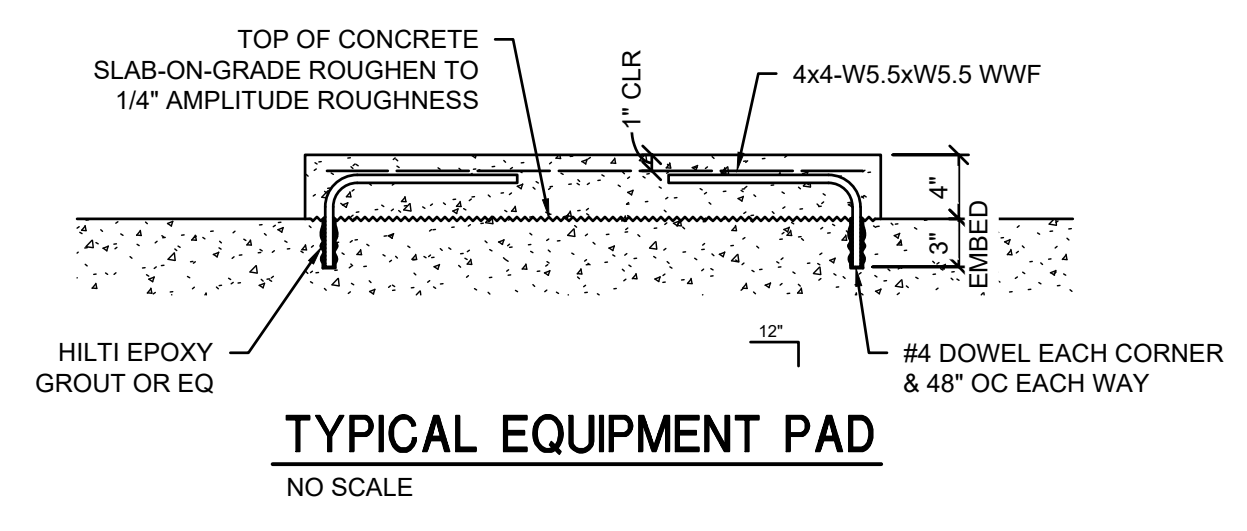
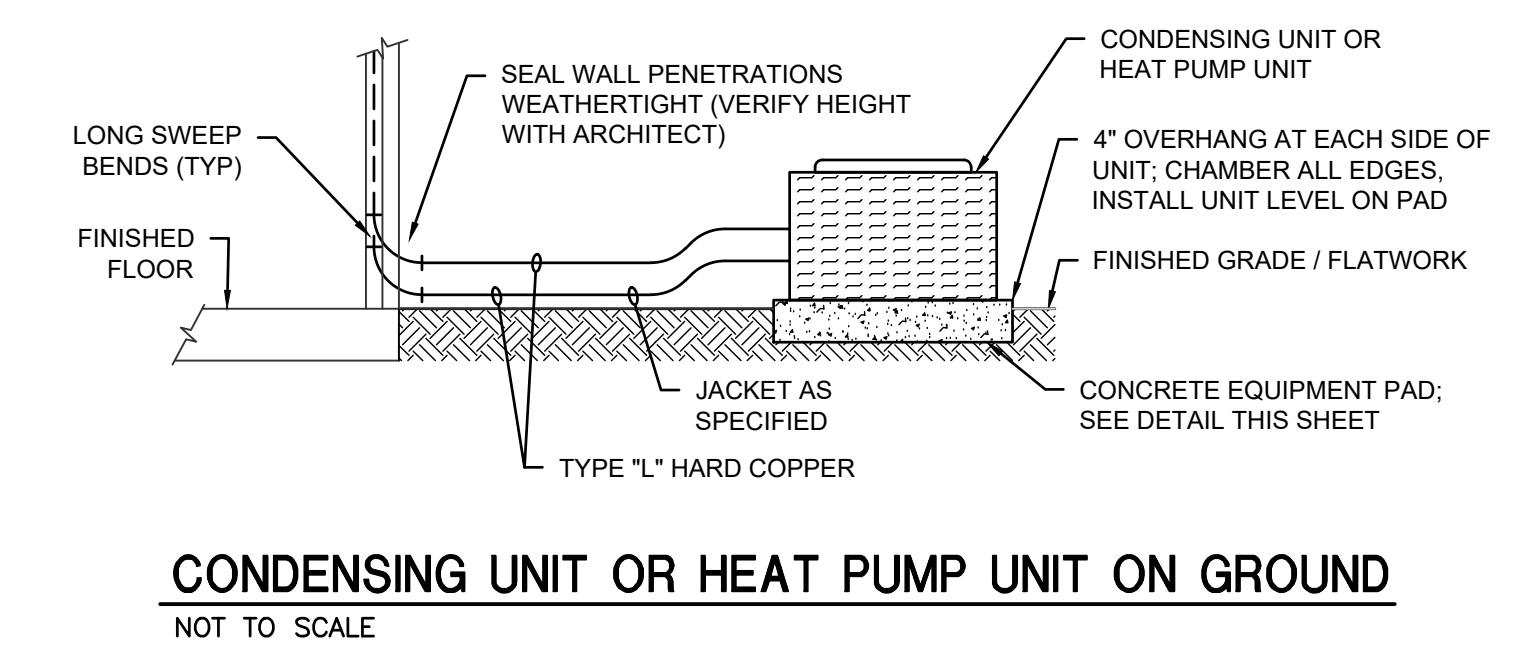
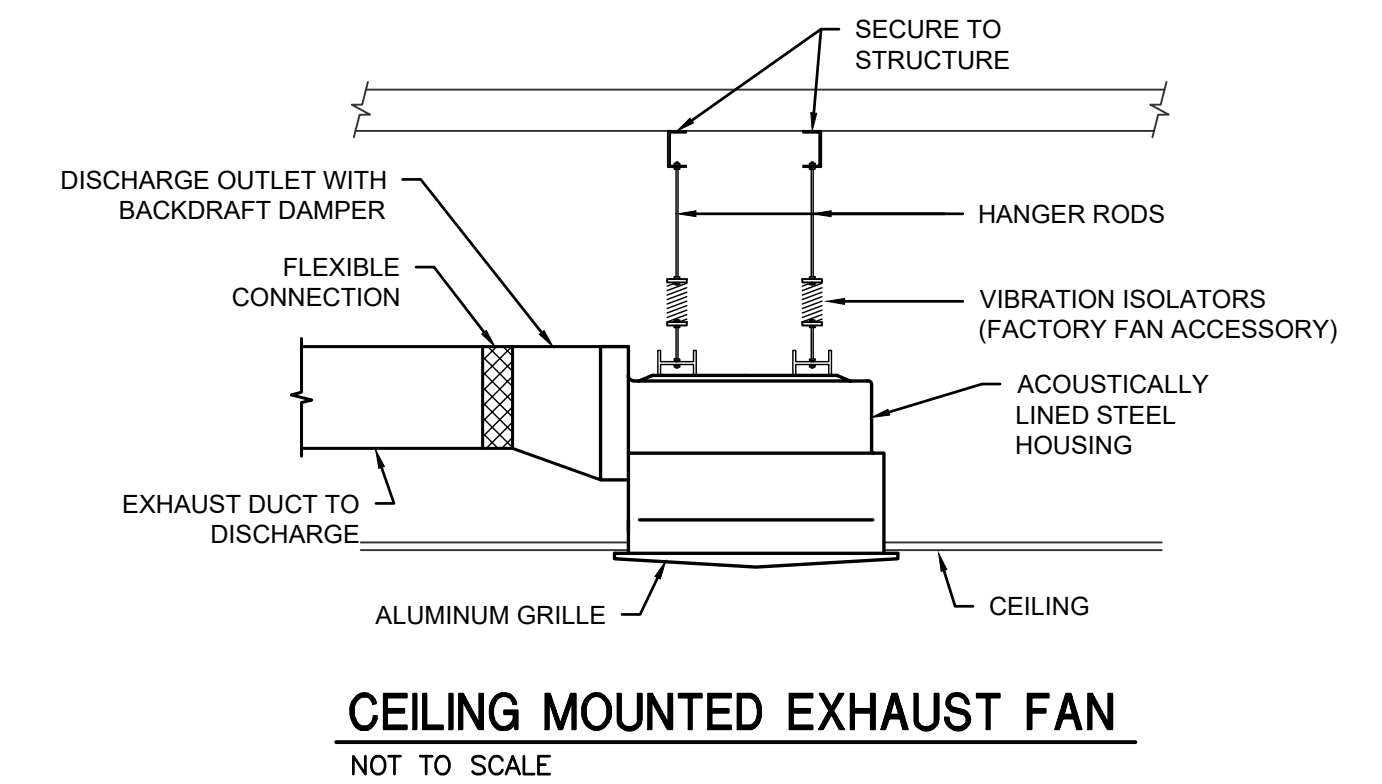
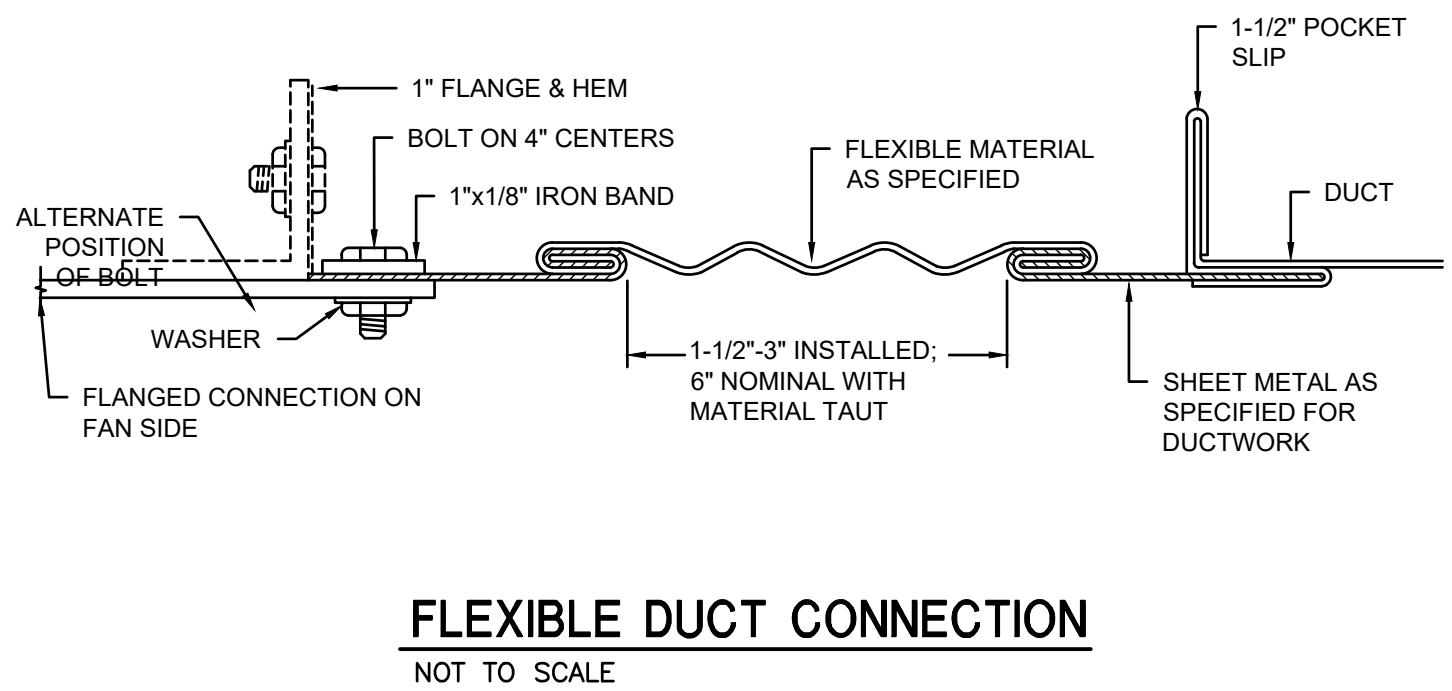
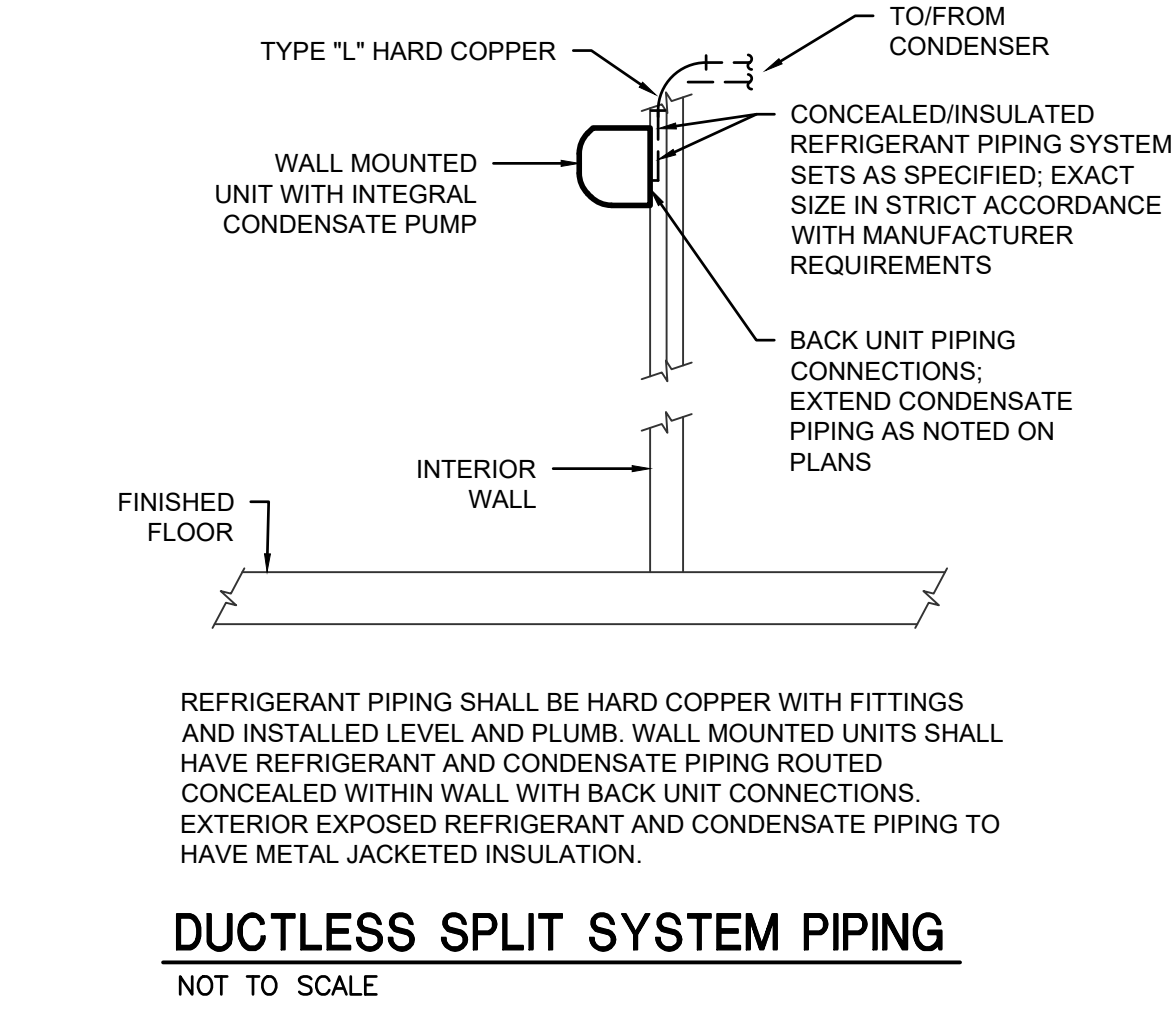
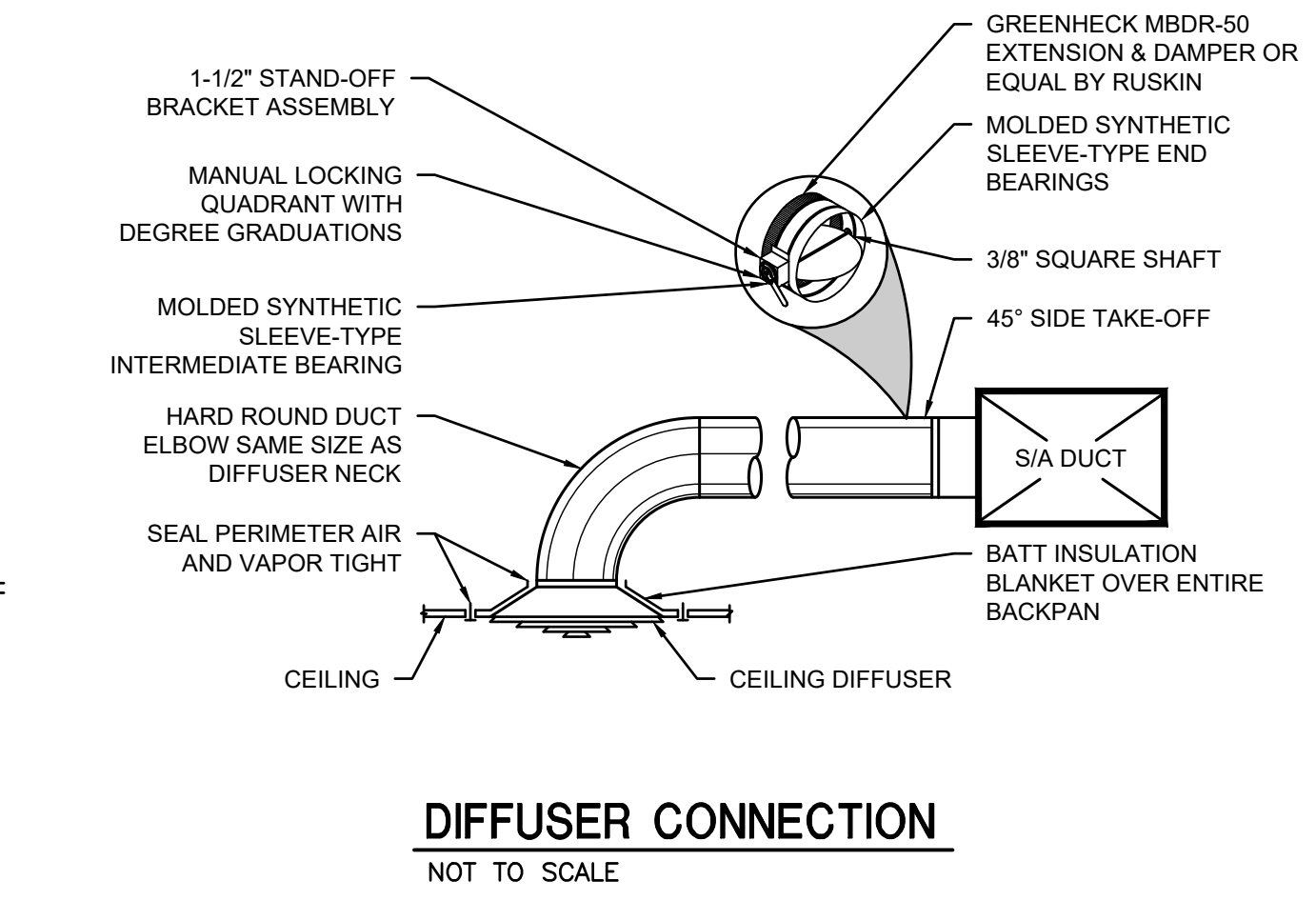
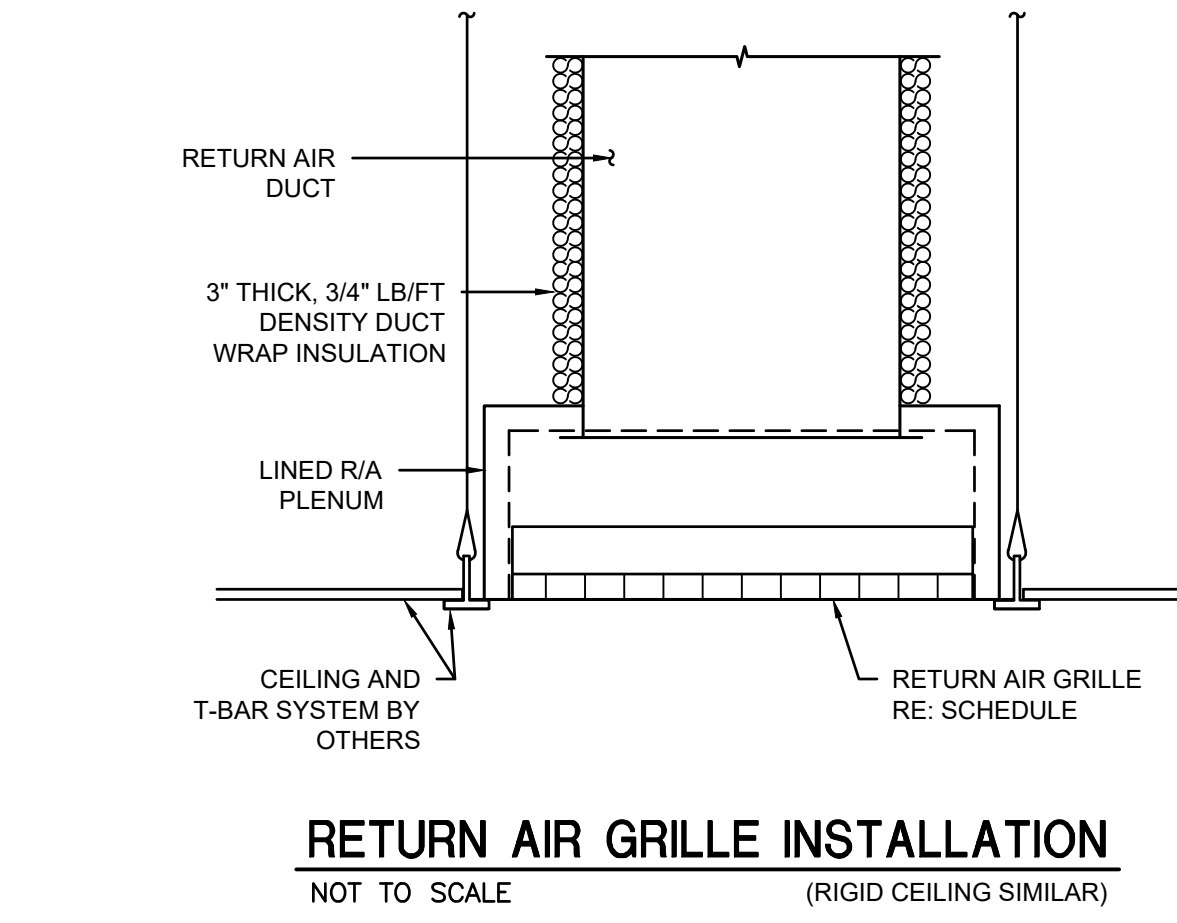
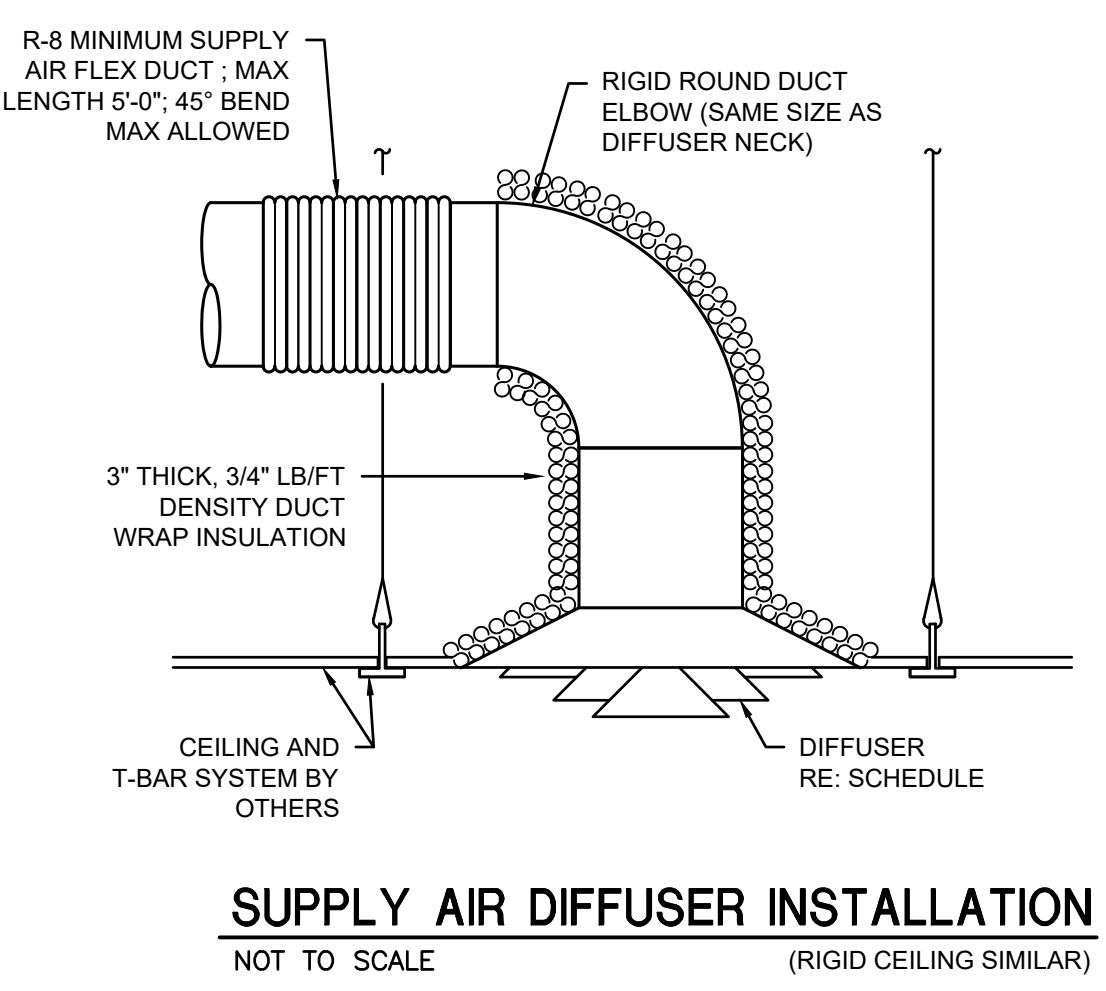
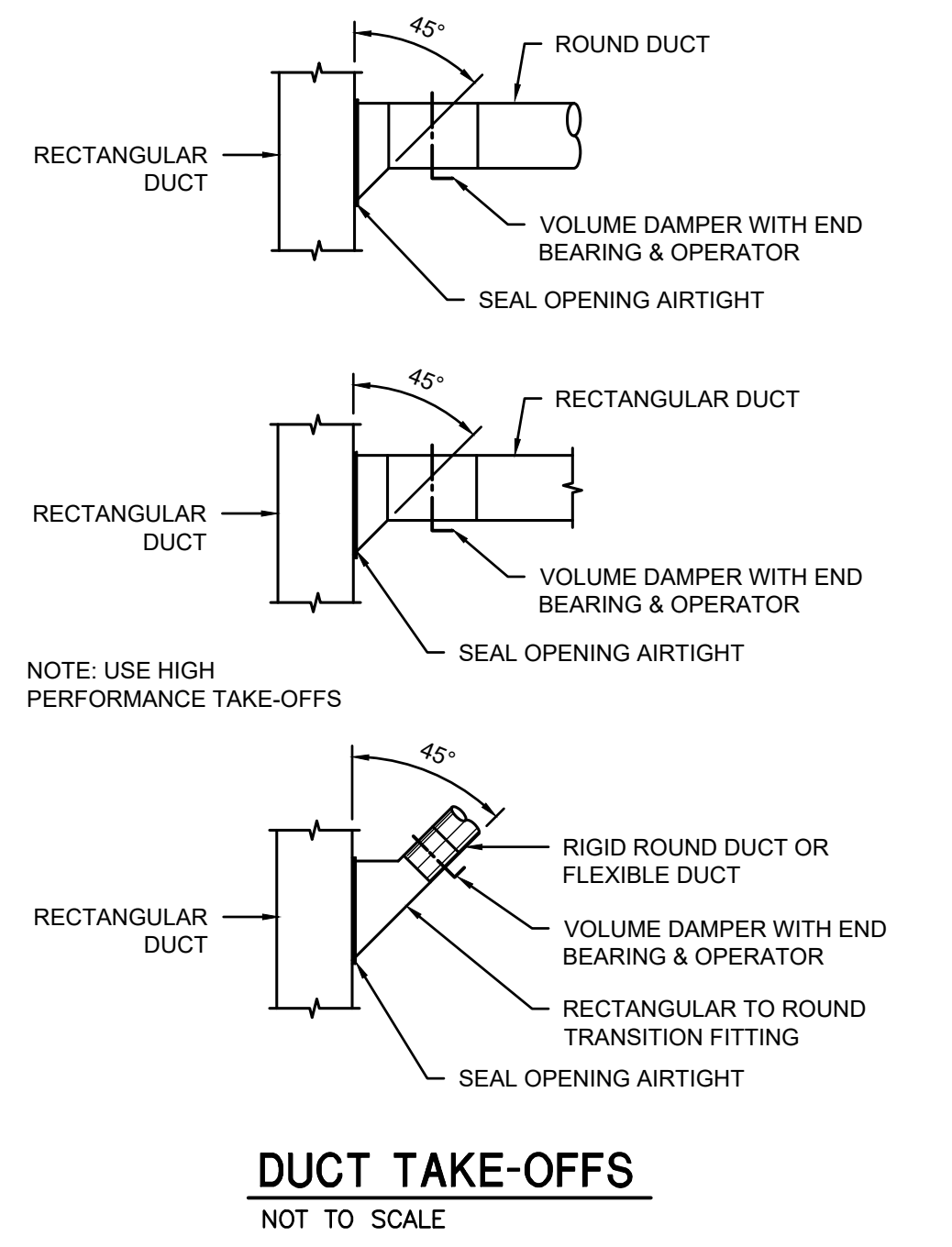
SHEET **M4.1** OF **17M**

PROJECT TITLE  
**REPAIR DORM BOLO  
B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**



**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.af-jac.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-JAC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-JAC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Plumbers Engineer
	Corrosion Engineer
	Protective Coating Eng.

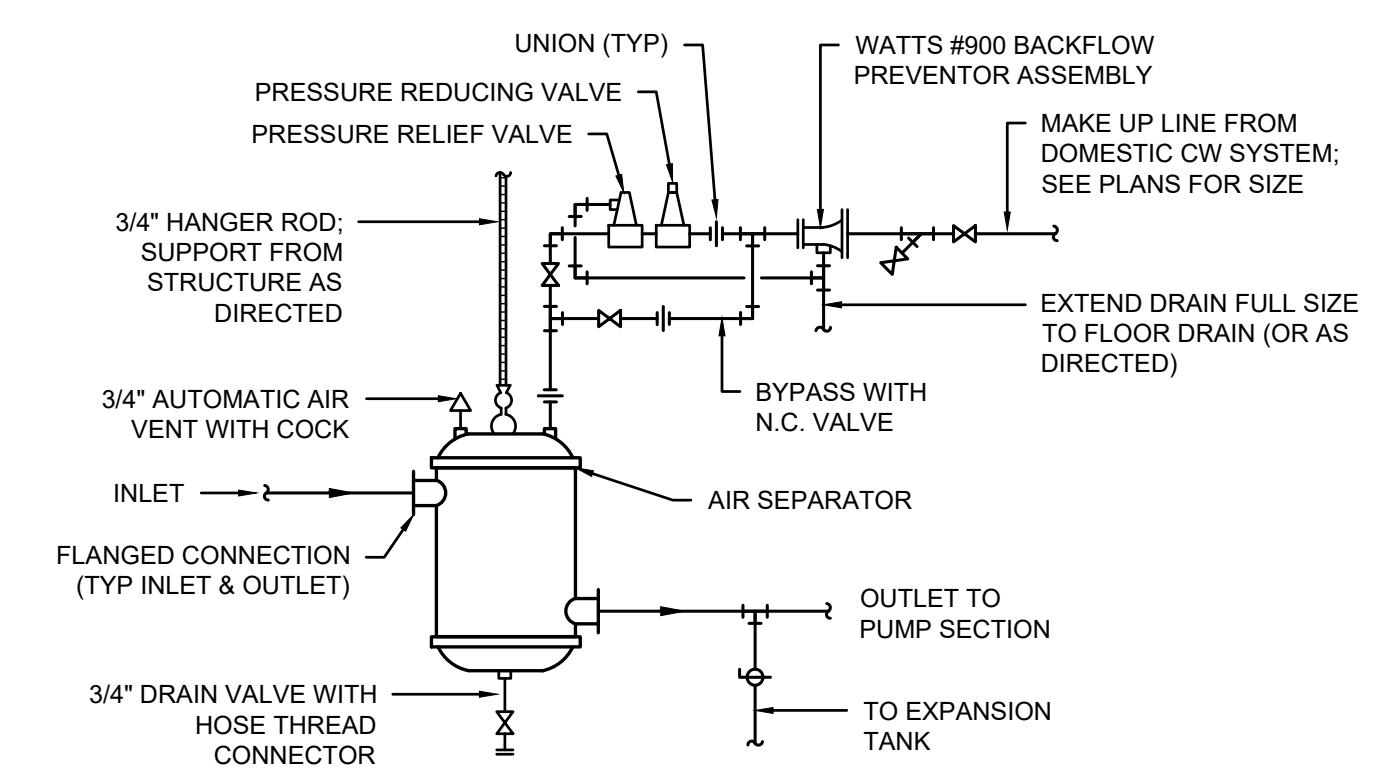


Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

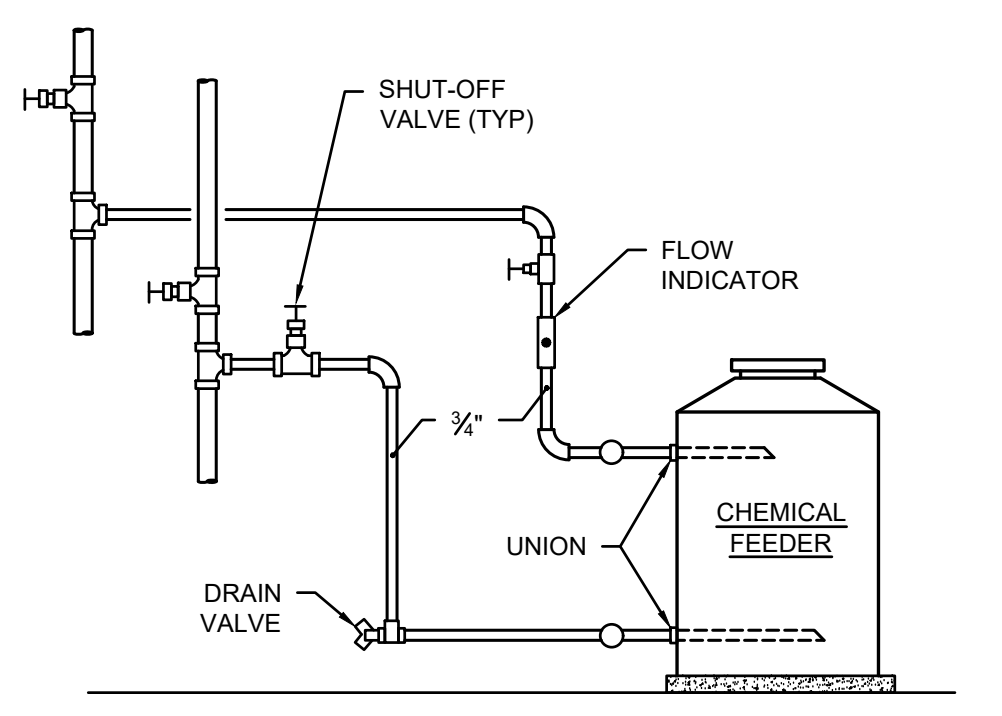
REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE	
HYDRONIC DETAILS	
SHEET	OF
M4.2	17M

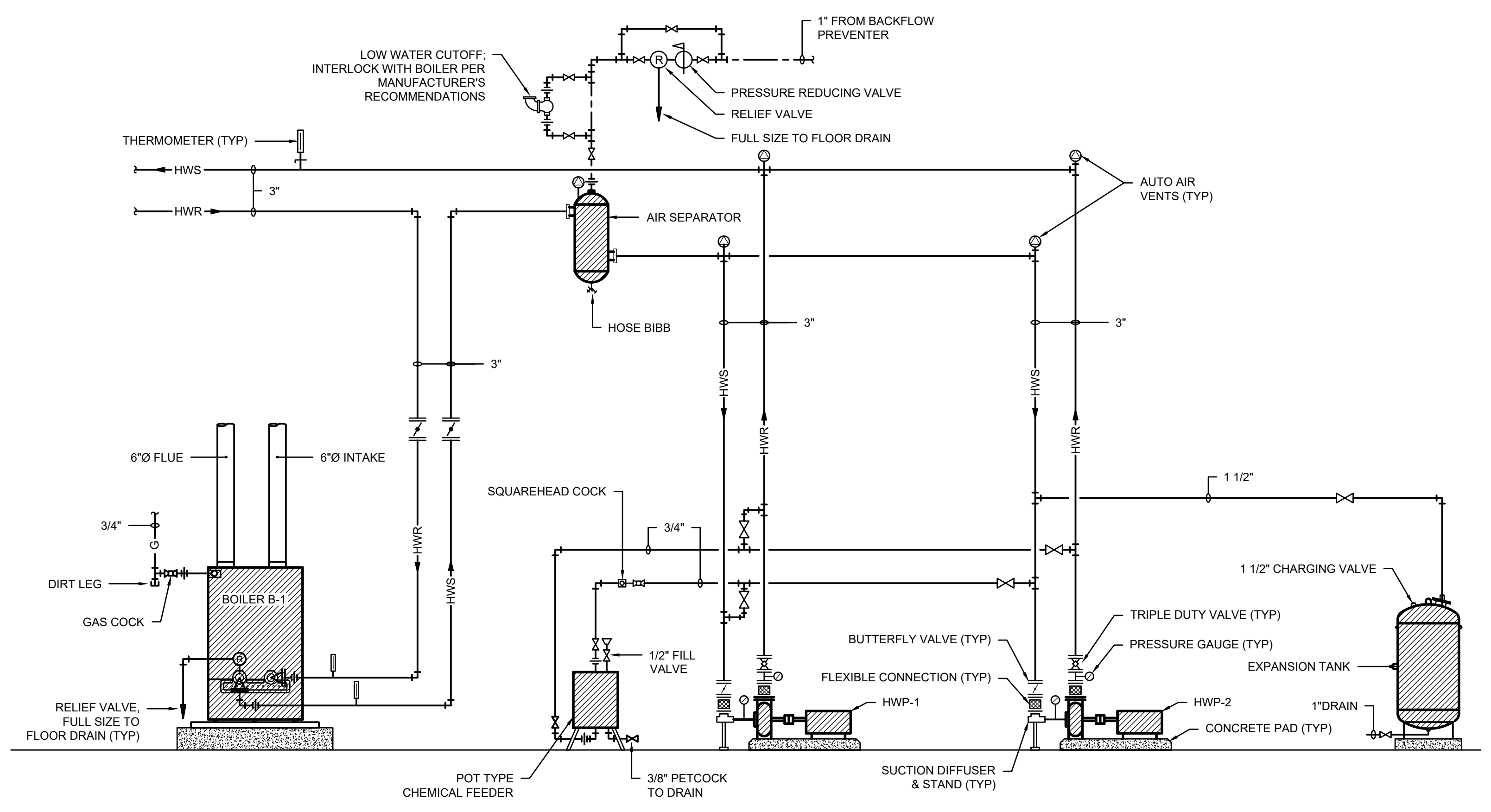
PROJECT TITLE	
REPAIR DORM BOLO B4351	
BARKSDALE AIR FORCE BASE, LOUISIANA 71110	
Project Number	OPP. NO. 1086485
Drawing Number	Facility Number
	B4351



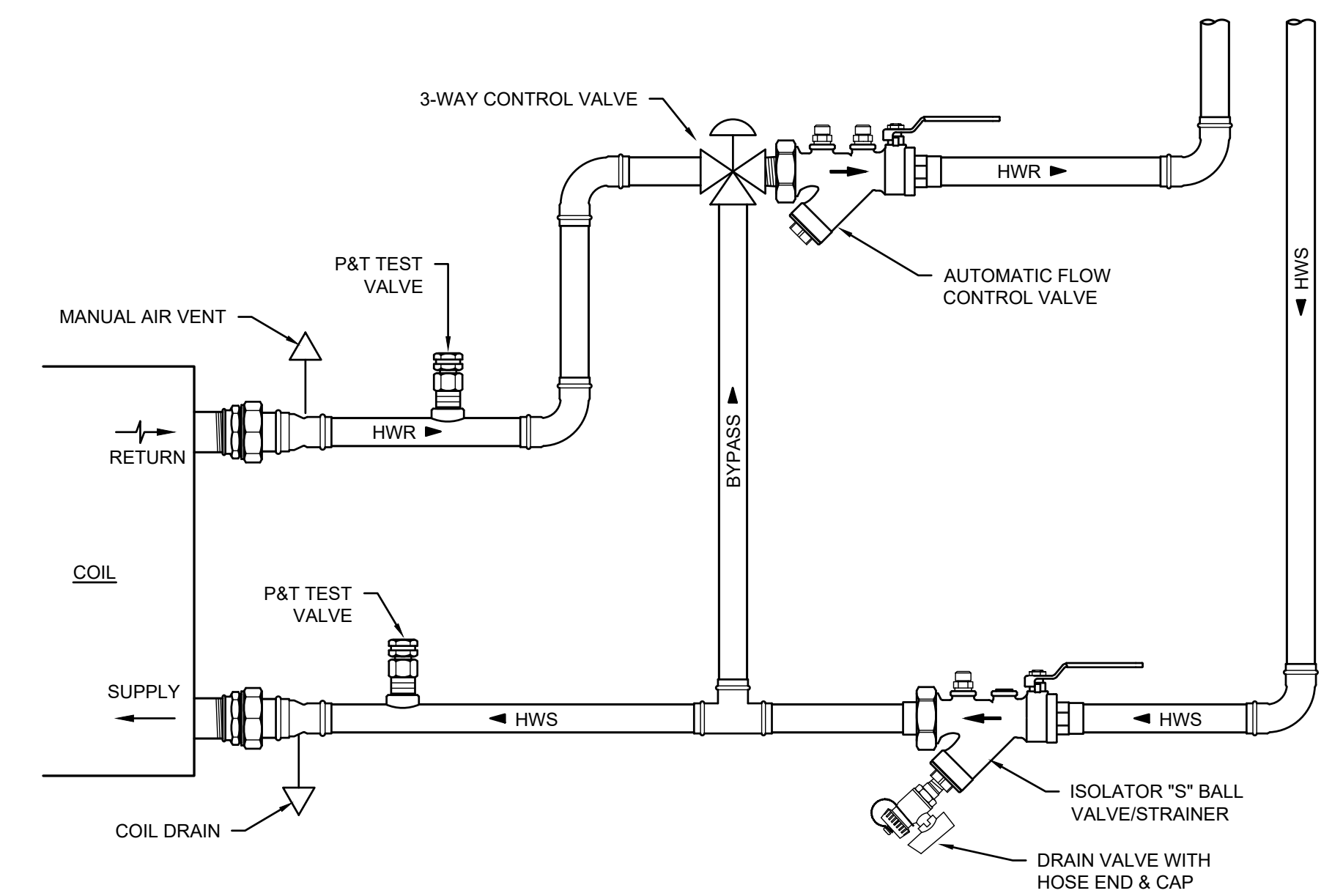
**AIR SEPARATOR**  
NOT TO SCALE



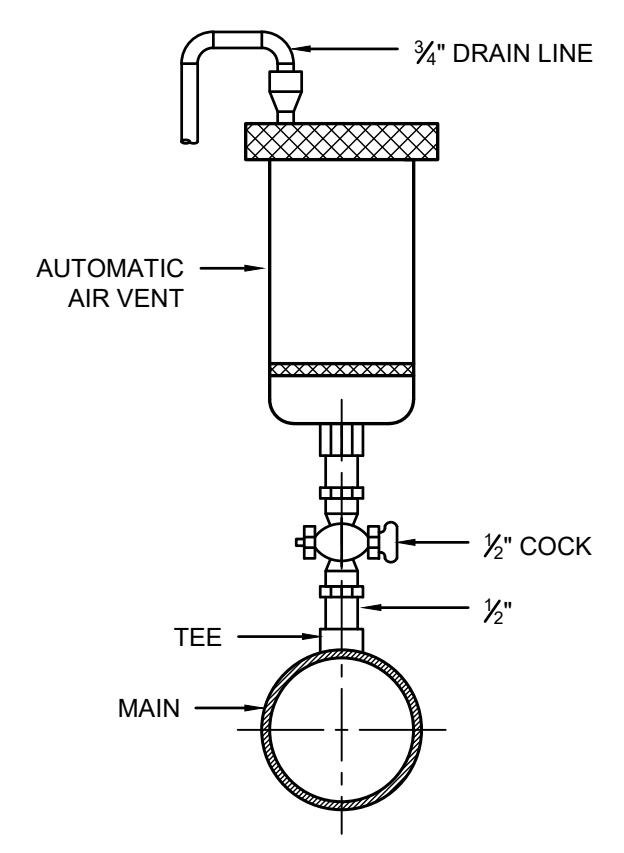
**CHEMICAL FEEDER**  
NOT TO SCALE



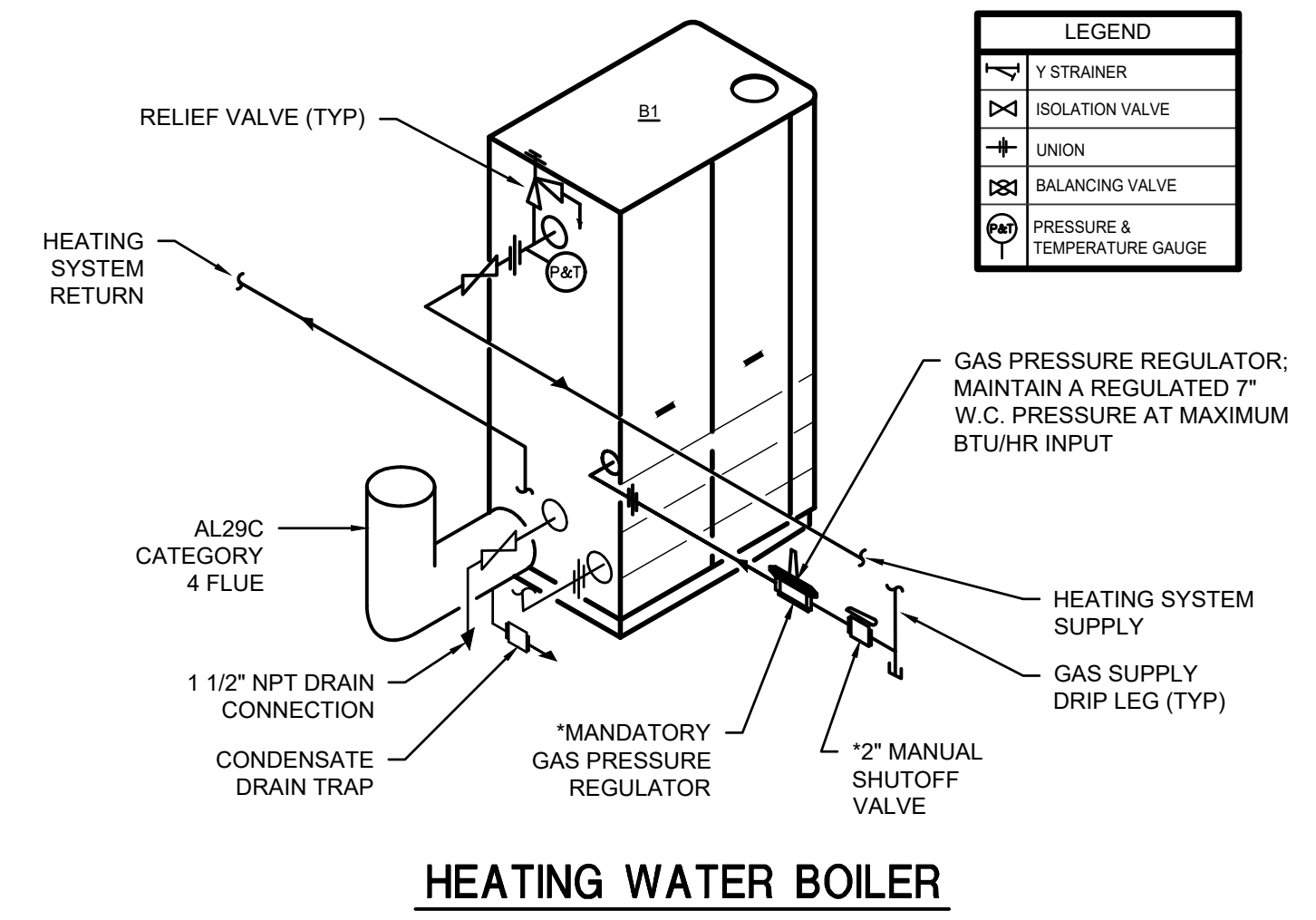
**HEATING WATER SYSTEM FLOW DIAGRAM**  
NOT TO SCALE



**HYDRONIC COIL CONNECTION (3-WAY)**  
NOT TO SCALE

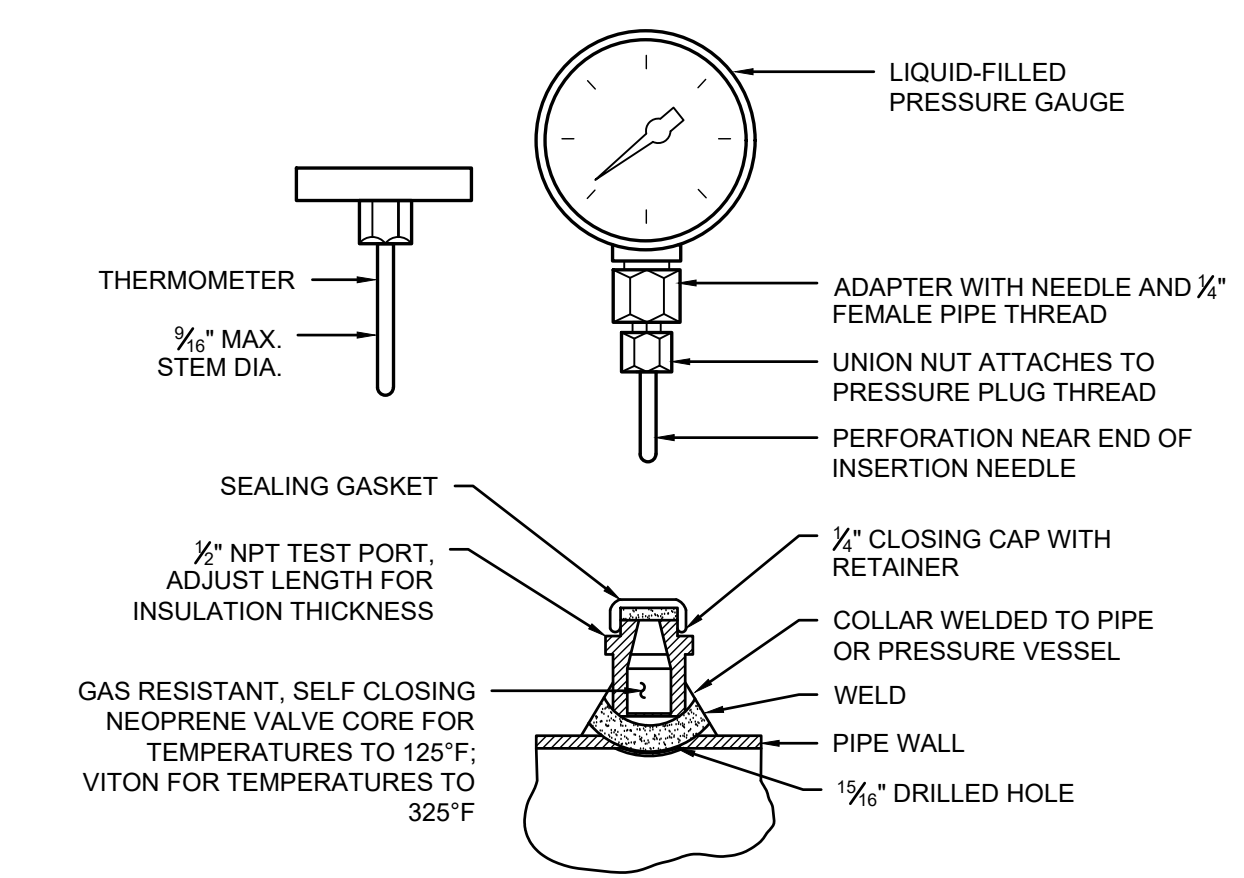


**AUTOMATIC AIR VENT**  
NOT TO SCALE

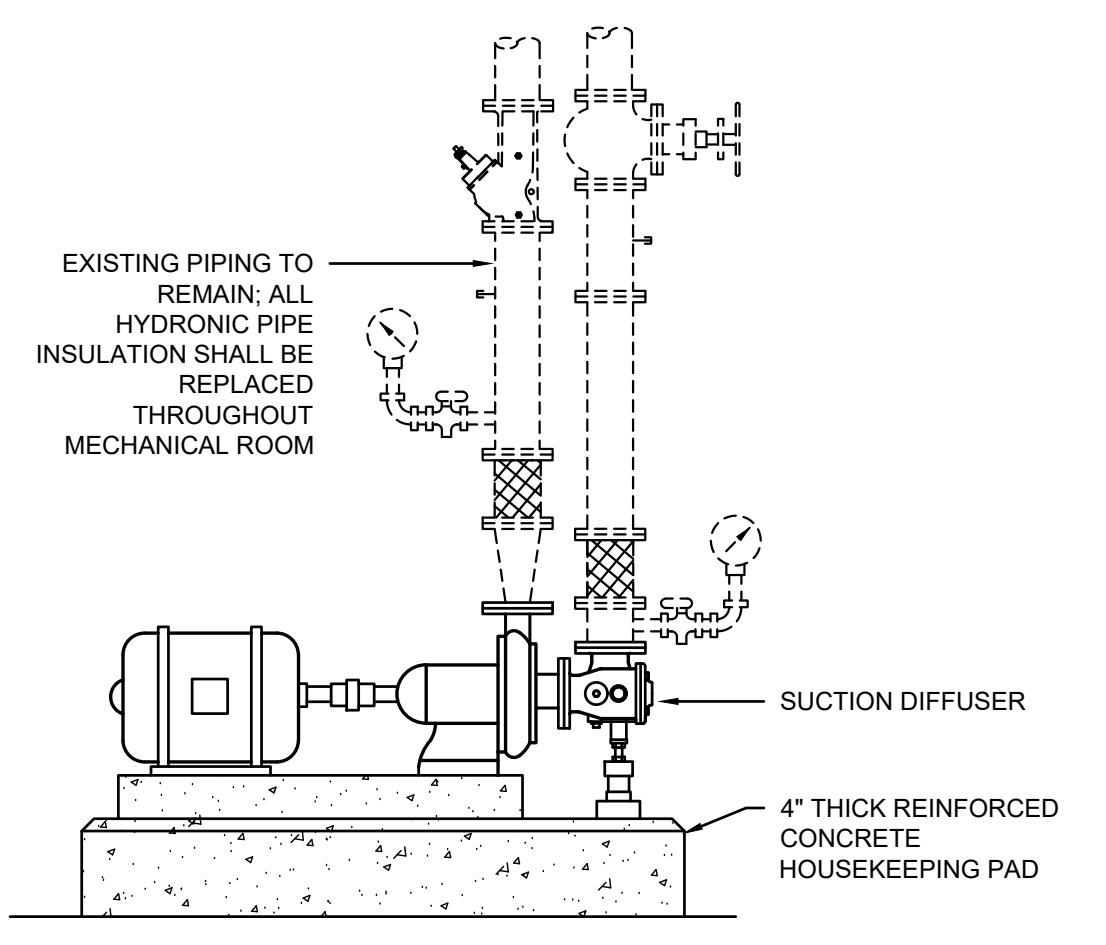


**HEATING WATER BOILER**  
NOT TO SCALE

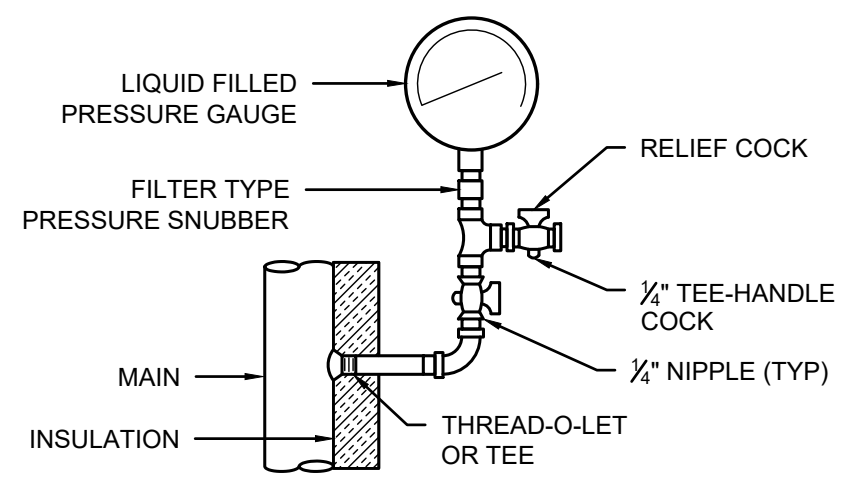
- NOTES:**
- 1) FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE BOILER, SEE MANUFACTURER'S EXACT DIMENSIONAL DRAWINGS.
  - 2) SHELL DRAIN VALVE AND CONDENSATE DRAIN TRAP SHOULD BE ARRANGED TO PERMIT THE FLUIDS TO DRAIN FREELY, BY GRAVITY, TO A CONVENIENT FLOOR DRAIN. RELIEF VALVE SHOULD BE PIPED VERTICALLY TO A HEIGHT 18" ABOVE FLOOR.
  - 3) ALL (1) ITEMS ARE INCLUDED SEPARATELY IN SHIPMENT FROM FACTORY.
  - 4) LOCATE WATER INLET AND OUTLET FITTINGS (i.e. UNIONS, ELBOWS, ETC.) A MINIMUM OF 6" FROM BOILER FITTINGS TO PREVENT INTERFERENCE WITH REMOVAL OF BOILER PANELS AND COVERS. ALL PIPING AND ELECTRIC CONNECTIONS (SERVICE SWITCHES, CONDUIT BOXES) SHOULD LIKEWISE BE 6" AWAY FROM SIDE PANELS.



**TEMPERATURE AND PRESSURE (T/P) TEST PORT**  
NOT TO SCALE



**BASE MOUNTED END SUCTION PUMP**  
NOT TO SCALE



**PRESSURE GAUGE**  
NOT TO SCALE

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3029 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. 35843

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

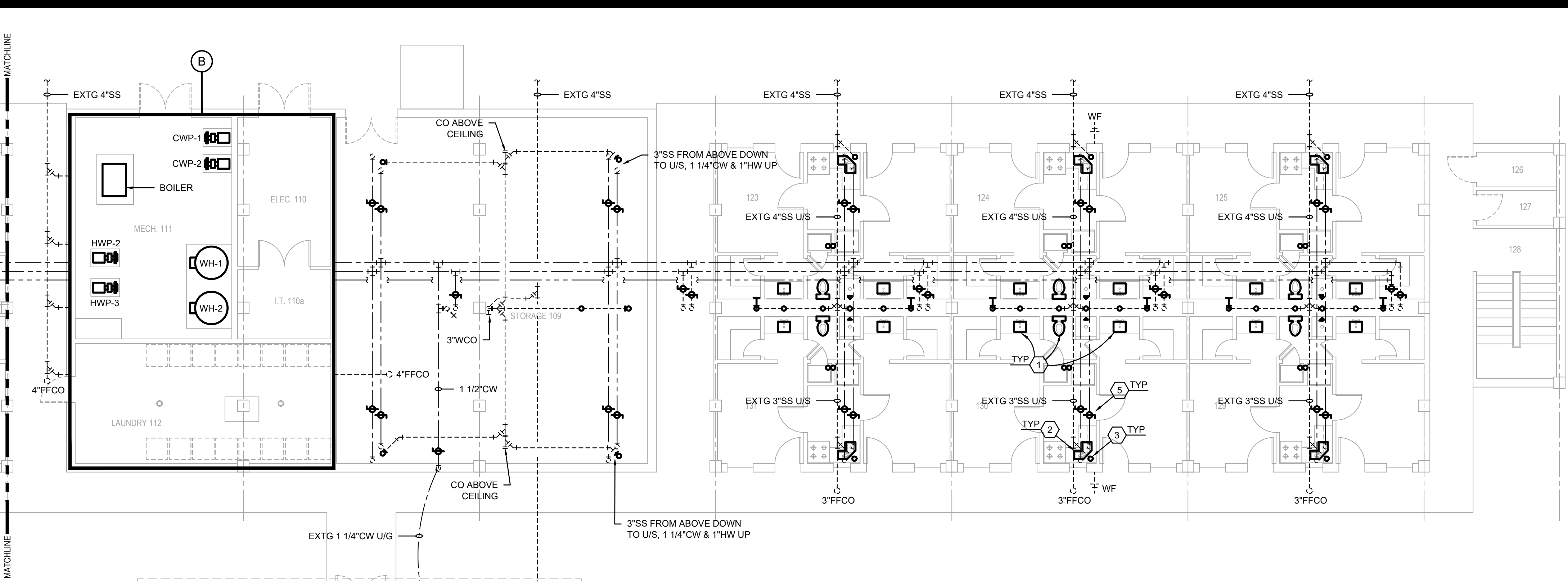


**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

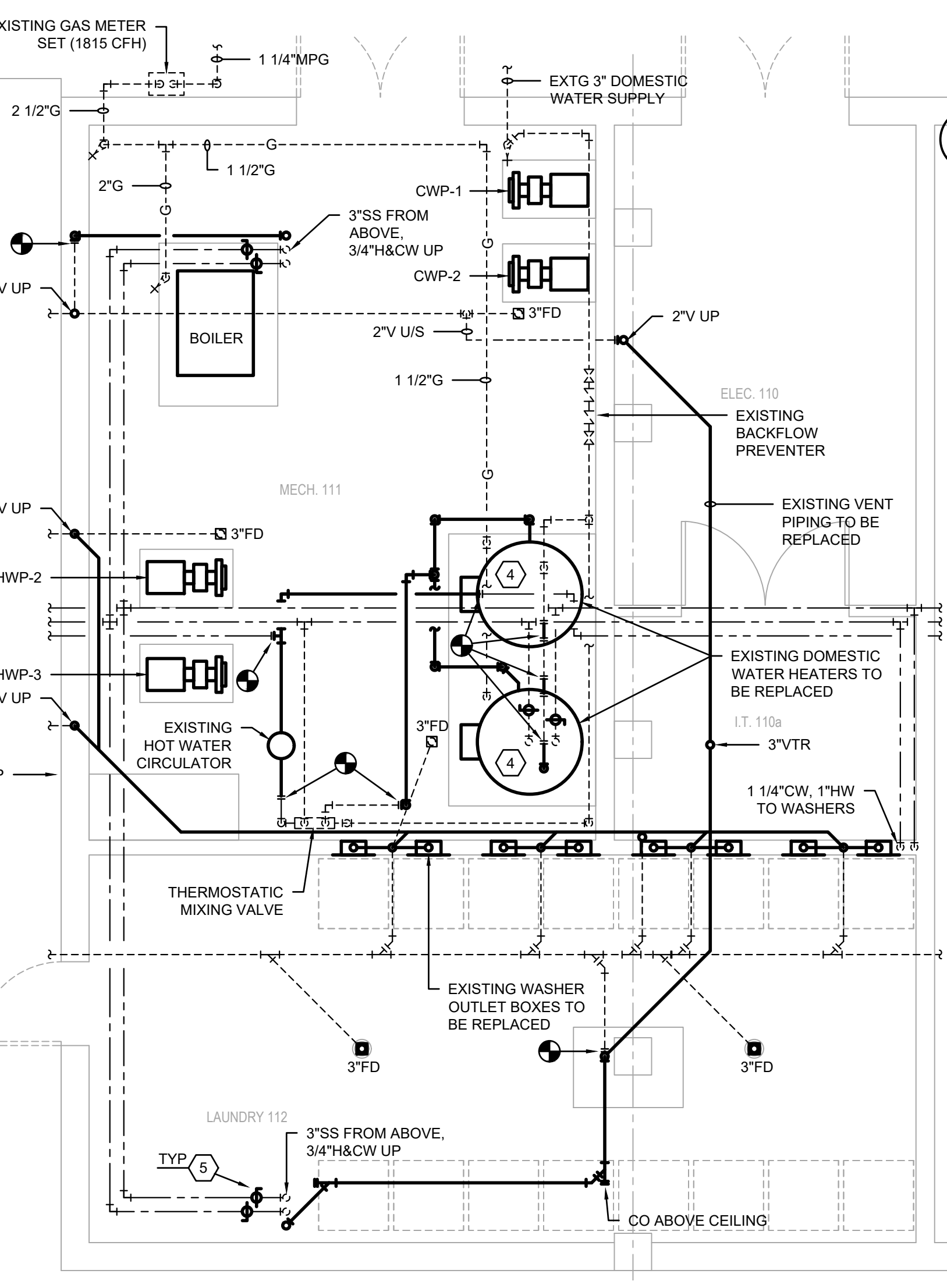
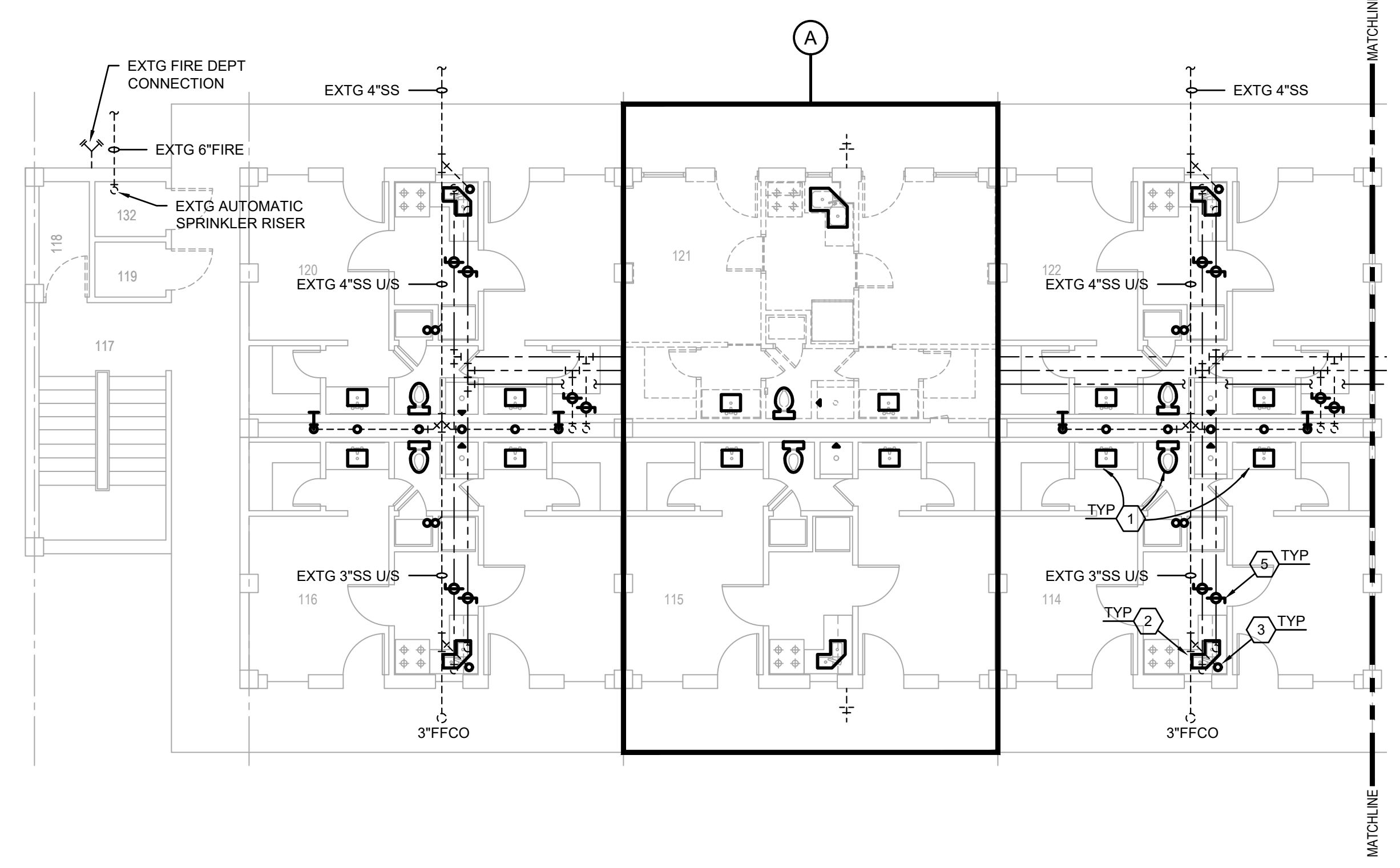
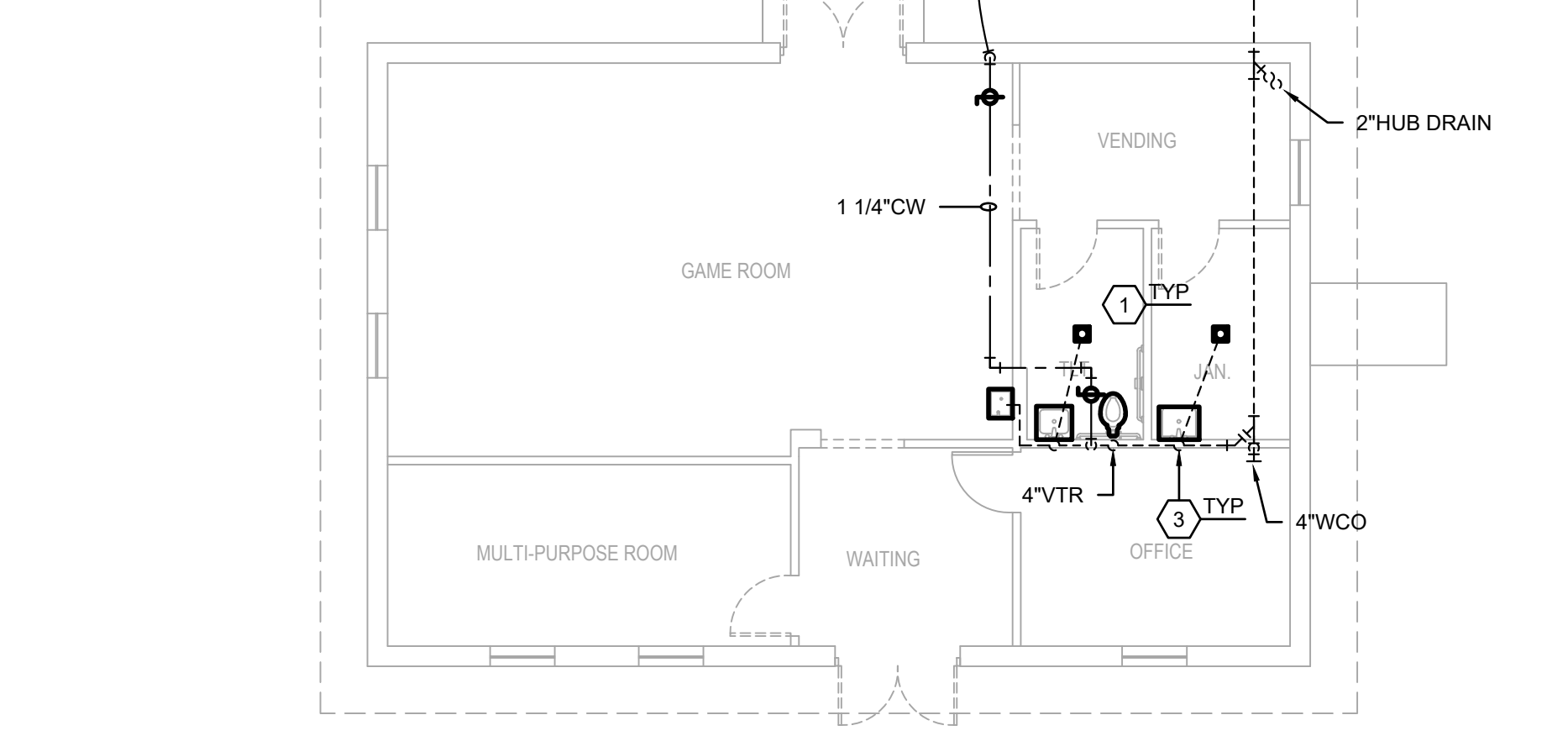
APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

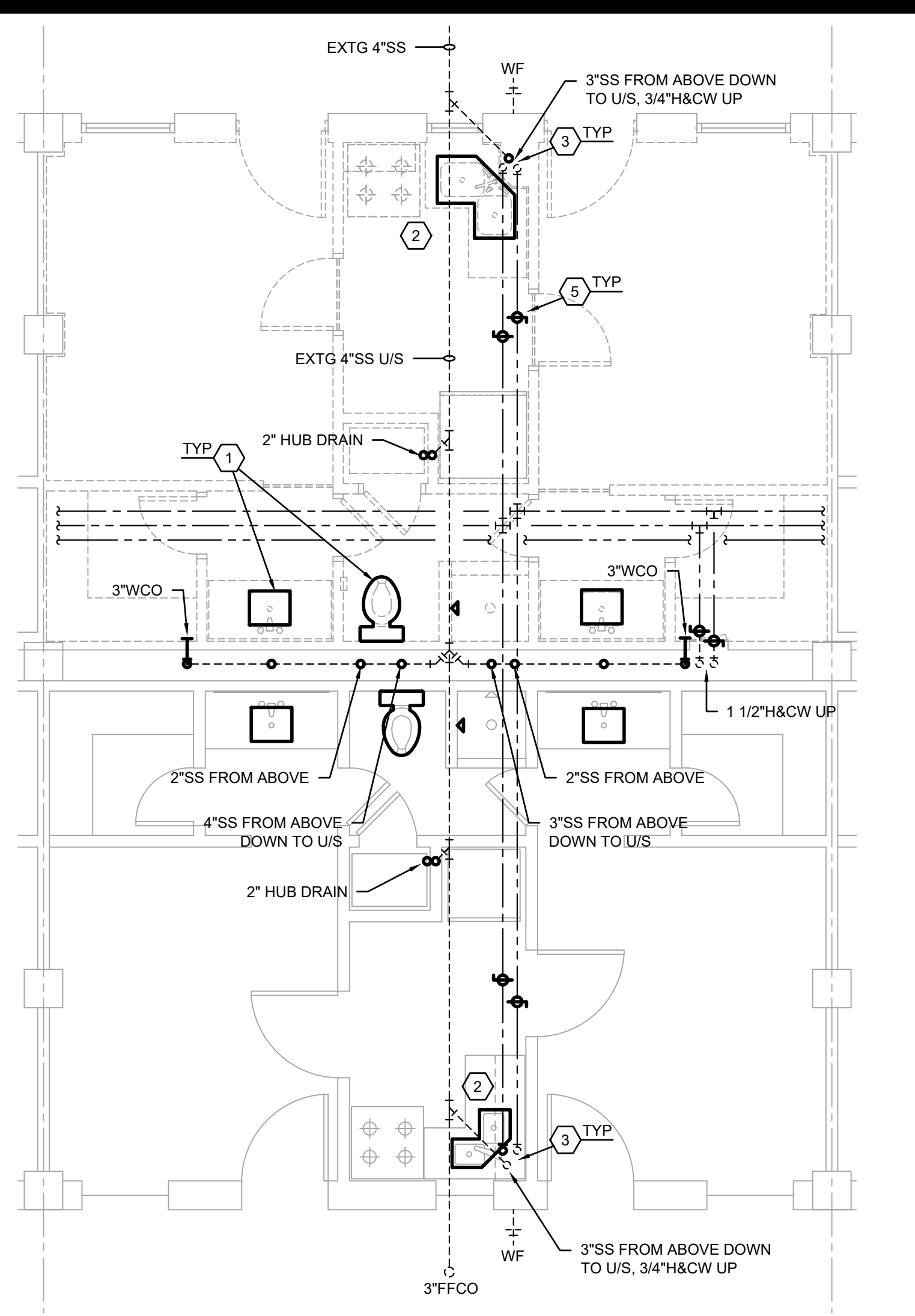
**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-673-9960 FAX: 318-673-9962



**FIRST FLOOR PLUMBING DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



**ENLARGED MECHANICAL & LAUNDRY ROOM DEMOLITION PLAN**  
SCALE: 1/4"=1'-0"



**TYPICAL ENLARGED FIRST FLOOR SUITE PLUMBING DEMOLITION PLAN**  
SCALE: 1/4"=1'-0"

**DEMOLITION LEGEND (PLUMBING ITEMS ONLY)**

	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

**PLUMBING DEMOLITION NOTES:**

1. REMOVE AND LEGALLY DISCARD EXISTING PLUMBING FIXTURE AND ASSOCIATED TRIM. RETAIN EXISTING WASTE/VENT/WATER FIXTURE ROUGH-IN, BRANCH PIPING, AND/OR STUB-OUTS FOR REUSE IN CONJUNCTION WITH THE RENOVATION.
2. EXISTING GARBAGE DISPOSAL AND ASSOCIATED PIPING CONNECTIONS TO BE REPLACED.
3. EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR. PRIOR TO ANY DEMOLITION, NEW CONSTRUCTION, ROUGH-INS, OR CONNECTIONS, PLUMBING LINES SHALL BE THOROUGHLY FLUSHED, INSPECTED, AND TESTED FOR FLOW TO NEAREST MAIN AND/OR MANHOLE. PROVIDE VIDEO AND RESULTS TO BOTH BAFF AND MECHANICAL DESIGN ENGINEER.
4. REMOVE AND LEGALLY DISCARD EXISTING 250 GAL WATER HEATERS. RETAIN EXISTING PIPING FOR REUSE IN CONJUNCTION WITH THE RENOVATION.
5. CONTRACTOR SHALL REPLACE ALL DOMESTIC WATER ISOLATION VALVES.

ALL EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR.

ALL EXISTING DOMESTIC WATER PIPE INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.

ADD AND RELOCATE FIRE SPRINKLERS IN ACCORDANCE WITH NFPA 13 LATEST EDITION AND UFC 3-600-01. **ALL EXPOSED SPRINKLER HEADS SHALL BE REPLACED WITH FULLY RECESSED HEADS.** CONTRACTOR SHALL FIELD SURVEY THE EXISTING FIRE SPRINKLER SYSTEM TO DETERMINE THE REQUIRED WORK. THE EXISTING FIRE SUPPRESSION SYSTEM SHOULD BE EVALUATED TO ENSURE IT MEETS CURRENT REQUIREMENTS (I.E. HEADS SPACING, COVERAGE AREA, ETC), ALL NECESSARY DESIGN, MATERIAL, AND LABOR TO BE INCLUDED IN THE CONTRACTORS BID TO OBTAIN APPROVAL OF AHJ; SPRINKLER CONTRACTOR MUST PROVIDE FPE REVIEW AND SEAL OF SHOP DRAWINGS.

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
PHONE: 318-425-7402 FAX: 318-425-4622  
WWW.AFJMC.COM

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. 35843

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**FIRST FLOOR PLUMBING DEMOLITION PLAN**

SHEET PD1.1 OF 10P

PROJECT TITLE  
REPAIR DORM BOLD B4351

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
OPP. NO. 1086485

Facility Number  
B4351

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.





**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-425-9960 FAX: 318-425-9962

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**SECOND FLOOR PLUMBING DEMOLITION PLAN**

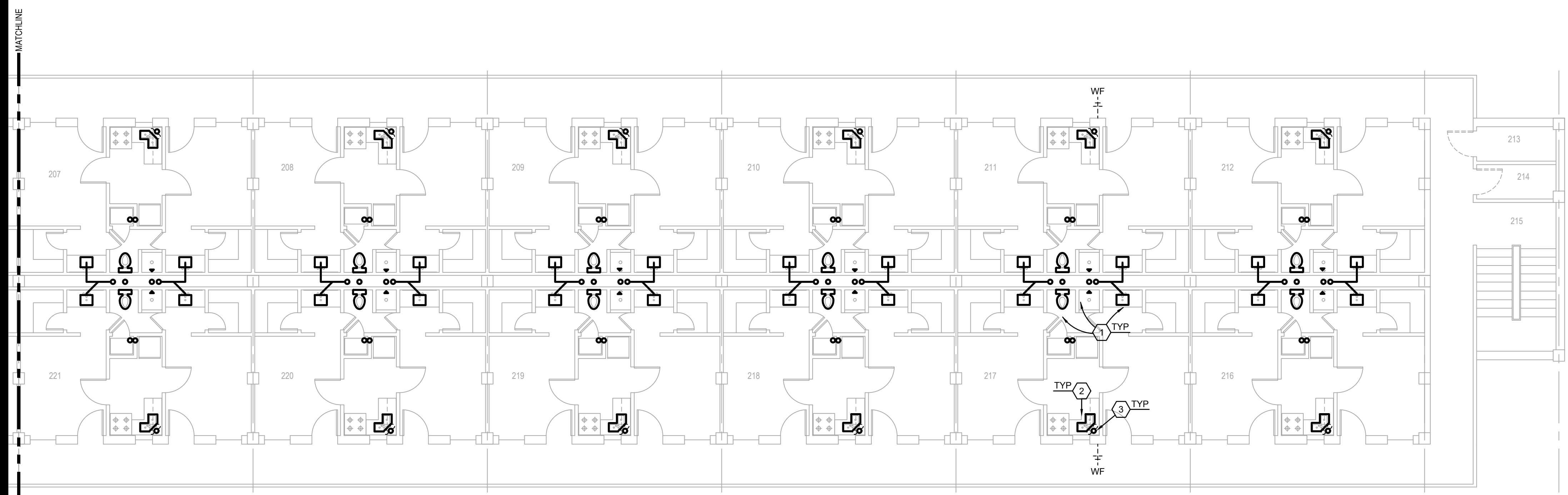
SHEET PD1.2 OF 10P

PROJECT TITLE  
REPAIR DORM BOLA  
B4351

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
OPP. NO. 1086485

Drawing Number  
Facility Number  
B4351

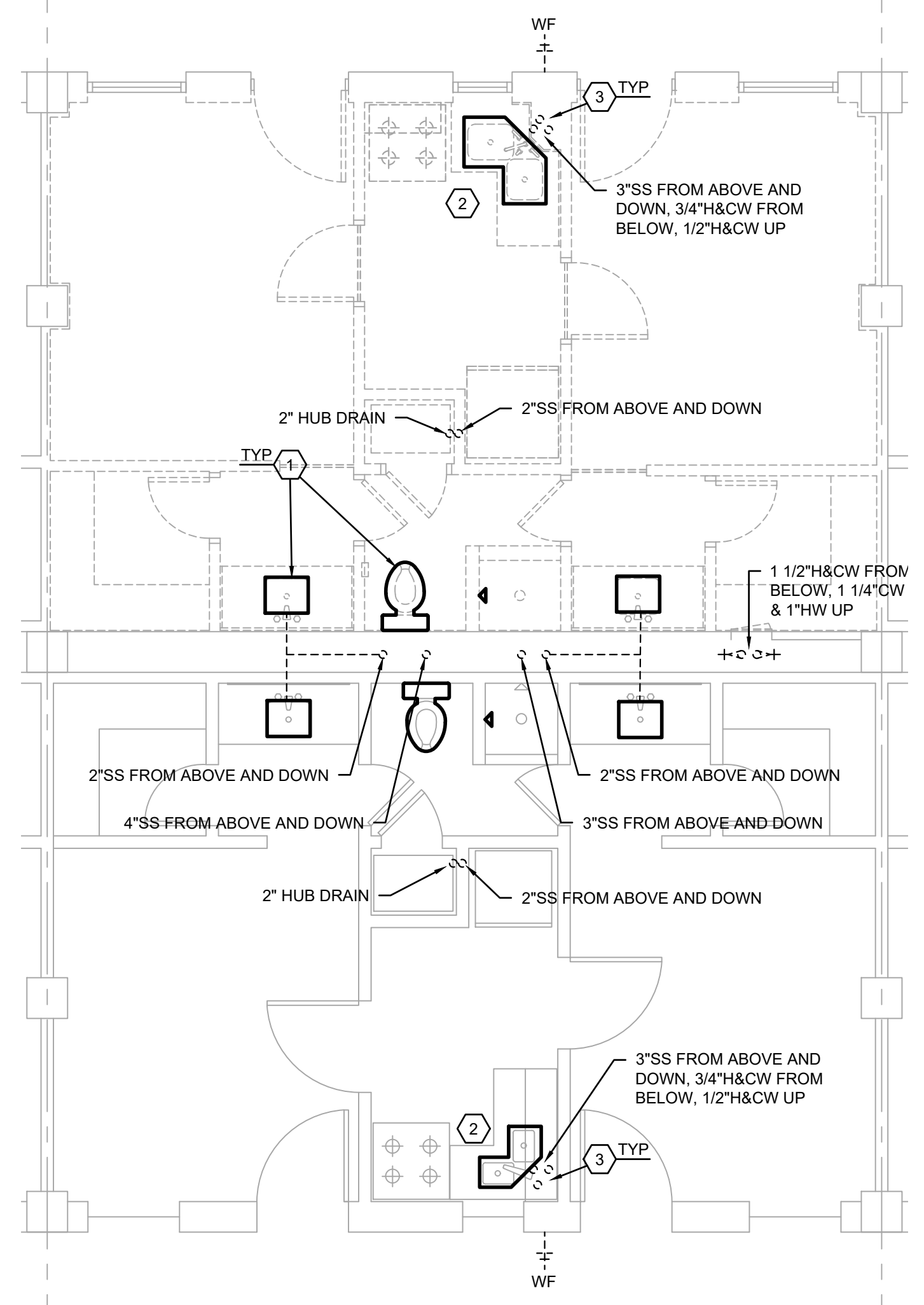


**SECOND FLOOR PLUMBING DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"

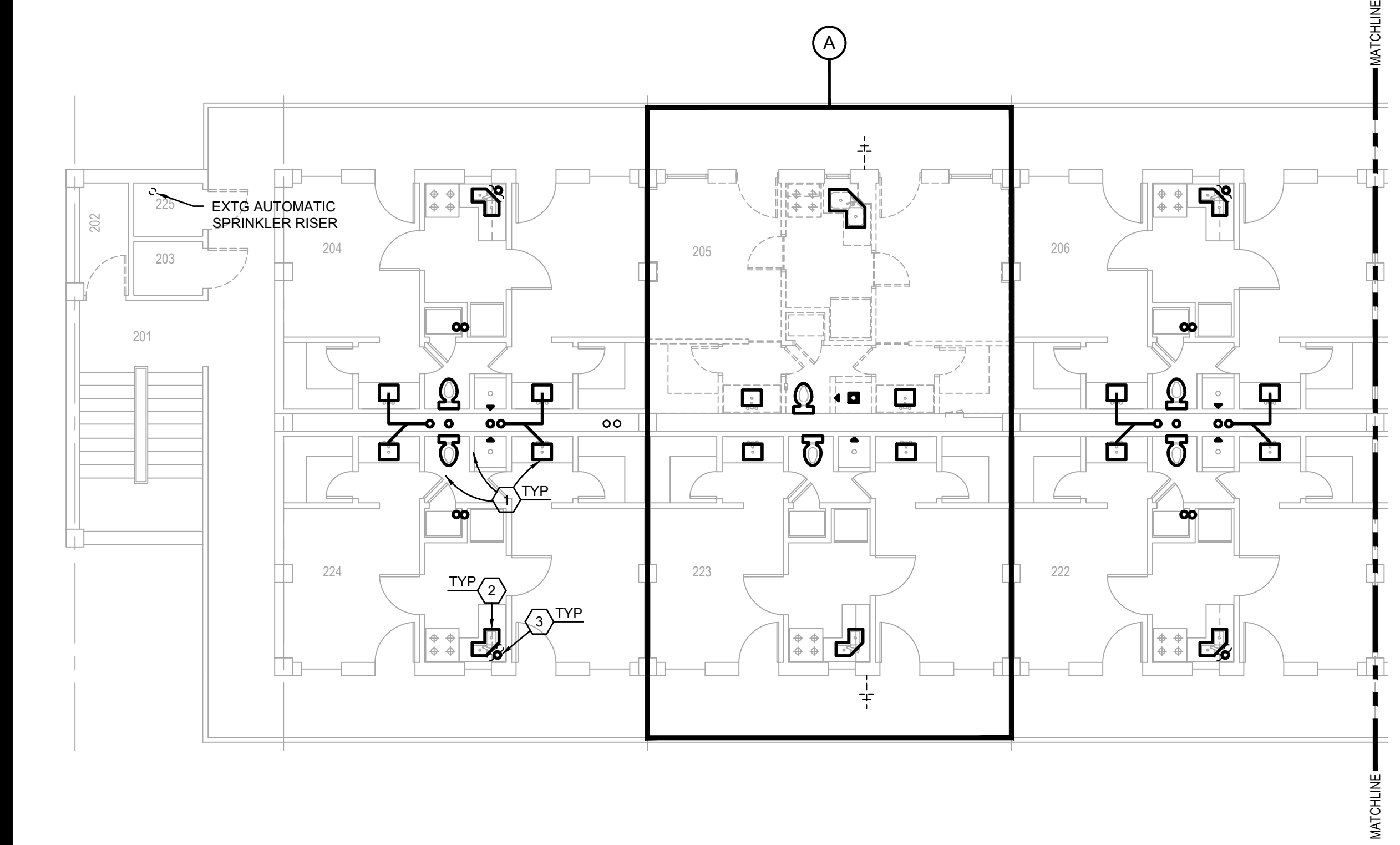
DEMOLITION LEGEND (PLUMBING ITEMS ONLY)	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

**PLUMBING DEMOLITION NOTES:**

1. REMOVE AND LEGALLY DISCARD EXISTING PLUMBING FIXTURE AND ASSOCIATED TRIM. RETAIN EXISTING WASTE AND WATER FIXTURE ROUGH-IN, BRANCH PIPING, AND/OR STUB-OUTS FOR REUSE IN CONJUNCTION WITH THE RENOVATION.
2. EXISTING GARBAGE DISPOSAL AND ASSOCIATED PIPING CONNECTIONS TO BE REPLACED.
3. EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR. PRIOR TO ANY DEMOLITION, NEW CONSTRUCTION, ROUGH-INS, OR CONNECTIONS, PLUMBING LINES SHALL BE THOROUGHLY FLUSHED, INSPECTED, AND TESTED FOR FLOW TO NEAREST MAIN AND/OR MANHOLE. PROVIDE VIDEO AND RESULTS TO BOTH BAFB AND MECHANICAL DESIGN ENGINEER.



**TYPICAL ENLARGED SECOND FLOOR SUITE PLUMBING DEMOLITION PLAN**  
SCALE: 1/4" = 1'-0"



ADD AND RELOCATE FIRE SPRINKLERS IN ACCORDANCE WITH NFPA 13 LATEST EDITION AND UFC 3-600-01. ALL EXPOSED SPRINKLER HEADS SHALL BE REPLACED WITH FULLY RECESSED HEADS. CONTRACTOR SHALL FIELD SURVEY THE EXISTING FIRE SPRINKLER SYSTEM TO DETERMINE THE REQUIRED WORK. THE EXISTING FIRE SUPPRESSION SYSTEM SHOULD BE EVALUATED TO ENSURE IT MEETS CURRENT REQUIREMENTS (I.E. HEADS SPACING, COVERAGE AREA, ETC). ALL NECESSARY DESIGN, MATERIAL, AND LABOR TO BE INCLUDED IN THE CONTRACTORS BID TO OBTAIN APPROVAL OF AHJ; SPRINKLER CONTRACTOR MUST PROVIDE FPE REVIEW AND SEAL OF SHOP DRAWINGS.

ALL EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR.

ALL EXISTING DOMESTIC WATER PIPE INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. 35843

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-673-9960 FAX: 318-673-9922

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**THIRD FLOOR PLUMBING DEMOLITION PLAN**

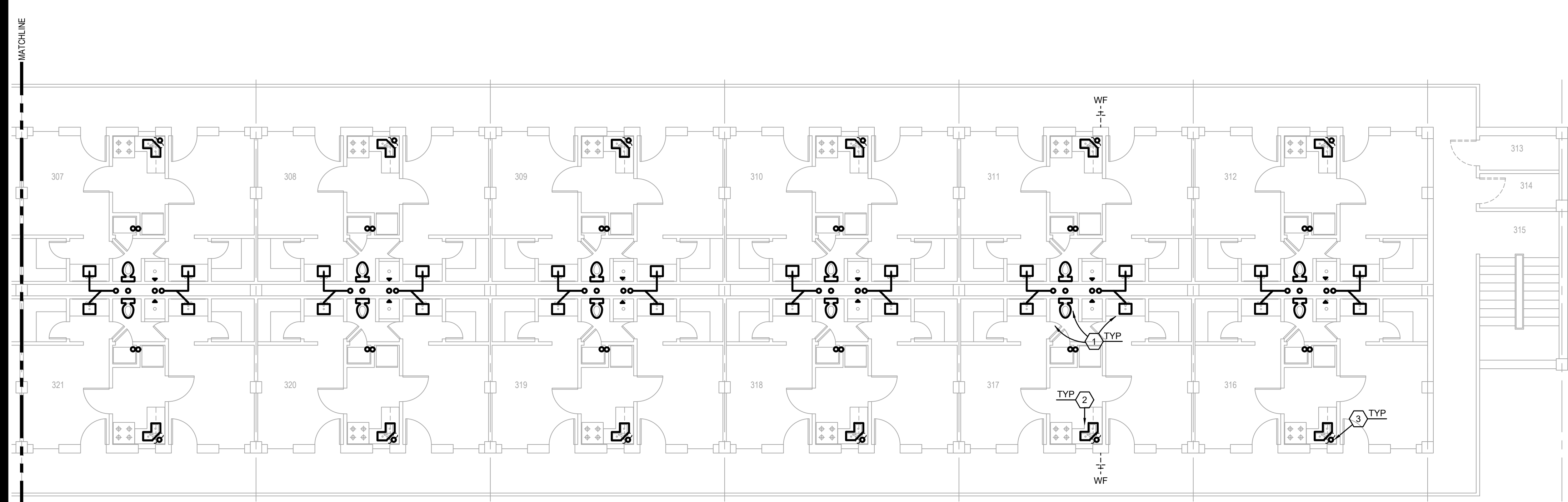
SHEET PD1.3 OF 10P

PROJECT TITLE  
REPAIR DORM BULO  
B4351

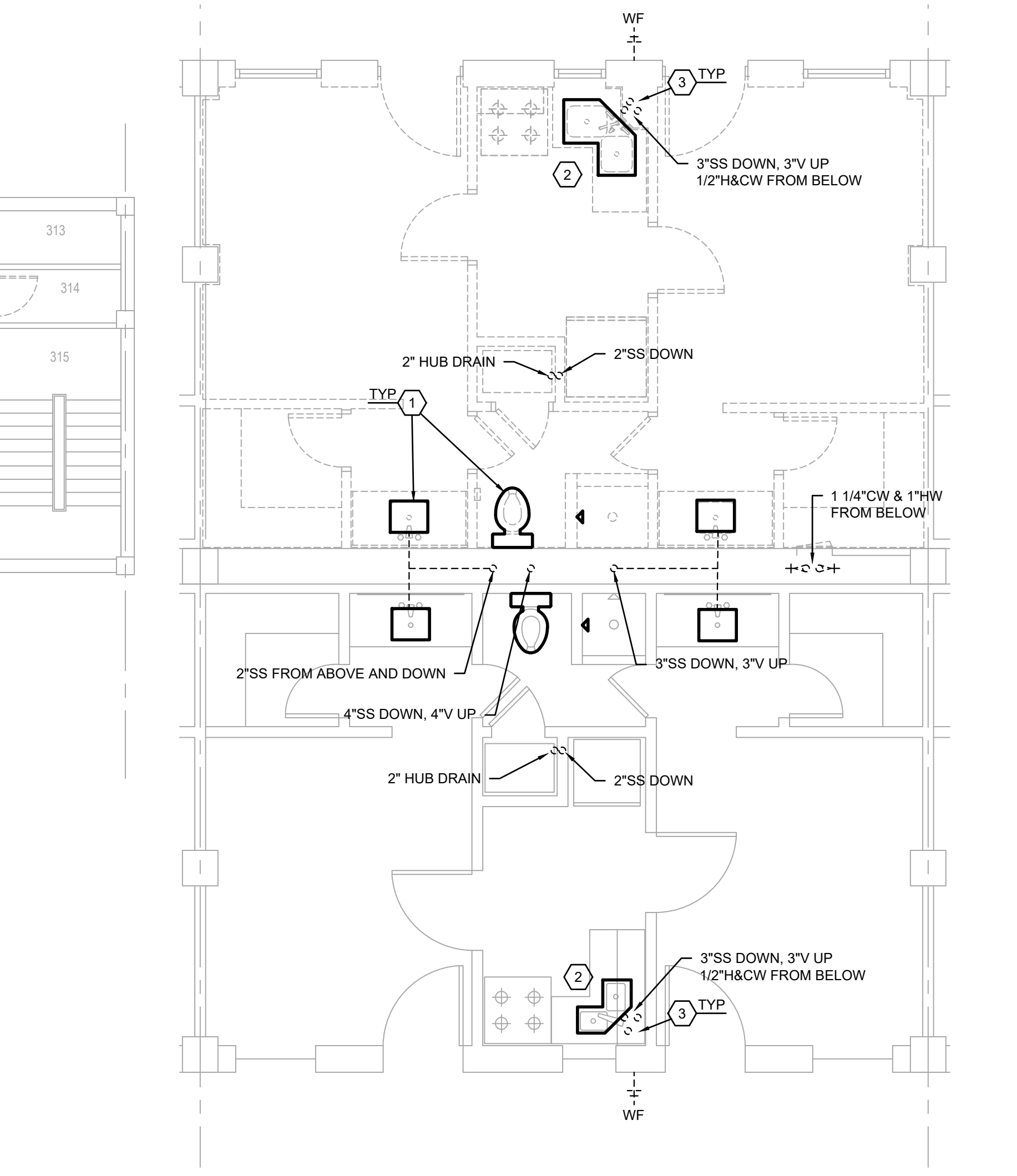
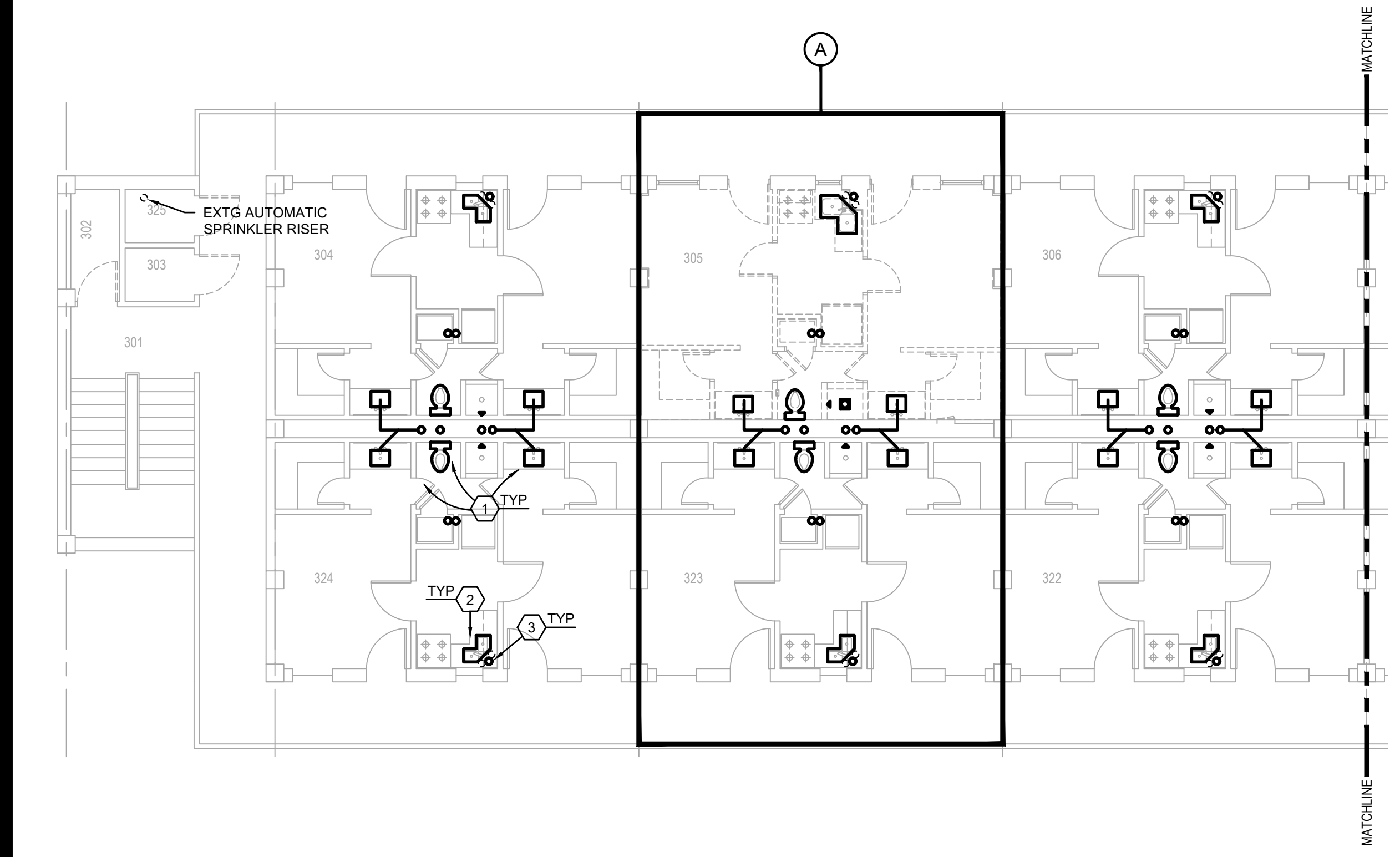
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
OPP. NO. 1086485

Drawing Number  
Facility Number  
B4351



**THIRD FLOOR PLUMBING DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



**A TYPICAL ENLARGED SECOND FLOOR SUITE PLUMBING DEMOLITION PLAN**  
SCALE: 1/4" = 1'-0"

DEMOLITION LEGEND (PLUMBING ITEMS ONLY)	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

- PLUMBING DEMOLITION NOTES:**
1. REMOVE AND LEGALLY DISCARD EXISTING PLUMBING FIXTURE AND ASSOCIATED TRIM. RETAIN EXISTING WASTE/VENT/WATER FIXTURE ROUGH-IN, BRANCH PIPING, AND/OR STUB-OUTS FOR REUSE IN CONJUNCTION WITH THE RENOVATION.
  2. EXISTING GARBAGE DISPOSAL AND ASSOCIATED PIPING CONNECTIONS TO BE REPLACED.
  3. EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR. PRIOR TO ANY DEMOLITION, NEW CONSTRUCTION, ROUGH-INS, OR CONNECTIONS, PLUMBING LINES SHALL BE THOROUGHLY FLUSHED, INSPECTED, AND TESTED FOR FLOW TO NEAREST MAIN AND/OR MANHOLE. PROVIDE VIDEO AND RESULTS TO BOTH BABF AND MECHANICAL DESIGN ENGINEER.

ALL EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR.

ALL EXISTING DOMESTIC WATER PIPE INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.

ADD AND RELOCATE FIRE SPRINKLERS IN ACCORDANCE WITH NFPA 13 LATEST EDITION AND UFC 3-600-01. ALL EXPOSED SPRINKLER HEADS SHALL BE REPLACED WITH FULLY RECESSED HEADS. CONTRACTOR SHALL FIELD SURVEY THE EXISTING FIRE SPRINKLER SYSTEM TO DETERMINE THE REQUIRED WORK. THE EXISTING FIRE SUPPRESSION SYSTEM SHOULD BE EVALUATED TO ENSURE IT MEETS CURRENT REQUIREMENTS (I.E. HEADS SPACING, COVERAGE AREA, ETC). ALL NECESSARY DESIGN, MATERIAL, AND LABOR TO BE INCLUDED IN THE CONTRACTORS BID TO OBTAIN APPROVAL OF AHJ; SPRINKLER CONTRACTOR MUST PROVIDE FPE REVIEW AND SEAL OF SHOP DRAWINGS.

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
PHONE: 318-425-7402 FAX: 318-425-4622  
WWW.AFJMC.COM

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. 35843

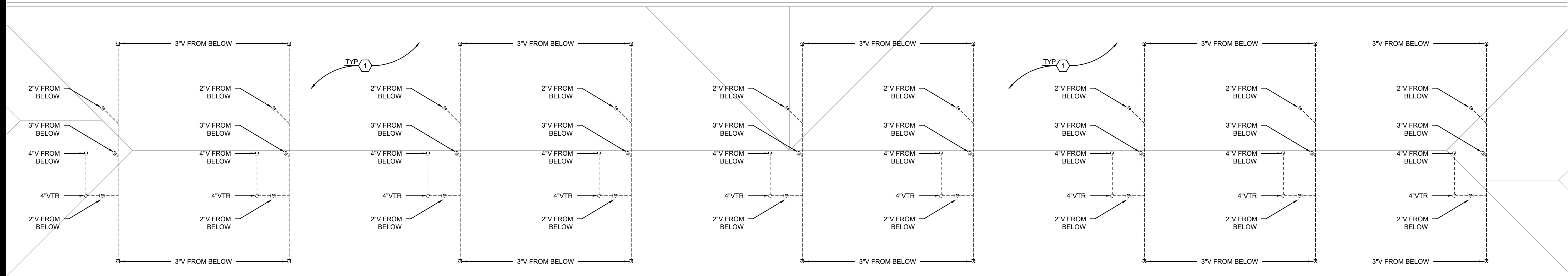
THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



**ATTIC PLUMBING DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"

DEMOLITION LEGEND (PLUMBING ITEMS ONLY)	
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

**PLUMBING DEMOLITION NOTES:**

1. EXISTING SCHEDULE 40 PVC VENT PIPING IN ATTIC SPACE TO REMAIN; REPLACE CAST IRON WASTE/VENT STACKS AT ATTIC FLOOR PENETRATIONS.

ALL EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR.

ALL EXISTING DOMESTIC WATER PIPE INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.

ADD AND RELOCATE FIRE SPRINKLERS IN ACCORDANCE WITH NFPA 13 LATEST EDITION AND UFC 3-600-01. ALL EXPOSED SPRINKLER HEADS SHALL BE REPLACED WITH FULLY RECESSED HEADS. CONTRACTOR SHALL FIELD SURVEY THE EXISTING FIRE SPRINKLER SYSTEM TO DETERMINE THE REQUIRED WORK. THE EXISTING FIRE SUPPRESSION SYSTEM SHOULD BE EVALUATED TO ENSURE IT MEETS CURRENT REQUIREMENTS (I.E. HEADS SPACING, COVERAGE AREA, ETC). ALL NECESSARY DESIGN, MATERIAL, AND LABOR TO BE INCLUDED IN THE CONTRACTORS BID TO OBTAIN APPROVAL OF AHJ; SPRINKLER CONTRACTOR MUST PROVIDE FPE REVIEW AND SEAL OF SHOP DRAWINGS.

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.RFJ&C.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

PROJECT TITLE  
REPAIR DORM BOLA  
B4351

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

DESIGN FIRM

kevin bryan architect  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9960 FAX: 318-475-9922

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**ATTIC PLUMBING  
DEMOLITION PLAN**

SHEET **PD1.4** OF **10P**

PROJECT TITLE  
REPAIR DORM BOLA  
B4351

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

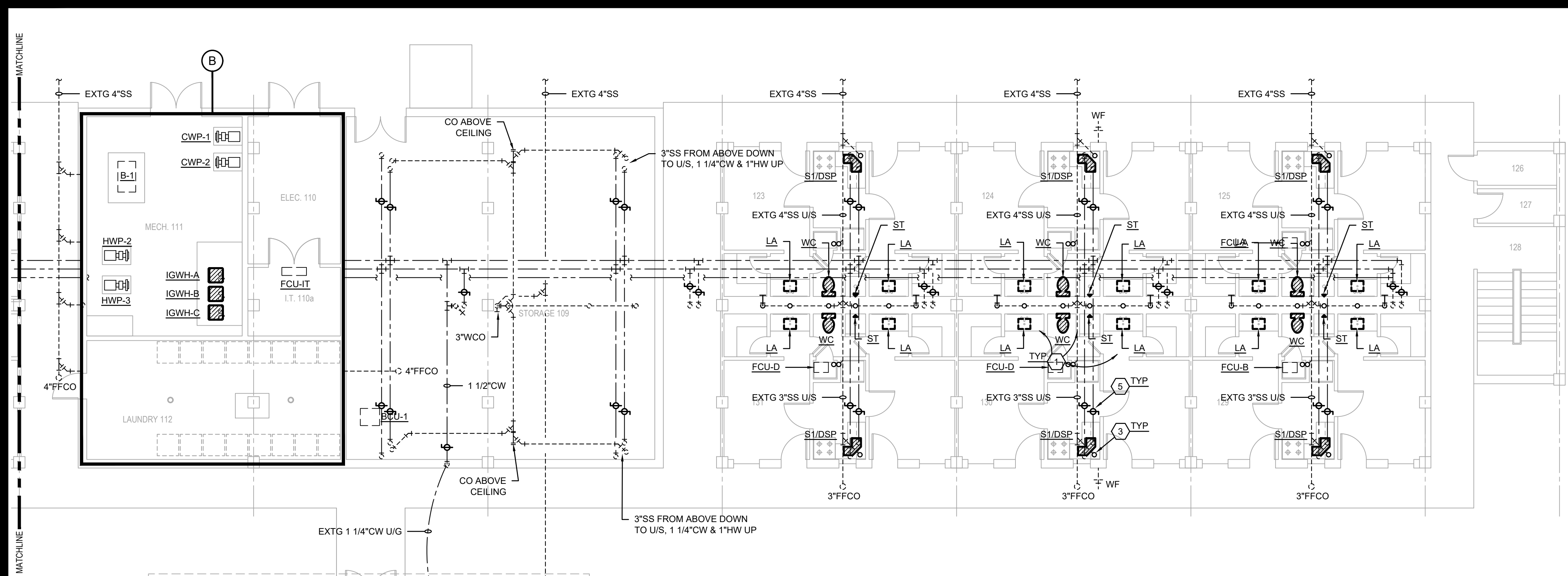




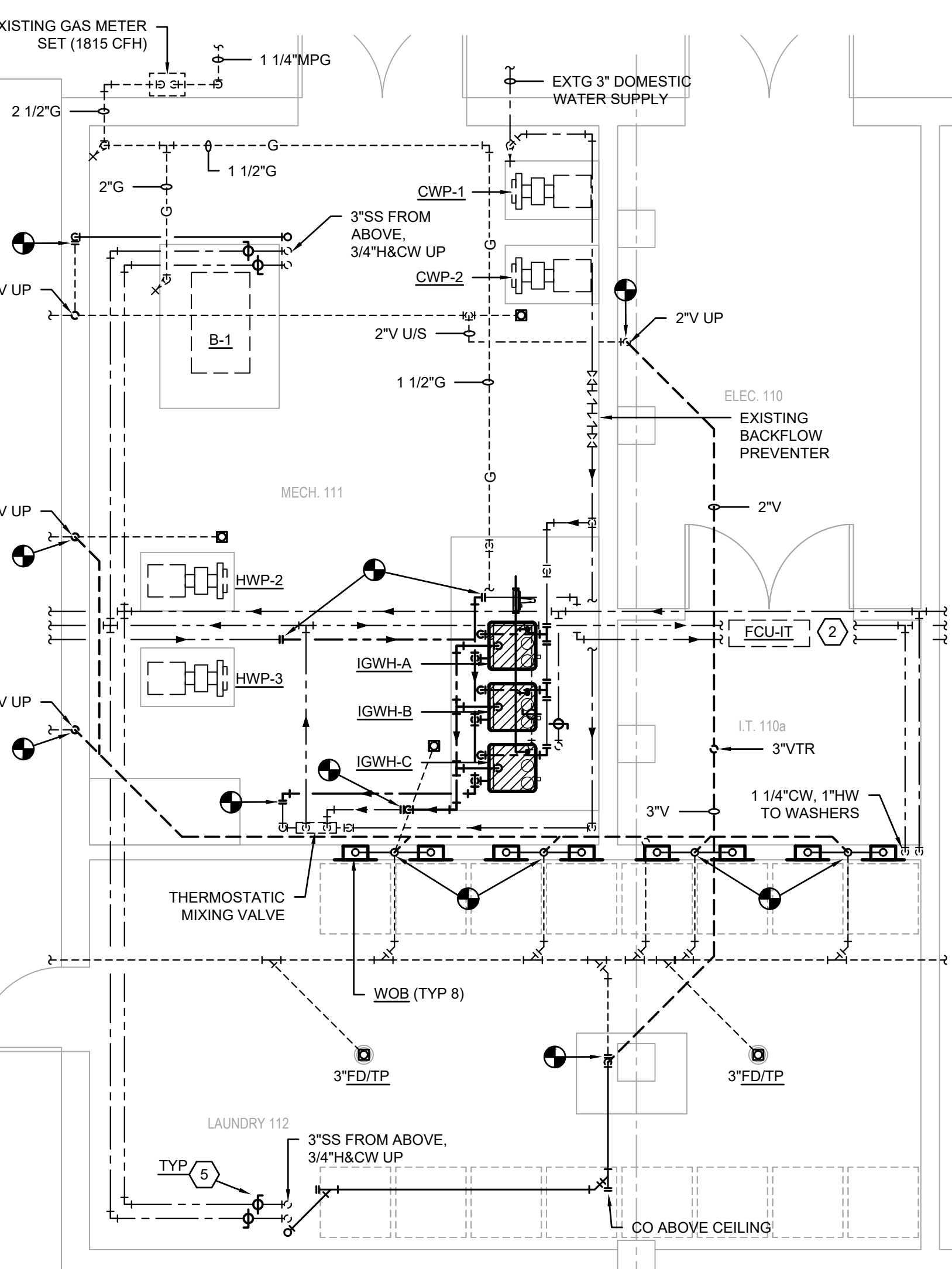
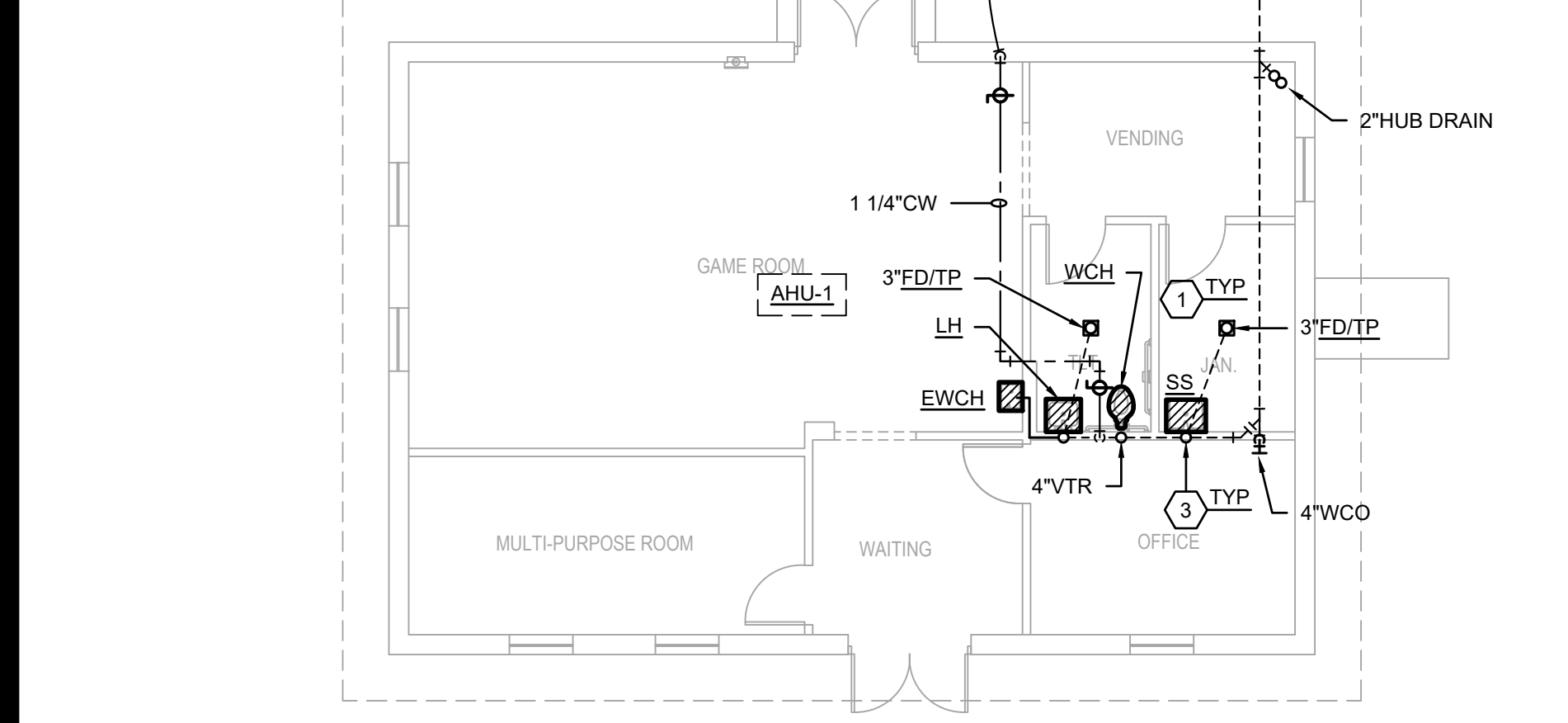
**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

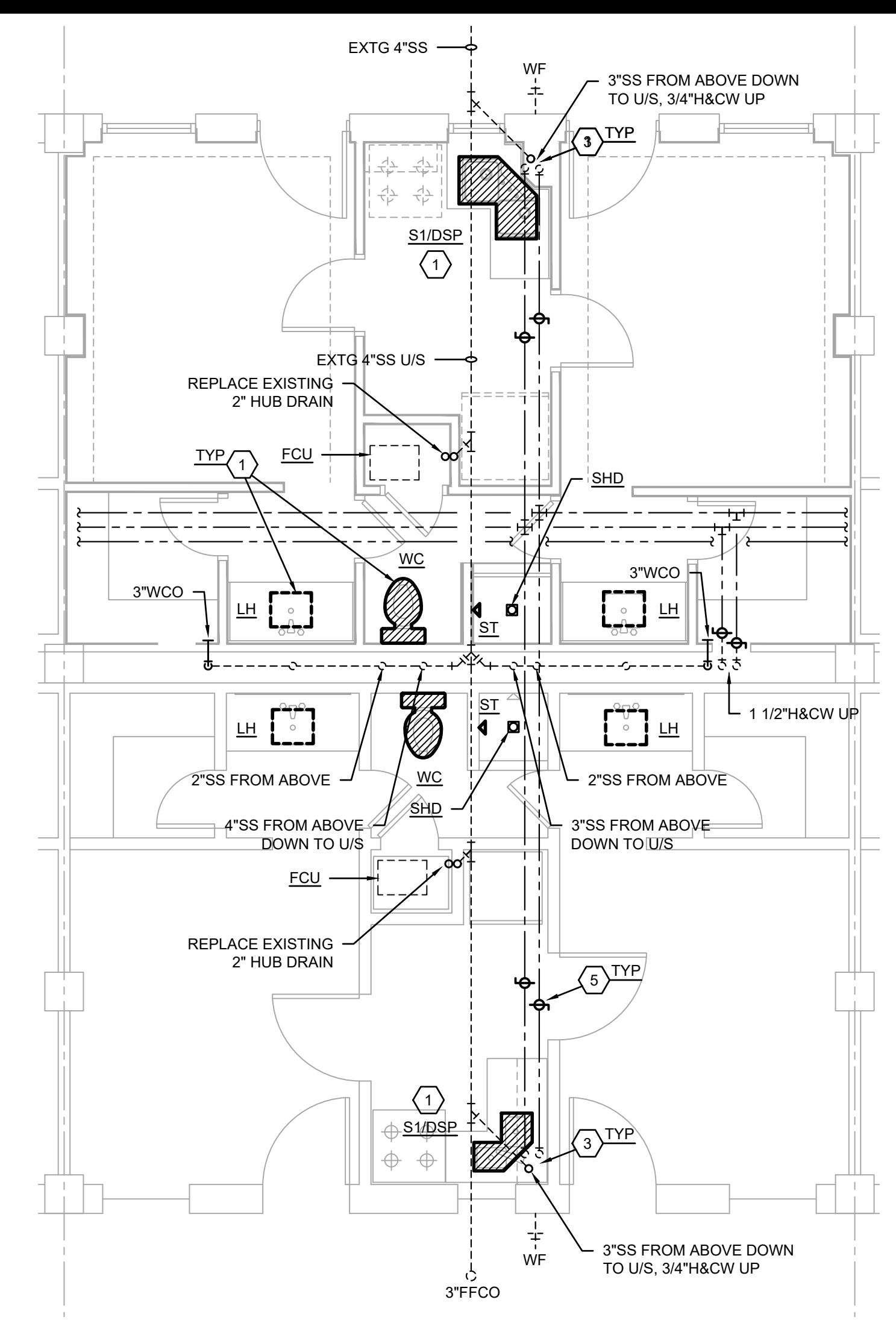
DESIGN FIRM  
**KBA**  
kevin bryan architect  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK: 318-673-9960 FAX: 318-673-9962



**FIRST FLOOR PLUMBING PLAN**  
SCALE: 1/8"=1'-0"



**ENLARGED MECHANICAL & LAUNDRY ROOM DEMOLITION PLAN**  
SCALE: 1/2"=1'-0"



**TYPICAL ENLARGED FIRST FLOOR SUITE PLUMBING PLAN**  
SCALE: 1/4"=1'-0"

LEGEND (PLUMBING ITEMS ONLY)	
	EXISTING TO REMAIN
	NEW WORK

- PLUMBING NOTES:**
- CONNECT NEW PLUMBING FIXTURES TO EXISTING WASTE/VENT/WATER FIXTURE ROUGH-IN, BRANCH PIPING, AND/OR STUB-OUTS. PROVIDE NEW WAX RING FOR WATER CLOSET.
  - CONDENSATE PIPING SHALL BE ROUTED WITHIN WALL WITH BACK UNIT CONNECTIONS. EXPOSED CONDENSATE PIPING TO HAVE METAL JACKETED INSULATION. ROUTE 3/4" CONDENSATE TO EXISTING HVAC CLOSET; TERMINATE CONDENSATE OPEN-SITE AT EXISTING FLOOR DRAIN.
  - EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR. PRIOR TO ANY DEMOLITION, NEW CONSTRUCTION, ROUGH-INS, OR CONNECTIONS, PLUMBING LINES SHALL BE THOROUGHLY FLUSHED, INSPECTED, AND TESTED FOR FLOW TO NEAREST MAIN AND/OR MANHOLE. PROVIDE VIDEO AND RESULTS TO BOTH BAFB AND MECHANICAL DESIGN ENGINEER.
  - CONTRACTOR SHALL REPLACE ALL DOMESTIC WATER ISOLATION VALVES.

ALL EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR.

ALL EXISTING DOMESTIC WATER PIPE INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
PHONE: 318-425-7402 FAX: 318-425-4622  
WWW.AFJMC.COM

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. 35843

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**FIRST FLOOR PLUMBING PLAN**

SHEET **P2.1** OF **10P**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK: 318-673-9960 FAX: 318-673-9962

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**SECOND FLOOR PLUMBING PLAN**

SHEET **P2.2** OF **10P**

PROJECT TITLE  
**REPAIR DORM BOLA B4351**

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

ALL EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR.

ALL EXISTING DOMESTIC WATER PIPE INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.

**PRELIMINARY**

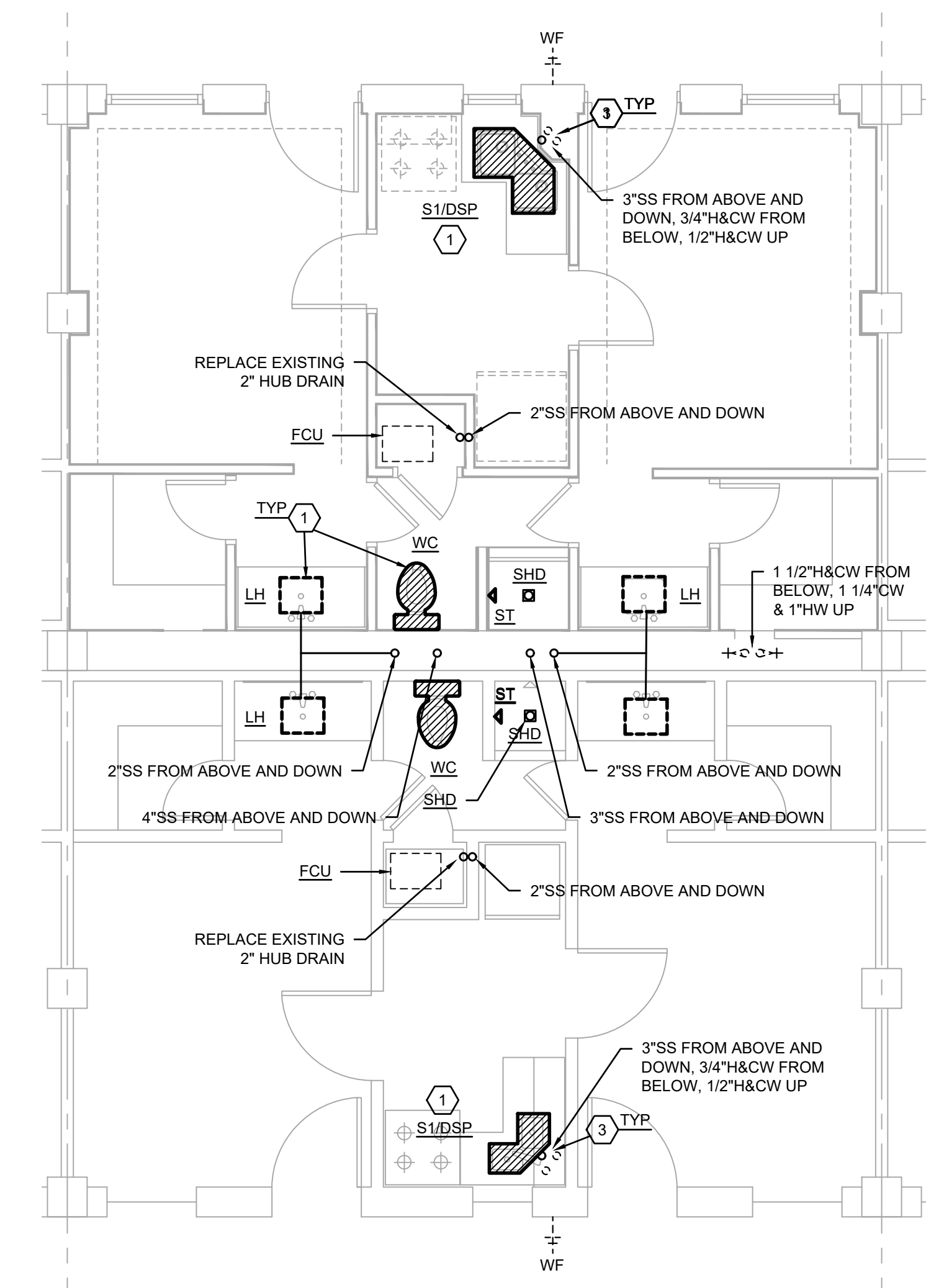
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.af-jbc.com

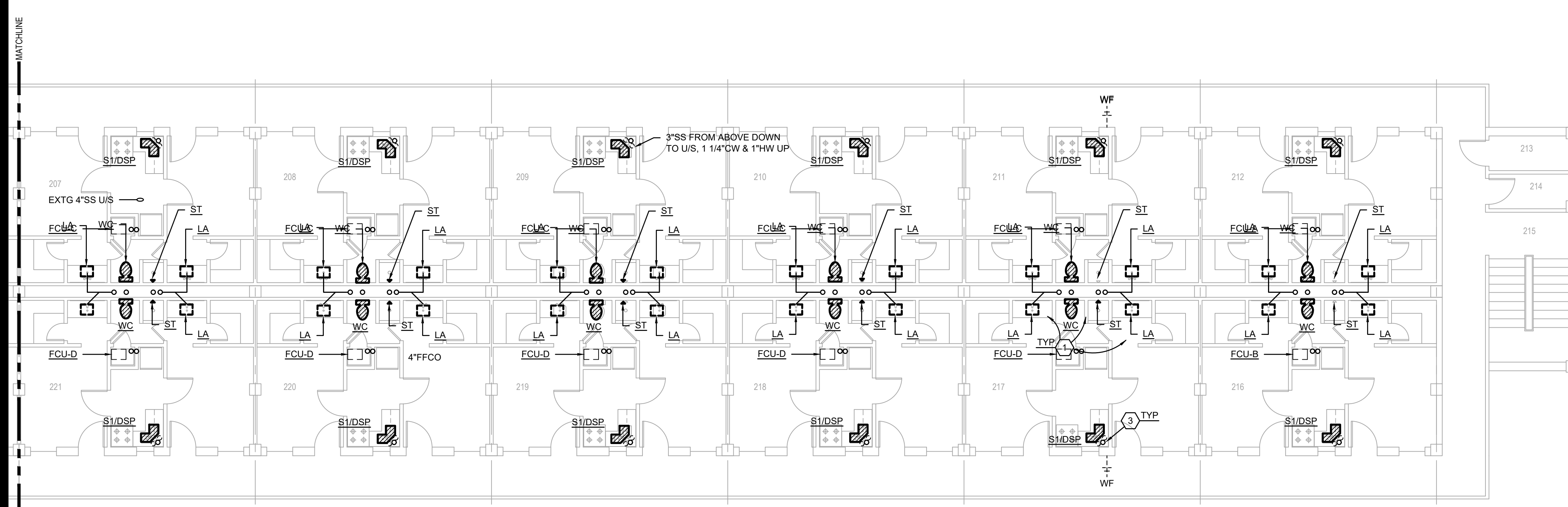
ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-JBC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-JBC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



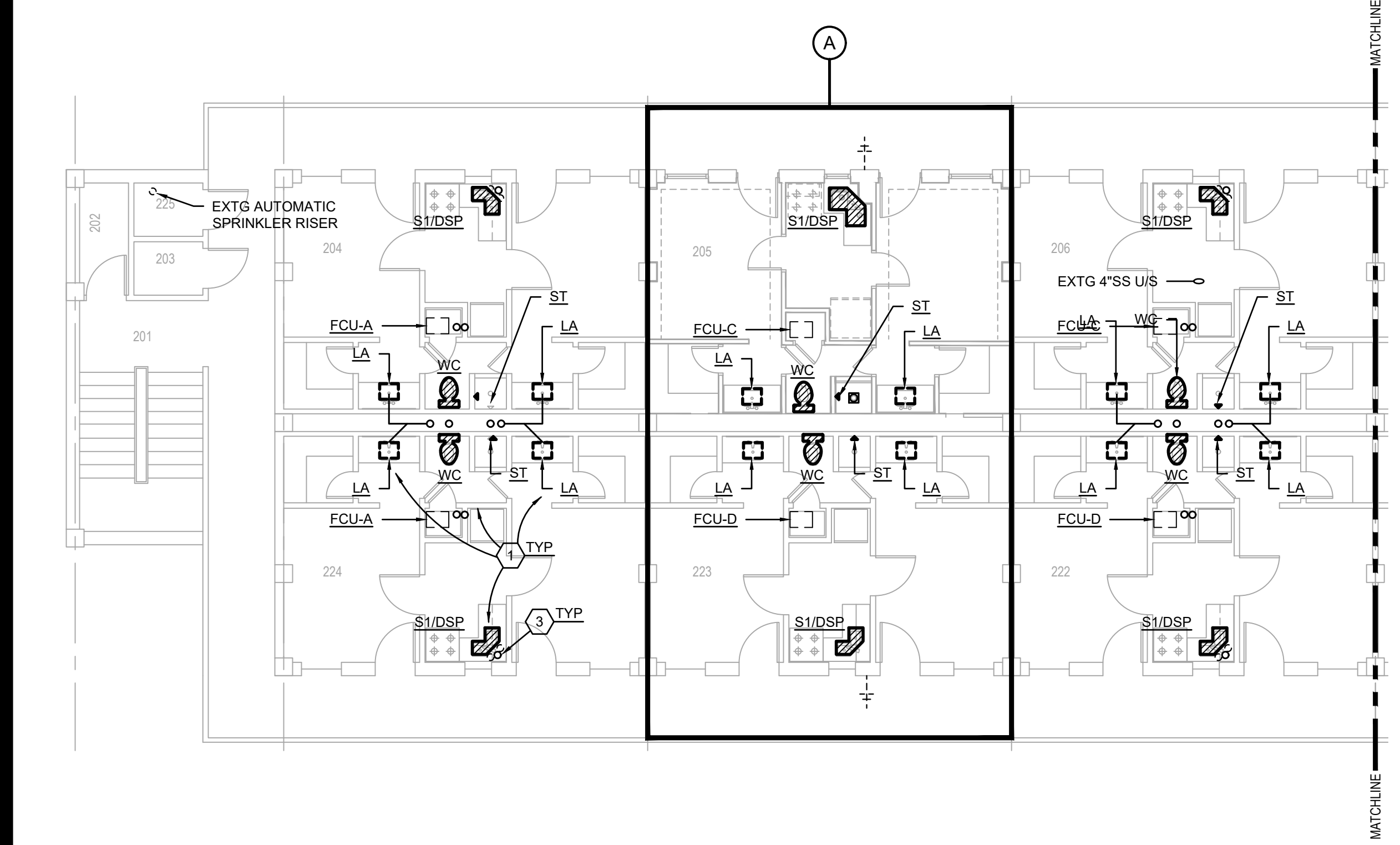
**(A) TYPICAL ENLARGED SECOND FLOOR SUITE PLUMBING PLAN**  
SCALE: 1/4" = 1'-0"



**SECOND FLOOR PLUMBING PLAN**  
SCALE: 1/8"=1'-0"

LEGEND (PLUMBING ITEMS ONLY)	
	EXISTING TO REMAIN
	NEW WORK

- PLUMBING NOTES:**
- CONNECT NEW PLUMBING FIXTURES TO EXISTING WASTE/VENT/WATER FIXTURE ROUGH-IN, BRANCH PIPING, AND/OR STUB-OUTS.
  - CORE DRILL FLOOR AS REQUIRED TO CONNECT NEW WASTE PIPING TO EXISTING WASTE MAIN U/F.
  - CONNECT NEW WATER HEATERS TO EXISTING PIPING. REPAIR/REPLACE PIPING AS REQUIRED.
  - CONDENSATE PIPING SHALL BE ROUTED WITHIN WALL WITH BACK UNIT CONNECTIONS. EXPOSED CONDENSATE PIPING TO HAVE METAL JACKETED INSULATION. ROUTE 3/4" CONDENSATE TO EXISTING HVAC CLOSET; TERMINATE CONDENSATE OPEN-SITE AT EXISTING FLOOR DRAIN.





**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-425-7960 FAX: 318-425-7962

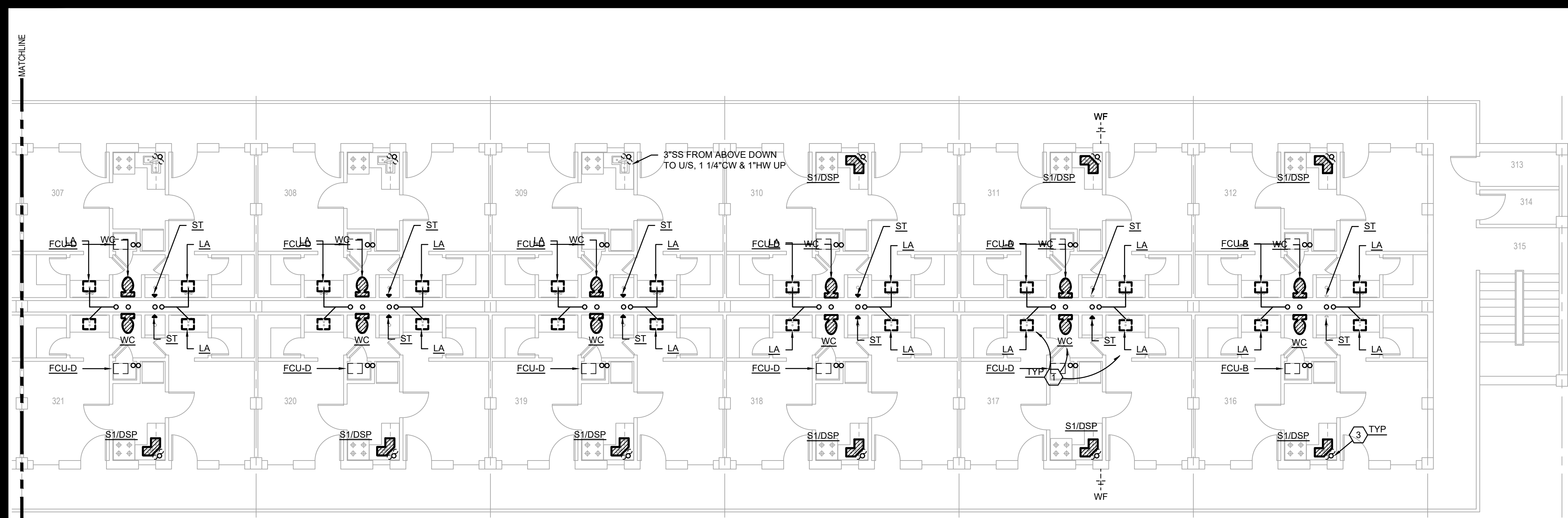
Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

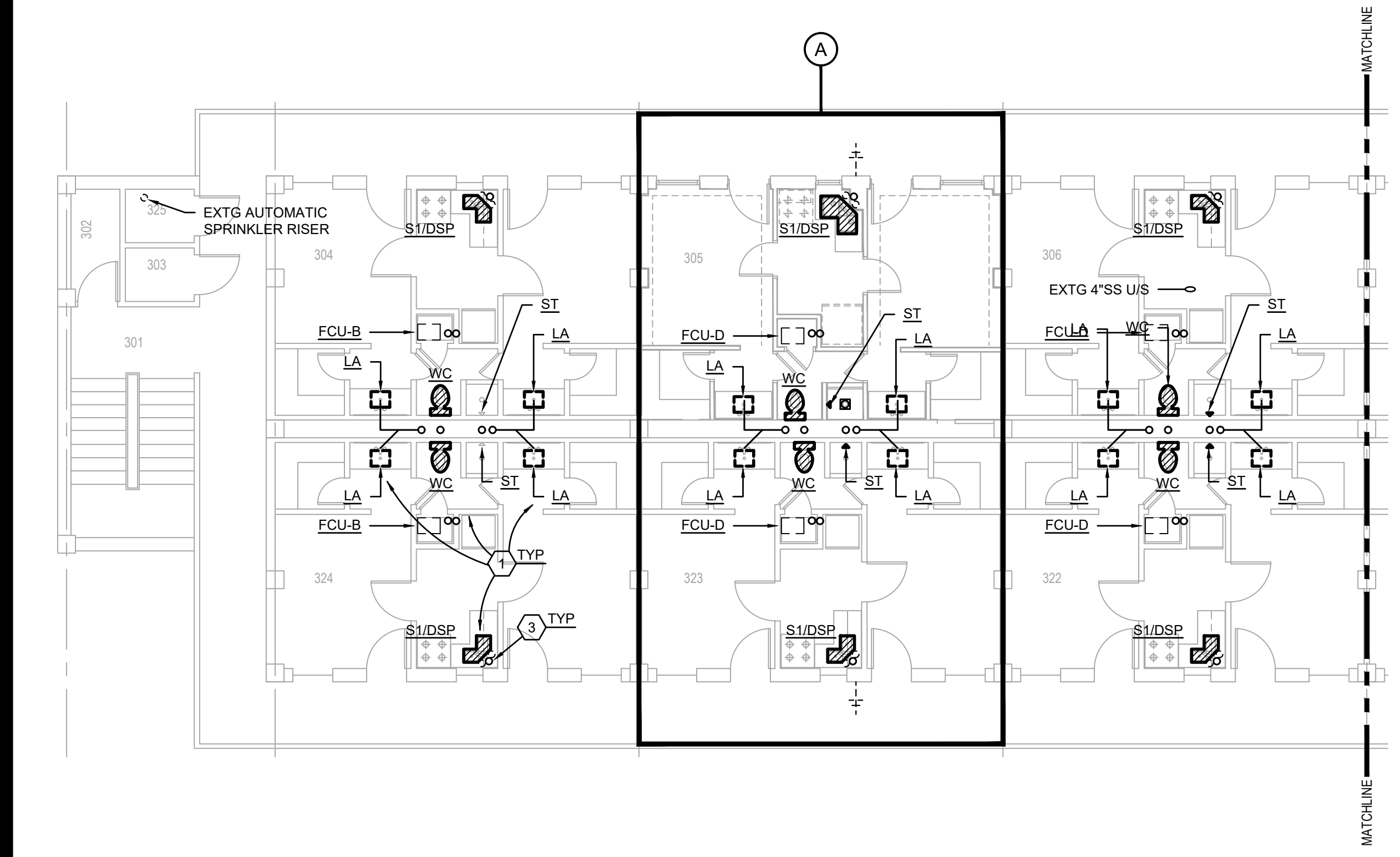
SHEET TITLE  
**THIRD FLOOR PLUMBING PLAN**

SHEET	P2.3	OF	10P
-------	------	----	-----

PROJECT TITLE	REPAIR DORM BULO B4351
BARKSDALE AIR FORCE BASE, LOUISIANA 71110	
Project Number	OPP. NO. 1086485
Drawing Number	Facility Number B4351

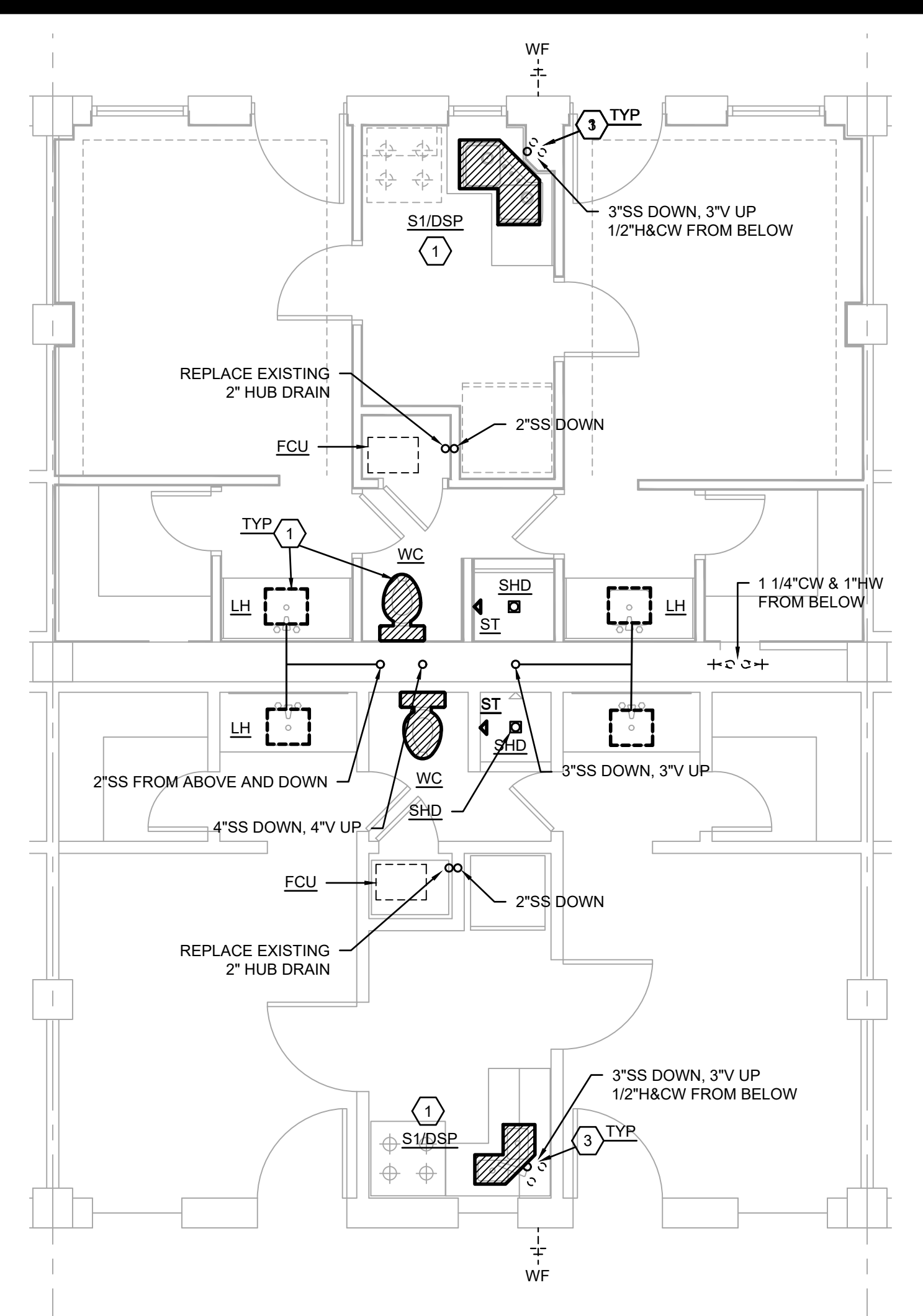


**THIRD FLOOR PLUMBING PLAN**  
SCALE: 1/8"=1'-0"



LEGEND (PLUMBING ITEMS ONLY)	
	EXISTING TO REMAIN
	NEW WORK

- PLUMBING NOTES:**
1. CONNECT NEW PLUMBING FIXTURES TO EXISTING WASTE/VENT/WATER FIXTURE ROUGH-IN, BRANCH PIPING, AND/OR STUB-OUTS.
  2. CORE DRILL FLOOR AS REQUIRED TO CONNECT NEW WASTE PIPING TO EXISTING WASTE MAIN U/F.
  3. CONNECT NEW WATER HEATERS TO EXISTING PIPING. REPAIR/REPLACE PIPING AS REQUIRED.
  4. CONDENSATE PIPING SHALL BE ROUTED WITHIN WALL WITH BACK UNIT CONNECTIONS. EXPOSED CONDENSATE PIPING TO HAVE METAL JACKETED INSULATION. ROUTE 3/4" CONDENSATE TO EXISTING HVAC CLOSET; TERMINATE CONDENSATE OPEN-SITE AT EXISTING FLOOR DRAIN.



**A TYPICAL ENLARGED THIRD FLOOR SUITE PLUMBING PLAN**  
SCALE: 1/4" = 1'-0"

ALL EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR.

ALL EXISTING DOMESTIC WATER PIPE INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.af-jbc.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. 35843

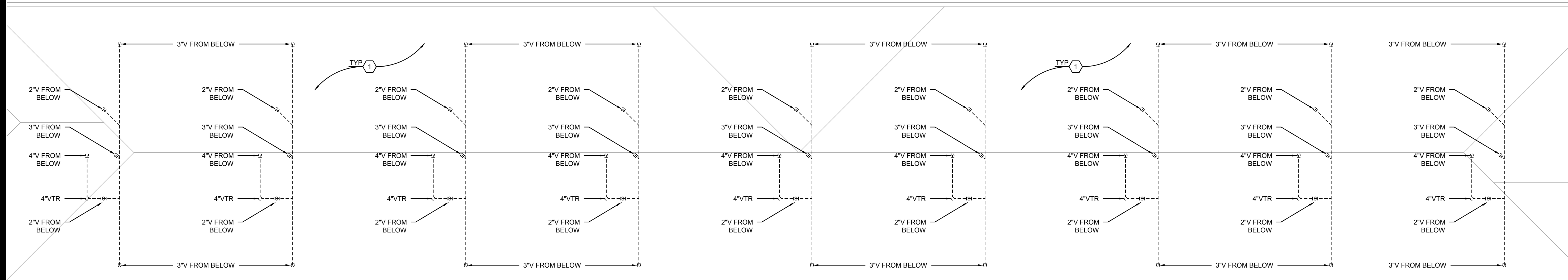
THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-JBC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-JBC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



**ATTIC PLUMBING PLAN**  
SCALE: 1/8"=1'-0"

LEGEND (PLUMBING ITEMS ONLY)	
	EXISTING TO REMAIN
	NEW WORK

**PLUMBING NOTES:** ○

1. EXISTING SCHEDULE 40 PVC VENT PIPING IN ATTIC SPACE TO REMAIN; REPLACE CAST IRON WASTE/VENT STACKS AT ATTIC FLOOR PENETRATIONS.

ALL EXISTING SANITARY WASTE AND VENT PIPING SHALL BE REPLACED WITH SOLID WALL SCHEDULE 40 PVC TO LOWEST CONNECTION POSSIBLE AT GROUND FLOOR.

ALL EXISTING DOMESTIC WATER PIPE INSULATION SHALL BE REPLACED IN ITS ENTIRETY THROUGHOUT THE FACILITY.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-425-7920 FAX: 318-425-7922

Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**ATTIC PLUMBING PLAN**

SHEET **P2.4** OF **10P**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

Copyright Notice:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.





**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Plumbers Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM



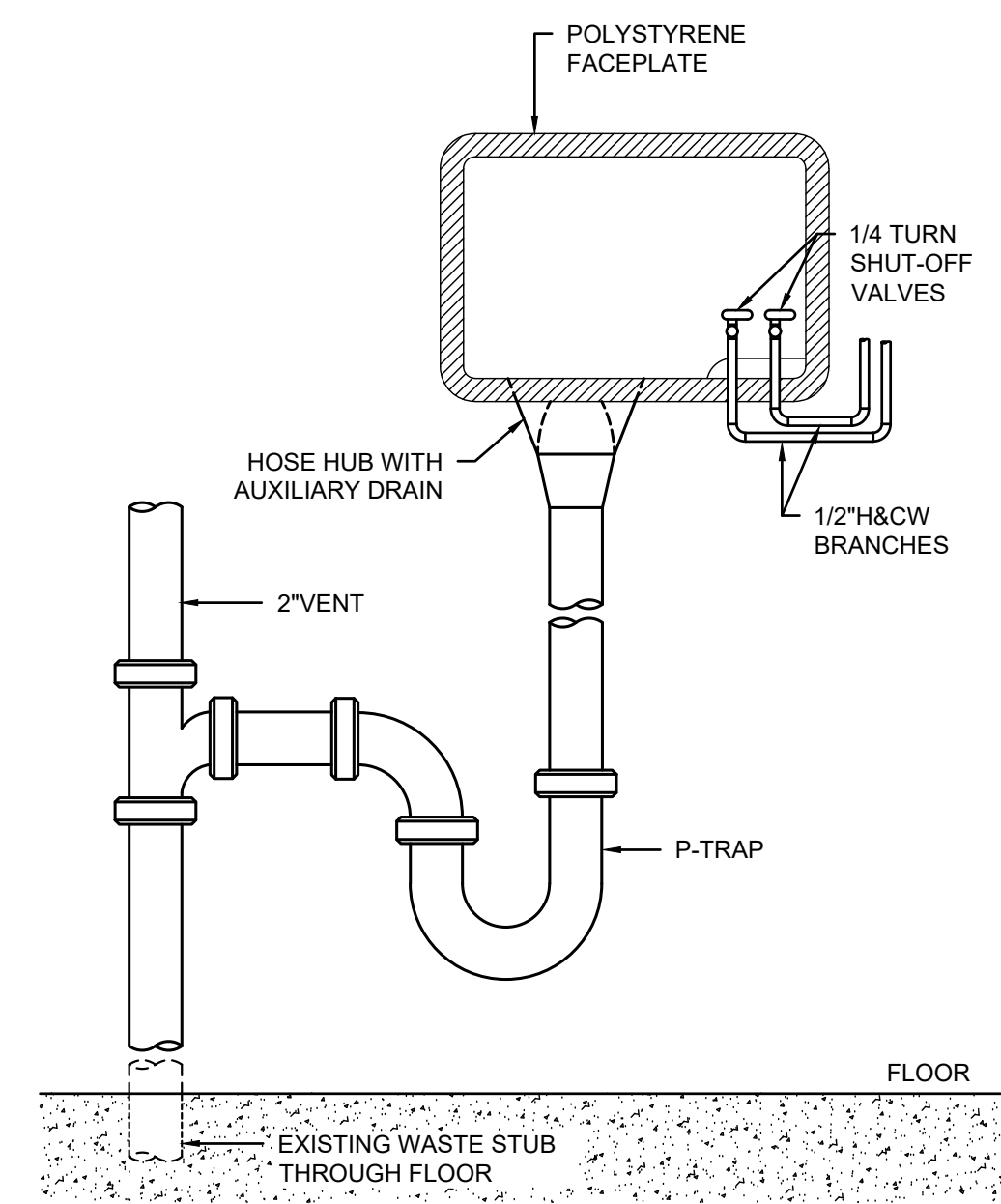
Designer	KDR	Project Manager	DWB
Drafter	KDR	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

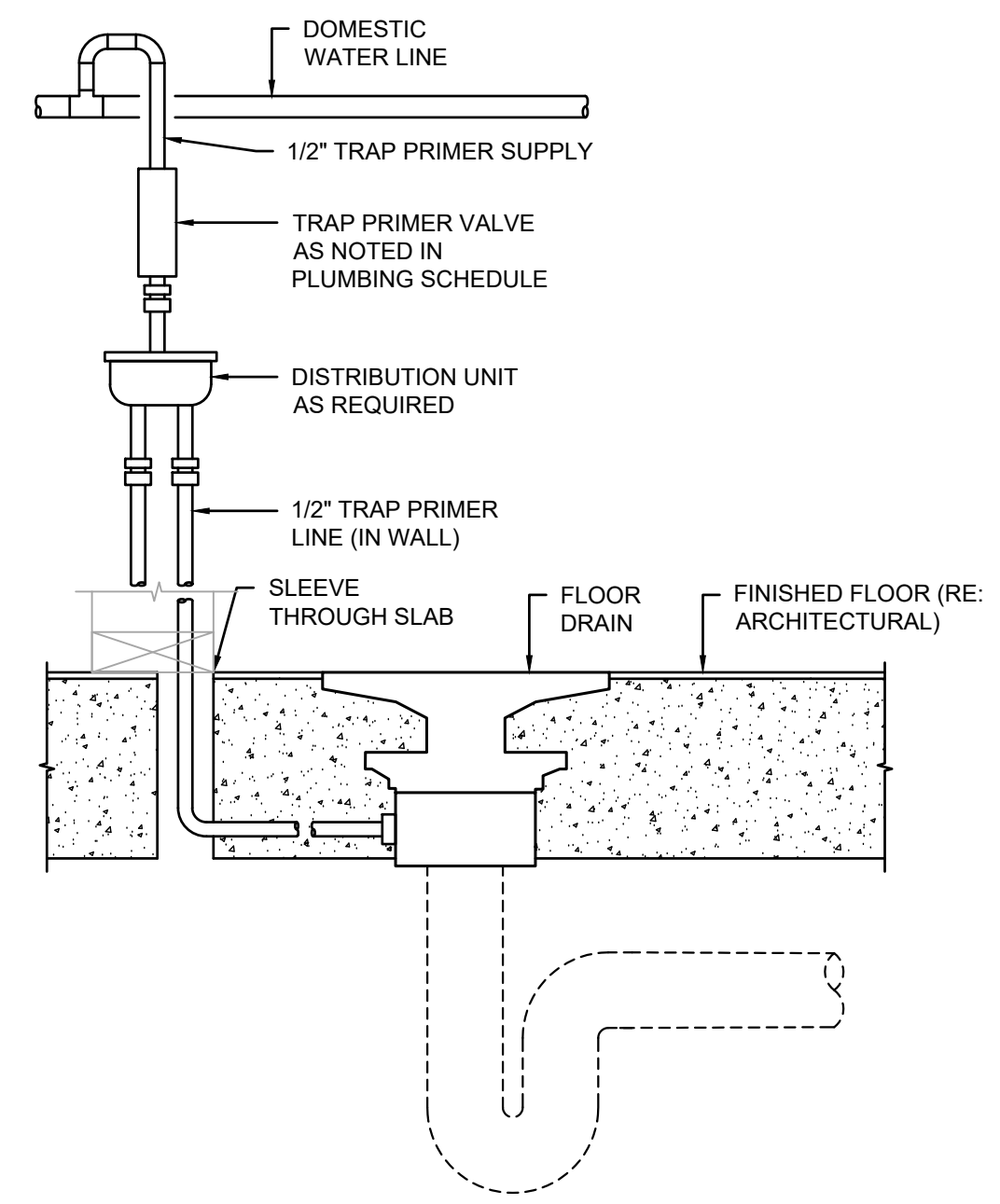
SHEET TITLE  
**PLUMBING DETAILS**

SHEET	P3.1	OF	10P
-------	------	----	-----

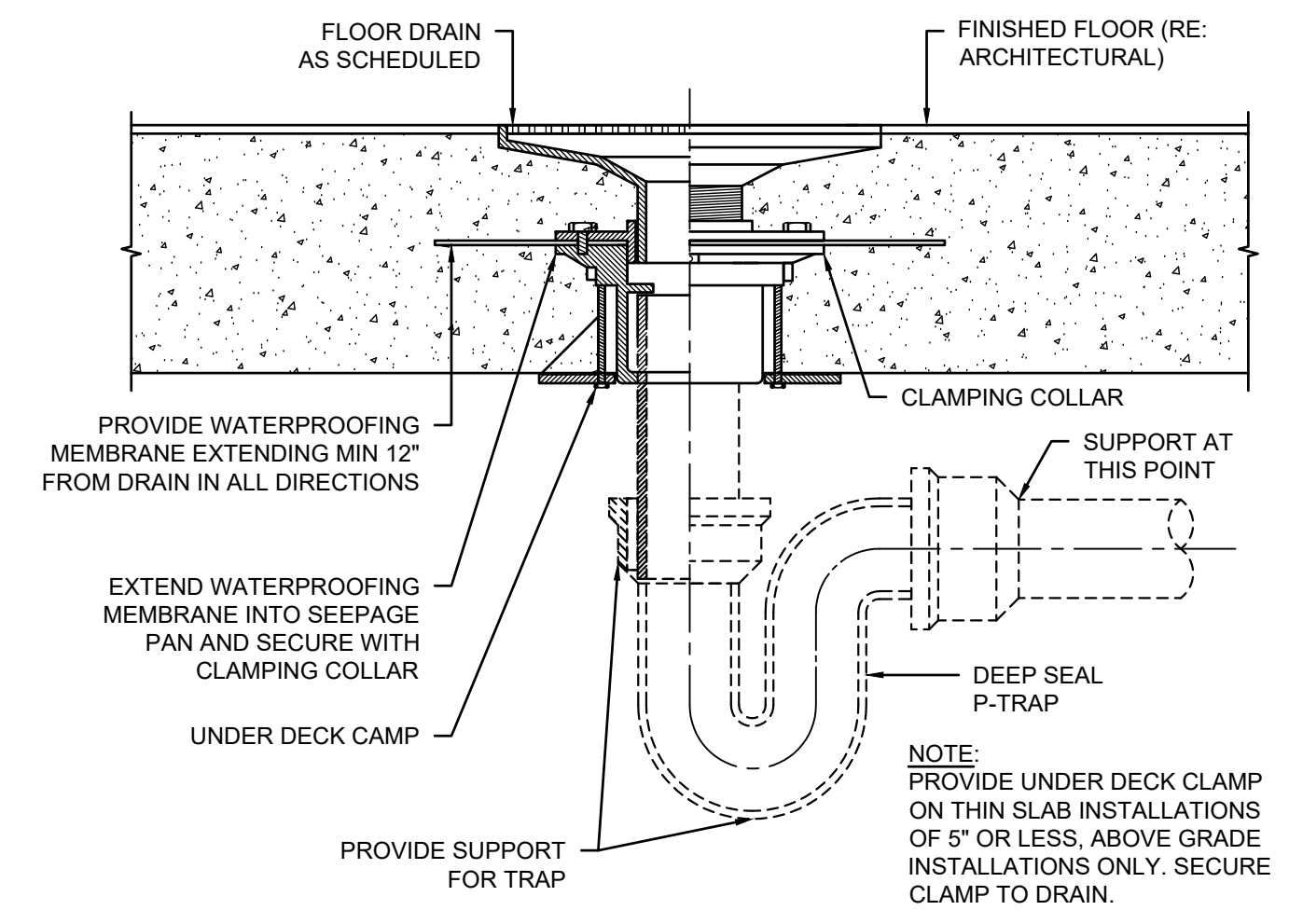
PROJECT TITLE	REPAIR DORM BOLO B4351
BARKSDALE AIR FORCE BASE, LOUISIANA 71110	
Project Number	OPP. NO. 1086485
Drawing Number	Facility Number B4351



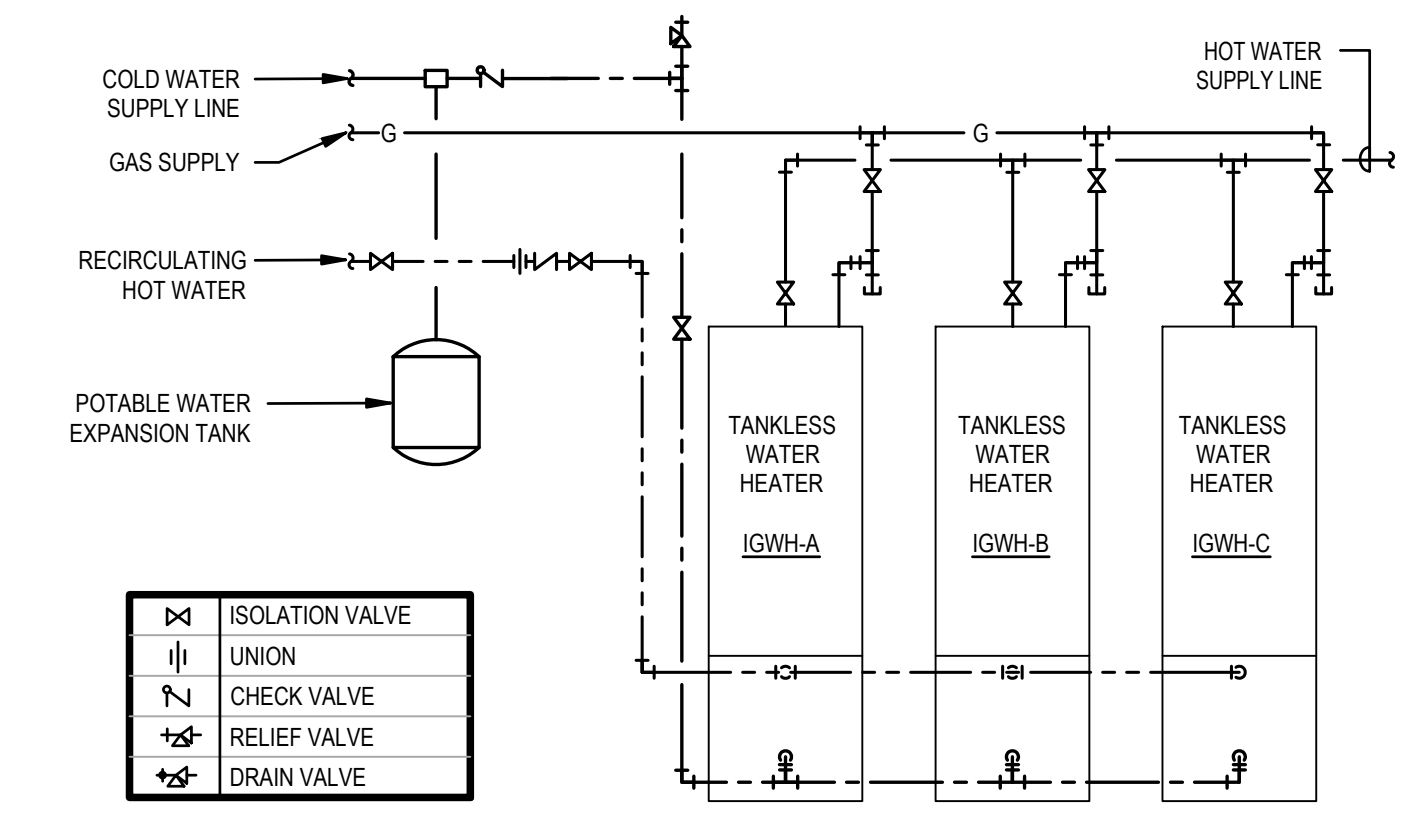
**WASHER OUTLET BOX**  
NOT TO SCALE



**TRAP PRIMER**  
NOT TO SCALE

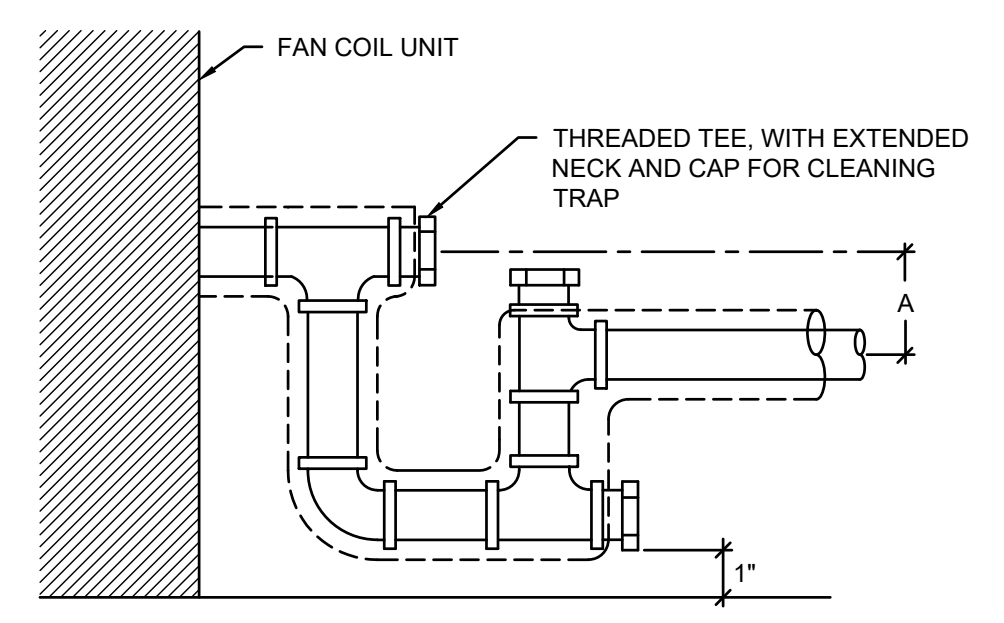


SEE TRAP PRIMER DETAIL, THIS SHEET  
**FLOOR DRAIN**  
NOT TO SCALE



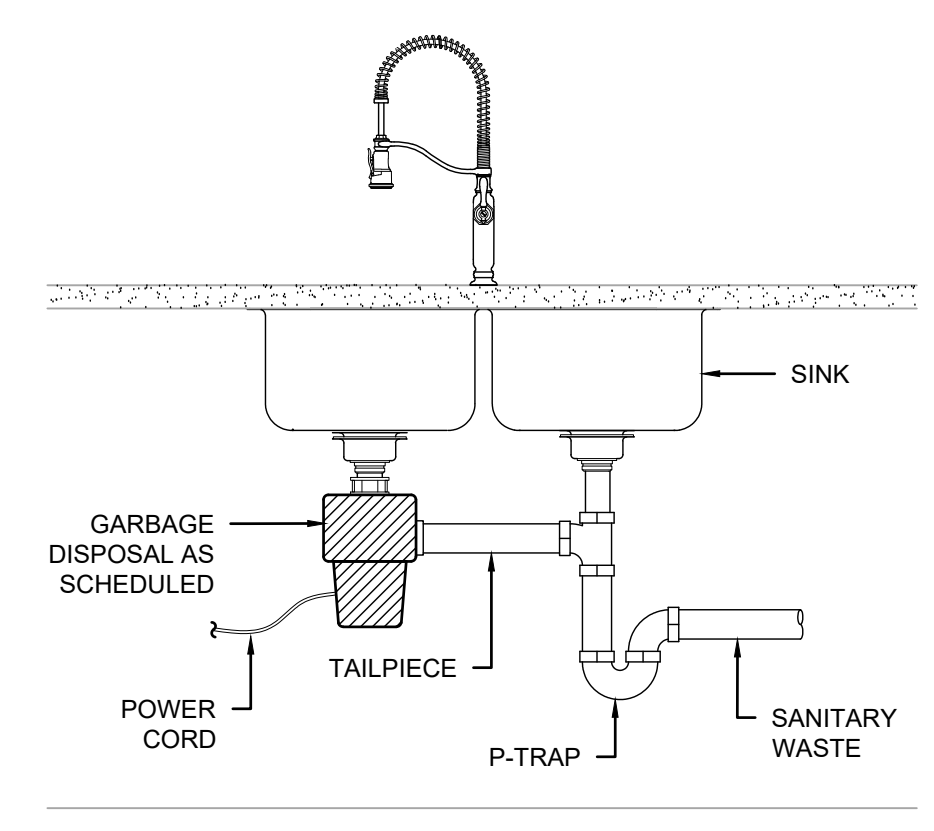
**TANKLESS WATER HEATER PIPING**  
NOT TO SCALE

	ISOLATION VALVE
	UNION
	CHECK VALVE
	RELIEF VALVE
	DRAIN VALVE

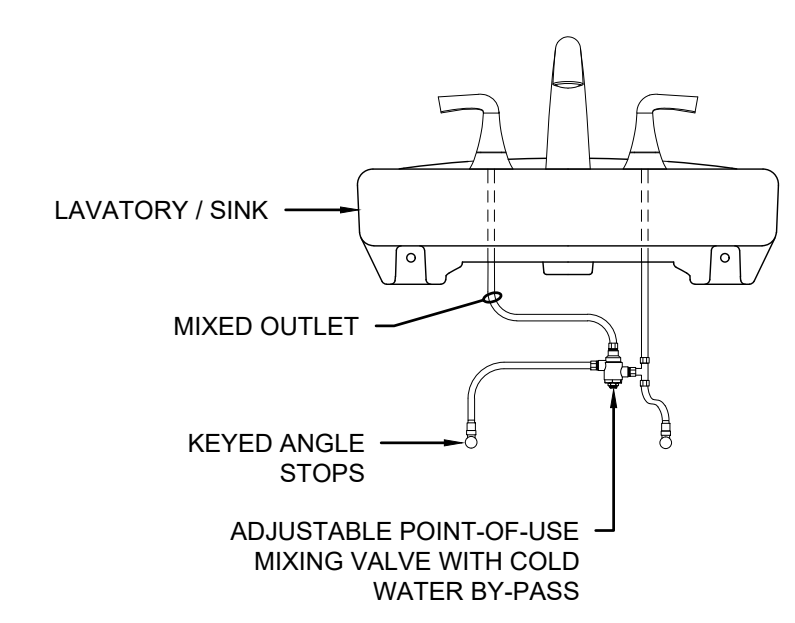


**DRAWTHRU:**  
A = PER MANUFACTURER'S RECOMMENDATIONS  
**NOTES:**  
1. PIPE SIZE AS NOTED; 3/4" MINIMUM. INSULATE FOR CONDENSATE CONTROL.  
2. AIR GAP REQUIRED IN CONDENSATE LINE TERMINATIONS.

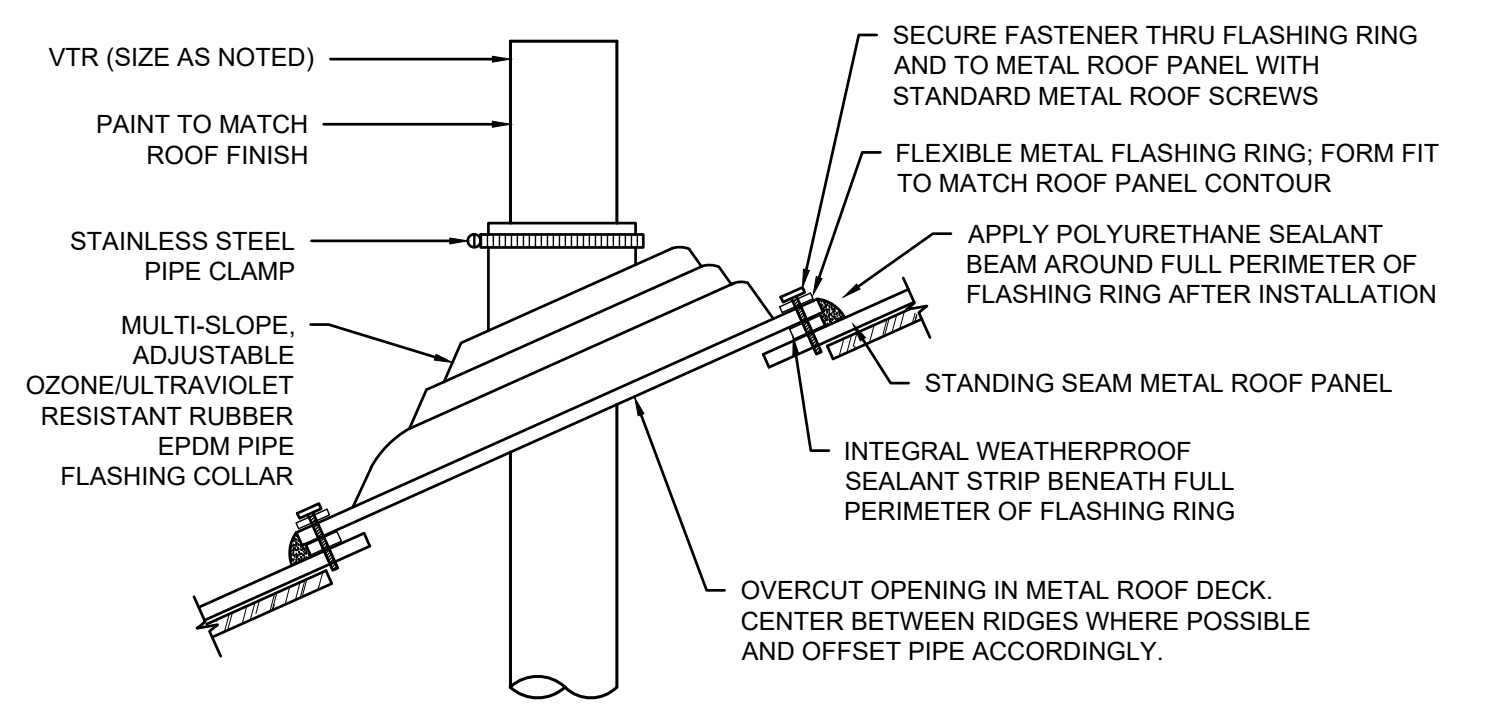
**CONDENSATE DRAIN TRAP**  
NOT TO SCALE (INTERIOR)



**GARBAGE DISPOSAL**  
NOT TO SCALE



**POINT-OF-USE MIXING VALVE**  
NOT TO SCALE



**VENT FLASHING / ROOF PENETRATION FOR STANDING SEAM METAL ROOF**  
NOT TO SCALE

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: **ROGER H. BARNES, P.E.**  
LICENSE NO. **35843**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM



Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**FIRST FLOOR ELECTRICAL DEMOLITION PLAN**

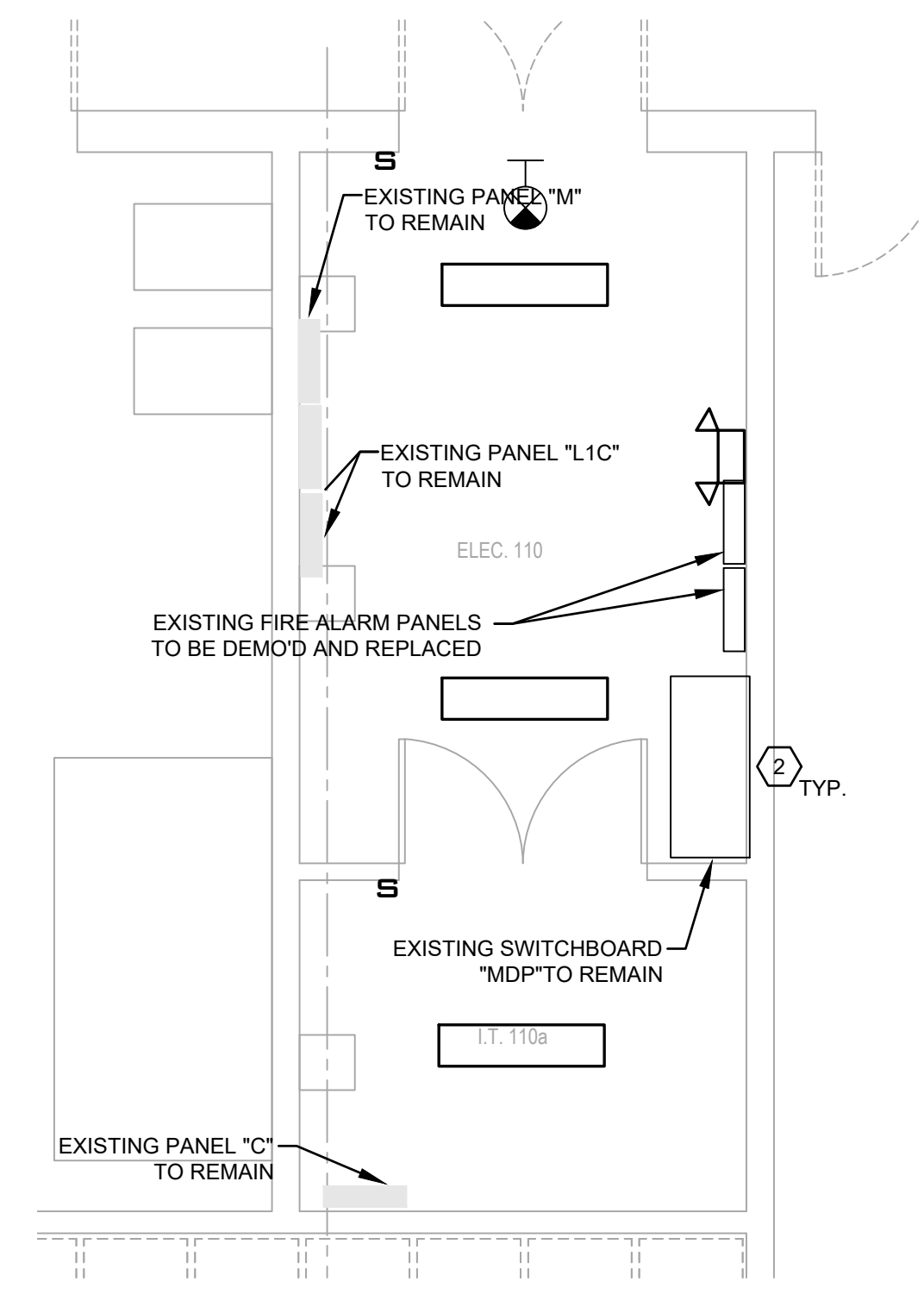
SHEET **ED1.1** OF **24E**

PROJECT TITLE  
REPAIR DORM BOLO  
B4351

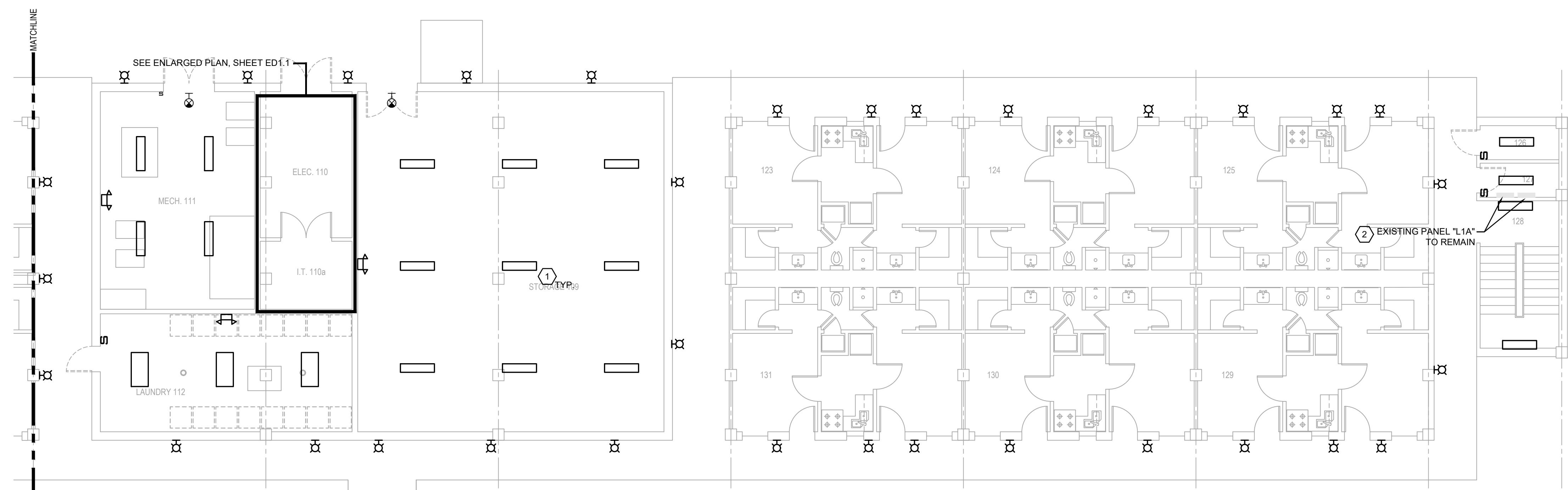
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
OPP. NO. 1086485

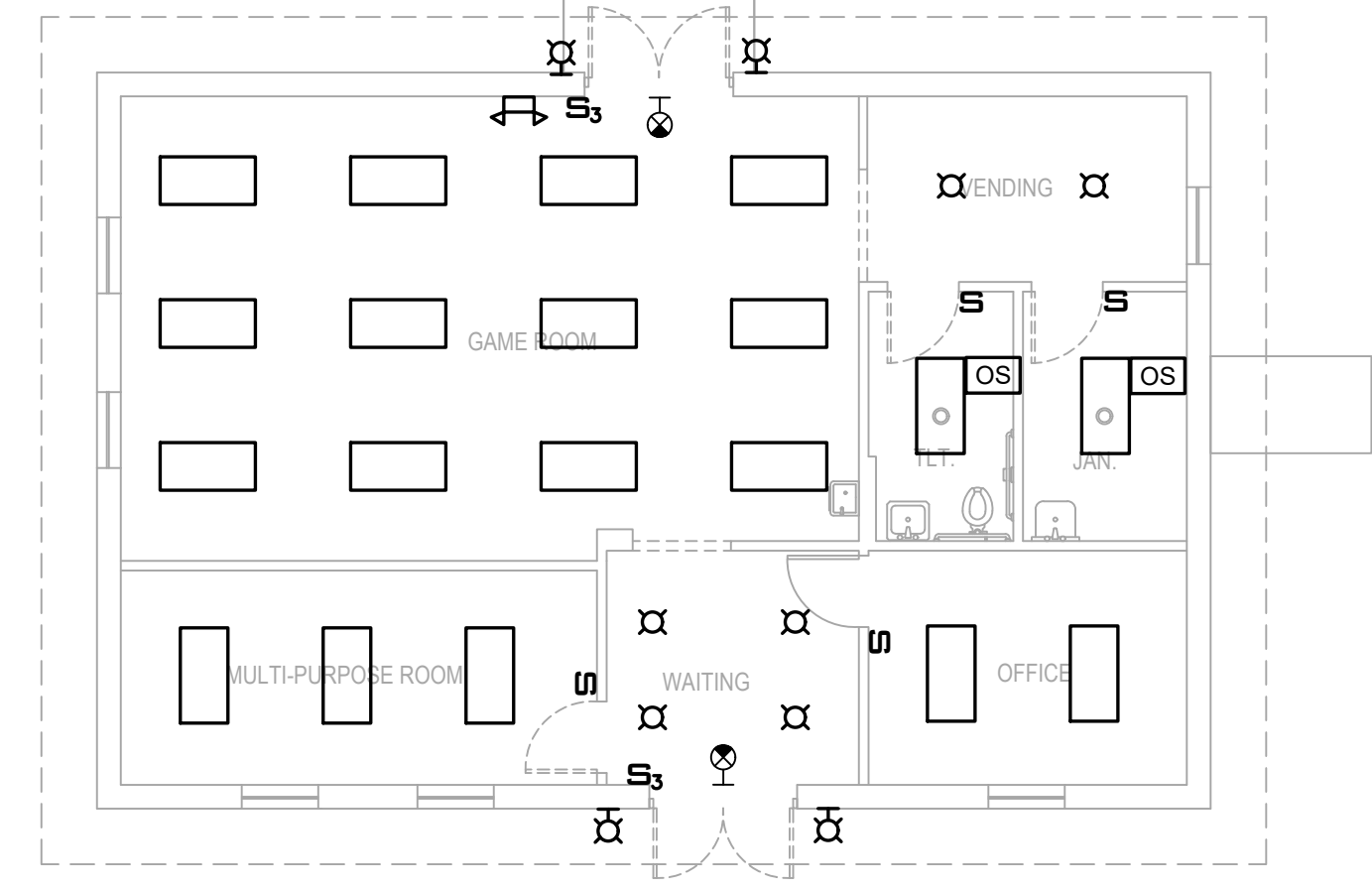
Drawing Number  
Facility Number  
B4351



**ENLARGED ELECTRICAL & IT ROOM DEMOLITION PLAN**  
SCALE: 1/4"=1'-0"

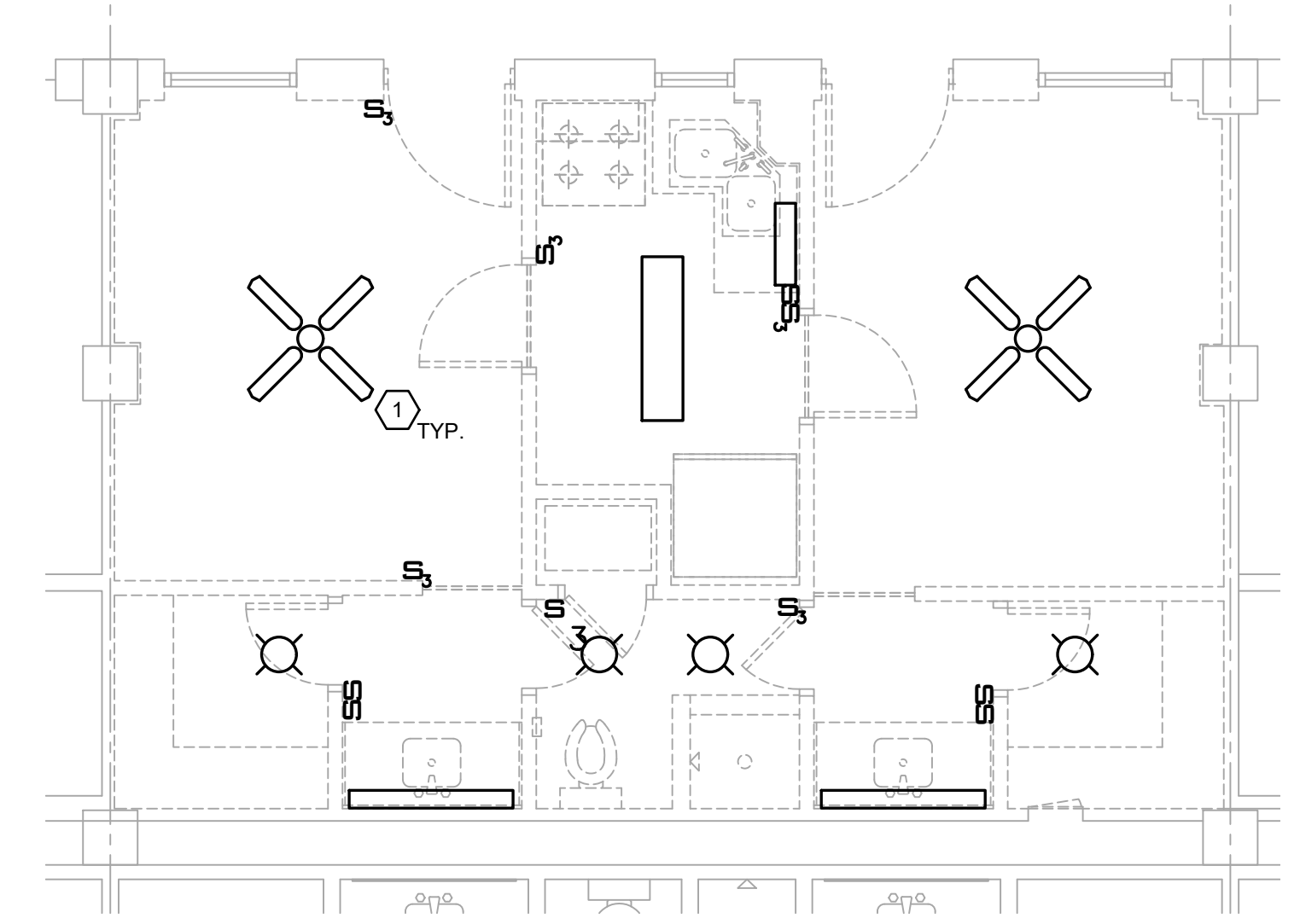


**FIRST FLOOR ELECTRICAL LIGHTING DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"

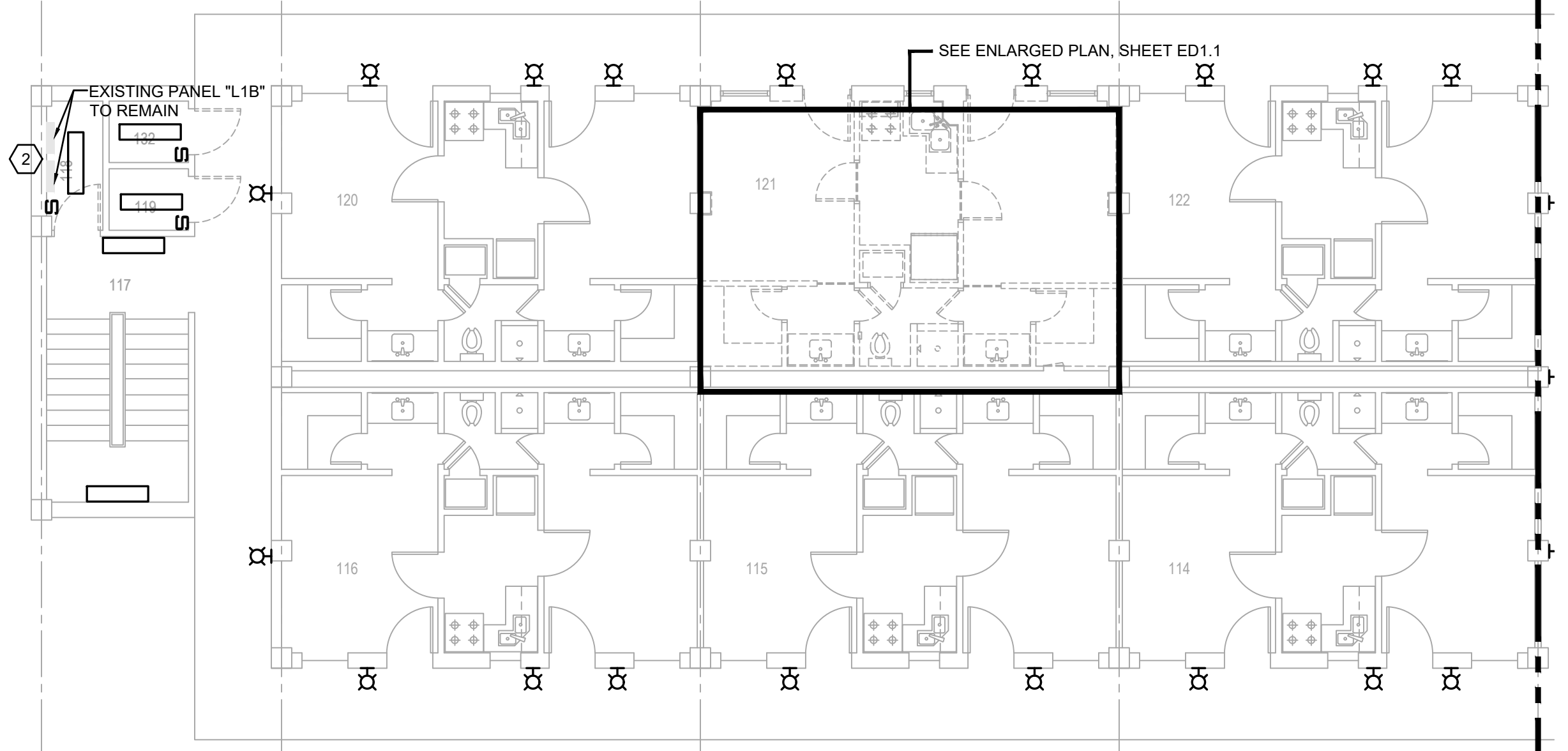


**ELECTRICAL DEMO NOTES:** ◻

- (APPLICABLE TO THIS DRAWING ONLY)
1. DEMO ALL EXISTING LIGHTING FIXTURES. EXISTING LIGHTING BRANCH CIRCUIT CONDUITS/CONDUCTORS SHALL BE PROTECTED FOR FUTURE CONNECTION TO NEW LIGHTS AT THE SAME LOCATIONS.
  2. ALL EXISTING PANELS/SWITCHBOARD ARE TO REMAIN.



**TYPICAL ENLARGED SUITE ELECTRICAL LIGHTING DEMOLITION PLAN**  
SCALE: 1/4"=1'-0"



**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3029 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Field Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM  
**KBA**  
kevin bryan architect  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9960 FAX: 318-475-9922

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**SECOND FLOOR  
ELECTRICAL DEMOLITION  
PLAN**

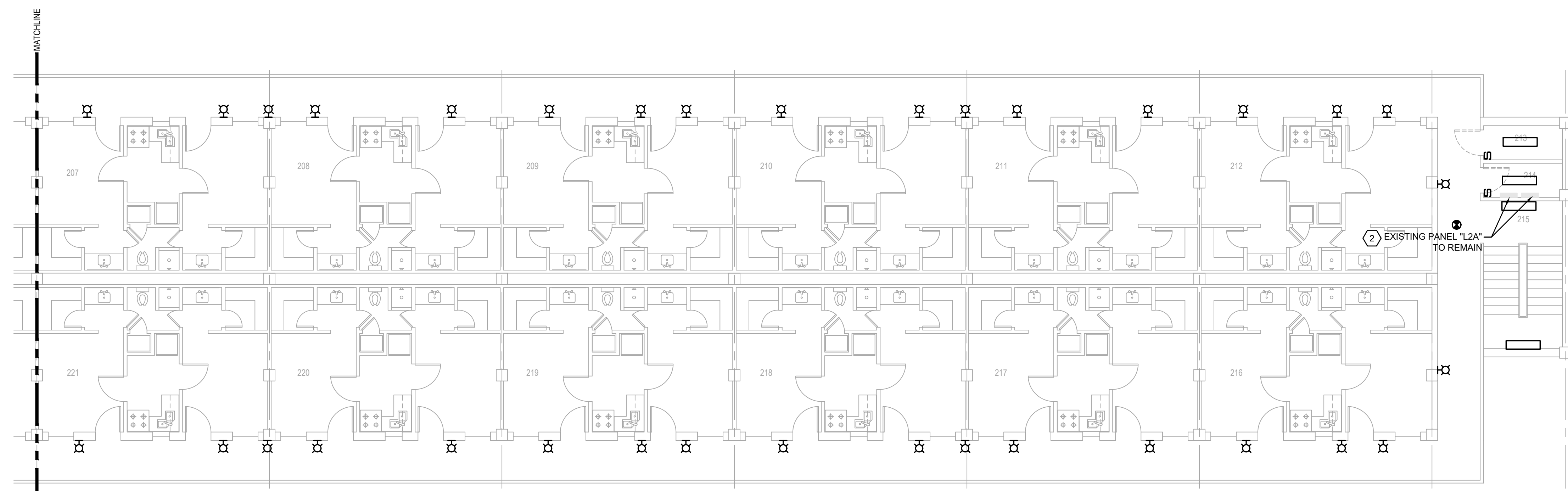
SHEET **ED1.2** OF **24E**

PROJECT TITLE  
REPAIR DORM BOLD  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

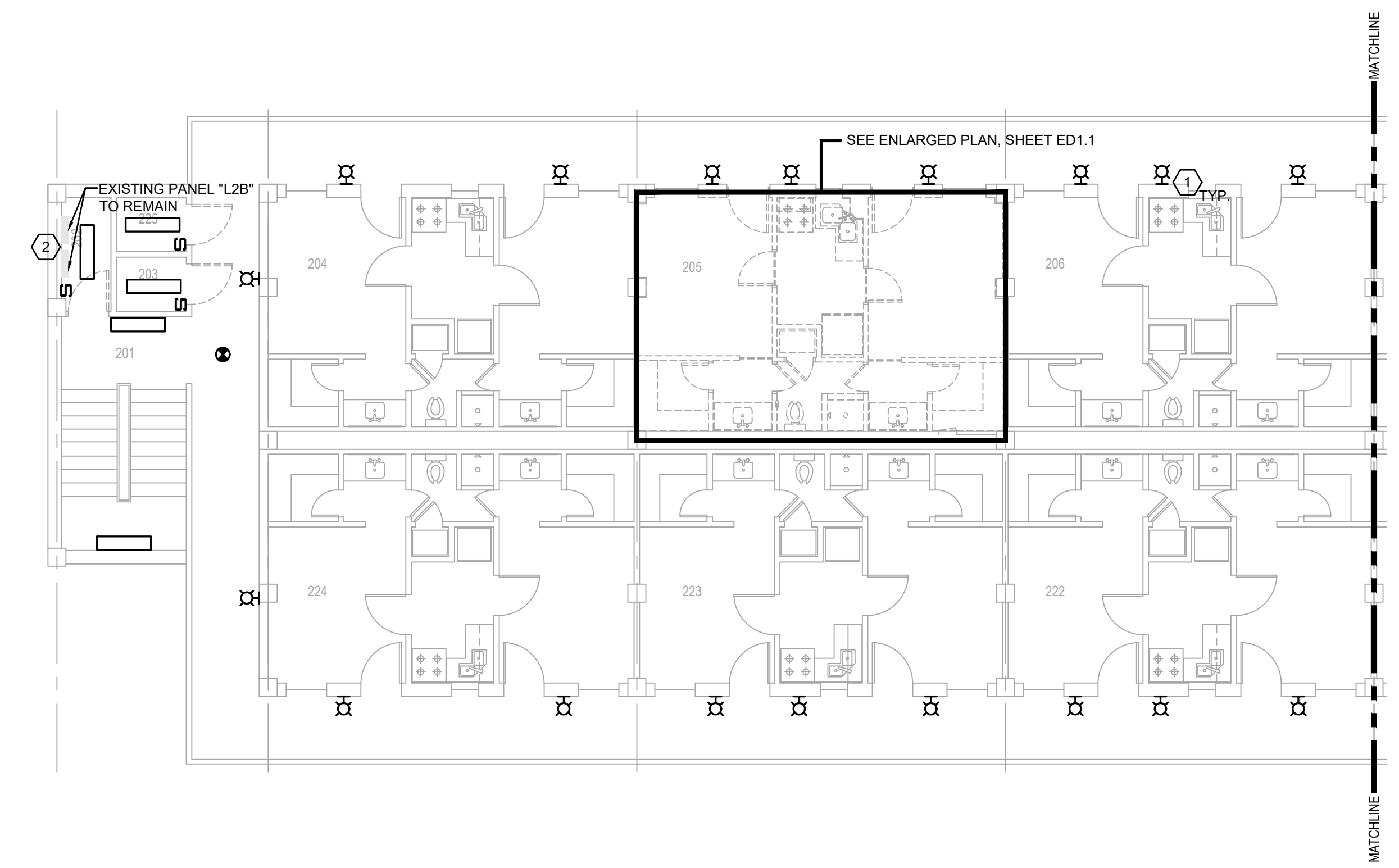
**ELECTRICAL DEMO NOTES:** ⬡

(APPLICABLE TO THIS DRAWING ONLY)

1. DEMO ALL EXISTING LIGHTING FIXTURES. EXISTING LIGHTING BRANCH CIRCUIT CONDUITS/CONDUCTORS SHALL BE PROTECTED FOR FUTURE CONNECTION TO NEW LIGHTS AT THE SAME LOCATIONS.
2. ALL EXISTING PANELS/SWITCHBOARD ARE TO REMAIN.



**SECOND FLOOR ELECTRICAL LIGHTING DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



**PRELIMINARY**  
NOT TO BE USED FOR  
CONSTRUCTION,  
BIDDING,  
RECORDATION,  
CONVEYANCE, SALES,  
OR AS THE BASIS FOR  
THE ISSUANCE OF A  
PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AEJMC.com  
ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687  
THESE DRAWINGS DO NOT INCLUDE NECESSARY  
COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO  
OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC.  
ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Field Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM



Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

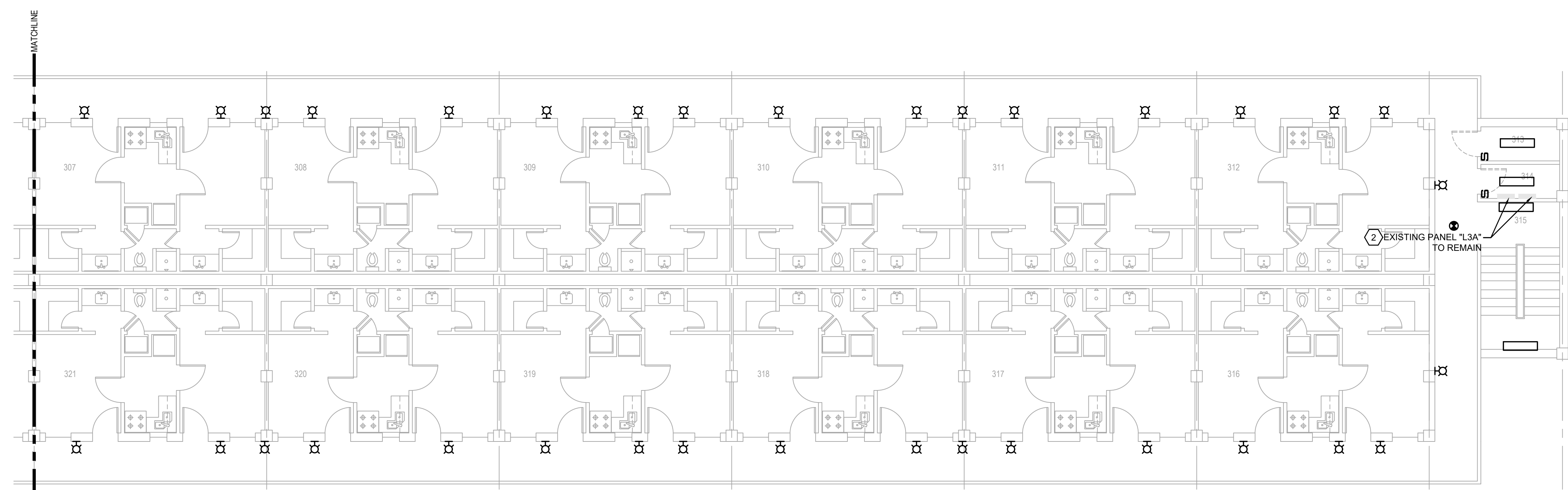
SHEET TITLE  
**THIRD FLOOR  
ELECTRICAL DEMOLITION  
PLAN**

SHEET **ED1.3** OF **24E**

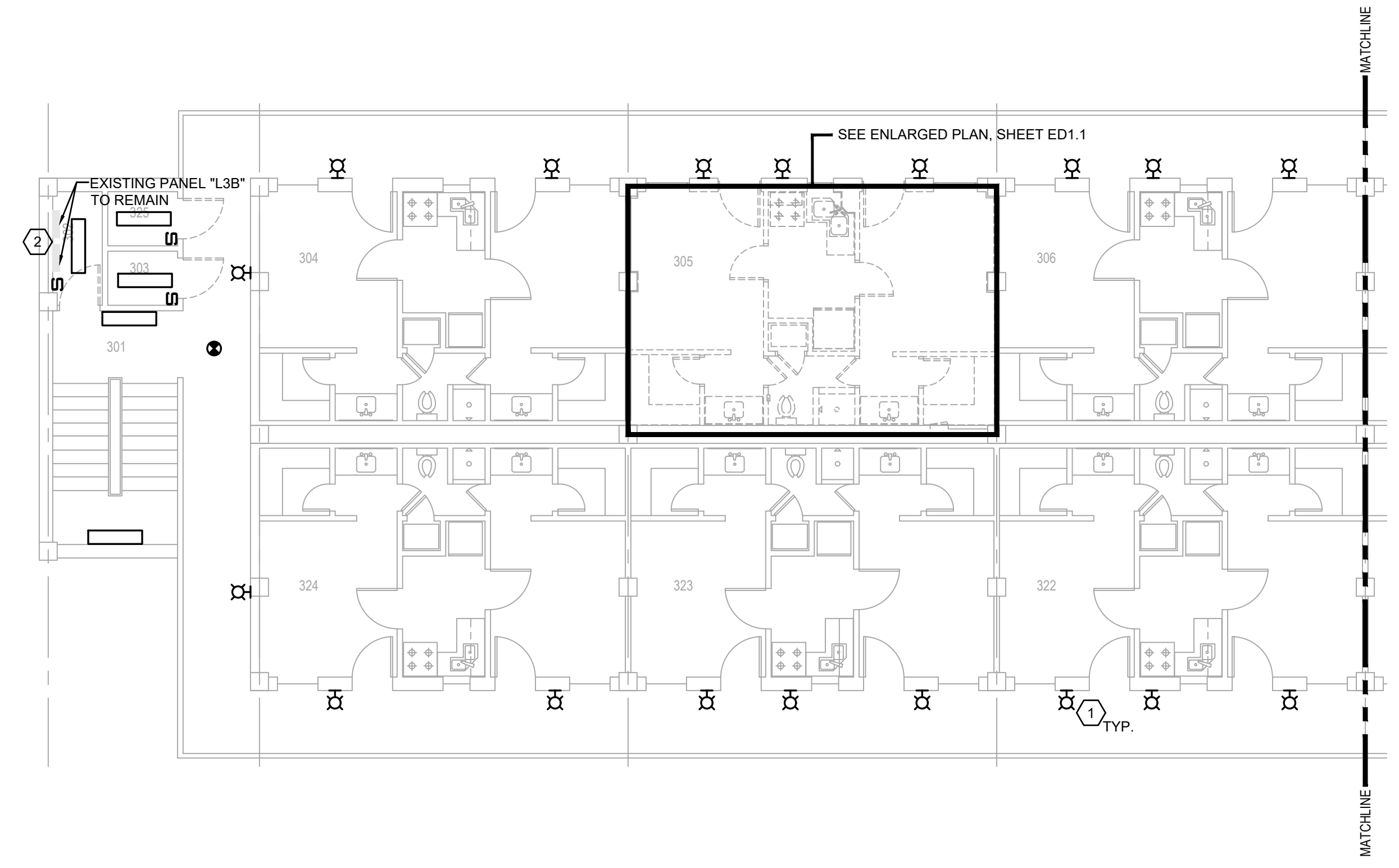
PROJECT TITLE  
REPAIR DORM BOLO  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

**ELECTRICAL DEMO NOTES:**

- (APPLICABLE TO THIS DRAWING ONLY)
1. DEMO ALL EXISTING LIGHTING FIXTURES. EXISTING LIGHTING BRANCH CIRCUIT CONDUITS/CONDUCTORS SHALL BE PROTECTED FOR FUTURE CONNECTION TO NEW LIGHTS AT THE SAME LOCATIONS.
  2. ALL EXISTING PANELS/SWITCHBOARD ARE TO REMAIN.



**THIRD FLOOR ELECTRICAL LIGHTING DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



**PRELIMINARY**  
NOT TO BE USED FOR  
CONSTRUCTION,  
BIDDING,  
RECORDATION,  
CONVEYANCE, SALES,  
OR AS THE BASIS FOR  
THE ISSUANCE OF A  
PERMIT

**CONSULTING ENGINEERS**  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: **DANIEL W. BROWN, P.E.**  
LICENSE NO. **41687**

THESE DRAWINGS DO NOT INCLUDE NECESSARY  
COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO  
OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC.  
ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM



Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**FIRST FLOOR ELECTRICAL DEMOLITION PLAN**

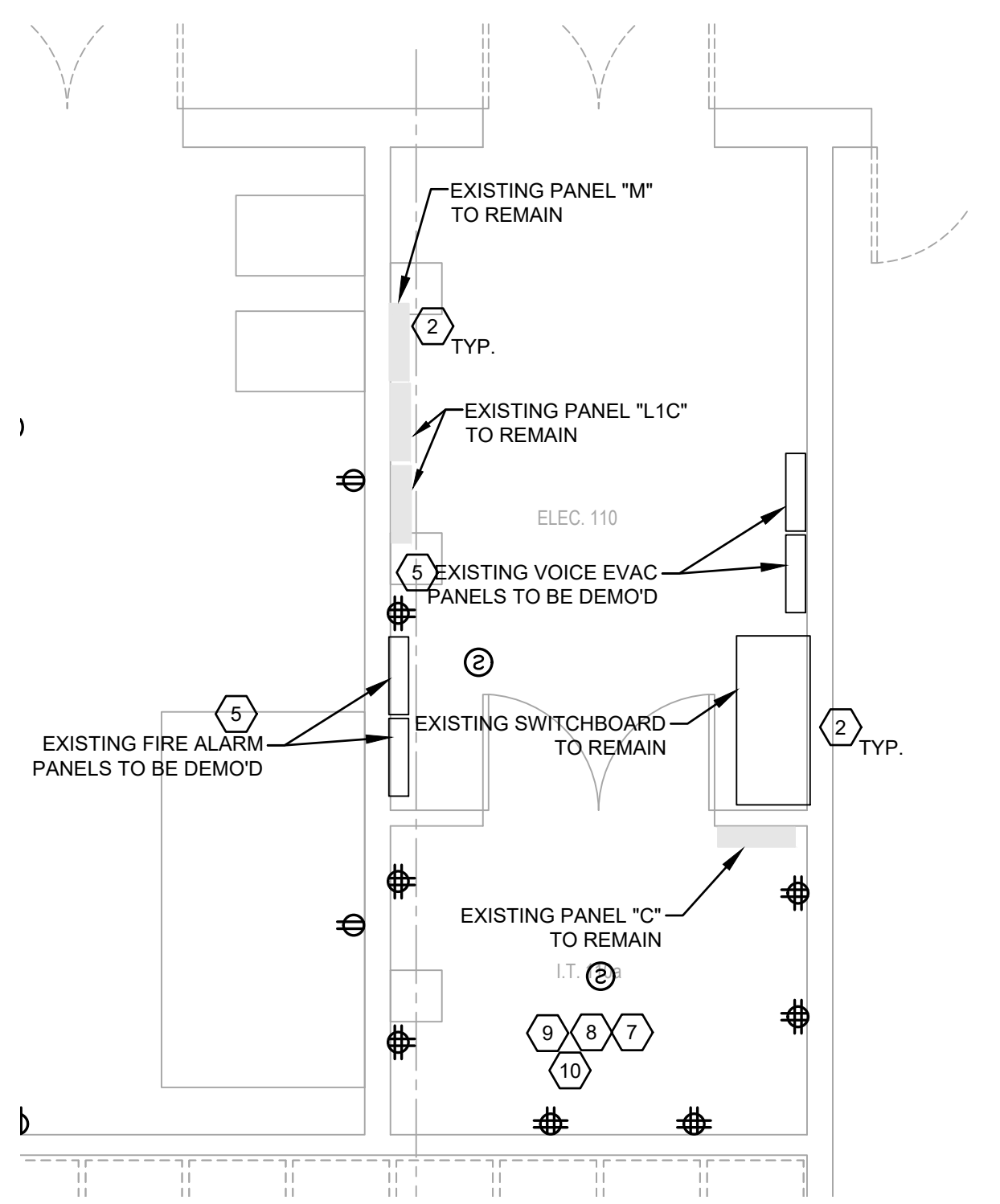
SHEET **ED2.1** OF **24E**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

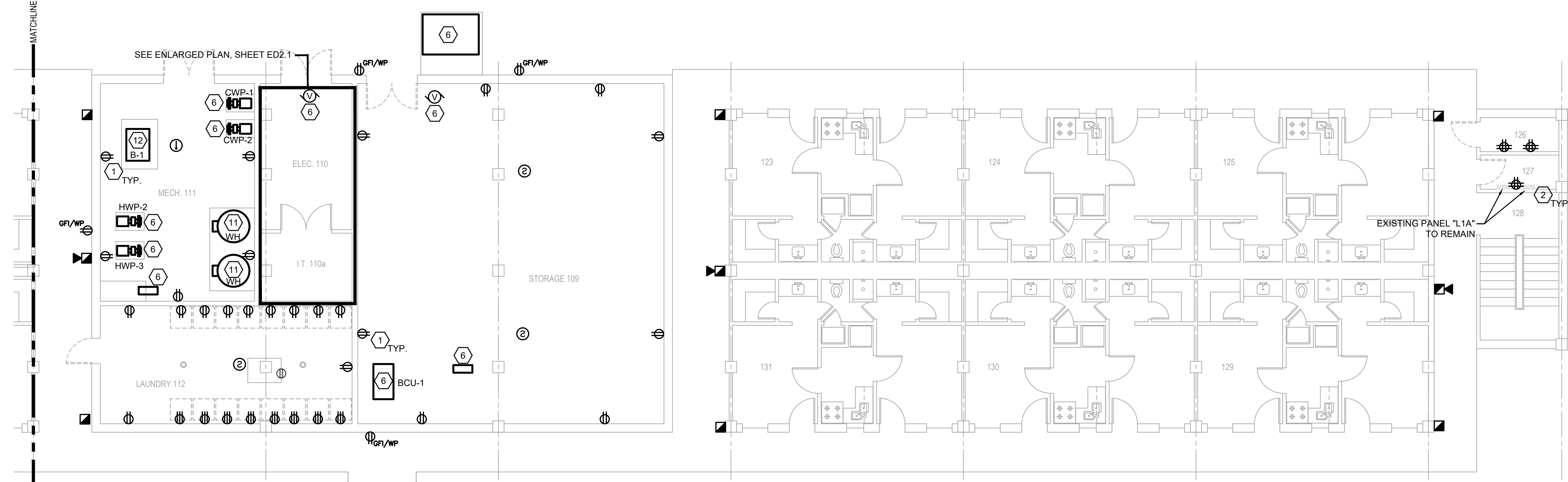


**ENLARGED ELECTRICAL & IT ROOM DEMOLITION PLAN**  
SCALE: 1/4"=1'-0"

**ELECTRICAL DEMO NOTES:**

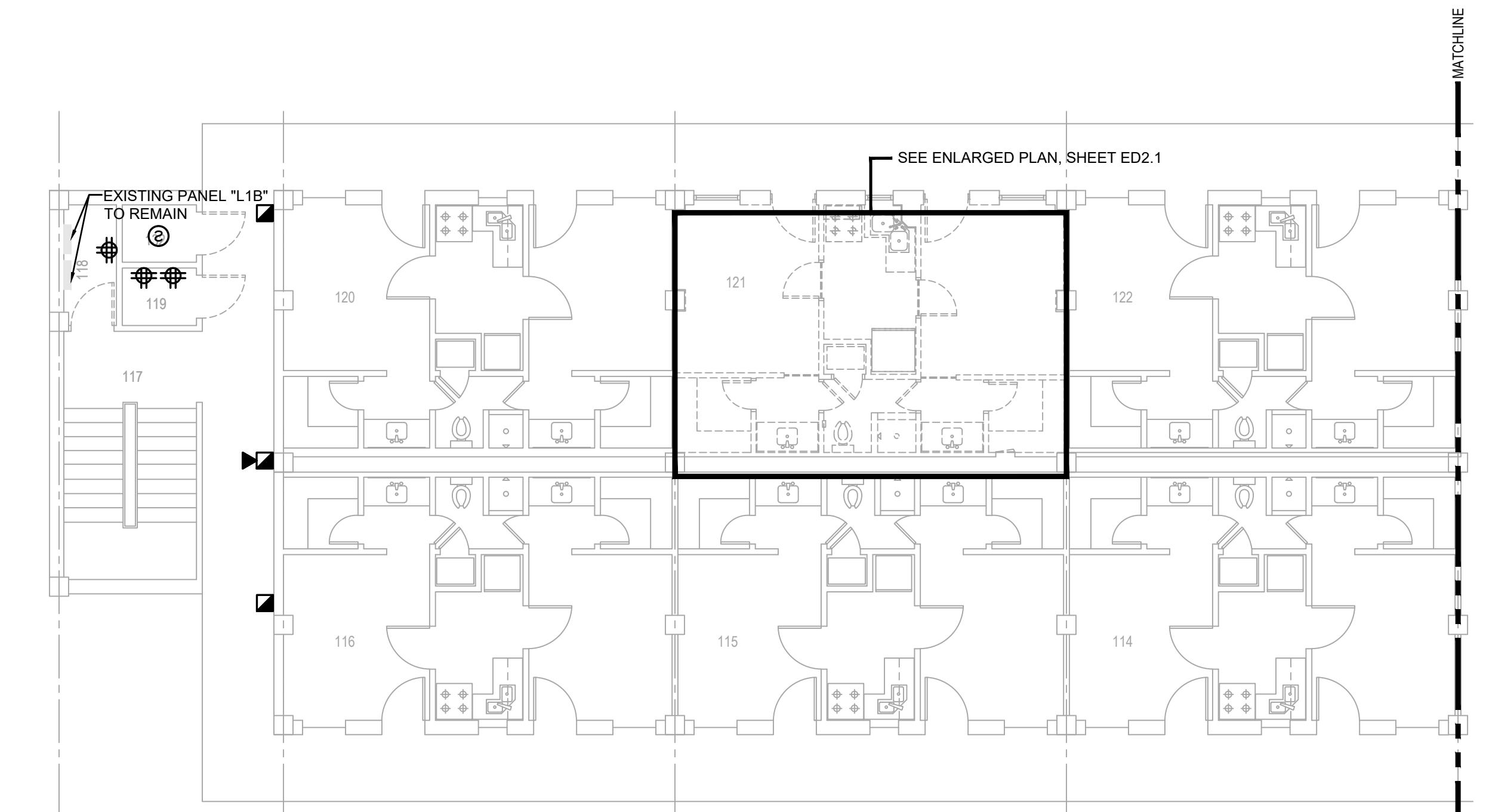
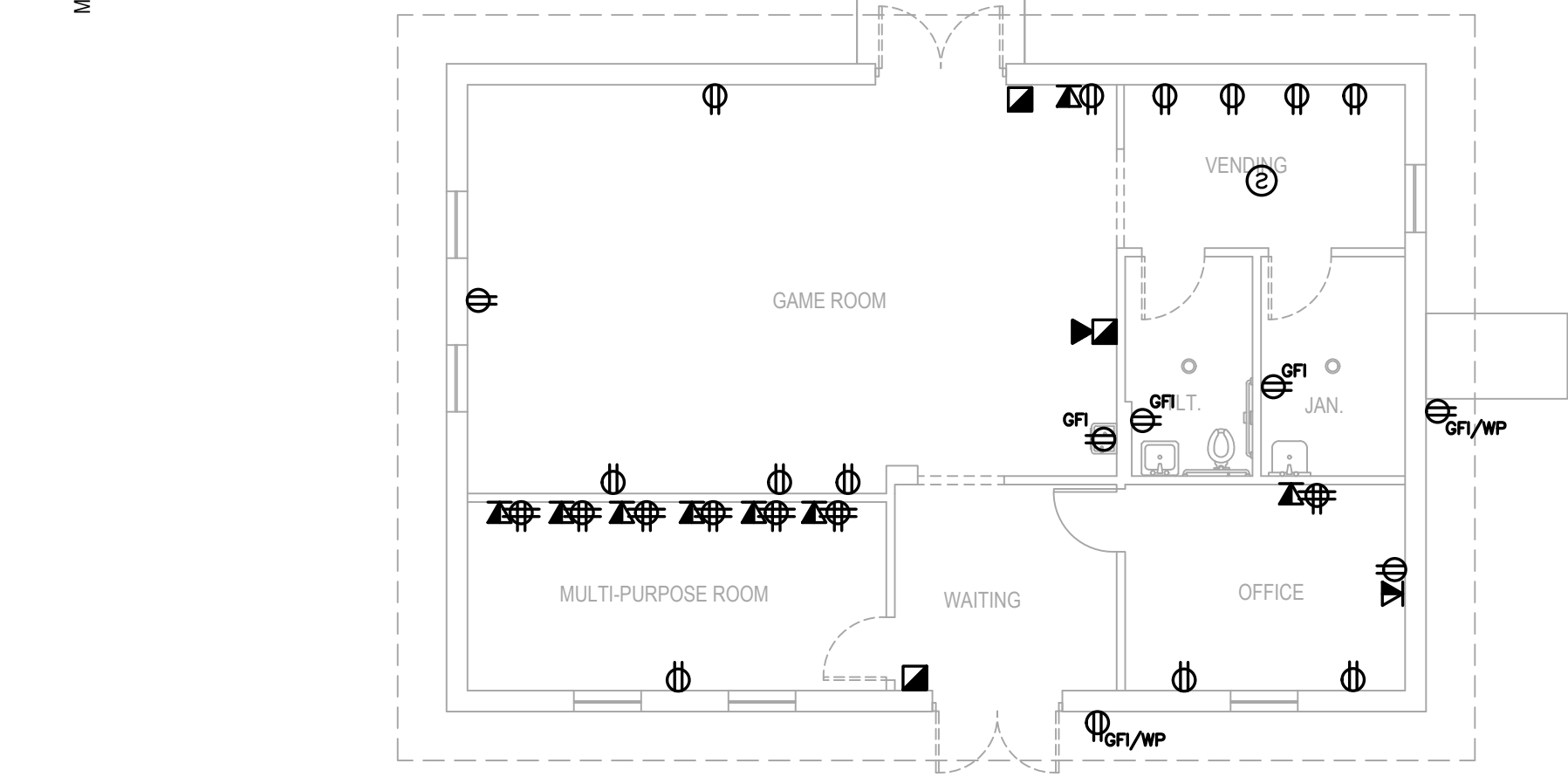
(APPLICABLE TO THIS DRAWING ONLY)

1. DEMO ALL EXISTING RECEPTACLES, DATA OUTLETS, AND FIRE ALARM DEVICES. EXISTING CONDUITS/CONDUCTORS SHALL BE PROTECTED FOR FUTURE CONNECTION TO RECEPTACLES AT THE SAME LOCATIONS. EXISTING COMM WIRE TO BE REPLACE WITH NEW CAT6 CABLING EXTENDED FROM EXISTING RACKS TO NEW DATA OUTLET AT THE SAME LOCATION.
2. ALL EXISTING PANELS/SWITCHBOARD ARE TO REMAIN.
3. RECEPTACLE IN CABINET ABOVE FOR MICROWAVE.
4. DEMO EXISTING DISPOSAL. EXISTING CONDUIT/CONDUCTORS TO BE PROTECTED FOR RE-CONNECTION TO NEW DISPOSAL.
5. EXISTING MASS NOTE PANEL AND FIRE ALARM PANEL TO BE DEMOD AND REPLACED, REF. SHEET E4.1 NOTES 1 AND 2. TURN OVER DEMOD'D PANELS TO BAFB ELEC SHOP.
6. REF. MECHANICAL DEMO SHEET MD1.1 FOR DEMOLITION OF EXISTING MECHANICAL EQUIPMENT. EXISTING DISCONNECTS/MOTOR RATED TOGGLE SWITCHES SERVING MECHANICAL EQUIPMENT TO REMAIN FOR RE-CONNECTION TO NEW EQUIPMENT AT SAME LOCATION.
7. AT&T HAS AN OUTSIDE PLANT CABLING PRESENCE IN ROOM 110A THAT MUST REMAIN AS IS. THEY HAVE TIE CABLES THAT GO FROM ROOM 110A TO COMM ROOMS 119, 126, 213, 203, 313, AND 303 WHICH MUST ALSO REMAIN AS IS. THE 100 PAIR TIE CABLE GOING FROM NORTH TO SOUGH WALL IN 110A MUST ALSO REMAIN. THERE ARE SEVERAL OTHER ITEMS IN THIS ROOM AND OTHER COMMUNICATION ROOMS THAT MUST REMAIN, CONTACT 2 CS FOR ON SITE MEETING PRIOR TO JOB START SO ALL ITEMS CAN BE IDENTIFIED.
8. BOINGO, A COMMERCIAL INTERNET SERVICE PROVIDER, HAS REMOVED ALL THEIR ACCESS POINTS FROM THE FACILITY ANY OF THEIR REMAINING EQUIPMENT WILL BE REMOVED BY 2 CS.
9. THE EXISTING 12-STRAND SINGLEMODE FIBER OPTIC CABLE IN ROOM 110A RUNS FROM B4351 TO B4314. THIS CABLE MUST REMAIN; HOWEVER, IT MUST BE RE-TERMINATED ON BOTH ENDS USING A CORNING FODP AND SHUTTERED LC PIGTAILED SPLICE CASSETTE ON BOTH ENDS. THE CABLE MUST THEN BE TESTED AT 1310 AND 1550 nm AND REPAIRED OR REPLACED IF IT DOES NOT MEET EIA/TIA STANDARDS.
10. BEFORE DEMOLITION STARTS, 2CS WILL REMOVE THE EXISTING CISCO 9200 NETWORK SWITCH FROM ROOM 110A.
11. DEMO EXISTING CIRCUIT SERVING THE EXISTING WATER HEATERS BACK TO ORIGINATING PANELBOARD "M".
12. DEMO EXISTING CIRCUIT SERVING THE BOILER BACK TO ORIGINATING PANELBOARD "M".



**FIRST FLOOR ELECTRICAL POWER/SYSTEMS DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"

NOTE:  
THE DISPOSITION OF THE CAMERA EQUIPMENT IN ROOM 126 MUST BE DETERMINED BY THE BASE DORM MANAGER, IT DOES NOT BELONG TO 2 CS.



**TYPICAL ENLARGED SUITE ELECTRICAL DEMOLITION POWER/SYSTEMS PLAN**  
SCALE: 1/4"=1'-0"

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
PHONE: 318-425-7402 FAX: 318-425-4622  
WWW.AE&C.COM

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM



Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**SECOND FLOOR  
ELECTRICAL DEMOLITION  
PLAN**

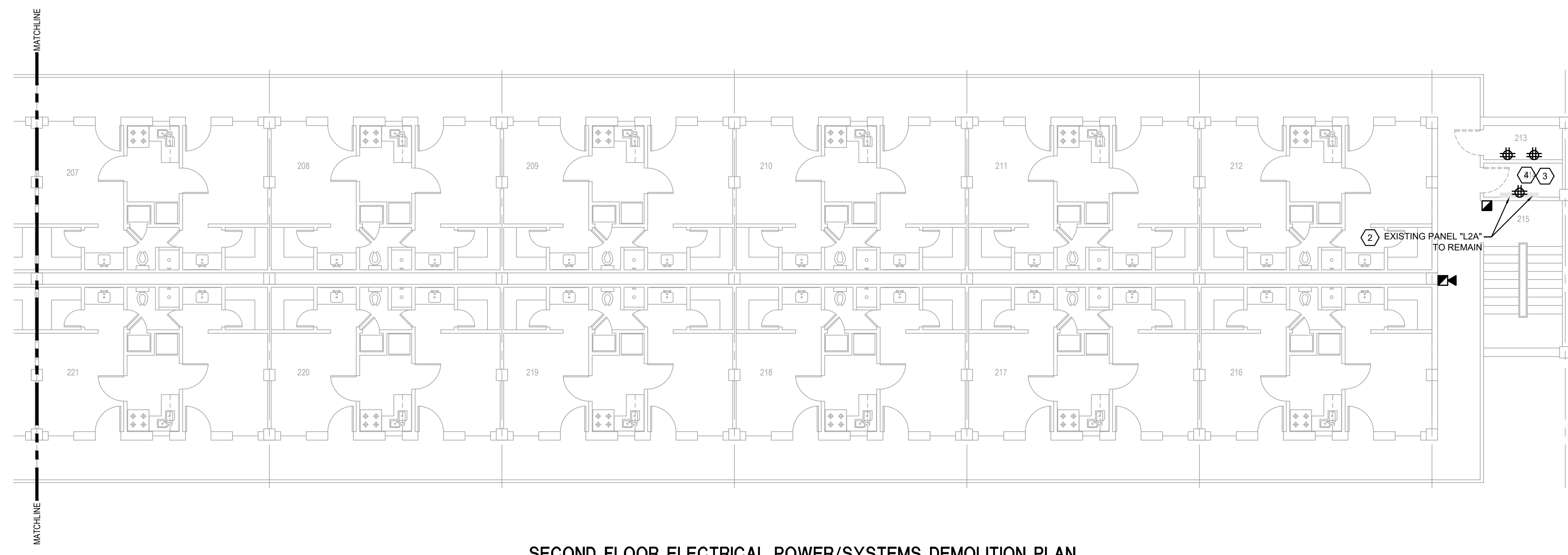
SHEET **ED2.2** OF 24E

PROJECT TITLE  
REPAIR DORM BOLO  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

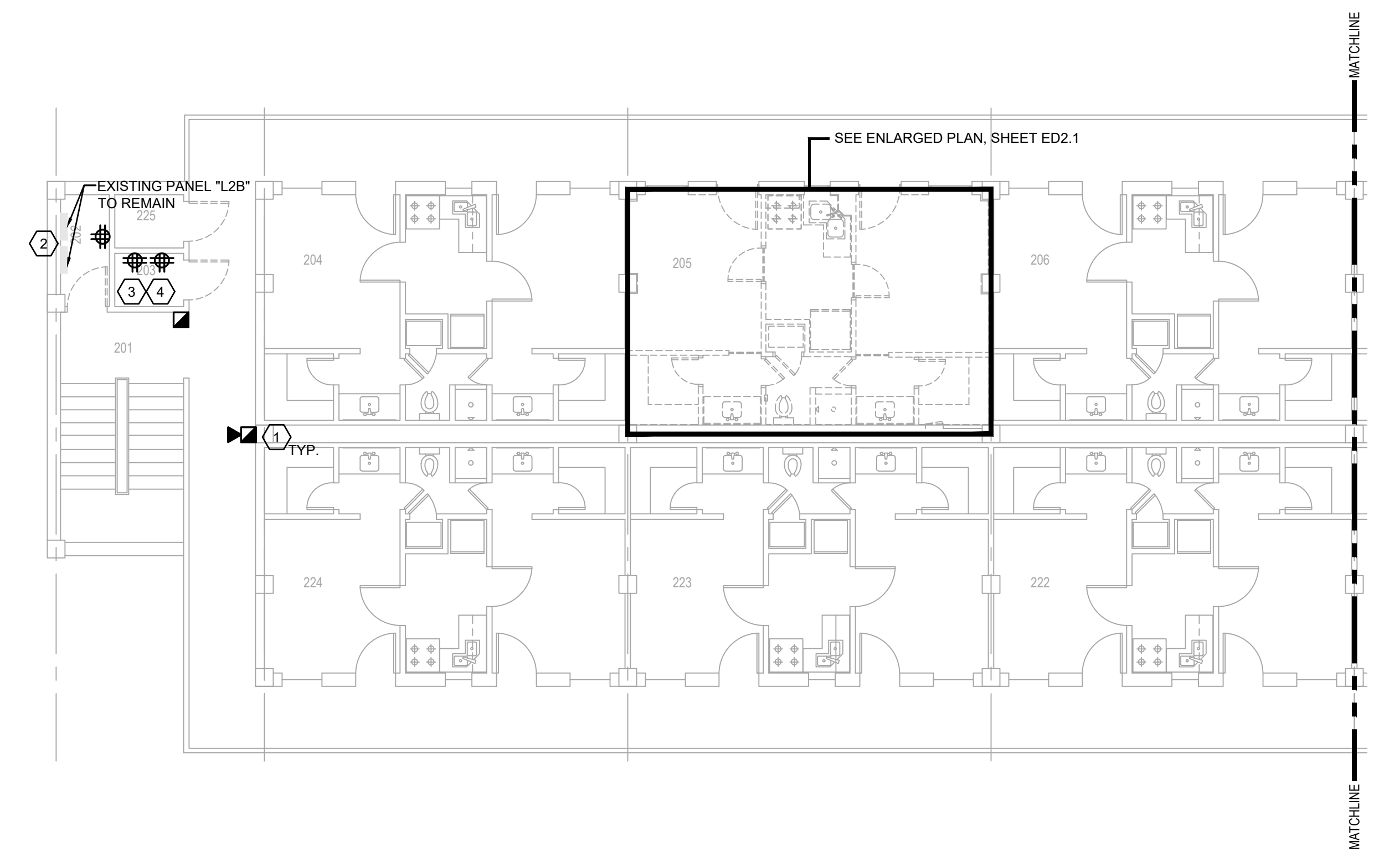
**ELECTRICAL DEMO NOTES:** ☐

(APPLICABLE TO THIS DRAWING ONLY.)

1. DEMO ALL EXISTING RECEPTACLES, DATA OUTLETS, AND FIRE ALARM DEVICES. EXISTING CONDUITS/CONDUCTORS SHALL BE PROTECTED FOR FUTURE CONNECTION TO RECEPTACLES AT THE SAME LOCATIONS. EXISTING COMM WIRE TO BE REPLACED WITH NEW CAT6 CABLING EXTENDED FROM EXISTING RACKS TO NEW DATA OUTLET AT THE SAME LOCATION.
2. ALL EXISTING PANELS/SWITCHBOARD ARE TO REMAIN.
3. AT&T HAS AN OUTSIDE PLANT CABLING PRESENCE IN ROOM 110A THAT MUST REMAIN AS IS. THEY HAVE THE CABLES THAT GO FROM ROOM 110A TO COMM ROOMS 214, 203, 314, AND 303 WHICH MUST ALSO REMAIN AS IS.
4. BONGO, A COMMERCIAL INTERNET SERVICE PROVIDER, HAS REMOVED ALL THEIR ACCESS POINTS FROM THE FACILITY ANY OF THEIR REMAINING EQUIPMENT WILL BE REMOVED BY 2 CS.



**SECOND FLOOR ELECTRICAL POWER/SYSTEMS DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



**PRELIMINARY**  
NOT TO BE USED FOR  
CONSTRUCTION,  
BIDDING,  
RECORDATION,  
CONVEYANCE, SALES,  
OR AS THE BASIS FOR  
THE ISSUANCE OF A  
PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AEJ&C.com  
ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687  
THESE DRAWINGS DO NOT INCLUDE NECESSARY  
COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO  
OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC.  
ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK: 318-475-9960 FAX: 318-475-9962

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**THIRD FLOOR  
ELECTRICAL DEMOLITION  
PLAN**

SHEET **ED2.3** OF **24E**

PROJECT TITLE  
REPAIR DORM BOLO  
B4351

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

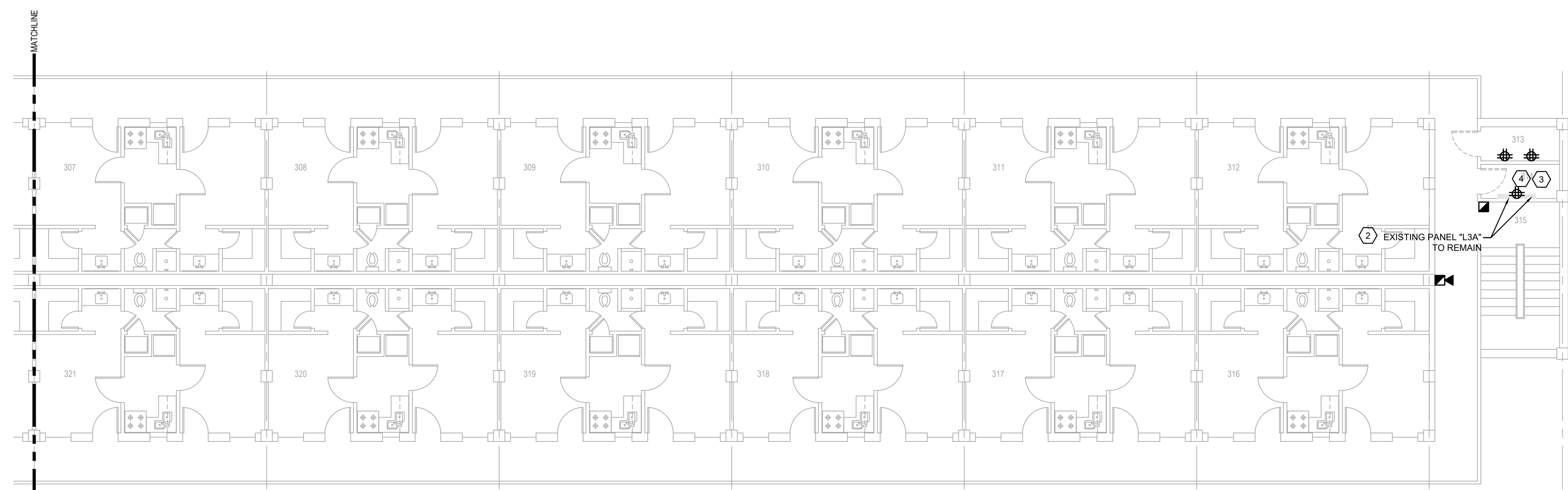
Project Number  
OPP. NO. 1086485

Drawing Number  
Facility Number  
B4351

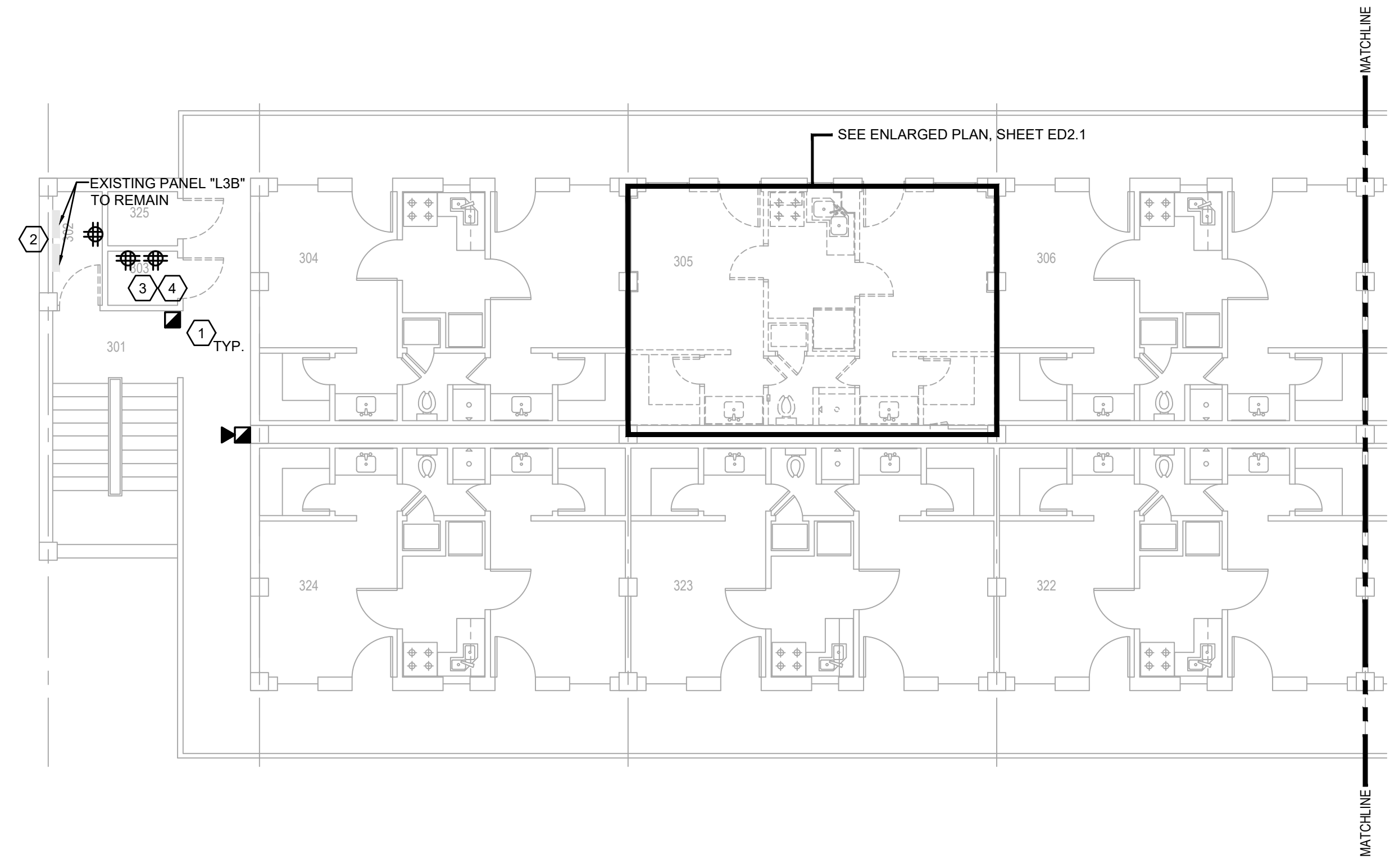
**ELECTRICAL DEMO NOTES:** ⬡

(APPLICABLE TO THIS DRAWING ONLY)

1. DEMO ALL EXISTING RECEPTACLES, DATA OUTLETS, AND FIRE ALARM DEVICES. EXISTING CONDUITS/CONDUCTORS SHALL BE PROTECTED FOR FUTURE CONNECTION TO RECEPTACLES AT THE SAME LOCATIONS. EXISTING COMM WIRE TO BE REPLACE WITH NEW CAT6 CABLING EXTENDED FROM EXISTING RACKS TO NEW DATA OUTLET AT THE SAME LOCATION.
2. ALL EXISTING PANELS/SWITCHBOARD ARE TO REMAIN.
3. AT&T HAS AN OUTSIDE PLANT CABLING PRESENCE IN ROOM 110A THAT MUST REMAIN AS IS. THEY HAVE TIE CABLES THAT GO FROM ROOM 110A TO COMM ROOMS 214, 203, 314, AND 303 WHICH MUST ALSO REMAIN AS IS.
4. BOINGO, A COMMERCIAL INTERNET SERVICE PROVIDER, HAS REMOVED ALL THEIR ACCESS POINTS FROM THE FACILITY ANY OF THEIR REMAINING EQUIPMENT WILL BE REMOVED BY 2 CS.
5. DISCONNECT THE EXISTING CIRCUITS SERVING THE EXISTING ERV IN THE ATTIC AND HOLD FOR CONNECTION TO NEW DISCONNECT FOR NEW OAU (REF. SHEET E3.4). THE EXISTING CONDUIT AND CONDUCTORS CAN REMAIN AND BE RE-USED TO FEED THE TWO NEW OAU'S THAT WILL BE LOCATED IN THE ATTIC.



**THIRD FLOOR ELECTRICAL POWER/SYSTEMS DEMOLITION PLAN**  
SCALE: 5/8"=1'-0" (BLOOR ELECTRICAL LIGHTING DEMOLITION PLAN)



**PARTIAL ATTIC ELECTRICAL POWER/SYSTEMS DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



BARKSDALE AIR FORCE BASE LOUISIANA

APPROVED COORDINATION table with columns for SIGNATURE, OFFICE, and various roles like Chief of Engineering, Contracting, etc.



DESIGN FIRM information including address: 712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101

Table with columns for Designer, Project Manager, Drafter, Date

REVISION table with columns for REVISION, BY/DATE, TITLE 1-A 15%, 25 OCT 2023, etc.

ELECTRICAL GENERAL NOTES

SHEET information table: SHEET E1.1 OF 24E, PROJECT TITLE REPAIR DORM BOLA 84351, etc.

ABBREVIATIONS

Table of electrical abbreviations: AF AMPERE FRAME/FUSE, AFF ABOVE FINISHED FLOOR, AFG ABOVE FINISHED GRADE, etc.

ELECTRICAL LEGEND

Table of electrical symbols and descriptions: SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION. Includes symbols for outlets, switches, fire alarm, etc.

NOTE: ALL SYMBOLS MAY NOT BE USED

GENERAL NOTES

(APPLICABLE TO ALL ELECTRICAL DRAWINGS)

THE PLANS AND SPECIFICATIONS ARE ISSUED AS A COMPLETE SET. THE CONTRACTOR SHALL THOROUGHLY REVIEW THE COMPLETE SET OF DOCUMENTS...

PRIOR TO SUBMITTING A BID THE CONTRACTOR SHALL VISIT THE SITE, REVIEW THE EXISTING CONDITIONS AND ALLOW FOR LABOR, MATERIAL AND COORDINATION...

REFER TO THE CONTRACT DRAWINGS FOR LOCATIONS AND SPACE REQUIREMENTS OF ELECTRICAL EQUIPMENT. COORDINATE THE INSTALLATION OF ELECTRICAL EQUIPMENT WITH OTHER TRADES.

POWER FEEDERS MAY NOT BE SHOWN ON THE DRAWINGS. REFER TO PANEL SCHEDULES OR THE SINGLE LINE DIAGRAM FOR CONDUIT AND FEEDER INFORMATION.

ELECTRICAL SERVICE EQUIPMENT SHALL BE MARKED IN THE FIELD WITH THE CALCULATED, MAXIMUM AVAILABLE FAULT CURRENT AND DATE OF THE CALCULATION...

ELECTRICAL EQUIPMENT SUCH AS SWITCHBOARDS, SWITCHGEAR, PANELBOARDS, CONTROL PANELS, METER SOCKET ENCLOSURES AND MOTOR CONTROL CENTERS...

WHERE FIXTURE QUANTITIES ARE SHOWN ON DRAWINGS THEY ARE FOR AREA FIXTURE TYPE REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR FIXTURE COUNT AND SHALL VERIFY ALL FIXTURE QUANTITIES PRIOR TO BIDDING.

LIGHT FIXTURES ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL REFERENCE THE ARCHITECTURAL REFLECTED CEILING PLAN, BUILDING ELEVATIONS, AND DETAILS FOR EXACT HEIGHT AND LOCATIONS.

RECESSED LIGHT FIXTURES INSTALLED IN LAY-IN CEILINGS SHALL BE PROVIDED WITH GRID CLIPS, EVEN IF NOT SPECIFICALLY IDENTIFIED IN THE FIXTURE MODEL NUMBER.

WHERE SHOWN, THE NUMBER ADJACENT TO LIGHT FIXTURES REPRESENTS THE CIRCUIT NUMBER AND THE LETTER REPRESENTS THE SWITCH CONTROLLING THE FIXTURE. EMERGENCY BALLASTS, EXIT LIGHTING, AND EMERGENCY LIGHTS SHALL NOT BE SWITCHED AND SHALL BE CONNECTED TO THE CIRCUIT INDICATED.

ALL EXIT SIGNS AND THE EMERGENCY BATTERY BACK UP OF FIXTURES INDICATED BY "NL" SHALL BE CONNECTED UNSWITCHED. OTHERWISE, ALL CROSS-SHADED EMERGENCY FIXTURES SHALL BE SWITCHED NORMALLY WITH OTHER NON-EMERGENCY FIXTURES...

ELECTRICAL EQUIPMENT SHOWN ON THE DRAWING HAS BEEN SELECTED BASED ON DIMENSION TO FIT THE SPACE. THE CONTRACTOR SHALL VERIFY SUCH WITH PROPOSED EQUIPMENT DIMENSIONS PRIOR TO ORDERING OF THE EQUIPMENT.

MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR SIZING, CIRCUIT BREAKER OR FUSE PROTECTION OF ELECTRICALLY OPERATED EQUIPMENT MAY DIFFER FROM THOSE INDICATED ON DRAWINGS. CONTRACTOR SHALL CONFIRM RATINGS, PRIOR TO ORDERING EQUIPMENT.

FUSE SIZE FOR MECHANICAL EQUIPMENT DISCONNECT SWITCHES SHALL NOT BE GREATER THAN THE EQUIPMENT'S NAMEPLATE MOPP OR MAXIMUM FUSE SPECIFICATION. FUSED DISCONNECT SWITCHES SHALL BE INSTALLED WITH CLEARANCES PER NEC. DISCONNECT SWITCHES TO BE "HEAVY DUTY" TYPE.

CONTRACTOR SHALL REVIEW THE COMPLETE SET OF DOCUMENTS AND PROVIDE CONNECTION TO ALL ELECTRICALLY OPERATED EQUIPMENT INDICATED, EVEN IF NOT SHOWN ON THE ELECTRICAL PLANS, UNLESS OTHERWISE NOTED. COORDINATE THE LOCATION AND ELECTRICAL CONNECTION REQUIREMENTS PRIOR TO ORDERING OR INSTALLATION OF ELECTRICAL EQUIPMENT.

COORDINATE EXACT LOCATIONS OF ALL DEVICES, SWITCHES, RECEPTACLES, BOXES, COMM. OUTLETS, ETC. WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.

JUNCTION AND OUTLET BOXES SHALL BE SIZED IN ACCORDANCE WITH NEC SECTION 314. MINIMUM SIZE FOR JUNCTION BOXES SHALL BE 4"SQ. X 2-1/8"D. BOXES LARGER THAN MINIMUM SIZE WILL BE REQUIRED AT SOME LOCATIONS.

CIRCUITING AND HOMERUN CONDUITS SHALL BE INSTALLED AS INDICATED ON THE ELECTRICAL PLANS. DO NOT CHANGE CIRCUIT NUMBERS WITHOUT PRIOR APPROVAL FROM ENGINEER. WHERE HOMERUNS ARE SHOWN AS A SINGLE HOMERUN FOR LIGHTS OR RECEPTACLE CIRCUITS, CONTRACTOR SHOULD GROUP A MAXIMUM OF THREE CIRCUITS OR 6-CURRENT CARRYING CONDUCTORS PER HOMERUN TO CONSERVE CONDUIT SPACE AT PANEL.

ALL CONDUIT PENETRATIONS THROUGH FIRE-RATED WALLS AND FLOORS SHALL BE SEALED FOR MAINTAINING THE RATING OF THE ASSEMBLY. DO NOT INSTALL FLUSH MOUNTED BOXES BACK-TO-BACK IN WALLS, OFFSET BOXES IN ADJACENT STUD CAVITIES. MAINTAIN AT LEAST A 24 INCH SEPARATION IN FIRE-RATED WALLS. SEE ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE-RATED WALLS.

TERMINATION OF PHASE, NEUTRAL, AND GROUNDING CONDUCTORS SHALL BE MADE TO INDIVIDUAL TERMINALS/LUGS AT PANELS, DISCONNECTS, DEVICES, ETC. UNLESS MULTIPLE CONDUCTOR TERMINATIONS ARE SPECIFICALLY ALLOWED BY THE MANUFACTURER. WHERE MULTIPLE CONDUCTOR TERMINATIONS ARE ALLOWED, THE TERMINATIONS SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

ALL CIRCUITS SHALL INCLUDE AN EQUIPMENT GROUND CONDUCTOR IN THE RACEWAY.

NEW CIRCUIT BREAKERS FOR EXISTING PANELS SHALL BE BY THE PANELBOARD MANUFACTURER AND UL-LISTED FOR THE USE WITH AN AIC RATING EQUAL TO THE EXISTING BREAKERS. CIRCUIT BREAKERS SERVING HVAC EQUIPMENT SHALL BE TYPE HACR. UPDATE CIRCUIT DIRECTORY OF EXISTING PANELS FOR ANY CHANGES MADE.

FIRE ALARM SYSTEM WORK SHALL BE BY A FIRE ALARM CONTRACTOR LICENSED FOR WORK IN THE STATE OF THE PROJECT. ALL FIRE ALARM WIRING SHALL BE RUN IN CONDUIT.

FINAL QUANTITY AND LOCATION OF FIRE ALARM DEVICES SHALL BE IN ACCORDANCE WITH NFPA-72, ADA, MANUFACTURER'S REQUIREMENTS, NFPA-101, IBC, AND ANY ADDITIONAL LOCAL GOVERNING CODES.

THE FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR THOROUGHLY REVIEWING THE COMPLETE SET OF PLANS AND SPECIFICATIONS TO ASCERTAIN/VERIFY REQUIRED DEVICE LOCATIONS.

PRIOR TO BID, THE CONTRACTOR SHALL VISIT THE SITE TO ASCERTAIN REQUIREMENTS FOR INSTALLING THE NEW FIRE ALARM SYSTEM.

INSTALL SMOKE DETECTORS IN ACCORDANCE WITH NFPA 72 AND THE MANUFACTURER'S INSTRUCTIONS. MAINTAIN A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM WALLS, LIGHT FIXTURES, AND OTHER OBJECTS AND 12 INCHES FROM FIXTURES. DETECTORS SHALL NOT BE INSTALLED WITHIN 3 FEET OF HVAC SUPPLY DIFFUSERS OR IN THE DIRECT AIR FLOW OF HVAC SUPPLY DIFFUSERS.

CONTRACTOR SHALL PROPERLY SEAL ALL EXISTING PENETRATIONS BETWEEN FLOORS, ROOMS, AND FIRE WALLS.

COMPRESSION TYPE CONNECTORS ARE REQUIRED, NO SCREW TYPE.

UPDATE ALL PANEL DIRECTORIES.

LABEL NEW DEVICE PLATES WITH CIRCUIT AND PANELBOARD INFORMATION.

CONDUCTOR SIZE #12 AND LARGER SHALL BE STRANDED, #14 AND SMALLER SHALL BE SOLID OR STRANDED.

PRELIMINARY NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS logo and contact information: 3023 KNIGHT STREET, SUITE 100, SHREVEPORT, LOUISIANA 71105

ENGINEER: DANIEL W. BROWN, P.E. LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

Project Number OPP. NO. 1086485

Facility Number B4351





**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM  
**KBA**  
kevin bryan architect  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK 318-675-9960 FAX 318-675-9962

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**FIRST FLOOR ELECTRICAL LIGHTING PLAN**

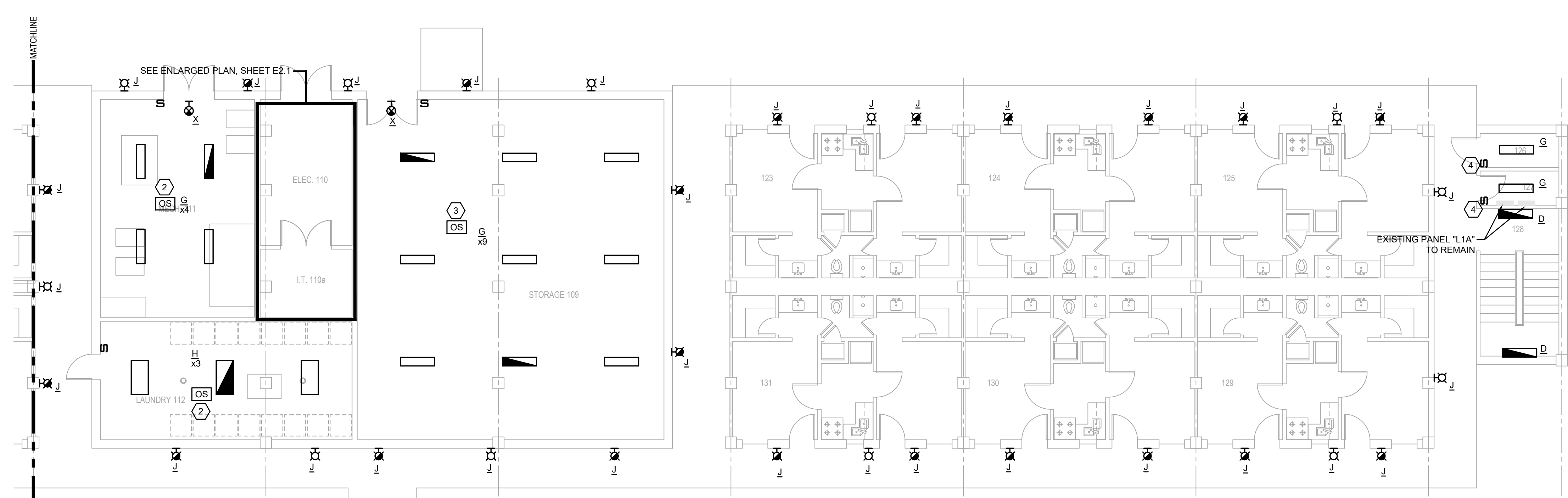
SHEET **E2.1** OF **24E**

PROJECT TITLE  
REPAIR DORM BOLO B4351  
BARKSDALE AIR FORCE BASE, LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

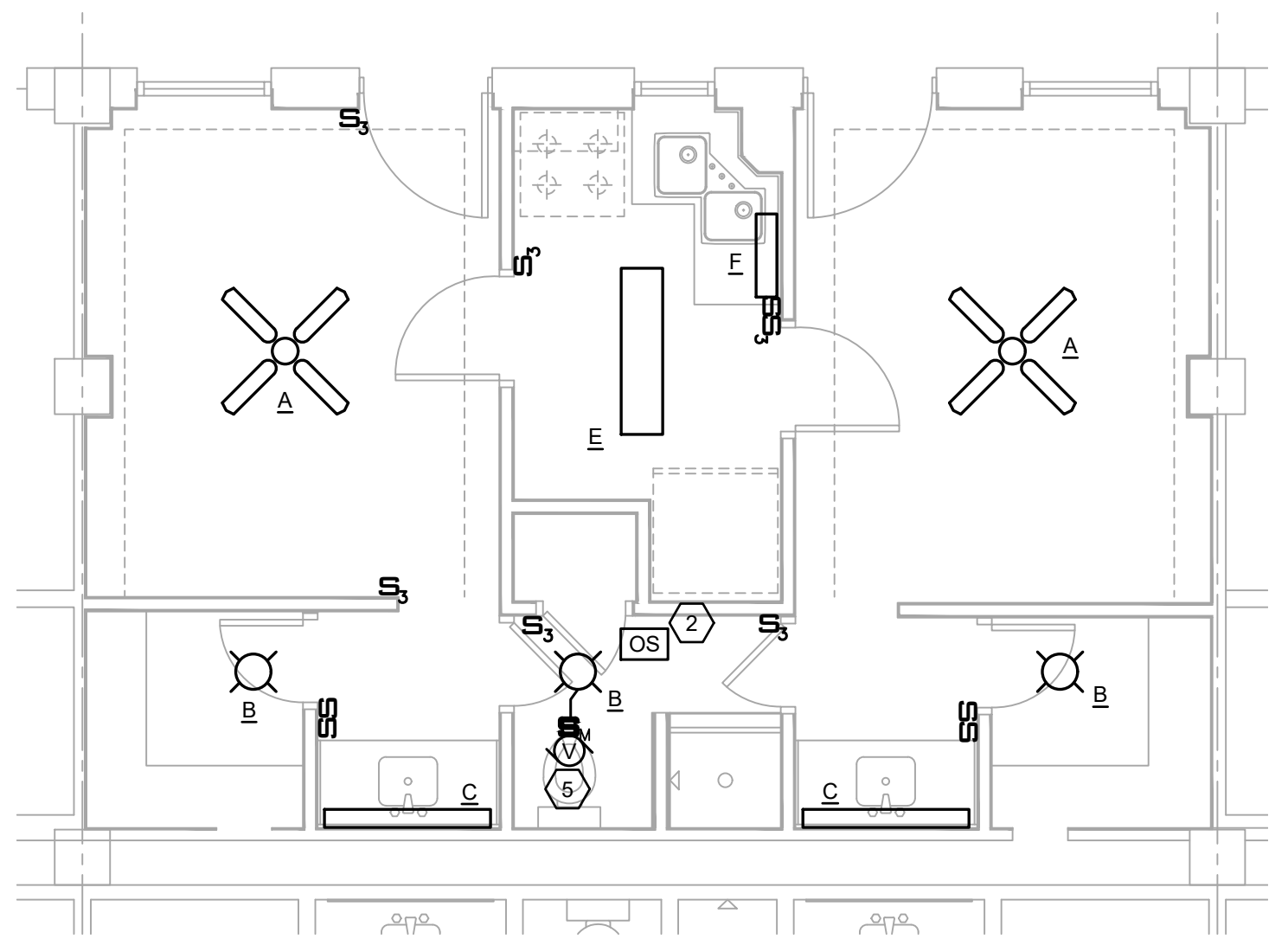
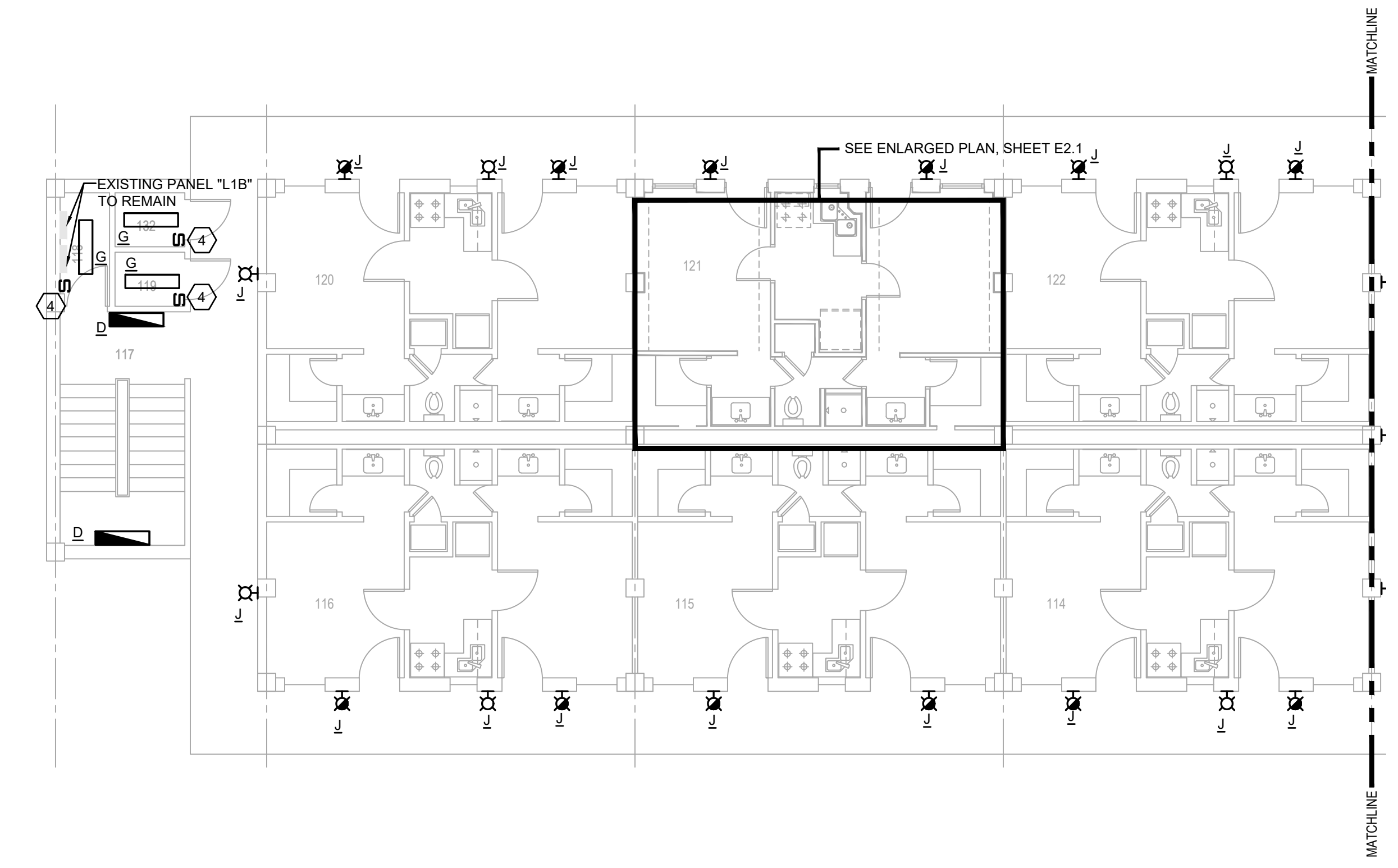
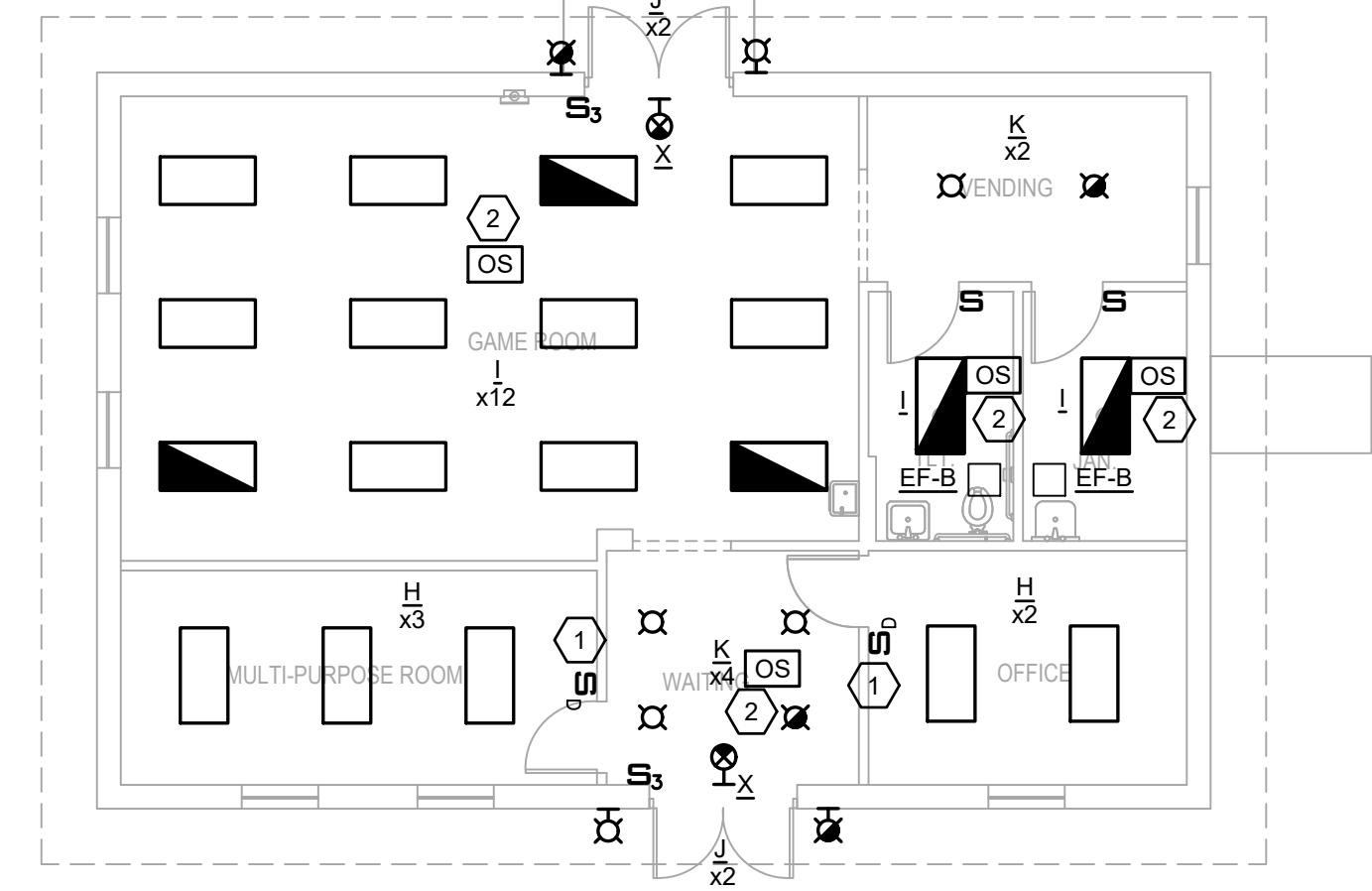
**ELECTRICAL NOTES:**

- (APPLICABLE TO THIS DRAWING ONLY)
- DUAL TECHNOLOGY, SELF ADAPTIVE, WALL MOUNTED, DIMMING OCCUPANCY SENSOR EQUAL TO HUBBELL "LHDMMS2-N-WH".
  - DUAL TECHNOLOGY, SELF ADAPTIVE, CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO HUBBELL "OMNI DT-500". PROVIDE POWER PACK(S) AS REQUIRED FOR LIGHTING LOAD CONTROLLED. EXACT QUANTITY AND LOCATION OF SENSORS AS PER MANUFACTURER'S RECOMMENDATION.
  - DUAL TECHNOLOGY, SELF ADAPTIVE, CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO HUBBELL "OMNI DT-2000". PROVIDE POWER PACK(S) AS REQUIRED FOR LIGHTING LOAD CONTROLLED. EXACT QUANTITY AND LOCATION OF SENSORS AS PER MANUFACTURER'S RECOMMENDATION.
  - PASSIVE INFRARED, SELF ADAPTIVE, WALL MOUNTED OCCUPANCY SENSOR SWITCH EQUAL TO HUBBELL "LH-IR-S-1-W".
  - EXHAUST FAN CONNECTED TO RESTROOM LIGHTS. FAN TO RUN WITH LIGHTS ON.

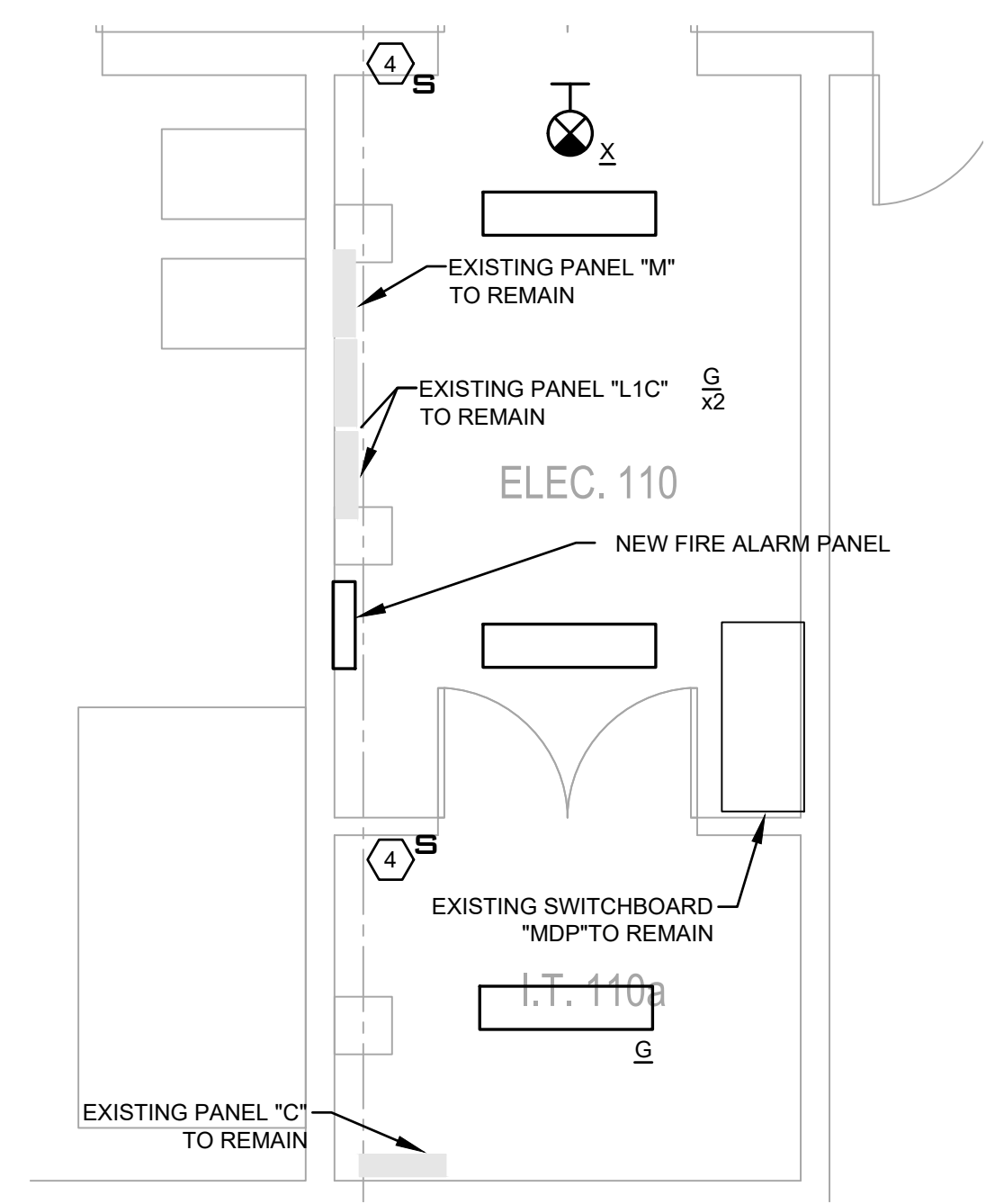
NOTE:  
ALL NEW FIXTURES SHALL BE CONNECTED TO THE EXISTING CIRCUIT THAT SERVED THE DEMO'D FIXTURE THAT THE NEW FIXTURE REPLACES. CONTRACTOR SHALL REPLACE ANY DAMAGED CONDUCTORS THAT ARE PART OF THE LIGHTING BRANCH CIRCUIT AS NECESSARY. FOR THE PURPOSES OF PRICING, THE CONTRACTOR SHALL ASSUME THE REPLACEMENT OF 5% OF THE CONDUCTORS.



**FIRST FLOOR LIGHTING PLAN**  
SCALE: 1/8"=1'-0"



**TYPICAL ENLARGED FIRST FLOOR SUITE LIGHTING PLAN**  
SCALE: 1/4"=1'-0"



**ENLARGED ELECTRICAL & IT ROOM LIGHTING PLAN**  
SCALE: 1/4"=1'-0"

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Field Manager
	Ground Safety
	Communication
	Computers
	Bioregional
	Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM



Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**SECOND FLOOR  
ELECTRICAL LIGHTING  
PLAN**

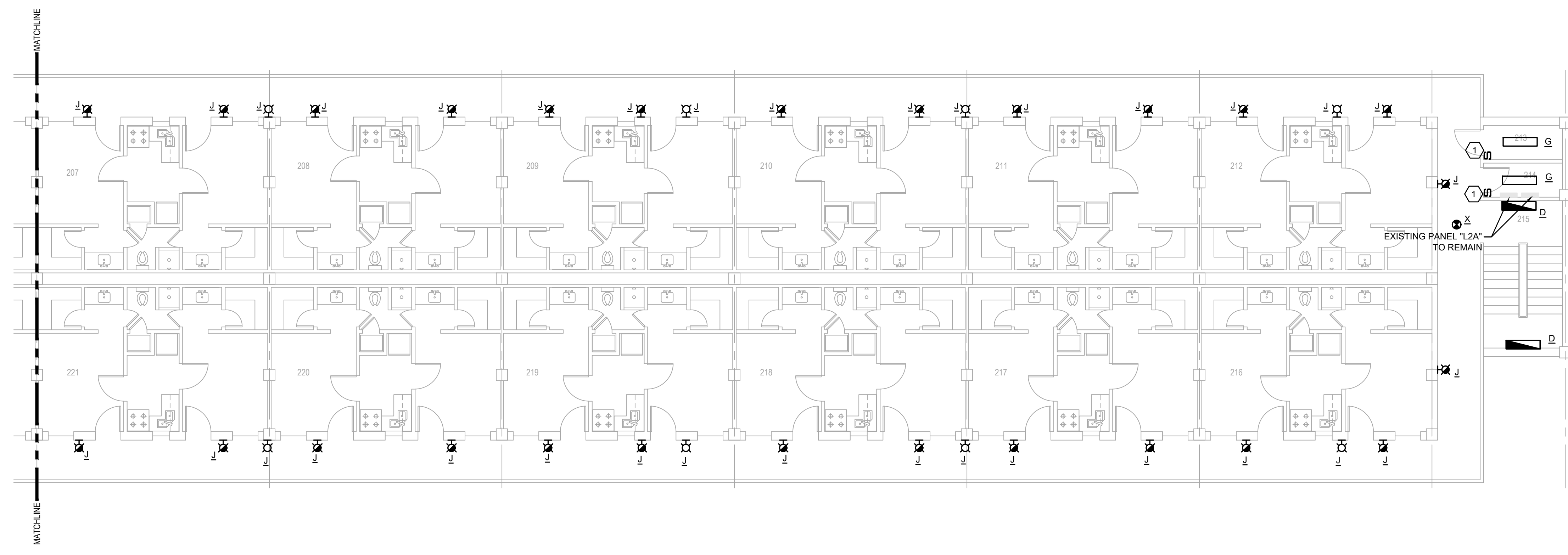
SHEET **E2.2** OF **24E**

PROJECT TITLE  
REPAIR DORM BULO  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

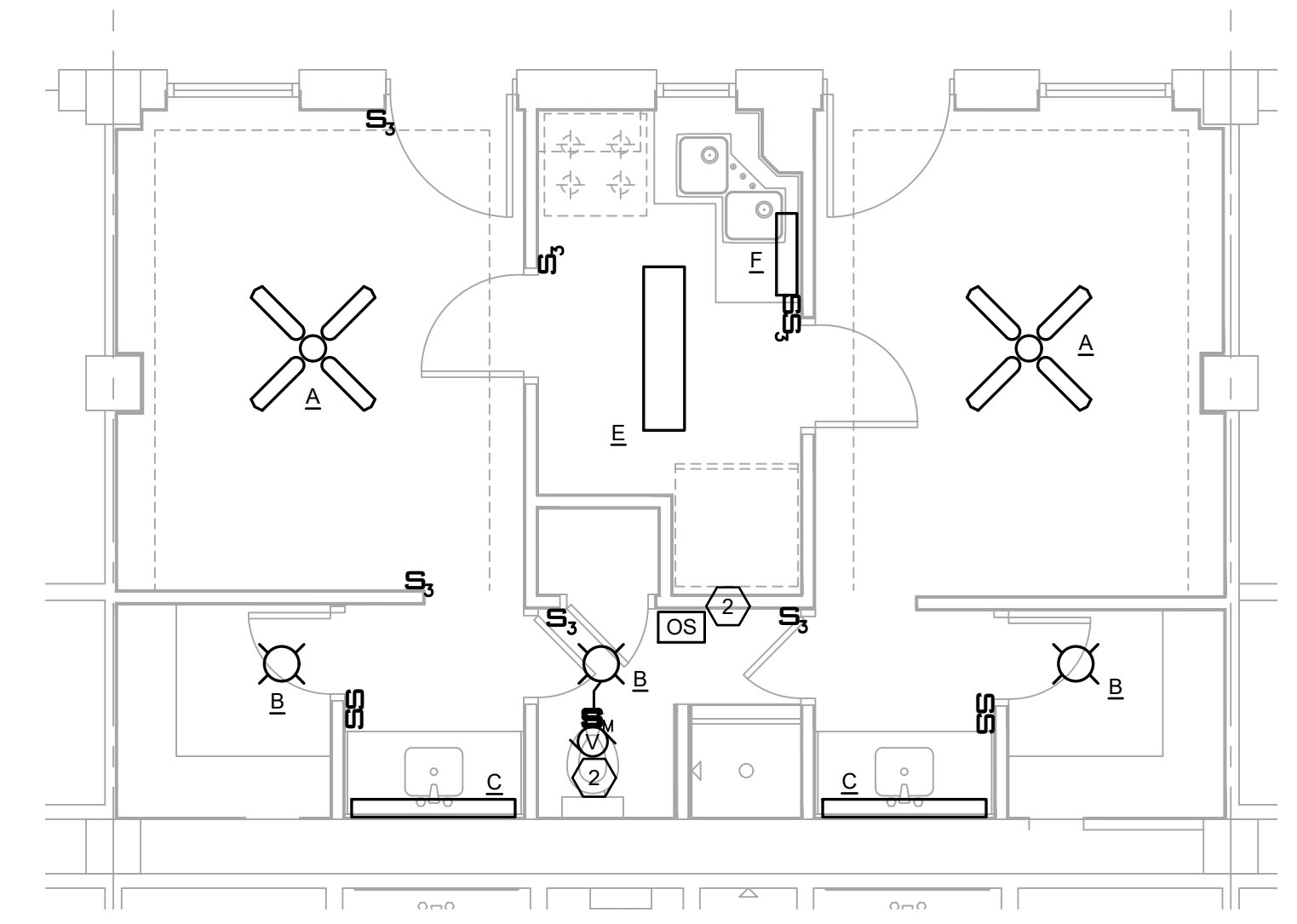
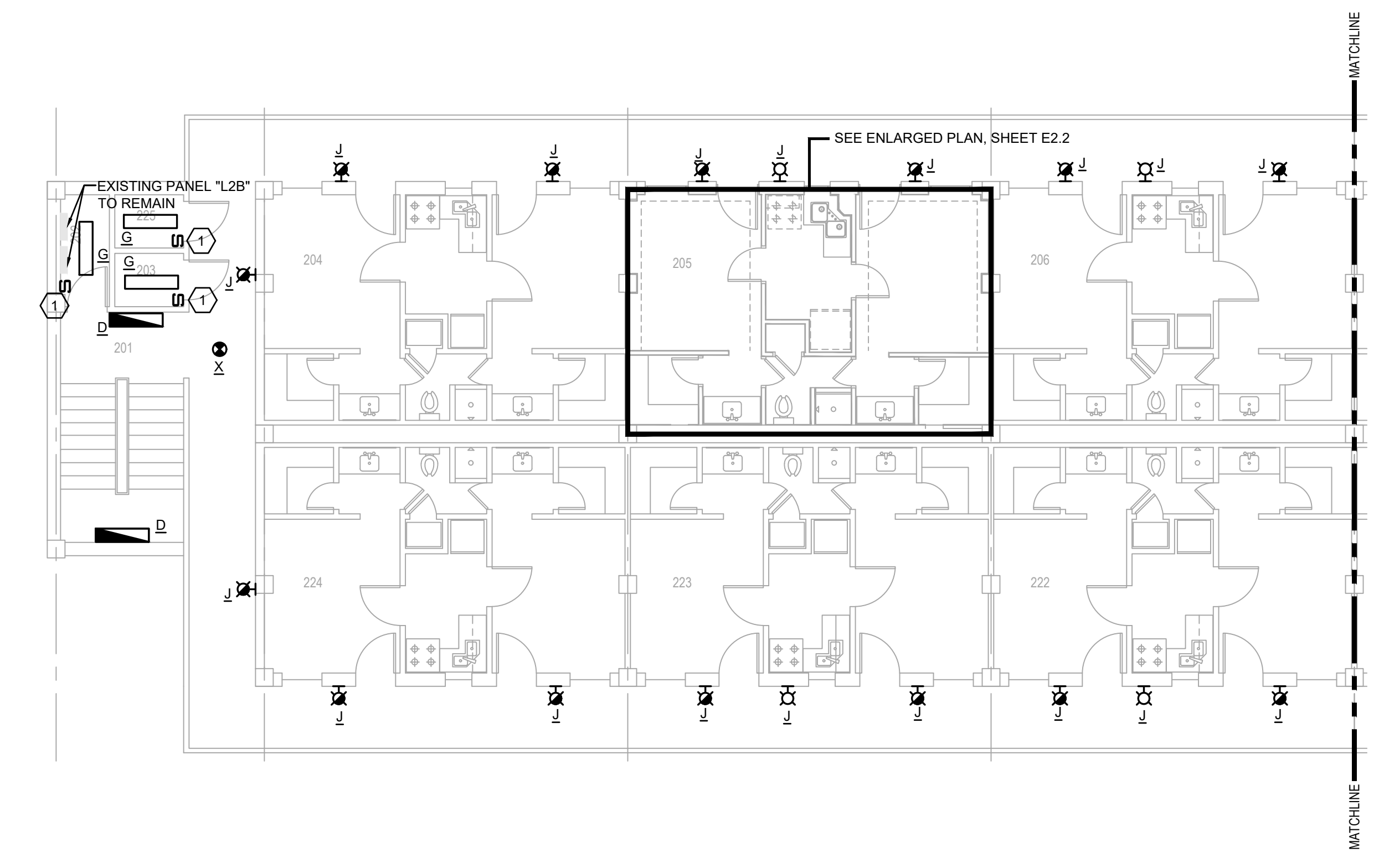
**ELECTRICAL NOTES:** (APPLICABLE TO THIS DRAWING ONLY)

- PASSIVE INFRARED, SELF ADAPTIVE, WALL MOUNTED OCCUPANCY SENSOR SWITCH EQUAL TO HUBBELL "LH-IR-S-1-W".
- EXHAUST FAN CONNECTED TO RESTROOM LIGHTS. FAN TO RUN WITH LIGHTS ON.

NOTE:  
ALL NEW FIXTURES SHALL BE CONNECTED TO THE EXISTING CIRCUIT THAT SERVED THE DEMO'D FIXTURE THAT THE NEW FIXTURE REPLACES. CONTRACTOR SHALL REPLACE ANY DAMAGED CONDUCTORS THAT ARE PART OF THE LIGHTING BRANCH CIRCUIT AS NECESSARY. FOR THE PURPOSES OF PRICING, THE CONTRACTOR SHALL ASSUME THE REPLACEMENT OF 5% OF THE CONDUCTORS.



**SECOND FLOOR LIGHTING PLAN**  
SCALE: 1/8"=1'-0"



**TYPICAL ENLARGED SECOND FLOOR SUITE LIGHTING PLAN**  
SCALE: 1/4"=1'-0"

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.af-jmc.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-JMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-JMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Field Manager
	Ground Safety
	Communication
	Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9920 FAX: 318-475-9922

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024


SHEET TITLE  
**THIRD FLOOR  
ELECTRICAL LIGHTING  
PLAN**

SHEET **E2.3** OF **24E**

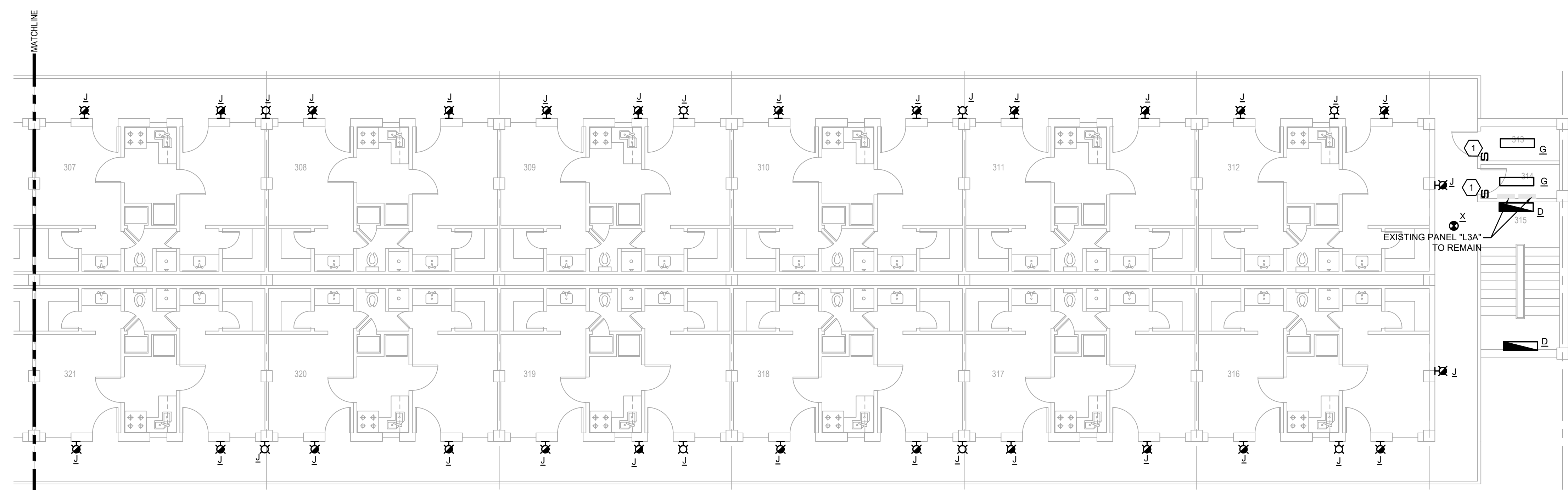
PROJECT TITLE  
REPAIR DORM BULO  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

**ELECTRICAL NOTES:**

(APPLICABLE TO THIS DRAWING ONLY)

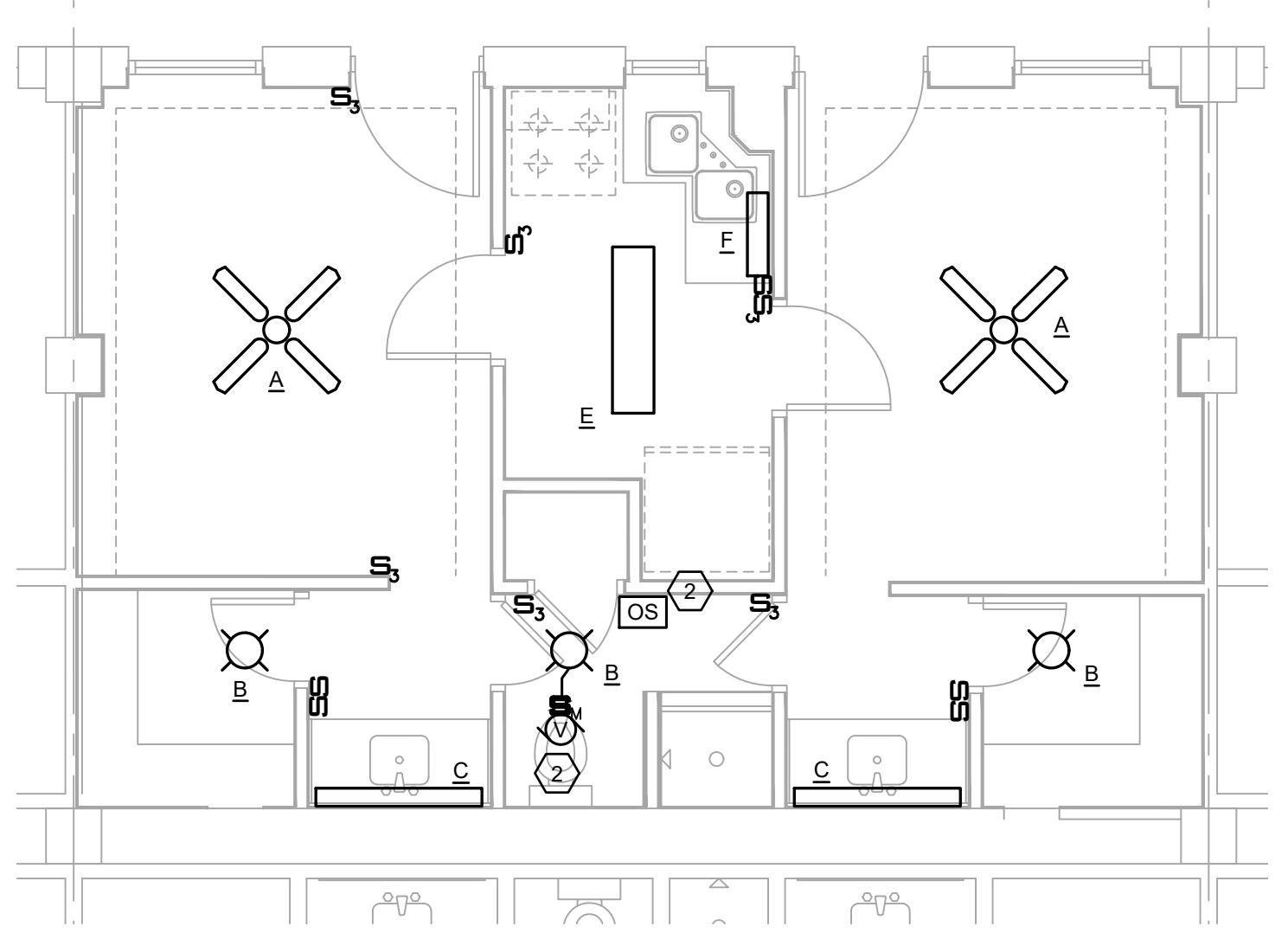
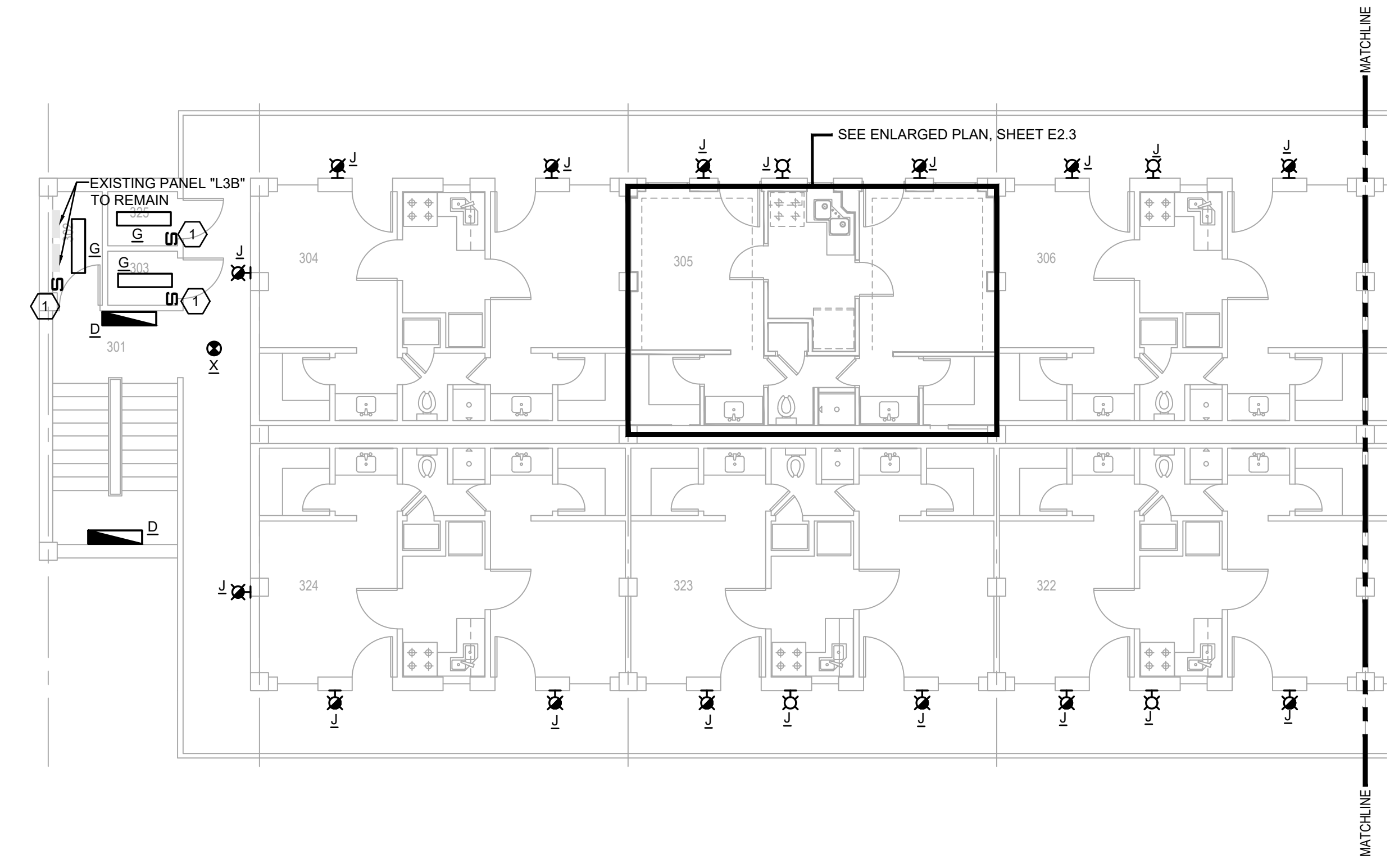
- PASSIVE INFRARED, SELF ADAPTIVE, WALL MOUNTED OCCUPANCY SENSOR SWITCH EQUAL TO HUBBELL "LH-IR-S-1-W".
- EXHAUST FAN CONNECTED TO RESTROOM LIGHTS. FAN TO RUN WITH LIGHTS ON.

NOTE:  
ALL NEW FIXTURES SHALL BE CONNECTED TO THE EXISTING CIRCUIT THAT SERVED THE DEMOD FIXTURE THAT THE NEW FIXTURE REPLACES. CONTRACTOR SHALL REPLACE ANY DAMAGED CONDUCTORS THAT ARE PART OF THE LIGHTING BRANCH CIRCUIT AS NECESSARY. FOR THE PURPOSES OF PRICING, THE CONTRACTOR SHALL ASSUME THE REPLACEMENT OF 5% OF THE CONDUCTORS.



**THIRD FLOOR LIGHTING PLAN**

SCALE: 1/8"=1'-0"



**TYPICAL ENLARGED THIRD FLOOR SUITE LIGHTING PLAN**

SCALE: 1/4"=1'-0"

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7422 fax: 318-425-4622  
www.AEJMC.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

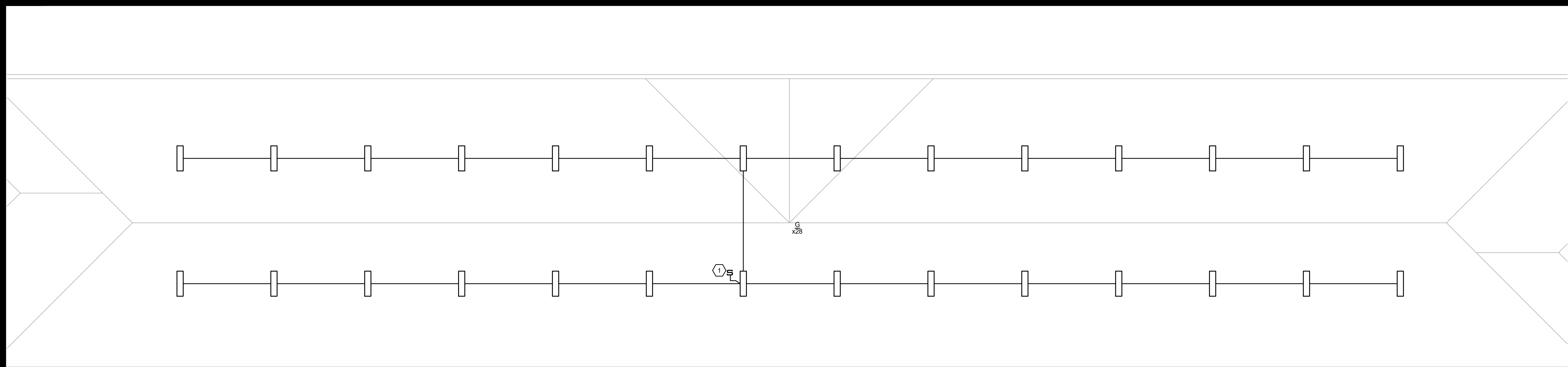
THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



**ATTIC FLOOR LIGHTING PLAN**

SCALE: 1/8"=1'-0"

**ELECTRICAL NOTES:**

(APPLICABLE TO THIS DRAWING ONLY)  
1. SWITCH LOCATED NEXT TO ATTIC ACCESS.

NOTE:  
ALL NEW FIXTURES SHALL BE CONNECTED TO THE EXISTING CIRCUIT THAT SERVED THE DEMOD FIXTURE THAT THE NEW FIXTURE REPLACES. CONTRACTOR SHALL REPLACE ANY DAMAGED CONDUCTORS THAT ARE PART OF THE LIGHTING BRANCH CIRCUIT AS NECESSARY. FOR THE PURPOSES OF PRICING, THE CONTRACTOR SHALL ASSUME THE REPLACEMENT OF 5% OF THE CONDUCTORS.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9960 FAX: 318-475-9962

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**ATTIC FLOOR ELECTRICAL LIGHTING PLAN**

SHEET **E2.4** OF **24E**

PROJECT TITLE  
REPAIR DORM BOLO B4351

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
OPP. NO. 1086485

Drawing Number  
Facility Number  
B4351

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Refining Engineer
	Placements Engineer
	Corrosion Engineer
	Protective Coating Eng.



Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET	<b>E3.1</b>	OF	24E
-------	-------------	----	-----

**FIRST FLOOR ELECTRICAL POWER/SYSTEMS PLAN**

PROJECT TITLE  
REPAIR DORM BOLO  
B4351

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
OPP. NO. 1086485

Drawing Number  
Facility Number  
B4351

**ELECTRICAL NOTES:**

(APPLICABLE TO THIS DRAWING ONLY)

- THE COMMUNICATIONS CONVEYANCE FROM ROOM 110A TO ROOM 101 THROUGH ROOM 106 MUST BE EVALUATED AND VERIFIED THAT THE NEW CABLING WILL BE PROTECTED FROM THE ELEMENTS AS IT TRANSITIONS FROM THE MAIN BUILDING TO THESE ROOMS. IF IT IS NOT, CONTRACTOR WILL NEED TO REPAIR/REPLACE EXISTING CONVEYANCE OR INSTALL ALL NEW CONDUIT FROM ROOM 110A TO ROOMS 101 THROUGH 106.
- ALL NEW COMM OUTLETS SHALL CONSIST OF (2) CAT6 CABLES AND WILL BE RUN BACK TO ITS APPLICABLE COMMUNICATIONS ROOM.
  - THE 1ST FLOOR CAT-6 CABLES APPEAR TO BE SERVICED FROM ROOM 110A.
  - 2ND FLOOR CAT-6 CABLES DROPS COME FROM APPLICABLE ROOMS TO EITHER ROOM 203 OR 213.
  - 3RD FLOOR CAT-6 CABLE DROPS COME FROM APPLICABLE ROOMS TO EITHER ROOM 303 OR 313.
- CONNECT NEW FCU UNIT TO THE SAME CIRCUIT THAT SERVED THE DEMO'D UNIT. PROVIDE A MOTOR RATED 20A/1P TOGGLE SWITCH TO SERVE AS THE LOCAL MEANS OF DISCONNECT IF FCU DOES NOT HAVE AN INTEGRAL DISCONNECT SWITCH.
- CONNECT NEW EXHAUST FAN TO THE EXISTING CIRCUIT THAT SERVED THE DEMO'D EXHAUST FAN AT THE SAME LOCATION. VERIFY THE EXISTING CIRCUIT IS A 15A/2P OR 20A/2P WITH #12 CONDUCTORS. REPLACE IF IT IS ANYTHING ELSE.
- CATV OUTLET. CATV OUTLET CABLING ORIGINATES FROM ROOM 110A.
- MOTORIZED DAMPER. COORDINATE WITH MECHANICAL FOR CONTROL/INTERLOCK. CONNECT EACH MOTORIZED DAMPER TO A 20A/1P SPARE BREAKER IN PANEL "L1C" WITH 2#12,#12G IN 3/4"C.
- CONNECT UH-1 TO THE EXISTING CIRCUIT THAT SERVED THE DEMO'D UNIT A THE SAME LOCATION. PROVIDE A 20A 1-POLE MOTOR RATED TOGGLE SWITCH TO SERVE AS THE LOCAL MEANS OF DISCONNECT.
- CONNECT EUH-1 TO THE EXISTING CIRCUIT M:29/31 THAT SERVED THE DEMO'D UNIT HEATER AT THE SAME LOCATION. PROVIDE A 30A 2-POLE MOTOR RATED TOGGLE SWITCH TO SERVE AS THE LOCAL MEANS OF DISCONNECT.
- CONNECT BCU-1 DUCT HEATER TO THE EXISTING CIRCUIT THAT SERVED THE DEMO'D EQUIPMENT AT THE SAME LOCATION. VERIFY DUCT HEATER REQUIRES 15A/3P BREAKER. IF NOT, REPLACE EXISTING BREAKER/CONDUCTORS WITH NEW PER THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE A NEW 15A/1P BREAKER IN EXISTING PANEL "M" TO SERVE BCU-1 CONTROL CIRCUIT. RE-USE THE EXISTING CONDUIT/CONDUCTORS THAT SERVED THE DEMO'D EQUIPMENT AT THE SAME LOCATION.
- CONNECT HWP-1 AND HWP-2 TO THE EXISTING CIRCUIT THAT SERVED THE DEMO'D EQUIPMENT AT THE SAME LOCATION. VERIFY EXISTING CIRCUIT IS A MINIMUM OF 25A/3P AND #10 WIRE. IF NOT, REPLACE EXISTING BREAKER AND CONDUCTOR WITH 25A/3P AND 3#10,#10G.
- CONNECT CWP-1 AND CWP-2 TO THE EXISTING CIRCUIT THAT SERVED THE DEMO'D EQUIPMENT AT THE SAME LOCATION. VERIFY EXISTING CIRCUIT IS A MINIMUM OF 25A/3P AND #10 WIRE. IF NOT, REPLACE EXISTING BREAKER AND CONDUCTOR WITH 25A/3P AND 3#10,#10G.
- PROVIDE A NEW 20A/1P BREAKER IN EXISTING PANELBOARD "M" TO SERVE NEW GAS FIRED BOILER. EXTEND 2#12,#12G IN 3/4"C FROM BREAKER TO A MOTOR RATED TOGGLE SWITCH NEXT TO BOILER TO SERVE AS A LOCAL MEANS OF DISCONNECT.
- REPLACE THE BREAKERS THAT SERVED THE PREVIOUS WATER HEATERS WITH (3) 20A/1P BREAKERS IN EXISTING PANELBOARD "M". EXTEND 2#12,#12G IN 3/4"C FROM EACH OF THE BREAKERS TO ONE OF THE MOTOR RATED TOGGLE SWITCHES SERVING AS A LOCAL MEANS OF DISCONNECT FOR EACH GAS FIRED WATER HEATER.
- REPLACE THE EXISTING 100A/3P BREAKER IN EXISTING MDP WITH A NEW 50A/3P BREAKER TO SERVE NEW AHU-1. EXTEND 3#8,#10G THROUGH THE EXISTING CONDUIT TO THE NEW DISCONNECT SERVING THE NEW AHU-1.
- REPLACE THE EXISTING 50A/2P BREAKER IN EXISTING PANEL "M" WITH A NEW 30A/3P BREAKER TO SERVE NEW HP-1. EXTEND 3#8,#10G THROUGH THE EXISTING CONDUIT TO THE NEW DISCONNECT SERVING THE NEW HP-1.
- PROVIDE (2) NEW 40A/3P BREAKERS IN EXISTING PANEL "L1C" SECTION 2 TO SERVE NEW OAHP-1 AND OAHP-2. CONNECT NEW BREAKERS TO NEW DISCONNECTS WITH 3#8,#10G IN 3/4"C.
- PROVIDE A NEW 15A/2P BREAKER IN EXISTING PANEL "C" TO SERVE NEW FCU-IT. CONNECT BREAKER TO DISCONNECT WITH 2#12,#12G IN 3/4"C.
- PROVIDE A NEW 15A/2P BREAKER IN EXISTING PANEL "C" TO SERVE NEW CU-IT. CONNECT BREAKER TO DISCONNECT WITH 2#12,#12G IN 3/4"C.
- REPLACE WALL MOUNT CABINET JUST INSIDE ROOM 110A ON NORTH WALL WITH A LOCKABLE LIKE CABINET (TRIPP LITE PART# SRW10U5).

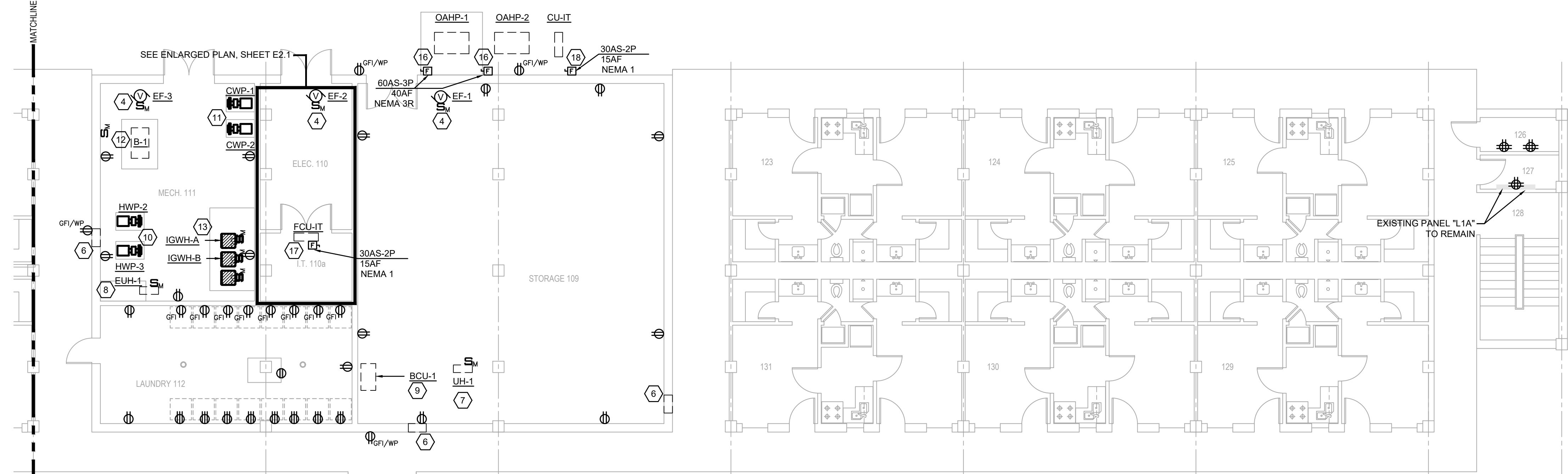
**NOTE:**  
ALL CABLE CONTAINMENT PROVIDED WILL USE EITHER J-HOOKS (J-HOOK SPACING SHALL NOT EXCEED 36 INCHES), AND OR CONDUITS. TIA/EIA-569-B, PARA. 8.6.1 & UFC 3-580-01 PARA. 2-5.3.1. CABLE CONTAINMENT WILL NOT EXCEED THE 50% FILL RATE. ONCE ALL CABLES HAVE BEEN INSTALLED THERE SHALL BE 50% SPARE CAPACITY LEFT IN ALL CONTAINMENT DEVICES.

**NOTE:**  
CAT6 CABLES SHALL HAVE A 1 METER MAINTENANCE LOOP AT THE OUTLET END ABOVE THE CEILING AND A 3 METER LOOP PROVIDED AT THE EQUIPMENT CABINET END. THE METHOD FOR INSTALLATION/RACKING OF THE 3 METER MAINTENANCE LOOP SHALL BE APPROVED BY 2CS PERSONNEL.

**NOTE:**  
INSTALL MACHINE GENERATED LABELS WITHIN 4 INCHES OF EACH END OF ALL HORIZONTAL CABLES, BOTH CAT6 AND FIBER OPTIC CABLES (BOTH ENDS) NO PERMANENT MARKERS SHALL BE USED FOR ANY LABELING (IAW TIA/EIA-606-A, PARA. 5.1.2 PAGE 14 & PARA. A4 PAGE 31).

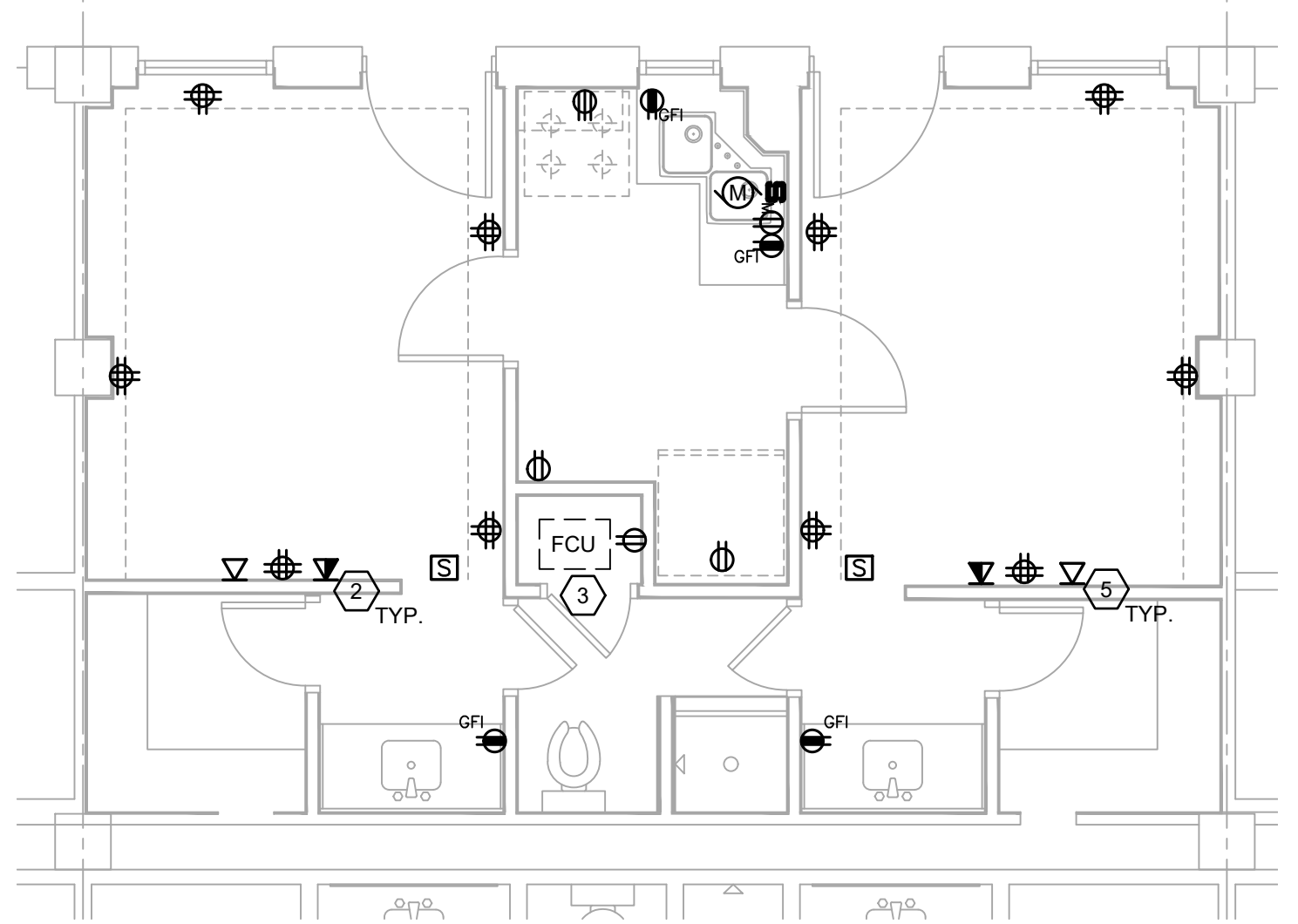
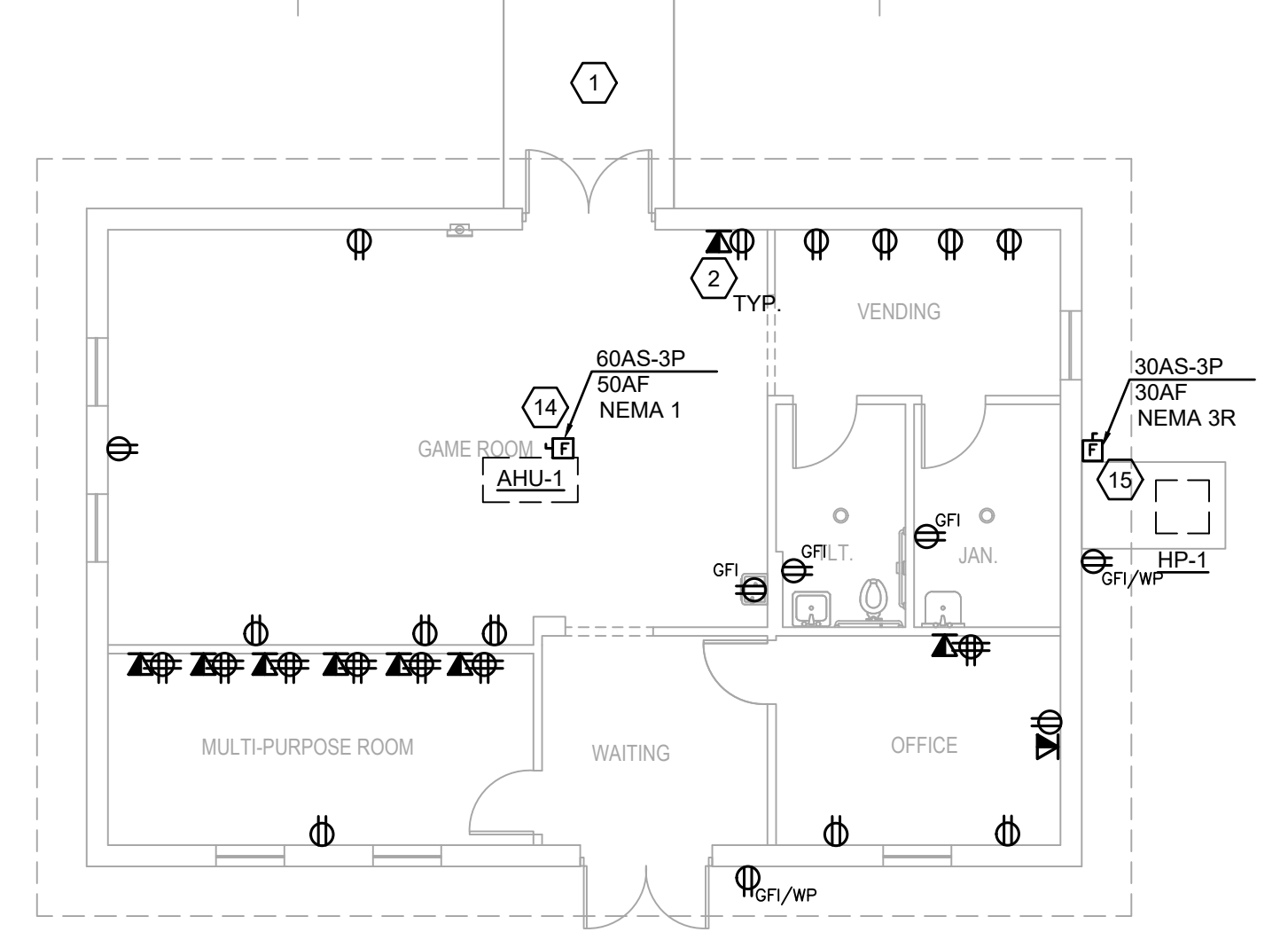
**NOTE:**  
IN ROOMS 110A, 213, 203, 303, AND 313 ALL OF THE EXISTING CAT-5 CABLING SHALL BE CUT AWAY FROM THE AT&T BLOCKS BY 2 CS PRIOR TO THE CONTRACTOR REMOVING THE CABLING BACK TO ITS POINT OF ORIGIN.

**NOTE:**  
CAT-6 CABLES SHALL BE TERMINATED AS FOLLOWS:  
1ST FLOOR ROOM 110A  
a. JUST INSIDE ROOM ON THE NORTH WALL TO THE LEFT OF THE NETWORK CABINET INSTALL A 19" HINGED WALL MOUNT BRACKETS.  
b. MOUNT APPLICABLE QUICK PORT FLAT PANELS TO WALL-MOUNT BRACKET AND LOAD WITH CAT-6 QUICK PORT RJ-45 JACKS.



**FIRST FLOOR POWER/SYSTEMS PLAN**

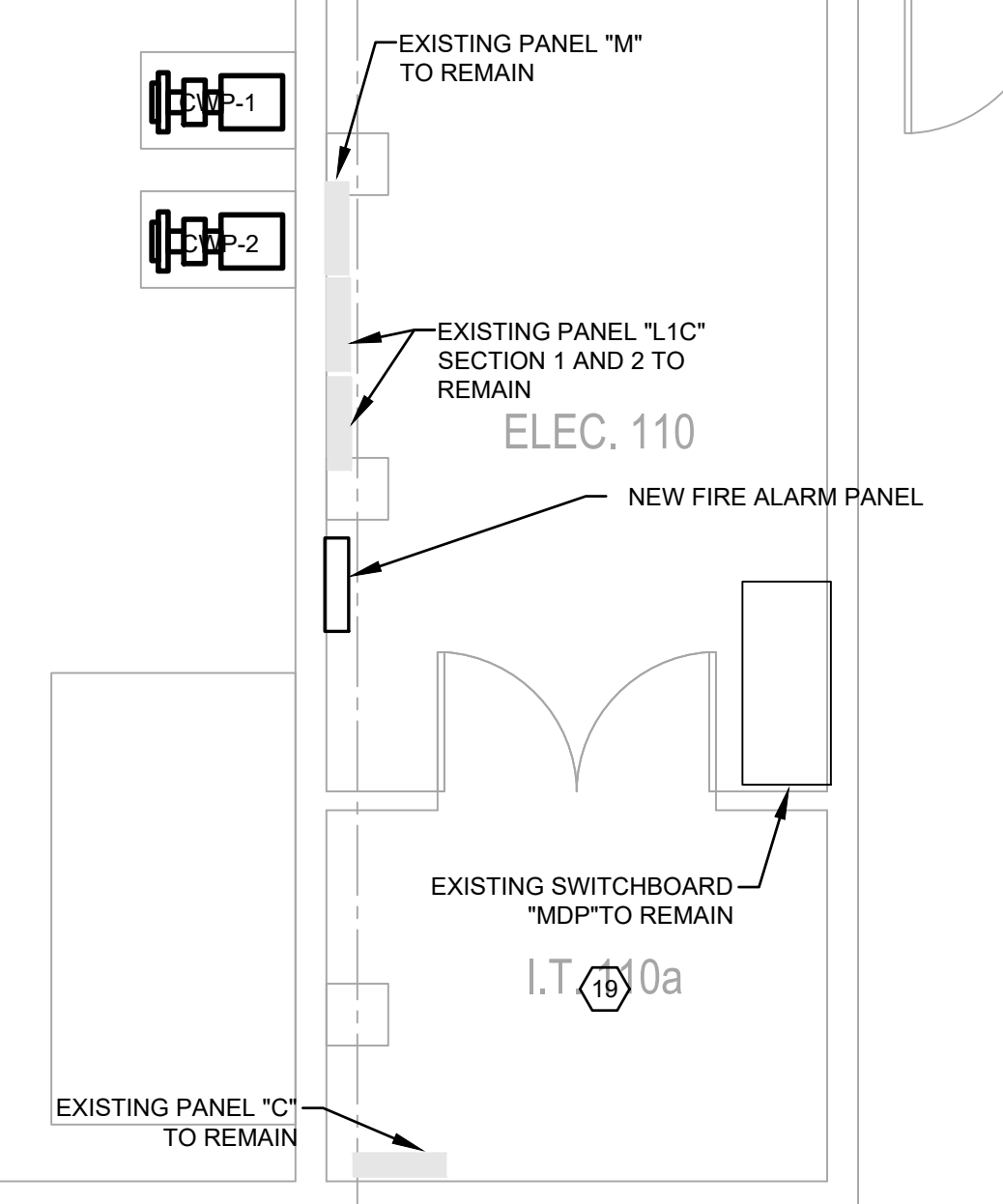
SCALE: 1/8"=1'-0"



**TYPICAL ENLARGED FIRST FLOOR SUITE POWER/SYSTEMS PLAN**  
SCALE: 1/4"=1'-0"

**ENLARGED ELECTRICAL & IT ROOM POWER/SYSTEMS PLAN**

SCALE: 1/4"=1'-0"



**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Field Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM  
**KBA**  
kevin bryan architect  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK: 318-475-9960 FAX: 318-475-9962

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

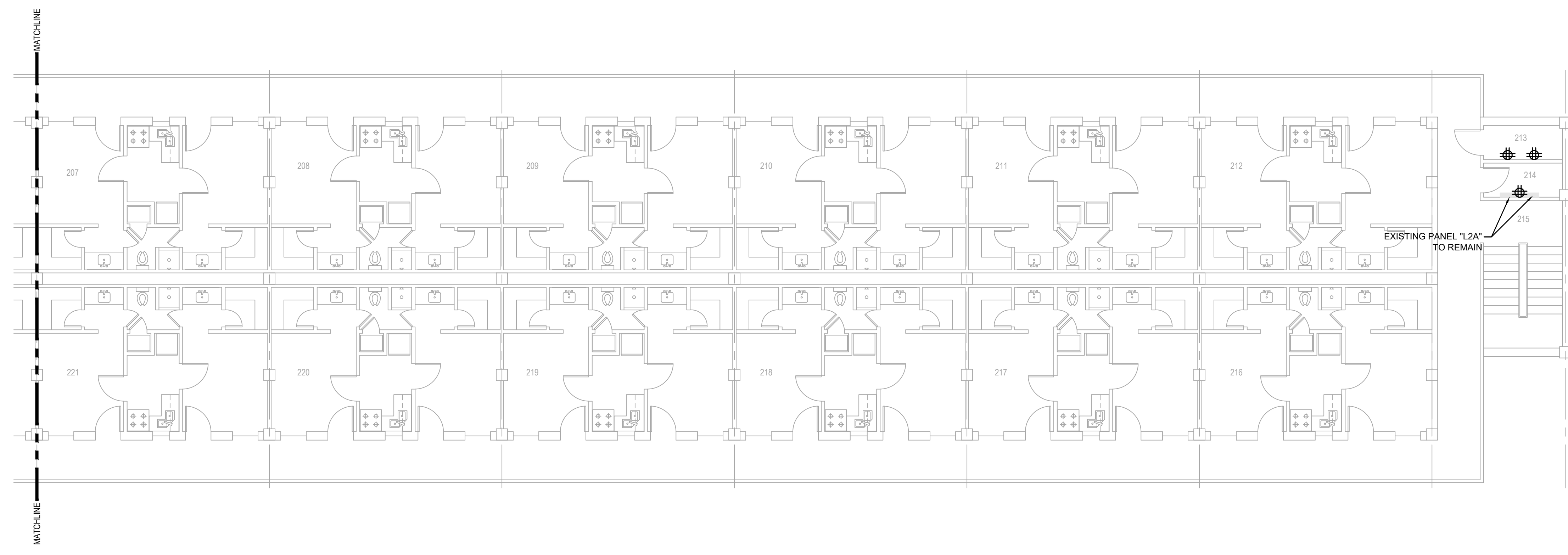
SHEET TITLE  
**SECOND FLOOR  
ELECTRICAL  
POWER/SYSTEMS PLAN**

SHEET **E3.2** OF **24E**

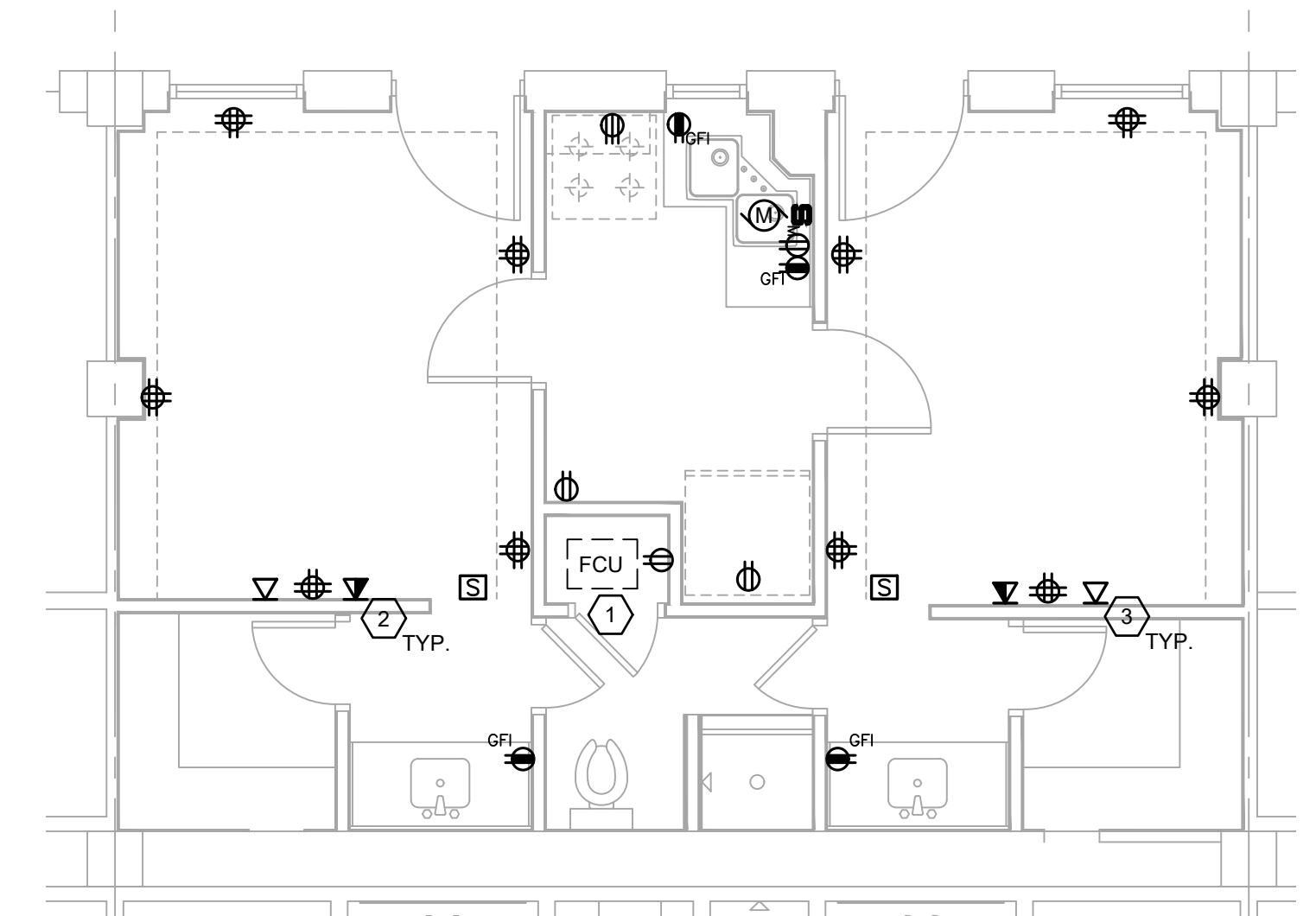
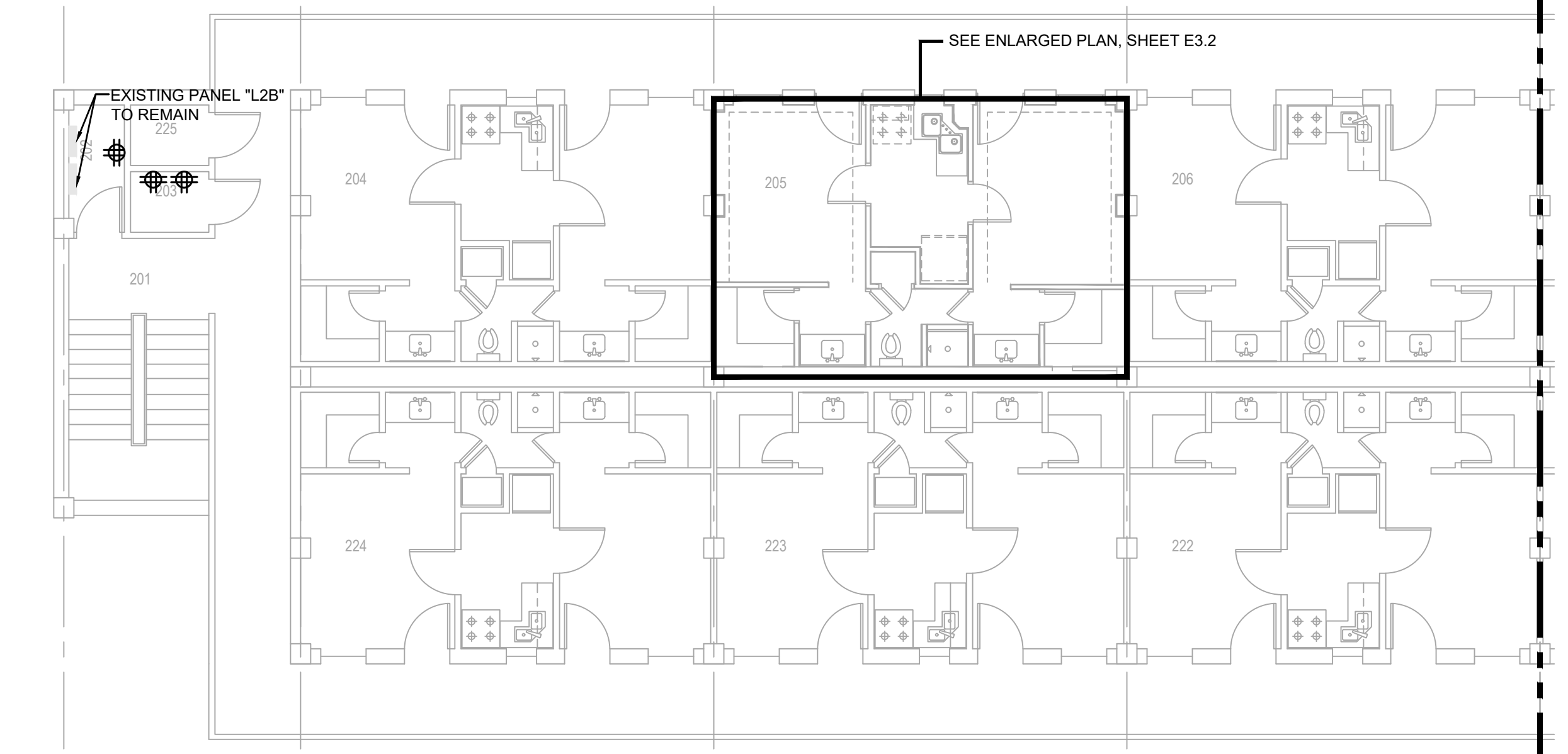
PROJECT TITLE  
REPAIR DORM BOLA  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

**ELECTRICAL NOTES:** (APPLICABLE TO THIS DRAWING ONLY)

- CONNECT NEW FCU UNIT TO THE SAME CIRCUIT THAT SERVED THE DEMO'D UNIT. PROVIDE A MOTOR RATED 20A/1P TOGGLE SWITCH TO SERVE AS THE LOCAL MEANS OF DISCONNECT IF FCU DOES NOT HAVE AN INTEGRAL DISCONNECT SWITCH.
- ALL NEW COMM OUTLETS SHALL CONSIST OF (2) CAT6 CABLES AND WILL BE RUN BACK TO ITS APPLICABLE COMMUNICATIONS ROOM.
  - THE 1ST FLOOR CAT-6 CABLES APPEAR TO BE SERVICED FROM ROOM 110A.
  - 2ND FLOOR CAT-6 CABLES DROPS COME FROM APPLICABLE ROOMS TO EITHER ROOM 203 OR 213.
  - 3RD FLOOR CAT-6 CABLE DROPS COME FROM APPLICABLE ROOMS TO EITHER ROOM 303 OR 313.
- CATV OUTLET. CATV OUTLET CABLING ORIGINATES FROM ROOM 110A.



**SECOND FLOOR POWER/SYSTEMS PLAN**  
SCALE: 1/8"=1'-0"



**TYPICAL ENLARGED SECOND FLOOR SUITE POWER/SYSTEMS PLAN**  
SCALE: 1/4"=1'-0"

NOTE:  
ALL CABLE CONTAINMENT PROVIDED WILL USE EITHER J-HOOKS (J-HOOK SPACING SHALL NOT EXCEED 36 INCHES), AND OR CONDUITS. TIA/EIA-569-B, PARA. 8.6.1 & UFC 3-580-01 PARA. 2-5.3.1. CABLE CONTAINMENT WILL NOT EXCEED THE 50% FILL RATE, ONCE ALL CABLES HAVE BEEN INSTALLED THERE SHALL BE 50% SPARE CAPACITY LEFT IN ALL CONTAINMENT DEVICES.

NOTE:  
CAT6 CABLES SHALL HAVE A 1 METER MAINTENANCE LOOP AT THE OUTLET END ABOVE THE CEILING AND A 3 METER LOOP PROVIDED AT THE EQUIPMENT CABINET END. THE METHOD FOR INSTALLATION/RACKING OF THE 3 METER MAINTENANCE LOOP SHALL BE APPROVED BY 2CS PERSONNEL.

NOTE:  
INSTALL MACHINE GENERATED LABELS WITHIN 4 INCHES OF EACH END OF ALL HORIZONTAL CABLES, BOTH CAT6 AND FIBER OPTIC CABLES (BOTH ENDS) NO PERMANENT MARKERS SHALL BE USED FOR ANY LABELING (IAW TIA/EIA-606-A, PARA. 5.1.2 PAGE 14 & PARA. A4 PAGE 31).

NOTE:  
IN ROOMS 110A, 213, 203, 303, AND 313 ALL OF THE EXISTING CAT-5 CABLING SHALL BE CUT AWAY FROM THE AT&T BLOCKS BY 2 CS PRIOR TO THE CONTRACTOR REMOVING THE CABLING BACK TO ITS POINT OF ORIGIN.

NOTE:  
CAT-6 CABLES SHALL BE TERMINATED AS FOLLOWS:  
2ND FLOOR ROOMS 213 & 203  
a. IN EACH OF THESE ROOMS ON THE WALL UNDER THE INCOMING CAT-6 CABLING CONDUITS MOUNT APPLICABLE 19" HINGED WALL MOUNT BRACKETS.  
b. MOUNT QUICK PORT FLAT PANELS TO WALL-MOUNT BRACKET AND TERMINATE CAT-6 CABLES WITH QUICK PORT RJ-45 JACKS AND SNAP INTO QUICK PORT PANELS.  
EXACT LOCATION AND LAYOUT SHALL BE DETERMINED ON SITE WITH CONTRACTOR BY 2 CS BEFORE WORK STARTS.

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.af-jmc.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

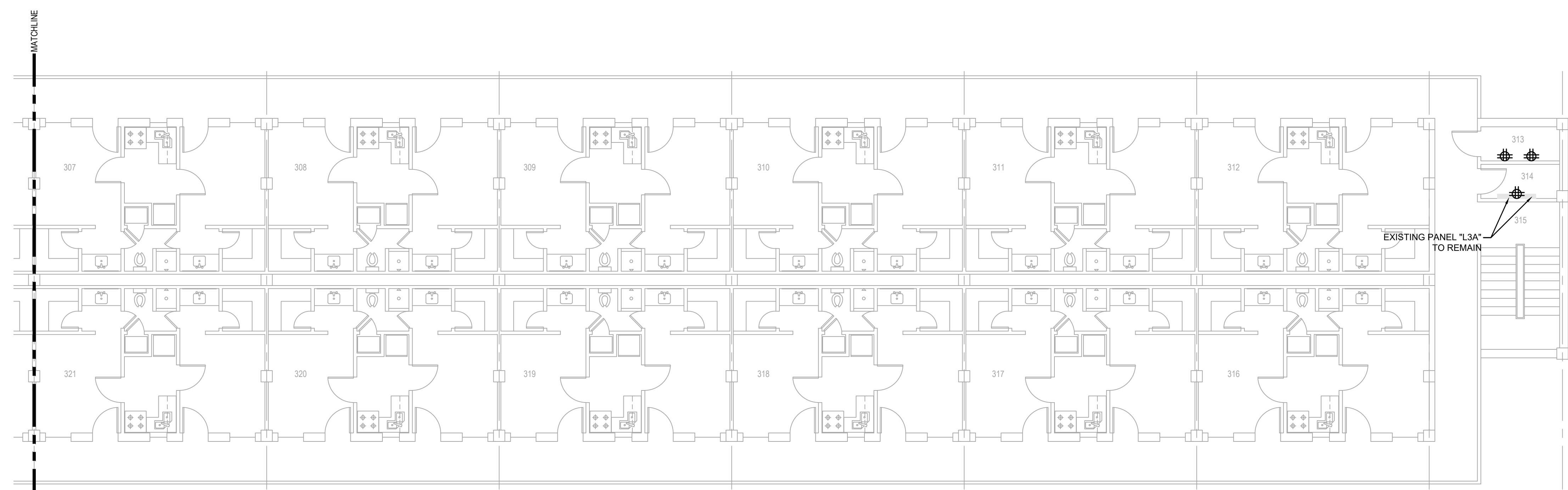
THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-JMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-JMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

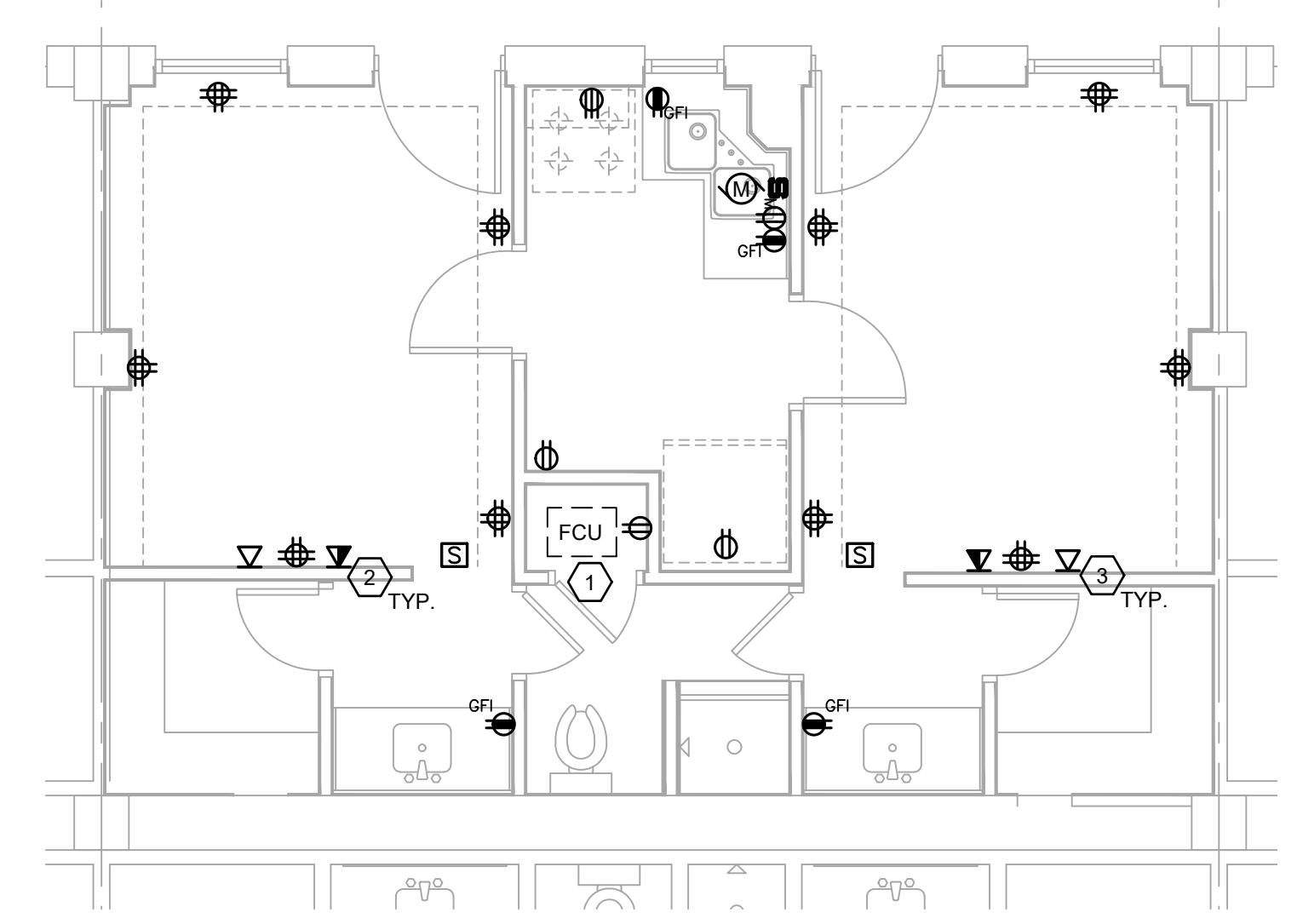
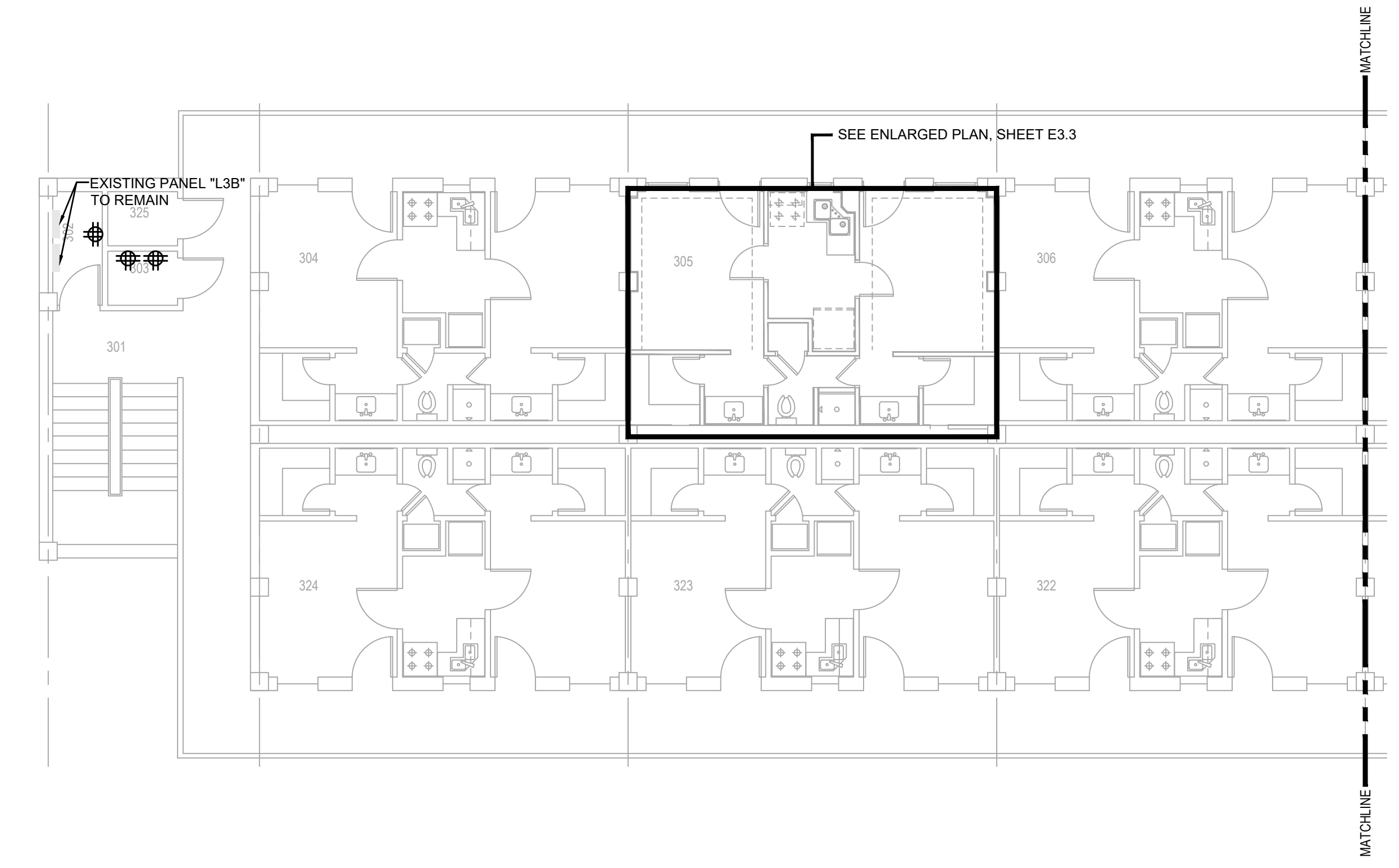


**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Field Manager
	Ground Safety
	Communication Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



**THIRD FLOOR POWER/SYSTEMS PLAN**  
SCALE: 1/8"=1'-0"



**TYPICAL ENLARGED THIRD FLOOR SUITE POWER/SYSTEMS PLAN**  
SCALE: 1/4"=1'-0"

**ELECTRICAL NOTES:**

- (APPLICABLE TO THIS DRAWING ONLY)
- CONNECT NEW FCU UNIT TO THE SAME CIRCUIT THAT SERVED THE DEMO'D UNIT. PROVIDE A MOTOR RATED 20A/1P TOGGLE SWITCH TO SERVE AS THE LOCAL MEANS OF DISCONNECT IF FCU DOES NOT HAVE AN INTEGRAL DISCONNECT SWITCH.
  - ALL NEW COMM OUTLETS SHALL CONSIST OF (2) CAT6 CABLES AND WILL BE RUN BACK TO ITS APPLICABLE COMMUNICATIONS ROOM.
    - THE 1ST FLOOR CAT-6 CABLES APPEAR TO BE SERVICED FROM ROOM 110A.
    - 2ND FLOOR CAT-6 CABLES DROPS COME FROM APPLICABLE ROOMS TO EITHER ROOM 203 OR 213.
    - 3RD FLOOR CAT-6 CABLE DROPS COME FROM APPLICABLE ROOMS TO EITHER ROOM 303 OR 313.
  - CATV OUTLET. CATV OUTLET CABLING ORIGINATES FROM ROOM 110A.

NOTE:  
ALL CABLE CONTAINMENT PROVIDED WILL USE EITHER J-HOOKS (J-HOOK SPACING SHALL NOT EXCEED 36 INCHES), AND OR CONDUITS. TIA/EIA-568-B, PARA. 8.6.1 & UFC 3-280-01 PARA. 2-5.3.1. CABLE CONTAINMENT WILL NOT EXCEED THE 50% FILL RATE, ONCE ALL CABLES HAVE BEEN INSTALLED THERE SHALL BE 50% SPARE CAPACITY LEFT IN ALL CONTAINMENT DEVICES.

NOTE:  
CAT6 CABLES SHALL HAVE A 1 METER MAINTENANCE LOOP AT THE OUTLET END ABOVE THE CEILING AND A 3 METER LOOP PROVIDED AT THE EQUIPMENT CABINET END. THE METHOD FOR INSTALLATION/RACKING OF THE 3 METER MAINTENANCE LOOP SHALL BE APPROVED BY 2CS PERSONNEL.

NOTE:  
INSTALL MACHINE GENERATED LABELS WITHIN 4 INCHES OF EACH END OF ALL HORIZONTAL CABLES. BOTH CAT6 AND FIBER OPTIC CABLES (BOTH ENDS) NO PERMANENT MARKERS SHALL BE USED FOR ANY LABELING (IAW TIA/EIA-606-A, PARA. 5.1.2 PAGE 14 & PARA. A4 PAGE 31).

NOTE:  
IN ROOMS 110A, 213, 203, 303, AND 313 ALL OF THE EXISTING CAT-5 CABLING SHALL BE CUT AWAY FROM THE AT&T BLOCKS BY 2 CS PRIOR TO THE CONTRACTOR REMOVING THE CABLING BACK TO ITS POINT OF ORIGIN.

NOTE:  
CAT-6 CABLES SHALL BE TERMINATED AS FOLLOWS:  
3RD FLOOR ROOMS 313 & 303  
a. IN EACH OF THESE ROOMS ON THE WALL UNDER THE INCOMING CAT-6 CABLING CONDUITS MOUNT APPLICABLE 18" HINGED WALL MOUNT BRACKETS.  
b. MOUNT QUICK PORT FLAT PANELS TO WALL-MOUNT BRACKET AND TERMINATE CAT-6 CABLES WITH QUICK PORT RJ-45 JACKS AND SNAP INTO QUICK PORT PANELS.  
EXACT LOCATION AND LAYOUT SHALL BE DETERMINED ON SITE WITH CONTRACTOR BY 2 CS BEFORE WORK STARTS.

DESIGN FIRM



712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK: 318-475-9960 FAX: 318-475-9962

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**THIRD FLOOR  
ELECTRICAL  
POWER/SYSTEMS PLAN**

SHEET **E3.3** OF **24E**

PROJECT TITLE  
REPAIR DORM BULO  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

**PRELIMINARY**  
NOT TO BE USED FOR  
CONSTRUCTION,  
BIDDING,  
RECORDATION,  
CONVEYANCE, SALES,  
OR AS THE BASIS FOR  
THE ISSUANCE OF A  
PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
PHONE: 318-425-7402 FAX: 318-425-4622  
WWW.AFJMC.COM

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

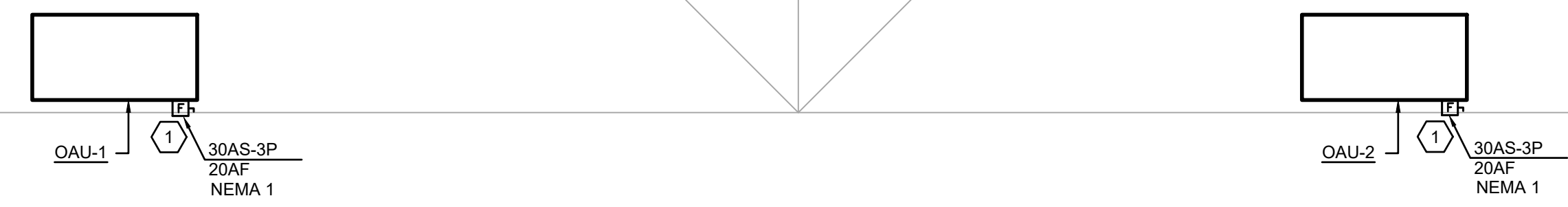
THESE DRAWINGS DO NOT INCLUDE NECESSARY  
COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



**ATTIC FLOOR POWER/SYSTEMS PLAN**  
SCALE: 1/8"=1'-0"

**ELECTRICAL NOTES:** (APPLICABLE TO THIS DRAWING ONLY)

- CONNECT OAU-1 AND OAU-2 TO THE TWO CIRCUITS, FROM PANEL "M", THAT SERVED THE ERV UNIT THAT WAS DEMOD. RE-USE THE EXISTING BREAKER, CONDUIT AND CONDUCTORS. EXTEND THE CONDUIT/CONDUCTORS AS NECESSARY TO THE LOCATION OF THE NEW DISCONNECTS. NEW SECTION OF CONDUIT/CONDUCTOR SHALL MATCH EXISTING OR BE #12,#12G IN 3/4"C, WHICHEVER IS LARGER.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9960 FAX: 318-475-9962

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**ATTIC FLOOR ELECTRICAL POWER/SYSTEMS PLAN**

SHEET **E3.4** OF 24E

PROJECT TITLE  
REPAIR DORM BOLO B4351

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
OPP. NO. 1086485

Drawing Number  
Facility Number  
B4351

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: DANIEL W. BROWN, P. E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.





**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Facilities Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM  
**KBA**  
kevin bryan architect  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9960 FAX: 318-475-9962

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**FIRST FLOOR ELECTRICAL  
FIRE ALARM/ MASS  
NOTIFICATION PLAN**

SHEET **E4.1** OF **24E**

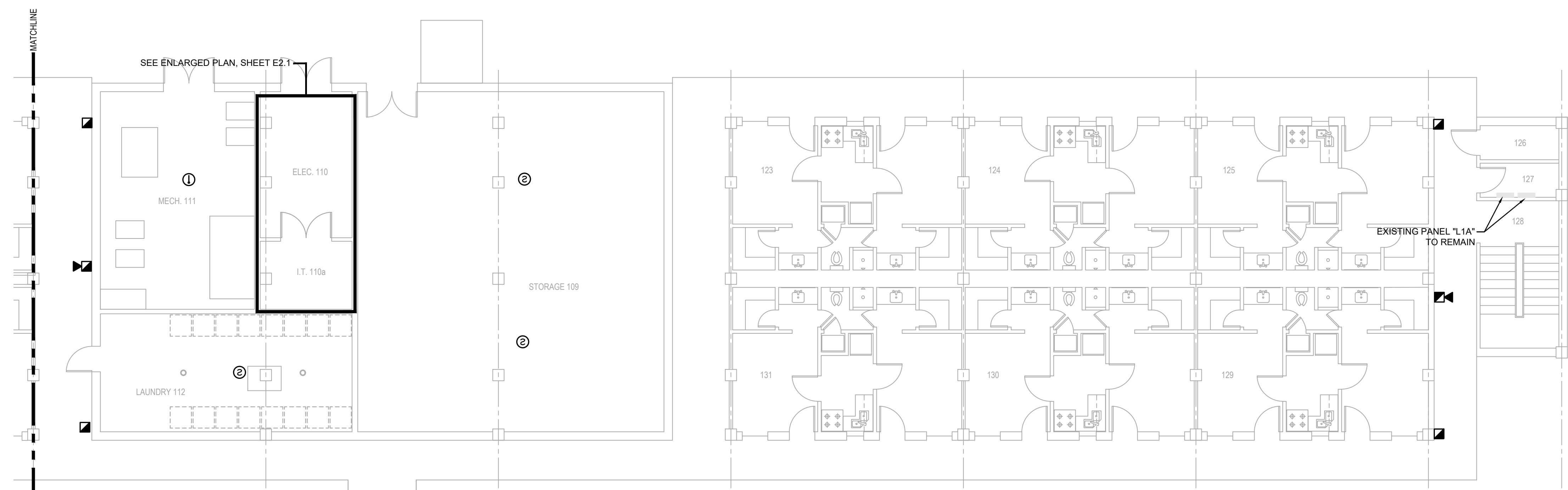
PROJECT TITLE  
REPAIR DORM BOLO  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

**ELECTRICAL NOTES:**

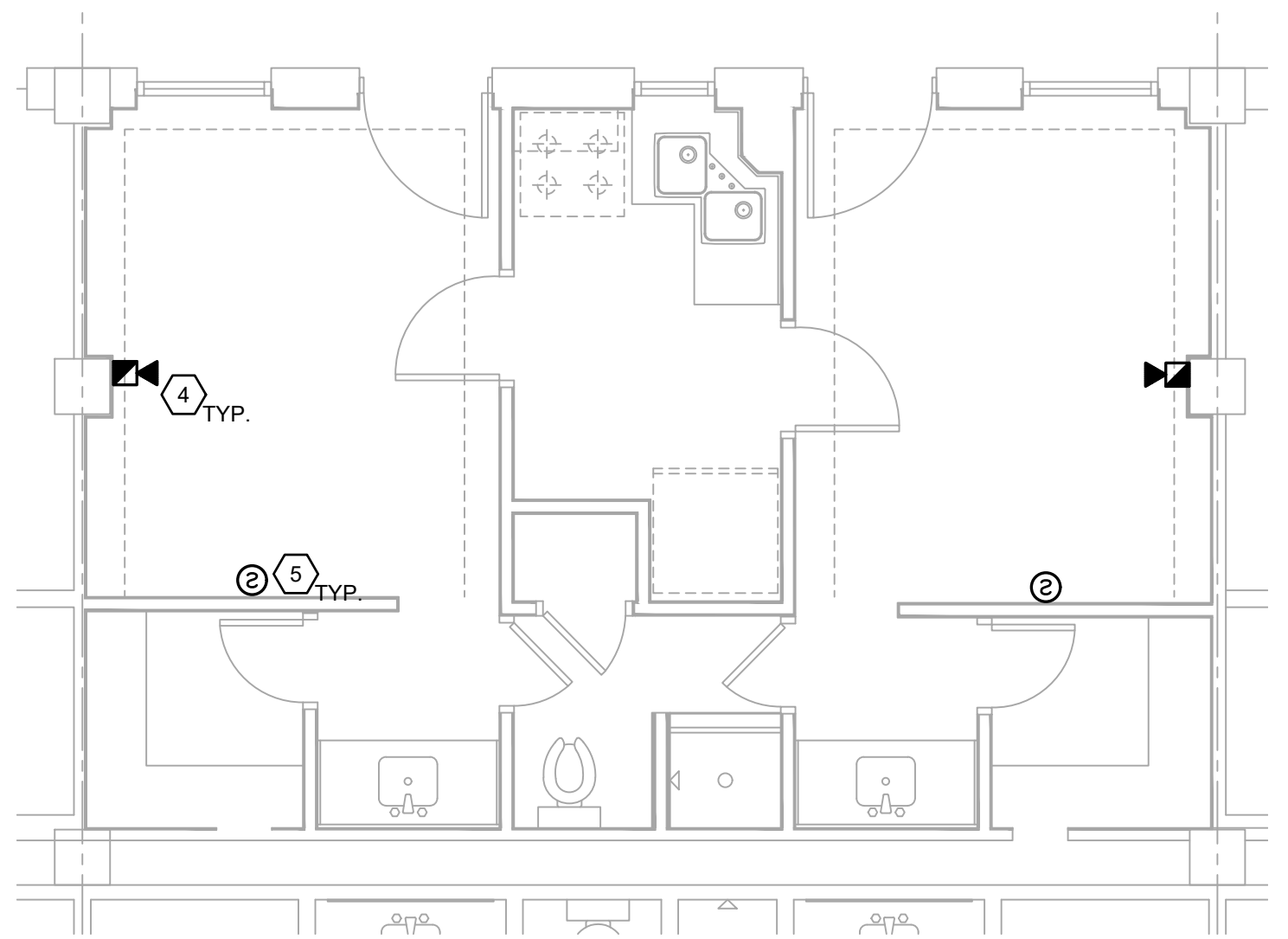
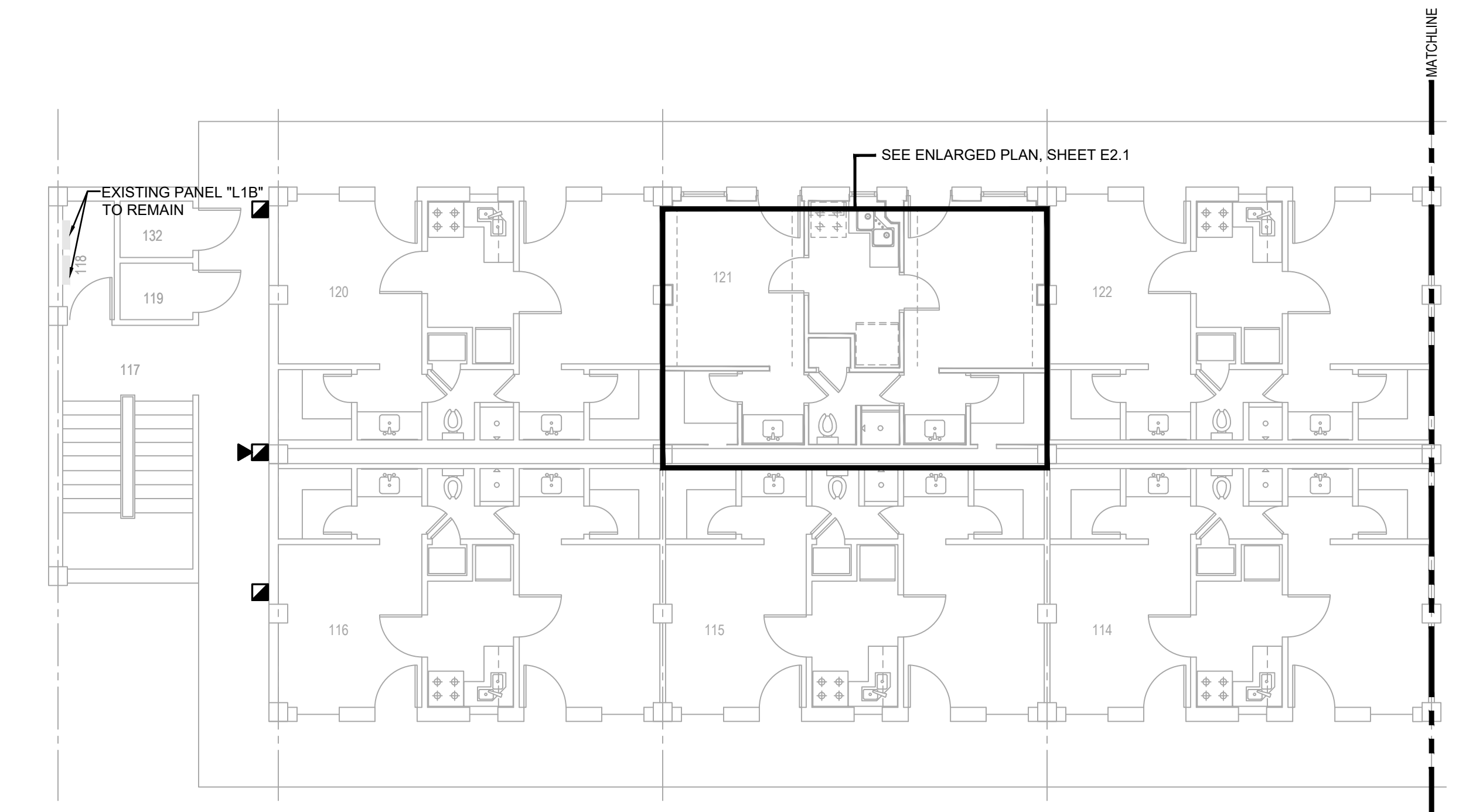
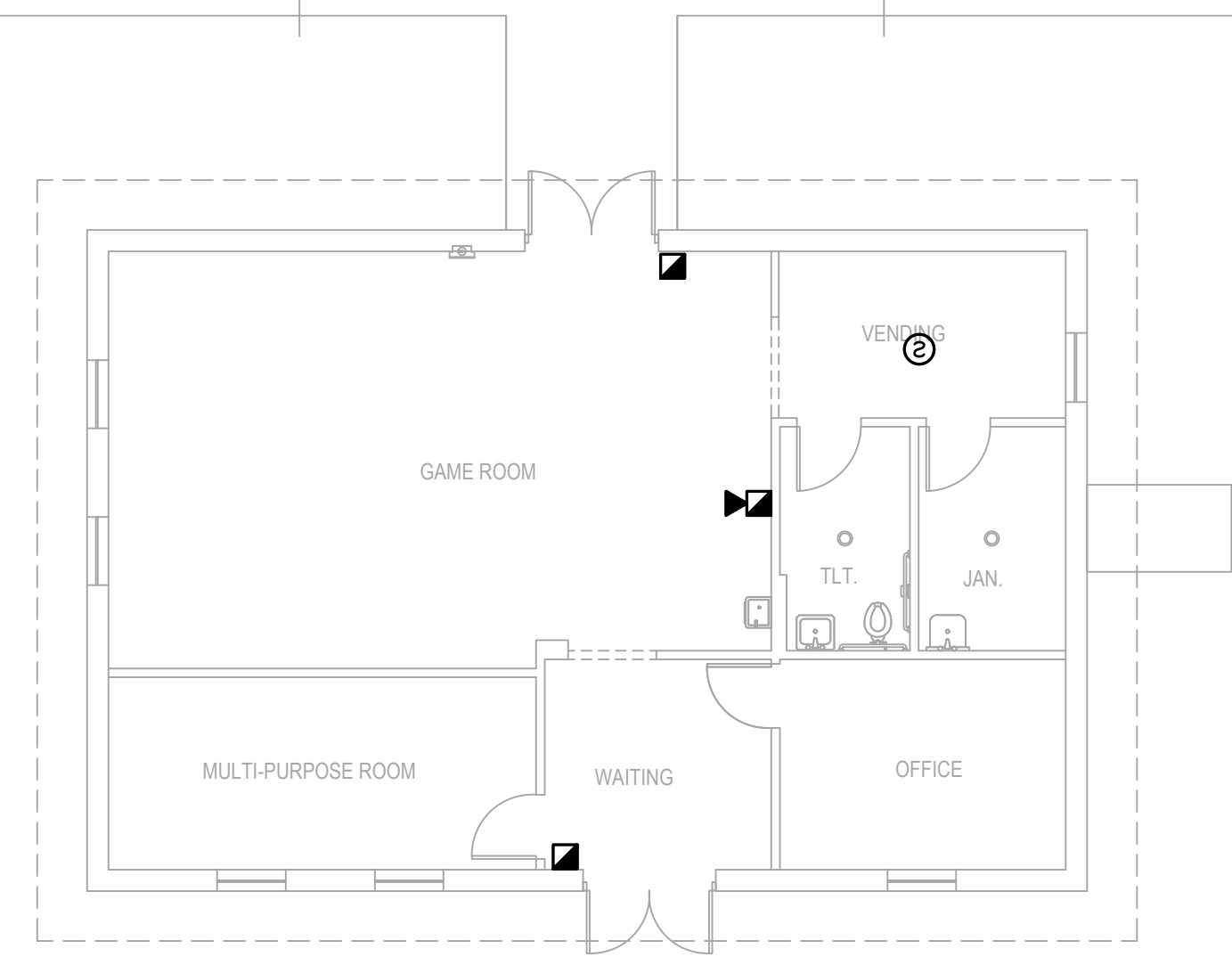
(APPLICABLE TO THIS DRAWING ONLY)

1. REPLACE EXISTING FIRE ALARM PANEL WITH NEW MEI MAAP+ ADDRESSABLE FIRE ALARM PANEL.
2. REPLACE EXISTING WHELLOCK DUAL CIRCUIT VOICE EVAC PANEL WITH SIGCOM 100 AND MEI BT-X TRANSCEIVER.
3. REPLACE FIRE ALARM PANEL POWER SUPPLY AS NEEDED BASED ON NEW BATTERY CALCULATIONS.
4. ALL DORM ROOMS SHALL USE SPEAKER/STROBE FIRE ALARM DEVICES.
5. NEW LOW FREQUENCY CARBON MONOXIDE/SMOKE DETECTOR SHALL MATCH NEW FIRE ALARM SYSTEM. EXTEND NEW 120V CIRCUIT FROM PANEL INDICATED BELOW. PROVIDE A NEW 20A/1P BREAKER IN EXISTING SPACE OF PANEL IF A SPARE 20A/1P BREAKER IS NOT AVAILABLE. EXTEND #12,#12G IN 3/4" TO NEW DETECTOR.  
ROOMS 114-116 AND 120-122 FROM PANEL L1B - SIX DETECTORS ON A SINGLE CIRCUIT.  
ROOMS 123-125 AND 129-131 FROM PANEL L1A - SIX DETECTORS ON A SINGLE CIRCUIT.

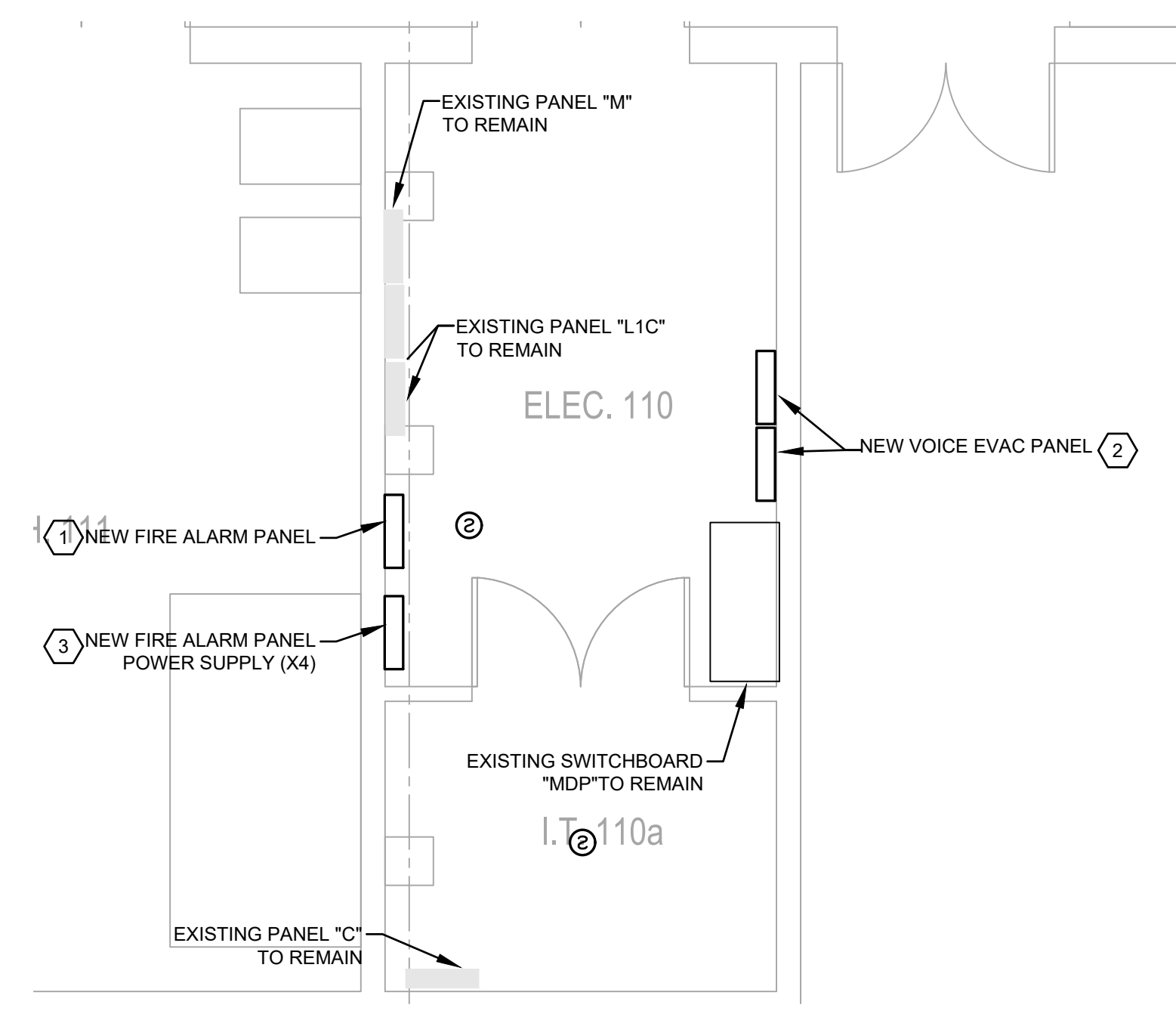
NOTE:  
FIRE PROTECTION CRITERIA MUST CONFORM TO THE REQUIREMENTS OF UFC 3-601-02 AND THE NFPA NATIONAL FIRE CODES, EXCEPT AS MODIFIED BY THIS UFC AND SPECIFICALLY REFERENCED BY THIS UFC. ADDITIONAL CRITERIA INCLUDE PORTIONS OF THE FM GLOBAL PROPERTY LOSS PREVENTION DATA SHEETS, AS SPECIFICALLY REFERENCED BY THIS UFC.



**FIRST FLOOR FIRE ALARM/MASS NOTE PLAN**  
SCALE: 1/8"=1'-0"



**TYPICAL ENLARGED FIRST FLOOR SUITE FIRE ALARM/MASS NOTE PLAN**  
SCALE: 1/4"=1'-0"



**ENLARGED ELECTRICAL & IT ROOM FIRE ALARM/MASS NOTE PLAN**  
SCALE: 1/4"=1'-0"

**PRELIMINARY**  
NOT TO BE USED FOR  
CONSTRUCTION,  
BIDDING,  
RECORDATION,  
CONVEYANCE, SALES,  
OR AS THE BASIS FOR  
THE ISSUANCE OF A  
PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.af-jmc.com  
ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687  
THESE DRAWINGS DO NOT INCLUDE NECESSARY  
COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-JMC. NO  
OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-JMC.  
ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Field Manager
	Ground Safety
	Communication
	Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-425-9960 FAX: 318-475-9922

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE

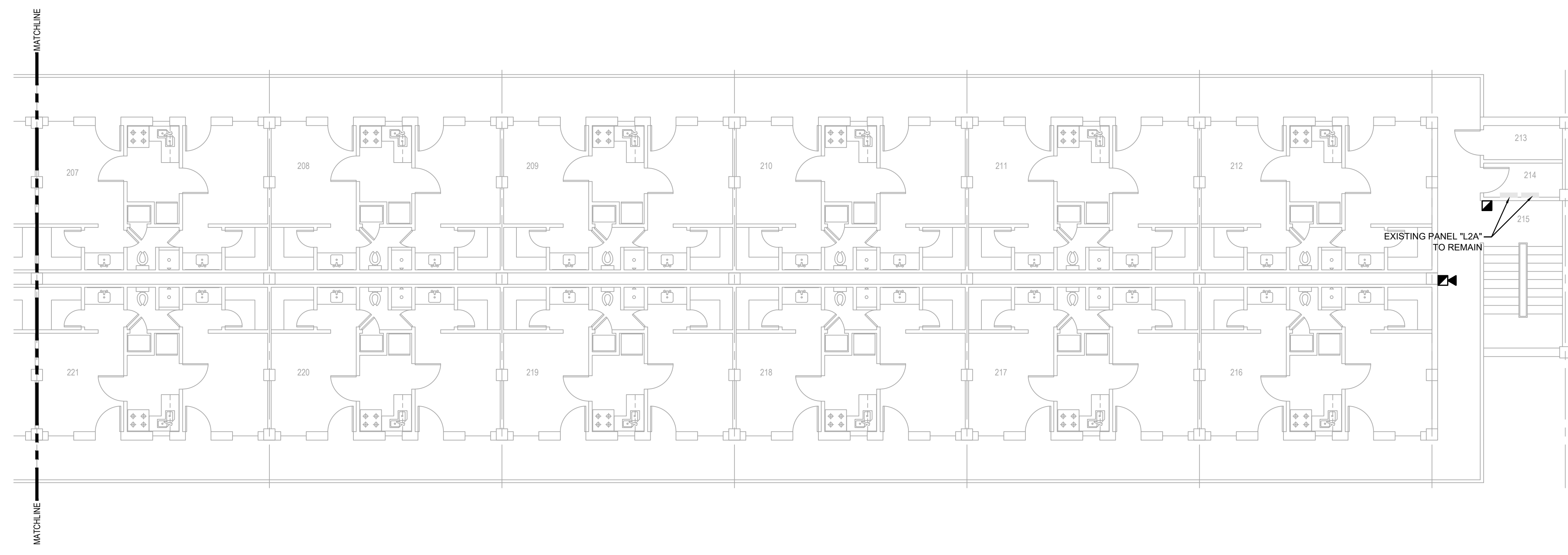
**SECOND FLOOR  
ELECTRICAL FIRE ALARM/  
MASS NOTIFICATION PLAN**

SHEET	<b>E4.2</b>	OF	24E
PROJECT TITLE	REPAIR DORM BOLO B4351		
PROJECT NUMBER	BARKSDALE AIR FORCE BASE, LOUISIANA 71110		
Facility Number	B4351		
Project Number	OPP. NO. 1086485		

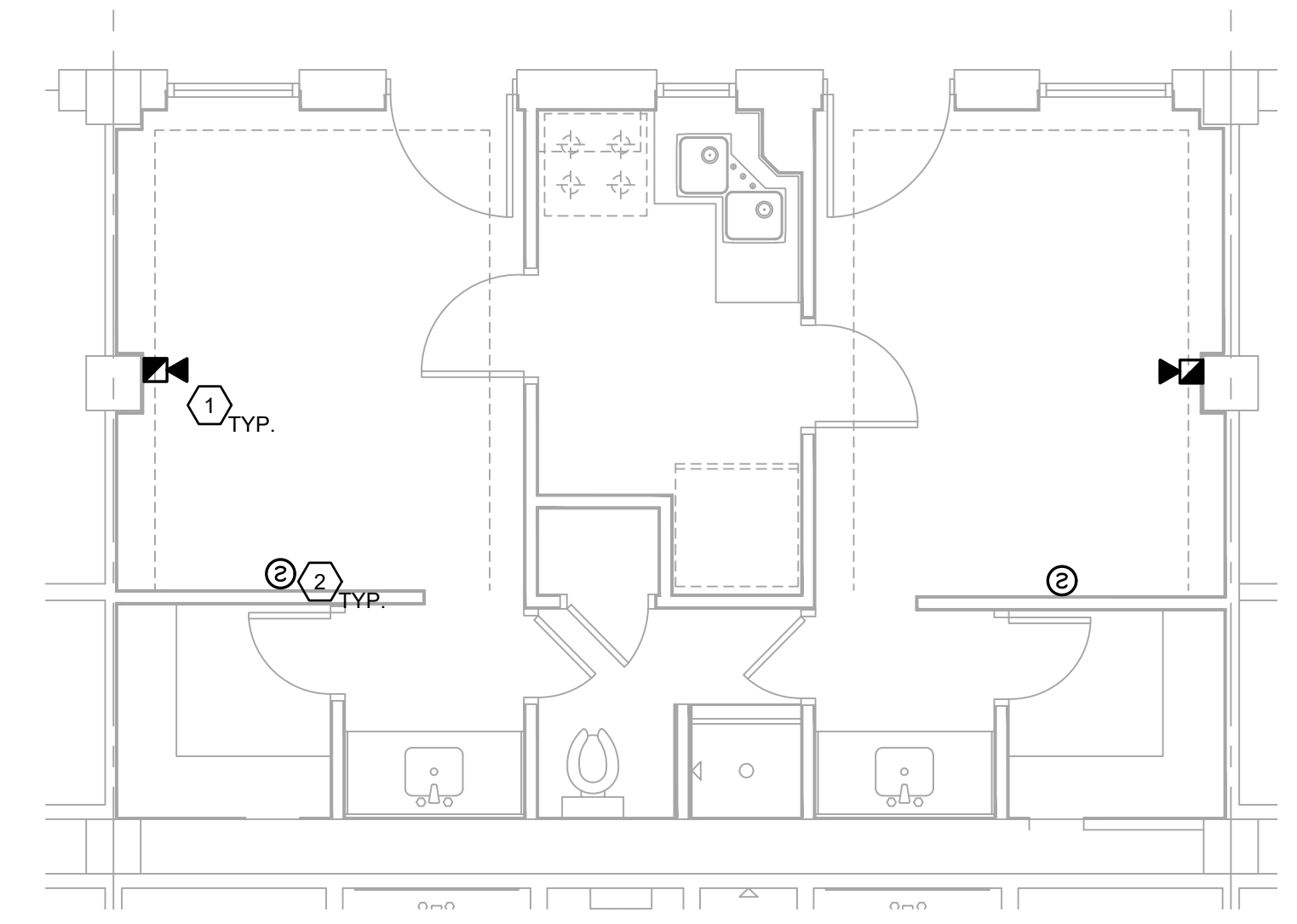
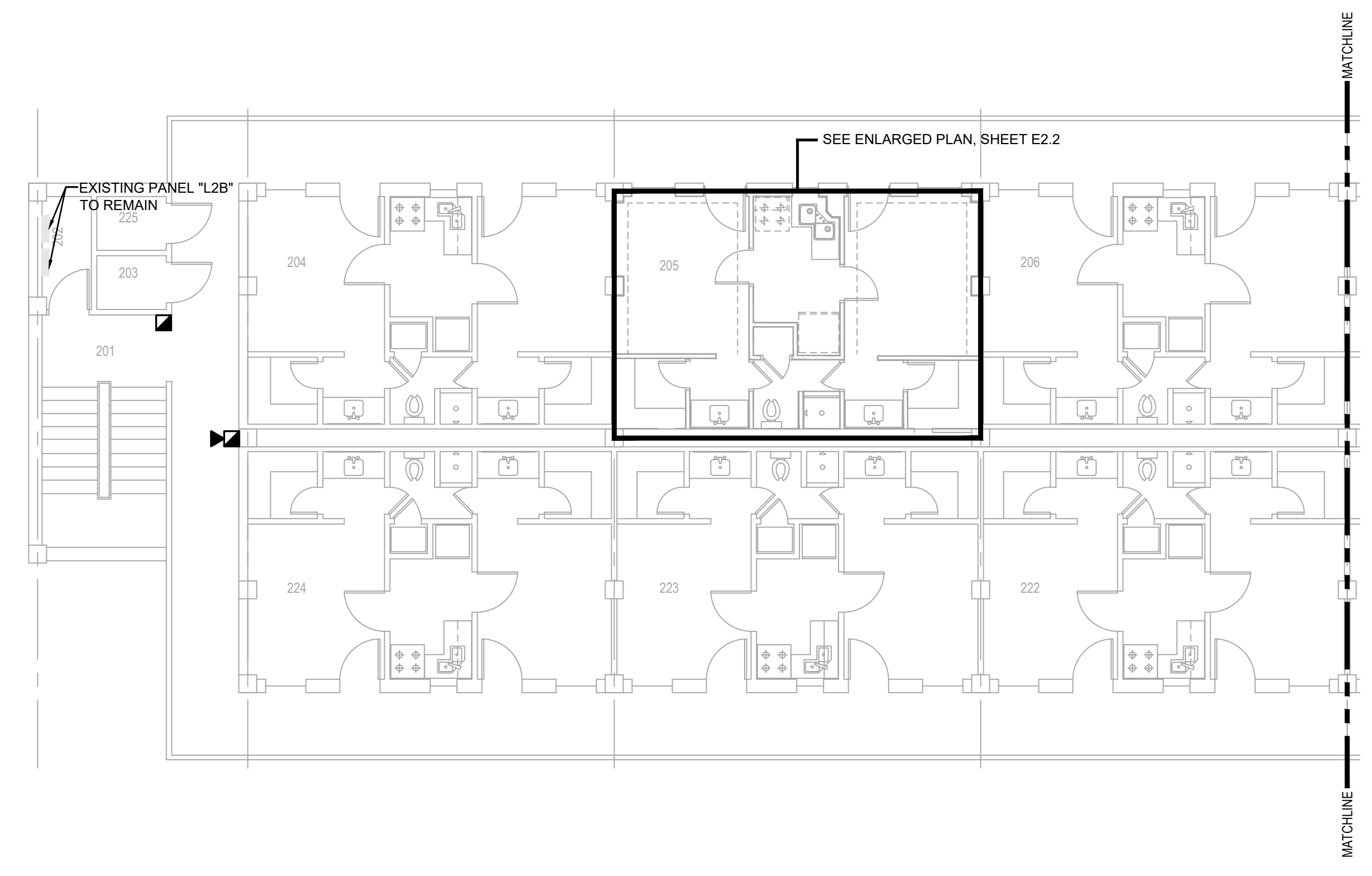
**ELECTRICAL NOTES:** (APPLICABLE TO THIS DRAWING ONLY)

- ALL DORM ROOMS SHALL USE SPEAKER/STROBE FIRE ALARM DEVICES.
- NEW LOW FREQUENCY, CARBON MONOXIDE/SMOKE DETECTOR SHALL MATCH NEW FIRE ALARM SYSTEM. EXTEND NEW 120V CIRCUIT FROM PANEL, INDICATED BELOW. PROVIDE A NEW 20A/1P BREAKER IN EXISTING SPACE OF PANEL IF A SPARE 20A/1P BREAKER IS NOT AVAILABLE. EXTEND 2#12, #12G IN 3/4" C TO NEW DETECTOR.

ROOMS 204-208 AND 220-224 FROM PANEL L2B - SIX DETECTORS ON A SINGLE CIRCUIT.  
ROOMS 209-212 AND 216-219 FROM PANEL L2A - SIX DETECTORS ON A SINGLE CIRCUIT.



**SECOND FLOOR FIRE ALARM/MASS NOTE PLAN**  
SCALE: 1/8"=1'-0"



**TYPICAL ENLARGED SECOND FLOOR SUITE FIRE ALARM/MASS NOTE PLAN**  
SCALE: 1/4"=1'-0"

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.af-jbc.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-JBC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-JBC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Field Manager
	Ground Safety
	Communication
	Computers
	Bioregional
	Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM



Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

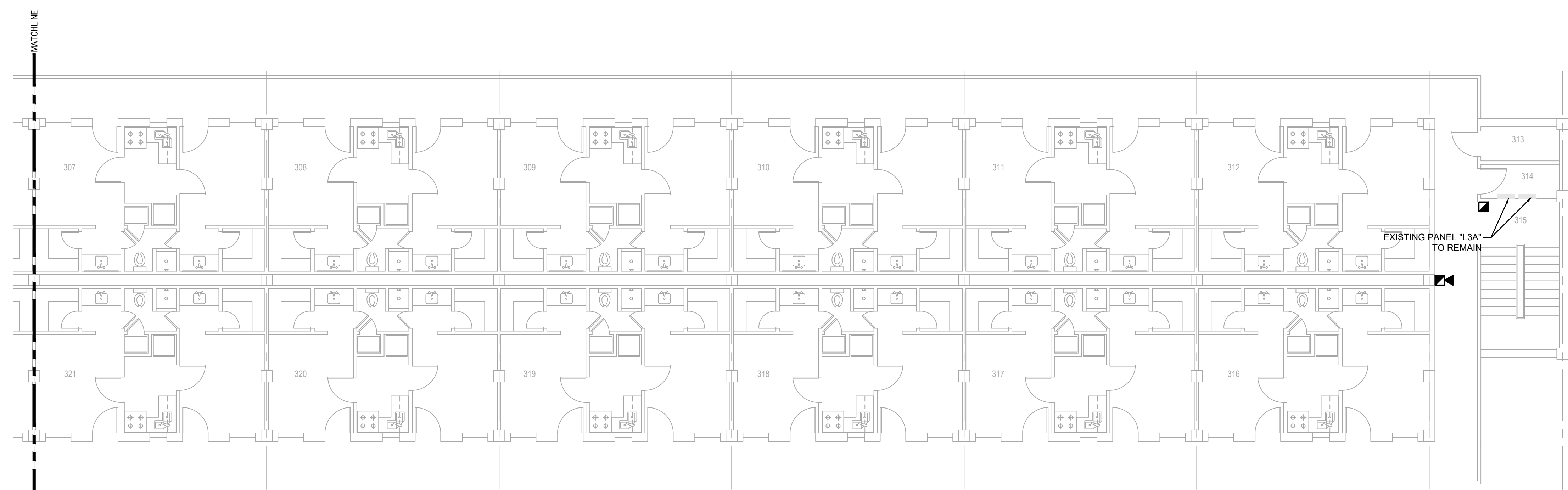
SHEET TITLE  
**THIRD FLOOR  
ELECTRICAL FIRE ALARM/  
MASS NOTIFICATION PLAN**

SHEET **E4.3** OF **24E**

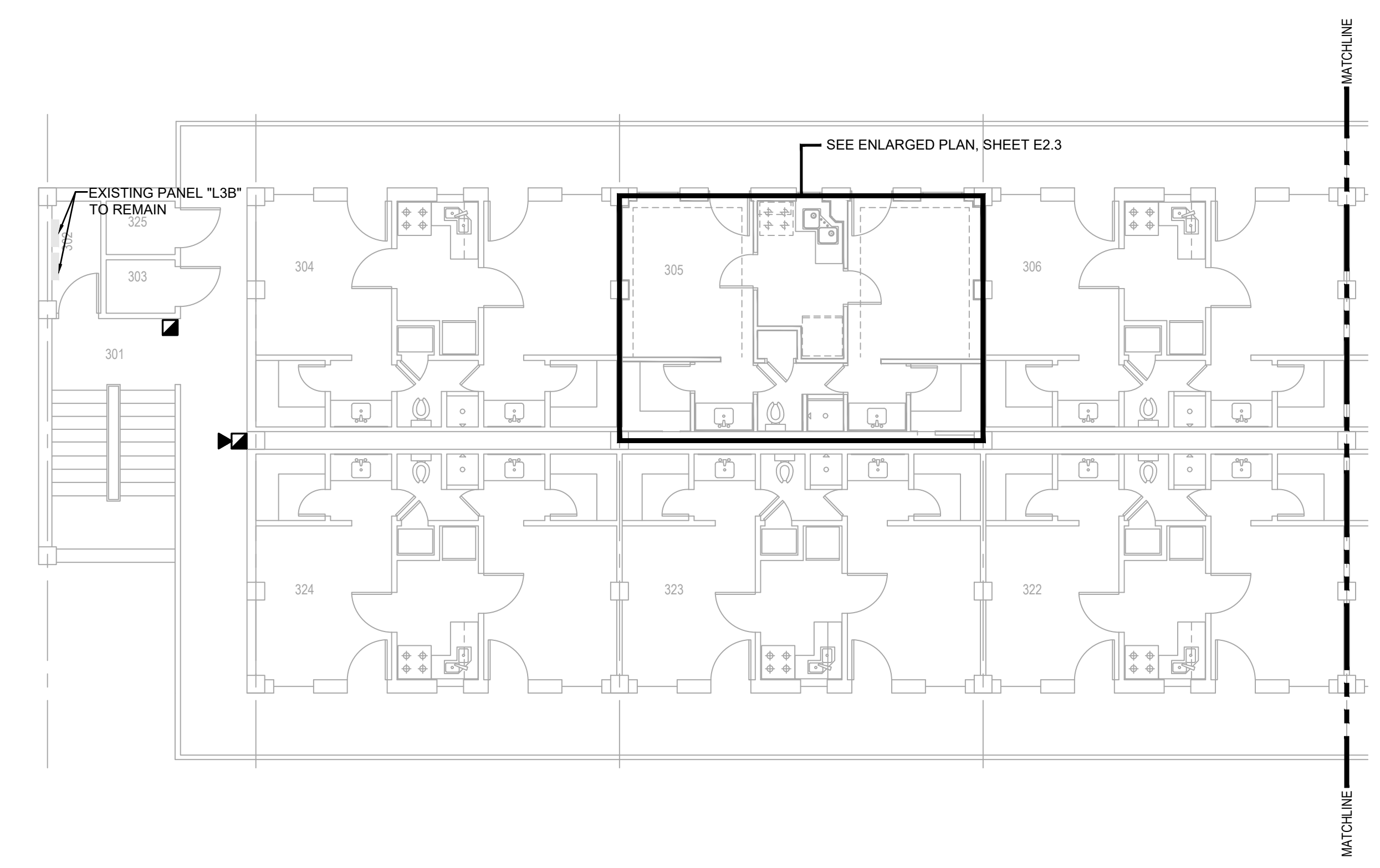
PROJECT TITLE  
REPAIR DORM BOLO  
B4351  
BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110  
Project Number  
OPP. NO. 1086485  
Drawing Number  
Facility Number  
B4351

**ELECTRICAL NOTES:**  
(APPLICABLE TO THIS DRAWING ONLY)

- 1.



**THIRD FLOOR FIRE ALARM/MASS NOTE PLAN**  
SCALE: 1/8"=1'-0"



**TYPICAL ENLARGED THIRD FLOOR SUITE FIRE ALARM/MASS NOTE PLAN**  
SCALE: 1/4"=1'-0"

**PRELIMINARY**  
NOT TO BE USED FOR  
CONSTRUCTION,  
BIDDING,  
RECORDATION,  
CONVEYANCE, SALES,  
OR AS THE BASIS FOR  
THE ISSUANCE OF A  
PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

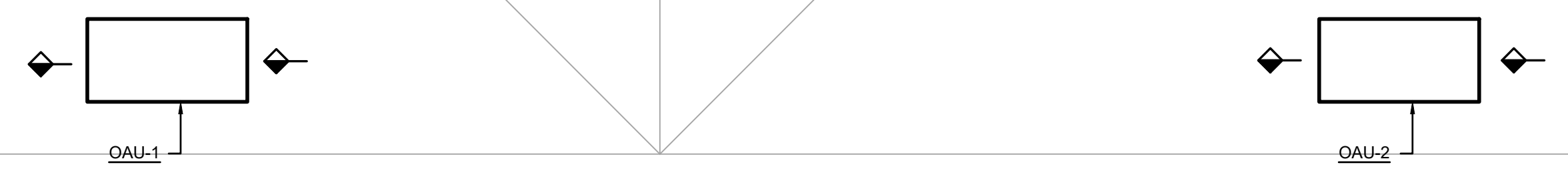
THESE DRAWINGS DO NOT INCLUDE NECESSARY  
COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO  
OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC.  
ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



**ATTIC FLOOR FIRE ALARM/MASS NOTE PLAN**  
SCALE: 1/8"=1'-0"

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA, 71101  
WORK: 318-475-9960 FAX: 318-475-9962

Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**ATTIC FLOOR ELECTRICAL  
FIRE ALARM/ MASS  
NOTIFICATION PLAN**

SHEET **E4.4** OF **24E**

<p><b>PRELIMINARY</b></p> <p>NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT</p>	<p>CONSULTING ENGINEERS 3028 KNIGHT STREET, SUITE 100 SHREVEPORT, LOUISIANA 71105 phone: 318-425-7402 fax: 318-425-4622 www.AFJMC.com</p>
	<p>ENGINEER: <b>DANIEL W. BROWN, P.E.</b></p> <p>LICENSE NO. <b>41687</b></p> <p>THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148</p>
<p>COPYRIGHT NOTICE: THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.</p>	<p>PROJECT TITLE REPAIR DORM BOLO B4351</p> <p>BARKSDALE AIR FORCE BASE, LOUISIANA 71110</p> <p>Project Number <b>OPP. NO. 1086485</b></p> <p>Drawing Number <b>B4351</b></p> <p>Facility Number <b>B4351</b></p>



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

**APPROVED**

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

**COORDINATION**

	Airfield Manager
	Ground Safety
	Communication Computers
	Bioenvironmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.

DESIGN FIRM

**kevin bryan architect**  
712 TEXAS ST. SHREVEPORT, LOUISIANA 71101  
WORK 318-673-9960 FAX 318-673-9922

Designer **DWB** Project Manager **DWB**  
Drafter **DWB** Date

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

**ELECTRICAL DETAILS**

SHEET **E5.1** OF **24E**

PROJECT TITLE  
**REPAIR DORM BOLO B4351**

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
**OPP. NO. 1086485**

Drawing Number  
**B4351**

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3029 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.af-jmc.com

ENGINEER: **DANIEL W. BROWN, P.E.**  
LICENSE NO. **41687**

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AF-JMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AF-JMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

LIGHTING SCHEDULE						
Mark	Volt	Mount	Manuf.	Catalog No.	Lamp Data	Remarks
A	120	Ceiling	Hunter	51456	14 Watt 1200 Lumens	44", five blade ceiling fan with LED light kit. No remote. Wall control only
B	120	Ceiling	Elite	OMS-LED-12-1200L-DIMTR-120-27K/30K/35K/40K/50K-90-USA	15 Watt LED 1200 Lumens	10" diameter flush mount LED fixture.
C	120	Wall	Lithonia Equal: Elite	CLX L48 3000LM SEF RDL MVOLT GZ10 35K 80CRI BAA WH 4-OC1-LED-3000/4000/5000-DIM10-MVOLT-35/40/50 85 V3 USA	24 Watt LED 3000 Lumens	4' wall mounted LED vanity light.
D	120	Wall	Lithonia Equal: Elite	FEM L48 4000LM IMAFL WD MVOLT GZ10 40K 80CRI BE6WCP BAA 4-OWS1-LED-400L-DIM10-MVOLT-40K-85-0-EMG LED-10W	34 Watt LED 4000 Lumens	4' Vapor tight wall mounted LED strip fixture with emergency battery back-up.
E	120	Surface	Lithonia Equal: Elite	CPX 2X4 5000LM SWL MIN10 ZT MVOLT BAA/2X4SMKSH 24-FPL1-LED-4000/5000/6000-DIM10-MVOLT-35K-85-USA-24-FPL1-LED-SMK	40 Watt LED 5000 Lumens	2x4 Surface mounted LED fixture
F	120	Surface	Elite	EU-LED-24-900L-DIM10-MVOLT-30K/35K/40K-WH USA	12 Watt LED 800 Lumens	2' LED undercabinet fixture
G	120	Suspend	Lithonia Equal: Elite	CLX L48 5000LM SEF WDL WD MVOLT GZ10 40K 80CRI BAA WH HC36M12 4-OER-LED-3000L/4000L/5000L-DIM10-MVOLT-35K/40K/50K-85	32 Watt LED 5000 Lumens	Chain hung LED strip fixture Emergency battery back-up for all cross shaded fixtures
H	120	Recessed	Lithonia Equal: Elite	CPX 2X4 6000LM 80CRI 35K SWL MIN10 ZT MVOLT BAA 24-FPL1-LED-4000/5000/6000-DIM10-MVOLT-35K-85-USA	50 Watt LED 6000 Lumens	2x4 recessed LED fixture. * Finish by architect.
I	120	Recessed	Lithonia Equal: Elite	CPX 2X4 5000LM 80CRI 35K SWL MIN10 ZT MVOLT BAA 24-FPL1-LED-4000/5000/6000-DIM10-MVOLT-35K-85-USA	45 Watt LED 5000 Lumens	2x4 recessed LED fixture. * Finish by architect.
J	120	Wall	Lithonia	WDGE1 P1 40K 80CRI VWMVOLT BAA DDBXD E4WH	11 Watt LED 1200 Lumens	LED Wall pack. Emergency battery back-up for all cross shaded fixtures
K	120	Recessed	Lithonia Equal: Elite	LDN4 40/20 L04 AR LSS MVOLT GZ10 BAA HH4-LED-2000L-DIM10-MVOLT-MD-40K-90	22 Watt LED 2000 Lumens	LED downlight
X	120	Universal	Lithonia Equal: Elite	EDG W R EL SD BAA ELX-628-R-W-USA	Integral Red LED	Injection molded, white, thermoplastic housing. Red lettering. Integral battery. Ceiling mount or mount above door as indicated on plans. Faces as required. Chevrons as indicated. Test switch. Self-diagnostics.

- Notes:
- Provide emergency battery back-up ballast for all cross-shaded fixtures, UON.
  - Coordinate all suspended fixture mounting heights with Architect and Mechanical Contractor.
  - Coordinate all fixture colors with architect or interior designer prior to purchasing.
  - Lighting fixtures indicated on dimming switches shall be provided with dimming ballasts.
  - Recessed light fixtures installed in lay-in ceilings shall be provided with grid clips, even if not specifically identified in the fixture model number.

EXISTING PANELBOARD SCHEDULE														
PANEL: C MAIN BUS: 125A				MAINS: MLO				SERVICE: 120/208VAC 3PH, 4W MOUNTED: SURFACE TYPE: NEMA 1 LOCATION: COMM RM 110A						
AIC: BUS AND BRACING														
DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY
	L1	L2	L3								L1	L2	L3	
RECEPTACLES				20A/1P			1	2		20A/1P				RECEPTACLES
RECEPTACLES				20A/1P			3	4		20A/1P				RECEPTACLES
RECEPTACLES				20A/1P			5	6		20A/1P				RECEPTACLES
RECEPTACLES				20A/1P			7	8		20A/1P				FAC
RECEPTACLES				20A/1P			9	10	3/4"C	2#12,#12G				FCU-IT (1)
RECEPTACLES				20A/1P			11	12						
SPARE				20A/1P			13	14	3/4"C	2#12,#12G				CU-IT (1)
SPARE				20A/1P			15	16						
RECEPTACLES				20A/1P			17	18		20A/1P				SPARE
RECEPTACLES				20A/1P			19	20		20A/1P				SPARE
RECEPTACLES				20A/1P			21	22		20A/1P				SPARE
RECEPTACLES				20A/1P			23	24		20A/1P				SPARE
SUB-TOTAL	0	0	0								0	0	0	SUB-TOTAL

REMARKS:  
1. NEW CIRCUIT.

CONNECTED LOADS

L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 =	0 0.00
L2 =	0 0.00
L3 =	0 0.00
TOTAL CONNECTED KVA LOAD =	0
TOTAL CONNECTED 3-PH AMPS =	0.00

EXISTING DISTRIBUTION BOARD SCHEDULE														
PANEL: MDP MAIN BUS: 1200A				MAINS: 1200A MCB				SERVICE: 120/208VAC 3PH, 4W MOUNTED: SURFACE TYPE: NEMA 1 LOCATION: ELEC RM 110						
AIC: BUS AND BRACING														
DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY
	L1	L2	L3								L1	L2	L3	
SPACE							1	2						AHU-1 (1)
PANEL C				100A/3P						60A/3P				TVSS
L1C SECTION 2				125A/3P			3	4		125A/3P				L1C SECTION 1
L1A SECTION 2				125A/3P			5	6		125A/3P				L1B SECTION 2
L1A SECTION 1				125A/3P			7	8		125A/3P				L1B SECTION 1
L3A SECTION 2				125A/3P			9	10		125A/3P				L2B SECTION 2
L3A SECTION 1				125A/3P			11	12		125A/3P				L3B SECTION 1
L2A SECTION 2				125A/3P			13	14		125A/3P				L3B SECTION 2
L2A SECTION 1				125A/3P			15	16		125A/3P				L2B SECTION 2
PANEL M				400A/3P										
SUB-TOTAL	0	0	0								0	0	0	SUB-TOTAL

REMARKS:  
1. NEW CIRCUIT.

CONNECTED LOADS

L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 =	0 0.00
L2 =	0 0.00
L3 =	0 0.00
TOTAL CONNECTED KVA LOAD =	0
TOTAL CONNECTED 3-PH AMPS =	0.00

EXISTING PANELBOARD SCHEDULE														
PANEL: M MAIN BUS: 400A				MAINS: MLO				SERVICE: 120/208VAC 3PH, 4W MOUNTED: SURFACE TYPE: NEMA 1 LOCATION: ELEC RM 110						
AIC: BUS AND BRACING														
DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY
	L1	L2	L3								L1	L2	L3	
HP-1 (1)				30A/3P	3#8,#10G	EXIST.	1	2		15A/1P				DWP-1
							3	4	EXISTING	EXISTING	20A/3P			OAU-1 (1)
							5	6						
BCU-1 DUCT HEATER				15A/3P			7	8						
							9	10	EXISTING	EXISTING	20A/3P			OAU-2 (1)
							11	12						
CHIMNEY EXHAUST				20A/1P			13	14						
CWP'S				40A/3P			15	16		20A/3P				HWP-1
							17	18						
							19	20						
HWP'S				25A/3P			21	22		20A/1P				EHV-1/T-STAT
							23	24		20A/2P				EF-2
							25	26						
ATTIC RECEPT.				20A/1P			27	28		25A/1P				EF-1, SF-1
EUH-1				30A/2P			29	30	EXISTING	EXISTING	15A/1P			BCU-1 (1)
							31	32		20A/1P				SPARE (1)
GAS WATER HEATER (1)				20A/1P	2#12,#12G	3/4"C	33	34		20A/1P				SPARE (1)
GAS WATER HEATER (1)				20A/1P	2#12,#12G	3/4"C	35	36		15A/2P				ERV-HOTWHEEL
GAS WATER HEATER (1)				20A/1P	2#12,#12G	3/4"C	37	38						
HEAT TRACE				20A/1P			39	40		20A/1P				EF-3
HEAT TRACE				20A/1P			41	42	3/4"C	2#12,#12G	20A/1P			GAS FIRED BOILER (1)
SUB-TOTAL	0	0	0								0	0	0	SUB-TOTAL

REMARKS:  
1. NEW CIRCUIT.

CONNECTED LOADS

L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 =	0 0.00
L2 =	0 0.00
L3 =	0 0.00
TOTAL CONNECTED KVA LOAD =	0
TOTAL CONNECTED 3-PH AMPS =	0.00



BARKSDALE AIR FORCE BASE LOUISIANA

APPROVED COORDINATION table with columns for SIGNATURE, OFFICE, and various roles like Chief of Engineering, Project Manager, etc.



DESIGN FIRM table with columns for Designer, Project Manager, Drafter, and Date.

REVISION table with columns for REVISION, BY/DATE, and revision details.

SHEET TITLE table with columns for SHEET, OF, and SHEET NUMBER.

ELECTRICAL PANEL SCHEDULES

PROJECT TITLE table with columns for PROJECT TITLE, SHEET, OF, SHEET NUMBER, and Facility Number.

EXISTING PANELBOARD SCHEDULE for PANEL: L1A SECTION 1, MAIN BUS: 225A. Includes a detailed table of electrical components and their ratings, along with a connected loads calculation.

EXISTING PANELBOARD SCHEDULE for PANEL: L1A SECTION 2, MAIN BUS: 125A. Includes a detailed table of electrical components and their ratings, along with a connected loads calculation.

EXISTING PANELBOARD SCHEDULE for PANEL: L1B SECTION 1, MAIN BUS: 125A. Includes a detailed table of electrical components and their ratings, along with a connected loads calculation.

EXISTING PANELBOARD SCHEDULE for PANEL: L1B SECTION 2, MAIN BUS: 125A. Includes a detailed table of electrical components and their ratings, along with a connected loads calculation.

PRELIMINARY NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS logo and contact information for Daniel W. Brown, P.E.

COPYRIGHT NOTICE: THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC.



BARKSDALE  
AIR FORCE BASE  
LOUISIANA

**APPROVED**

SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User

**COORDINATION**

	Airfield Manager
	Ground Safety
	Communication Computers
	Environmental Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Placements Engineer
	Corrosion Engineer
	Protective Coating Eng.

**EXISTING PANELBOARD SCHEDULE**

PANEL: L1C SECTION 1  
MAIN BUS: 125A

MAINS: MLO  
AIC: BUS AND BRACING

SERVICE: 120/208VAC 3PH, 4W  
MOUNTED: SURFACE  
TYPE: NEMA 1  
LOCATION: ELEC RM 110

DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CONDUIT	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY
	L1	L2	L3									L1	L2	L3	
OUTSIDE LIGHTS				20A/1P			1	2							RECEPT.
OUTSIDE LIGHTS				20A/1P			3	4							RECEPT.
OUTSIDE LIGHTS				20A/1P			5	6							RECEPT.
OUTSIDE LIGHTS				20A/1P			7	8							RECEPT.
OUTSIDE LIGHTS				20A/1P			9	10							RECEPT.
OUTSIDE LIGHTS				20A/1P			11	12							RECEPT.
OUTSIDE LIGHTS				20A/1P			13	14							RECEPT.
GAME ROOM LTS				20A/1P			15	16							RECEPT.
GAME ROOM LTS				20A/1P			17	18							RECEPT.
LIGHTS				20A/1P			19	20							JOHNSON CONTROL
EMERGENCY LIGHTS				20A/1P			21	22							RECEPT.
MECH RM RECEPT				20A/1P			23	24							RECEPT.
RECEPT				20A/1P			25	26							RECEPT.
ELEC CAR CHARGER				50A/2P			27	28							WASHING MACHINE
							29	30							WASHING MACHINE
SPARE				20A/1P			31	32							WASHING MACHINE
SPARE				20A/1P			33	34							WASHING MACHINE
SPARE				20A/1P			35	36							WASHING MACHINE
TVSS				20A/1P			37	38							WASHING MACHINE
TVSS				20A/1P			39	40							WASHING MACHINE
TVSS				20A/1P			41	42							WASHING MACHINE
SUB-TOTAL	0	0	0									0	0	0	SUB-TOTAL

REMARKS:

CONNECTED LOADS

L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 = 0	0.00
L2 = 0	0.00
L3 = 0	0.00

TOTAL CONNECTED KVA LOAD = 0  
TOTAL CONNECTED 3-PH AMPS = 0.00

**EXISTING PANELBOARD SCHEDULE**

PANEL: L1C SECTION 2  
MAIN BUS: 125A

MAINS: MLO  
AIC: BUS AND BRACING

SERVICE: 120/208VAC 3PH, 4W  
MOUNTED: SURFACE  
TYPE: NEMA 1  
LOCATION: ELEC RM 110

DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CONDUIT	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY
	L1	L2	L3									L1	L2	L3	
JBC				20A/1P			1	2							DRYER
JBC				20A/1P			3	4							DRYER
MNS				20A/1P			5	6			30A/2P				DRYER
OAHF-2 (1)				40A/3P	3#8,#10G	3/4"C	7	8							DRYER
							9	10			30A/2P				DRYER
							11	12							
SPARE				20A/1P			13	14			30A/2P				DRYER
SPARE				20A/1P			15	16							
DRYER				30A/2P			17	18			30A/2P				DRYER
							19	20							
SPARE				20A/1P			21	22			30A/2P				DRYER
SPARE				20A/1P			23	24							
SPARE				20A/1P			25	26			30A/2P				DRYER
SPARE				20A/1P			27	28							
SPARE				20A/1P			29	30			30A/2P				DRYER
SPARE				20A/1P			31	32							
SPARE				20A/1P			33	34	3/4"C	3#8,#10G	40A/3P				OAHF-1 (1)
SPARE				20A/1P			35	36							
TVSS				20A/1P			37	38							
TVSS				20A/1P			39	40			20A/1P				SPARE
TVSS				20A/1P			41	42			20A/1P				SPARE
SUB-TOTAL	0	0	0									0	0	0	SUB-TOTAL

REMARKS:  
1. NEW CIRCUIT.

CONNECTED LOADS

L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 = 0	0.00
L2 = 0	0.00
L3 = 0	0.00

TOTAL CONNECTED KVA LOAD = 0  
TOTAL CONNECTED 3-PH AMPS = 0.00

**EXISTING PANELBOARD SCHEDULE**

PANEL: L2A SECTION 1  
MAIN BUS: 125A

MAINS: MLO  
AIC: BUS AND BRACING

SERVICE: 120/208VAC 3PH, 4W  
MOUNTED: SURFACE  
TYPE: NEMA 1  
LOCATION: ELEC ROOM 214

DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CONDUIT	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY
	L1	L2	L3									L1	L2	L3	
BEDROOM RECEPT.				20A/1P			1	2			20A/1P				BEDROOM RECEPT.
FCU				20A/1P			3	4			20A/1P				FCU
REF. PLUG				20A/1P			5	6			20A/1P				REF. PLUG
KITCHEN PLUGS				20A/1P			7	8			20A/1P				KITCHEN PLUGS
BEDROOM RECEPT.				20A/1P			9	10			20A/1P				BEDROOM RECEPT.
LIGHTS				20A/1P			11	12			20A/1P				LIGHTS
STOVE				50A/2P			13	14			50A/2P				STOVE
							15	16							
BEDROOM RECEPT.				20A/1P			17	18			20A/1P				BEDROOM RECEPT.
FCU				20A/1P			19	20			20A/1P				FCU
REF. PLUG				20A/1P			21	22			20A/1P				REF. PLUG
KITCHEN PLUGS				20A/1P			23	24			20A/1P				KITCHEN PLUGS
BEDROOM RECEPT.				20A/1P			25	26			20A/1P				BEDROOM RECEPT.
LIGHTS				20A/1P			27	28			20A/1P				LIGHTS
STOVE				50A/2P			29	30			50A/2P				STOVE
							31	32							
BEDROOM RECEPT.				20A/1P			33	34			20A/1P				KITCHEN PLUGS
FCU				20A/1P			35	36			20A/1P				BEDROOM RECEPT.
REF. PLUG				20A/1P			37	38			20A/1P				LIGHTS
STOVE				50A/2P			39	40			20A/1P				LIGHTS
							41	42			20A/1P				HEAT TRACE
SUB-TOTAL	0	0	0									0	0	0	SUB-TOTAL

REMARKS:

CONNECTED LOADS

L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 = 0	0.00
L2 = 0	0.00
L3 = 0	0.00

TOTAL CONNECTED KVA LOAD = 0  
TOTAL CONNECTED 3-PH AMPS = 0.00

**EXISTING PANELBOARD SCHEDULE**

PANEL: L2A SECTION 2  
MAIN BUS: 125A

MAINS: MLO  
AIC: BUS AND BRACING

SERVICE: 120/208VAC 3PH, 4W  
MOUNTED: SURFACE  
TYPE: NEMA 1  
LOCATION: ELEC ROOM 214

DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CONDUIT	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY
	L1	L2	L3									L1	L2	L3	
BEDROOM RECEPT.				20A/1P			1	2			20A/1P				BEDROOM RECEPT.
REF. PLUG				20A/1P			3	4			20A/1P				REF. PLUG
FCU				20A/1P			5	6			20A/1P				FCU
KITCHEN PLUGS				20A/1P			7	8			20A/1P				KITCHEN PLUGS
BEDROOM RECEPT.				20A/1P			9	10			20A/1P				BEDROOM RECEPT.
LIGHTS				20A/1P			11	12			20A/1P				LIGHTS
STOVE				50A/2P			13	14			50A/2P				STOVE
							15	16							
BEDROOM RECEPT.				20A/1P			17	18			20A/1P				BEDROOM RECEPT.
REF. PLUG				20A/1P			19	20			20A/1P				REF. PLUG
FCU				20A/1P			21	22			20A/1P				FCU
KITCHEN PLUGS				20A/1P			23	24			20A/1P				KITCHEN PLUGS
BEDROOM RECEPT.				20A/1P			25	26			20A/1P				BEDROOM RECEPT.
LIGHTS				20A/1P			27	28			20A/1P				LIGHTS
STOVE				50A/2P			29	30			50A/2P				STOVE
							31	32							
SPARE				20A/1P			33	34			20A/1P				SPARE
ELEC ROOM RECEPT.				20A/1P			35	36			20A/1P				SPARE
VANITY RECEPT.				20A/1P			37	38			20A/1P				TVSS
VANITY RECEPT.				20A/1P			39	40			20A/1P				TVSS
VANITY RECEPT.				20A/1P			41	42			20A/1P				TVSS
SUB-TOTAL	0	0	0									0	0	0	SUB-TOTAL

REMARKS:

CONNECTED LOADS

L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 = 0	0.00
L2 = 0	0.00
L3 = 0	0.00

TOTAL CONNECTED KVA LOAD = 0  
TOTAL CONNECTED 3-PH AMPS = 0.00



DESIGNER: DWB PROJECT MANAGER: DWB

DRAFTER: DWB DATE:

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE

**ELECTRICAL PANEL SCHEDULES**

SHEET **E5.3** OF **24E**

PROJECT TITLE  
REPAIR DORM BOLO B4351

BARKSDALE AIR FORCE BASE,  
LOUISIANA 71110

Project Number  
OPP. NO. 1086485

Drawing Number  
Facility Number  
B4351

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

**CONSULTING ENGINEERS**

3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJ&C.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJ&C. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJ&C. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.



**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

**APPROVED**  
SIGNATURE OFFICE  
Civil Engineer  
Chief of Engineering  
Chief of Design  
Contracting  
User

**COORDINATION**  
Airfield Manager  
Ground Safety  
Communication Computers  
Bioregional Engineer  
Security Police  
Security Systems  
Fire Chief  
Chief of Operations  
Construction Management  
Roofing Engineer  
Pavements Engineer  
Corrosion Engineer  
Protective Coating Eng.

DESIGN FIRM



Designer DWB Project Manager DWB  
Drafter DWB Date

REVISION BY/DATE  
TITLE 1-A 15% 25 OCT 2023  
TITLE 1-B 35% 19 DEC 2023  
TITLE 1-B 35%A 01 FEB 2024

SHEET TITLE  
**ELECTRICAL PANEL SCHEDULES**

SHEET **E5.4** OF 24E

PROJECT TITLE  
REPAIR DORM BOLO B4351  
BARKSDALE AIR FORCE BASE, LOUISIANA 71110  
Project Number  
Opp. NO. 1086485  
Drawing Number Facility Number  
B4351

EXISTING PANELBOARD SCHEDULE																
PANEL: L2B SECTION 1 MAIN BUS: 125A					MAINS: MLO AIC: BUS AND BRACING					SERVICE: 120/208VAC 3PH, 4W MOUNTED: SURFACE TYPE: NEMA 1 LOCATION: ELEC RM 202						
DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CONDUIT	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY	
	L1	L2	L3									L1	L2	L3		
BEDROOM RECEPT.				20A/1P			1	2			20A/1P				BEDROOM RECEPT.	
FCU				20A/1P			3	4			20A/1P				FCU	
REF. PLUG				20A/1P			5	6			20A/1P				REF. PLUG	
KITCHEN PLUGS				20A/1P			7	8			20A/1P				KITCHEN PLUGS	
BEDROOM RECEPT.				20A/1P			9	10			20A/1P				BEDROOM RECEPT.	
LIGHTS				20A/1P			11	12			20A/1P				LIGHTS	
STOVE				50A/2P			13	14			50A/2P				STOVE	
							15	16								
BEDROOM RECEPT.				20A/1P			17	18			20A/1P				BEDROOM RECEPT.	
FCU				20A/1P			19	20			20A/1P				FCU	
REF. PLUG				20A/1P			21	22			20A/1P				REF. PLUG	
KITCHEN PLUGS				20A/1P			23	24			20A/1P				KITCHEN PLUGS	
BEDROOM RECEPT.				20A/1P			25	26			20A/1P				BEDROOM RECEPT.	
LIGHTS				20A/1P			27	28			20A/1P				LIGHTS	
STOVE				50A/2P			29	30			50A/2P				STOVE	
							31	32								
BEDROOM RECEPT.				20A/1P			33	34			20A/1P				KITCHEN PLUGS	
REF. PLUG				20A/1P			35	36			20A/1P				BEDROOM RECEPT.	
FCU				20A/1P			37	38			20A/1P				LIGHTS	
STOVE				50A/2P			39	40			20A/1P				LIGHTS	
							41	42			20A/1P				HEAT TRACE	
SUB-TOTAL	0	0	0									0	0	0	SUB-TOTAL	

REMARKS:

CONNECTED LOADS  
L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 =	0 0.00
L2 =	0 0.00
L3 =	0 0.00
TOTAL CONNECTED KVA LOAD =	0
TOTAL CONNECTED 3-PH AMPS =	0.00

EXISTING PANELBOARD SCHEDULE																
PANEL: L2B SECTION 2 MAIN BUS: 125A					MAINS: MLO AIC: BUS AND BRACING					SERVICE: 120/208VAC 3PH, 4W MOUNTED: SURFACE TYPE: NEMA 1 LOCATION: ELEC RM 202						
DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CONDUIT	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY	
	L1	L2	L3									L1	L2	L3		
BEDROOM RECEPT.				20A/1P			1	2			20A/1P				BEDROOM RECEPT.	
REF. PLUG				20A/1P			3	4			20A/1P				REF. PLUG	
FCU				20A/1P			5	6			20A/1P				FCU	
KITCHEN PLUGS				20A/1P			7	8			20A/1P				KITCHEN PLUGS	
BEDROOM RECEPT.				20A/1P			9	10			20A/1P				BEDROOM RECEPT.	
LIGHTS				20A/1P			11	12			20A/1P				LIGHTS	
STOVE				50A/2P			13	14			50A/2P				STOVE	
							15	16								
BEDROOM RECEPT.				20A/1P			17	18			20A/1P				BEDROOM RECEPT.	
REF. PLUG				20A/1P			19	20			20A/1P				REF. PLUG	
FCU				20A/1P			21	22			20A/1P				FCU	
KITCHEN PLUGS				20A/1P			23	24			20A/1P				KITCHEN PLUGS	
BEDROOM RECEPT.				20A/1P			25	26			20A/1P				BEDROOM RECEPT.	
LIGHTS				20A/1P			27	28			20A/1P				LIGHTS	
STOVE				50A/2P			29	30			50A/2P				STOVE	
							31	32								
SPARE				20A/1P			33	34			20A/1P				SPARE	
ELEC ROOM RECEPT.				20A/1P			35	36			20A/1P				SPARE	
VANITY RECEPT.				20A/1P			37	38			20A/1P				TVSS	
VANITY RECEPT.				20A/1P			39	40			20A/1P				TVSS	
VANITY RECEPT.				20A/1P			41	42			20A/1P				TVSS	
SUB-TOTAL	0	0	0									0	0	0	SUB-TOTAL	

REMARKS:

CONNECTED LOADS  
L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 =	0 0.00
L2 =	0 0.00
L3 =	0 0.00
TOTAL CONNECTED KVA LOAD =	0
TOTAL CONNECTED 3-PH AMPS =	0.00

EXISTING PANELBOARD SCHEDULE																
PANEL: L3A SECTION 1 MAIN BUS: 125A					MAINS: MLO AIC: BUS AND BRACING					SERVICE: 120/208VAC 3PH, 4W MOUNTED: SURFACE TYPE: NEMA 1 LOCATION: ELEC RM 314						
DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CONDUIT	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY	
	L1	L2	L3									L1	L2	L3		
BEDROOM RECEPT.				20A/1P			1	2			20A/1P				BEDROOM RECEPT.	
FCU				20A/1P			3	4			20A/1P				FCU	
REF. PLUG				20A/1P			5	6			20A/1P				REF. PLUG	
KITCHEN PLUGS				20A/1P			7	8			20A/1P				KITCHEN PLUGS	
BEDROOM RECEPT.				20A/1P			9	10			20A/1P				BEDROOM RECEPT.	
LIGHTS				20A/1P			11	12			20A/1P				LIGHTS	
STOVE				50A/2P			13	14			50A/2P				STOVE	
							15	16								
BEDROOM RECEPT.				20A/1P			17	18			20A/1P				BEDROOM RECEPT.	
FCU				20A/1P			19	20			20A/1P				FCU	
REF. PLUG				20A/1P			21	22			20A/1P				REF. PLUG	
KITCHEN PLUGS				20A/1P			23	24			20A/1P				KITCHEN PLUGS	
BEDROOM RECEPT.				20A/1P			25	26			20A/1P				BEDROOM RECEPT.	
LIGHTS				20A/1P			27	28			20A/1P				LIGHTS	
STOVE				50A/2P			29	30			50A/2P				STOVE	
							31	32								
BEDROOM RECEPT.				20A/1P			33	34			20A/1P				KITCHEN PLUGS	
FCU				20A/1P			35	36			20A/1P				BEDROOM RECEPT.	
REF. PLUG				20A/1P			37	38			20A/1P				LIGHTS	
STOVE				50A/2P			39	40			20A/1P				LIGHTS	
							41	42			20A/1P				HEAT TRACE	
SUB-TOTAL	0	0	0									0	0	0	SUB-TOTAL	

REMARKS:

CONNECTED LOADS  
L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 =	0 0.00
L2 =	0 0.00
L3 =	0 0.00
TOTAL CONNECTED KVA LOAD =	0
TOTAL CONNECTED 3-PH AMPS =	0.00

EXISTING PANELBOARD SCHEDULE																
PANEL: L3A SECTION 2 MAIN BUS: 125A					MAINS: MLO AIC: BUS AND BRACING					SERVICE: 120/208VAC 3PH, 4W MOUNTED: SURFACE TYPE: NEMA 1 LOCATION: ELEC RM 314						
DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CONDUIT	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY	
	L1	L2	L3									L1	L2	L3		
BEDROOM RECEPT.				20A/1P			1	2			20A/1P				BEDROOM RECEPT.	
REF. PLUG				20A/1P			3	4			20A/1P				REF. PLUG	
FCU				20A/1P			5	6			20A/1P				FCU	
KITCHEN PLUGS				20A/1P			7	8			20A/1P				KITCHEN PLUGS	
BEDROOM RECEPT.				20A/1P			9	10			20A/1P				BEDROOM RECEPT.	
LIGHTS				20A/1P			11	12			20A/1P				LIGHTS	
STOVE				50A/2P			13	14			50A/2P				STOVE	
							15	16								
BEDROOM RECEPT.				20A/1P			17	18			20A/1P				BEDROOM RECEPT.	
REF. PLUG				20A/1P			19	20			20A/1P				REF. PLUG	
FCU				20A/1P			21	22			20A/1P				FCU	
KITCHEN PLUGS				20A/1P			23	24			20A/1P				KITCHEN PLUGS	
BEDROOM RECEPT.				20A/1P			25	26			20A/1P				BEDROOM RECEPT.	
LIGHTS				20A/1P			27	28			20A/1P				LIGHTS	
STOVE				50A/2P			29	30			50A/2P				STOVE	
							31	32								
SPARE				20A/1P			33	34			20A/1P				TVSS	
ELEC ROOM RECEPT.				20A/1P			35	36			20A/1P				TVSS	
VANITY RECEPT.				20A/1P			37	38			20A/1P				TVSS	
VANITY RECEPT.				20A/1P			39	40			50A/2P				STOVE	
VANITY RECEPT.				20A/1P			41	42								
SUB-TOTAL	0	0	0									0	0	0	SUB-TOTAL	

REMARKS:

CONNECTED LOADS  
L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 =	0 0.00
L2 =	0 0.00
L3 =	0 0.00
TOTAL CONNECTED KVA LOAD =	0
TOTAL CONNECTED 3-PH AMPS =	0.00

**PRELIMINARY**

NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3033 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AE&C.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

PROJECT TITLE  
REPAIR DORM BOLO B4351

BARKSDALE AIR FORCE BASE, LOUISIANA 71110

Project Number  
Opp. NO. 1086485

Drawing Number Facility Number  
B4351

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.





**BARKSDALE  
AIR FORCE BASE  
LOUISIANA**

APPROVED	
SIGNATURE	OFFICE
	Civil Engineer
	Chief of Engineering
	Chief of Design
	Contracting
	User
COORDINATION	
	Field Manager
	Ground Safety
	Communication Computers
	Biorecruitment
	Engineer
	Security Police
	Security Systems
	Fire Chief
	Chief of Operations
	Construction Management
	Roofing Engineer
	Pavements Engineer
	Corrosion Engineer
	Protective Coating Eng.



Designer	DWB	Project Manager	DWB
Drafter	DWB	Date	

REVISION	BY/DATE
TITLE 1-A 15%	25 OCT 2023
TITLE 1-B 35%	19 DEC 2023
TITLE 1-B 35%A	01 FEB 2024

SHEET TITLE  
**ELECTRICAL PANEL SCHEDULES**

SHEET	<b>E5.4</b>	OF	24E
PROJECT TITLE	REPAIR DORM BOLO B4351		
PROJECT NUMBER	BARKSDALE AIR FORCE BASE, LOUISIANA 71110		
DRAWING NUMBER	OPP. NO. 1086485	FACILITY NUMBER	B4351

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT

CONSULTING ENGINEERS  
3023 KNIGHT STREET, SUITE 100  
SHREVEPORT, LOUISIANA 71105  
phone: 318-425-7402 fax: 318-425-4622  
www.AFJMC.com

ENGINEER: DANIEL W. BROWN, P.E.  
LICENSE NO. 41687

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY 23-148

COPYRIGHT NOTICE:  
THIS ENGINEERING DRAWING SHALL BE USED ONLY PURSUANT TO THE AGREEMENT WITH AFJMC. NO OTHER USE, DISSEMINATION OR DUPLICATION MAY BE MADE WITHOUT PRIOR WRITTEN CONSENT OF AFJMC. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE ARE HEREBY SPECIFICALLY RESERVED.

EXISTING PANELBOARD SCHEDULE															
PANEL: L3B SECTION 2 MAIN BUS: 125A				MAINS: MLO				SERVICE: 120/208VAC 3PH, 4W MOUNTED: SURFACE TYPE: NEMA 1 LOCATION: ELEC RM 302							
AIC: BUS AND BRACING															
DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CONDUIT	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY
	L1	L2	L3									L1	L2	L3	
BEDROOM RECEPT.				20A/1P			1	2			20A/1P				BEDROOM RECEPT.
FCU				20A/1P			3	4			20A/1P				FCU
REF. PLUG				20A/1P			5	6			20A/1P				REF. PLUG
KITCHEN PLUGS				20A/1P			7	8			20A/1P				KITCHEN PLUGS
BEDROOM RECEPT.				20A/1P			9	10			20A/1P				BEDROOM RECEPT.
LIGHTS				20A/1P			11	12			20A/1P				LIGHTS
STOVE				50A/2P			13	14			50A/2P				STOVE
							15	16							
BEDROOM RECEPT.				20A/1P			17	18			20A/1P				BEDROOM RECEPT.
FCU				20A/1P			19	20			20A/1P				FCU
REF. PLUG				20A/1P			21	22			20A/1P				REF. PLUG
KITCHEN PLUGS				20A/1P			23	24			20A/1P				KITCHEN PLUGS
BEDROOM RECEPT.				20A/1P			25	26			20A/1P				BEDROOM RECEPT.
LIGHTS				20A/1P			27	28			20A/1P				LIGHTS
STOVE				50A/2P			29	30			50A/2P				STOVE
							31	32							
BEDROOM RECEPT.				20A/1P			33	34			20A/1P				KITCHEN PLUGS
REF. PLUG				20A/1P			35	36			20A/1P				BEDROOM RECEPT.
FCU				20A/1P			37	38			20A/1P				LIGHTS
STOVE				50A/2P			39	40			50A/2P				LIGHTS
							41	42			20A/1P				HEAT TRACE
SUB-TOTAL	0	0	0									0	0	0	SUB-TOTAL

REMARKS:

CONNECTED LOADS  
L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 = 0	0.00
L2 = 0	0.00
L3 = 0	0.00
TOTAL CONNECTED KVA LOAD =	0
TOTAL CONNECTED 3-PH AMPS =	0.00

EXISTING PANELBOARD SCHEDULE															
PANEL: L3B SECTION 1 MAIN BUS: 125A				MAINS: MLO				SERVICE: 120/208VAC 3PH, 4W MOUNTED: SURFACE TYPE: NEMA 1 LOCATION: ELEC RM 302							
AIC: BUS AND BRACING															
DIRECTORY	KVA LOAD			BREAKER RATING	WIRE QTY./SIZE	CONDUIT	CIRCUIT NUMBER	CIRCUIT NUMBER	CONDUIT	WIRE QTY./SIZE	BREAKER RATING	KVA LOAD			DIRECTORY
	L1	L2	L3									L1	L2	L3	
BEDROOM RECEPT.				20A/1P			1	2			20A/1P				BEDROOM RECEPT.
FCU				20A/1P			3	4			20A/1P				FCU
REF. PLUG				20A/1P			5	6			20A/1P				REF. PLUG
KITCHEN PLUGS				20A/1P			7	8			20A/1P				KITCHEN PLUGS
BEDROOM RECEPT.				20A/1P			9	10			20A/1P				BEDROOM RECEPT.
LIGHTS				20A/1P			11	12			20A/1P				LIGHTS
STOVE				50A/2P			13	14			50A/2P				STOVE
							15	16							
BEDROOM RECEPT.				20A/1P			17	18			20A/1P				BEDROOM RECEPT.
FCU				20A/1P			19	20			20A/1P				FCU
REF. PLUG				20A/1P			21	22			20A/1P				REF. PLUG
KITCHEN PLUGS				20A/1P			23	24			20A/1P				KITCHEN PLUGS
BEDROOM RECEPT.				20A/1P			25	26			20A/1P				BEDROOM RECEPT.
LIGHTS				20A/1P			27	28			20A/1P				LIGHTS
STOVE				50A/2P			29	30			50A/2P				STOVE
							31	32							
BEDROOM RECEPT.				20A/1P			33	34			20A/1P				KITCHEN PLUGS
REF. PLUG				20A/1P			35	36			20A/1P				BEDROOM RECEPT.
FCU				20A/1P			37	38			20A/1P				LIGHTS
STOVE				50A/2P			39	40			50A/2P				LIGHTS
							41	42			20A/1P				HEAT TRACE
SUB-TOTAL	0	0	0									0	0	0	SUB-TOTAL

REMARKS:

CONNECTED LOADS  
L-L VOLT = 208  
L-N VOLT = 120

KVA	AMPS
L1 = 0	0.00
L2 = 0	0.00
L3 = 0	0.00
TOTAL CONNECTED KVA LOAD =	0
TOTAL CONNECTED 3-PH AMPS =	0.00