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LITTLE ROCK AIR FORCE BASE

REPAIR (R & M) AIRMEN DORM B860
NKAK 23-1001



FOR CONSTRUCTION

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GENERAL NOTES

ANNOTATION CALLOUTS/DRAWING SYMBOLS

NUMBERING SYSTEM:

DISCIPLINE:
C - CIVIL
L - LANDSCAPE
A - ARCHITECTURE
M - MECHANICAL
E - ELECTRICAL
P - PLUMBING
S - STRUCTURAL
K - FOOD SERVICE

DISCIPLINE MODIFIER

SHEET NUMBER WITHIN SERIES

XX100 — REFER TO A/E/C CAD STANDARD FOR SHEET NUMBERING STANDARDS

INTERIOR ELEVATION SHEET NUMBER (1 / 2 A204 4 / 3) — ELEVATION NUMBER

EXTERIOR ELEVATION (1 / A201) — SHEET NUMBER

SECTION (1 / A301) — SHEET NUMBER

INTERIOR PARTITION (2/A301) — SHEET NUMBER

ENLARGEMENT, DETAIL (1 / A401) — SHEET NUMBER

REVISION TAG (1)

PLAN NORTH — NORTH ARROW w/ TRUE NORTH INDICATION

ROOM 101 — ROOM TAG

100' — SPOT ELEVATION

LEVEL 01 100' — LEVEL NAME

A — SHEET KEYNOTE

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: TITLE SHEET

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REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	T101
DATE: 30 October 2025	
SCALE: NTS	1 of 108

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ABBREVIATIONS

A:

&	AND
@	AT
ABV.	ABOVE
A/C	AIR CONDITIONING
A.C.T.	ACOUSTICAL CEILING TILE
A.D.	ACCESS DOOR, AREA DRAIN
ADDL.	ADDITIONAL
ADJ.	ADJACENT
A.F.F.	ABOVE FINISH FLOOR
A.H.U.	AIR HANDLING UNIT
ALUM.	ALUMINUM
ALT.	ALTERNATE
A.P.	ACCESS PANEL
ASPH.	ASPHALT

B:

B.C.	BOTTOM OF CURB
BD.	BOARD
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
B.M.	BENCHMARK
BM.	BEAM
BRG.	BEARING
BRG. PL.	BEARING PLATE

C:

CAB.	CABINET
C.B.	CATCH BASIN
C.M.U.	CONCRETE MASONRY UNIT
C.I.	CURB INLET
C.I.P.	CAST-IN-PLACE CONCRETE
C.J.	CONTROL JOINT
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR, CLEARANCE
COL.	COLUMN
CONC.	CONCRETE
CONF.	CONFERENCE ROOM
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
CORR.	CORRIDOR
CPT.	CARPET
CTR.	CENTER
C.T.	PORCELAIN TILE

D:

DTL.	DETAIL
DIA., ∅	DIAMETER
DIAG.	DIAGRAM
DIM.	DIMENSION
DN.	DOWN
DR.	DOOR
D.S.	DOWNSPOUT
DWG.	DRAWING

E:

EA.	EACH
E.J.	EXPANSION JOINT
EL.	ELEVATION
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMER.	EMERGENCY
E.N.O.	EXCEPT NOTED OTHERWISE
E.O.P.	EDGE OF PAVEMENT
E.O.S.	EDGE OF SLAB
EQUIP.	EQUIPMENT
E.W.C.	ELEC WATER COOLER
EXIST.	EXISTING
EXT.	EXTERIOR
E.W.	EACH WAY

F:

F.A.	FIREALARM
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.H.C.	FIRE HOSE CABINET
F.S.	FIRE STANDPIPE
F.F.E.	FINISHED FLOOR ELEVATION
F.F.L.	FINISHED FLOOR LINE
FIN.	FINISH(ED)
FIN. FL.	FINISH(ED) FLOOR
FLRG.	FLOORING
FLUOR.	FLUORESCENT
F.O.F.	FACE OF FINISH
F.O.S.	FACE OF STUD
FURR.	FURR (ED) (ING)

G:

GALV.	GALVANIZED
GL.	GLASS, GLAZING
GR.	GRADE
G.R.	GUARD RAIL
GYP.BD.	GYPSUM BOARD

H:

H.C.	HANDICAPPED
HD.	HAND, HEAD
HDR.	HEADER
HDWE.	HARDWARE
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HGT.	HEIGHT
H.R.	HAND RAIL
H.S.	HORIZONTAL SLIDING

I:

INSUL.	INSULATION
INT.	INTERIOR
I.D.	INSIDE DIAMETER
INV.	INVERT

J:

JAN	JANITORS CLOSET
JT.	JOINT

K:

KIT.	KITCHEN

L:

LAM	LAMINATE
LAM.FL.	LAMINATE FLOORING
LAV.	LAVATORY
L.H.	LEFT HAND
LTL.	LINTEL

M:

MRBL.	MARBLE
MAS.	MASONRY
MAX.	MAXIMUM
MPT.	MID-POINT
MH.	MANHOLE
MANUF.	MANUFACTURER
MECH.	MECHANICAL
MIN.	MINIMUM
MTL.	METAL
M.O.	MASONRY OPENING
MISC.	MISCELLANEOUS

N:

N.C.	NONCOMBUSTIBLE
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
N/A	NOT APPLICABLE
N.T.S.	NOT TO SCALE

O:

O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.C.I	OWNER FURNISHED, CONTRACTOR INSTALLED
OFF.	OFFICE
OH.	OVERHEAD
OPNG.	OPENING
OP.HD.	OPPOSITE HAND
O-O.	OUT TO OUT

P:

P.C.	PRECAST
PL.	PLASTER
PNL.	PANEL,PANELING
PLY.	PLYWOOD
PLAM.	PLASTIC LAMINATE
PLUMB.	PLUMBING
P.P.	POWER POLE
PRELIM.	PRELIMINARY
PVT.	PAVEMENT
PVC	POLYVINYL CHLORIDE

R:

R.	RADIUS, RISER
RE.	REFERENCE
R.C.P.	REINFORCED CONCRETE PIPE
R.D.	ROOF DRAIN
REINF.	REINFORCED,REINFORCING
REQ'D.	REQUIRED
RES.	RESILIENT
RM.	ROOM
R.O.	ROUGH OPENING
R.H.	RIGHT HAND

S:

SCHED	SCHEDULE
SHT.	SHEET(S)
SIM.	SIMILAR
SPEC.	SPECIFICATIONS
S.M.	SHEET METAL
S.S.	STAINLESS STEEL
STL.	STEEL
STOR.	STORAGE
STRUC.	STRUCTURE
STRUCT.	STRUCTURAL
SHWR.	SHOWER

T:

T.C.	TOP OF CURB
T.D.	TRENCH DRAIN
TLT.	TOILET
TEL	TELEPHONE
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TYP.	TYPICAL
TH.	THRESHOLD
TV.	TELEVISION

U:

UON	UNLESS OTHERWISE NOTED
UR.	URINAL
UTIL.	UTILITY

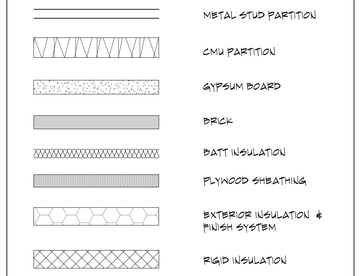
V:

V.C.T.	VINYL COMPOSITE TILE
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
VIN.	VINYL

W:

W.	WIDTH, WIDE
W.C.	WATER CLOSET
W.H.	WATER HEATER
W/	WITH
W.W.F.	WELDED WIRE FABRIC
W/O.	WITHOUT
W.P.	WORKING POINT
WDW.	WINDOW

Drawing Materials Legend



FOR INFORMATION ONLY

BUILDING CODE DATA

CODE REVIEW BASED UPON THE FOLLOWING:
INTERNATIONAL BUILDING CODE 2018 ED
INTERNATIONAL EXISTING BUILDING CODE 2018 ED
ARKANSAS FIRE PREVENTION CODE, 2021 ED
NATIONAL FIRE PROTECTION CODE NFPA 101
UFC 1-200-01 BUILDING CODE
UFC 1-200-02HIGH PERFORMANCE AND SUSTAINABLE BUILDING REQUIREMENTS
UFC 3-310-4 SEISMIC DESIGN FOR BUILDING
UFC 3-600-01 FIRE PROTECTION ENGINEERING FOR FACILITIES
UFC 4-010-01 DOD ANTITERRORISM STANDARD FOR BUILDINGS
UFC 4-021-01 W/ECB 2018-17
UFC 4-023-03 DESIGN OF BUILDINGS TO RESIST PROGRESSIVE COLLAPSE

OCCUPANCY GROUP: RESIDENTIAL GROUP R-2

TYPE OF CONSTRUCTION: TYPE II (B) PROTECTED

ALLOWABLE AREA & HEIGHT:

ALLOWABLE HEIGHT - STORIES	4	TABLE 504.4
ALLOWABLE HEIGHT - FEET	60'	TABLE 504.3
ALLOWABLE AREA	16,000 SF PER FLOOR	TABLE 506.2

ACTUAL BUILDING AREA:

HEATED AND COOLED	8,562 SF
EXTERIOR WALK WAY	3,156 SF
EXTERIOR STAIR WAY	2@275 550 SF
TOTAL FLOOR AREA	12,268 SF PER FLOOR
TOTAL BUILDING AREA	36,804 SF

ACTUAL BUILDING HEIGHT: 3 STORY, 44' AFF

FIRE RESISTIVE REQUIREMENTS:

STRUCTURAL FRAME:	0 HOUR
BEARING WALLS:	0 HOUR
NONBEARING INTERIOR WALLS:	0 HOUR
ROOF CONSTRUCTION:	0 HOUR
EXTERIOR WALLS:	0 HOUR
FLOOR CONSTRUCTION	0 HOUR

OCCUPANCY REQUIREMENTS:

420.2 SEPARATING UNITS SHALL BE CONSTRUCTED AS FIRE PARTITIONS IN ACCORDANCE WITH SECTION 708.

420.3 FLOOR ASSEMBLIES SEPARATION DWELLING UNITS IN THE SAME BUILDING SHALL BE CONSTRUCTED AS A HORIZONTAL ASSEMBLIES IN ACCORDANCE WITH SECTION 711.

420.4 GROUP R OCCUPANCIES SHALL BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.2.8.

FIRE AND SMOKE:

SECTION 708.3 EXP 2 DWELLING UNIT SEPARATION IN TYPE IIB CONSTRUCTION SHALL HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 1/2 HOUR IN BUILDING EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.1.1.

SECTION 711.2.3 EXP. 2 TYPE IIB BUILDINGS THE CONSTRUCTION SUPPORTING THE HORIZONTAL ASSEMBLY IN NOT REQUIRED TO BE FIRE-RESISTANCE RATED AT THE FOLLOWING: HORIZONTAL ASSEMBLIES AT THE SEPARATION OF DWELLING UNITS AS REQUIRED BY SECTION 420.3.

SECTION 711.2.4.3 DWELLING UNITS, EXCEPTION: HORIZONTAL ASSEMBLIES SEPARATING DWELLING UNITS SHALL NOT BE LESS THAN 1/2 HOUR FIRE-RESISTANCE-RATED CONSTRUCTION IN A BUILDING OF TYPE IIB CONSTRUCTION, WHERE THE BUILDING IS EQUIPPED THROUGHOUT THAN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1.

PORTABLE FIRE EXTINGUISHERS: PORTABLE FIRE EXTINGUISHERS ARE REQUIRED.

FIRE ALARM SYSTEM: A FIRE ALARM SYSTEM IS PROVIDED

INTERIOR FINISHES:

TABLE 803.13	WALLS AND CEILINGS:	CLASS C
	INTERIOR PASSAGE WAYS:	CLASS C
	CORRIDORS	CLASS C
	ROOMS AND ENCLOSED SPACES	CLASS C
	FLOORS - MIN CRITICAL RADIANT FLUX	CLASS II

FIRE PROTECTION AND LIFE SAFETY:

SECTION 903.2.8 GROUP R: AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3 SHALL BE PROVIDED THROUGHOUT ALL BUILDINGS WITH A GROUP R FIRE AREA.

SECTION 903.3.1.2 NFPA 13R: AUTOMATIC SPRINKLER SYSTEMS IN GROUP R OCCUPANCIES SHALL BE PERMITTED TO BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13R WHERE THE GROUP R OCCUPANCY MEETS ALL OF THE FOLLOWING CONDITIONS:

FOUR STORES OF FEWER ABOVE GRADE PLANE:

THE FLOOR LEVEL OF THE HIGHEST STORY IS 30 FT OR LESS ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS:

THE FLOOR LEVEL OF THE LOWEST STORY IS 30 FT OF LESS BELOW THE LOWEST LEVEL OF THE FIRE DEPARTMENT VEHICLE ACCESS.

EXIT ACCESS TRAVEL DISTANCE 250 FEET MAX.

MEANS OF EGRESS:

TABLE 1004.5 MAX FLOOR AREA PER OCCUPANT
RESIDENTIAL 200 GROSS 8,638 SF/FL / 200SF PER OCC = 44 OCCUPANTS PER FLOOR
MECHANICAL 300 GROSS
ASSEMBLY 7 NET

1005.3.1 STAIRWAYS = 0.3 INCHES OF EGRESS WIDTH PER OCCUPANT
44 OCCUPANTS PER FLOOR * 0.3 INCHES PER OCCUPANT = 13.2 INCHES REQUIRED
44" MINIMUM PROVIDED PER STAIR, SO OK.

1005.3.2 OTHER EGRESS COMPONENTS = 0.2" PER OCCUPANT
44 OCCUPANTS PER FLOOR * 0.2 INCHES PER OCCUPANT = 8.8 INCHES REQUIRED
36" MINIMUM PROVIDED FOR EGRESS DOORS, SO OK.

EXIT CAPACITY BY FLOOR:

FIRST FLOOR:
EXIT A: 36"/.2" PER OCC = 180 OCCUPANTS
EXIT B: 36"/.2" PER OCC = 180 OCCUPANTS
EXIT C: 36"/.2" PER OCC = 180 OCCUPANTS
EXIT D 36"/.2" PER OCC = 180 OCCUPANTS
SECOND FLOOR:
EXIT E: 36"/.3" PER OCC = 120 OCCUPANTS
EXIT F: 36"/.3" PER OCC = 120 OCCUPANTS
EXIT G: 36"/.3" PER OCC = 120 OCCUPANTS
EXIT H: 36"/.3" PER OCC = 120 OCCUPANTS
THIRD FLOOR:
EXIT J: 36"/.3" PER OCC = 120 OCCUPANTS
EXIT K: 36"/.3" PER OCC = 120 OCCUPANTS
EXIT L: 36"/.3" PER OCC = 120 OCCUPANTS
EXIT M: 36"/.3" PER OCC = 120 OCCUPANTS

1009.3.3 AREAS OF REFUGE, EXCEPTION 2: AREAS OF REFUGE ARE NOT REQUIRED AT STAIRWAYS IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.

1031.2 EMERGENCY ESCAPE AND RESCUE, EXCEPTION 2: EMERGENCY ESCAPE AND RESCUE OPENINGS ARE NOT REQUIRED FROM BASEMENTS OR SLEEPING ROOMS THAT HAVE AN EXIT DOOR OR EXIT ACCESS DOOR THAT OPENS DIRECTLY INTO A PUBLIC OR OR TO A YARD, COURT OR EXTERIOR EGRESS BALCONY THAT OPENS TO A PUBLIC WAY.

ACCESSIBILITY

1108.4 ACCESSIBLE ROUTES, EXCEPTION 3: IN GROUP R-2 FACILITIES WITH TYPE A UNITS COMPLYING WITH SECTION 1108.6.2.2.1, AN ACCESSIBLE ROUTE IS NOT REQUIRED TO CONNECT STORIES OR MEZZANINES WHERE TYPE A UNITS, ALL COMMON USE AREAS ARE ON AN ACCESSIBLE ROUTE.

TABLE 1108.6.1.1 ACCESSIBLE DWELLING UNITS AND SLEEPING UNITS:
UNITS PROVIDED = 74
UNITS WITHOUT ROLL-IN SHOWERS REQUIRED = 3
UNITS WITH ROLL-IN SHOWERS REQUIRED = 1
TOTAL ACCESSIBLE UNITS REQUIRED = 4

AIR MOBILITY COMMAND

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ARKANSAS ARCHITECT

CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

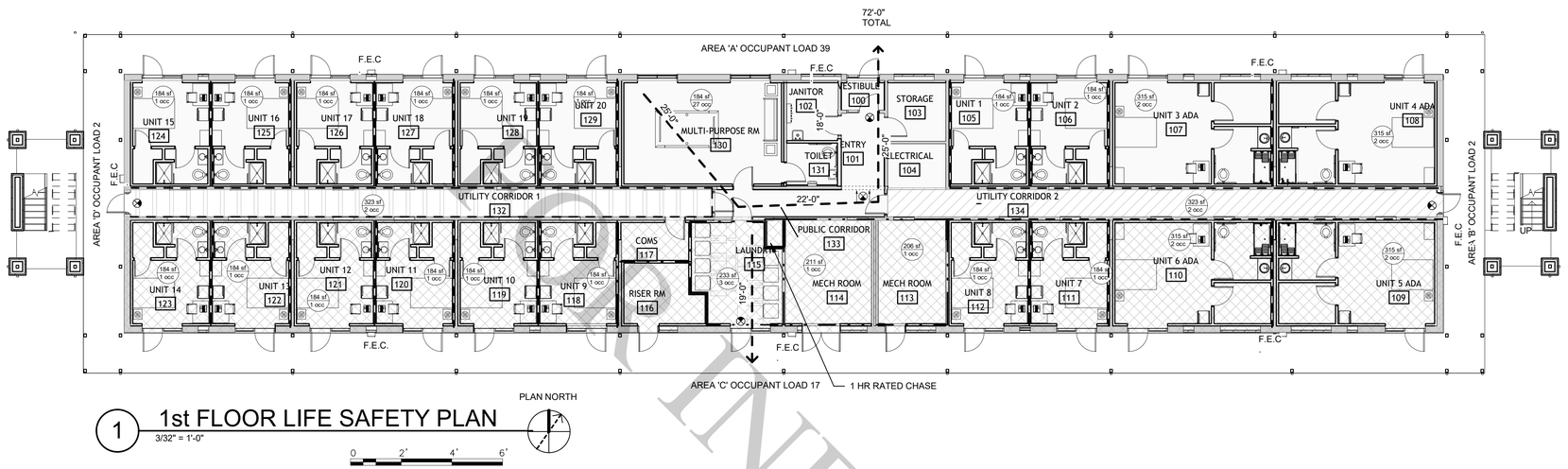
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PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

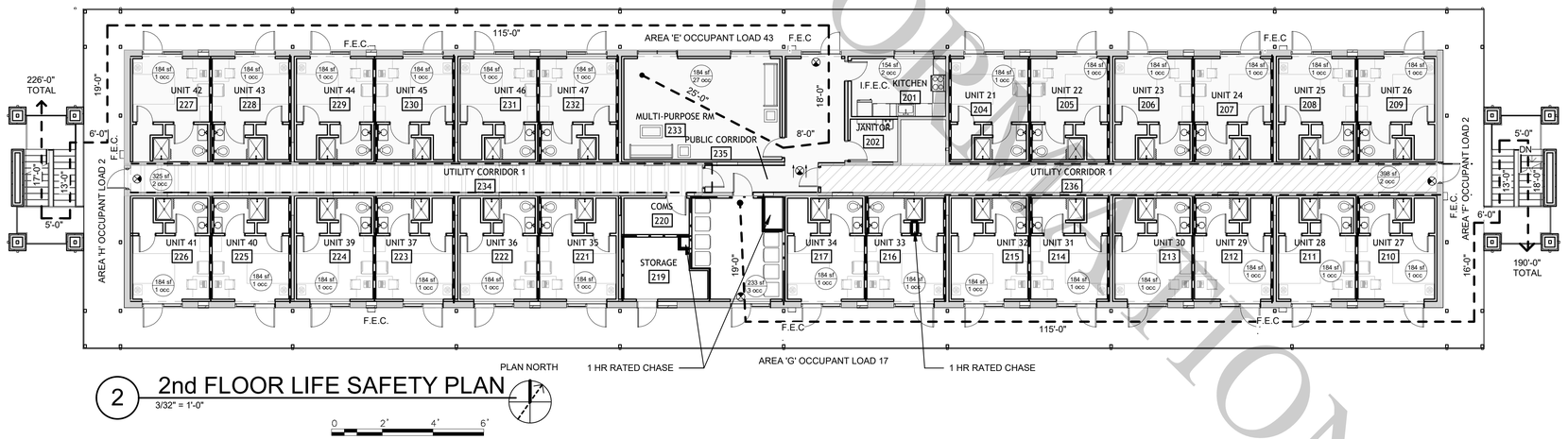
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GENERAL INFORMATION

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REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	T102
DATE: 30 October 2025	
SCALE: 1/4" = 1'-0"	2 of 108

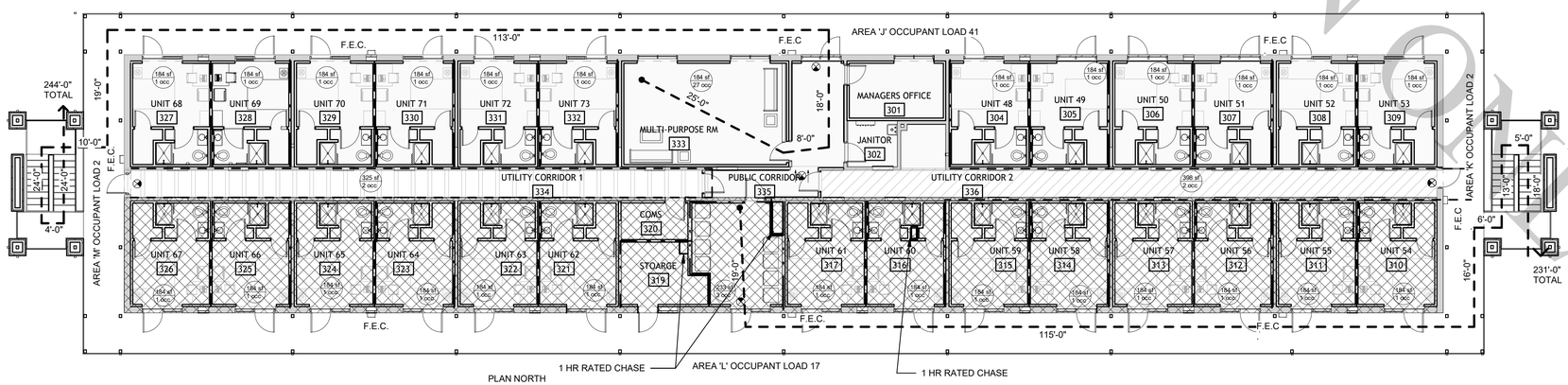
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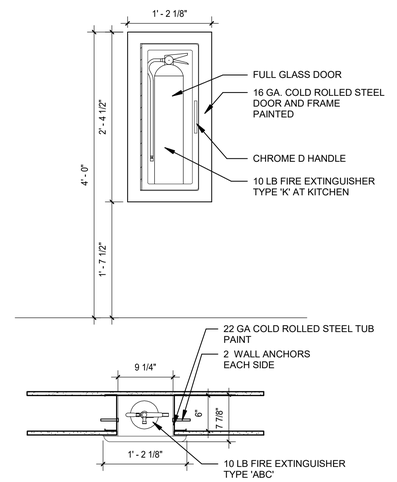
1 1st FLOOR LIFE SAFETY PLAN
3/32" = 1'-0"



2 2nd FLOOR LIFE SAFETY PLAN
3/32" = 1'-0"



3 3rd FLOOR LIFE SAFETY PLAN
3/32" = 1'-0"



4 FIRE EXT CABINET INTERIOR
1" = 1'-0"

5 FIRE EXT CABINET EXTERIOR
1" = 1'-0"

NOTE:
1. FEC INDICATES EXTERIOR FIRE EXTINGUISHER CABINET SURFACE MOUNTED
2. IFEC INDICATES INTERIOR FIRE EXTINGUISHER CABINET RECESSED IN WALL

INDICATES 1 HR FIRE RATED WALL

INDICATES 20 MIN FIRE RATED WALL

AIR MOBILITY COMMAND

Little Rock A.F.B
Arkansas

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www.lockeby.com

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LOCKEBY & ASSOCIATES, INC.
No. C256
ARKANSAS ARCHITECT

CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
LIFE SAFETY PLAN

DRAWN BY: KGK	LEAD DESIGNER: KGK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	LS101
DATE: 30 October 2025	
SCALE: As indicated	3 of 108

REVISION ONLY
NOT FOR CONSTRUCTION

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FOR INFORMATION ONLY

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

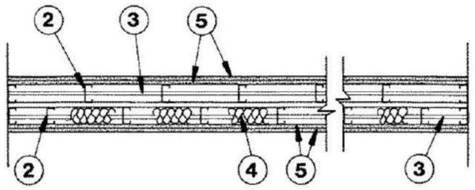
See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U493

October 29, 2024

Nonbearing Wall Rating — 1 or 2 Hr. (See Items 5, 5A, 5B)
*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



HORIZONTAL SECTION

2. **Steel Studs —** (For use with Item 5 and 5A) — Channel shaped, supplied with cutouts, friction-fitted into floor and ceiling runners and spaced a max 24 in. OC. Studs cut 1/2 in. less than assembly height and evenly staggered between the two rows of floor and ceiling runners. Studs fabricated from min No. 25 MSG galv steel, min 2-1/2 in. deep by 1-1/4 in. wide with 3/16 in. folded back return flange legs.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

OLMAR SUPPLY INC — PRIMESTUD

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20

UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

3. **Lateral Bracing —** The bracing shall be in accordance with the SSMA Technical Note Dated March 2000 Referencing Unsheathed Flange Bracing.

4. **Batts and Blankets —** Optional — Glass fiber batts may be friction-fitted to completely fill the stud cavities on one or both rows of studs.
See **Batts and Blankets** Category (BZJZ) for names of manufacturers.

5. **Gypsum Board* —** Nom 5/8 in. thick, 4 ft. wide, gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Single layer installed on each side of the steel studs for the 1-hr system, two layers installed on each side of the studs for the 2-hr system. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (2-hr system) staggered one stud cavity. Horizontal edge joints and horizontal butt joints need not be backed by framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (2-hr system) staggered a minimum of 6 in. Horizontal edge joints and horizontal butt joints in adjacent layers (2-hr system) need not be staggered with Type ULIX. For the single layer system: panels attached to steel studs and floor runner with 1 in. long Type S steel screws spaced 8 in. OC when applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when applied vertically. For the single layer system with ULIX, panels attached to steel studs and floor runners with 1 in. long Type S screws spaced 12 in. OC when applied vertically or horizontally. Horizontal joints need not be staggered on opposite sides of studs. For the double layer system: base layer panels attached to steel studs and floor runner with 1 in. long Type S steel screws spaced 16 in., face layer panels attached to steel studs and floor runner with 1-5/8 in. long Type S steel screws spaced 12 in. When used in widths other than 48 in., gypsum panels to be installed horizontally.
When **Steel Framing Members*** (Item 7 or any alternate clips) are used: For the 1-hr system, gypsum panels attached vertically to furring channels with 1 in. long Type S-12 screws spaced 12 in. OC. Vertical joints offset min 12 in. from layer on other side of wall. For the 2-hr system, inner layer of gypsum panels attached vertically to furring channels with 1 in. Type S-12 screws spaced 16 in. OC, outer layer with 1-5/8 in. Type S-12 screws spaced 12 in. OC. Inner layer to be applied vertically. Outer layer to be applied vertically with joints offset a minimum 12 in. from inner layer joints.

CGC INC — Type SCX, SHX, IP-X1, WRX, AR, IP-AR, C, WRC, IP-X2, IPC-AR, ULIX, USGX (Joint tape and compound, Item 6, optional for use with Type USGX)

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Types C and SCX

UNITED STATES GYPSUM CO — Type AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, USGX, WRX, WRC (Joint tape and compound, Item 6, optional for use with Type USGX)

USG BORAL DRYWALL SFZ LLC — Types C, SCX, SGX, USGX (Joint tape and compound, Item 6, optional for use with Type USGX)

USG MEXICO S A DE C V — Type SCX, SHX, IP-X1, WRX, AR, IP-AR, C, WRC, IP-X2, or IPC-AR, USGX (Joint tape and compound, Item 6, optional for use with Type USGX)

1 UL# U493 1 HOUR FIRE RATED WALL
12" = 1'-0"

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

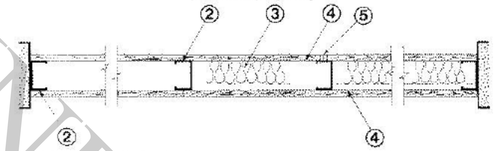
See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U465

August 8, 2025

Nonbearing Wall Rating — 1 HR.
*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Floor and Ceiling Runners —** (Not Shown) — Channel shaped runners, 3-5/8 in. deep (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

2. **Steel Studs —** Channel shaped, 3-5/8 in. deep (min), formed from min No. 25 MSG galv steel spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height.

2A. **Framing Members* — Steel Studs —** As an alternate to Item 2 — Channel shaped studs, min 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20

UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

3. **Batts and Blankets* —** (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity.
See **Batts and Blankets** (BZJZ) category for names of Classified companies.

CERTAINTEED LLC

ROCKWOOL — Type AFB, min. density 1.69 pcf / 27.0 kg/m³

ROCKWOOL MALAYSIA SDN BHD — Type Acoustical Fire Batts

4. **Gypsum Board* —** 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When Steel Framing Members* (Item 6 or any alternate clips) are used, gypsum board is screw attached to furring channels with 1 in. long, Type S steel screws spaced 12 in. OC.

AMERICAN GYPSUM CO — Types AG-C, AGX-1, M-Glass, LightRoc

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CABOT MANUFACTURING ULC — Type X, 5/8 Type X Type Blueglass Exterior Sheathing, 5/8 in. Type C.

CGC INC — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, USGX, WRC or WRX (Joint tape and compound, Item 5, optional for use with Type USGX)

CERTAINTEED GYPSUM INC — Types EGRG, GlasRoc, Type X-1, Type C, 5/8" Easi-Lite Type X, Easi-Lite Type X-2, Type LWTX

CERTAINTEED GYPSUM INC — Types LGFC2A, LGFC6A, LGFC-C/A, LGFC-WD, LGLLX

GEORGIA-PACIFIC GYPSUM L L C — Types 5, 6, 9, C, DAP, DD, DA, DAPC, DGG, DS, GPFS6, LS, Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, TG-C, GreenGlass Type X, Type X ComfortGuard Sound Deadening Gypsum Board, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing Type-DGLW, Soffit-Type DGLW, Type LW2X, Veneer Plaster Base - Type LW2X, Water Rated - Type LW2X, Sheathing - Type LW2X, Soffit - Type LW2X, Type DGL2W, Water Rated - Type DGL2W, Sheathing - Type DGL2W

NATIONAL GYPSUM CO — Types eXP-C, FSK, FSK-C, FSK-G, FSMR-C, FSW-C, FSW-G, FSW, FSW-3, FSW-5, FSW-6, FSW-8, FSL, RSX.

NATIONAL GYPSUM CO — Riyadh, Saudi Arabia — Type FR, or WR

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types PG-C, PG-9, PG-11, PGS-WRS, PGI

PANEL REY S A — Types GREX, GRIX, PRC, PRC2, PRX, RHX, MDX, ETX, PRX2

SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop MZTECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop MZTECH ACTIV'Air, Gyproc DuraLine, Gyproc DuraLine MR, Gyproc DuraLine MZTECH, Gyproc DuraLine ACTIV'Air, Gyproc DuraLine MR ACTIV'Air, Gyproc DuraLine MZTECH ACTIV'Air

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type X and Type C, MZTech Type C

UNITED STATES GYPSUM CO — Type AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, USGX, WRC, WRX, (Joint tape and compound, Item 5, optional for use with Type USGX)

USG BORAL DRYWALL SFZ LLC — Types C, SCX, USGX (Joint tape and compound, Item 5, optional for use with Type USGX)

USG MEXICO S A DE C V — Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, USGX, WRC or WRX (Joint tape and compound, Item 5, optional for use with Type USGX)

5. **Joint Tape and Compound —** Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.

2 UL# U 465 1 HOUR FIRE RATED
12" = 1'-0"

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

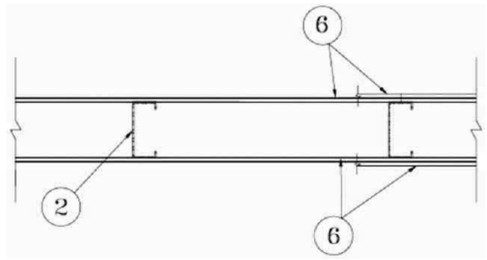
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. W411

March 15, 2024

Nonbearing Wall Ratings — 1/2 or 1 Hr. (See Items 1, 1A, 2, 2A and 6)
Bearing Wall Rating — 1/2 Hr. (See Items 3 and 6)
Finish Rating — (See Item 3)
Loaded Per 2005 NDS Supplement, ASD Method, Wall Braced by Sheathing, 100% of Design Load Applied to Wall.
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



2. **Steel Studs —** (For the 1/2 or 1 Hour Nonbearing Wall Ratings) — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min. 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C — ProSTUD

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™, Viper25™

IMPERIAL MANUFACTURING GROUP INC — Viper20™, Viper25™

MBA METAL FRAMING — ProSTUD

RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

4. **Batts and Blankets* —** (Optional, Not Shown) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

6. **Gypsum Board* —** 5/8 in. thick paper surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers need not be staggered.
1/2 Hour Bearing Rating On Wood Studs — Single layer secured with 1-5/8 in. long Type S steel screws spaced 12 in. OC at the perimeter and in the field.

1/2 Hour Nonbearing Rating On Steel Studs — Single layer secured with 1 in. long Type S steel screws spaced 8 in. OC at the perimeter and 8 in. OC in the field.

3 UL# U411 20 MIN FIRE RATED WALL
12" = 1'-0"

Air Mobility Command

Little Rock A.F.B
Arkansas

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CIVIL ENGINEER:	CIVIL ENGINEER:
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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

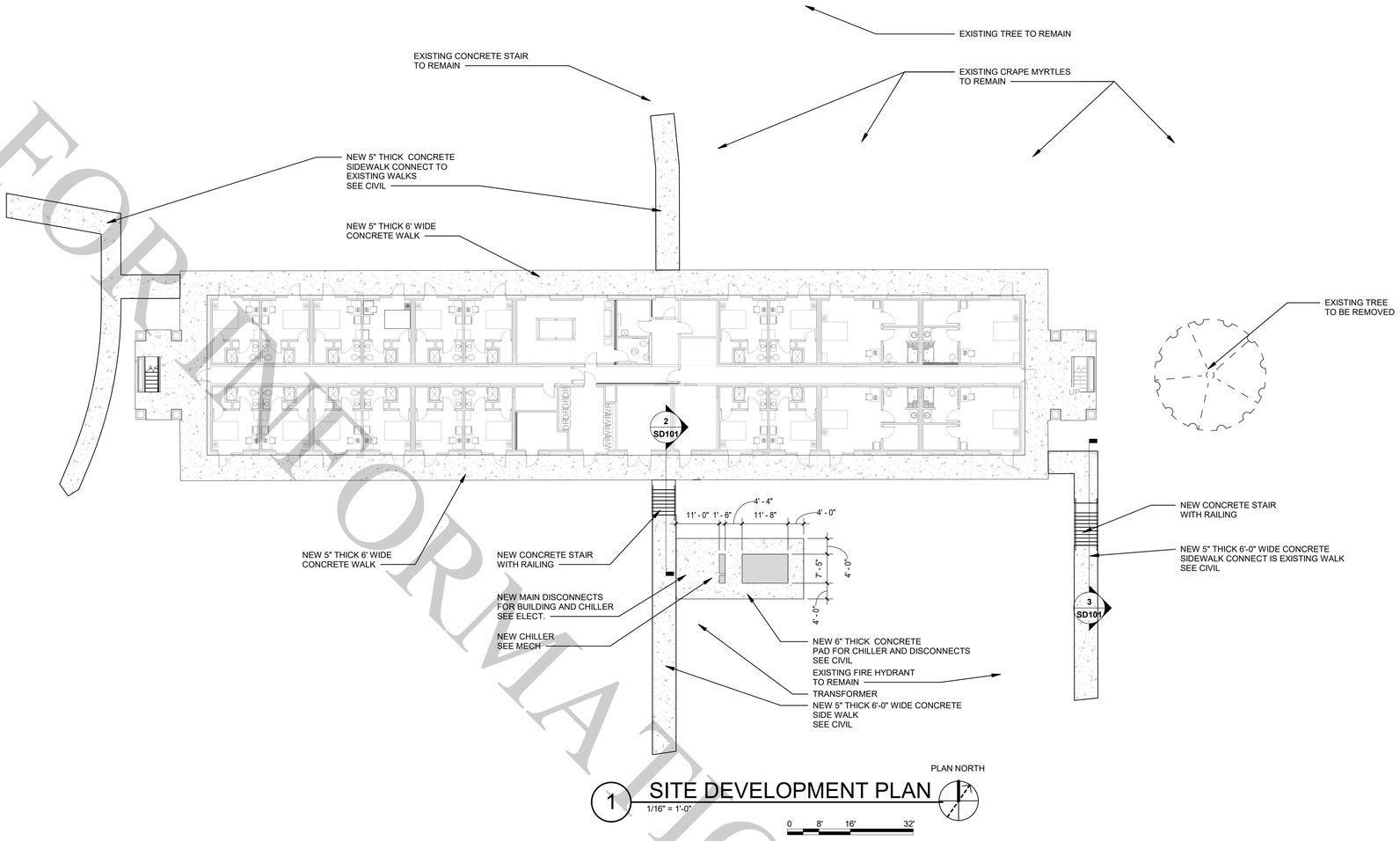
MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
LIFE SAFETY PLAN

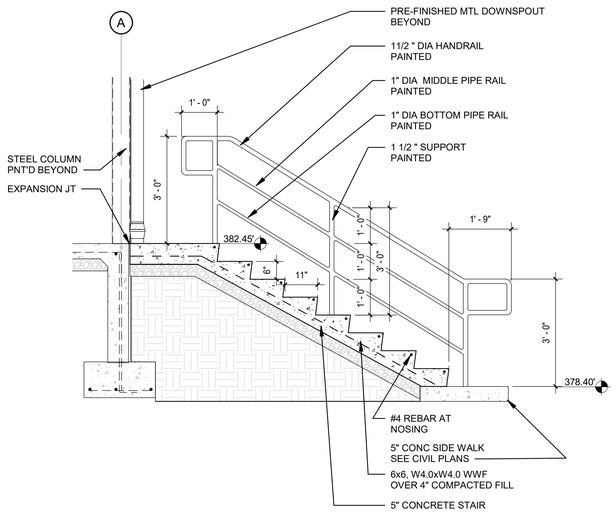
DRAWN BY: KGK	LEAD DESIGNER: KGK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	LS102
DATE: 30 October 2025	
SCALE: 12" = 1'-0"	4 of 108

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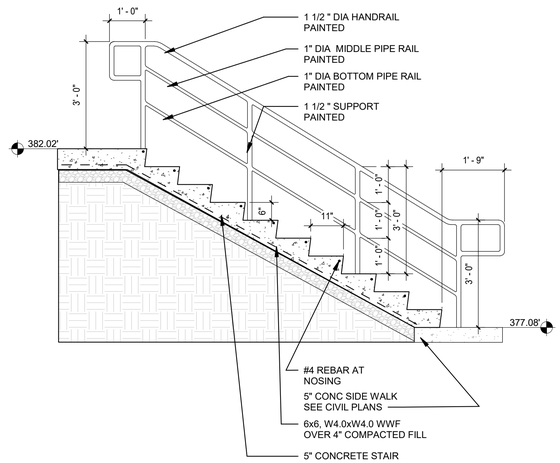
1 SITE DEVELOPMENT PLAN
1/16" = 1'-0"

0 8' 16' 32'



2 SECTION AT EXTERIOR STAIR 1
1/2" = 1'-0"

0 1' 2' 4'



3 SECTION AT EXTERIOR STAIR 2
1/2" = 1'-0"

0 1' 2' 4'

FOR INFORMATION ONLY

AIR MOBILITY COMMAND
Little Rock A.F.B
Arkansas

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10623 Maumelle Blvd
North Little Rock, AR 72113
501.225.6699
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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
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PROGRAM MANAGER:	USING AGENCY:

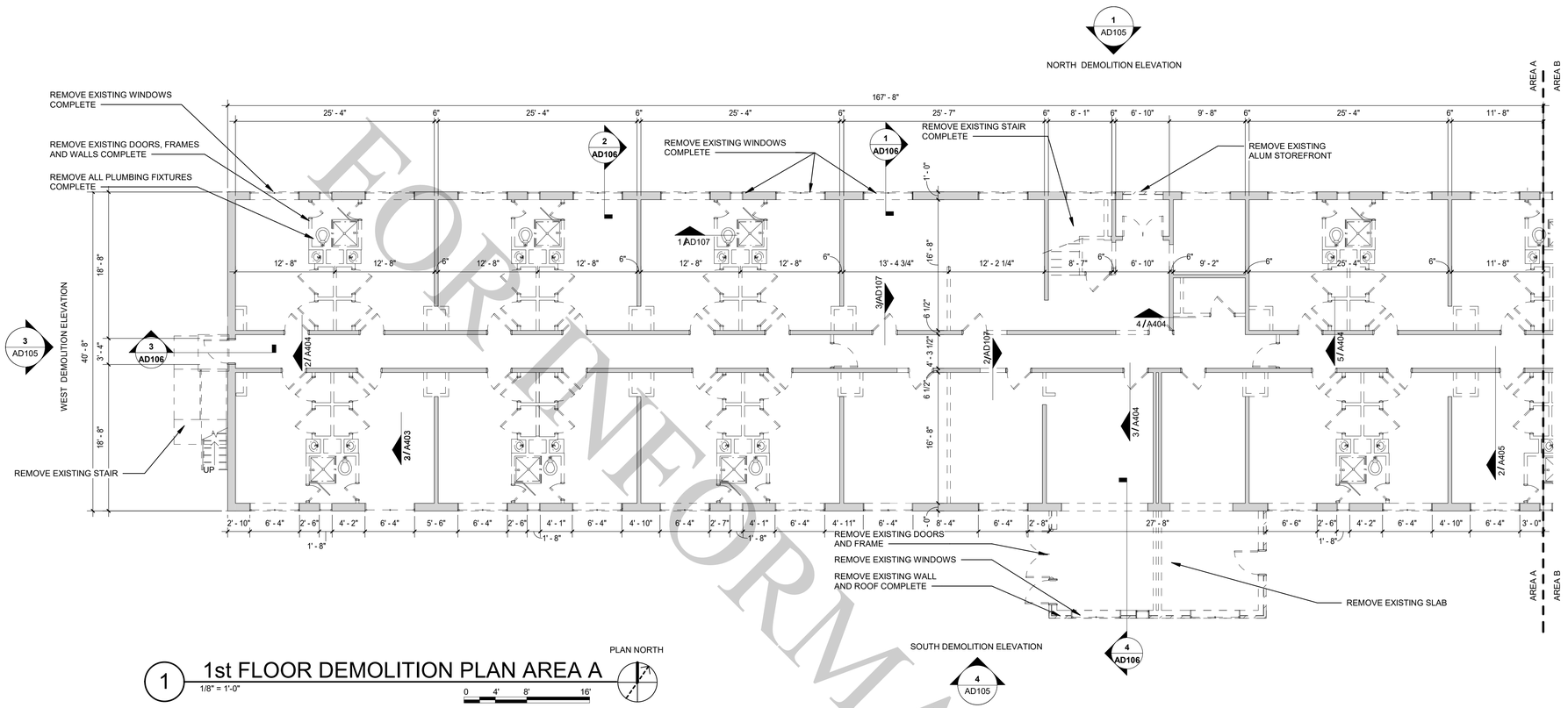
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
SITE DEVELOPMENT PLAN

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	SD101
DATE: 30 October 2025	
SCALE: As indicated	5 of 108

10/29/2025 4:36:57 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt

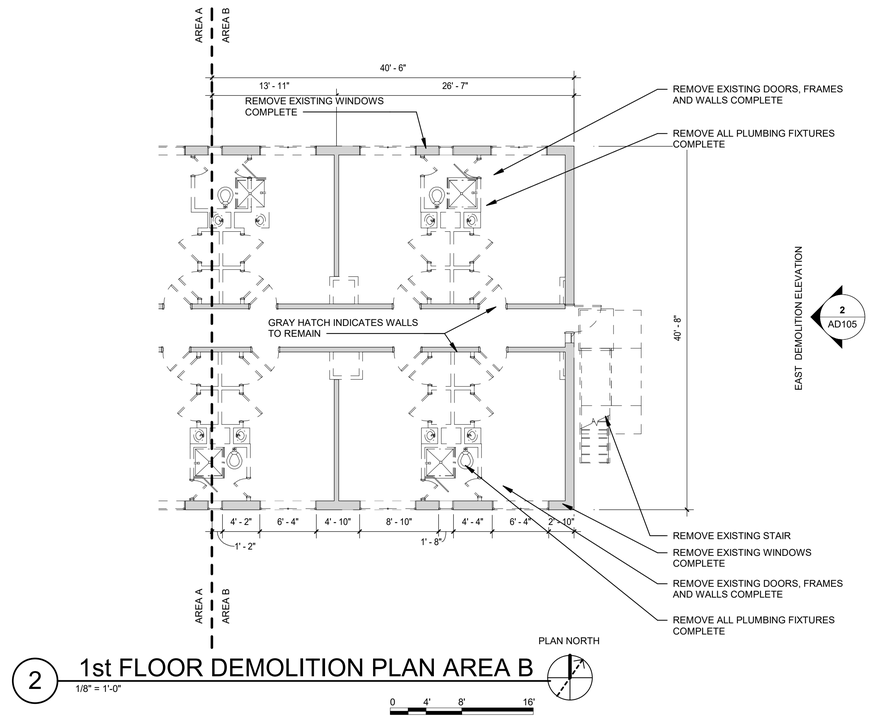


1 1st FLOOR DEMOLITION PLAN AREA A

1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'



2 1st FLOOR DEMOLITION PLAN AREA B

1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

DEMOLITION NOTES:

1. CONTRACTOR TO VISIT THE SITE PRIOR TO THE START OF DEMOLITION AND REVIEW THE ENTIRE SCOPE OF WORK. NOTIFY ARCHITECT AND ENGINEERS OF ANY DISCREPANCIES AND AWAIT CLARIFICATION BEFORE PROCEEDING.
2. ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, GRILLES, HARDWARE AND ACCESSORIES TO BE REMOVED IN THEIR ENTIRETY. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. ALL EXISTING ELECTRICAL FIXTURES, WIRING, RACEWAYS, CONDUIT, HARDWARE AND ACCESSORIES TO BE REMOVED BACK TO SOURCE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. ALL EXISTING PLUMBING & SANITARY FIXTURES TO BE REMOVED IN THEIR ENTIRETY.
5. ALL EXISTING CEILINGS AND LIGHTING TO BE REMOVED IN THEIR ENTIRETY.
6. ALL EXISTING FLOOR FINISHES, SETTING BEDS, HARDWARE AND ACCESSORIES TO BE REMOVED IN THEIR ENTIRETY.
7. WHERE WALLS ARE SHOWN TO BE REMOVED THE CONTRACTOR SHALL REMOVE ALL PLUMBING AND ELECTRICAL LINES AND CAP FOR FUTURE USE/EXTENSION WHERE REQUIRED. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
8. WHERE EXISTING STRUCTURAL ELEMENTS ARE SHOWN TO BE REMOVED OR MODIFIED CONTRACTOR SHALL FIRST EXPOSE THE AREA AND NOTIFY ARCHITECT AND ENGINEER. ARCHITECT AND ENGINEER TO INSPECT AREA AND PROVIDE DETAIL PRIOR TO PROCEEDING WITH THE WORK.
9. CONTRACTOR TO COORDINATE REMOVAL AND/OR RELOCATION OF ALL PLUMBING ELECTRICAL AND MECHANICAL COMPONENTS WITH APPROPRIATE LICENSED TRADES AND AUTHORITIES HAVING JURISDICTION.

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

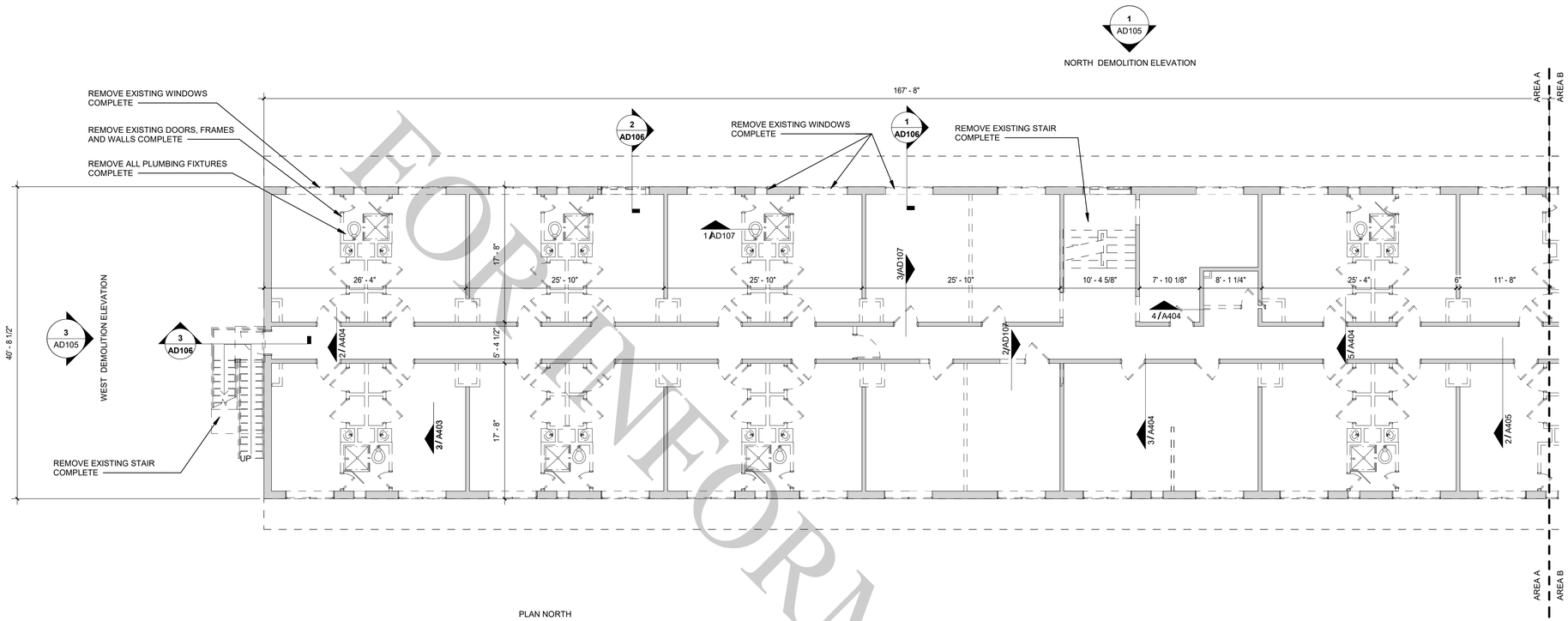
MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FIRST FLOOR DEMOLITION PLAN

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	AD101
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	6 of 108

10/29/2025 4:36:58 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



1 2nd FLOOR DEMOLITION PLAN AREA A

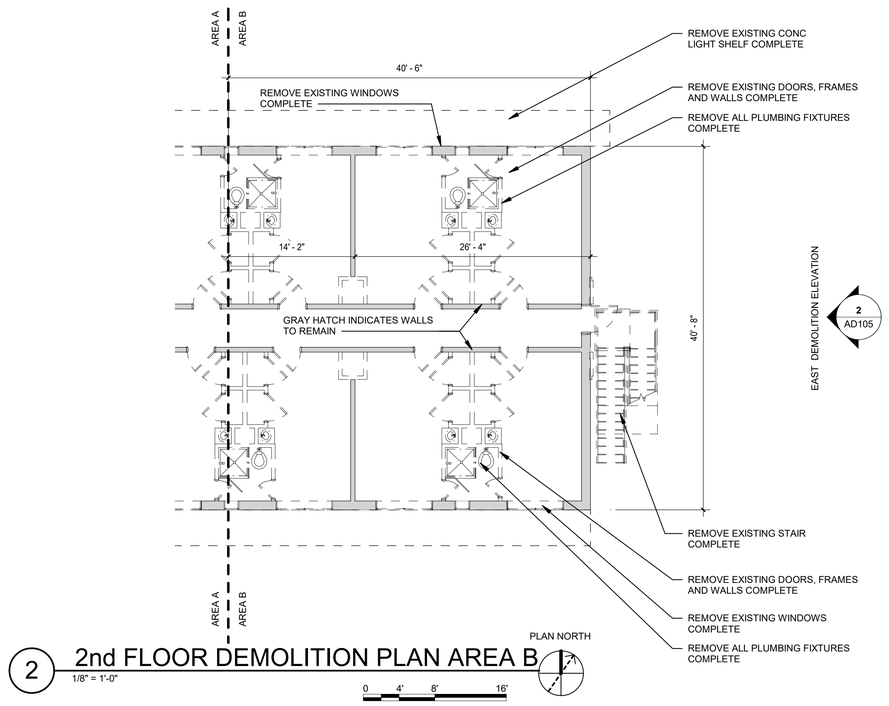
1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

SOUTH DEMOLITION ELEVATION

4 AD105



2 2nd FLOOR DEMOLITION PLAN AREA B

1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

DEMOLITION NOTES:

1. CONTRACTOR TO VISIT THE SITE PRIOR TO THE START OF DEMOLITION AND REVIEW THE ENTIRE SCOPE OF WORK. NOTIFY ARCHITECT AND ENGINEERS OF ANY DISCREPANCIES AND AWAIT CLARIFICATION BEFORE PROCEEDING.
2. ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, GRILLES, HARDWARE AND ACCESSORIES TO BE REMOVED IN THEIR ENTIRETY. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. ALL EXISTING ELECTRICAL FIXTURES, WIRING, RACEWAYS, CONDUIT, HARDWARE AND ACCESSORIES TO BE REMOVED BACK TO SOURCE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. ALL EXISTING PLUMBING & SANITARY FIXTURES TO BE REMOVED IN THEIR ENTIRETY.
5. ALL EXISTING CEILINGS AND LIGHTING TO BE REMOVED IN THEIR ENTIRETY.
6. ALL EXISTING FLOOR FINISHES, SETTING BEDS, HARDWARE AND ACCESSORIES TO BE REMOVED IN THEIR ENTIRETY.
7. WHERE WALLS ARE SHOWN TO BE REMOVED THE CONTRACTOR SHALL REMOVE ALL PLUMBING AND ELECTRICAL LINES AND CAP FOR FUTURE USE/EXTENSION WHERE REQUIRED. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
8. WHERE EXISTING STRUCTURAL ELEMENTS ARE SHOWN TO BE REMOVED OR MODIFIED CONTRACTOR SHALL FIRST EXPOSE THE AREA AND NOTIFY ARCHITECT AND ENGINEER. ARCHITECT AND ENGINEER TO INSPECT AREA AND PROVIDE DETAIL PRIOR TO PROCEEDING WITH THE WORK.
9. CONTRACTOR TO COORDINATE REMOVAL AND/OR RELOCATION OF ALL PLUMBING ELECTRICAL AND MECHANICAL COMPONENTS WITH APPROPRIATE LICENSED TRADES AND AUTHORITIES HAVING JURISDICTION.

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AIR MOBILITY COMMAND

Little Rock A.F.B
Arkansas

ALESSI KEYES CONSTRUCTION
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ARKANSAS ARCHITECT

CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

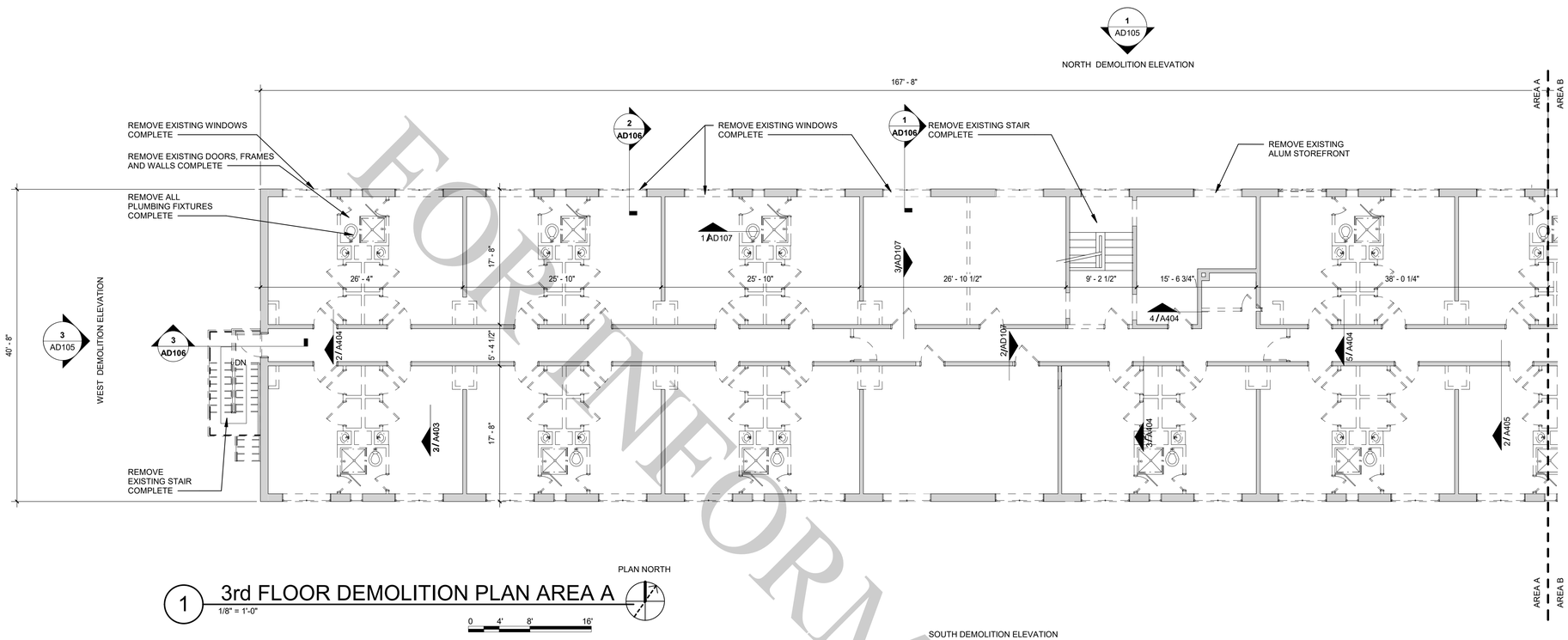
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
SECOND FLOOR DEMOLITION PLAN

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	AD102
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	7 of 108

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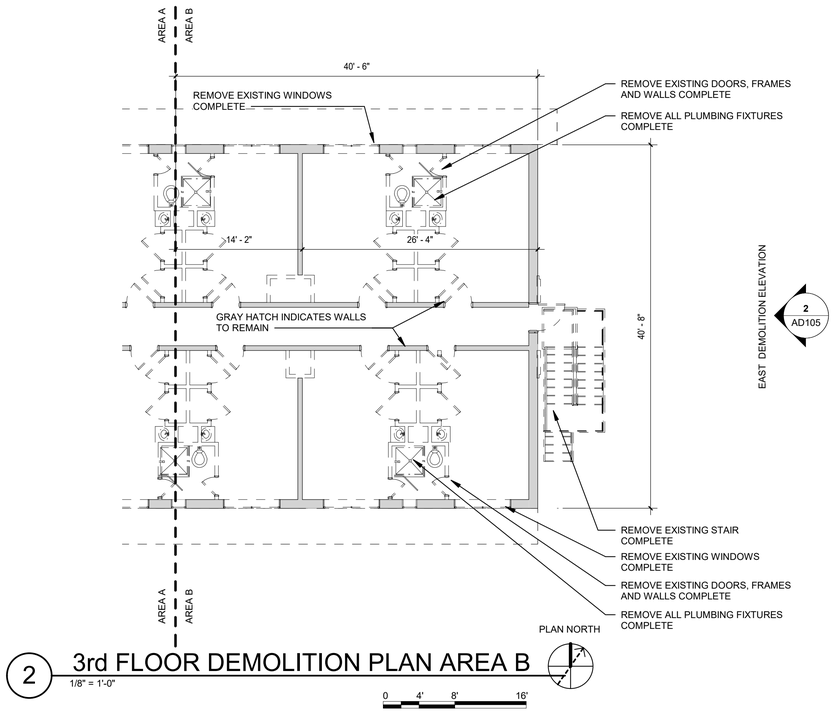
1 3rd FLOOR DEMOLITION PLAN AREA A

1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

4 AD105
SOUTH DEMOLITION ELEVATION



2 3rd FLOOR DEMOLITION PLAN AREA B

1/8" = 1'-0"

0 4' 8' 16'

DEMOLITION NOTES:

1. CONTRACTOR TO VISIT THE SITE PRIOR TO THE START OF DEMOLITION AND REVIEW THE ENTIRE SCOPE OF WORK. NOTIFY ARCHITECT AND ENGINEERS OF ANY DISCREPANCIES AND AWAIT CLARIFICATION BEFORE PROCEEDING.
2. ALL EXISTING MECHANICAL EQUIPMENT, DUCTWORK, GRILLES, HARDWARE AND ACCESSORIES TO BE REMOVED IN THEIR ENTIRETY. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. ALL EXISTING ELECTRICAL FIXTURES, WIRING, RACEWAYS, CONDUIT, HARDWARE AND ACCESSORIES TO BE REMOVED BACK TO SOURCE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. ALL EXISTING PLUMBING & SANITARY FIXTURES TO BE REMOVED IN THEIR ENTIRETY.
5. ALL EXISTING CEILINGS AND LIGHTING TO BE REMOVED IN THEIR ENTIRETY.
6. ALL EXISTING FLOOR FINISHES, SETTING BEDS, HARDWARE AND ACCESSORIES TO BE REMOVED IN THEIR ENTIRETY.
7. WHERE WALLS ARE SHOWN TO BE REMOVED THE CONTRACTOR SHALL REMOVE ALL PLUMBING AND ELECTRICAL LINES AND CAP FOR FUTURE USE/EXTENSION WHERE REQUIRED. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
8. WHERE EXISTING STRUCTURAL ELEMENTS ARE SHOWN TO BE REMOVED OR MODIFIED CONTRACTOR SHALL FIRST EXPOSE THE AREA AND NOTIFY ARCHITECT AND ENGINEER. ARCHITECT AND ENGINEER TO INSPECT AREA AND PROVIDE DETAIL PRIOR TO PROCEEDING WITH THE WORK.
9. CONTRACTOR TO COORDINATE REMOVAL AND/OR RELOCATION OF ALL PLUMBING ELECTRICAL AND MECHANICAL COMPONENTS WITH APPROPRIATE LICENSED TRADES AND AUTHORITIES HAVING JURISDICTION.

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

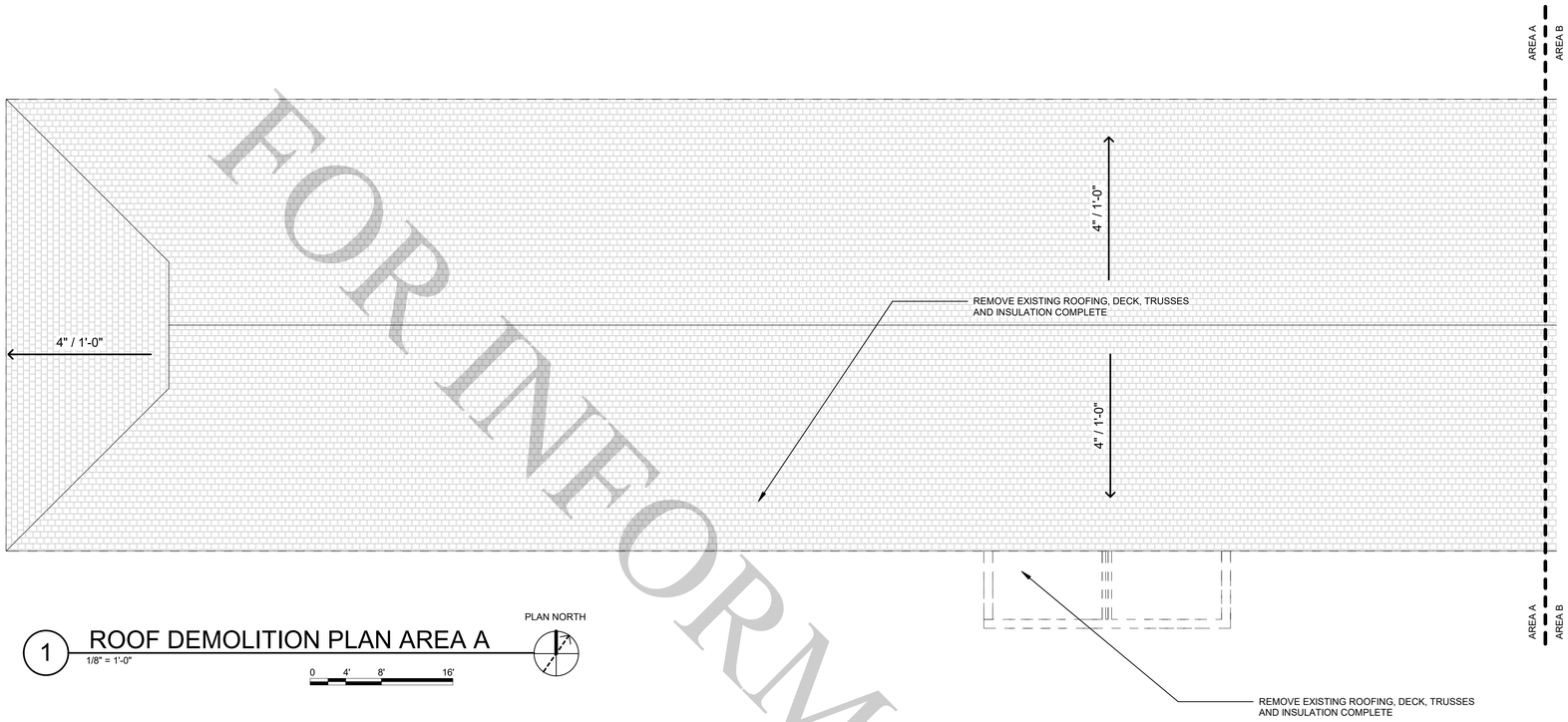
MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
THIRD FLOOR DEMOLITION PLAN

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	AD103
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	8 of 108

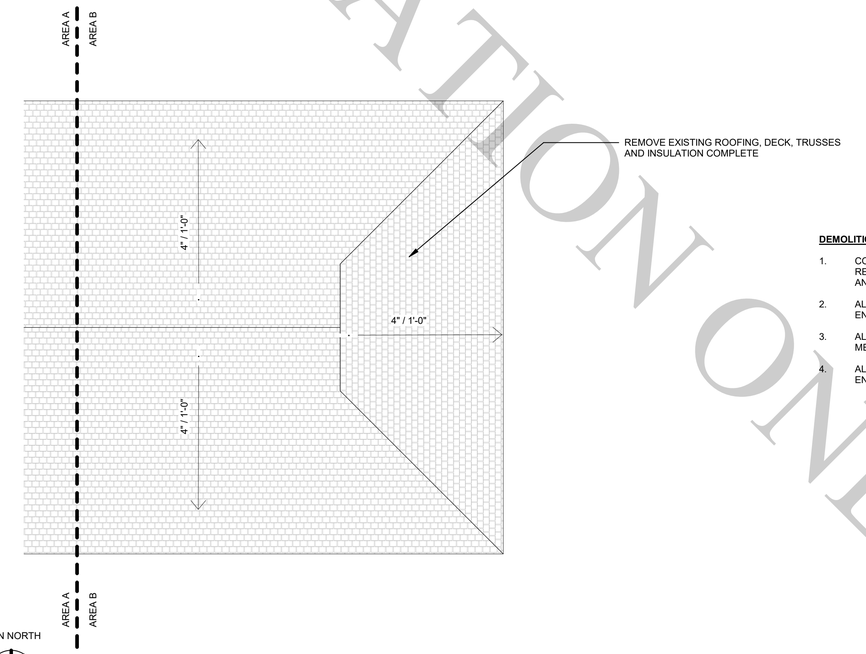
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1 ROOF DEMOLITION PLAN AREA A
1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'



2 ROOF DEMOLITION PLAN AREA B
1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

DEMOLITION NOTES:

1. CONTRACTOR TO VISIT THE SITE PRIOR TO THE START OF DEMOLITION AND REVIEW THE ENTIRE SCOPE OF WORK. NOTIFY ARCHITECT AND ENGINEERS OF ANY DISCREPANCIES AND AWAIT CLARIFICATION BEFORE PROCEEDING.
2. ALL EXISTING MECHANICAL EQUIPMENT, ON ROOF TO BE REMOVED IN THEIR ENTIRETY. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. ALL ROOFING MATERIAL TO BE DISPOSED IN APPROPRIATE "MEANS AND METHODS REQUIRED BY LRAFB AND EPA
4. ALL EXISTING PLUMBING & SANITARY FIXTURES TO BE REMOVED IN THEIR ENTIRETY TO ROOF.

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AIR MOBILITY COMMAND

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

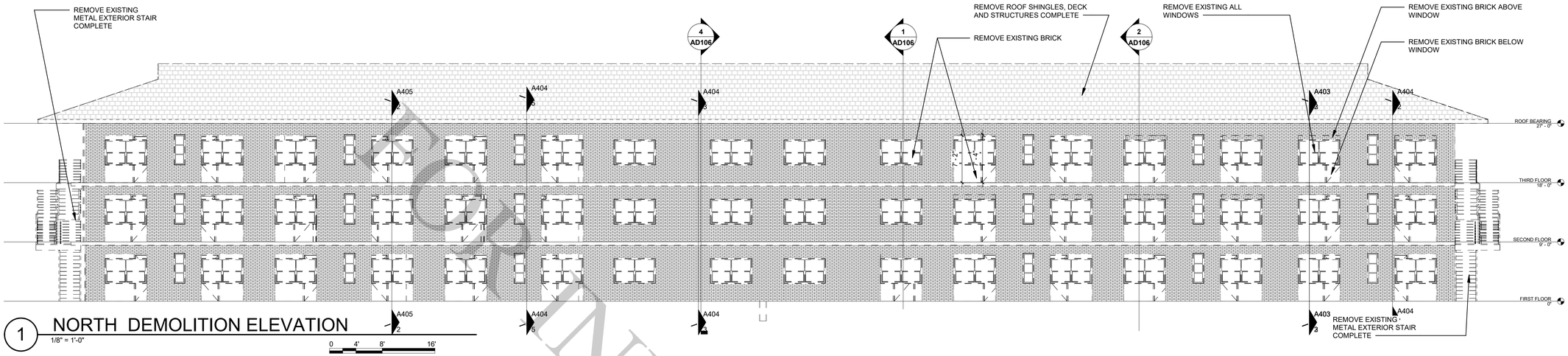
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

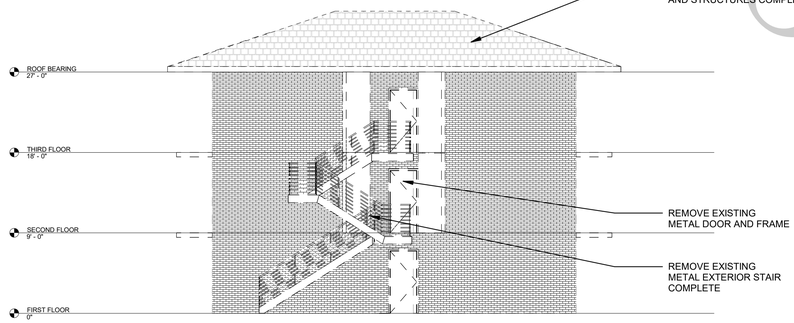
SHEET TITLE:
ROOF DEMOLITION PLAN

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	AD104
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	9 of 108

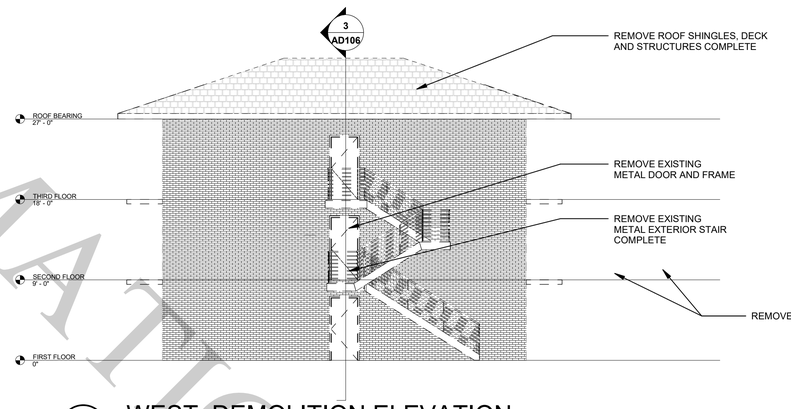
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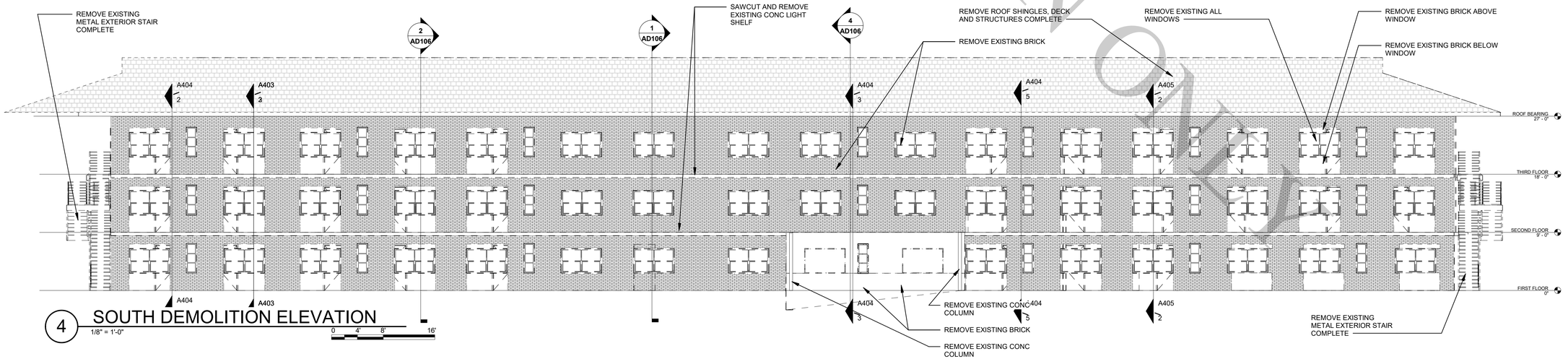
1 NORTH DEMOLITION ELEVATION
1/8" = 1'-0"
0 4' 8' 16'



2 EAST DEMOLITION ELEVATION
1/8" = 1'-0"
0 4' 8' 16'



3 WEST DEMOLITION ELEVATION
1/8" = 1'-0"
0 4' 8' 16'



4 SOUTH DEMOLITION ELEVATION
1/8" = 1'-0"
0 4' 8' 16'

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

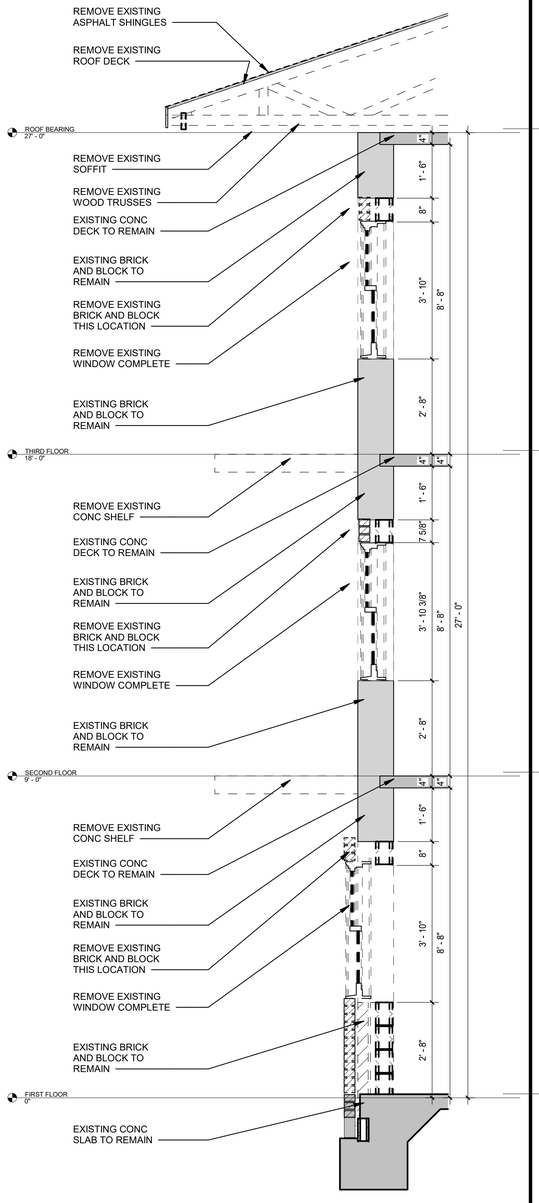
PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
DEMOLITION ELEVATIONS

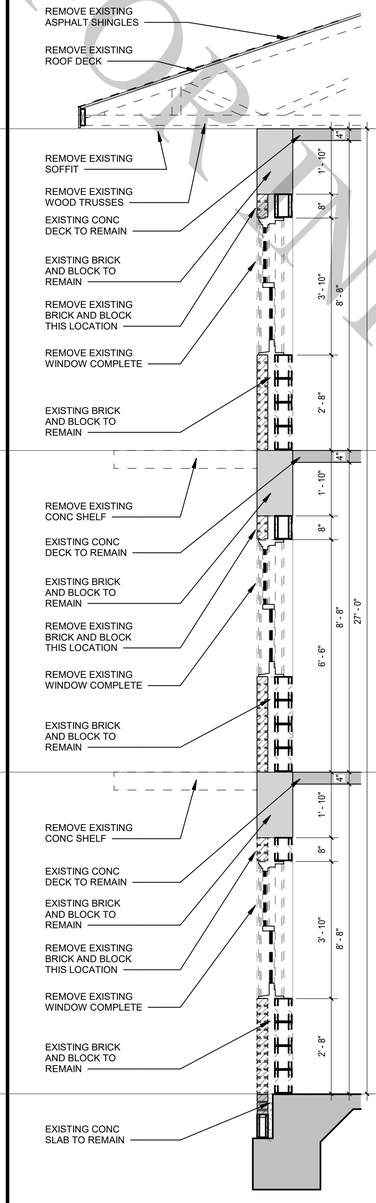
DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	AD105
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	10 of 108

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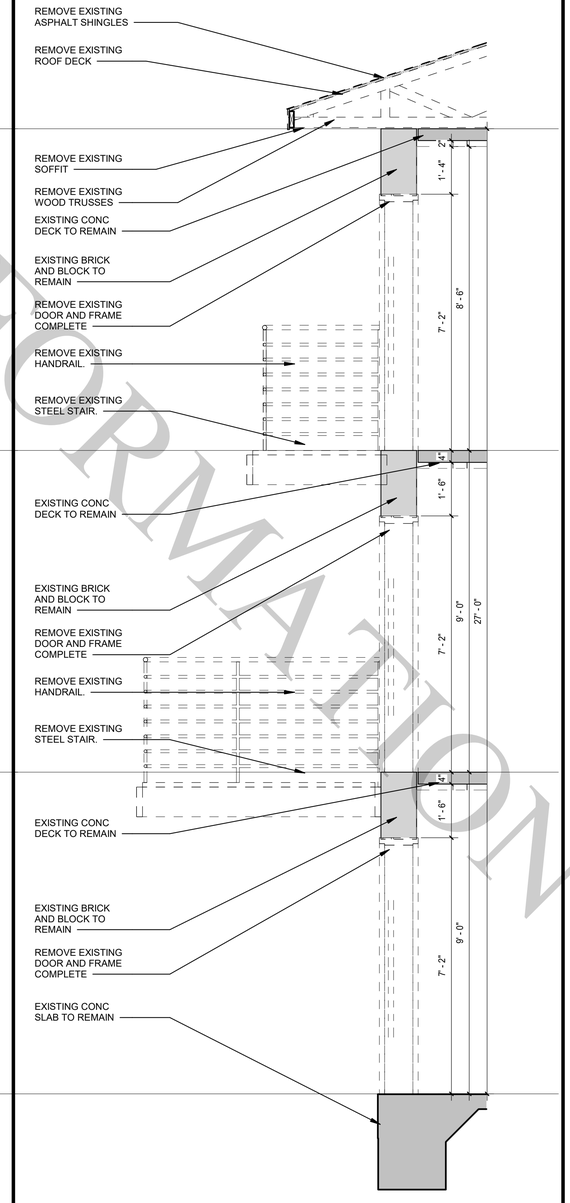
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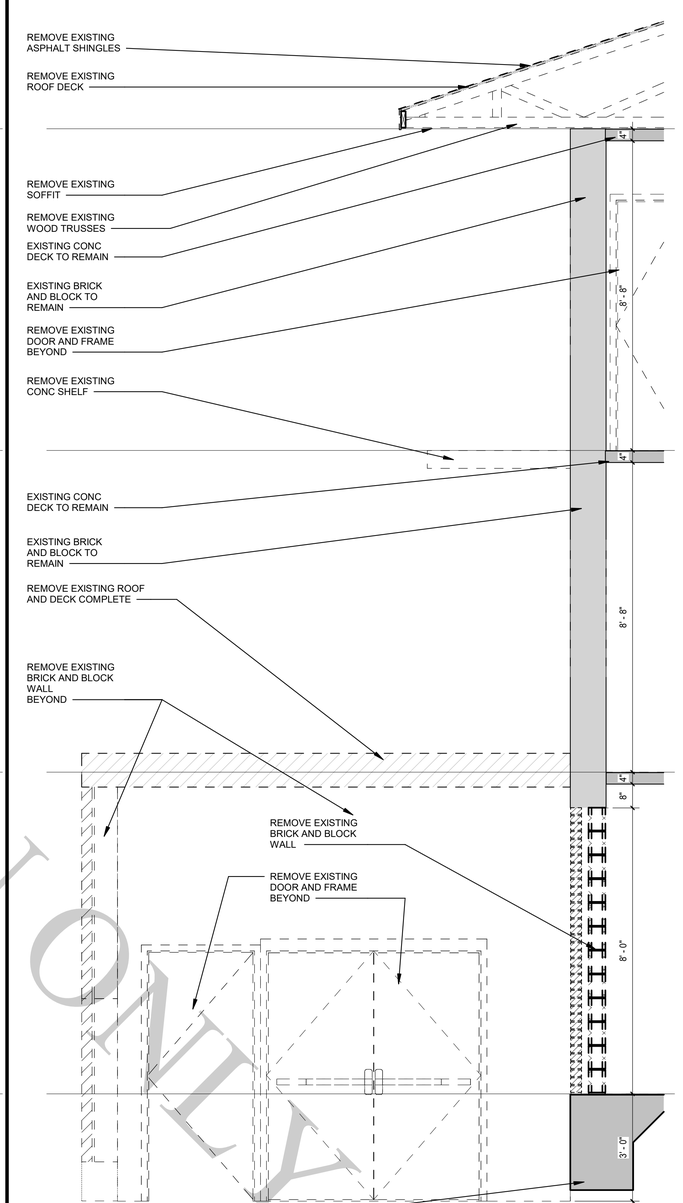
1 DEMO WALL SECTION 1
1/2" = 1'-0"
0 1' 2' 4'



2 DEMO WALL SECTION 2
1/2" = 1'-0"
0 1' 2' 4'



3 DEMO WALL SECTION 3
1/2" = 1'-0"
0 1' 2' 4'



4 DEMO WALL SECTION 4
1/2" = 1'-0"
0 1' 2' 4'

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

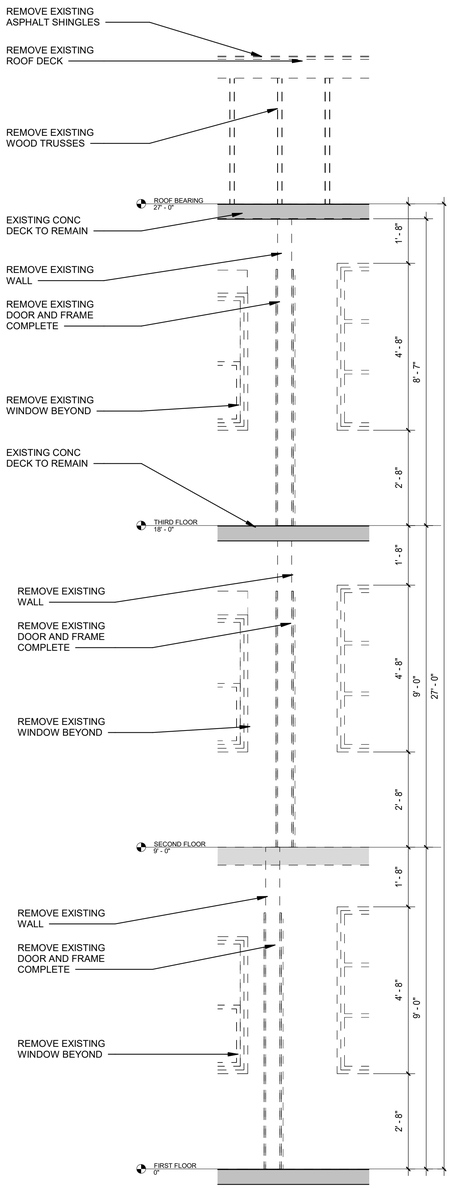
PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
DEMOLITION SECTIONS

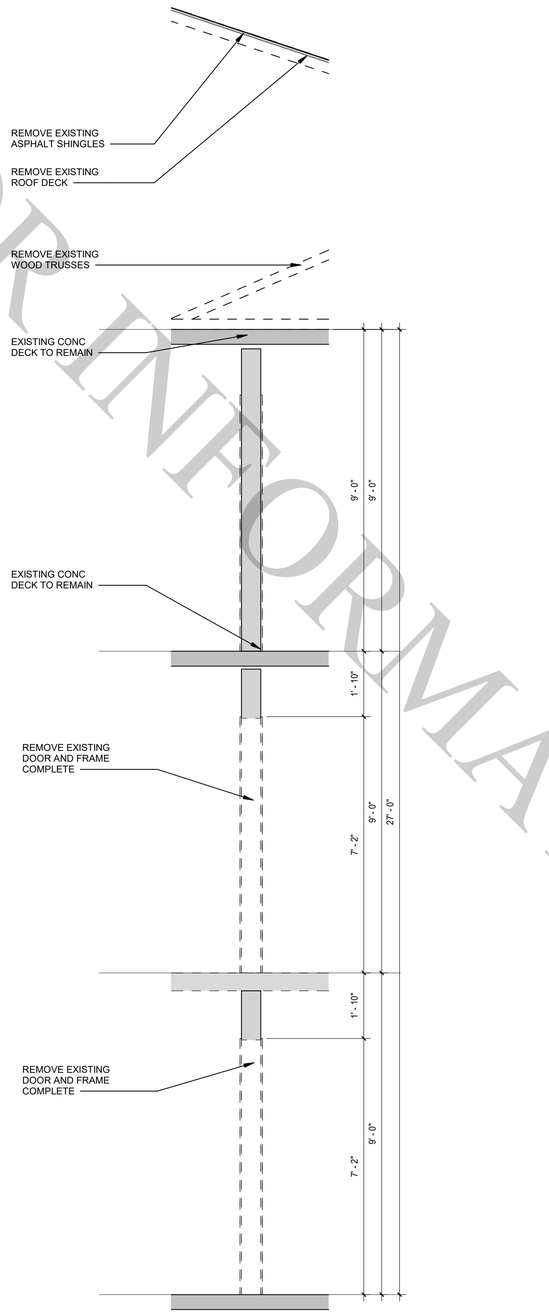
DRAWN BY:	LEAD DESIGNER:
Author	Designer
REVIEWER:	PROJECT NUMBER:
Checker	NKAK 23-1001
BY:	AD106
KGK	
DATE:	11 of 108
30 October 2025	
SCALE:	
1/2" = 1'-0"	

10/29/2025 4:37:03 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt

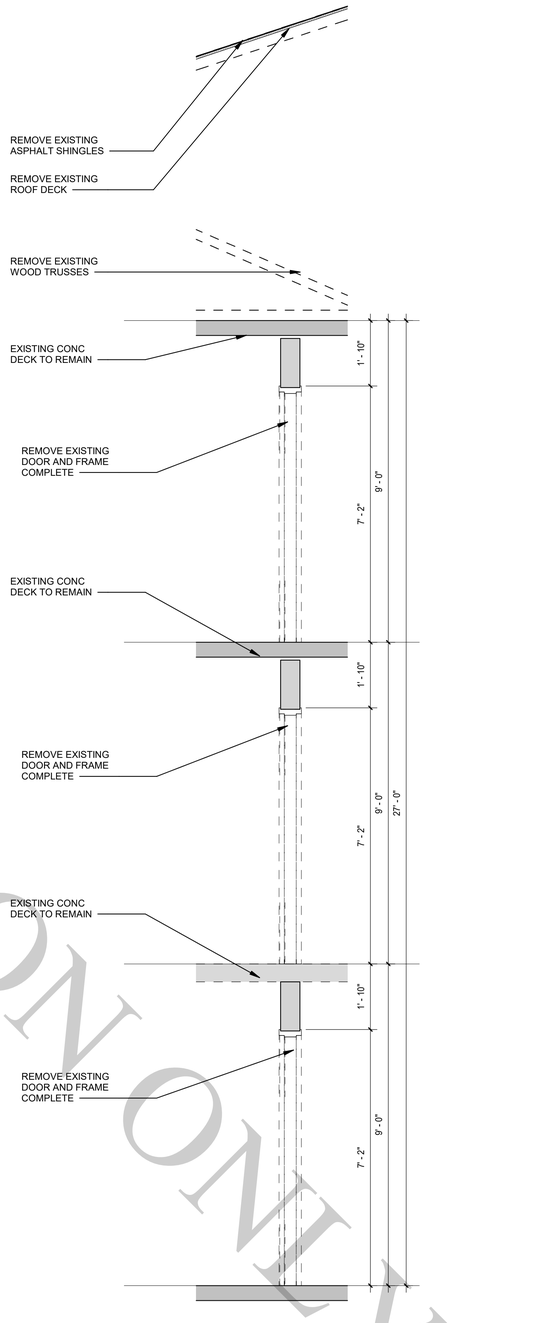
FOR INFORMATION ONLY



1 INTERIOR DEMO PARTITION 1
1/2" = 1'-0"
0 1' 2' 4'



2 INTERIOR DEMO PARTITION 2
1/2" = 1'-0"
0 1' 2' 4'



3 INTERIOR DEMO PARTITION 3
1/2" = 1'-0"
0 1' 2' 4'

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

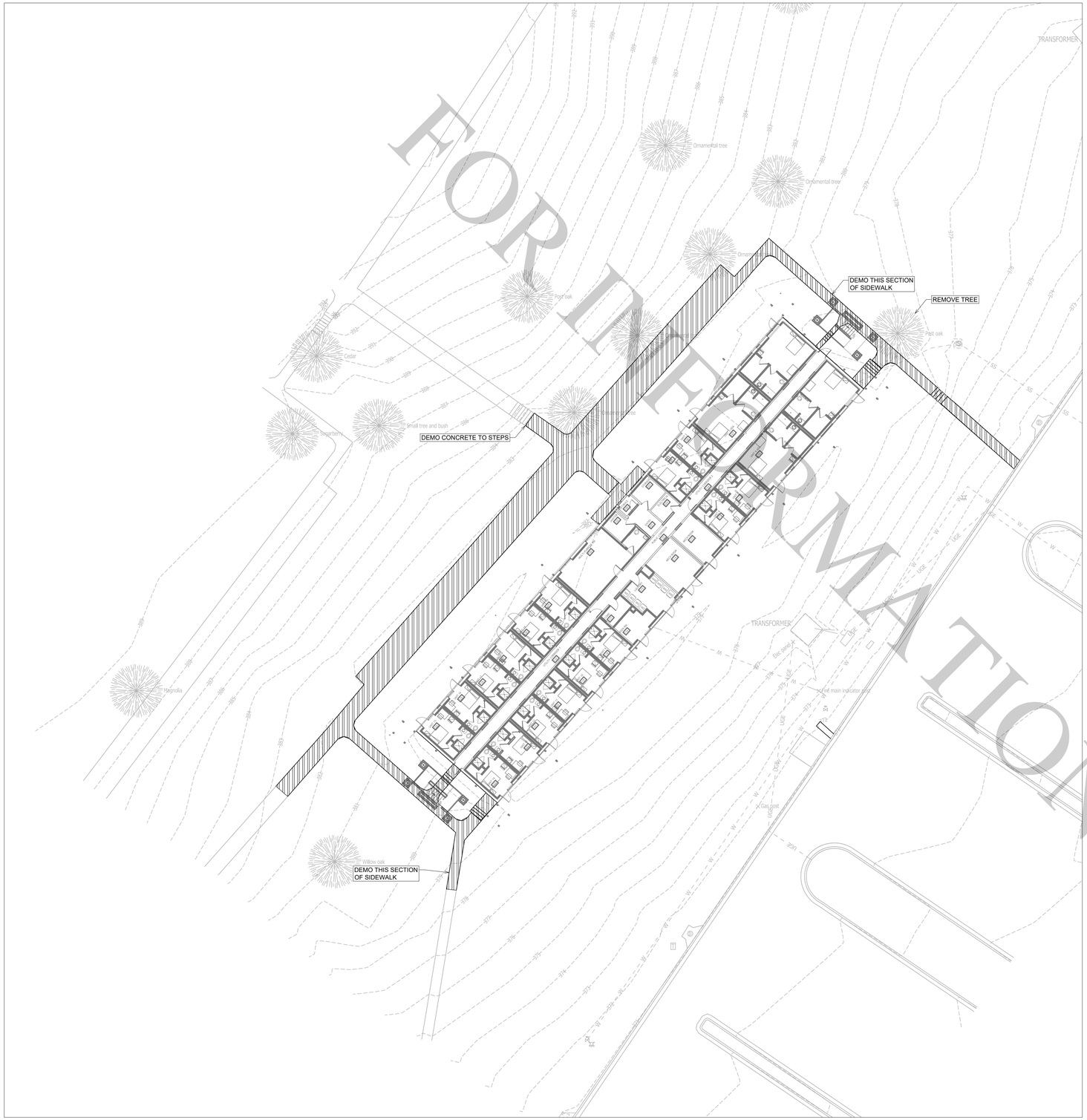
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
DEMOLITION INTERIOR PARTITIONS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	AD107
DATE: 30 October 2025	
SCALE: 1/2" = 1'-0"	12 of 108

X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt
10/29/2025 4:37:03 PM



DEMO PLAN

SCALE 1" = 20'

FOR INFORMATION ONLY

GENERAL CONSTRUCTION NOTES

A. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR DAMAGES OCCURRING TO ANY PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT. SAID CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT PROPERTY DAMAGE.

B. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL SOLELY AND COMPLETELY BE RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS.

C. THE DUTY OF THE LOCAL UTILITY PROVIDER TO CONDUCT CONSTRUCTION INSPECTION REVIEWS OF THE CONTRACTOR'S PERFORMANCE IS NOT AN INSPECTION OR REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.

D. ALL WATER AND SEWER IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST REVISION TO THE LOCAL PROVIDER'S WATER AND WASTEWATER (SANITARY SEWER) STANDARD SPECIFICATIONS.

E. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF ALL UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.

F. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.

G. PRIOR TO INSTALLATION OF ANY UTILITIES, THE CONTRACTOR IS TO EXCAVATE, VERIFY AND CALCULATE ALL CROSSINGS AND INFORM ANY AND ALL UTILITIES OF ANY CONFLICTS PRIOR TO CONSTRUCTION.

H. CONSTRUCTION SHALL NOT START ON ANY WATER UTILITY TIE-INS UNTIL APPROVAL IS GIVEN BY THE LOCAL UTILITY PROVIDER. SAID CONTRACTOR SHALL NOT OPERATE ANY VALVE, HYDRANT, OR WATER UTILITY APPURTENANCE NOR SHALL HE ATTACH TO OR TAP ANY WATER UTILITY MAIN WITHOUT APPROVAL. THE CONTRACTOR SHALL BEAR THE COST AND CONSEQUENCE OF ANY DISRUPTION OF UTILITY OPERATION CAUSED BY CONSTRUCTION.

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J. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "ONECALL" SERVICE TO MARK ALL UTILITIES PRIOR TO ANY DEMOLITION, EARTHWORK, OR UTILITY WORK ON THIS SITE.

PHILLIP LEWIS ENGINEERING, INC. CERTIFICATE OF AUTHORIZATION ARKANSAS ENGINEER No. 566

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 9540 PHILLIP A. LEWIS

N

0 20'

1" = 20'-0"

AIR MOBILITY COMMAND

Little Rock A.F.B
Arkansas

ALESSI KEYES CONSTRUCTION
10623 Maumelle Blvd
North Little Rock, AR 72113
501.225.6699
www.alessikeyes.com

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Structural + Civil Consultants
23620 Interstate 30 | Bryant, Arkansas
PH: 501-350-9840

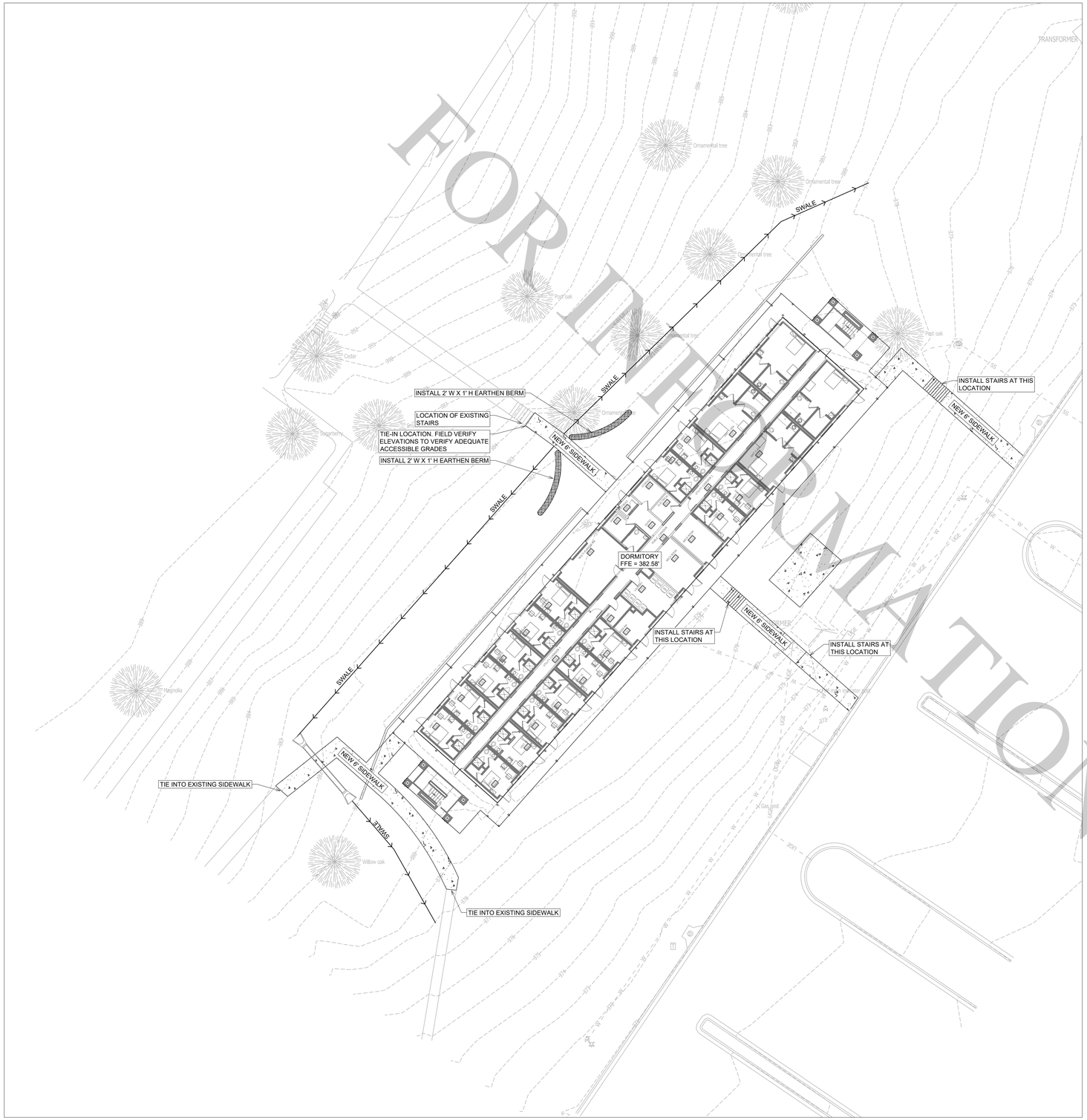
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
DEMO PLAN

DRAWN BY: TF	LEAD DESIGNER: KGK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: PLE	C100
DATE: 30 OCTOBER 2025	
SCALE: 1" = 20'-0"	13 of 108



SITE PLAN

SCALE 1" = 20'

1. ALL DISTURBED AREAS RECEIVE 4" OF TOPSOIL AND BERMUDA GRASS SODDING.
2. INSTALL SPLASH BLOCK AT ALL DOWNSPOUT LOCATIONS THAT ARE NOT CONNECTED TO COLLECTOR PIPE.
3. REFER TO MEP PLANS FOR ALL SITE UTILITY WORK.

FOR INFORMATION ONLY

GENERAL CONSTRUCTION NOTES

A. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR DAMAGES OCCURRING TO ANY PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT. SAID CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT PROPERTY DAMAGE.

B. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL SOLELY AND COMPLETELY BE RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS.

C. THE DUTY OF THE LOCAL UTILITY PROVIDER TO CONDUCT CONSTRUCTION INSPECTION REVIEWS OF THE CONTRACTOR'S PERFORMANCE IS NOT AN INSPECTION OR REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.

D. ALL WATER AND SEWER IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST REVISION TO THE LOCAL PROVIDER'S WATER AND WASTEWATER (SANITARY SEWER) STANDARD SPECIFICATIONS.

E. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF ALL UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.

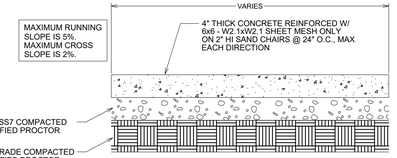
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CONCRETE WALK SECTION

NOT TO SCALE

NOTE:
1. ALL SIDEWALK JOINTS TO BE STEEL TROWELED. ALL JOINT EDGES AND SHALL BE SPACED AT 5 FEET ON CENTER MAXIMUM IN ALL DIRECTIONS AND SHALL BE STEEL TROWELED ON A RADIUS NOT TO EXCEED ONE-HALF INCH.
2. SIDEWALK SHALL BE MIN 6" THICK THROUGH DRIVE APRON



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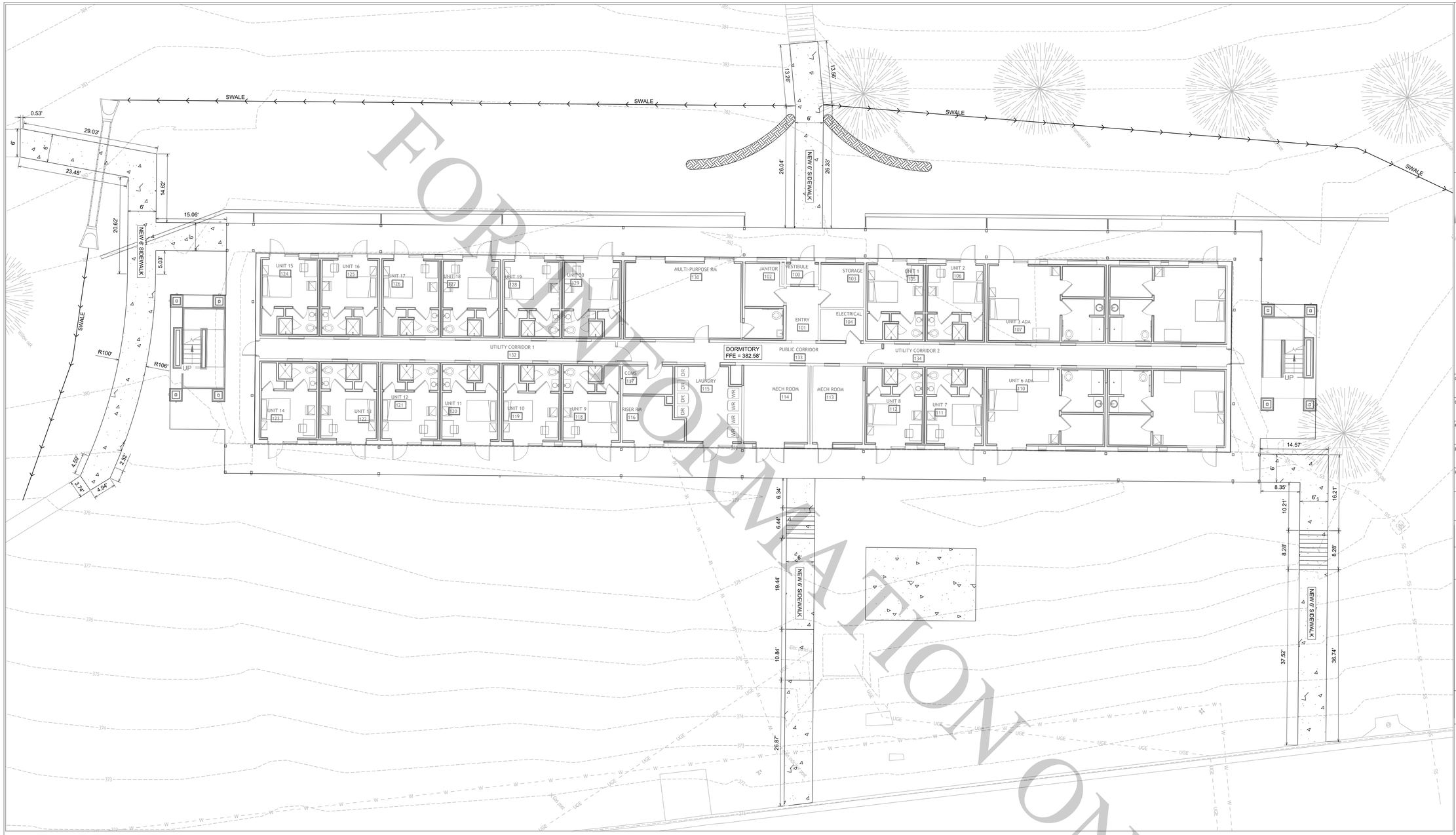
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
SITE PLAN

DRAWN BY: TF	LEAD DESIGNER: KGK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: PLE	C101
DATE: 30 OCTOBER 2025	
SCALE: 1" = 20'-0"	14 of 108



FOR INFORMATION ONLY

ENLARGED SITE PLAN

SCALE 1" = 10'

1. ALL DISTURBED AREAS RECEIVE 4" OF TOPSOIL AND BERMUDA GRASS SODDING.
2. INSTALL SPLASH BLOCK AT ALL DOWNSPOUT LOCATIONS THAT ARE NOT CONNECTED TO COLLECTOR PIPE.

CERTIFICATE OF AUTHORIZATION
PHILLIP LEWIS ENGINEERING, INC.
No. 566
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9540
PHILLIP LEWIS

0 10'
1" = 10'-0"

AIR MOBILITY COMMAND

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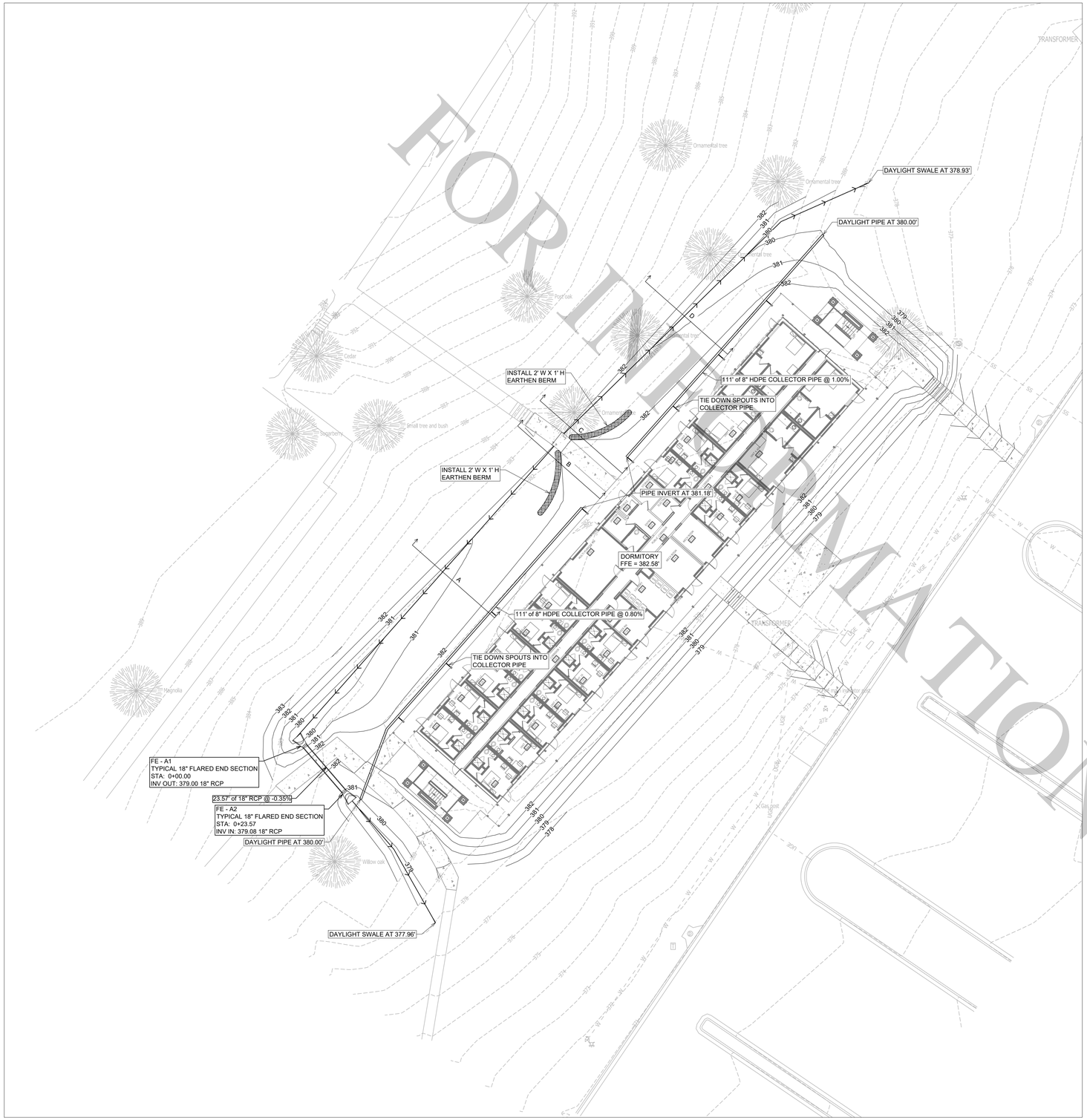
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
ENLARGED SITE PLAN

DRAWN BY: TF	LEAD DESIGNER: KGK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: PLE	C102
DATE: 30 OCTOBER 2025	
SCALE: 1" = 10'-0"	15 of 108



OVERALL GRADING & DRAINAGE PLAN

SCALE 1" = 20'

1. ALL DISTURBED AREAS RECEIVE 4" OF TOPSOIL AND BERMUDA GRASS SODDING.
2. INSTALL SPLASH BLOCK AT ALL DOWNSPOUT LOCATIONS THAT ARE NOT CONNECTED TO COLLECTOR PIPE.

TC = TOP OF CURB ELEVATION
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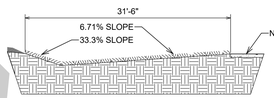
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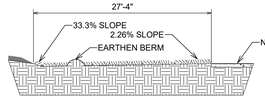
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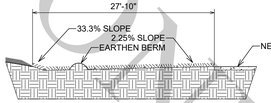
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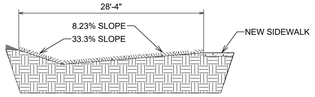
CROSS-SECTION A
NOT TO SCALE



CROSS-SECTION B
NOT TO SCALE



CROSS-SECTION C
NOT TO SCALE



CROSS-SECTION D
NOT TO SCALE

FOR INFORMATION ONLY

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
OVERALL GRADING & DRAINAGE PLAN

DRAWN BY: TF	LEAD DESIGNER: KGK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: PLE	C103
DATE: 30 OCTOBER 2025	
SCALE: 1" = 20'-0"	16 of 108

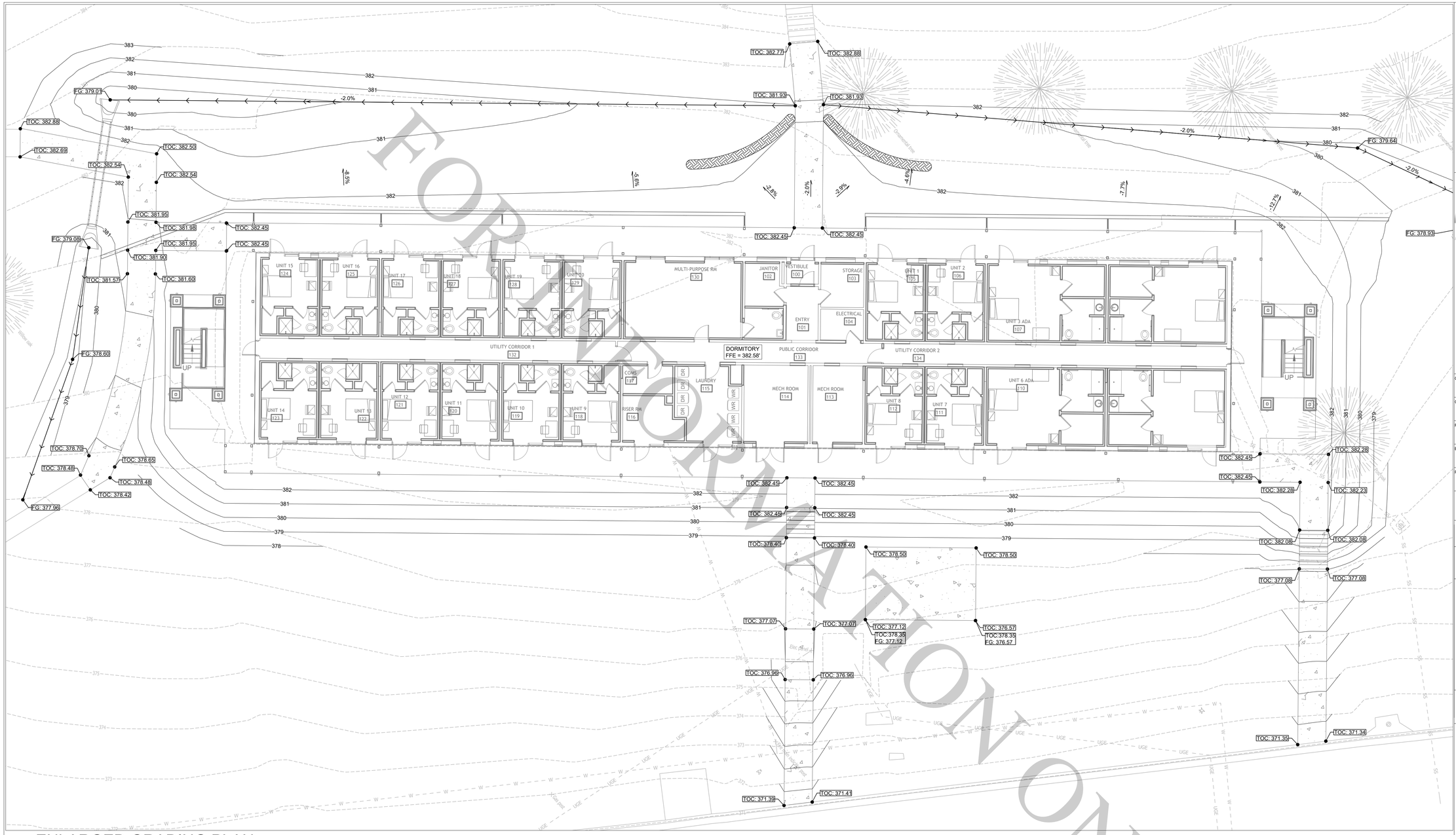
CERTIFICATE OF AUTHORIZATION — PHILLIP LEWIS ENGINEERING, INC. — No. 566 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 9540 — PHILLIP A. LEWIS

N

0 20'

1" = 20'-0"



ENLARGED GRADING PLAN

SCALE 1" = 10'

TC = TOP OF CURB ELEVATION
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AIR MOBILITY COMMAND

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PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
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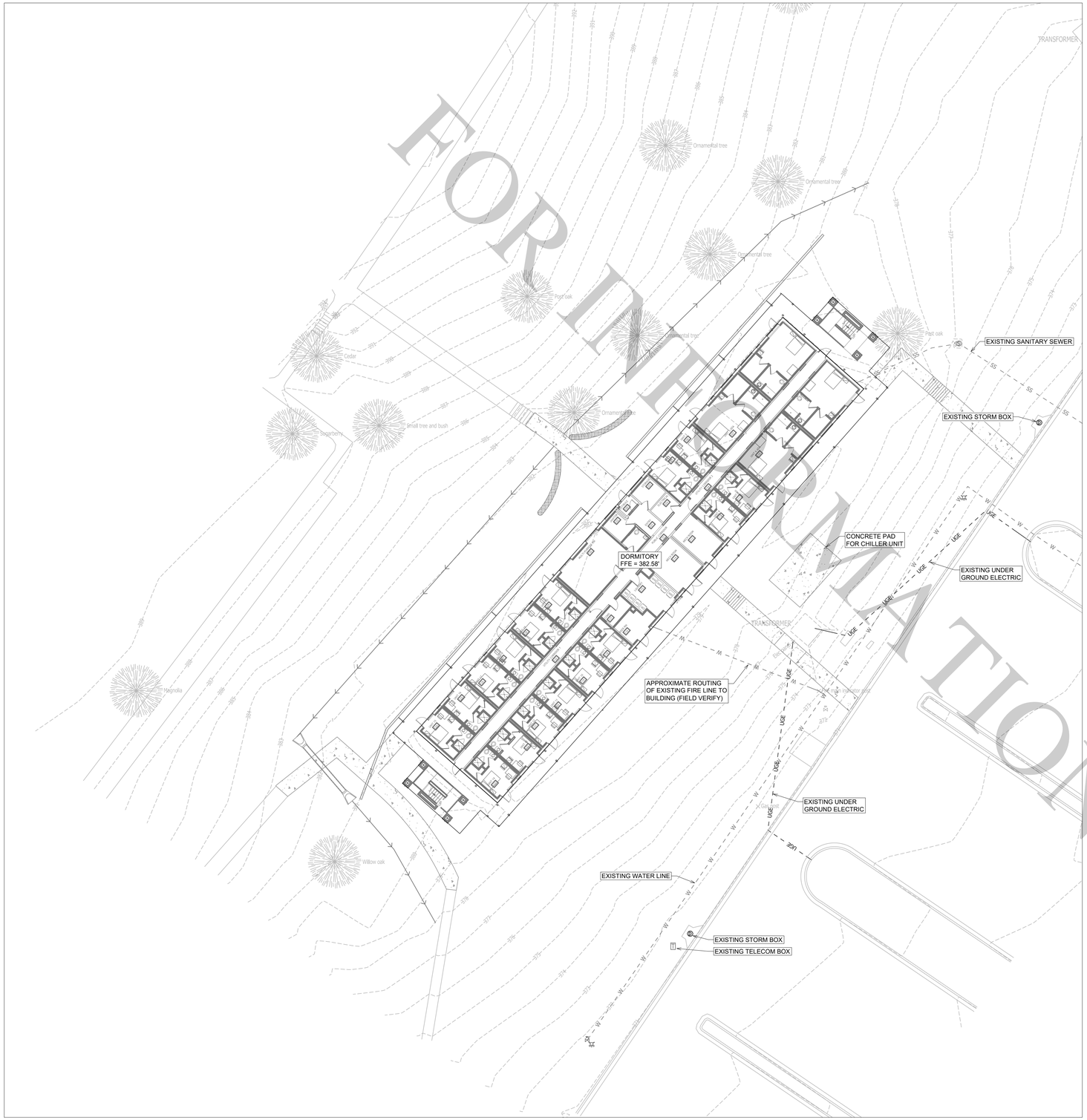
SHEET TITLE:
ENLARGED GRADING PLAN

DRAWN BY: TF	LEAD DESIGNER: KGK
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BY: PLE	C104
DATE: 30 OCTOBER 2025	
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CERTIFICATE OF AUTHORIZATION — PHILLIP LEWIS ENGINEERING, INC. — No. 566 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 9540 — PHILLIP A. LEWIS

0 10'
1" = 10'-0"



UTILITY PLAN

SCALE 1" = 20'

1. ALL DISTURBED AREAS RECEIVE 4" OF TOPSOIL AND BERMUDA GRASS SODDING.
2. INSTALL SPLASH BLOCK AT ALL DOWNSPOUT LOCATIONS THAT ARE NOT CONNECTED TO COLLECTOR PIPE.
3. REFER TO SHEET P201 FOR SANITARY SEWER AND WATER SERVICE CONNECTIONS.
4. CONTRACTOR SHALL COORDINATE ALL UTILITY CROSSING AND INCUR THE COST OF ANY EXISTING UTILITY RELOCATIONS, ADJUSTMENTS, OR COST ASSOCIATED WITH THE CONSTRUCTION OF NEW ITEMS WITHIN THEIR VICINITY.

FOR INFORMATION ONLY

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MARK	DESCRIPTION	DATE	BY	APPD

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LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

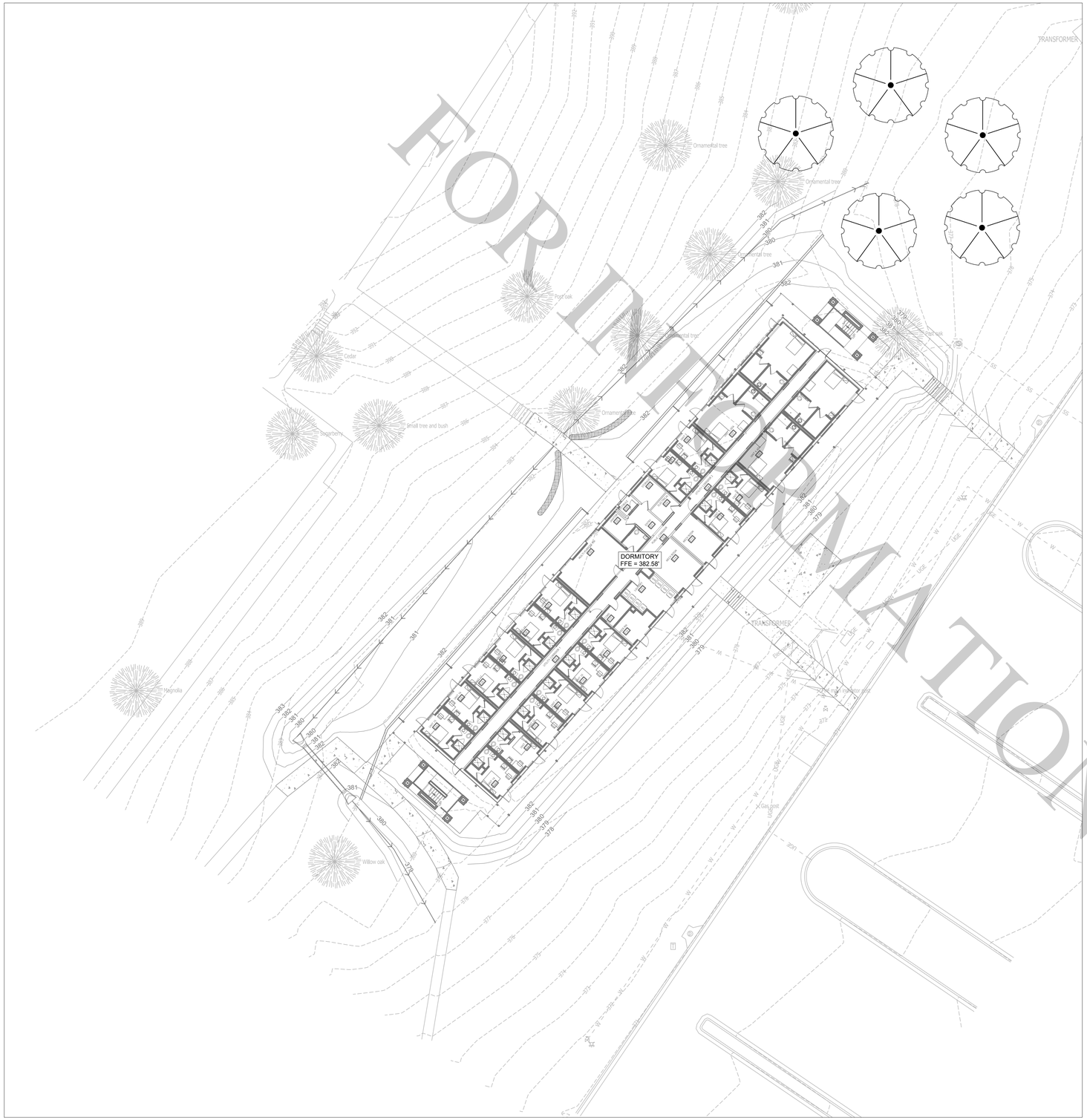
SHEET TITLE:
UTILITY PLAN

DRAWN BY: TF	LEAD DESIGNER: KGK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: PLE	C105
DATE: 30 OCTOBER 2025	
SCALE: 1" = 20'-0"	18 of 108

CERTIFICATE OF AUTHORIZATION
PHILLIP LEWIS ENGINEERING, INC.
No. 566
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9540
PHILLIP A. LEWIS

N
0 20'
1" = 20'-0"



LANDSCAPING PLAN

SCALE 1" = 20'

1. ALL DISTURBED AREAS RECEIVE 4" OF TOPSOIL AND BERMUDA GRASS SODDING.

LANDSCAPING LEGEND

WILLOW OAK (QUERCUS PHELLOS) 2" CAL

GENERAL CONSTRUCTION NOTES

A. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR DAMAGES OCCURRING TO ANY PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT. SAID CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT PROPERTY DAMAGE.

B. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL SOLELY AND COMPLETELY BE RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS.

C. THE DUTY OF THE LOCAL UTILITY PROVIDER TO CONDUCT CONSTRUCTION INSPECTION REVIEWS OF THE CONTRACTOR'S PERFORMANCE IS NOT AN INSPECTION OR REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.

D. ALL WATER AND SEWER IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST REVISION TO THE LOCAL PROVIDER'S WATER AND WASTEWATER (SANITARY SEWER) STANDARD SPECIFICATIONS.

E. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF ALL UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.

F. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.

G. PRIOR TO INSTALLATION OF ANY UTILITIES, THE CONTRACTOR IS TO EXCAVATE, VERIFY AND CALCULATE ALL CROSSINGS AND INFORM ANY AND ALL UTILITIES OF ANY CONFLICTS PRIOR TO CONSTRUCTION.

H. CONSTRUCTION SHALL NOT START ON ANY WATER UTILITY TIE-INS UNTIL APPROVAL IS GIVEN BY THE LOCAL UTILITY PROVIDER. SAID CONTRACTOR SHALL NOT OPERATE ANY VALVE, HYDRANT, OR WATER UTILITY APPURTENANCE NOR SHALL HE ATTACH TO OR TAP ANY WATER UTILITY MAIN WITHOUT APPROVAL. THE CONTRACTOR SHALL BEAR THE COST AND CONSEQUENCE OF ANY DISRUPTION OF UTILITY OPERATION CAUSED BY CONSTRUCTION.

I. FIBER OPTIC CABLE ON AND/OR ADJACENT TO THIS SITE WERE NOT LOCATED BY THE SURVEY AND ARE NOT SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY FIBER OPTIC CABLES ASSOCIATED WITH THIS SITE AND TAKE ALL NECESSARY AND REQUIRED PRECAUTIONS TO PROTECT ANY EXISTING FIBER OPTIC CABLES. CONTRACTORS SHALL COORDINATE ALL EFFORTS WITH OWNER OF FIBER OPTIC CABLES OR THEIR DESIGNATED REPRESENTATIVE.

J. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "ONECALL" SERVICE TO MARK ALL UTILITIES PRIOR TO ANY DEMOLITION, EARTHWORK, OR UTILITY WORK ON THIS SITE.

FOR INFORMATION ONLY

Little Rock A.F.B
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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

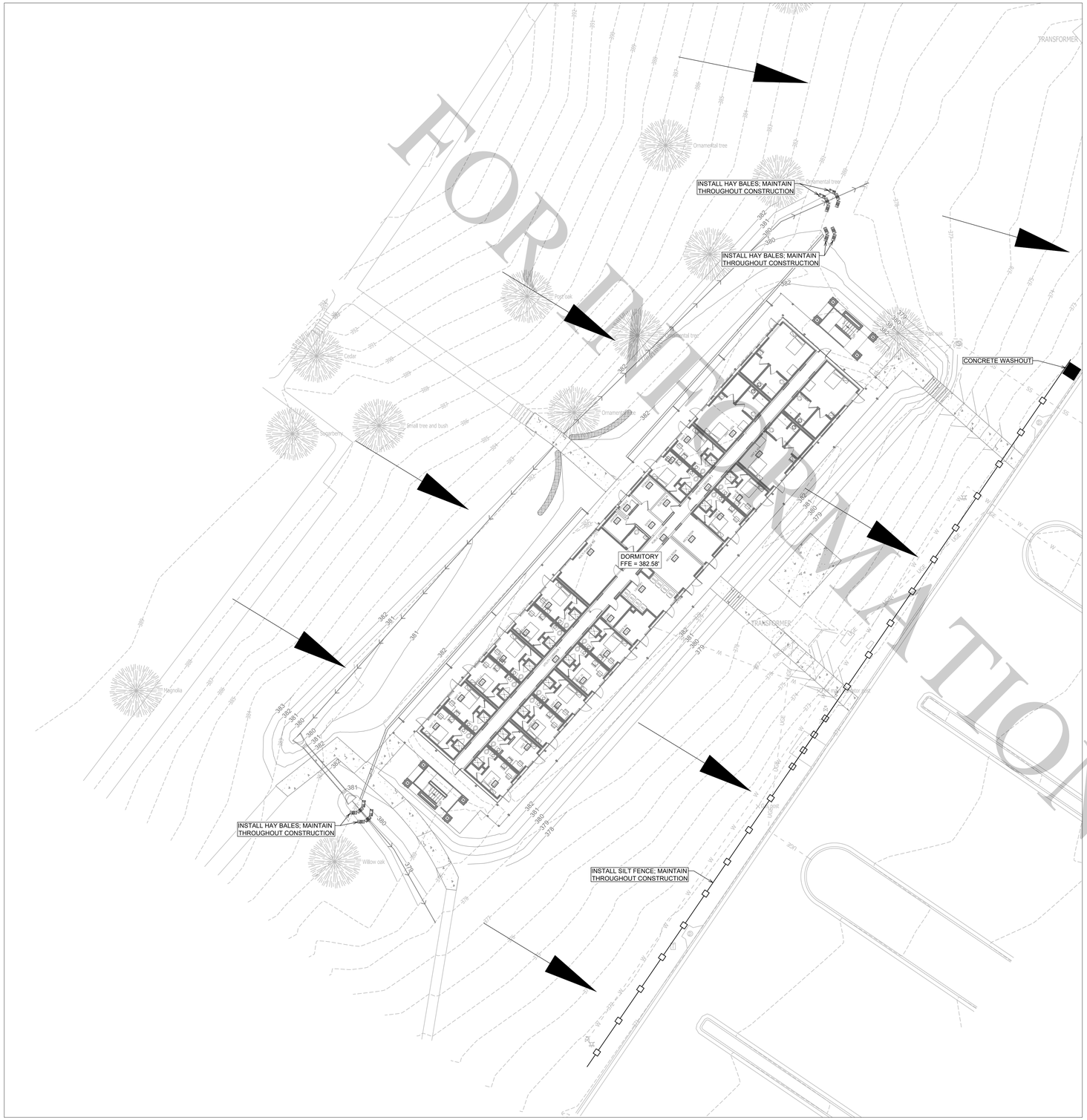
SHEET TITLE:
LANDSCAPING PLAN

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DRAWN BY: TF	LEAD DESIGNER: KGK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: PLE	C106
DATE: 30 OCTOBER 2025	
SCALE: 1" = 20'-0"	19 of 108



FOR INFORMATION ONLY

STORMWATER POLLUTION PREVENTION PLAN

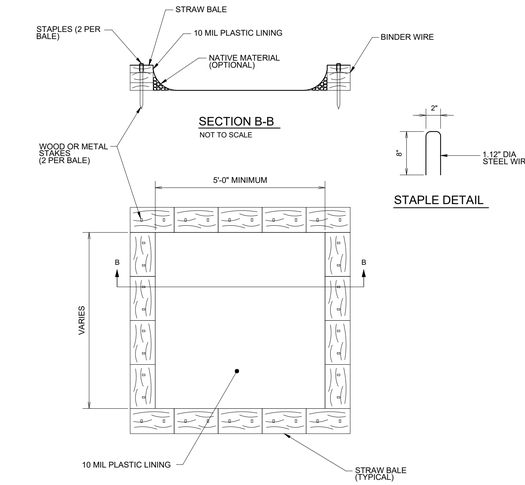
SCALE 1" = 20'

1. ALL DISTURBED AREAS RECEIVE 4" OF TOPSOIL AND BERMUDA GRASS SODDING.

LEGEND

SEDIMENT FENCE WITH WIRE BACKING

DRAINAGE DIRECTION



CONCRETE WASHOUT

NOT TO SCALE

SILT FENCE

NOT TO SCALE

NOTES AND SPECIFICATIONS:

1. POSTS SHALL BE A MINIMUM OF 36 INCHES CONSTRUCTED OF EITHER OF THE FOLLOWING MATERIALS: STEEL "T" OR "U" TYPE, OR 2" x 2" HARDWOOD.
2. WOVEN WIRE USED AS ADDITIONAL FENCE SUPPORT SHALL BE MINIMUM 14.5 GA. WITH 6" MAXIMUM SPACING.
3. WOVEN WIRE SHALL BE PLACED ALONG THE UPHILL SIDE OF THE FENCE AND FASTENED WITH WIRE TIES OR 1" STAPLES ALONG THE UPHILL SIDE OF THE POSTS.
4. FILTER FABRIC SHALL BE FASTENED TO WOVEN WIRE ACCORDING TO MANUFACTURER'S RECOMMENDATION, OR WITH TIES EVERY 24" AT THE TOP AND MID-SECTIONS.
5. WHERE TWO PIECES OF FILTER FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6 INCHES AND FOLDED TOGETHER.
6. WHERE TWO POSTS MEET TO JOIN FENCE SECTIONS, THE TOPS OF THE POSTS SHALL BE SECURED TOGETHER WITH WIRE.
7. THE FENCE SHALL BE CONSTRUCTED ALONG THE CONTOUR AS MUCH AS POSSIBLE.
8. ENDS OF FENCES SHALL BE EXTENDED UP THE SLOPE TO PREVENT RUNOFF FROM MIGRATING AROUND THE END OF THE FENCE.
9. INSPECTION OF THE FENCE SHALL BE PERFORMED WEEKLY, OR IMMEDIATELY AFTER A RAIN EVENT, OR WHEN BULGES APPEAR IN THE FENCE. ACCUMALTED SILT SHALL NOT BE ALLOWED TO EXCEED HALF THE HEIGHT OF THE FABRIC. REPAIR AND OR REPLACMENT OF DAMAGED FENCE SHALL BE COMPLETED PROMPTLY.
10. ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED SITE IN SUCH A MANNER THAT IT WILL NOT CONTRIBUTE TO OFF-SITE SILTATION.
11. ALL FENCING SHALL BE REMOVED WITH THE CONSTRUCTION SITE IS FULLY STABLIZED SO AS TO NOT IMPEDE STORM FLOW OR DRAINAGE.
12. PRE-FRABRICATED UNITS DO NOT REQUIRE THE USE OF WOVEN WIRE FENCE.

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PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
STORMWATER POLLUTION PREVENTION PLAN

DRAWN BY: TF	LEAD DESIGNER: KGK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: PLE	C107
DATE: 30 OCTOBER 2025	
SCALE: 1" = 20'-0"	20 of 108

FOR INFORMATION ONLY

ABBREVIATION LEGEND

A.R.	ANCHOR RODS
ADD'L	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
ARCH	ARCHITECTURAL
B PL	BASE PLATE
BF	BOTTOM OF FOOTING
BFF	BELOW FINISHED FLOOR
BLDG	BUILDING
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BP	BOTTOM OF PIER
BRG	BEARING
BTWN	BETWEEN
C	CHANNEL SHAPE (i.e. C8x11.5)
C	COLD FORMED C SHAPE
C.G.	CENTER OF GRAVITY
CJ	(KEYED) CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
DBL	DOUBLE
DEG	DEGREES
DIA	DIAMETER
DIM	DIMENSION
DLH	DEEP LONGSPAN JOIST (i.e. 60DLH12)
DSE	COLD-FORMED DOUBLE SLOPED EAVE STRUT
DTL	DETAIL
DWLS	DOWELS
EA	EACH
EBC	EXTENDED BOTTOM CHORD
EJ	EXPANSION JOINT
EL.	ELEVATION
ELEV	ELEVATION
EMBED	EMBEDMENT LENGTH
EOS	EDGE OF SLAB
ERECT	ERECTION
EWEF	EACH WAY, EACH FACE
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FD	FLOOR DRAIN
FF	FINISHED FLOOR
FV	FIELD VERIFY
FAS	FROM ADJACENT SPAN
FFE	FINISHED FLOOR ELEVATION
FIN FLR EL	FINISHED FLOOR ELEVATION
FS	FAR SIDE
FTG	FOOTING
Fy	STEEL YIELD STRENGTH
G	JOIST GIRDER (i.e. 24G8N7K)
GA	GAUGE
GB	GRADE BEAM
HORIZ	HORIZONTAL
HP	H-PILE SHAPE (i.e. HP8x36)
HS	HEADED STUD
HSS	HOLLOW STRUCTURAL SECTION (STEEL)
I/S	INSIDE
INFO	INFORMATION
INT	INTERIOR
JBE	JOIST BEARING ELEVATION
JT	JOINT
k	K-JOIST (i.e. 12k1 S.J.)
K	KIPS (KILO-POUNDS)
k/ft	KIPS PER FOOT
kcs	CONSTANT SHEAR JOIST (i.e. 12kcs2 S.J.)
KD	KILN-DRIED
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
L	ANGLE (i.e. L3x3x1/4)
LH	LONGSPAN JOIST (i.e. 32LH05)
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LW	LONG WAY
LWB	LAM. WOOD BEAM (i.e. LWB3x11)
M.B.	METAL BUILDING
MC	MOMENT CONNECTION
MAT'L	MATERIAL
MAX	MAXIMUM
MC	MISC. CHANNEL SHAPE (i.e. MC12x10.6)
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC.	MISCELLANEOUS
MPH	MILES PER HOUR
MTL	METAL
N	JOIST SPACES ON GIRDER
NO.	NUMBER
N.S.	NON-SHRINK
NS	NEAR SIDE
NTS	NOT TO SCALE
o.c.	ON CENTER
O/S	OUTSIDE
OD	OUTSIDE DIAMETER
OPNG	OPENING
OPP.	OPPOSITE
OSB	ORIENTED STRAND BOARD
P##	DRILLED PIER (##-DIA IN INCHES)
PF###	PAD FOOTING (###-SIZE IN FEET)
P/T	POST-TENSIONED
PL	PLATE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
R	RADIUS
RE:	REFERENCE
REINF	REINFORCING
REQ'D	REQUIRED
RTU	ROOF TOP UNIT
S	STANDARD STEEL SHAPE (i.e. S10x35)
SCHED.	SCHEDULE
SECT	SECTION
SH	COLD-FORMED HAT SHAPE
SIM	SIMILAR
SJ	(SAWN) CONTROL JOINT
SQ	SQUARE
STIFF	STIFFENER
SW	SHORT WAY
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TEMP	TEMPERATURE
TF	TOP OF FOOTING
TOC	TOP OF COLUMN
TOC	TOP OF CONCRETE
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TP	TOP OF PIER
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VER	VERIFY
VERT	VERTICAL
vs	VS JOIST (i.e. 2.5vs1)
W	WIDE FLANGE SHAPE (i.e. W8x10)
WP	WORK POINT
w/	WITH
w/o	WITHOUT
WWR	WELDED WIRE REINFORCING (i.e. WIRE MESH)

STRUCTURAL NOTES

GENERAL NOTES

1. THE CONTRACTOR SHALL THOROUGHLY REVIEW ALL CONTRACT DOCUMENTS AND INFORM THE ARCHITECT OF CONFLICTS OR DISCREPANCIES PRIOR TO BIDDING, FABRICATION, AND CONSTRUCTION.
2. IN CASES OF DISCREPANCIES IN DIMENSIONS AND ELEVATIONS BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS, CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
3. THE CONTRACTOR SHALL COORDINATE THE FIELD VERIFICATION OF ALL EXISTING SITE CONDITIONS SUCH AS EXISTING FLOOR ELEVATIONS, EXISTING FOOTING ELEVATIONS, EXISTING UTILITIES, ETC, WHETHER NOTED OR NOT IN THE CONTRACT DOCUMENTS AND SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS, DISCREPANCIES OR UNKNOWN CONDITIONS PRIOR TO FABRICATION AND CONSTRUCTION.
4. REPRODUCTION OF CONTRACT DRAWINGS, IN ANY FORM, WILL NOT BE ACCEPTED AS SHOP DRAWINGS.
5. REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER-OF-RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL FOR REVIEW. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, AND PROCEDURES OF CONSTRUCTION.
6. CONTRACTOR SHALL PROVIDE TEMPORARY GUYS AND BRACING AS REQUIRED DURING CONSTRUCTION. STRUCTURE IS NOT STABLE UNTIL ALL STRUCTURAL MEMBERS, CONNECTIONS, AND DECKING IS IN PLACE.
7. ACI, AISC, AITC AND AWS SPECIFICATIONS SHALL GOVERN ALL PHASES OF FABRICATION AND CONSTRUCTION.

CONCRETE NOTES

CONCRETE REINFORCEMENT

1. CONCRETE REINFORCEMENT SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.
2. ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
3. PROVIDE THE FOLLOWING PROTECTIVE COVERING FOR ALL REINFORCING BARS UNLESS DETAILED OR NOTED OTHERWISE:

SLAB-ON-GRADE BARS (BOTTOM)	3" CLEAR
BELOW GRADE (CAST AGAINST EARTH)	3" CLEAR
BELOW GRADE (FORMED EDGE)	2" CLEAR
WALLS	2" CLEAR
COLUMNS	1.5" CLEAR TO TIES
ELEVATED BEAMS	1.5" CLEAR TO STIRRUPS
ELEVATED SLABS & JOISTS	0.75" CLEAR

4. DO NOT CUT TIES OR CONTINUOUS BARS TO PROVIDE CLEARANCE FOR EMBEDDED ITEMS OR OTHER OBSTRUCTIONS. INDIVIDUAL BARS AND TIES MAY BE MOVED VERTICALLY UP TO 1.5" AS REQUIRED TO PROVIDE CLEARANCE FOR EMBEDS, HOOKS, ETC. DO NOT HEAT REINFORCING TO BEND IT.
5. IF DOWELS OR VERTICAL REINFORCING ARE CUT OR SEVERELY BENT, CONTRACTOR MAY BE REQUIRED TO REMOVE THE CONCRETE BACK TO THE PREVIOUS POUR JOINT AND REPLACE THE DAMAGED BARS AND CONCRETE AT THE CONTRACTOR'S EXPENSE.
6. REINFORCEMENT SHALL BE SPLICED ONLY AS SHOWN OR NOTED IN THE STRUCTURAL CONTRACT DOCUMENTS. SPLICES AT OTHER LOCATIONS SHALL BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER-OF-RECORD PRIOR TO FABRICATION.
7. REINFORCING BARS MARKED AS CONTINUOUS SHALL BE SPLICED WITH CLASS "B" TENSION LAP SPLICES ONLY.
8. ALL TENSION LAP SPLICES SHALL BE CLASS "B" UNLESS NOTED OTHERWISE.
9. WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A185. LAP REINFORCEMENT 8 INCHES ON SIDES AND ENDS. MAINTAIN WIRE 1 TO 2 INCHES BELOW TOP SURFACE OF SLAB-ON-GRADE, UNLESS NOTED OTHERWISE. WELDED WIRE REINFORCEMENT MUST BE PLACED ON CHAIRS OR BOLSTERS AS REQUIRED TO MAINTAIN POSITION IN THE SLAB.
10. ONCE SHOP DRAWINGS HAVE BEEN REVIEWED, DO NOT ADD REINFORCING OR INFORMATION TO PREVIOUSLY SUBMITTED SHEETS FOR SUBSEQUENT SUBMITTALS UNLESS SHOP DRAWINGS ARE BEING RESUBMITTED AFTER BEING RETURNED "NOT REVIEWED".
11. WHERE ANCHOR RODS ARE CAST INTO CONCRETE, PROVIDE SUPPLEMENTAL REINFORCING EACH WAY, TIED NEAR THE TOP AND BOTTOM OF ALL ANCHOR RODS TO THE ADJACENT REBAR TO SECURE RODS DURING CONCRETE PLACEMENT. (MINIMUM SIZE #4)

CAST-IN-PLACE CONCRETE (03 30 00)

1. CONCRETE SUPPLIER SHALL SUBMIT CONCRETE MIX DESIGN DATA TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.
2. CONCRETE SHALL HAVE AT LEAST THE FOLLOWING MINIMUM COMPRESSIVE STRENGTHS AT 28 DAYS:

A. FOOTINGS, GRADE BEAMS & DRILLED PIERS	3000 PSI
B. REINFORCED CMU & BOND BEAM FILL	(SEE MASONRY NOTES)
C. SLABS-ON-GRADE, WALLS, PILASTERS & PEDESTALS	4000 PSI
D. ELEVATED SLABS, BEAMS & JOISTS	4000 PS

3. SEE CONCRETE MIX DESIGN TABLE
4. PROPORTIONS OF CONCRETE MIX DESIGNS SHALL BE DETERMINED BY THE PROCEDURES ESTABLISHED IN SECTION 5.3 OF ACI 318-19.
5. MIX DESIGN MAY INCLUDE (TYPE C) FLYASH AS A REPLACEMENT FOR PORTLAND CEMENT UP TO A MAXIMUM OF 20% OF THE TOTAL CEMENTIOUS MATERIAL. DO NOT USE A FLYASH CONTAINING CONCRETE MIX WHEN THE TEMPERATURE DURING PLACEMENT OR CURING IS PROJECTED TO FALL BELOW 60 DEGREES FAHRENHEIT.
6. MIX DESIGN MAY INCLUDE WATER REDUCING ADMIXTURES CONFORMING TO ASTM C494, TYPE A, TO PROVIDE WORKABILITY AND SPECIFIED SLUMP WITHOUT EXCEEDING SPECIFIED WATER/CEMENT RATIOS. WATER SHALL NOT BE ADDED ON SITE WITHOUT PRIOR APPROVAL. ANY APPROVED WATER AMOUNTS ADDED ON SITE MUST BE RECORDED & REPORTED BY THE TESTING AGENCY.
7. ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 5.5% AIR ENTRAINMENT (±1.5%). DO NOT EXCEED 3% AIR CONTENT IN CONCRETE RECEIVING A STEEL TROWEL FINISH.

CAST-IN-PLACE CONCRETE MIX DESIGN TABLE

MIX DESIGN SHALL INCLUDE AT LEAST THE FOLLOWING AMOUNTS OF PORTLAND CEMENT MEETING ASTM C150 OR D595 PER CUBIC YARD OF CONCRETE

	NON-AIR ENTRAINED		AIR ENTRAINED		
28 DAY MIN. COMPRESSIVE STRENGTH	MIN. CEMENT CONTENT (LBS/YARD³)	MAXIMUM PERMISSIBLE W/C RATIO	MIN. CEMENT CONTENT (LBS/YARD³)	MAXIMUM PERMISSIBLE W/C RATIO	MAX. SLUMP w/ WRA
3000	470	0.53	517	0.46	6"
4000	564	0.44	611	0.40	6"

METALS NOTES (05 00 00)

STRUCTURAL STEEL (05 12 00)

1. STRUCTURAL STEEL SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
2. ALL STRUCTURAL STEEL SHAPES SHALL BE AS FOLLOWS:
   A. ALL WIDE FLANGE STRUCTURAL STEEL SHAPES (W) SHALL BE ASTM A992.
   B. SQUARE OR RECTANGULAR HOLLOW STRUCTURAL SECTIONS (HSS) SHALL BE ASTM A500, GRADE C, Fy = 50 KSI
   C. ROUND HOLLOW STRUCTURAL SECTIONS (HSS) SHALL BE ASTM A500, GRADE C, Fy = 46 KSI
   D. ROUND STEEL PIPES (P, PX, PXX) SHALL BE ASTM A53, GRADE B, FY = 35 KSI.
   E. ALL OTHER STRUCTURAL STEEL (CHANNELS (C), ANGLES (L), PLATES (PL), ETC.) SHALL BE ASTM A36, UNLESS NOTED OTHERWISE.
4. ALL ANCHOR RODS SHALL BE ASTM F1554 GRADE 36 (OR GRADE 55 WITH SUPPLEMENT S1 - WELDABILITY) UNLESS NOTED OTHERWISE.
5. STRUCTURAL BOLTS SHALL BE ASTM F3125 GRADE A325-N, (OR GRADE A490-N) UNLESS OTHERWISE NOTED.
6. BOLTS THRU WOOD BLOCKING SHALL BE ASTM A307. ALL BOLTS IN CONTACT WITH TREATED WOOD SHALL BE STAINLESS STEEL (TYPE 316L), OR HOT DIPPED GALVANIZED WITH A MINIMUM COATING THICKNESS OF 0.2 OUNCES PER SQUARE FOOT (ASTM A153). USE STAINLESS BOLTS WITH STAINLESS STEEL CONNECTORS AND GALVANIZED BOLTS WITH GALVANIZED CONNECTORS IF ONLY ONE IS SPECIFIED.
7. POST-INSTALLED ADHESIVE ANCHORS IN CONCRETE SHALL BE STANDARD ASTM A36 THREADED RODS (OR APPROVED EQUAL) WITH A MINIMUM STEEL YIELD STRENGTH OF Fy=36ksi OR ASTM F593 STAINLESS STEEL ANCHORS WITH A MINIMUM STEEL YIELD STRENGTH OF fy=45ksi, UNLESS SHOWN OTHERWISE ON THE DRAWINGS. ADHESIVE SHALL BE HILTI "HIT-RE 500-SD" SYSTEM (REF: ICC-ES ESR-2322), SIMPSON STRONG-TIE "SET-3G" SYSTEM (REF: ICC-ES ESR-4057), DEWALT "PURE 220+" SYSTEM (REF: ICC-ES ESR 5144), (OR APPROVED EQUAL). (SEE PRODUCT MANUALS FOR HOLE CLEANING, INSTALLATION AND INSTALLER TRAINING REQUIREMENTS.)
8. POST-INSTALLED ADHESIVE ANCHORS IN CONCRETE FILLED CMU CELLS SHALL BE STANDARD ASTM A36 THREADED RODS (OR APPROVED EQUAL) WITH A MINIMUM STEEL YIELD STRENGTH OF Fy=36ksi OR ASTM F593 STAINLESS STEEL ANCHORS WITH A MINIMUM STEEL YIELD STRENGTH OF fy=45ksi, UNLESS SHOWN OTHERWISE ON THE DRAWINGS. ADHESIVE SHALL BE HILTI "HIT-HY270" SYSTEM (REF: ICC-ES ESR-4143), SIMPSON STRONG-TIE "SET-3G" SYSTEM (REF: ICC ES ESR-4844), DEWALT "AC 100+ GOLD" SYSTEM (REF: ICC-ES ESR 3200), (OR APPROVED EQUAL). (SEE PRODUCT MANUALS FOR HOLE CLEANING, INSTALLATION AND INSTALLER TRAINING REQUIREMENTS.)
9. POST-INSTALLED ADHESIVE ANCHORS IN HOLLOW CMU OR CLAY MASONRY SHALL BE STANDARD ASTM A36 THREADED RODS (OR APPROVED EQUAL) WITH A MINIMUM STEEL YIELD STRENGTH OF Fy=36ksi OR ASTM F593 STAINLESS STEEL ANCHORS WITH A MINIMUM STEEL YIELD STRENGTH OF fy=45ksi, UNLESS SHOWN OTHERWISE ON THE DRAWINGS. ADHESIVE AND SCREEN TUBES SHALL BE HILTI "HIT-HY270" SYSTEM (REF: ICC-ES ESR-4143), SIMPSON STRONG-TIE "ET-HP" SYSTEM (REF: IAPMO UES ER-241), DEWALT "AC 100+ GOLD" SYSTEM (REF: ICC-ES ESR 4105), (OR APPROVED EQUAL). (SEE PRODUCT MANUALS FOR HOLE CLEANING, INSTALLATION AND INSTALLER TRAINING REQUIREMENTS.)
10. POST-INSTALLED EXPANSION ANCHORS IN CONCRETE SHALL BE HILTI "KWIK BOLT TZ2" (REF: ICC-ES AC 193), SIMPSON STRONG-TIE "STRONG BOLT 2" (REF: ICC-ES ESR-3037), DEWALT "POWER STUD+ SD1+" (REF: ICC-ES ESR-2818), (OR APPROVED EQUAL) CARBON STEEL ANCHORS UNLESS SHOWN OTHERWISE ON THE DRAWINGS. (SEE PRODUCT MANUALS FOR HOLE CLEANING, INSTALLATION AND INSTALLER TRAINING REQUIREMENTS.)
11. POST-INSTALLED SCREW ANCHORS SHALL BE HILTI "KWIK HUS EZ" (REF: ICC-ES ESR-3027), SIMPSON STRONG-TIE "TITEN HD" (REF: ICC-ES ESR-2713), DEWALT "SCREW BOLT+" (REF: ICC ESR-3889), (OR APPROVED EQUAL), UNLESS NOTED OTHERWISE. (SEE PRODUCT MANUALS FOR HOLE CLEANING, INSTALLATION AND INSTALLER TRAINING REQUIREMENTS.)
12. PROVIDE CONTINUOUS SPECIAL INSPECTION FOR ALL MECHANICAL AND ADHESIVE ANCHORS PER THE MOST CURRENT ICC-ES REPORT FOR THE ANCHOR BEING INSTALLED (RE: IBC TABLE 1705.1.3).
13. THE CONTRACTOR SHALL ARRANGE FOR A MANUFACTURER'S FIELD REPRESENTATIVE TO PROVIDE INSTALLATION TRAINING FOR ALL POST-INSTALLED ANCHORS TO BE USED, PRIOR TO COMMENCEMENT OF THE WORK. ONLY TRAINED INSTALLERS SHALL PERFORM POST INSTALLED ANCHOR INSTALLATION. A RECORD OF TRAINING SHALL BE KEPT ON-SITE AND MADE AVAILABLE TO THE ARCHITECT AND/OR ENGINEER OF RECORD, UPON REQUEST.
14. ADHESIVE ANCHORS INSTALLED IN HORIZONTAL OR VERTICALLY OVERHEAD ORIENTATION TO SUPPORT SUSTAINED TENSION LOADS SHALL BE DONE BY A CERTIFIED ADHESIVE ANCHOR INSTALLER (AAI) AS CERTIFIED THROUGH ACI/CRSI (ACI 318-11 D.9.2.2 / ACI 318-14 17.8.2.2 / ACI 318-19 17.2.3). PROOF OF CURRENT CERTIFICATION SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO COMMENCEMENT OF INSTALLATION.
15. ADHESIVE ANCHORS MUST BE INSTALLED IN CONCRETE AGED A MINIMUM OF 21 DAYS (ACI 318-11 D.2.2 / ACI 316-14 17.1.2 / ACI 318-19 17.2.2).
16. THE REMOVAL AND RESETTING OF POST-INSTALLED ANCHORS IS PROHIBITED (ACI 318-19 17.1.3).
17. CONNECTIONS WITH HIGH STRENGTH BOLTS SHALL BE DESIGNED CONSIDERING BOLT THREADS INCLUDED IN THE SHEAR PLANE (A325-N). ALL BOLTING SHALL BE INSTALLED BY THE TURN-OF-THE-NUT METHOD, REMOVABLE LOAD INDICATOR BOLTS, OR CALIBRATED WRENCH. SNUG TIGHT BOLTING WILL NOT BE PERMITTED UNLESS SPECIFICALLY DETAILED ON CONTRACT DRAWINGS.
18. ALL HIGH STRENGTH BOLTED CONNECTIONS (EXCEPT COMPOSITE FLOOR BEAM CONNECTIONS) SHALL BE BEARING TYPE SELECTED TO SUPPORT ONE-HALF (1/2) OF THE MAXIMUM TOTAL UNIFORM LOAD CAPACITY OF THE BEAMS AS SHOWN IN TABLE 3-6 OF THE AISC MANUAL, 14TH EDITION, FOR THE GIVEN BEAM SIZE, SPAN AND GRADE OF STEEL SPECIFIED. THE EFFECTS OF ANY CONCENTRATED LOADS MUST BE TAKEN INTO ACCOUNT. CONNECTIONS SHALL BE DESIGNED CONSIDERING THREADS INCLUDED IN THE SHEAR PLANE (A325-N).
19. ALL WELDS SHALL BE E70XX, MINIMUM AND SHALL BE PERFORMED BY AWS CERTIFIED WELDERS, CERTIFIED WITHIN THE PREVIOUS TWELVE (12) MONTHS. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THE BUILDING AND COMPONENTS DUE TO FIRE HAZARDS FROM WELDING.
20. DO NOT PRIME PAINT STEEL THAT RECEIVES SPRAYED FIREPROOFING.
21. ALL STEEL LINTELS AND SHELF ANGLES SHALL BE COATED WITH A ZINC RICH PRIMER.
22. ALL STRUCTURAL STEEL EXPOSED TO WEATHER (SUCH AS MECHANICAL FRAMES) SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.

METAL DECKING (05 31 00)

1. METAL DECKING SUPPLIER SHALL SUBMIT SHOP DRAWINGS PREPARED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
2. POWDER ACTUATED OR PNEUMATIC FASTENERS MAY NOT BE SUBSTITUTED FOR PUDDLE WELDS.

LIGHT GAUGE METAL TRUSSES (05 44 00)

1. TRUSS FABRICATOR SHALL SUBMIT CALCULATIONS AND SHOP DRAWINGS SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
2. TRUSS DIMENSIONS AND LAYOUT, IF SHOWN, IS FOR ESTIMATING PURPOSES ONLY AND IS NOT NECESSARILY TO BE USED FOR FABRICATION. FABRICATOR SHALL BE RESPONSIBLE FOR ACTUAL DIMENSIONS OF TRUSSES. TRUSSES SHALL UTILIZE ONLY THE BEARING WALLS AND SUPPORTS SHOWN ON THE PLANS.
3. CONTRACTOR SHALL PROVIDE BRACING FOR TRUSS CHORDS AND WEB MEMBERS AS REQUIRED BY THE TRUSS FABRICATOR. SYSTEM IS NOT STABLE UNTIL SHEATHING AND PERMANENT BRACING ARE INSTALLED.
4. TRUSS MANUFACTURER SHALL DESIGN AND PROVIDE TRUSS HANGERS WHERE TRUSSES ARE SUPPORTED BY OTHER TRUSSES.
5. TRUSS MANUFACTURER SHALL COORDINATE ALL HAT CHANNELS AND ATTACHMENT TO TOP AND BOTTOM CHORD OF TRUSS. ADDITIONAL TRUSSES SHALL BE ADDED IF HAT CHANNELS CANNOT CARRY ROOF LOADS OR CEILING LOADS AT TRUSS SPACING SHOWN ON PLAN. HAT CHANNEL DEFLECTION ON ROOF AND CEILING SHALL BE LIMITED TO L/240 TOTAL LOAD AND L/360 LIVE LOAD.
6. TRUSS MANUFACTURER SHALL DESIGN AND COORDINATE A COMPLETE ROOF SYSTEM INCLUDING ALL TRUSSES, HEADERS, CONNECTIONS AND HAT CHANNELS (IF APPLICABLE), ETC.

EARTHWORK & FOUNDATION NOTES (31 00 00)

EXCAVATION & FILL (31 22 00 & 31 23 23)

1. ALL UNDERCUTTING, SITE PREPARATION, FILL SELECTION, BACKFILLING AND COMPACTION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND SOILS ENGINEER'S RECOMMENDATIONS.
2. SELECT FILL BENEATH THE BUILDING SHALL BE PLACED IN LIFTS NOT EXCEEDING 8" LOOSE THICKNESS AND COMPACTED TO AT LEAST 95% OF MAXIMUM MODIFIED PROCTOR DRY DENSITY (ASTM D1557). THE IN-PLACE DENSITY AND MOISTURE CONTENT SHALL BE ESTABLISHED AND APPROVED FOR EACH LIFT PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS.

SPREAD FOOTINGS (31 24 50)

1. BOTTOM OF FOOTING ELEVATIONS (BF) SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY AND ARE NOT NECESSARILY TO BE USED FOR CONSTRUCTION. THE SOILS ENGINEER OR HIS REPRESENTATIVE SHALL BE ENGAGED TO INSPECT ALL FOOTING EXCAVATIONS TO VERIFY THAT THE REQUIRED ALLOWABLE BEARING CAPACITY IS ATTAINABLE. BOTTOM OF FOOTING ELEVATIONS SHALL BE ADJUSTED PER THE ON-SITE RECOMMENDATIONS OF THE SOILS ENGINEER OR HIS REPRESENTATIVE.
2. ALL SPREAD FOOTINGS SHALL BE FOUNDED IN THE NATURAL SOILS WITH AN ALLOWABLE NET BEARING CAPACITY OF AT LEAST 2000 PSF. (REF: GEOTECHNICAL INVESTIGATION, JOB NO. 14-351 DATED DECEMBER 2024 BY MTA ENGINEERS.)
3. MAINTAIN FINISHED GRADE (AND/OR BOTTOM OF FOOTING ELEVATIONS) TO PROVIDE AT LEAST 2'-0" COVER ABOVE THE BOTTOM OF ALL EXTERIOR FOOTINGS FOR FROST PROTECTION.

RETAINING WALLS (32 32 13)

1. ALL RETAINING WALLS SHALL HAVE A PROPERLY INSTALLED DRAINAGE SYSTEM TO RELIEVE HYDROSTATIC PRESSURE.
2. BACKFILL BOTH SIDES OF WALLS EQUALLY UNTIL LOW SIDE IS UP TO GRADE.
3. PROVIDE ADDITIONAL SHORING FOR ALL FOUNDATION WALLS AS REQUIRED DURING CONSTRUCTION BACKFILLING AND COMPACTION OPERATIONS.
4. ALL FOUNDATION WALLS WITH AN ELEVATED CONCRETE SLAB FRAMING INTO THE TOP OF THEM MAY BE BACKFILLED ONLY AFTER THE ELEVATED SLAB IS IN PLACE AND CURED.
5. IF RETAINING WALLS ARE REQUIRED BY THE BUILDING OFFICIALS TO BE INSPECTED (AS-BUILT CERTIFICATION FORM), THE CONTRACTOR SHALL RETAIN THE SERVICES OF AN INDEPENDENT REGISTERED ENGINEER OR NOTIFY THE ENGINEER-OF-RECORD AT LEAST 3 DAYS PRIOR TO COVERING UP THE REBAR WITH WALL FACING MATERIAL (WHETHER CONCRETE OR MASONRY), SO THAT IN-PLACE REBAR MAY BE PROPERLY INSPECTED.

DESIGN LOADS:

DEAD LOADS:		WEIGHT OF THE STRUCTURE
ROOF LIVE LOAD:		20 PSF
FLOOR LIVE LOADS:		
SLEEPING ROOMS		100 PSF
CORRIDORS		100 PSF
LOBBIES		100 PSF
ASSEMBLY AREAS		100 PSF
STAIRS AND EXITS		100 PSF
GROUND SNOW LOAD	Pg:	10 PSF
WIND SPEED FOR RISK CATEGORY II & EXPOSURE C	Vult:	105 MPH
	Vasd:	82 MPH
BUILDING RISK CATEGORY		II
WIND EXPOSURE CATEGORY		C
INTERNAL PRESSURE COEFFICIENT	GCpi:	+/-0.18
COMP. & CLADDING WIND PRESSURE	Pnet30:	SEE ASCE 7-16, TABLE 30.6-2
MAPPED SPECTRAL RESPONSE ACCELERATIONS	Ss:	0.485
	S1:	0.168
SITE CLASS		C
SPECTRAL RESPONSE COEFFICIENTS	Sds:	0.420
	Sd1:	0.168
SEISMIC DESIGN CATEGORY		C
BASIC SEISMIC-FORCE-RESISTING SYSTEM (PER ASCE 7-16, TABLE 12.2-1)		SEE WALLACE DESIGN COLLECTIVE DOCUMENTS SEE WALLACE DESIGN COLLECTIVE DOCUMENTS
DESIGN BASE SHEAR	V:	SEE WALLACE DESIGN COLLECTIVE DOCUMENTS
SEISMIC RESPONSE COEFFICIENT	Cs:	SEE WALLACE DESIGN COLLECTIVE DOCUMENTS
RESPONSE MODIFICATION FACTOR	R:	SEE WALLACE DESIGN COLLECTIVE DOCUMENTS
ANALYSIS PROCEDURE		EQUIVALENT LATERAL FORCE METHOD (PER ASCE 7-16, TABLE 12.6-1 & SECT. 12.8)
CODES:		2021 ARKANSAS FIRE PREVENTION CODE A.C.A. 12-80-101 ET. SEQ. (ARKANSAS STATE LAW)

CONSTRUCTION DOCUMENTS PROVIDED BY ENGINEERING CONSULTANTS, INC. ARE FOR NEW STRUCTURAL ELEMENTS OUTSIDE THE EXISTING BUILDING ENVELOPE AND ARE DEPENDENT ON THE EXISTING STRUCTURE. WITHOUT STRUCTURAL MODIFICATIONS AND STRENGTHENING TO THE EXISTING STRUCTURE THE NEW STRUCTURAL ELEMENTS WILL NOT PERFORM AS DESIGNED. SEE CONSTRUCTION DOCUMENTS BY WALLACE DESIGN COLLECTIVE FOR REQUIRED STRUCTURAL MODIFICATIONS AND STRENGTHENING.

THE FOUNDATIONS AND STRUCTURAL FRAMING HAVE BEEN DESIGNED TO RESIST THE LOADS AND FORCES STATED ABOVE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2012 ARKANSAS FIRE PREVENTION CODE AND A.C.A. 12-80-101 ET. SEQ.

PRE-FABRICATED LIGHT GAUGE METAL TRUSS DESIGN LOADS:

ROOF TRUSSES

DEAD LOAD:	5 PSF (TOP CHORD) 5 PSF (BOTTOM CHORD)
COLLATERAL LOAD:	5 PSF (TOP CHORD) 5 PSF (BOTTOM CHORD)
LIVE LOAD:	20 PSF (NON-REDUCIBLE) TOP CHORD 5 PSF (NON- REDUCIBLE) BOTTOM CHORD
WIND LOAD:	(SEE DESIGN LOADS ABOVE) DO NOT USE COLLATERAL LOAD IN COMBINATION WITH WIND LOAD. TRUSSES SHALL BE DESIGNED FOR COMPONENTS & CLADDING WIND PRESSURES
SNOW LOAD	(SEE DESIGN LOADS ABOVE)
SEISMIC LOAD:	(SEE DESIGN LOADS ABOVE) DO NOT USE COLLATERAL LOAD IN COMBINATION WITH SEISMIC LOAD
CODES:	2021 ARKANSAS FIRE PREVENTION CODE A.C.A. 12-80-101 ET. SEQ. (ARKANSAS STATE LAW)

SPECIAL INSPECTION NOTES

1. SPECIAL INSPECTIONS SHALL BE REQUIRED IN ACCORDANCE WITH CHAPTER 17 OF THE BUILDING CODE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS WITH THE INSPECTION AGENTS.
2. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO PERFORM THE REQUIRED INSPECTION TO THE SATISFACTION OF THE BUILDING OFFICIAL.
3. THE SPECIAL INSPECTOR SHALL KEEP RECORDS OF INSPECTIONS. INSPECTION REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.
4. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK.
5. A FINAL REPORT OF INSPECTIONS DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES SHALL BE SUBMITTED TO THE OWNER, BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AT THE COMPLETION OF THE STRUCTURAL PORTION OF THE WORK.

CERTIFICATE OF AUTHORIZATION – ENGINEERING CONSULTANTS, INC. No. 26 – ARKANSAS-ENGINEER

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Phone No: (501) 376-3752
Fax No: (501) 376-7314

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 7263 JAMES R. BROWN
10-30-25

AIR MOBILITY COMMAND

Little Rock A.F.B Arkansas

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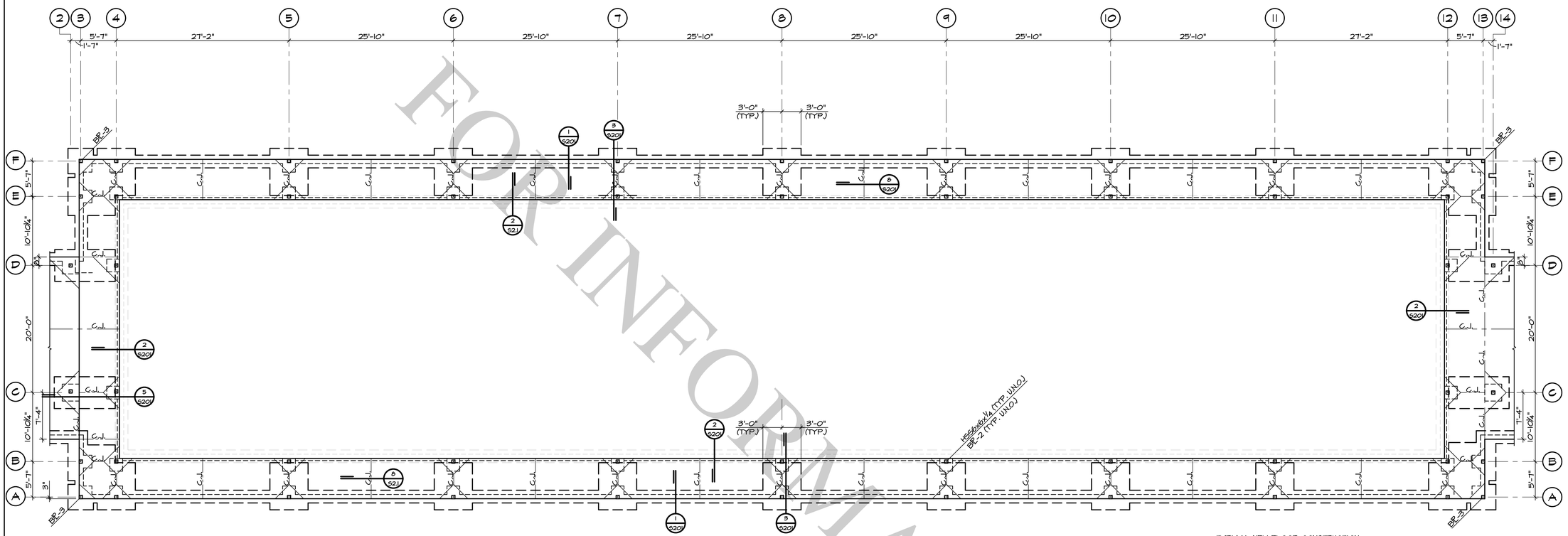
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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: **LITTLE ROCK AIR FORCE BASE REPAIR (R & M) AIRMEN DORM B860**

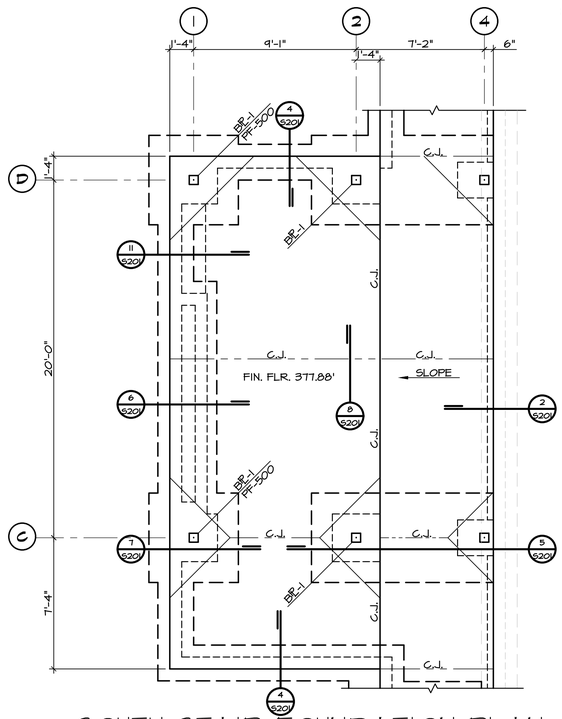
SHEET TITLE:

DRAWN BY:	LEAD DESIGNER:
REVIEWER:	PROJECT NUMBER: NKAK 23-1001
BY:	S100
DATE: 30 OCTOBER 2025	
SCALE:	21 of 108



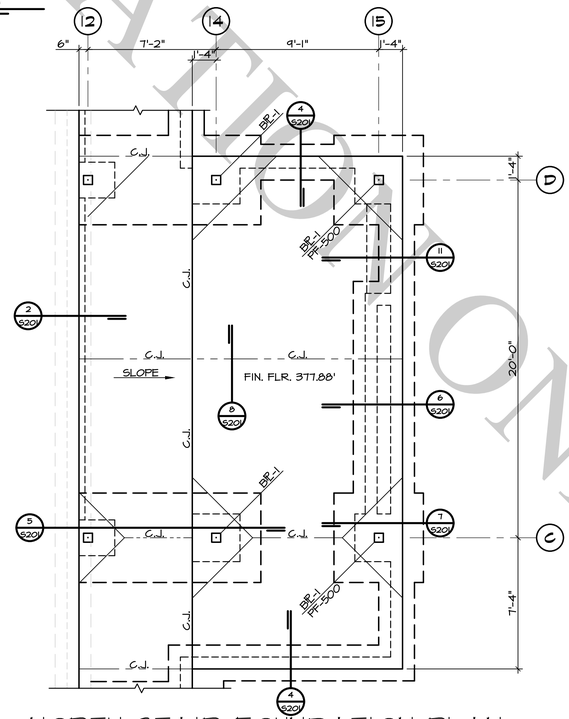
FOUNDATION PLAN

1/8"=1'-0"



SOUTH STAIR FOUNDATION PLAN

1/4"=1'-0"



NORTH STAIR FOUNDATION PLAN

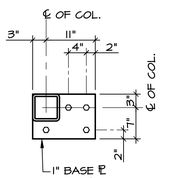
1/4"=1'-0"

TYPICAL NEW FLOOR CONSTRUCTION

4" CONCRETE SLAB W/ 6x6-W2.1xW2.1 W.W.F. ON (SEE ARCH) VAPOR BARRIER OVER 4" DRAINAGE FILL

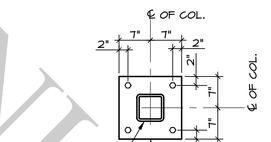
FIN. FLR. EL. = 382.58' = (0'-0") (FIELD VERIFY)

PAD FOOTING SCHEDULE		
MARK	SIZE (LxWxT)	REINFORCING
PF-500	5'-0"x5'-0"x1'-0"	(5) #6 EACH WAY (BOT.)



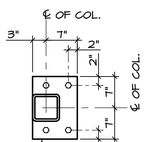
BASE P-3

3/4"=1'-0"



BASE P-1

3/4"=1'-0"



BASE P-2

3/4"=1'-0"

FOR INFORMATION ONLY

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CERTIFICATE OF AUTHORIZATION — ENGINEERING CONSULTANTS, INC. No. 26 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER No. 7263 — JESS R. BROWN — 10-30-25

Little Rock A.F.B
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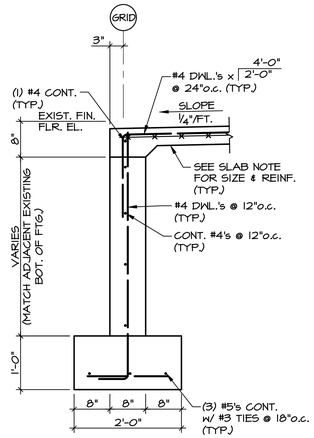
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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APPD

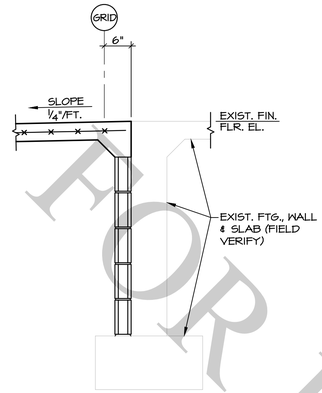
PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FOUNDATION PLAN

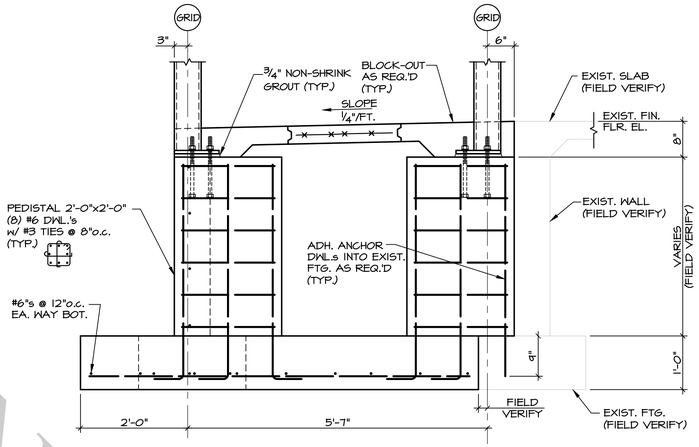
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BY:	S101
DATE: 30 OCTOBER 2025	
SCALE:	22 of 108



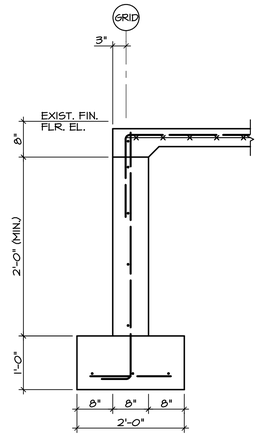
1 SECTION
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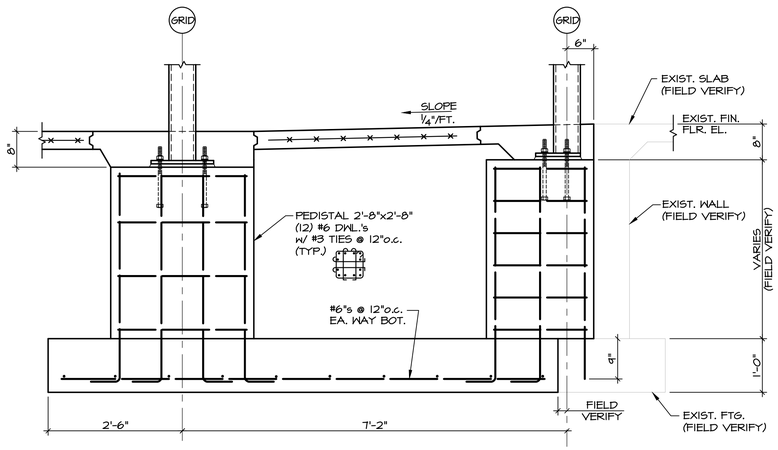
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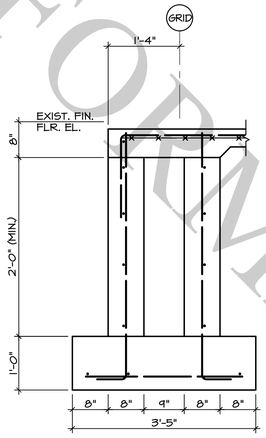
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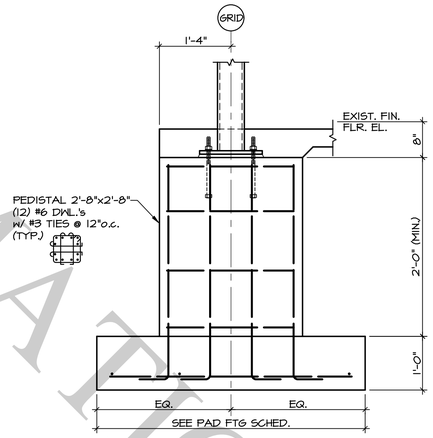
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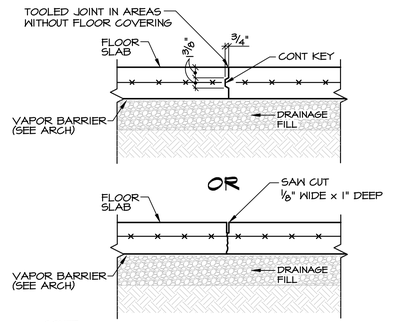
5 SECTION
3/4"=1'-0"



6 SECTION
3/4"=1'-0"

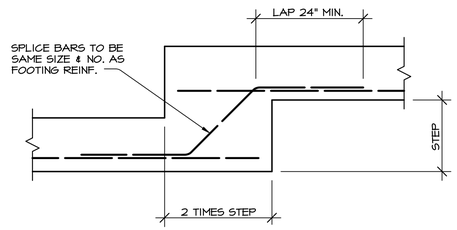


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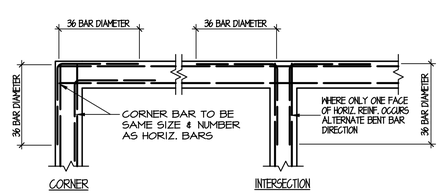


CONTR
IF SAW JOINTS ARE USED CONTRACTOR IS RESPONSIBLE FOR JOINTS CRACKING AS SHOWN ON PLAN AND DETAIL. SAWING JOINTS SHALL BEGIN AS SOON AS THE SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE TORN OR DAMAGED BY THE BLADE. SLABS MUST BE SAWN ON SAME DAY SLAB IS POURED. DO NOT ALLOW SLAB TO CURE OVERNIGHT BEFORE SAWING.

8 CONTROL JOINT DETAIL
N.T.S.

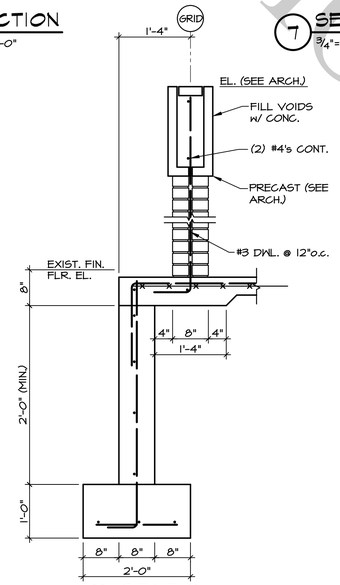


9 SECTION
3/4"=1'-0"



TYPICAL FOR: CONC. FOOTINGS
CONC. FILLED BONDBEAMS
THICKENED SLABS

10 SECTION
3/4"=1'-0"



11 SECTION
3/4"=1'-0"

FOR INFORMATION ONLY

Little Rock A.F.B
Arkansas

ALESSI KEYES CONSTRUCTION
10623 Maumelle Blvd
North Little Rock, AR 72113
501.225.6699
www.alessikeyes.com

LOCKEBY & ASSOCIATES.
ARCHITECTS / ENGINEERS - PLANNING - MANAGEMENT
113 N. Rodney Parham, Suite 310 Little Rock, AR 72212
Office 501.228.9800 / Fax 501.228.8663
www.lockeby.com

CIVIL ENGINEER:
CIVIL ENGINEER:
CHIEF OF OPERATIONS:
BIO ENVIRONMENTAL:
FIRE CHIEF:
SAFETY:
ENVIRONMENTAL:
CONSTRUCTION MANAGER:
PROGRAM MANAGER:
USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FOUNDATION DETAILS

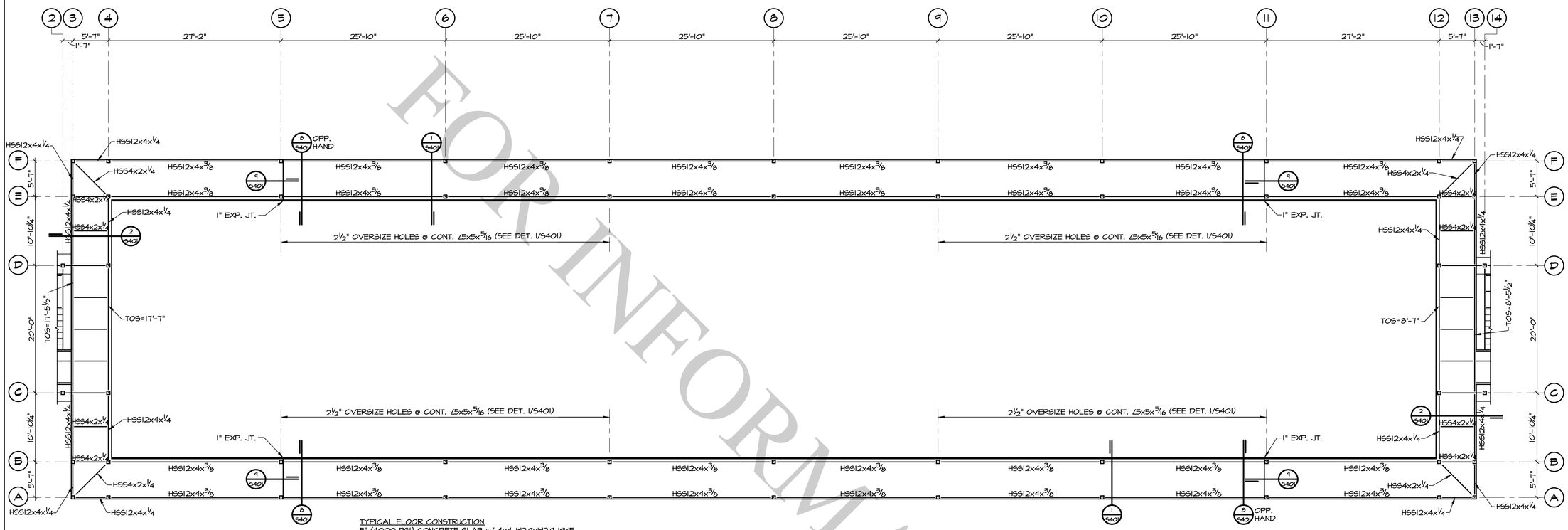
DRAWN BY:
LEAD DESIGNER:
REVIEWER:
PROJECT NUMBER: NKAK 23-1001
BY:
DATE: 30 OCTOBER 2025
SCALE:

S201
23 of 108

CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS-ENGINEER NOTIFIED

Engineering Consultants, Inc.
Structural Engineers
401 West Capitol Avenue, Suite 305
Little Rock, Arkansas 72201-3401
Phone No: (501) 376-3752
Fax No: (501) 376-7314

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 7283
JAMES R. BROWN
10-30-25



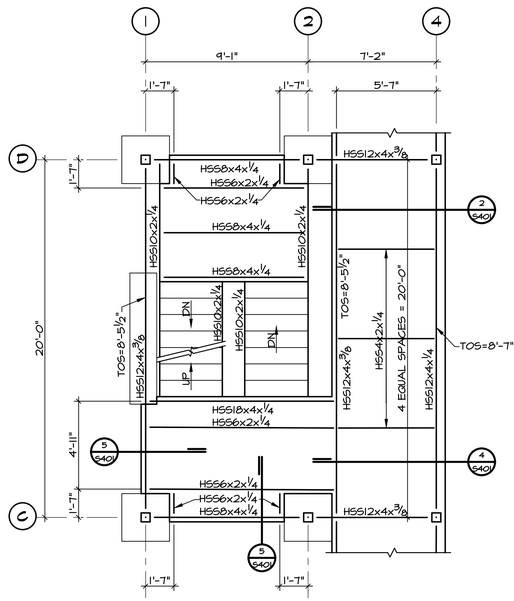
FOR INFORMATION ONLY

TYPICAL FLOOR CONSTRUCTION
5" (4000 PSI) CONCRETE SLAB w/ 4x4-W2.9xW2.9 WWF ON 1.5VL22 G90 GALVANIZED COMPOSITE FLOOR DECK. ATTACHED TO THE STRUCTURE WITH 5/8" DIAMETER PUDDLE WELDS AT 12" ON CENTER AT ALL SUPPORTS.

EXIST. FIN. FLR. EL. = (9'-0") (FIELD VERIFY)

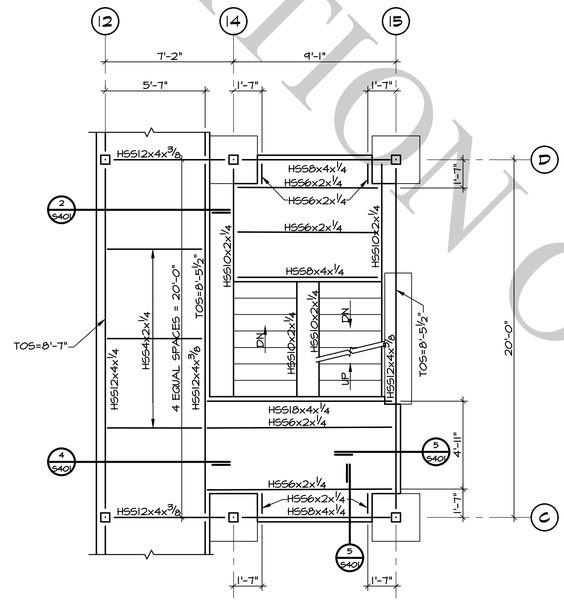
2ND FLOOR FRAMING PLAN

1/8"=1'-0"



SOUTH STAIR 2ND FLOOR FRAMING PLAN

1/4"=1'-0"



NORTH STAIR 2ND FLOOR FRAMING PLAN

1/4"=1'-0"

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Structural Engineers
401 West Capitol Avenue, Suite 305
Little Rock, Arkansas 72201-3401
Phone No: (501) 376-3752
Fax No: (501) 376-7314

CERTIFICATE OF AUTHORIZATION — ENGINEERING CONSULTANTS, INC. — No. 26 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 7263 — JAMES R. BROWN
10-30-25

Little Rock A.F.B
Arkansas

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North Little Rock, AR 72113
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113 N. Rodney Parham, Suite 310 Little Rock, AR 72212
Office 501.228.9000 / Fax 501.228.9063
www.lockeby.com

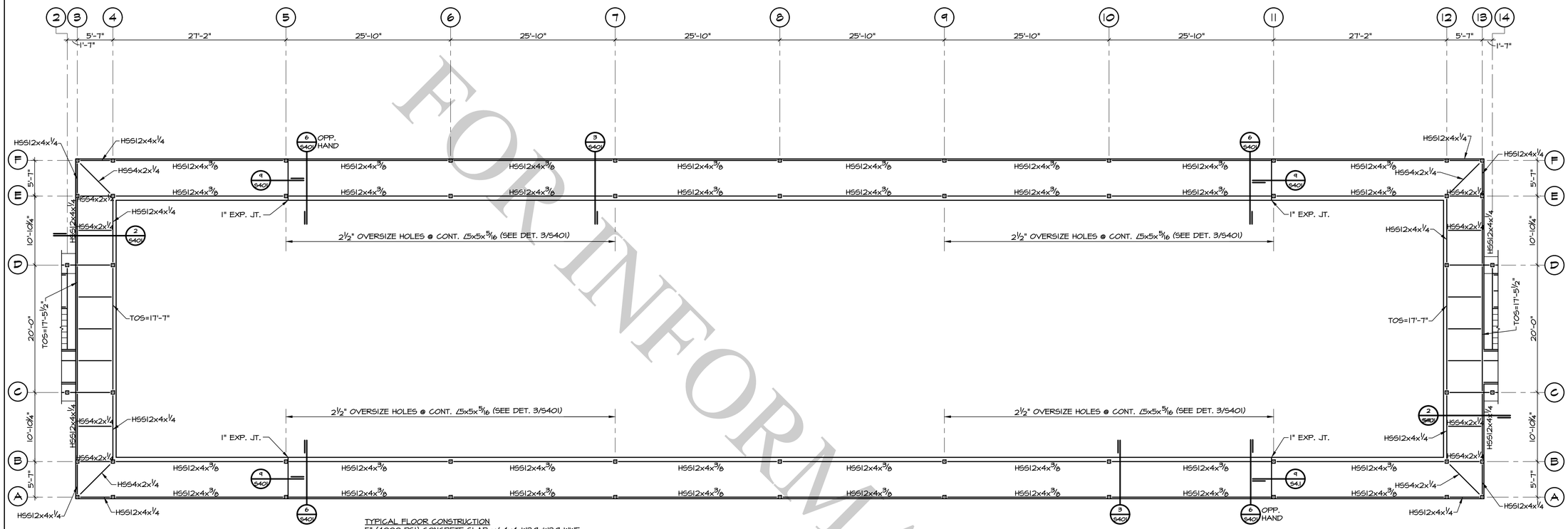
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
2ND FLOOR FRAMING PLAN

DRAWN BY:	LEAD DESIGNER:
REVIEWER:	PROJECT NUMBER: NKAK 23-1001
BY:	S301
DATE: 30 OCTOBER 2025	
SCALE:	24 of 108



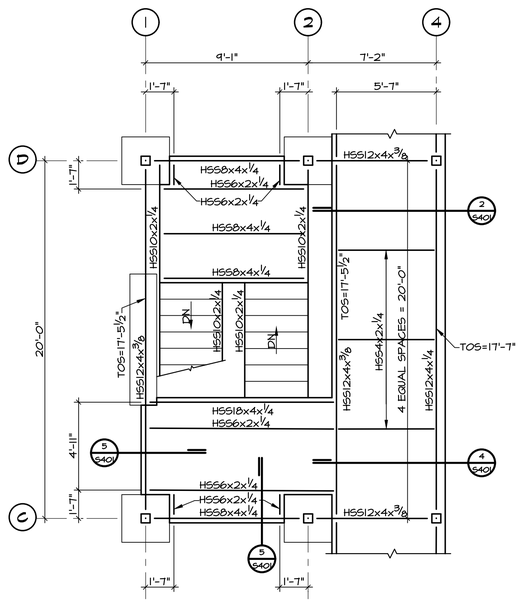
FOR INFORMATION ONLY

TYPICAL FLOOR CONSTRUCTION
5" (4000 PSI) CONCRETE SLAB w/ 4x4-W2.9xW2.9 WWF ON 1.5VL22 G90 GALVANIZED COMPOSITE FLOOR DECK. ATTACHED TO THE STRUCTURE WITH 5/8" DIAMETER PUDDLE WELDS AT 12" ON CENTER AT ALL SUPPORTS.

EXIST. FIN. FLR. EL. = (18'-0") (FIELD VERIFY)

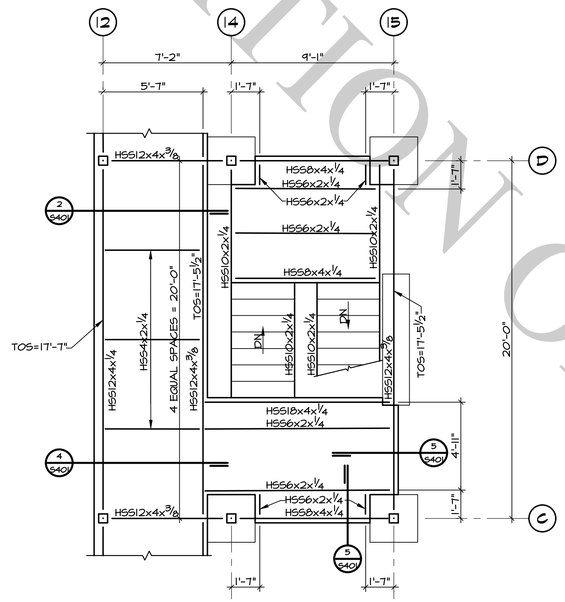
3RD FLOOR FRAMING PLAN

1/8"=1'-0"



SOUTH STAIR 3RD FLOOR FRAMING PLAN

1/4"=1'-0"



NORTH STAIR 3RD FLOOR FRAMING PLAN

1/4"=1'-0"

Engineering Consultants, Inc.
Structural Engineers
401 West Capitol Avenue, Suite 305
Little Rock, Arkansas 72201-3401
Phone No: (501) 376-3752
Fax No: (501) 376-7314

CERTIFICATE OF AUTHORIZATION — ENGINEERING CONSULTANTS, INC. No. 26 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 7283 — JAMES R. BROWN — 10-30-25

Little Rock A.F.B
Arkansas

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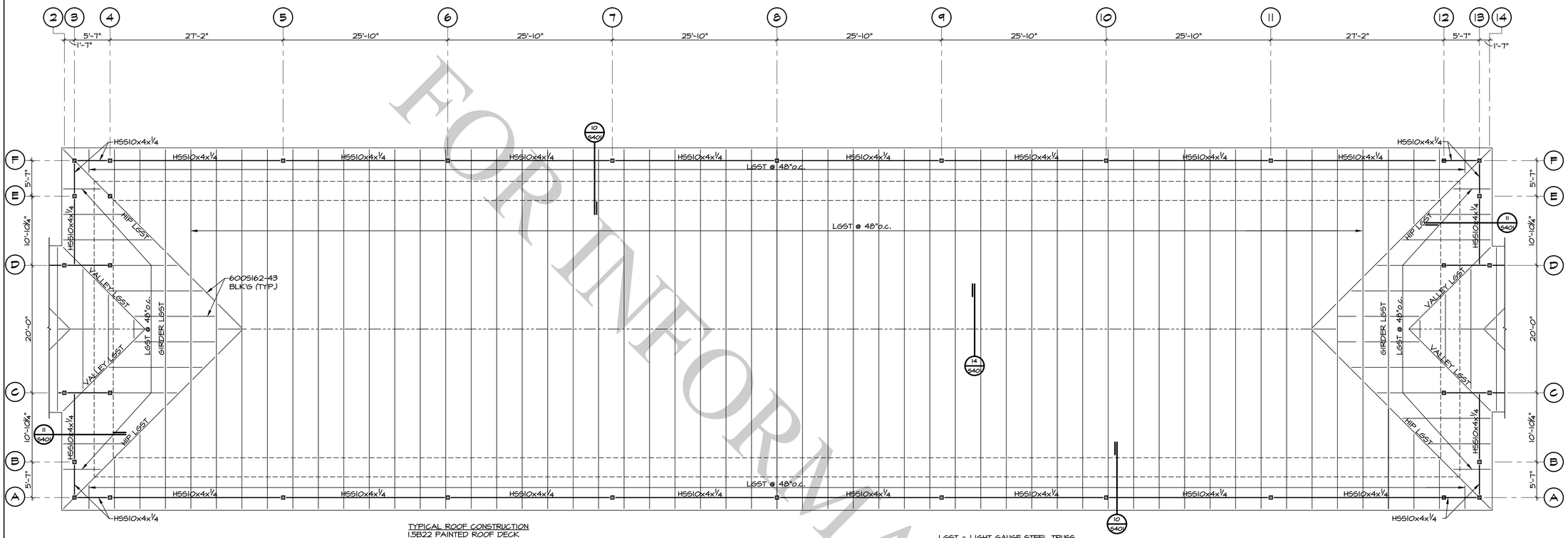
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: 3RD FLOOR FRAMING PLAN

DRAWN BY:	LEAD DESIGNER:
REVIEWER:	PROJECT NUMBER: NKAK 23-1001
BY:	S302
DATE: 30 OCTOBER 2025	
SCALE:	25 of 108

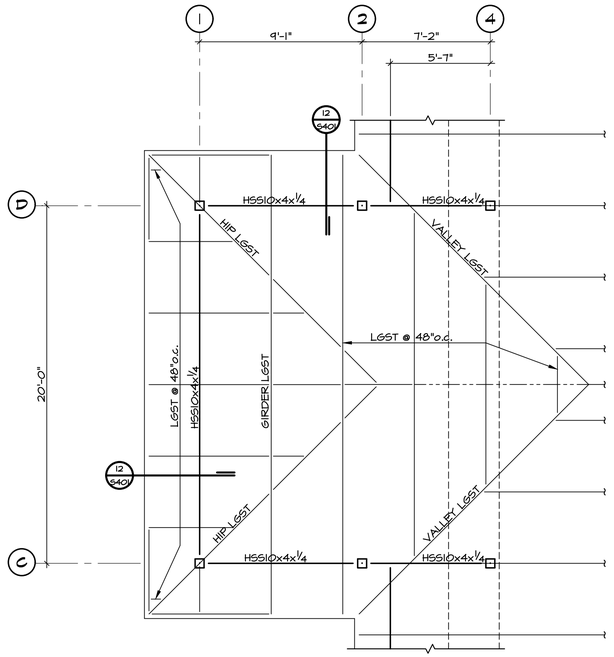


TYPICAL ROOF CONSTRUCTION
1.5B22 PAINTED ROOF DECK ATTACHED TO THE STRUCTURE WITH #10 TEK SCREWS IN A 36/4 PATTERN AND (4) #10 TEK SCREW SIDELAP FASTENERS BETWEEN SUPPORTS.

ROOF FRAMING PLAN

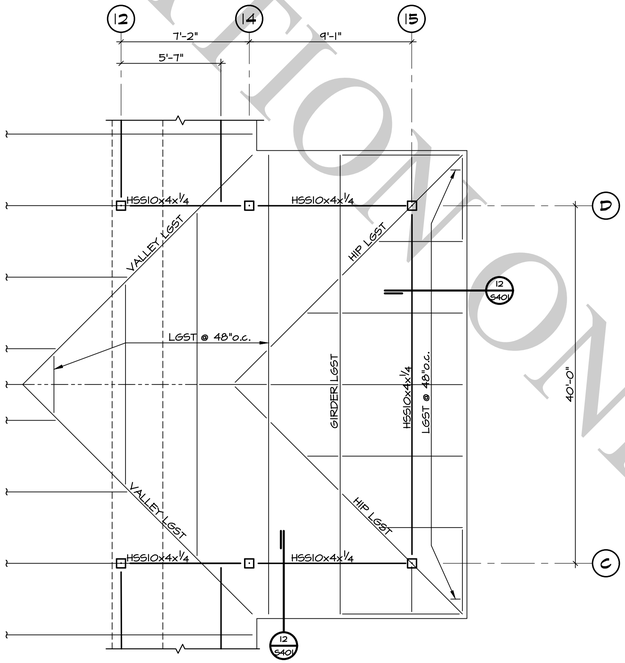
1/8"=1'-0"

LGST = LIGHT GAUGE STEEL TRUSS



SOUTH STAIR ROOF FRAMING PLAN

1/4"=1'-0"



NORTH STAIR ROOF FRAMING PLAN

1/4"=1'-0"

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Arkansas

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Office 501.228.9800 / Fax 501.228.9863
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CIVIL ENGINEER:
CIVIL ENGINEER:
CHIEF OF OPERATIONS:
BIO ENVIRONMENTAL:
FIRE CHIEF:
SAFETY:
ENVIRONMENTAL:
CONSTRUCTION MANAGER:
PROGRAM MANAGER:
USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:

DRAWN BY:
LEAD DESIGNER:
REVIEWER:
PROJECT NUMBER: NKAK 23-1001
BY:
DATE: 30 OCTOBER 2025
SCALE:

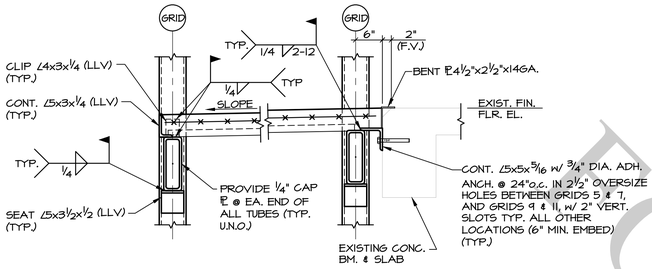
S303

26 of 108

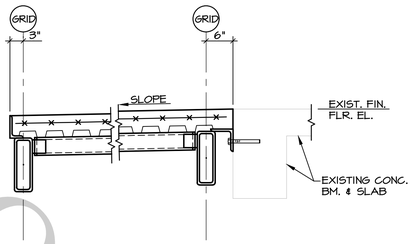
CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC. No. 26
ARKANSAS-ENGINEER, NOT LAW

Engineering Consultants, Inc.
Structural Engineers
401 West Capitol Avenue, Suite 305
Little Rock, Arkansas 72201-3401
Phone No: (501) 376-3752
Fax No: (501) 376-7314

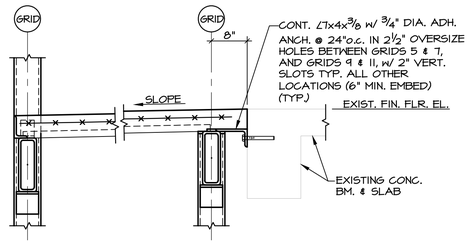
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 7263
JAMES R. BROWN
10-30-25



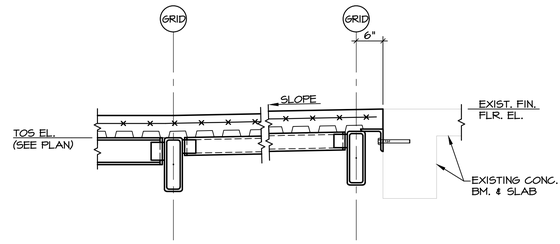
1 SECTION
3/4"=1'-0"



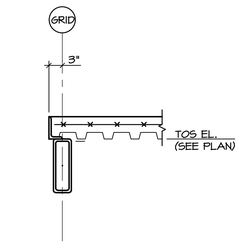
2 SECTION
3/4"=1'-0"



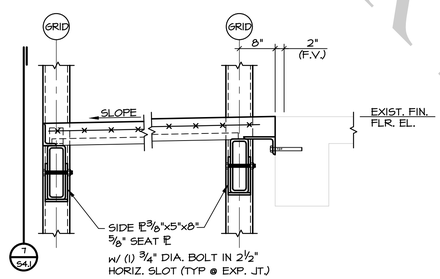
3 SECTION
3/4"=1'-0"



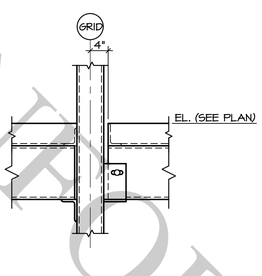
4 SECTION
3/4"=1'-0"



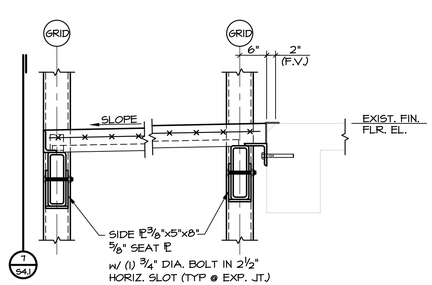
5 SECTION
3/4"=1'-0"



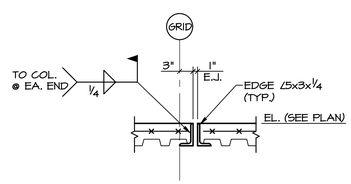
6 SECTION
3/4"=1'-0"



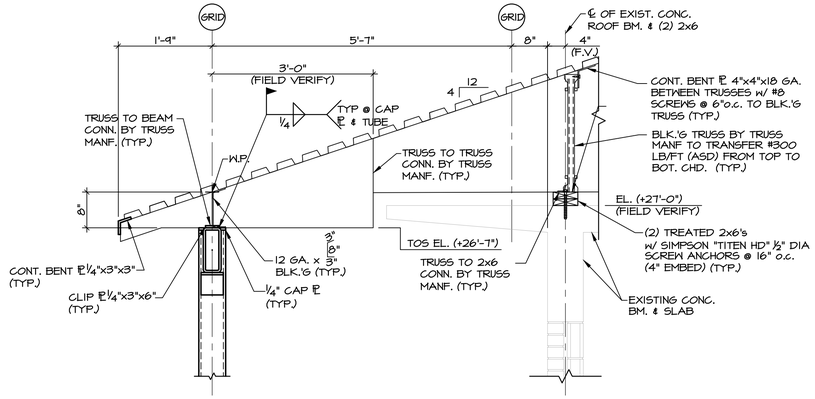
7 SECTION
3/4"=1'-0"



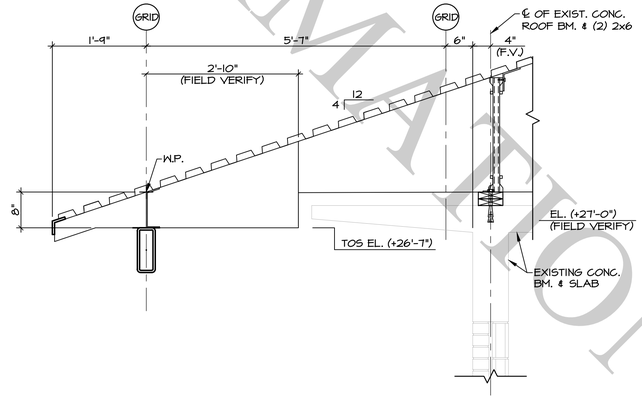
8 SECTION
3/4"=1'-0"



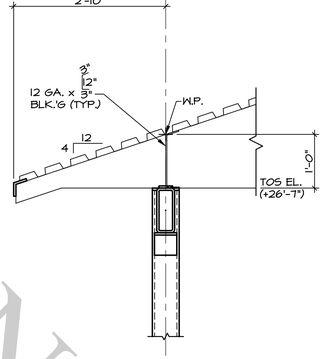
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3/4"=1'-0"



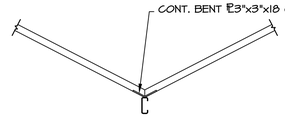
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3/4"=1'-0"



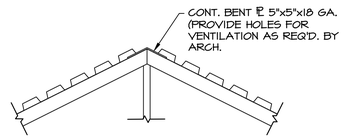
11 SECTION
3/4"=1'-0"



12 SECTION
3/4"=1'-0"



13 TYP. VALLEY DETAIL (HIP SIM.)
3/4"=1'-0"



14 TYP. RIDGE DETAIL
3/4"=1'-0"

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Arkansas

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10623 Maumelle Blvd
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113 N. Rodney Parham, Suite 310 Little Rock, AR 72212
Office 501.228.9800 / Fax 501.228.9863
www.lockeby.com

CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: **LITTLE ROCK AIR FORCE BASE**
REPAIR (R & M) AIRMEN DORM B860

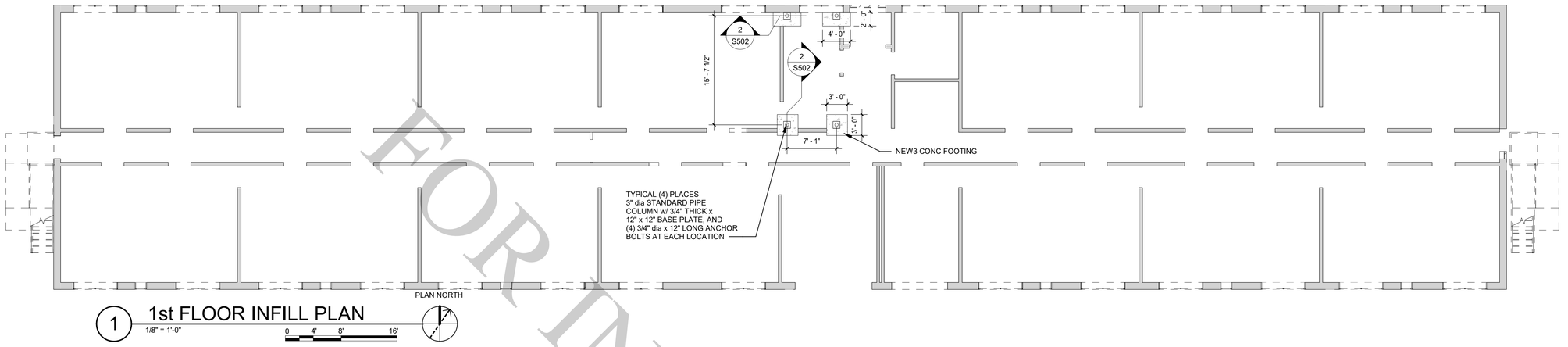
SHEET TITLE: FRAMING DETAILS

DRAWN BY:	LEAD DESIGNER:
REVIEWER:	PROJECT NUMBER: NKAK 23-1001
BY:	S401
DATE: 30 OCTOBER 2025	
SCALE:	27 of 108

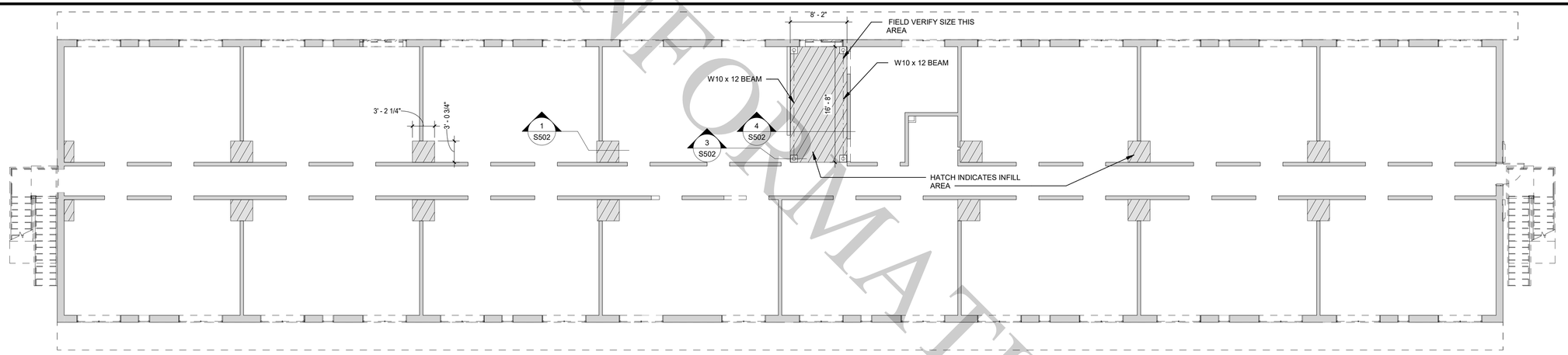
CERTIFICATE OF AUTHORIZATION ENGINEERING CONSULTANTS, INC. No. 26 ARKANSAS-ENGINEER-NO LIMIT

Engineering Consultants, Inc.
Structural Engineers
401 West Capitol Avenue, Suite 305
Little Rock, Arkansas 72201-3401
Phone No: (501) 376-3752
Fax No: (501) 376-7314

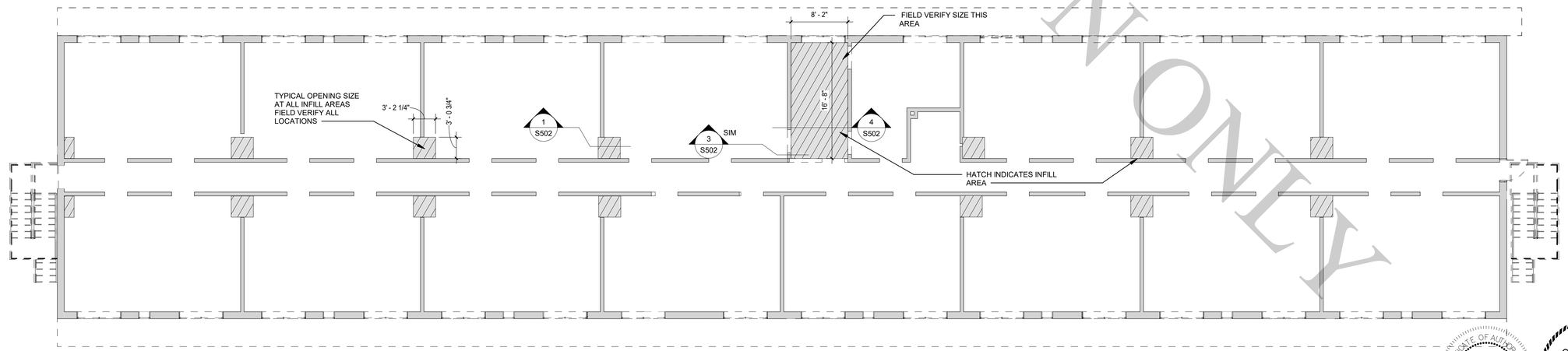
STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 7263 JAMES R. BROWN
10-30-25



1 1st FLOOR INFILL PLAN
1/8" = 1'-0"
0 4' 8' 16'



2 2nd FLOOR INFILL PLAN
1/8" = 1'-0"
0 4' 8' 16'



3 3rd FLOOR INFILL PLAN
1/8" = 1'-0"
0 4' 8' 16'

FOR INFORMATION ONLY

CERTIFICATE OF AUTHORITY
PHILLIP LEWIS ENGINEERING, INC.
No. 566
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9540
PHILLIP A. LEWIS

Little Rock A.F.B
Arkansas

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ARCHITECTS / ENGINEERS · PLANNING · MANAGEMENT
113 N. Rodney Parham, Suite 310 Little Rock, AR 72212
Office 501.228.9000 / Fax 501.228.9863
www.lockeby.com

PHILLIP LEWIS ENGINEERING, INC.
Structural + Civil Consultants
23620 Interstate 30 | Bryant, Arkansas
PH: 501-350-9840

CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

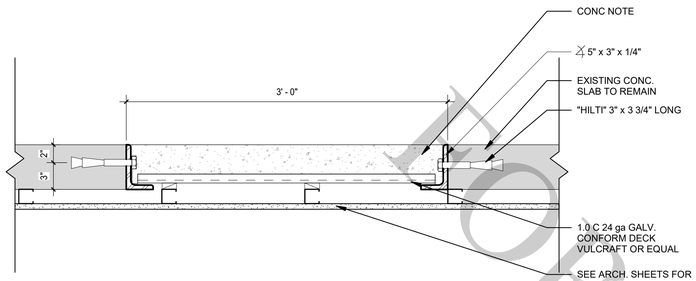
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
2nd & 3rd FLOOR INFILL PLAN

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	S501
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	28 of 108

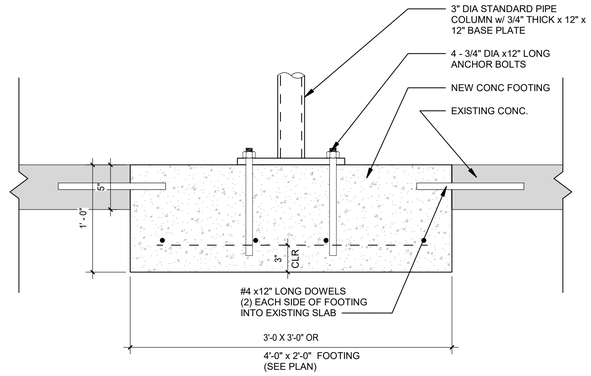
10/29/2025 4:38:00 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



1 CONCRETE IN FILL DETAIL

1 1/2" = 1'-0"

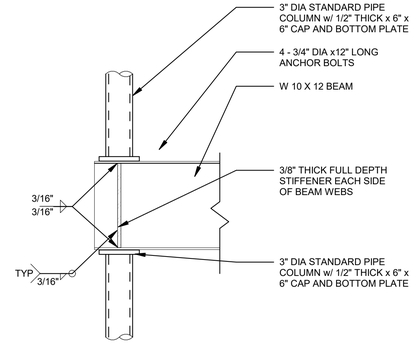
0 0.25' 0.5' 1' 1.5'



2 SECTION CONC FOOTING

1 1/2" = 1'-0"

0 0.25' 0.5' 1' 1.5'



3 BEAM DETAIL

1 1/2" = 1'-0"

0 0.25' 0.5' 1' 1.5'

4 SECTION AT EXISTING STAIR INFILL

1 1/2" = 1'-0"

0 0.25' 0.5' 1' 1.5'

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PLE
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Structural + Civil Consultants
23620 Interstate 30 | Bryant, Arkansas
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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

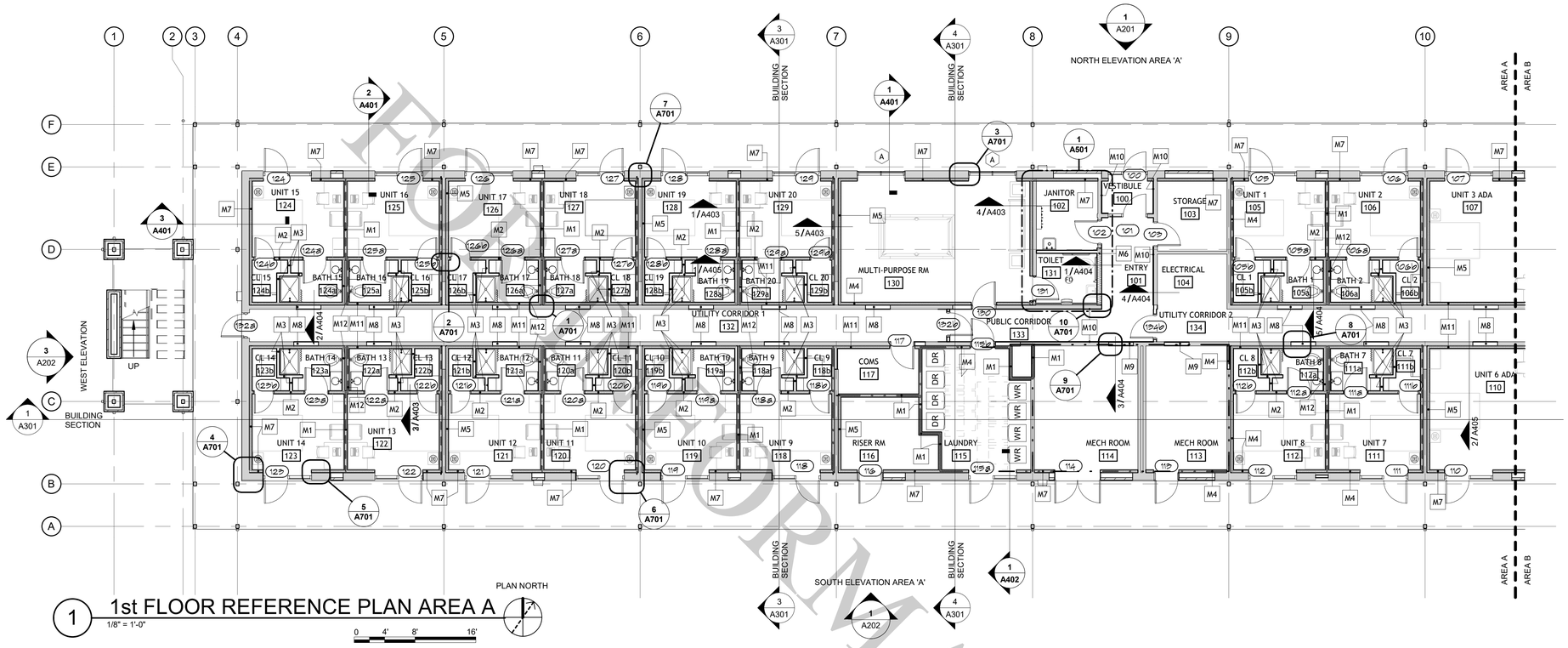
SHEET TITLE:
2nd & 3rd FLOOR INFILL DETAILS

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	S502
DATE: 30 October 2025	
SCALE: 1 1/2" = 1'-0"	29 of 108

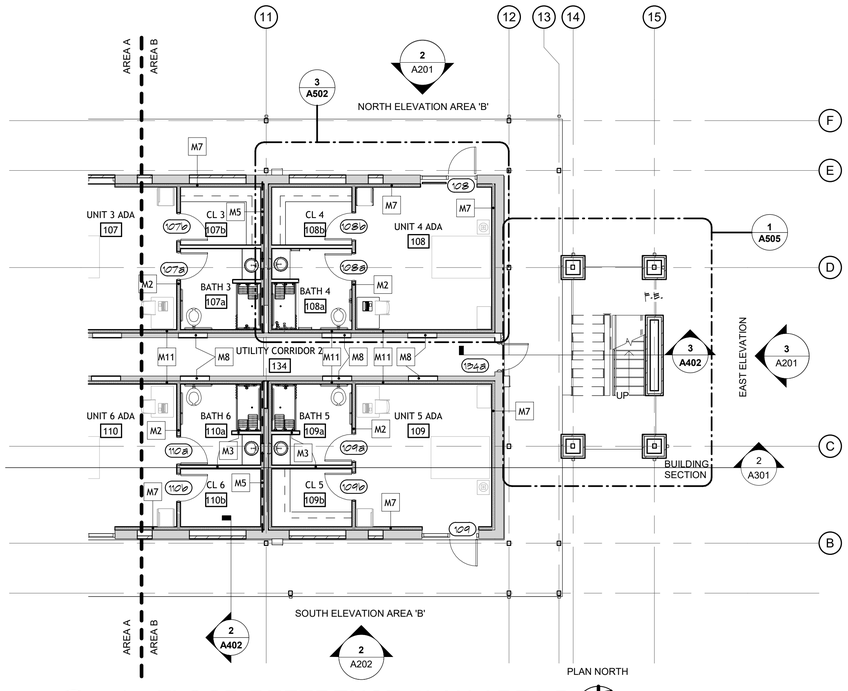
CERTIFICATE OF AUTHORIZATION — PHILLIP LEWIS ENGINEERING, INC. — No. 566 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 9540 — PHILLIP G. LEWIS

10/29/2025 4:38:00 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



1 1st FLOOR REFERENCE PLAN AREA A
1/8" = 1'-0"



2 1st FLOOR REFERENCE PLAN AREA B
1/8" = 1'-0"

INTERIOR PARTITION SCHEDULE

M1 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD "SILENTFX QC" BOTH SIDE TO BOTTOM OF DECK w/ MINERAL WOOL INSULATION (1 hr) UL U465 , STC 54

M2 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD BOTH SIDE TO BOTTOM OF DECK w/ BATT INSULATION, (@ BATHROOM SIDE OF WALL USE 5/8" CEMENTITIOUS BACKER BOARD IN-LIEU OF 5/8" GYP BD)

M3 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD BOTH SIDE TO BOTTOM OF DECK, (@ BATHROOM SIDE OF WALL USE 5/8" CEMENTITIOUS BACKER BOARD IN-LIEU OF 5/8" GYP BD).

M4 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP ONE SIDE TO BOTTOM OF DECK w/ BATT INSULATION,

M5 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP "SILENTFX" TO BOTTOM OF DECK w/ BATT MINERAL WOOL INSULATION (1 hr) UL493 STC 54.

M6 6" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD TYPE X BOTH SIDES TO BOTTOM OF DECK w/ BATT INSULATION (1 hr) UL 419

M7 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP ONE SIDE TO BOTTOM OF DECK w/ BATT INSULATION,

M8 6" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD ONE SIDE (INFILL)

M9 3 5/8" METAL STUDS @ 16" o.c. WITH (2) LAYERS 5/8" GYP BD BOTH SIDES (INFILL)

M10 1 1/2" METAL STUDS @ 16" o.c. FASTEN TO EXISTING WALL WITH 5/8" GYP BD

M11 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD TYPE X TO BOTTOM OF DECK w/ BATT INSULATION, (@ BATHROOM SIDE OF WALL USE 5/8" CEMENTITIOUS BACKER BOARD IN-LIEU OF 5/8" GYP BD) FIRE CAULK ALL PENETRATIONS. 20 min FIRE RATING. UL# W411

M12 2- 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" CEMENTITIOUS BACKER BOARD TO BOTTOM OF DECK w/ MINERAL WOOL INSULATION ONE WALL (1 hr) UL493 STC 54.

GENERAL NOTES:

1. MOUNT THERMOSTATS 54" A.F.F. MAX.
2. ALL SWITCHES TO BE MOUNTED NO HIGHER THAN 48" A.F.F.
3. DOOR HDWR TO MEET THE ADA REQUIREMENTS AT ADA UNITS AND FIRST FLOOR PUBLIC SPACES.
4. MT INDICATED METAL THRESHOLD, PROVIDE AT ALL EXTERIOR DOORS ALL TO MEET ADA.
5. A.T.P INDICATES ADA TRAP PROTECTIONS, PROVIDE ON ALL EXPOSED SINK/LAV TRAPS.
6. FLUSH VALVES ON ACCESSIBLE TOILETS ARE TO BE MOUNTED TO THE OPEN SIDE OF THE ROOM/STALL.
7. PROVIDE FIELD PAINTING OF ALL EXPOSED CONDUIT, GAS PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN-PAINT IT.
8. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP OR MILLWORK.
9. "CJ" INDICATES SPECIFIC LOCATIONS OF CONTROL JOINTS. LOCATIONS ARE NOT LIMITED TO AREAS INDICATED, SEE SPECS FOR DESCRIPTION OF METHODS AND LOCATIONS.
10. MEASUREMENTS HAVE BEEN MADE AS ACCURATELY AS POSSIBLE. CONTRACTOR TO VERIFY DIMENSION IN THE FIELD TO CONFIRM WHERE EXACT DIMENSIONS ARE REQUIRED.
11. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS." INCLUDE UL NUMBERS TYPICAL ALL RATED WALLS.
12. PROVIDE AND INSTALL CORNER GUARDS AT ALL OUTSIDE CORNERS IN PUBLIC AREAS. CORNER GUARDS SHALL BE 2" x 2" ON EXTRUDED ALUM. BRACKET FROM FLOOR TO CEILING. SIMILAR TO KOROGUARD G100/G10E.
13. PROVIDE AND INSTALL 2" WIDE MIN. EXTRUDED ALUM. TRANSITION THRESHOLDS AT ALL FLOOR FINISHES CHANGES. TRANSITIONS THRESHOLDS SHALL BE MECHANICALLY AND ADHESIVELY ATTACHED.
14. REFER TO DETAIL 6/A502 FOR COORDINATION OF CEILING FAN, DIFFUSER, RETURN, FIRE ALARM, SMOKE DETECTOR AND SPRINKLER HEAD
15. ALL PAINTED GYP BD WALLS AND CEILING TO RECEIVED LEVEL 4 FINISH.
16. ALL WALLS WITH TILE ARE TO HAVE 5/8" CEMENTITIOUS BACKER BOARD

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

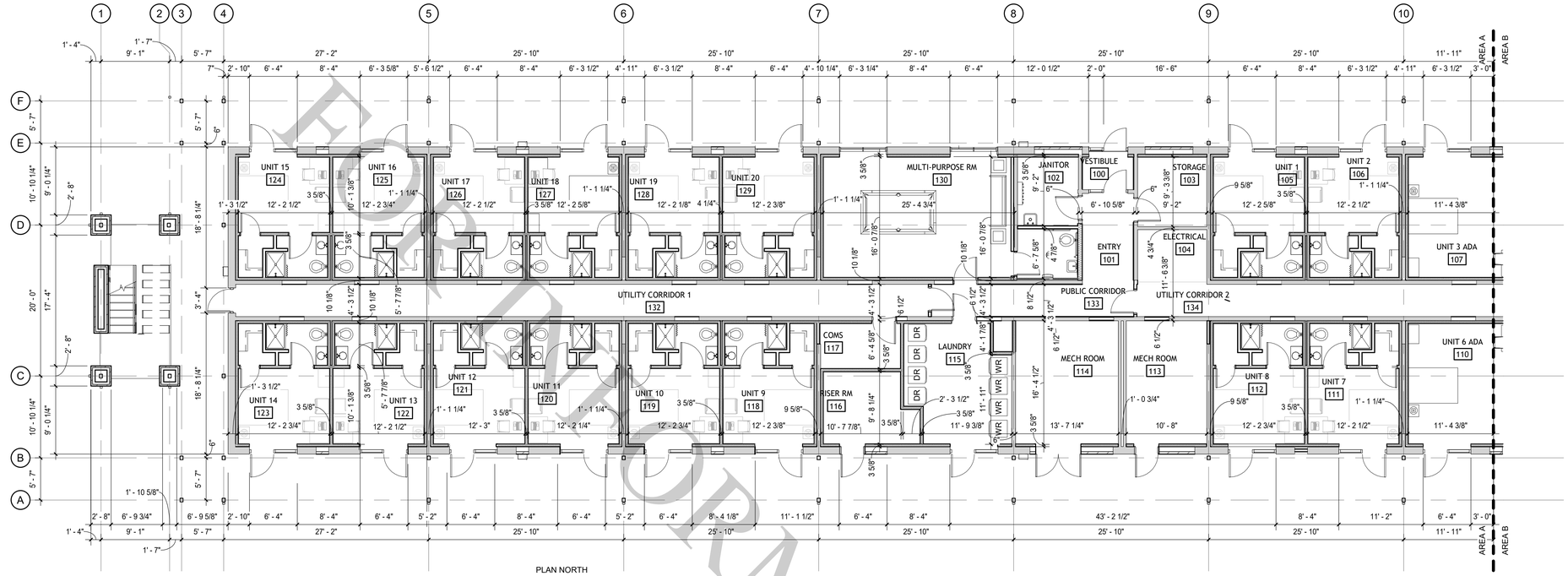
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: FIRST FLOOR REFERENCE PLAN

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A101
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	30 of 108

10/29/2025 4:37:06 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt

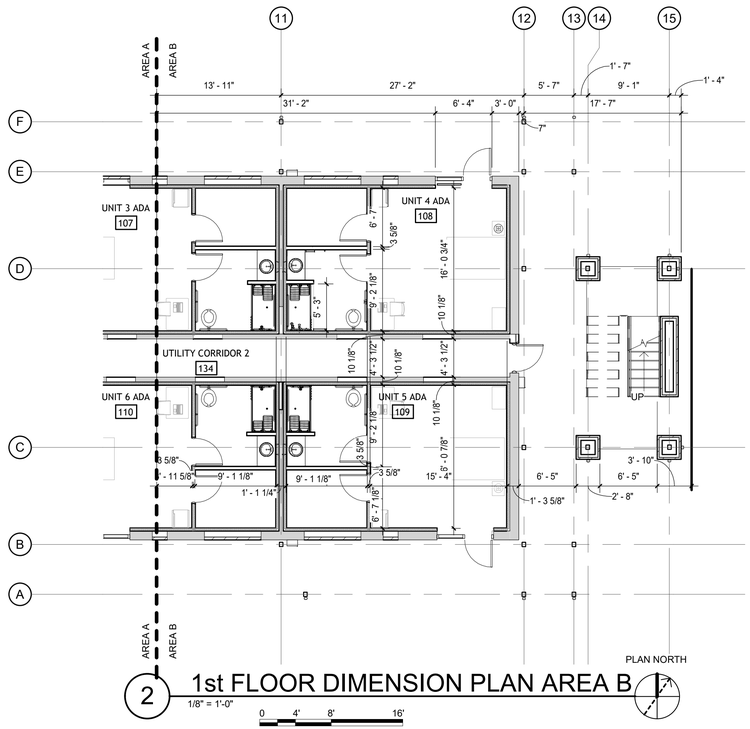


1 1st FLOOR DIMENSION PLAN AREA A
1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

GENERAL NOTE:
CONTRACTOR TO FIELD VERIFY DIMENSIONS, COORDINATE WITH ARCHITECT ANY UNFORESEEN SEEABLE DISCREPANCY



2 1st FLOOR DIMENSION PLAN AREA B
1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

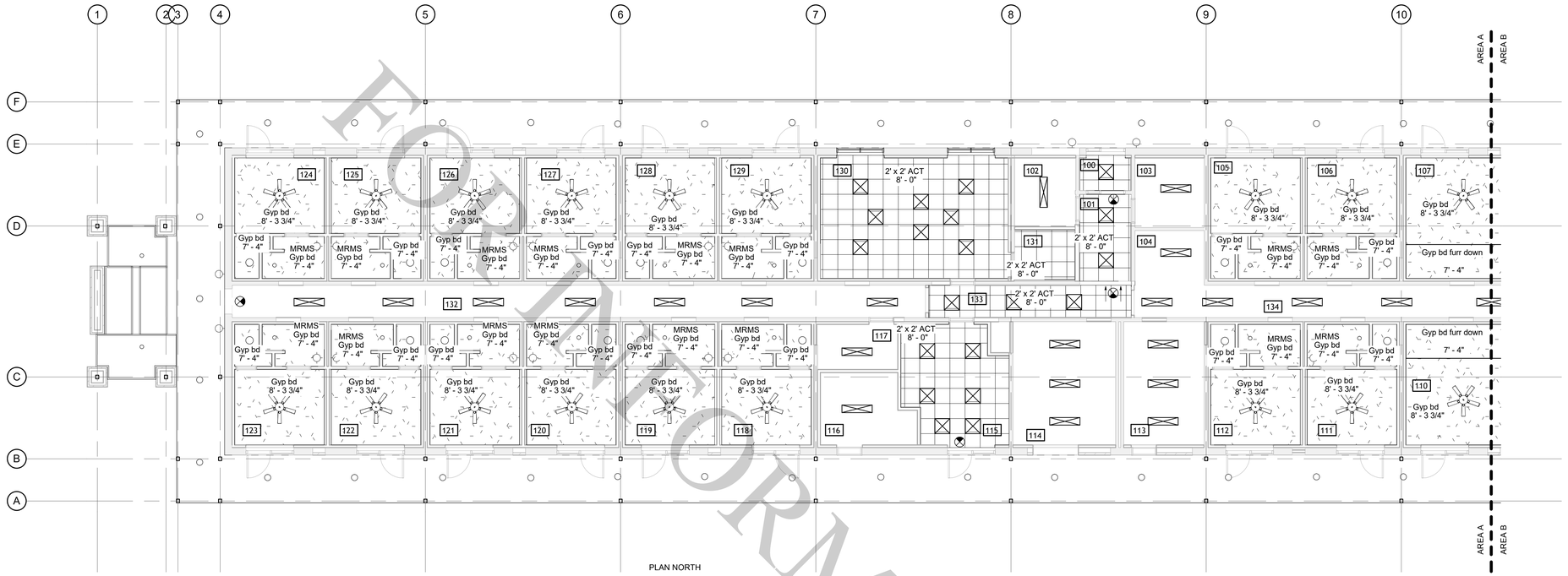
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FIRST FLOOR DIMENSION PLAN

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A102
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	31 of 108

10/29/2025 4:37:07 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt

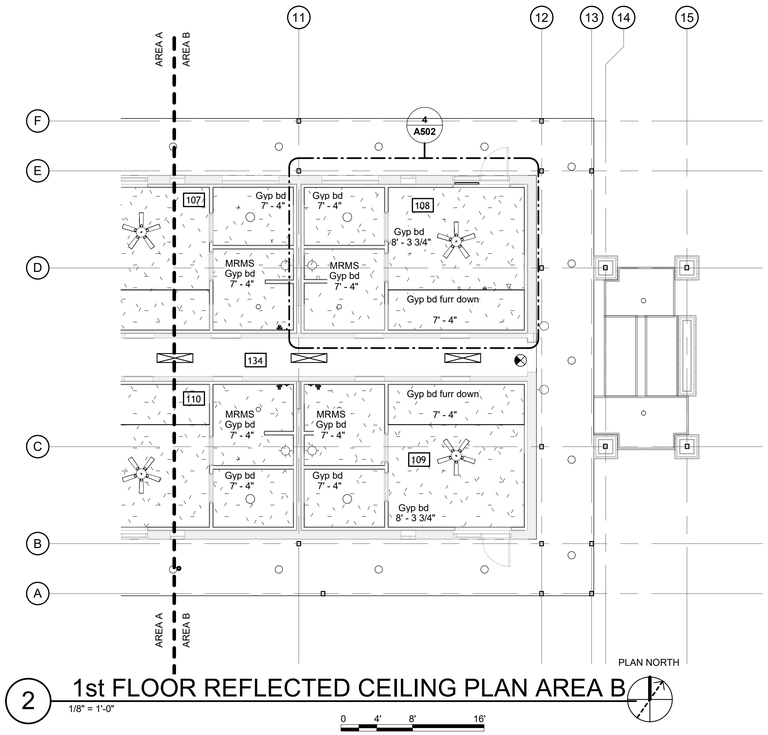


1 1st FLOOR REFLECTED CEILING PLAN AREA A

1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'



2 1st FLOOR REFLECTED CEILING PLAN AREA B

1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

FIXTURE LEGEND

- CEILING FAN
- LED DOWN LIGHT
- 2 X 2 LED FIXTURE
- 4 LED STRIP
- EXIT SIGN

GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR EXACT FIXTURE COUNT, TYPE AND LOCATION. INCLUDING EXITING DEVICES.
2. ALL FIXTURES, DEVICES, SPRINKLER HEADS, ETC. MOUNTED IN CEILING TILE ARE TO BE CENTER OF TILE.
3. SEE SHEET A603 AND A604 FOR CEILING MATERIALS FINISH SCHEDULE.
4. REFER TO SHEET A502 FOR CEILING FAN EXACT LOCATION.
5. REFER TO DETAIL 6//A502 FOR COORDINATION OF CEILING FAN, DIFFUSER, RETURN, FIRE ALARM, SMOKE DETECTOR AND SPRINKLER HEAD

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

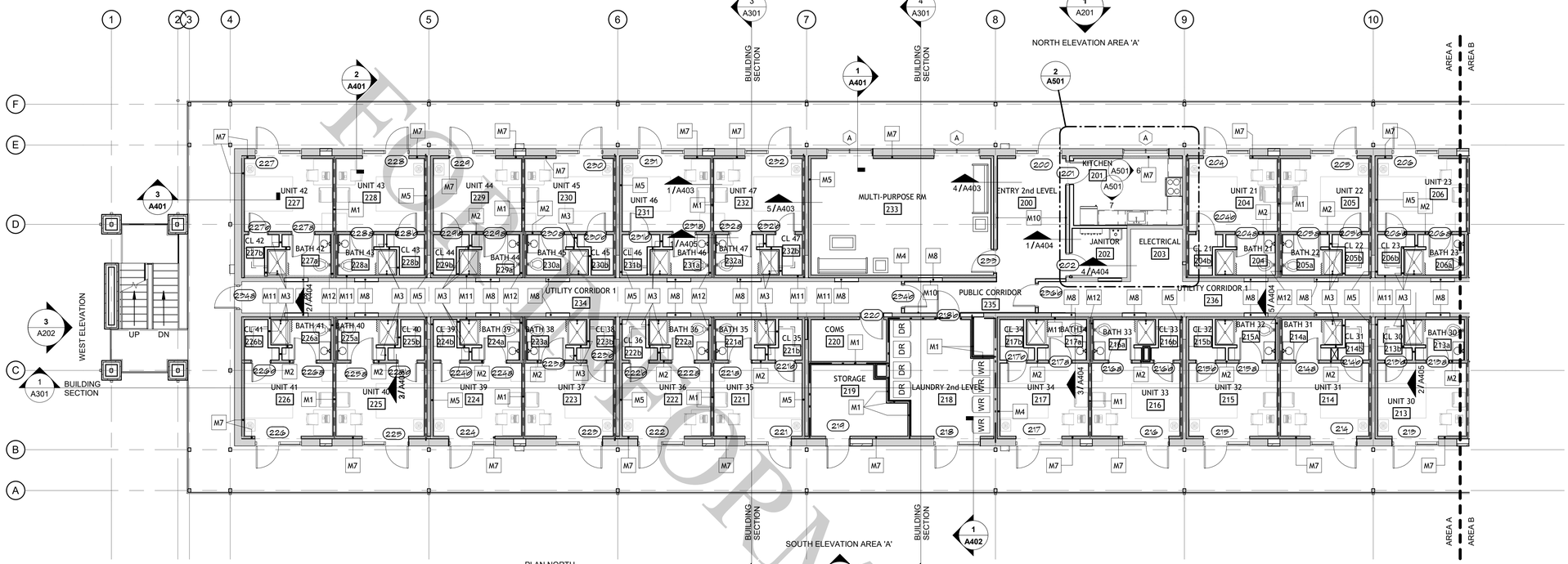
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

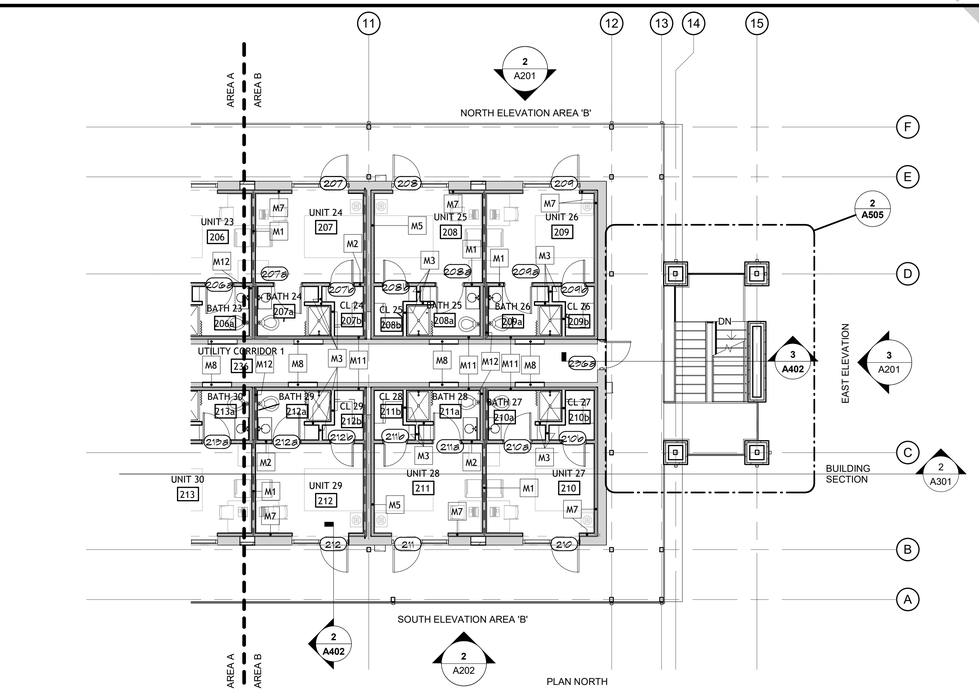
SHEET TITLE:
FIRST FLOOR REFLECTED CEILING PLAN

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A103
DATE: 30 October 2025	
SCALE: As indicated	32 of 108

10/29/2025 4:37:08 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



1 2nd FLOOR REFERENCE PLAN AREA A
1/8" = 1'-0"



2 2nd FLOOR REFERENCE PLAN AREA B
1/8" = 1'-0"

INTERIOR PARTITION SCHEDULE

M1 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD "SILENTFX QC" BOTH SIDE TO BOTTOM OF DECK w/ MINERAL WOOL INSULATION (1 hr) UL U465 , STC 54

M2 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD BOTH SIDE TO BOTTOM OF DECK w/ BATT INSULATION, (@ BATHROOM SIDE OF WALL USE 5/8" CEMENTITIOUS BACKER BOARD IN-LIEU OF 5/8" GYP BD)

M3 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD BOTH SIDE TO BOTTOM OF DECK, (@ BATHROOM SIDE OF WALL USE 5/8" CEMENTITIOUS BACKER BOARD IN-LIEU OF 5/8" GYP BD).

M4 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP ONE SIDE TO BOTTOM OF DECK w/ BATT INSULATION,

M5 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP "SILENTFX" TO BOTTOM OF DECK w/ BATT MINERAL WOOL INSULATION (1 hr) UL493 STC 54.

M6 6" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD TYPE X BOTH SIDES TO BOTTOM OF DECK w/ BATT INSULATION (1 hr) UL 419

M7 6" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD BOTH SIDES TO BOTTOM OF DECK

M8 6" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD ONE SIDE (INFILL)

M9 3 5/8" METAL STUDS @ 16" o.c. WITH (2) LAYERS 5/8" GYP BD BOTH SIDES (INFILL)

M10 1 1/2" METAL STUDS @ 16" o.c. FASTEN TO EXISTING WALL WITH 5/8" GYP BD

M11 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD TYPE X TO BOTTOM OF DECK w/ BATT INSULATION, (@ BATHROOM SIDE OF WALL USE 5/8" CEMENTITIOUS BACKER BOARD IN-LIEU OF 5/8" GYP BD) FIRE CAULK ALL PENETRATIONS. 20 min FIRE RATING. UL# W411

M12 2- 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" CEMENTITIOUS BACKER BOARD TO BOTTOM OF DECK w/ MINERAL WOOL INSULATION ONE WALL (1 hr) UL493 STC 54.

GENERAL NOTES:

1. MOUNT THERMOSTATS 54" A.F.F. MAX.
2. ALL SWITCHES TO BE MOUNTED NO HIGHER THAN 48" A.F.F.
3. DOOR HDWR TO MEET THE ADA REQUIREMENTS AT ADA UNITS AND FIRST FLOOR PUBLIC SPACES.
4. MT INDICATED METAL THRESHOLD, PROVIDE AT ALL EXTERIOR DOORS ALL TO MEET ADA.
5. A.T.P INDICATES ADA TRAP PROTECTIONS, PROVIDE ON ALL EXPOSED SINK/LAV TRAPS.
6. FLUSH VALVES ON ACCESSIBLE TOILETS ARE TO BE MOUNTED TO THE OPEN SIDE OF THE ROOM/STALL.
7. PROVIDE FIELD PAINTING OF ALL EXPOSED CONDUIT, GAS PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN-PAINT IT.
8. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP OR MILLWORK.
9. "CJ" INDICATES SPECIFIC LOCATIONS OF CONTROL JOINTS. LOCATIONS ARE NOT LIMITED TO AREAS INDICATED, SEE SPECS FOR DESCRIPTION OF METHODS AND LOCATIONS.
10. MEASUREMENTS HAVE BEEN MADE AS ACCURATELY AS POSSIBLE. CONTRACTOR TO VERIFY DIMENSION IN THE FIELD TO CONFIRM WHERE EXACT DIMENSIONS ARE REQUIRED.
11. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS." INCLUDE UL NUMBERS TYPICAL ALL RATED WALLS.
12. PROVIDE AND INSTALL CORNER GUARDS AT ALL OUTSIDE CORNERS IN PUBLIC AREAS. CORNER GUARDS SHALL BE 2" x 2" ON EXTRUDED ALUM. BRACKET FROM FLOOR TO CEILING. SIMILAR TO KOROGUARD G100/G10E.
13. PROVIDE AND INSTALL 2" WIDE MIN. EXTRUDED ALUM. TRANSITION THRESHOLDS AT ALL FLOOR FINISHES CHANGES. TRANSITIONS THRESHOLDS SHALL BE MECHANICALLY AND ADHESIVELY ATTACHED.
14. REFER TO DETAIL 6//A502 FOR COORDINATION OF CEILING FAN, DIFFUSER, RETURN, FIRE ALARM, SMOKE DETECTOR AND SPRINKLER HEAD
15. ALL PAINTED GYP BD WALLS AND CEILING TO RECEIVED LEVEL 4 FINISH
16. ALL WALLS WITH TILE ARE TO HAVE 5/8" CEMENTITIOUS BACKER BOARD

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

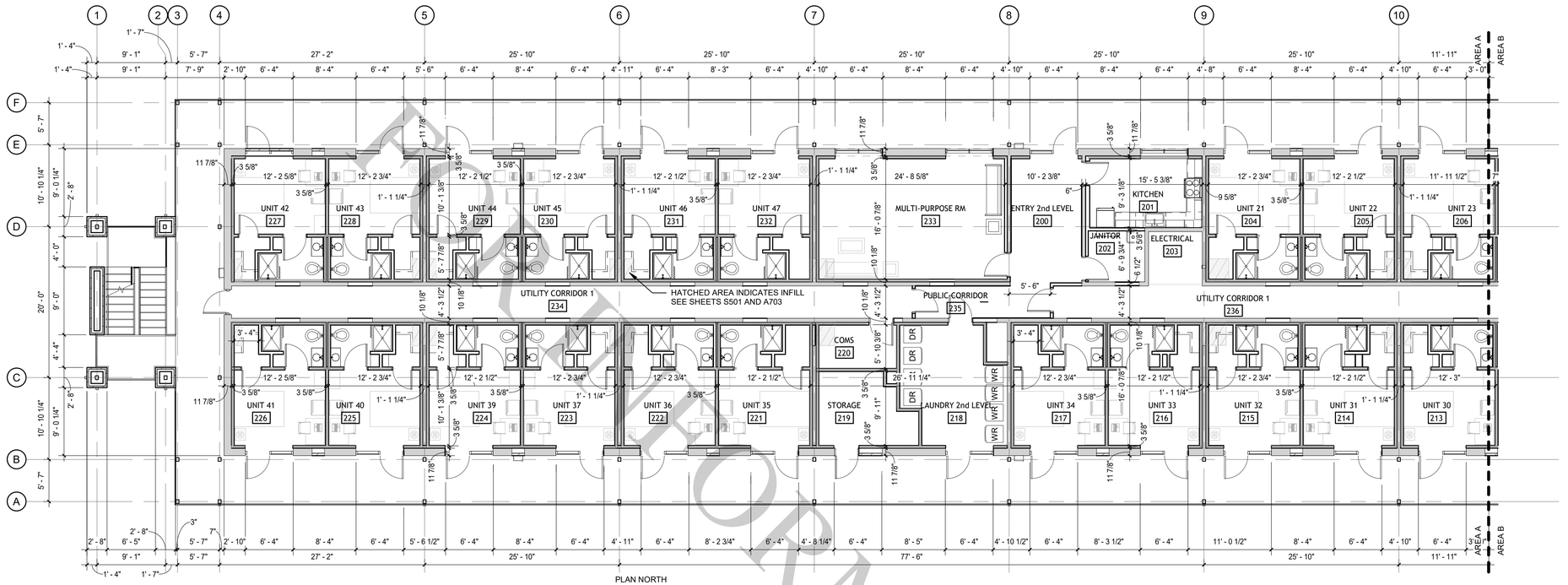
MARK	DESCRIPTION	DATE	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
SECOND FLOOR REFERENCE PLAN

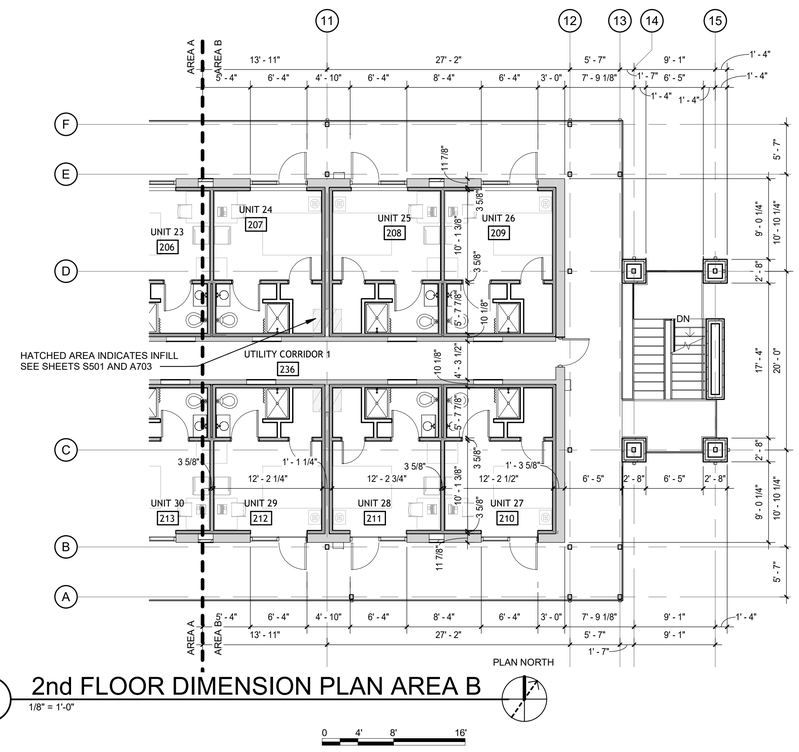
DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A104
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	33 of 108

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1 2nd FLOOR DIMENSION PLAN AREA A
1/8" = 1'-0"

GENERAL NOTE:
CONTRACTOR TO FIELD VERIFY DIMENSIONS, COORDINATE WITH ARCHITECT ANY UNFORESEEN SEEABLE DISCREPANCY



2 2nd FLOOR DIMENSION PLAN AREA B
1/8" = 1'-0"

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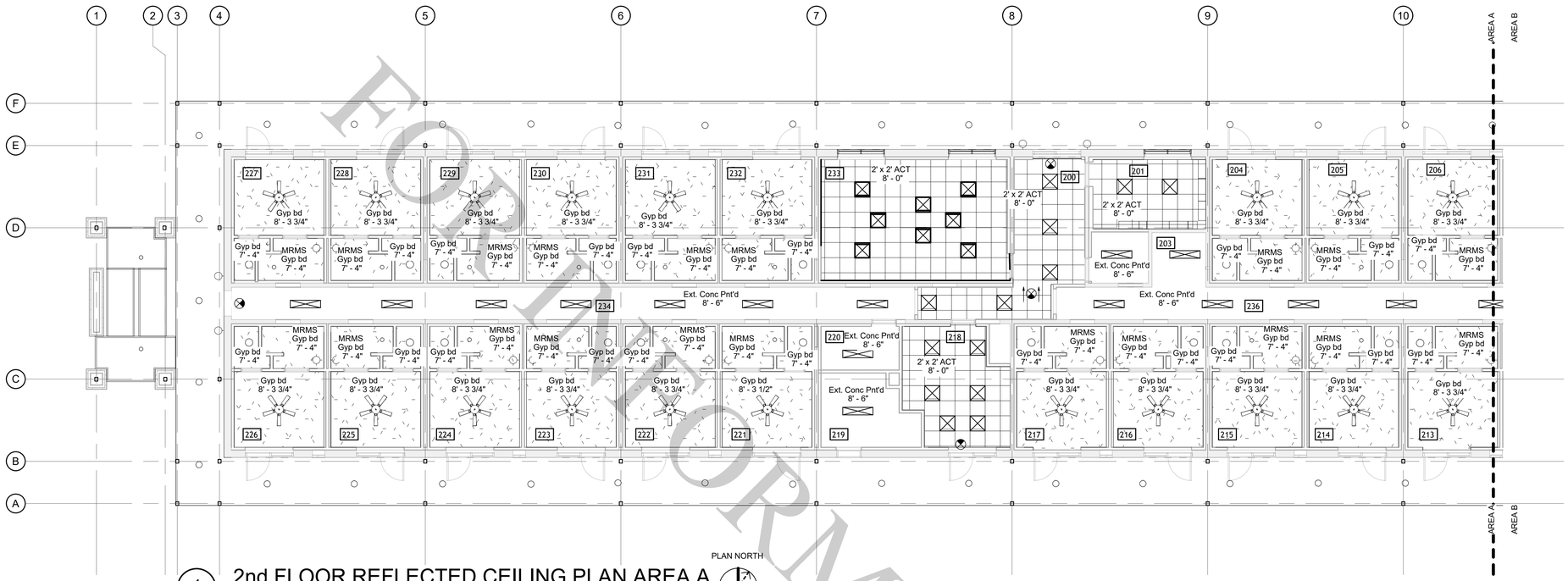
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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
SECOND FLOOR DIMENSION PLAN

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A105
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	34 of 108

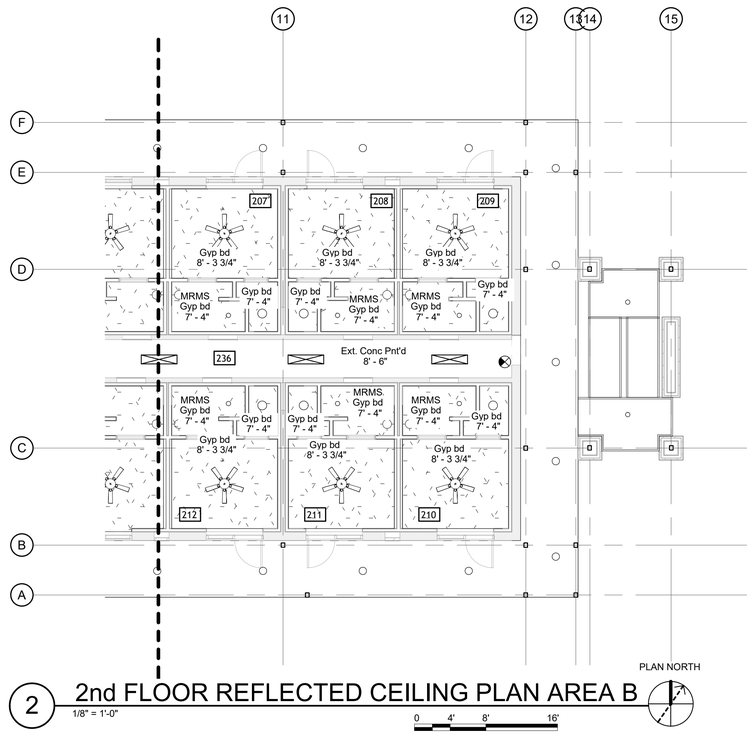


1 2nd FLOOR REFLECTED CEILING PLAN AREA A

1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'



2 2nd FLOOR REFLECTED CEILING PLAN AREA B

1/8" = 1'-0"

PLAN NORTH

0 4' 8' 16'

FIXTURE LEGEND

- CEILING FAN
- LED DOWN LIGHT
- 2 X 2 LED FIXTURE
- 4 LED STRIP
- EXIT SIGN

GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR EXACT FIXTURE COUNT, TYPE AND LOCATION. INCLUDING EXITING DEVICES.
2. ALL FIXTURES, DEVICES, SPRINKLER HEADS, ETC. MOUNTED IN CEILING TILE ARE TO BE CENTER OF TILE.
3. SEE SHEET A603 AND A604 FOR CEILING MATERIALS FINISH SCHEDULE.
4. CEILING FANS IN UNITS ARE TO BE CENTER OF THE ROOM.
5. REFER TO DETAIL 6//A502 FOR COORDINATION OF CEILING FAN, DIFFUSER, RETURN, FIRE ALARM, SMOKE DETECTOR AND SPRINKLER HEAD

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

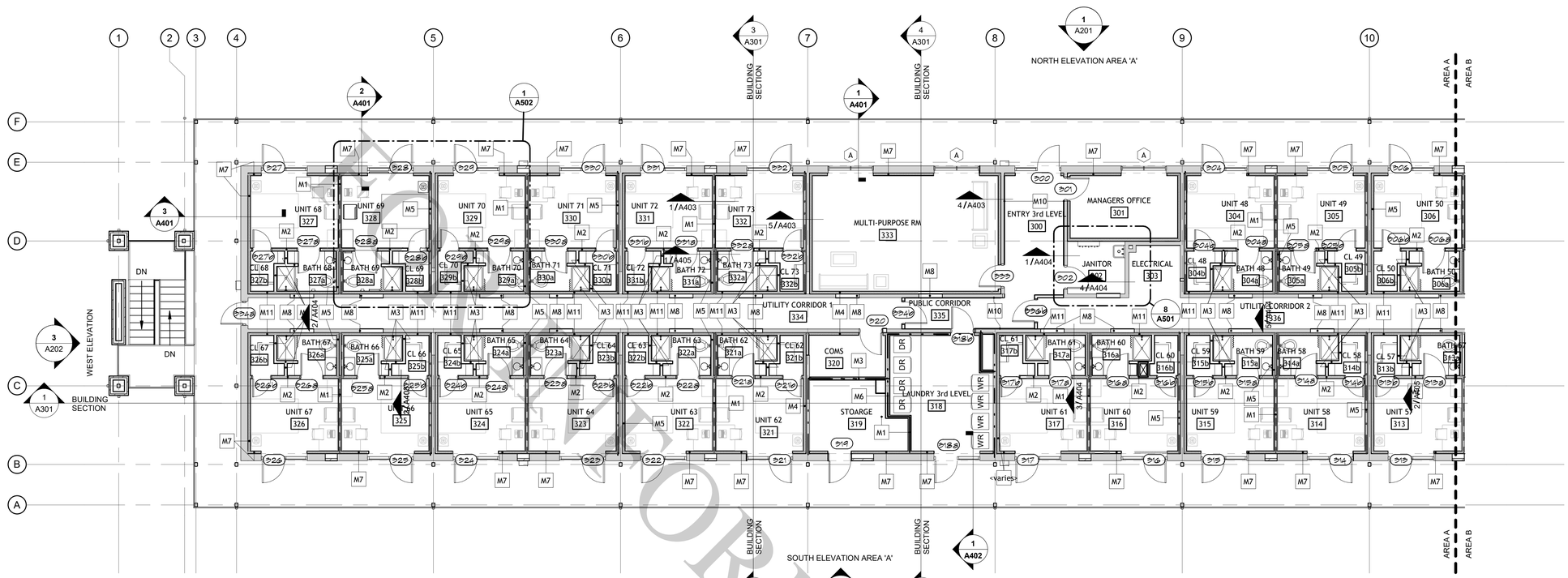
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
SECOND FLOOR REFLECTED CEILING PLAN

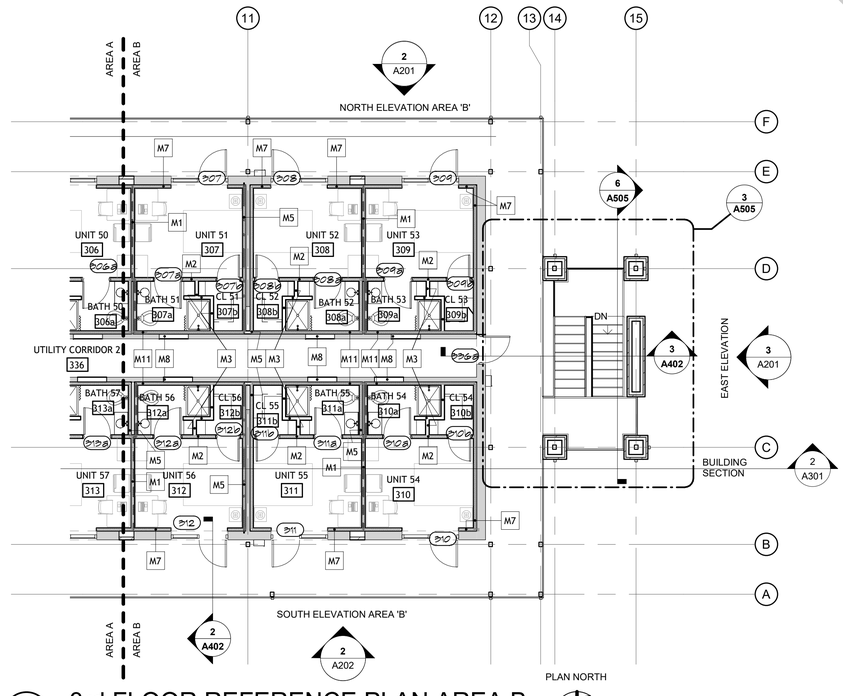
DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A106
DATE: 30 October 2025	35 of 108
SCALE: As indicated	

10/29/2025 4:37:17 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



1 3rd FLOOR REFERENCE PLAN AREA A

1/8" = 1'-0"



2 3rd FLOOR REFERENCE PLAN AREA B

1/8" = 1'-0"

INTERIOR PARTITION SCHEDULE

M1 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD "SILENTFX QC" BOTH SIDE TO BOTTOM OF DECK w/ MINERAL WOOL INSULATION (1 hr) UL U465 , STC 54

M2 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD BOTH SIDE TO BOTTOM OF DECK w/ BATT INSATION, (@ BATHROOM SIDE OF WALL USE 5/8" CEMENTITIOUS BACKER BOARD IN-LIEU OF 5/8" GYP BD)

M3 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD BOTH SIDE TO BOTTOM OF DECK, (@ BATHROOM SIDE OF WALL USE 5/8" CEMENTITIOUS BACKER BOARD IN-LIEU OF 5/8" GYP BD).

M4 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP ONE SIDE TO BOTTOM OF DECK w/ BATT INSULATION,

M5 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP "SILENTFX" TO BOTTOM OF DECK w/ BATT MINERAL WOOL INSULATION (1 hr) UL493 STC 54.

M6 6" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD TYPE X BOTH SIDES TO BOTTOM OF DECK w/ BATT INSULATION (1 hr) UL 419

M7 6" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD BOTH SIDES TO BOTTOM OF DECK

M8 6" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD ONE SIDE (INFILL)

M9 3 5/8" METAL STUDS @ 16" o.c. WITH (2) LAYERS 5/8" GYP BD BOTH SIDES (INFILL)

M10 1 1/2" METAL STUDS @ 16" o.c. FASTEN TO EXISTING WALL WITH 5/8" GYP BD

M11 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" GYP BD TYPE X TO BOTTOM OF DECK w/ BATT INSULATION, (@ BATHROOM SIDE OF WALL USE 5/8" CEMENTITIOUS BACKER BOARD IN-LIEU OF 5/8" GYP BD) FIRE CAULK ALL PENETRATIONS. 20 min FIRE RATING. UL# W411

M12 `2- 3 5/8" METAL STUDS @ 16" o.c. WITH 5/8" CEMENTITIOUS BACKER BOARD TO BOTTOM OF DECK w/ MINERAL WOOL INSULATION ONE WALL (1 hr) UL493 STC 54.

GENERAL NOTES:

1. MOUNT THERMOSTATS 54" A.F.F. MAX.
2. ALL SWITCHES TO BE MOUNTED NO HIGHER THAN 48" A.F.F.
3. DOOR HDWR TO MEET THE ADA REQUIREMENTS AT ADA UNITS AND FIRST FLOOR PUBLIC SPACES.
4. MT INDICATED METAL THRESHOLD, PROVIDE AT ALL EXTERIOR DOORS ALL TO MEET ADA.
5. A.T.P INDICATES ADA TRAP PROTECTIONS, PROVIDE ON ALL EXPOSED SINK/LAV TRAPS.
6. FLUSH VALVES ON ACCESSIBLE TOILETS ARE TO BE MOUNTED TO THE OPEN SIDE OF THE ROOM/STALL.
7. PROVIDE FIELD PAINTING OF ALL EXPOSED CONDUIT, GAS PIPING, HANGERS, DUCTWORK, SUPPORTS, ETC. IF IT CAN BE SEEN-PAINT IT.
8. CONTRACTOR TO COORDINATE REQUIRED INSTALLATION OF ALL BLOCKING FOR (NOT LIMITED TO) ALL FIXTURES, EQUIP OR MILLWORK.
9. "CJ" INDICATES SPECIFIC LOCATIONS OF CONTROL JOINTS. LOCATIONS ARE NOT LIMITED TO AREAS INDICATED, SEE SPECS FOR DESCRIPTION OF METHODS AND LOCATIONS.
10. MEASUREMENTS HAVE BEEN MADE AS ACCURATELY AS POSSIBLE. CONTRACTOR TO VERIFY DIMENSION IN THE FIELD TO CONFIRM WHERE EXACT DIMENSIONS ARE REQUIRED.
11. PROVIDE 3" TALL HELVETICA LETTERS STENCILED AT ALL RATED WALLS, STENCILING TO READ AS FOLLOWS "FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS." INCLUDE UL NUMBERS TYPICAL ALL RATED WALLS.
12. PROVIDE AND INSTALL CORNER GUARDS AT ALL OUTSIDE CORNERS IN PUBLIC AREAS. CORNER GUARDS SHALL BE 2" x 2" ON EXTRUDED ALUM. BRACKET FROM FLOOR TO CEILING. SIMILAR TO KOROGUARD G100/G10E.
13. PROVIDE AND INSTALL 2" WIDE MIN. EXTRUDED ALUM. TRANSITION THRESHOLDS AT ALL FLOOR FINISHES CHANGES. TRANSITIONS THRESHOLDS SHALL BE MECHANICALLY AND ADHESIVELY ATTACHED.
14. REFER TO DETAIL 6//A502 FOR COORDINATION OF CEILING FAN, DIFFUSER, RETURN, FIRE ALARM, SMOKE DETECTOR AND SPRINKLER HEAD
15. ALL PAINTED GYP BD WALLS AND CEILING TO RECEIVED LEVEL 4 FINISH
16. ALL WALLS WITH TILE ARE TO HAVE 5/8" CEMENTITIOUS BACKER BOARD

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

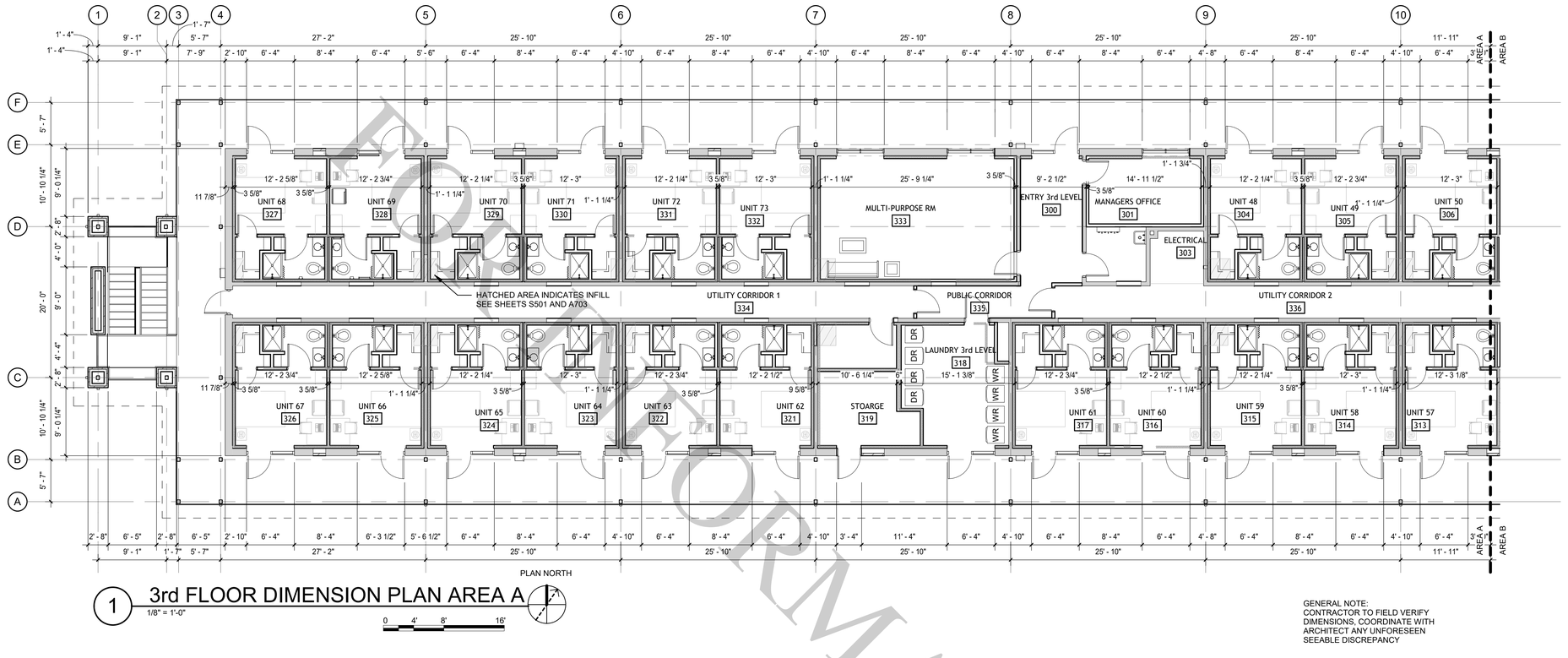
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: LITTLE ROCK AIR FORCE BASE REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: THIRD FLOOR REFERENCE PLAN

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A107
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	36 of 108

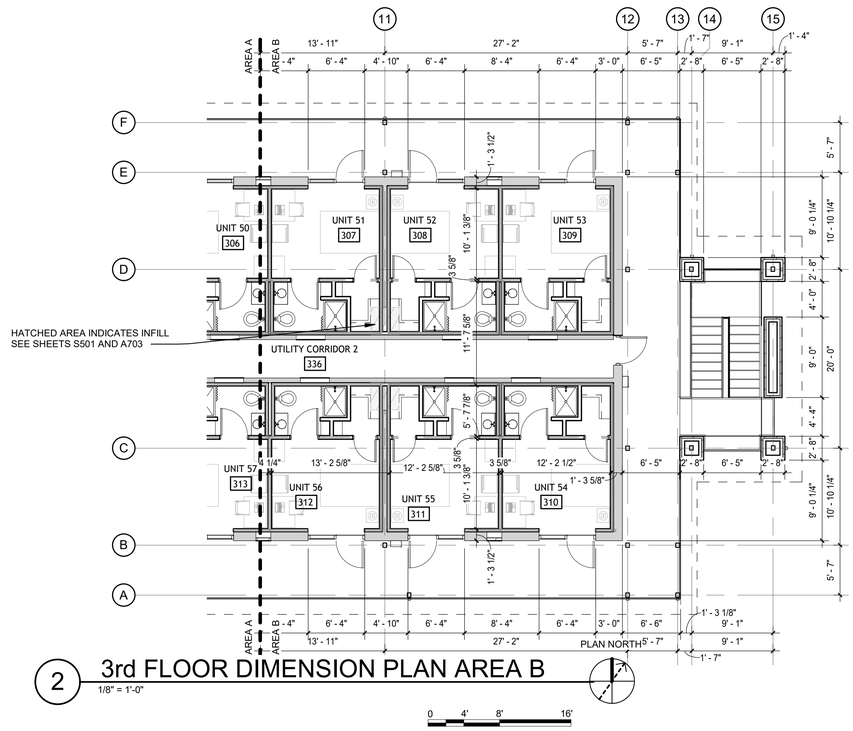
10/29/2025 4:37:19 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



1 3rd FLOOR DIMENSION PLAN AREA A
1/8" = 1'-0"

0 4' 8' 16'

GENERAL NOTE:
CONTRACTOR TO FIELD VERIFY DIMENSIONS, COORDINATE WITH ARCHITECT ANY UNFORESEEN SEEABLE DISCREPANCY



2 3rd FLOOR DIMENSION PLAN AREA B
1/8" = 1'-0"

0 4' 8' 16'

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

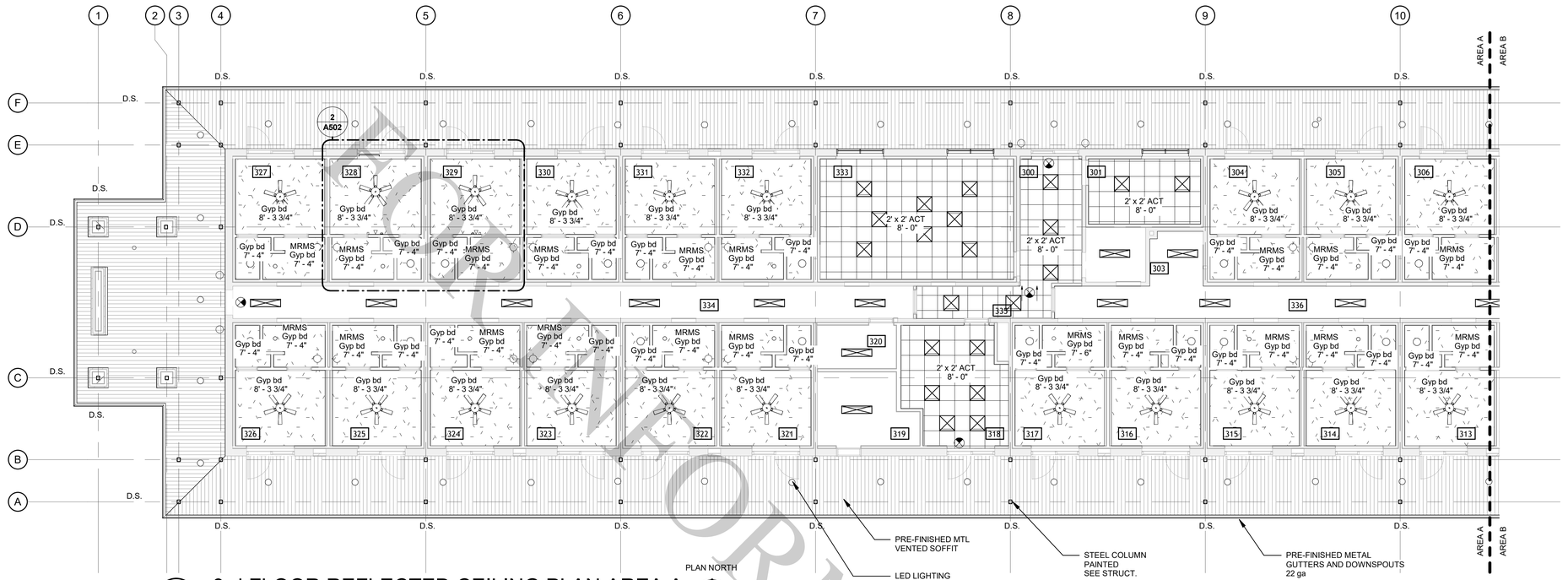
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
THIRD FLOOR DIMENSION PLAN

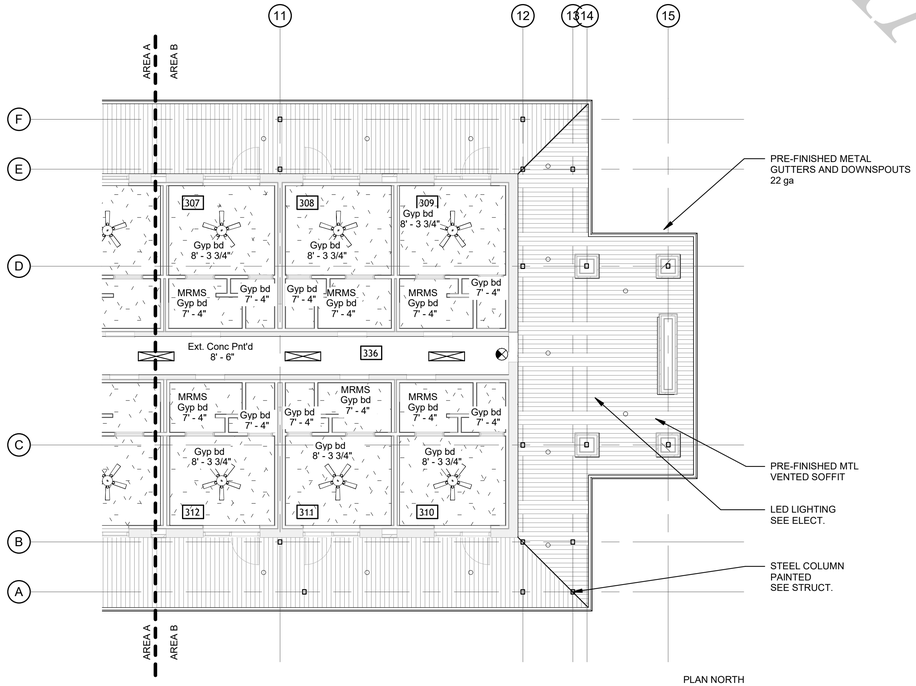
DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A108
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	37 of 108

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1 3rd FLOOR REFLECTED CEILING PLAN AREA A

1/8" = 1'-0"



2 3rd FLOOR REFLECTED CEILING PLAN AREA B

1/8" = 1'-0"

FIXTURE LEGEND

- CEILING FAN
- LED DOWN LIGHT
- 2 X 2 LED FIXTURE
- 4 LED STRIP
- EXIT SIGN

GENERAL NOTES

1. REFER TO ELECTRICAL PLANS FOR EXACT FIXTURE COUNT, TYPE AND LOCATION. INCLUDING EXITING DEVICES.
2. ALL FIXTURES, DEVICES, SPRINKLER HEADS, ETC. MOUNTED IN CEILING TILE ARE TO BE CENTER OF TILE.
3. SEE SHEET A603 AND A604 FOR CEILING MATERIALS FINISH SCHEDULE.
4. CEILING FANS IN UNITS ARE TO BE CENTER OF THE ROOM.
5. REFER TO DETAIL 6//A502 FOR COORDINATION OF CEILING FAN, DIFFUSER, RETURN, FIRE ALARM, SMOKE DETECTOR AND SPRINKLER HEAD
6. DS. INDICATES PRE-FINISHED METAL DOWNSPOUT

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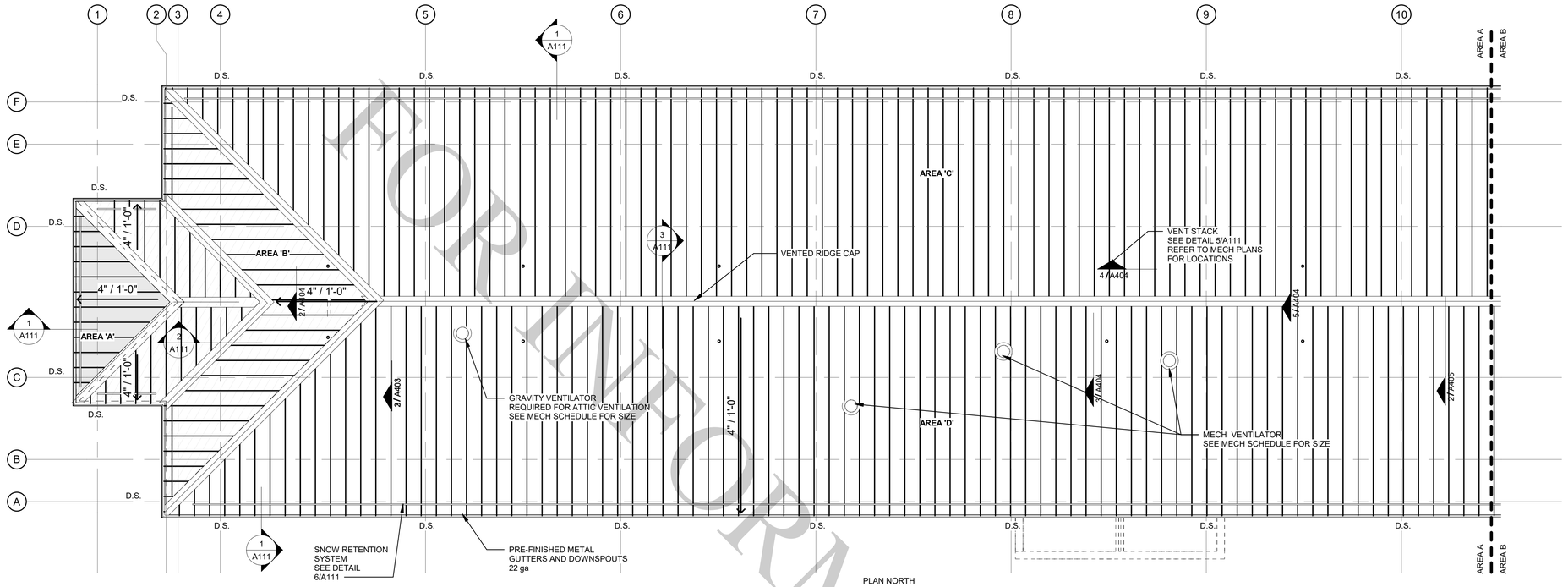
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

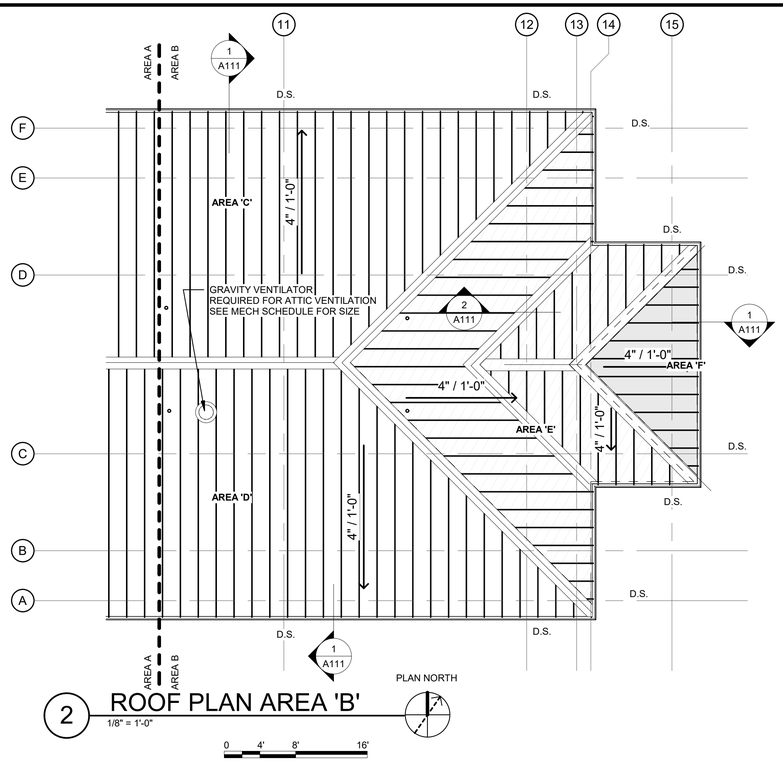
SHEET TITLE:
THIRD FLOOR REFLECTED CEILING PLAN

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A109
DATE: 30 October 2025	
SCALE: As indicated	38 of 108

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1 ROOF PLAN AREA 'A'
1/8" = 1'-0"



2 ROOF PLAN AREA 'B'
1/8" = 1'-0"

GENERAL ROOF NOTES:

1. PAC-CLAD "PAC-150 180° SEAM" 20" PANELS WITH PENCIL RIBS, 22 ga MECHANICALLY SEAMED IS SPECIFIED OR EQUAL COLOR TO BE FROM STANDARD COLORS AS SELECTED BY ARCHITECT.
2. ROOF PANELS ARE TO BE ONE CONTINUOUS PANEL, NO LAP JOINTS ALONG THE LENGTH OF THE PANEL. THE PANEL END SHALL BE HEMMED ALONG THE EVE EDGE
3. D.S. INDICATES NEW DOWNSPOUT.
4. ALL PENETRATIONS THRU ROOF ARE TO BE CENTERED ROOF PANEL. NO ROOF PENETRATIONS THRU ROOF RIB. PEN
5. REFER TO SMACNA MANUAL 7TH EDITION FOR ALL METAL FLASHING DETAILS, THIS INCLUDES BUT IS NOT LIMITED TO CLEATS, PANELS, BOOTS, WALL PENETRATIONS, FLASHING, COPINGS, ETC.

ROOF VENTILATION CALCULATIONS

Roof Area:

225'-0" x 57'-0" = 12,825 sq ft Main Building
12'-0" x 27'-6" x 2 = 660 sq ft Stairwell
= 13,485 sq ft Total Roof

Required Ventilation:

13,485 sq ft /150 = 89.9 sq ft required ventilation
89.9 sq ft/2 = 44.95 sq ft of required intake ventilation
= 44.95 sq ft of required exhaust ventilation
44.95 sq ft x 144 = **6,477** sq in. of required intake ventilation
6,477 sq in. of required exhaust ventilation

Provided Ventilation:
Exhaust Ventilation:
Ridge vent 167 ft x (Pac 150 Vented Ridge Vent) 20 sq in/per foot = 3,340 sq in of exhaust ventilation
Two (2) 24" radius Gravity vents = 1,809 ea x 2 = 3,618 sq in of exhaust ventilation
Total = **6,958** sq in of exhaust ventilation

Intake Ventilation:
4,688 sq ft of soffit x 144 = 675,072 sq in
Pac-750 Soffit Half Vent = 6% of ventilation .06 x 675,072 = **40,504** sq in of intake ventilation.

GUTTER CALCULATIONS

GUTTER AND DOWNSPOUTS SIZING CALCULATIONS
(as calculated by SMACNA) based on rainfall avg. (100 yrs).

AREA 'A' = 180 ft²
Lineal ft of Gutter = 27'
Gutter length serving single downspout =13.5'
Depth to Width ratio = .75

Gutter size required 3" x 2.5 "min.
Gutter size provided 5" x 5"
Number of downspouts required 2 (total area)
Number of downspouts provided 2 (total area)
Area of downspouts required = 1.5 in² (total area)
Area of downspouts provided = 40 in² (total area)

AREA 'B' = 1,028 ft²
Lineal ft of Gutter = 27'
Gutter length serving single downspout =13'
Depth to Width ratio = .75

Gutter size required 4" x 3 "min.
Gutter size provided 5" x 5"
Number of downspouts required 2 (total area)
Number of downspouts provided 2 (total area)
Area of downspouts required = 8.6 in² (total area)
Area of downspouts provided = 40 in² (total area)

AREA 'C' = 6,144 ft²
Lineal ft of Gutter = 231'
Gutter length serving single downspout =26'
Depth to Width ratio = .75

Gutter size required 4" x 5 "min.
Gutter size provided 5" x 5"
Number of downspouts required 8 (total area)
Number of downspouts provided 9 (total area)
Area of downspouts required = 53.4 in² (total area)
Area of downspouts provided = 180 in² (total area)

GUTTER AND DOWNSPOUTS SIZING CALCULATIONS
(as calculated by SMACNA) based on rainfall avg. (100 yrs). cont.

AREA 'D' = 6,144ft²
Lineal ft of Gutter = 231'
Gutter length serving single downspout =26'
Depth to Width ratio = .75

Gutter size required 4" x 5 "min.
Gutter size provided 5" x 5"
Number of downspouts required 8 (total area)
Number of downspouts provided 9 (total area)
Area of downspouts required = 53.4 in² (total area)
Area of downspouts provided = 180 in² (total area)

AREA 'E' = 1,028 ft²
Lineal ft of Gutter = 52'
Gutter length serving single downspout =27'
Depth to Width ratio = .75

Gutter size required 4" x 3 "min.
Gutter size provided 5" x 5"
Number of downspouts required 2 (total area)
Number of downspouts provided 2 (total area)
Area of downspouts required = 8.6 in² (total area)
Area of downspouts provided = 40 in² (total area)

AREA 'F' = 180 ft²
Lineal ft of Gutter = 27'
Gutter length serving single downspout =13.5'
Depth to Width ratio = .75

Gutter size required 3" x 2.5 "min.
Gutter size provided 5" x 5"
Number of downspouts required 2 (total area)
Number of downspouts provided 2 (total area)
Area of downspouts required = 1.5 in² (total area)
Area of downspouts provided = 40 in² (total area)

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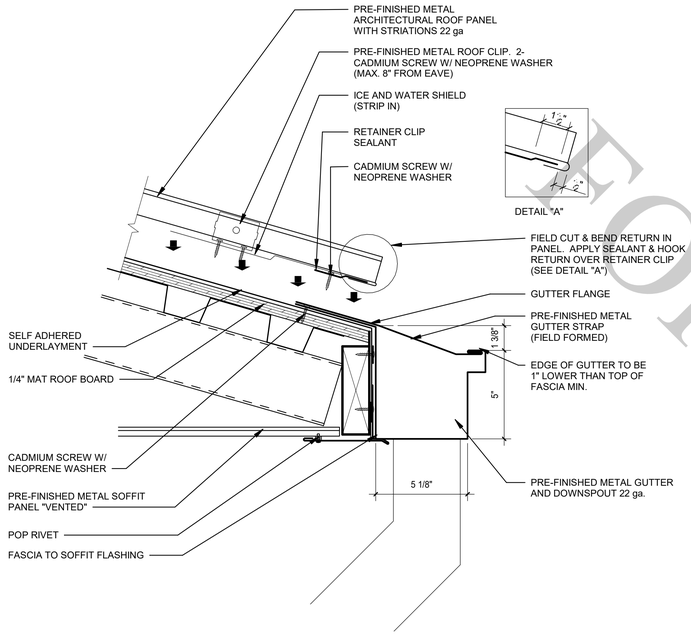
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

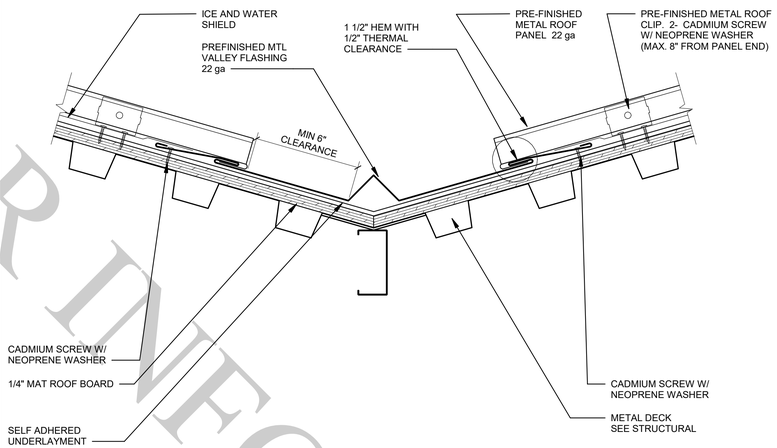
SHEET TITLE:
ROOF PLAN

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A110
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	39 of 108

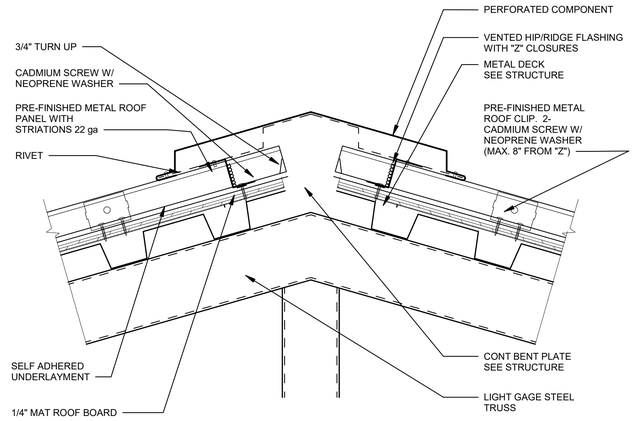
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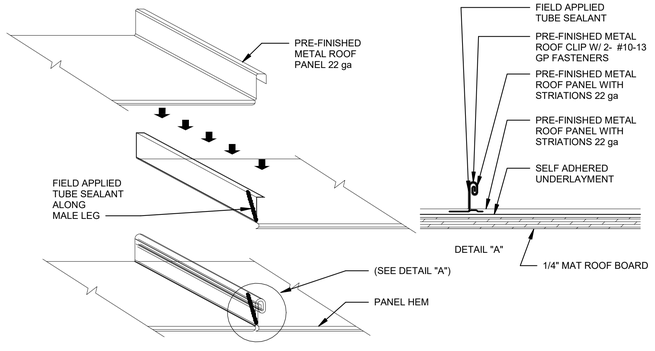
1 DETAIL AT GUTTER
3" = 1'-0" 0 6" 1'



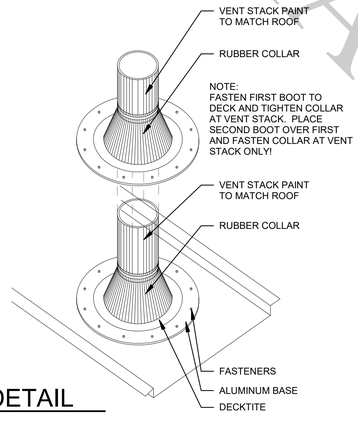
2 DETAIL AT VALLEY
3" = 1'-0" 0 6" 1'



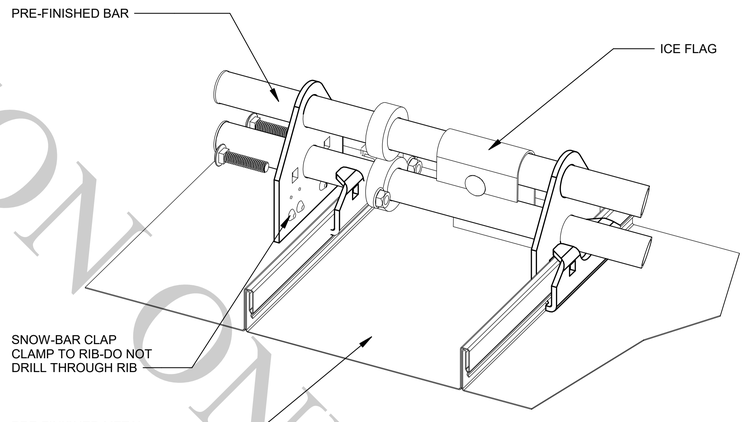
3 RIDGE DETAIL
3" = 1'-0" 0 6" 1'



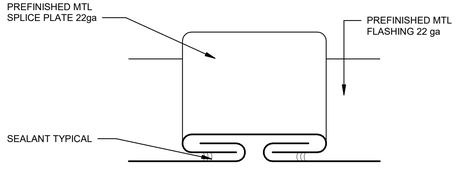
4 ROOF PANEL SEAM
3" = 1'-0" 0 6" 1'



5 VTR DETAIL
1" = 1'-0" 0 0.5' 1' 2'



6 SNOW BAR DETAIL
NTS



7 METAL SPLICE JOINT DETAIL
6" = 1'-0" 0 1' 2'

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

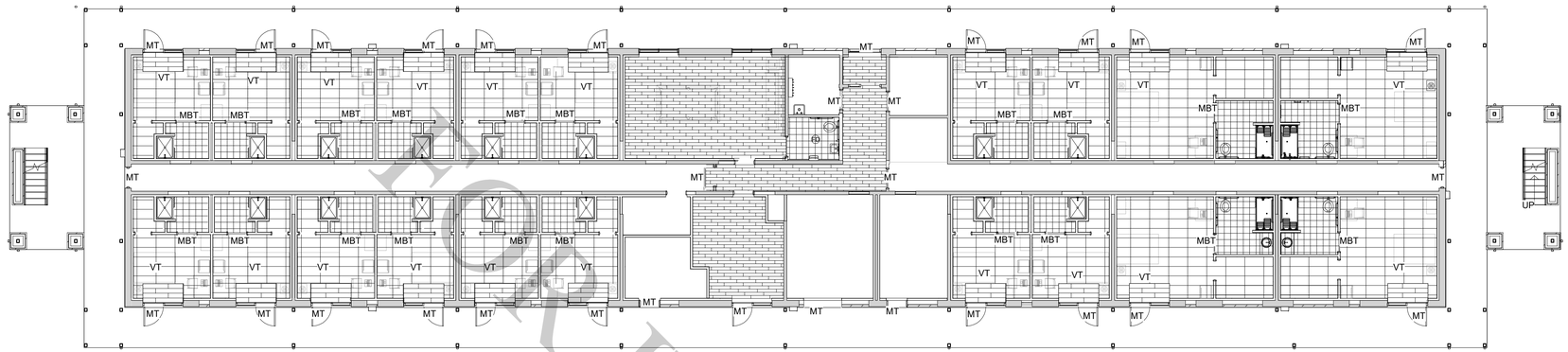
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
ROOF DETAILS

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A111
DATE: 30 October 2025	
SCALE: As indicated	40 of 108

10/29/2025 4:37:24 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



1 1st FLOOR PATTERN PLAN
3/32" = 1'-0"

PLAN NORTH

0 2' 4' 6'

MT INDICATES METAL THRESHOLD
MBT INDICATES MARBLE THRESHOLD
VT INDICATES VINYL TRANSITION STRIP

SEE SHEET A702 FOR THRESHOLD TYPE

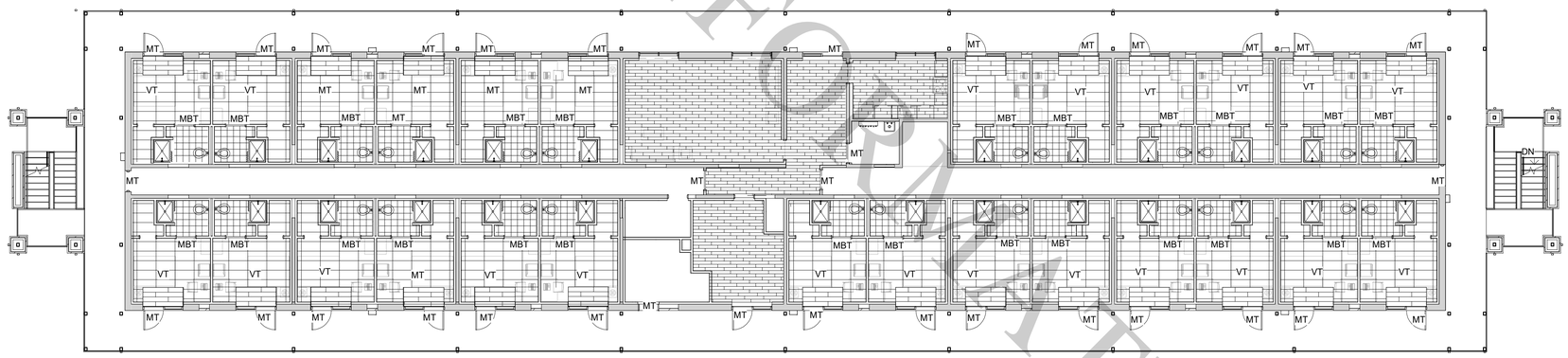
6" x 36" CERAMIC FLOOR TILE

12" x 12" CERAMIC FLOOR TILE

36" x 18" CARPET TILE

EXISTING CONCRETE

9" x 48" PLANK LVT TILE



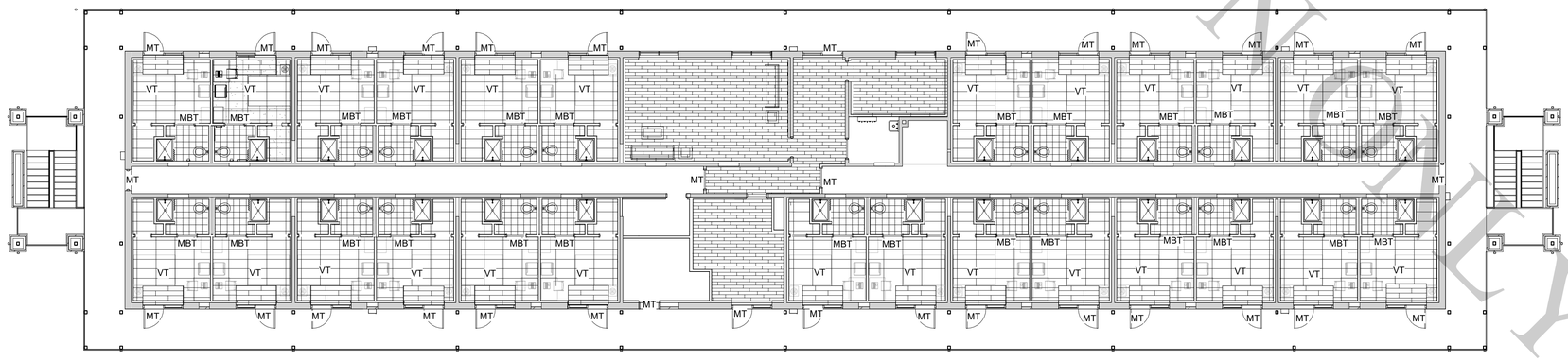
2 2nd FLOOR PATTERN PLAN
3/32" = 1'-0"

PLAN NORTH

0 2' 4' 6'

MT INDICATES METAL THRESHOLD
MBT INDICATES MARBLE THRESHOLD
VT INDICATES VINYL TRANSITION STRIP

SEE SHEET A702 FOR THRESHOLD TYPE



3 3rd FLOOR PATTERN PLAN
3/32" = 1'-0"

PLAN NORTH

0 2' 4' 6'

MT INDICATES METAL THRESHOLD
MBT INDICATES MARBLE THRESHOLD
VT INDICATES VINYL TRANSITION STRIP

SEE SHEET A702 FOR THRESHOLD TYPE

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ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

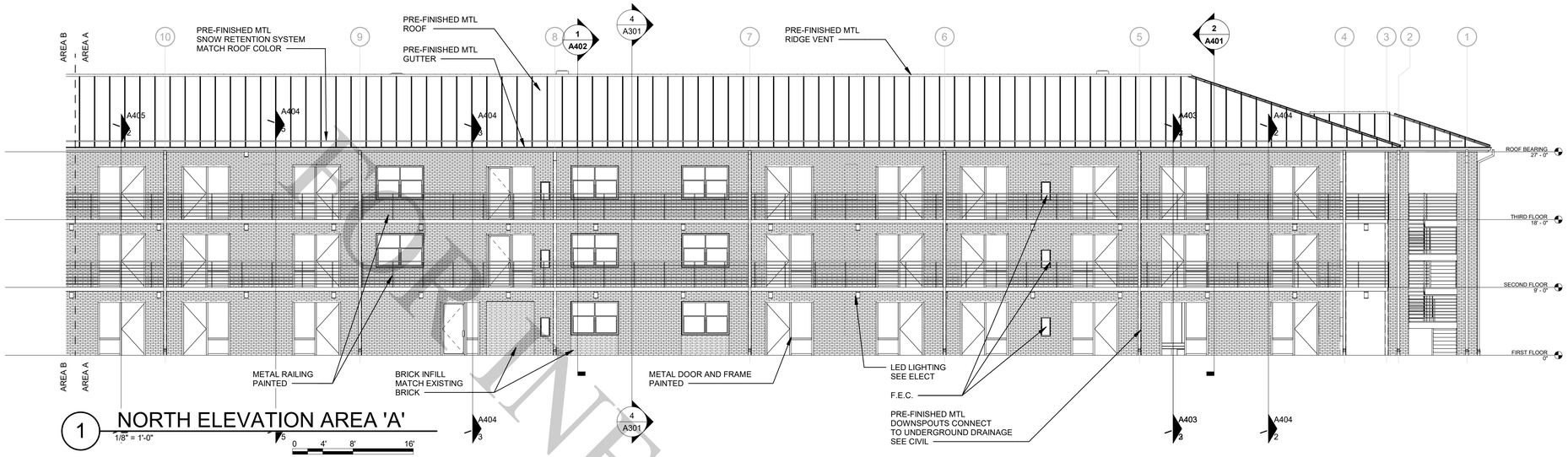
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FLOOR PATTERN PLAN

DRAWN BY: KK	LEAD DESIGNER: KK
REVIEWER: CD	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A112
DATE: 30 October 2025	
SCALE: As indicated	41 of 108

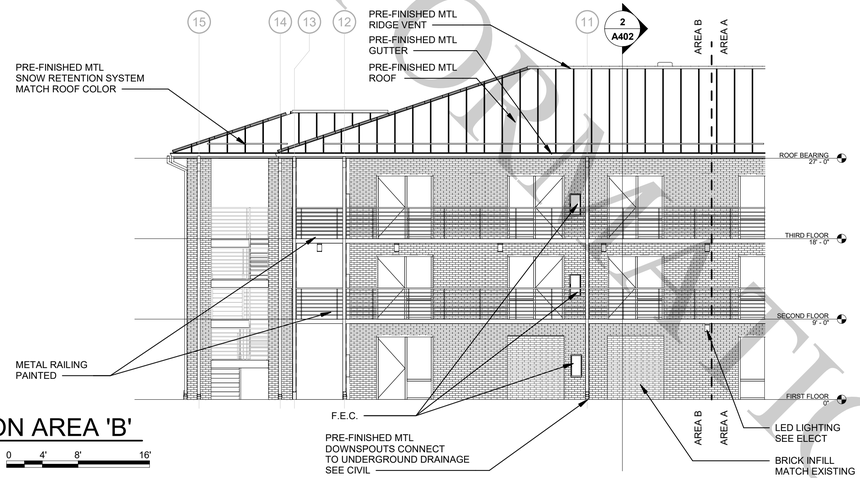
10/29/2025 4:37:26 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



1 NORTH ELEVATION AREA 'A'

1/8" = 1'-0"

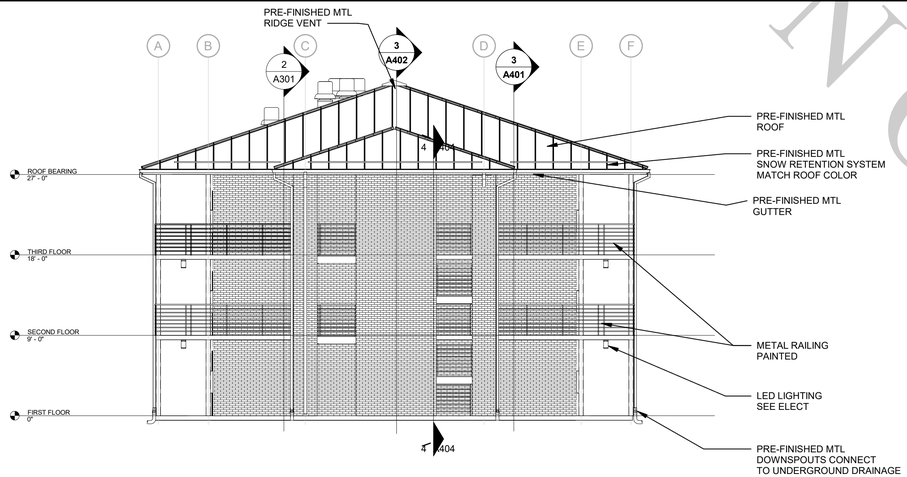
0 4' 8' 16'



2 NORTH ELEVATION AREA 'B'

1/8" = 1'-0"

0 4' 8' 16'



3 EAST ELEVATION

1/8" = 1'-0"

0 4' 8' 16'

PERMIT SET
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ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

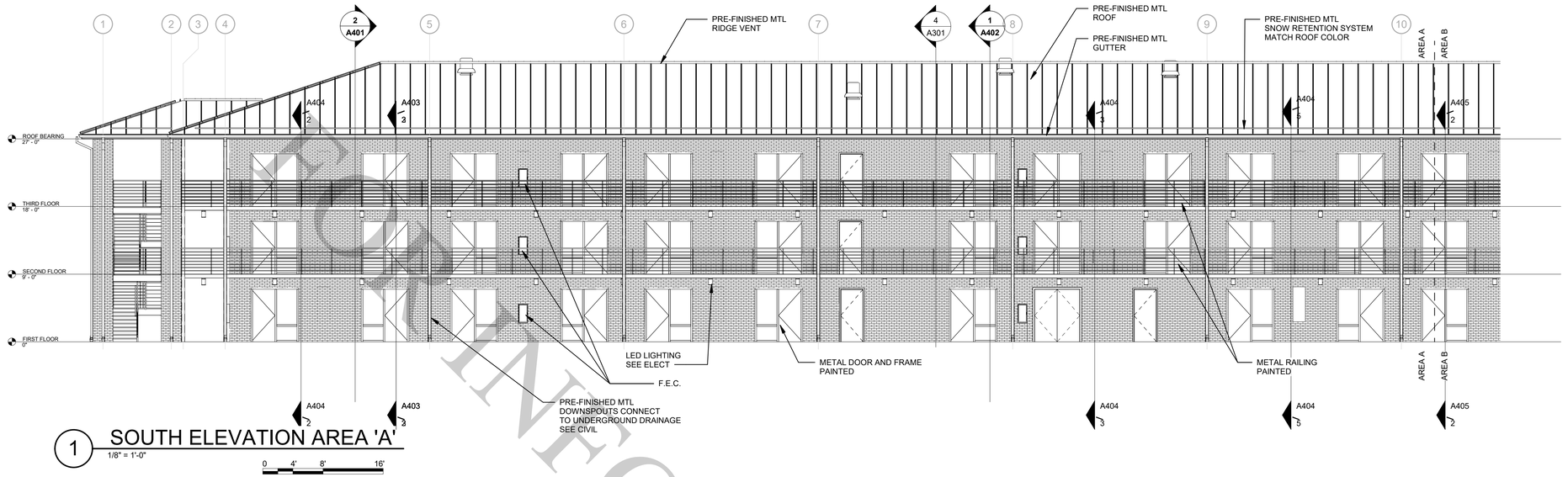
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
BUILDING ELEVATIONS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A201
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	42 of 108

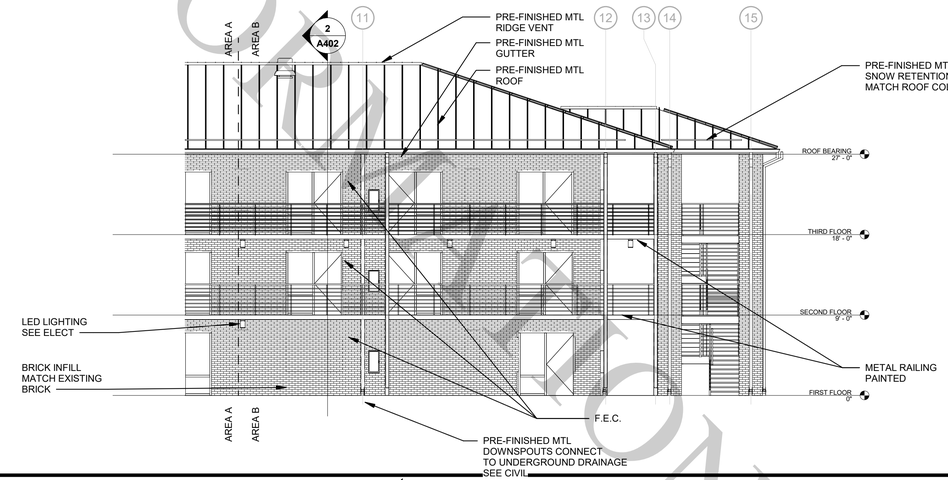
10/29/2025 4:37:29 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



1 SOUTH ELEVATION AREA 'A'

1/8" = 1'-0"

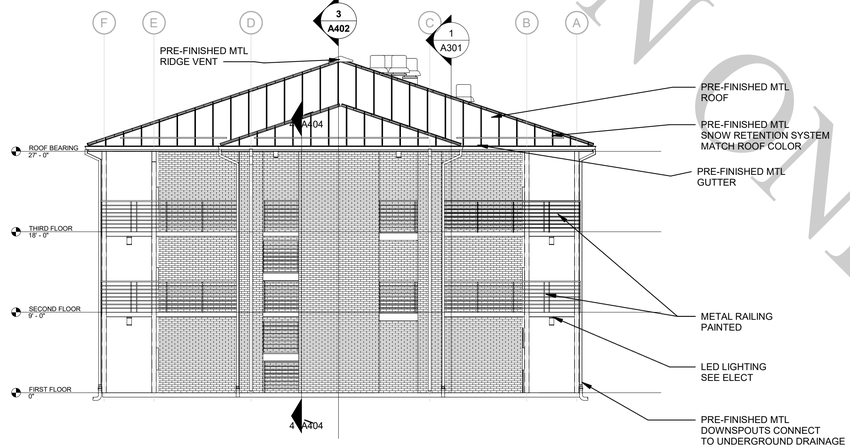
0 4' 8' 16'



2 SOUTH ELEVATION AREA 'B'

1/8" = 1'-0"

0 4' 8' 16'



3 WEST ELEVATION

1/8" = 1'-0"

0 4' 8' 16'

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

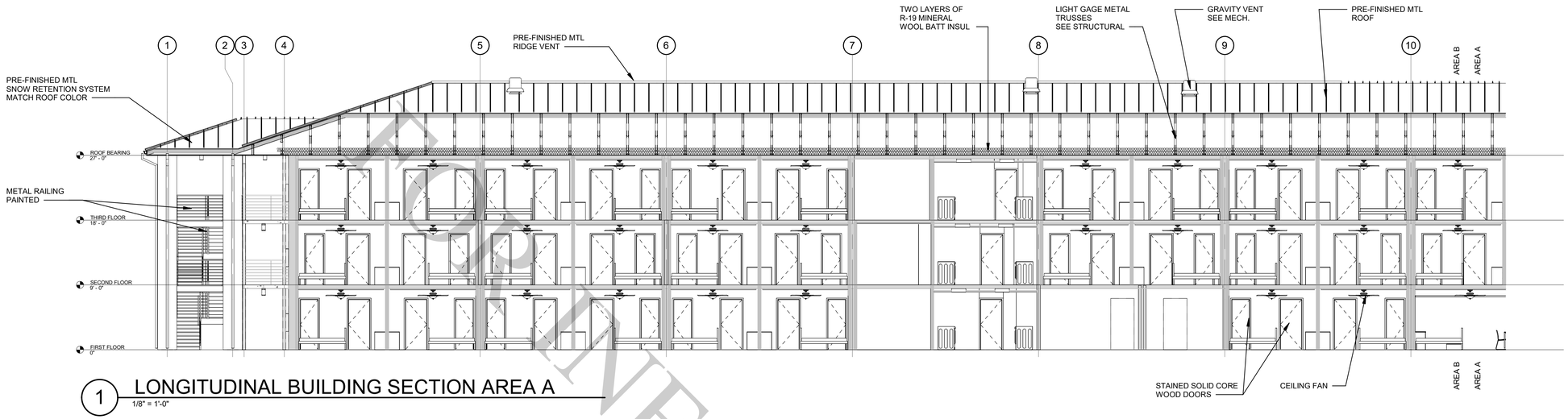
MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

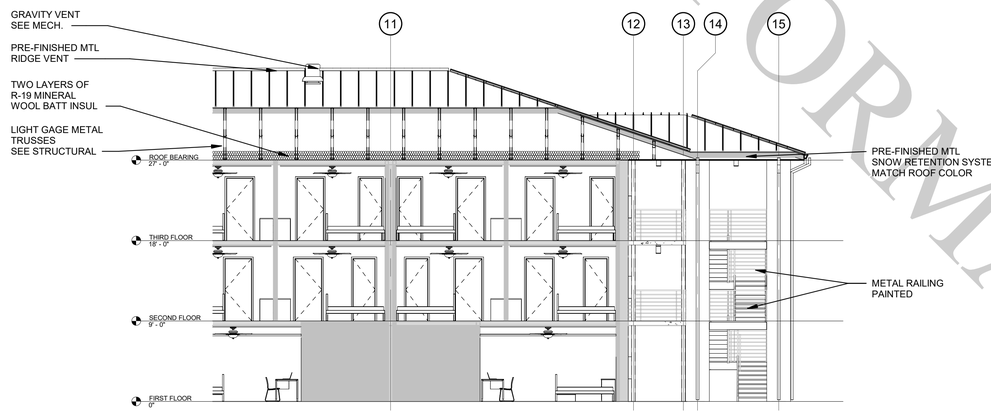
SHEET TITLE:
BUILDING ELEVATIONS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A202
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	43 of 108

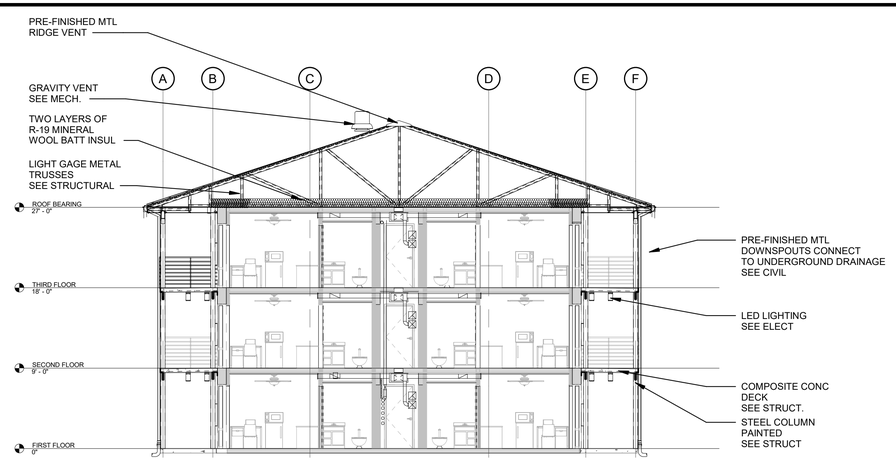
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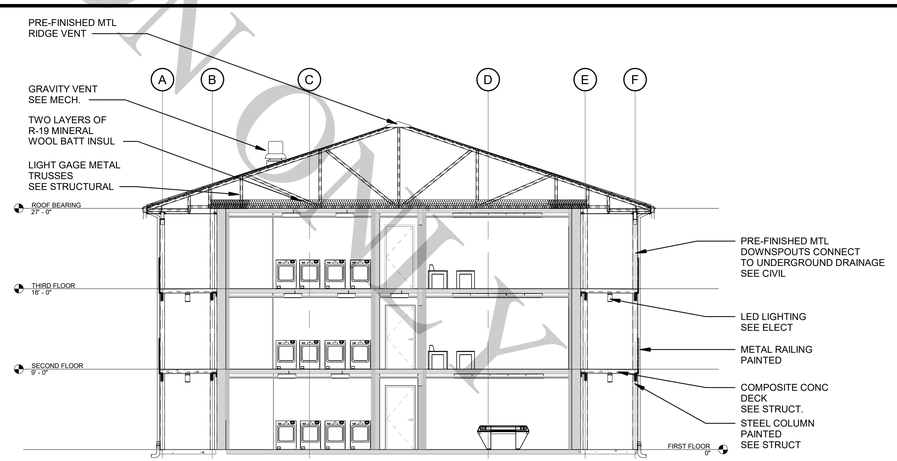
1 LONGITUDINAL BUILDING SECTION AREA A
1/8" = 1'-0"



2 LONGITUDINAL BUILDING SECTION AREA B
1/8" = 1'-0"
0 4' 8' 16'



3 TRANSVERSE BUILDING SECTION
1/8" = 1'-0"
0 4' 8' 16'



4 TRANSVERSE BUILDING SECTION AT PUBLIC SPACE
1/8" = 1'-0"
0 4' 8' 16'

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ENVIRONMENTAL:	CONSTRUCTION MANAGER:
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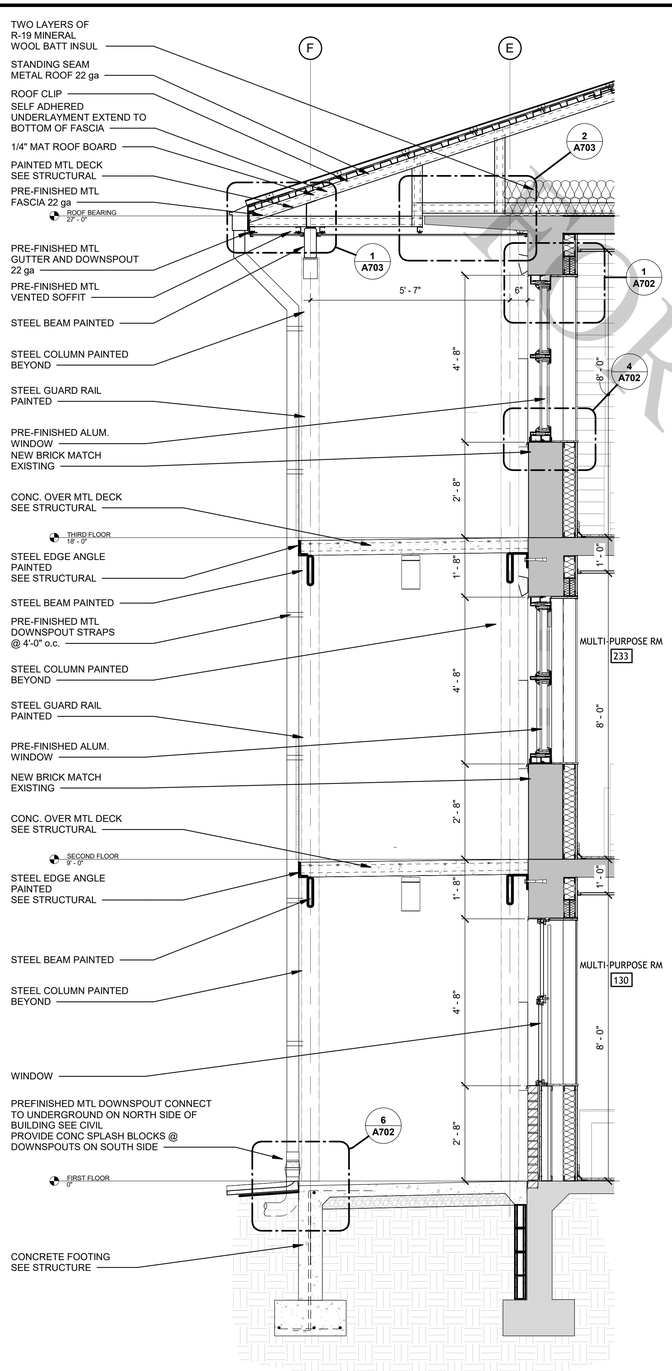
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
BUILDING SECTIONS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A301
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	44 of 108

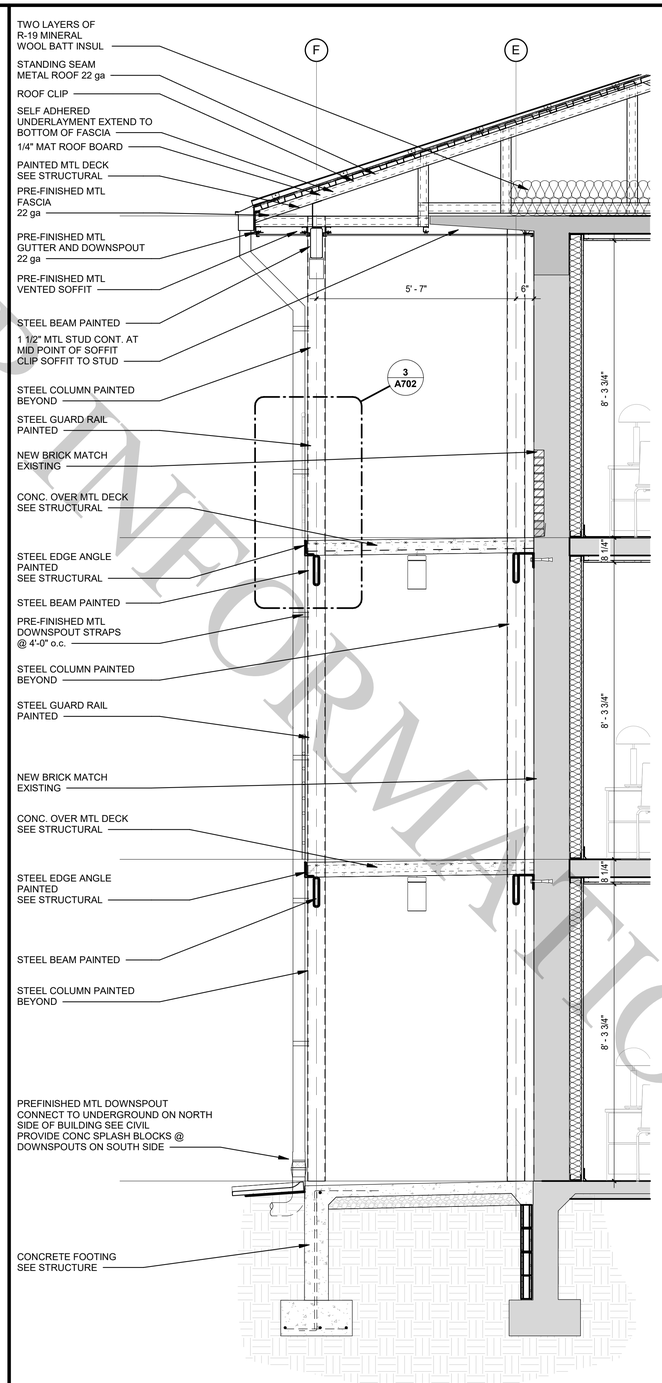
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NOTE:
1. EXTERIOR WALL STC RATING OF 50
2. FLOOR/CEILING ASSUMED STC RATING OF 61

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

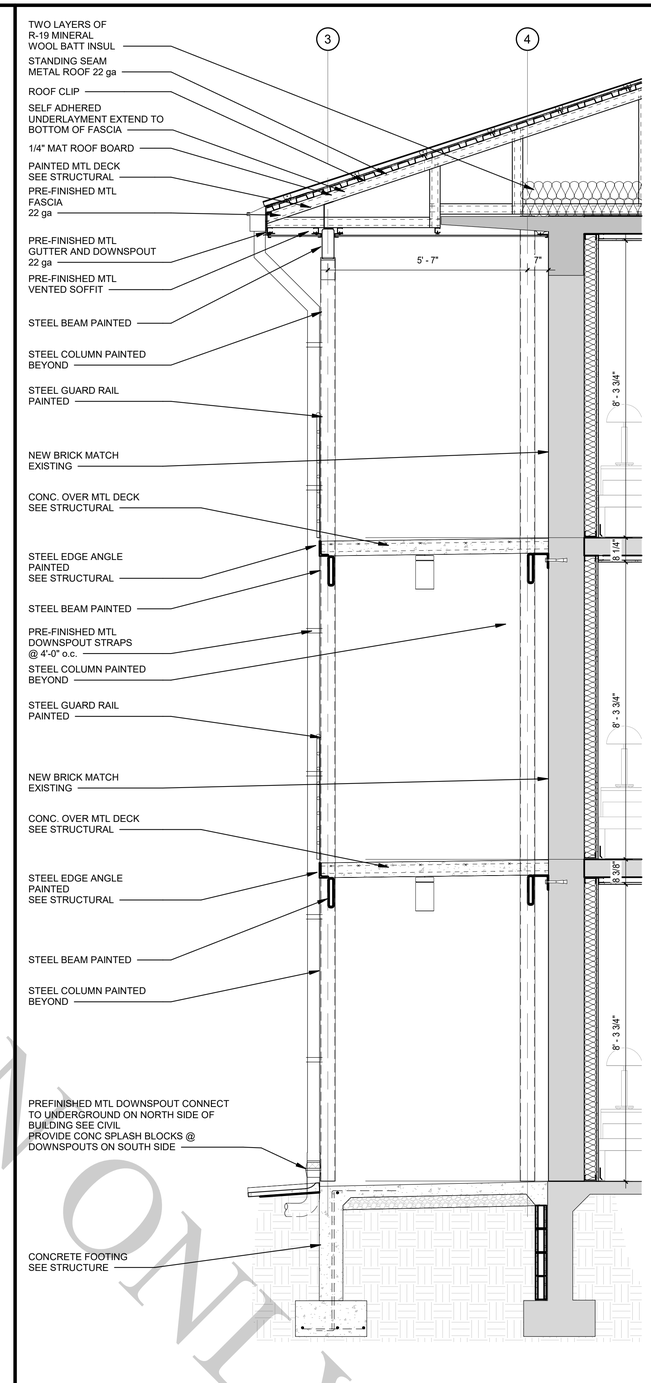
0 4' 8' 16'



NOTE:
1. EXTERIOR WALL STC RATING OF 50
2. FLOOR/CEILING ASSUMED STC RATING OF 61

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

0 1' 2' 4'



NOTE:
1. EXTERIOR WALL STC RATING OF 50
2. FLOOR/CEILING ASSUMED STC RATING OF 61

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

0 1' 2' 4'

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ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

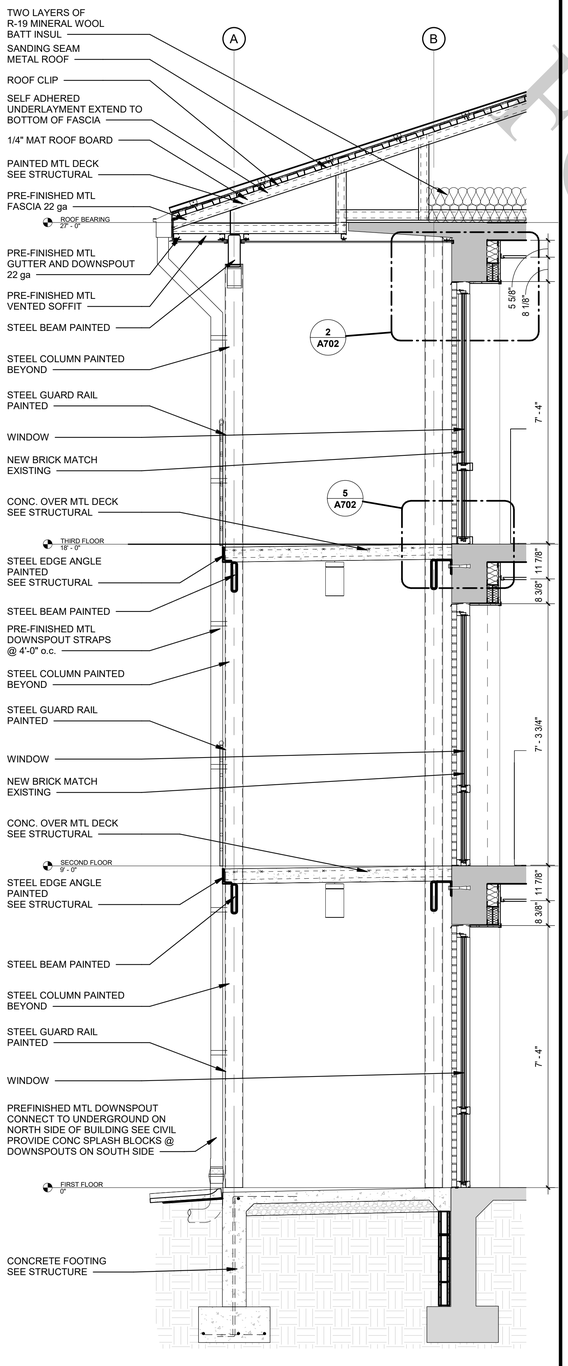
MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
WALL SECTIONS

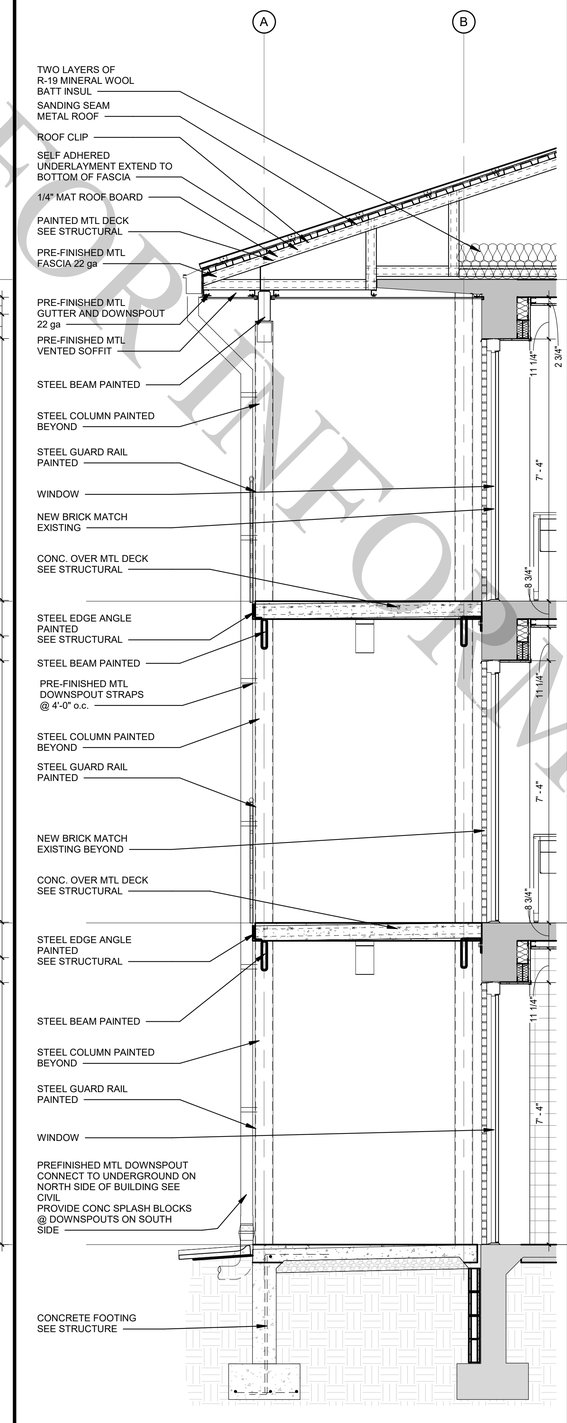
DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A401
DATE: 30 October 2025	
SCALE: 1/2" = 1'-0"	45 of 108

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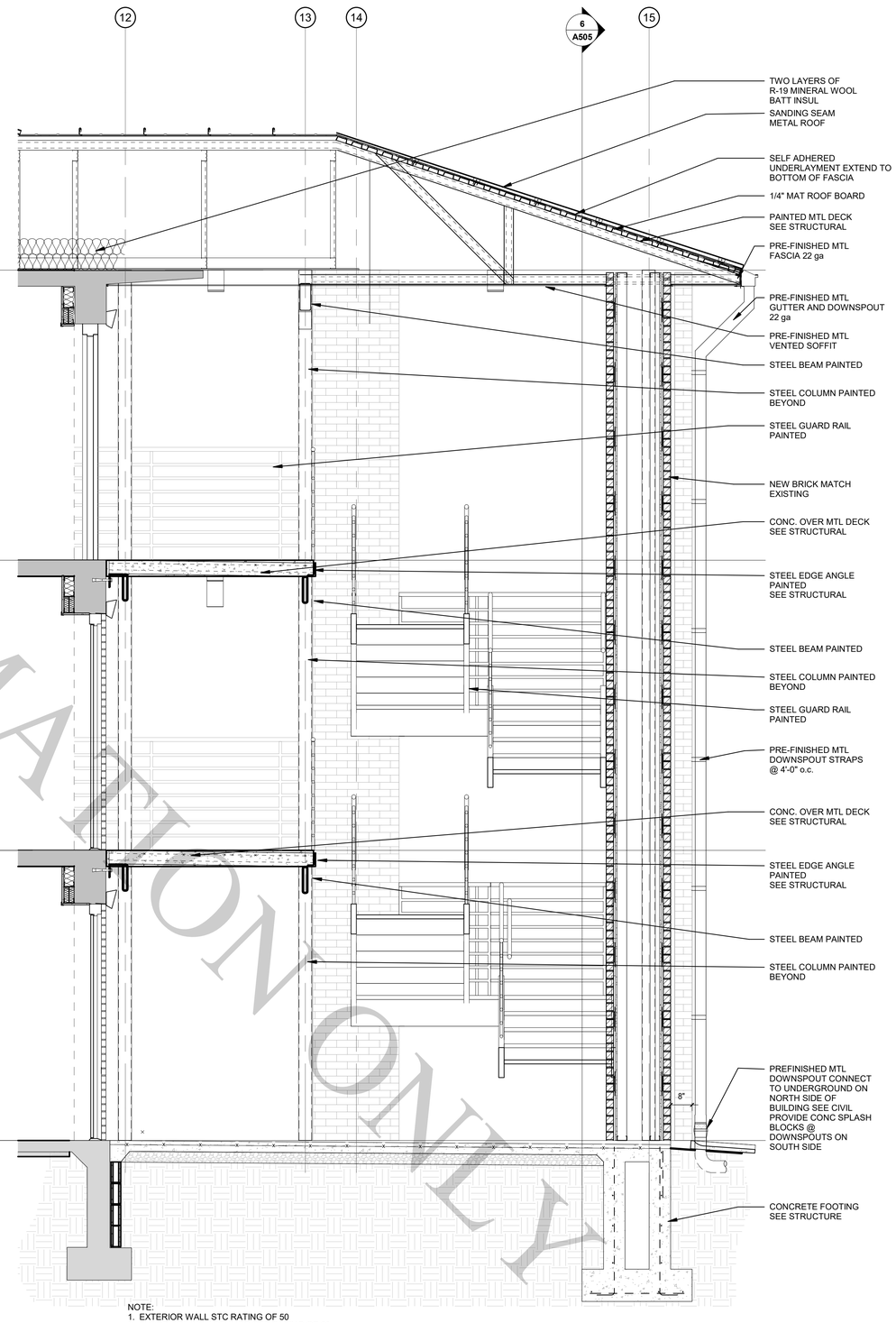
NOTE:
1. EXTERIOR WALL STC RATING OF 50
2. FLOOR/CEILING ASSUMED STC RATING OF 60

1 WALL SECTION 4
1/2" = 1'-0"
0 4' 8' 16'



NOTE:
1. EXTERIOR WALL STC RATING OF 50
2. FLOOR/CEILING ASSUMED STC RATING OF 60

2 WALL SECTION 5
1/2" = 1'-0"
0 1' 2' 4'



NOTE:
1. EXTERIOR WALL STC RATING OF 50
2. FLOOR/CEILING ASSUMED STC RATING OF 60

3 WALL SECTION 6
1/2" = 1'-0"
0 1' 2' 4'

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

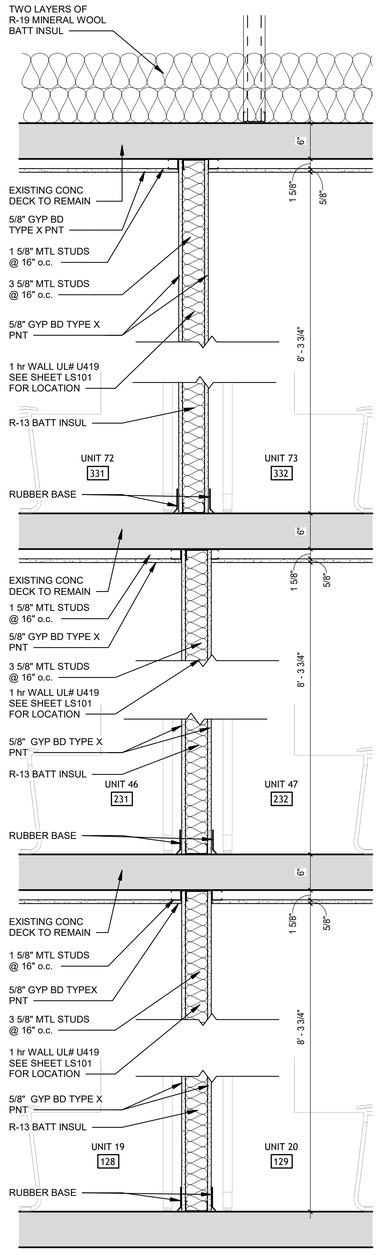
MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
WALL SECTIONS

DRAWN BY:	LEAD DESIGNER:
Author	Designer
REVIEWER:	PROJECT NUMBER:
Checker	NKAK 23-1001
BY:	
KGK	A402
DATE:	
30 October 2025	46 of 108
SCALE:	
1/2" = 1'-0"	

10/29/2025 4:37:37 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt

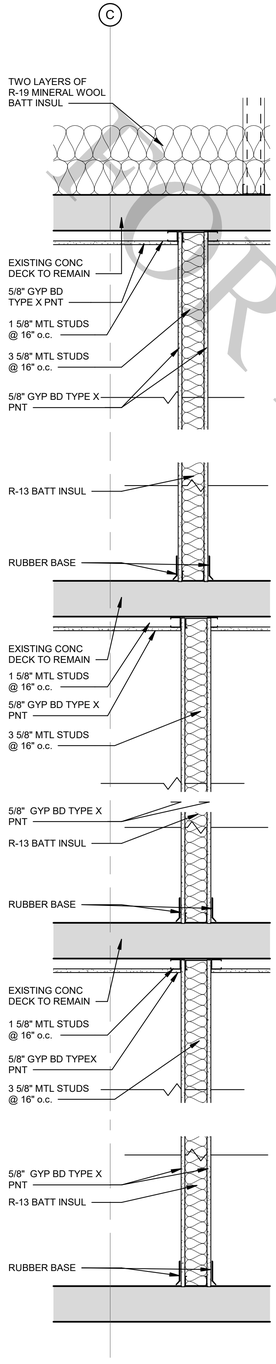


NOTE:
1. PARTITIONS BETWEEN UNITS STC RATING OF 50
2. FLOOR/CEILING ASSUMED STC RATING OF 60

1 INTERIOR PARTITION M1

1" = 1'-0"

0 1' 2' 4'

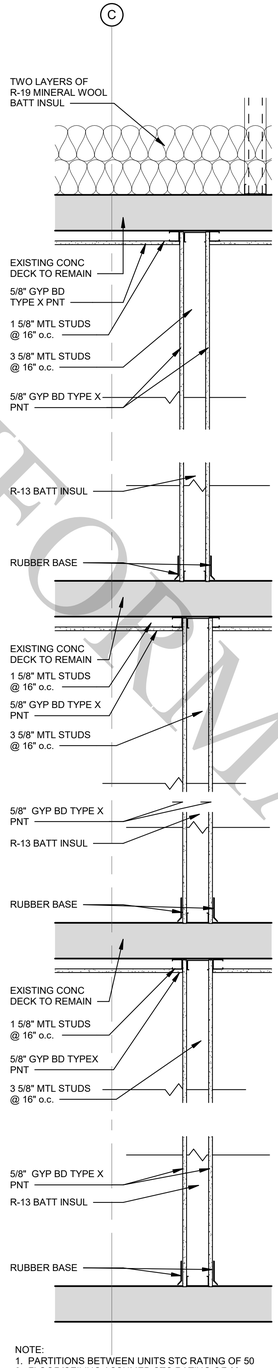


NOTE:
1. FLOOR/CEILING ASSUMED STC RATING OF 60

2 INTERIOR PARTION M2

1" = 1'-0"

0 1' 2' 4'

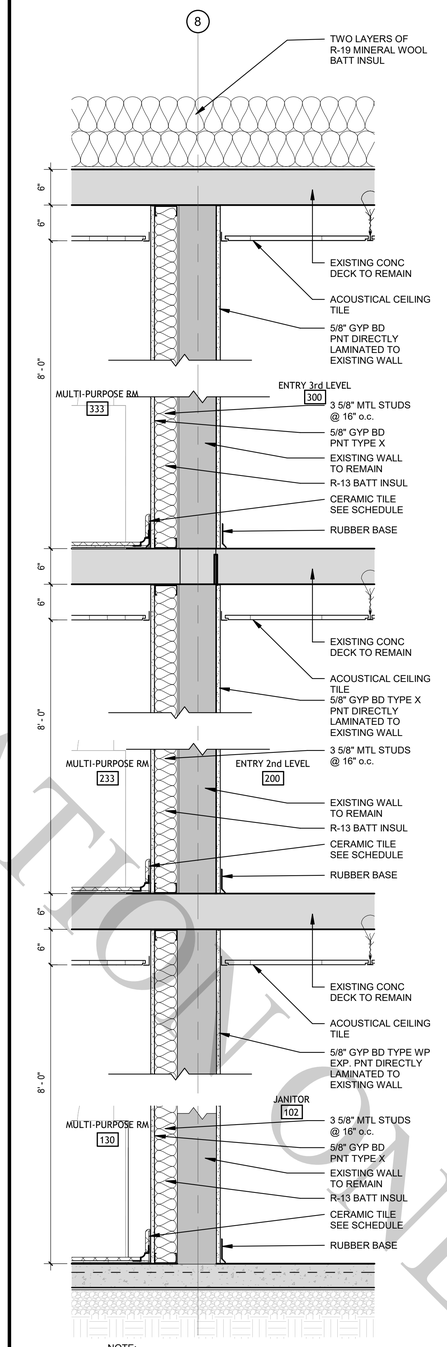


NOTE:
1. PARTITIONS BETWEEN UNITS STC RATING OF 50
2. FLOOR/CEILING ASSUMED STC RATING OF 60

3 INTERIOR PARTITION M3

1" = 1'-0"

0 1' 2' 4'

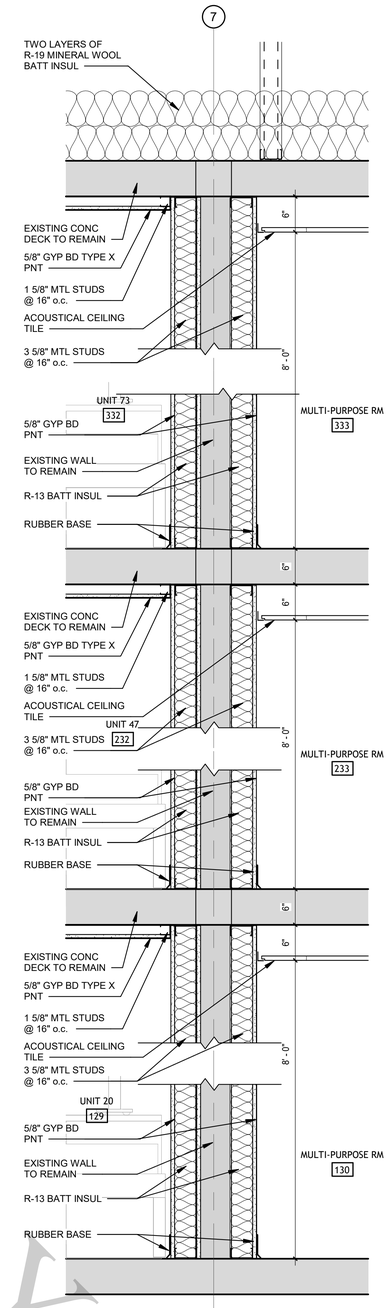


NOTE:
1. FLOOR/CEILING ASSUMED STC RATING OF 60

4 INTERIOR PARTITION M4

1" = 1'-0"

0 1' 2' 4'



NOTE:
1. FLOOR/CEILING ASSUMED STC RATING OF 60

5 INTERIOR PARTITION M5

1" = 1'-0"

0 1' 2' 4'

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ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

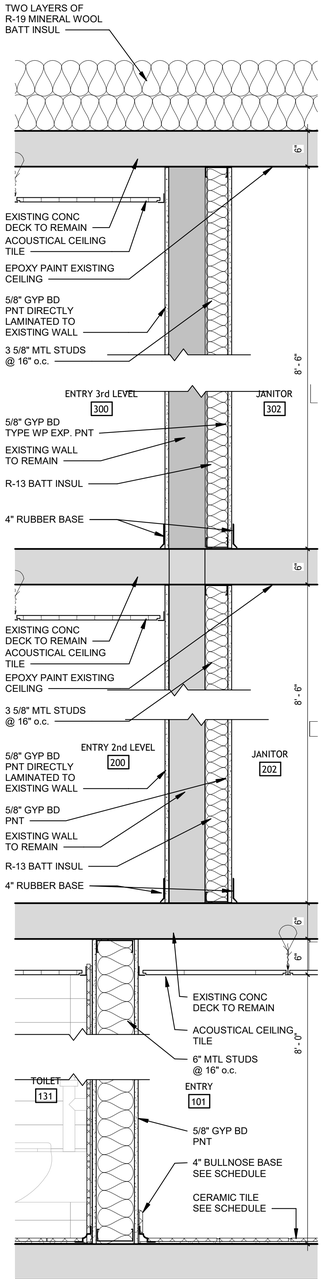
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
INTERIOR PARTITIONS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A403
DATE: 30 October 2025	47 of 108
SCALE: 1" = 1'-0"	

10/29/2025 4:37:38 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt

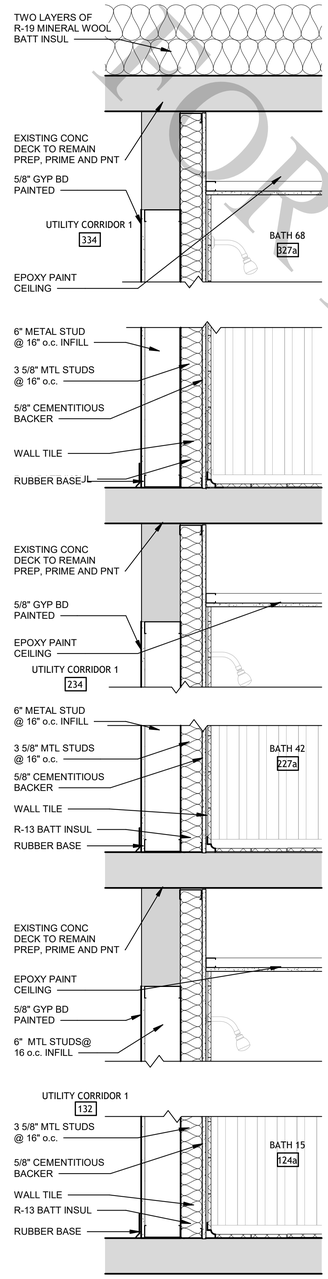


NOTE:
1. FLOOR/CEILING ASSUMED STC RATING OF 60

1 INTERIOR PARTITION M6

1" = 1'-0"

0 1' 2' 4'

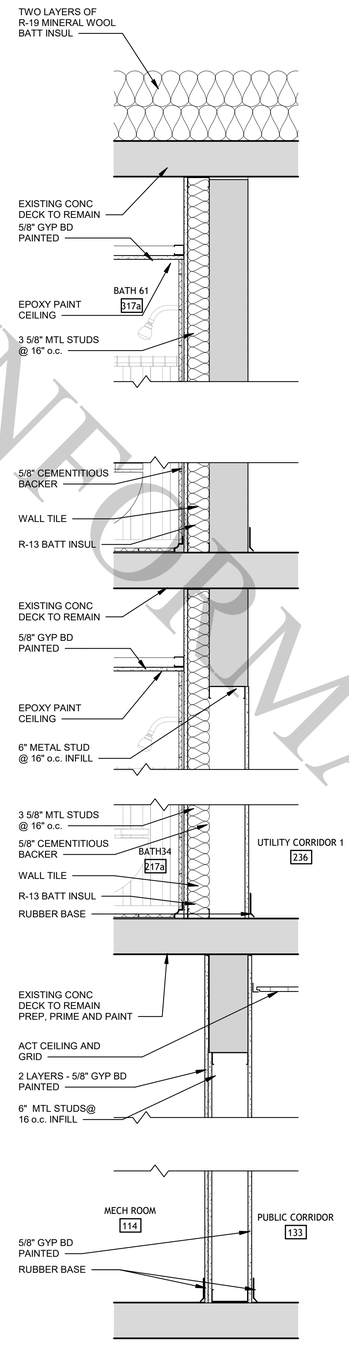


NOTE:
1. FLOOR/CEILING ASSUMED STC RATING OF 60

2 INTERIOR PARTITION M8

1" = 1'-0"

0 1' 2' 4'

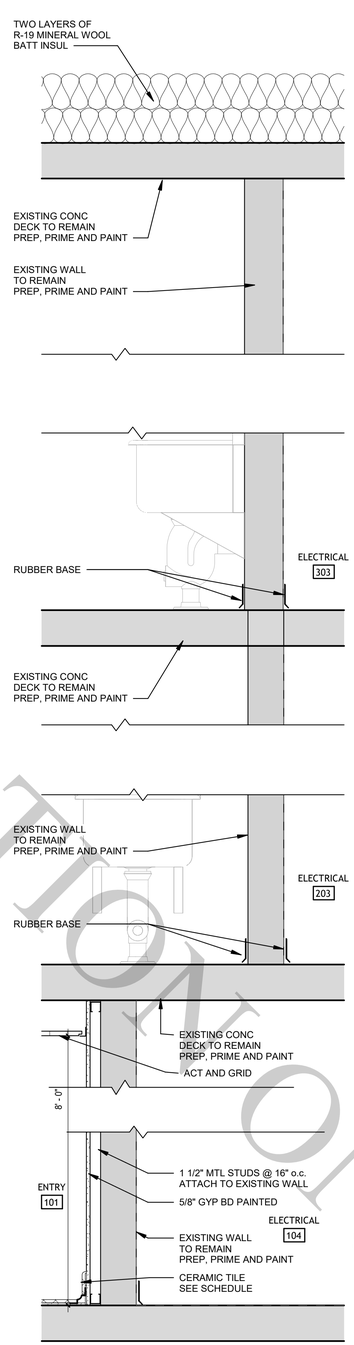


NOTE:
1. FLOOR/CEILING ASSUMED STC RATING OF 60

3 INTERIOR PARTITION M9

1" = 1'-0"

0 1' 2' 4'

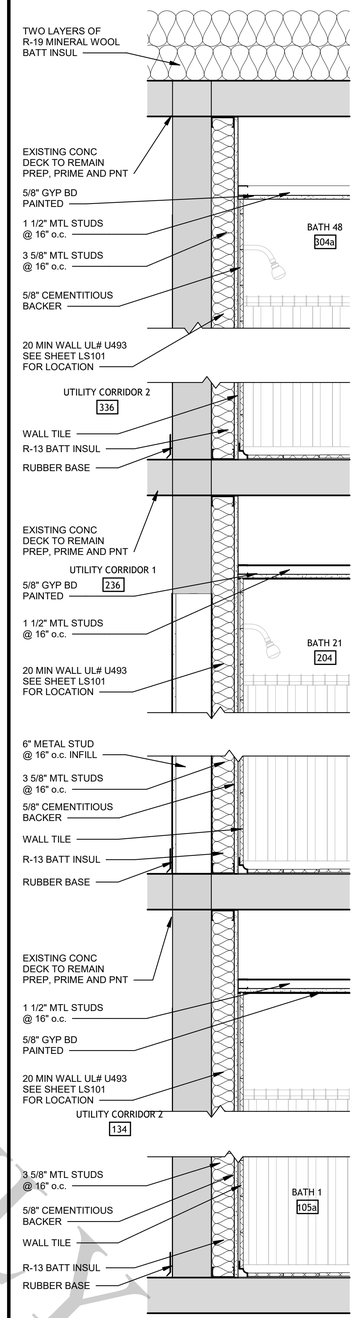


NOTE:
1. FLOOR/CEILING ASSUMED STC RATING OF 60

4 INTERIOR PARTITION M10

1" = 1'-0"

0 1' 2' 4'



NOTE:
1. FLOOR/CEILING ASSUMED STC RATING OF 60

5 INTERIOR PARTITION M11

1" = 1'-0"

0 1' 2' 4'

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

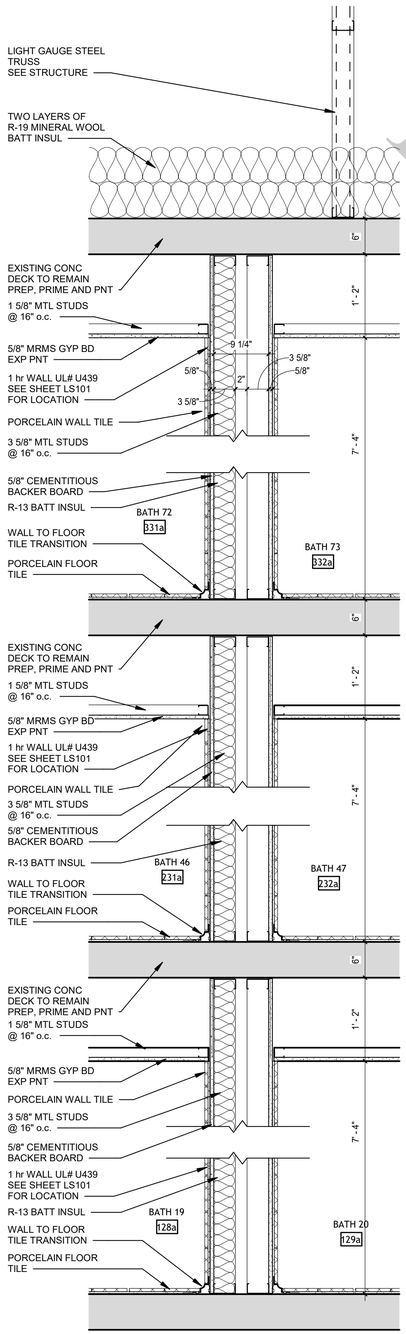
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
INTERIOR PARTITIONS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A404
DATE: 30 October 2025	48 of 108
SCALE: 1" = 1'-0"	

X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt
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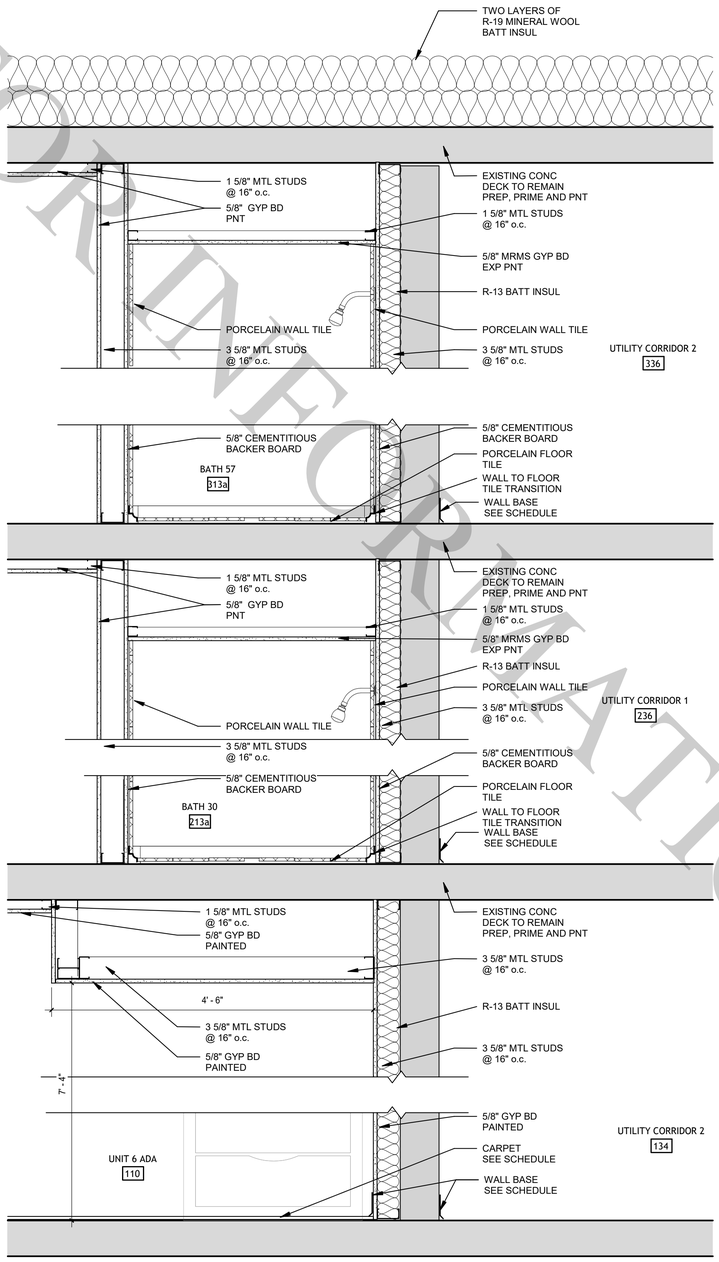


1 INTERIOR PARTITION M12

1" = 1'-0"

0 1' 2' 4'

NOTE:
1. PARTITIONS BETWEEN UNITS STC RATING OF 50
2. FLOOR/CEILING ASSUMED STC RATING OF 60



2 INTERIOR PARTITION @ ADA ROOM FUR DOWN

1" = 1'-0"

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ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

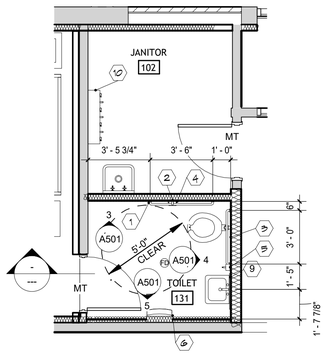
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
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REPAIR (R & M) AIRMEN DORM B860

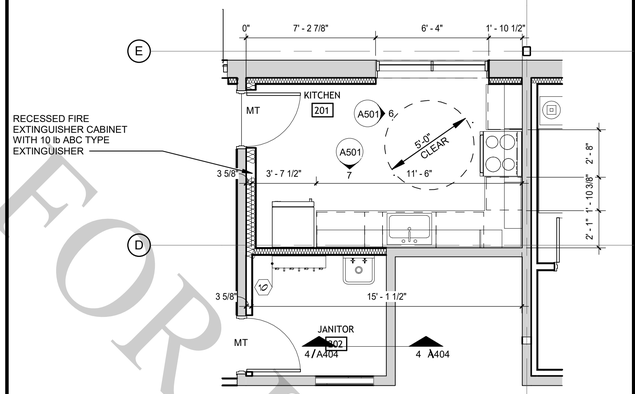
SHEET TITLE:
INTERIOR PARTITIONS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A405
DATE: 30 October 2025	
SCALE: 1" = 1'-0"	49 of 108

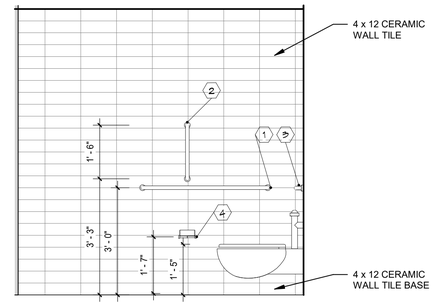
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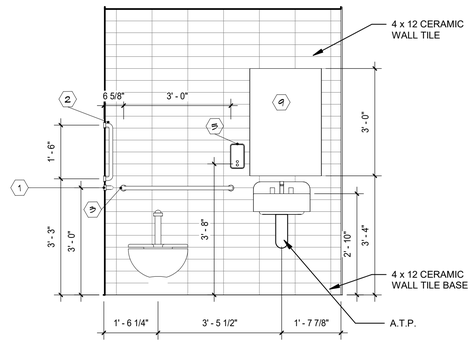
1 ENLARGED TOILET 131 PLAN
1/4" = 1'-0"



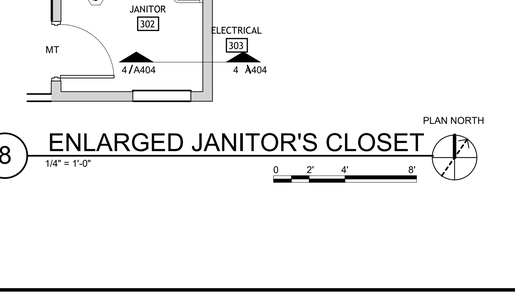
2 ENLARGED KITCHEN PLAN
1/4" = 1'-0"



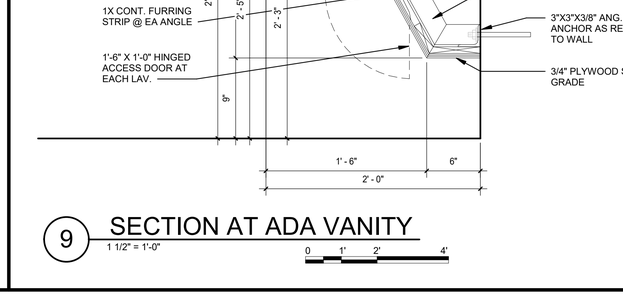
3 TOILET 131 NORTH ELEVATION
1/2" = 1'-0"



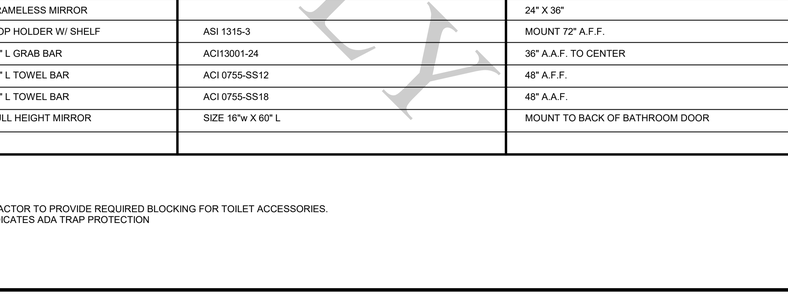
4 TOILET 131 EAST ELEVATION
1/2" = 1'-0"



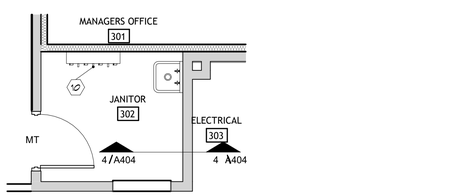
5 TOILET 131 SOUTH ELEVATION
1/2" = 1'-0"



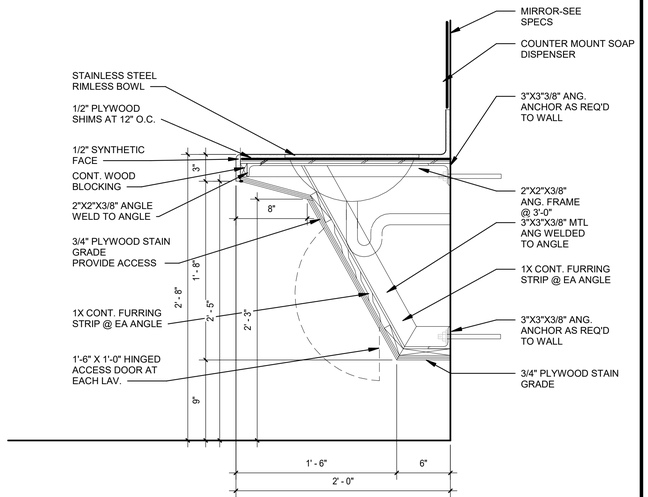
6 KITCHEN 201 EAST ELEVATION
1/2" = 1'-0"



7 KITCHEN 201 SOUTH ELEVATION
1/2" = 1'-0"



8 ENLARGED JANITOR'S CLOSET
1/4" = 1'-0"



9 SECTION AT ADA VANITY
1 1/2" = 1'-0"

TOILET ACCESSORIES SCHDEULE

MARK ITEM		MANUFACTURERE AND MODEL #	MOUNTING HEIGHT
1	42" L GRAB BAR	ACI3001- 42	36" A.F.F. TO CENTER
2	18" L GRAB BAR	ACI3001- 18	36" A.F.F.
3	36" L GRAB BAR	ACI3001- 36	36" A.F.F. TO CENTER
4	TOILET PAPER HOLDER	ACI - 7402-B	24" A.F.F. TO CENTERLINE (19" MINIMUM AT HC TOILETS)
5	SOAP DISPENSER WALL	ACI - 9343	
6	S.S. PAPER TOWEL DISPENSER/ S.S. TRASH RECEPTACLE	ASI - 20469-9	48" A.F.F. MAX TO TOWELS
7	SHOWER CURTAIN ROD	ASI 1214-1	72" A.F.F.
8	TOWEL HOOK	ACI 7340-B	MOUNT ABOVE MIRROR BACK OF BATHROOM DOOR
9	FRAMELESS MIRROR		24" X 36"
10	MOP HOLDER W/ SHELF	ASI 1315-3	MOUNT 72" A.F.F.
11	24" L GRAB BAR	ACI13001-24	36" A.A.F. TO CENTER
12	12" L TOWEL BAR	ACI 0755-SS12	48" A.F.F.
13	18" L TOWEL BAR	ACI 0755-SS18	48" A.A.F.
14	FULL HEIGHT MIRROR	SIZE 16"w X 60" L	MOUNT TO BACK OF BATHROOM DOOR

NOTE:
1. CONTRACTOR TO PROVIDE REQUIRED BLOCKING FOR TOILET ACCESSORIES.
2. ATP INDICATES ADA TRAP PROTECTION

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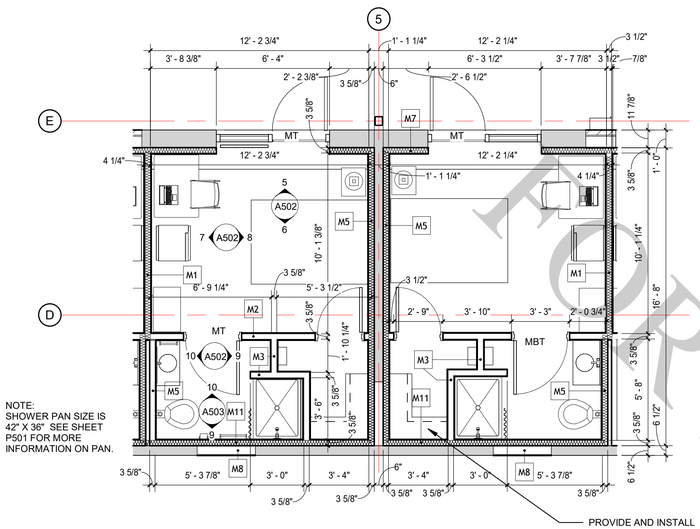
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

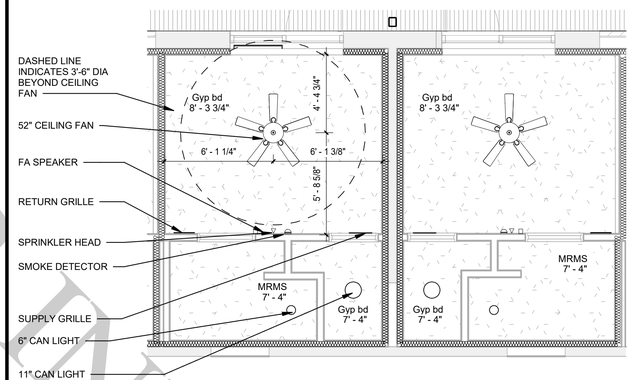
SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A501
DATE: 30 October 2025	
SCALE: As indicated	50 of 108

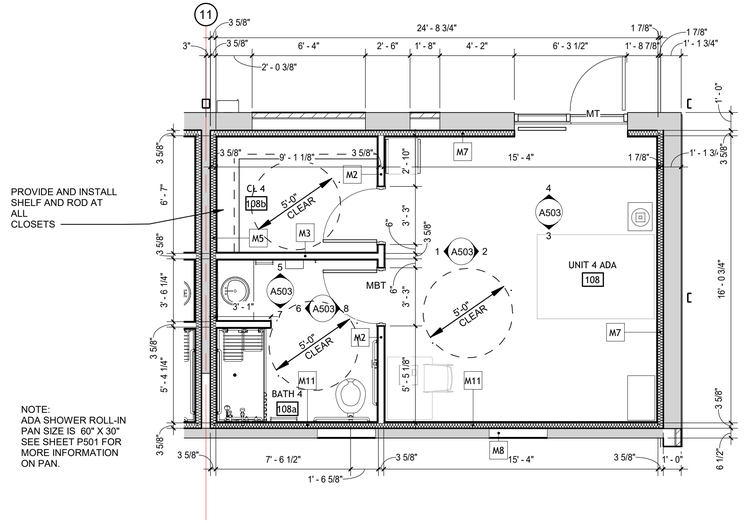
10/29/2025 4:37:40 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



1 ENLARGED UNIT FLOOR PLAN
1/4" = 1'-0"



2 ENLARGED UNIT CEILING PLAN
1/4" = 1'-0"



3 ENLARGED ADA ROOM
1/4" = 1'-0"

4 ENLARGED ADA UNIT CEILING PLAN
1/4" = 1'-0"

5 INTERIOR ELEV FACING EXTERIOR WALL
1/2" = 1'-0"

6 INTERIOR ELEV FACING TOILET WALL
1/2" = 1'-0"

7 INTERIOR ELEV FACING DESK
1/2" = 1'-0"

8 INTERIOR ELEV FACING BED
1/2" = 1'-0"

9 INTERIOR ELEV FACING SHOWER
1/2" = 1'-0"

10 INTERIOR ELEV FACING LAV
1/2" = 1'-0"

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PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APPD

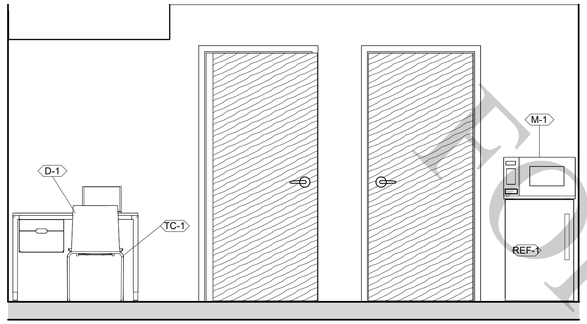
PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
ENLARGED PLANS AND ELEVATIONS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A502
DATE: 30 October 2025	
SCALE: As indicated	51 of 108

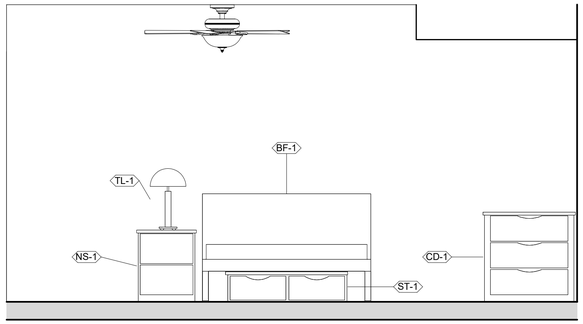
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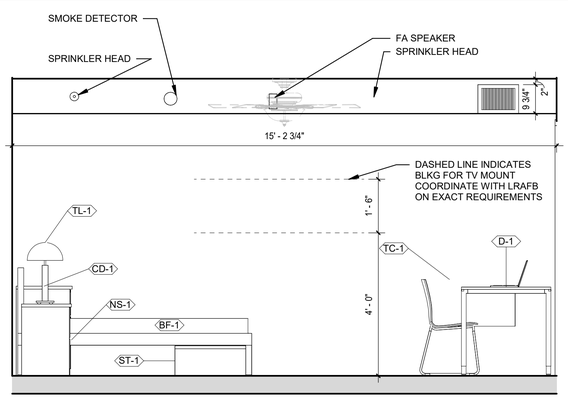
1 INTERIOR ELEVATIONS FACING TOILET ADA
1/2" = 1'-0"

0 2' 4' 8'



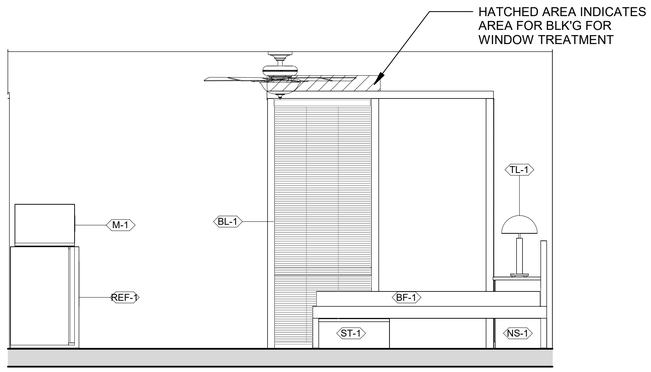
2 INTERIOR ELEVATION FACING BED ADA
1/2" = 1'-0"

0 2' 4' 8'



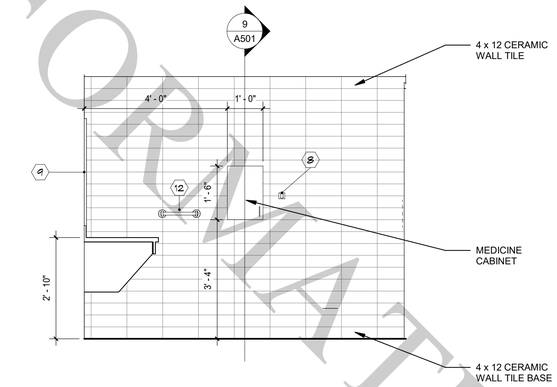
3 INTERIOR ELEV FACING CORRIDOR ADA
1/2" = 1'-0"

0 2' 4' 8'



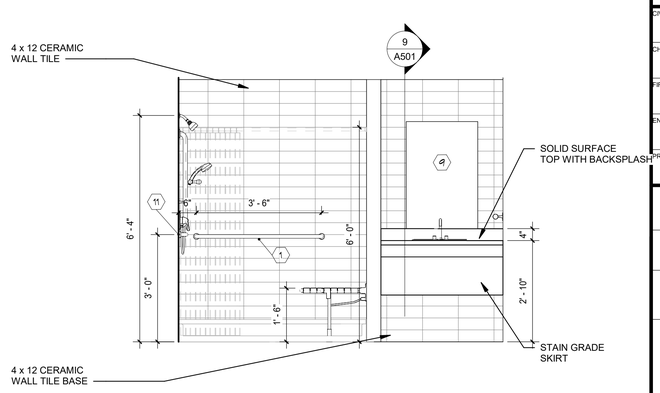
4 INTERIOR ELEVATION FACING EXTERIOR ADA
1/2" = 1'-0"

0 2' 4' 8'



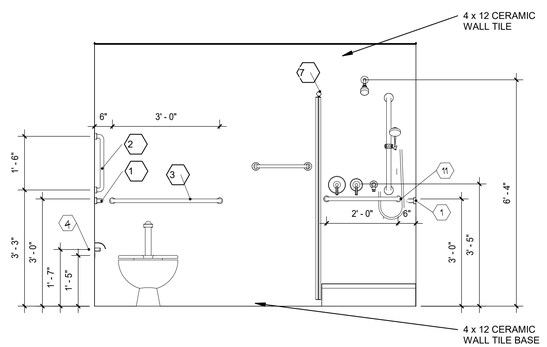
5 INTERIOR ELEV FACING CLOSET ADA
1/2" = 1'-0"

0 2' 4' 8'



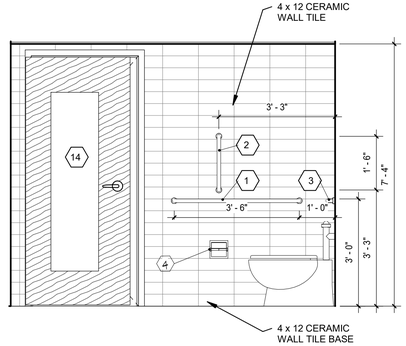
6 INTERIOR ELEV FACING SHOWER ADA
1/2" = 1'-0"

0 2' 4' 8'



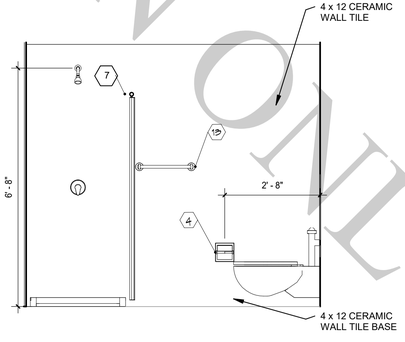
7 INTERIOR ELEVATIONS FACING CORRIDOR ADA
1/2" = 1'-0"

0 2' 4' 8'



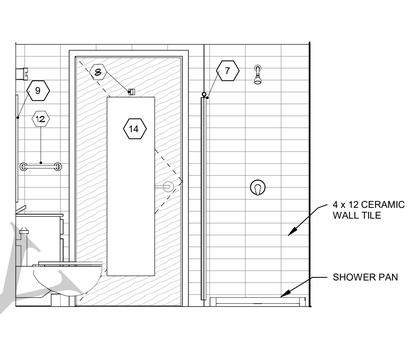
8 INTERIOR ELEVATION FACING UNIT ADA
1/2" = 1'-0"

0 2' 4' 8'



9 INTERIOR FACING COR. WALL
1/2" = 1'-0"

0 2' 4' 8'



10 ELEV FACING UNIT WALL
1/2" = 1'-0"

0 2' 4' 8'

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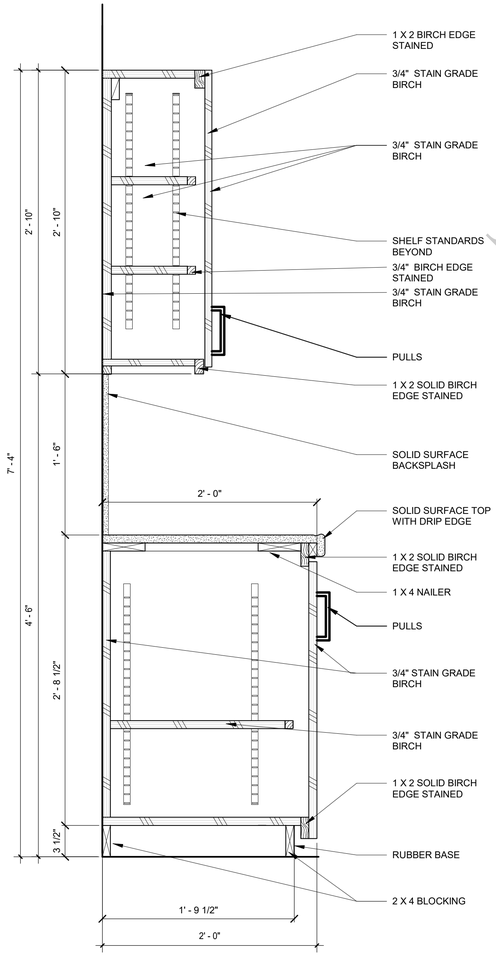
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
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REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
ENLARGED ELEVATIONS

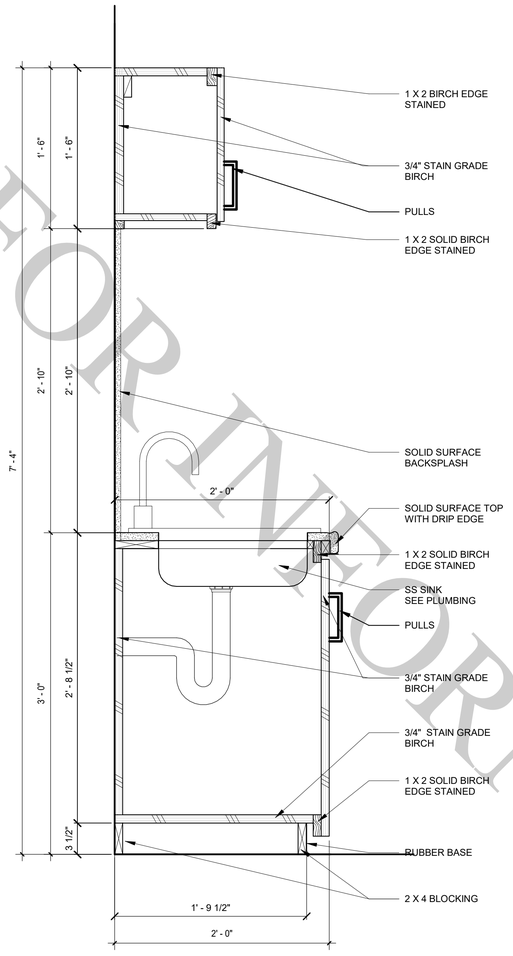
DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A503
DATE: 30 October 2025	
SCALE: 1/2" = 1'-0"	52 of 108

12/10/2025 10:49:28 AM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt



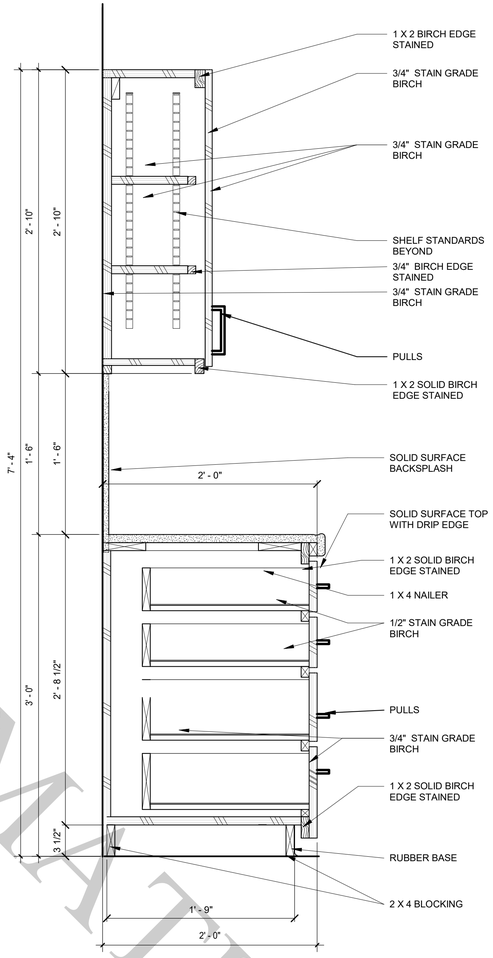
1 MILLWORK SECTION

1 1/2" = 1'-0"



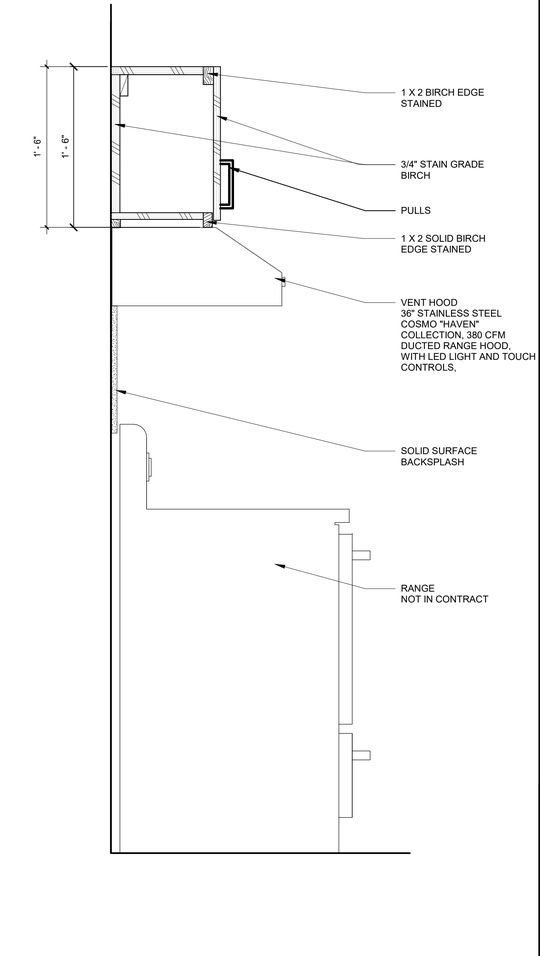
2 MILLWORK SECTION 2

1 1/2" = 1'-0"



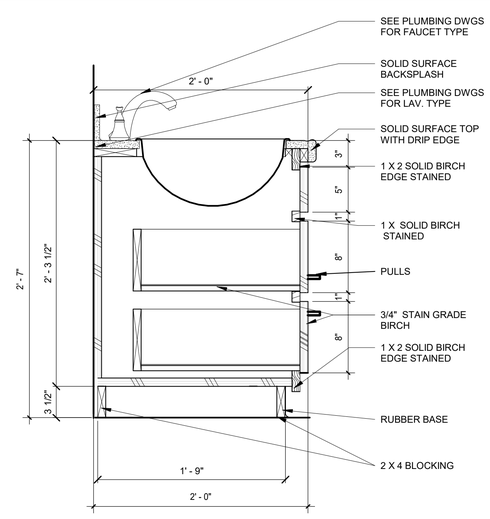
3 MILLWORK SECTION 3

1 1/2" = 1'-0"



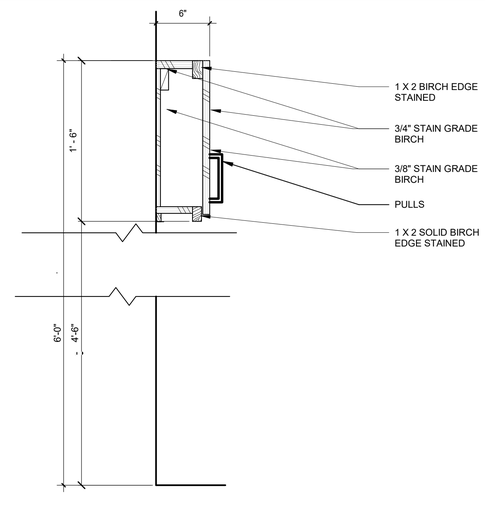
4 MILLWORK SECTION 4

1 1/2" = 1'-0"



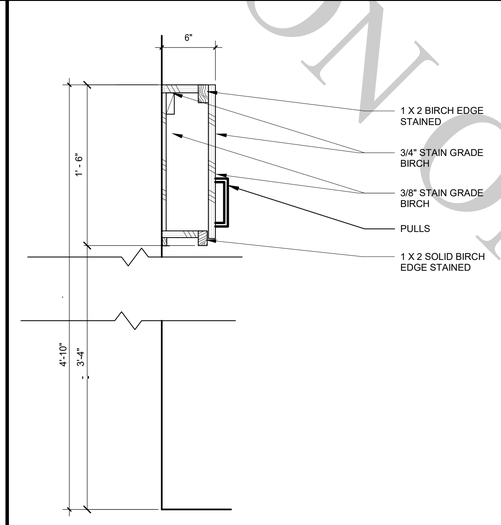
5 MILLWORK SECTION @ VANITY

1 1/2" = 1'-0"



6 MILLWORK SECTION @ MEDICINE CAB.

1 1/2" = 1'-0"



7 MILLWORK SECTION @ MEDICINE CAB ADA

1 1/2" = 1'-0"

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No. C256
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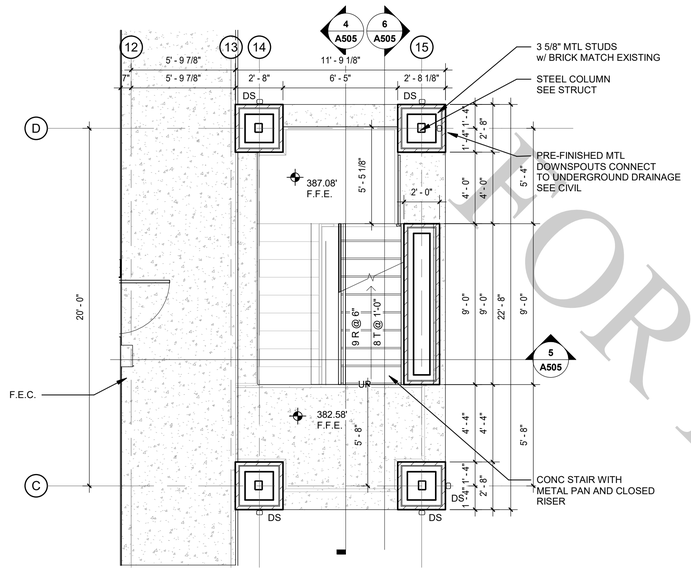
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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

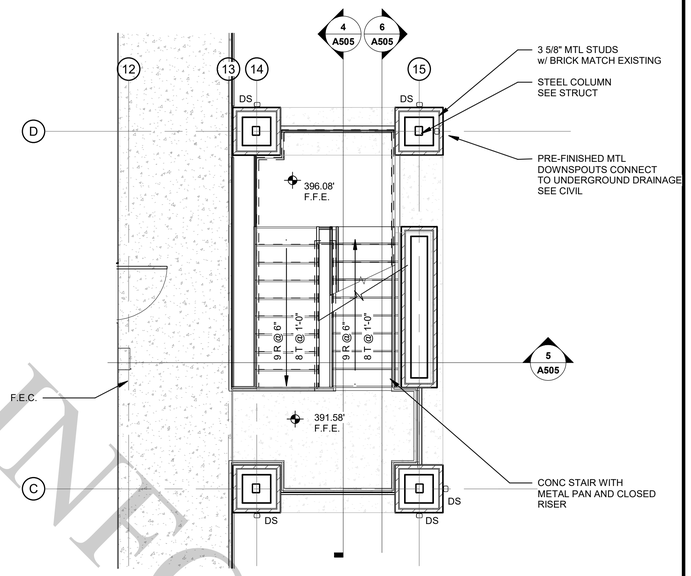
PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
MILLWORK SECTION

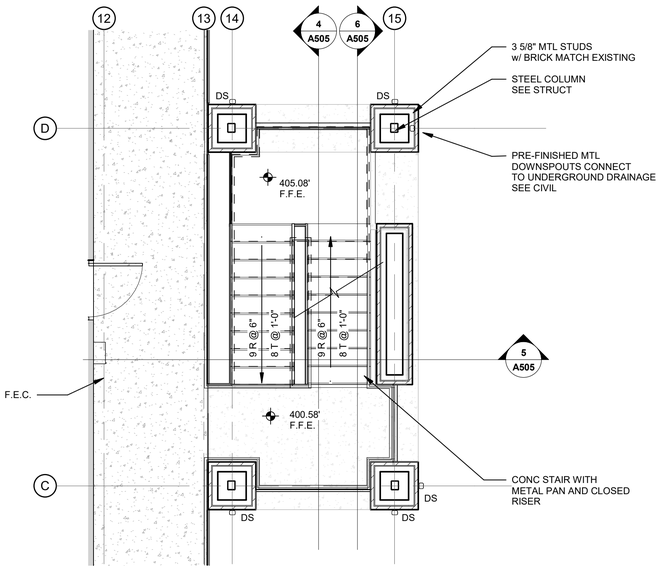
DRAWN BY:	LEAD DESIGNER:
Author	Designer
REVIEWER:	PROJECT NUMBER:
Checker	NKAK 23-1001
BY:	
KGK	A504
DATE:	
30 October 2025	
SCALE:	53 of 108
1 1/2" = 1'-0"	



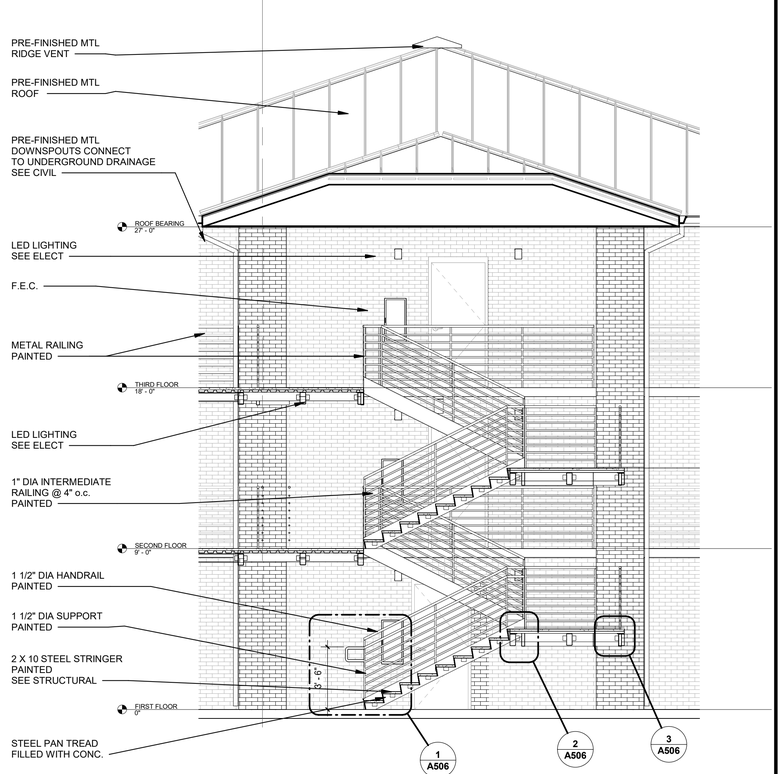
1 1st FLOOR ENLARGED STAIR PLAN
1/4" = 1'-0"
0 2' 4' 8'
PLAN NORTH



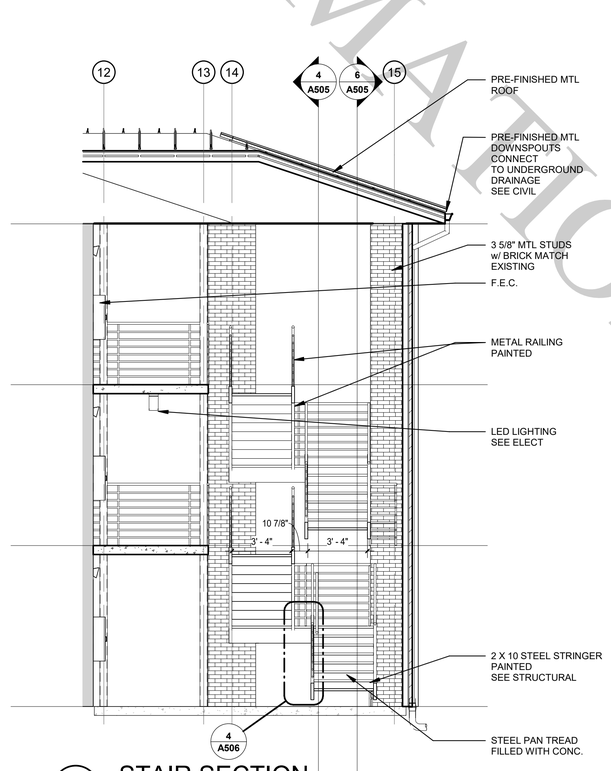
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1/4" = 1'-0"
0 2' 4' 8'
PLAN NORTH



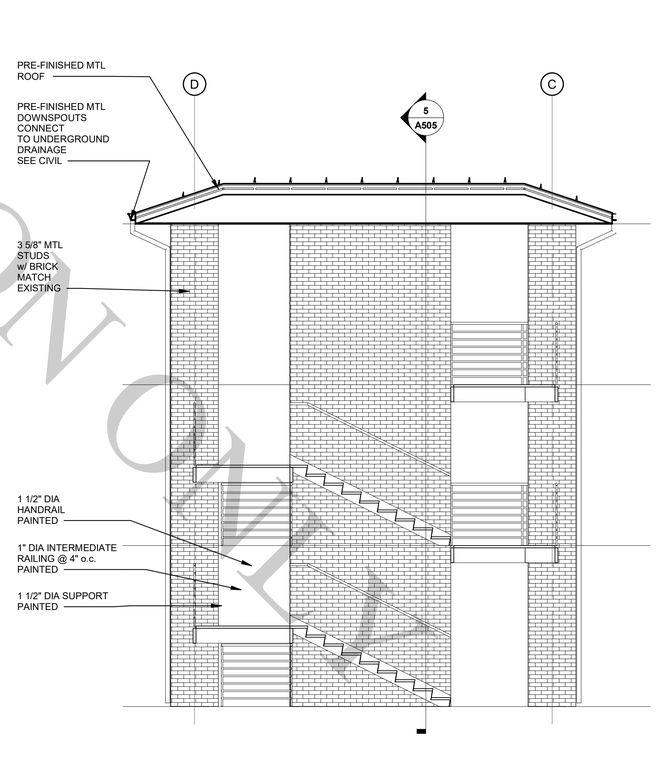
3 3rd FLOOR ENLARGED STAIR PLAN
1/4" = 1'-0"
0 2' 4' 8'
PLAN NORTH



4 SECTION AT STAIR
1/4" = 1'-0"
0 2' 4' 8'



5 STAIR SECTION
1/4" = 1'-0"
0 2' 4' 8'



6 SECTION AT STAIR1
1/4" = 1'-0"
0 2' 4' 8'

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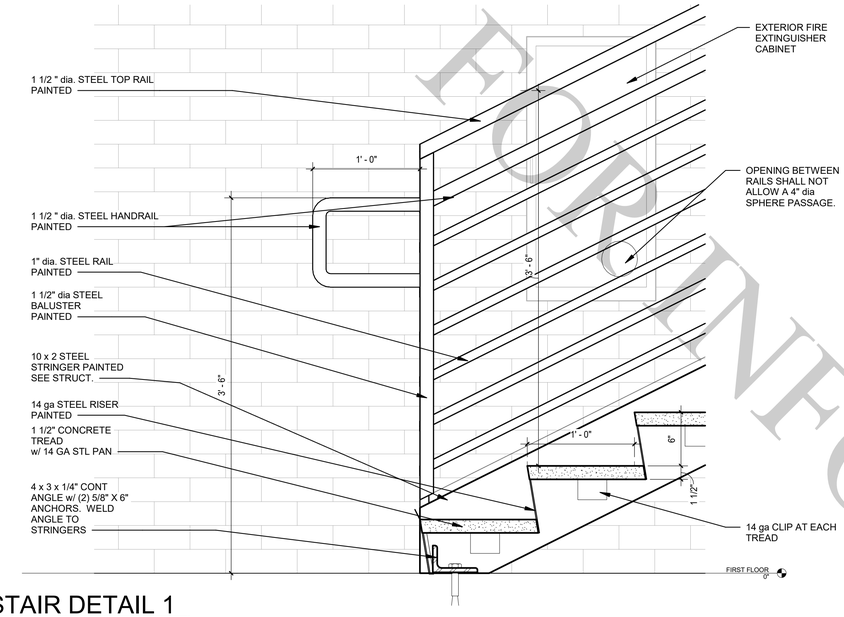
MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
ENLARGED STAIR PLANS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A505
DATE: 30 October 2025	
SCALE: 1/4" = 1'-0"	54 of 108

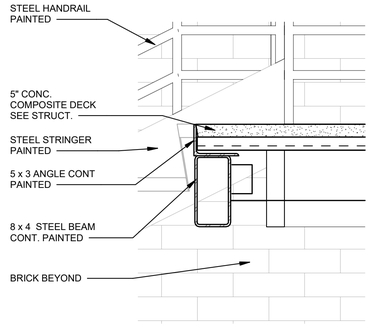
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1 STAIR DETAIL 1

1 1/2" = 1'-0"

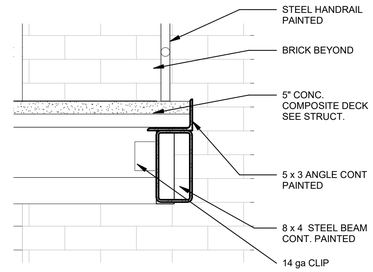
0 0.25' 0.5' 1' 1.5'



2 STAIR DETAIL 2

1 1/2" = 1'-0"

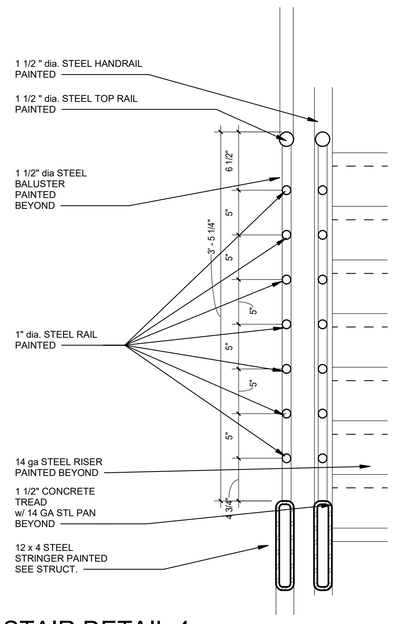
0 0.25' 0.5' 1' 1.5'



3 STAIR DETAIL 3

1 1/2" = 1'-0"

0 0.25' 0.5' 1' 1.5'



4 STAIR DETAIL 4

1 1/2" = 1'-0"

0 0.25' 0.5' 1' 1.5'

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ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
STAIR DETAILS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A506
DATE: 30 October 2025	
SCALE: 1 1/2" = 1'-0"	55 of 108

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10/29/2025 4:37:47 PM

Door Schedule

Door Number	Door			Frame		DOOR TYPE	Material	Fire Rating	Hardware	STC RATING	Comments
	Width	Height	Thickness	Type	Material						
100	3' - 0"	7' - 0"	1 3/4"	C	HOLLOW METAL PAINTED	8	HOLLOW METAL DOOR		1		
101	3' - 0"	7' - 0"	1 3/4"	C	HOLLOW METAL PAINTED	8	HOLLOW METAL DOOR		1		
102	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		
103	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		
105	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
105a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
105b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
106	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
106a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
106b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
107	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
107a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
107b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
108	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
108a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
108b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
109	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
109a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
109b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
110	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
110a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
110b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
111	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
111a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
111b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
112	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
112a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
112b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
113	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	1	INSULATED METAL DOOR		6		
114	6' - 0"	7' - 0"	1 3/4"	B	HOLLOW METAL PAINTED	7	INSULATED METAL DOOR		12		
115a	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	8	INSULATED METAL DOOR		6	50	
115b	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	4	SOILD CORE WOOD	20 MIN	6		
116	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	6	INSULATED METAL DOOR		9		
117	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	1	HOLLOW METAL DOOR		4		
118	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
118a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
118b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
119	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
119a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
119b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
120	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
120a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
120b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
121	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
121a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
121b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
122	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
122a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
122b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
123	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
123a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
123b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
124	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
124a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
124b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
125	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
125a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
125b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
126	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
126a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
126b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
127	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
127a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
127b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
128	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
128a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
128b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
129	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
129a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		3		
129b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		4		
130	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	4	SOILD CORE WOOD		7		
131	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		5		
132a	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	1	INSULATED METAL DOOR		8		
132b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		
134a	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	1	INSULATED METAL DOOR		8		
134b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		
200	3' - 0 1/4"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	8	HOLLOW METAL DOOR		1		
201	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	4	SOILD CORE WOOD		4		
202	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		
204	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
204a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
204b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
205	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
205a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
205b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
206	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
206a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
206b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
207	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
207a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
207b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
208	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
208a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
208b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
209	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
209a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
209b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
210	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
210a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
210b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
211	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
211a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
211b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
212	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
212a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
212b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
213	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
213a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
213b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		

Door Schedule

Door Number	Door			Frame		DOOR TYPE	Material	Fire Rating	Hardware	STC RATING	Comments
	Width	Height	Thickness	Type	Material						
214	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
214a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
214b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
215	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
215a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
215b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
216	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
216a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
216b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
217	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
217a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
217b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
218	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	8	INSULATED METAL DOOR		6	50	
218b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD	20 MIN	4		
219	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	6	INSULATED METAL DOOR		9		
220	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		
221	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
221a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
221b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
222	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
222a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
222b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
223	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
223a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
223b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
224	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
224a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
224b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
225	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
225a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
225b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
226	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
226a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
226b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
227	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
227a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
227b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
228	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
228a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
228b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
229	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
229a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
229b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
230	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
230a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
230b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
231	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
231a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
231b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
232	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
232a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
232b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
233	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		7		
234a	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	1	INSULATED METAL DOOR		8		
234b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		
236a	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	1	INSULATED METAL DOOR		8		
236b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		
300	3' - 0 1/4"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	8	HOLLOW METAL DOOR		1		
301	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	4	SOILD CORE WOOD		11		
302	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		
304	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
304a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
304b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
305	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
305a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
305b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
306	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
306a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
306b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
307	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
307a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
307b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
308	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
308a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
308b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
309	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
309a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
309b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
310	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
310a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
310b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
311	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
311a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
311b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
312	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
312a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
312b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
313	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
313a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
313b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
314	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
314a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
314b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
315	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
315a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
315b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
316	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
316a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
316b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
317	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
317a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
317b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
318a	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	8	INSULATED METAL DOOR		6	50	
318b	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	4	SOILD CORE WOOD	20 MIN	10		
319	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	6	INSULATED METAL DOOR		9		
320	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	1	HOLLOW METAL DOOR		10		
321	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
321a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
321b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		

FOR INFORMATION ONLY

AIR MOBILITY COMMAND

Little Rock A.F.B Arkansas

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

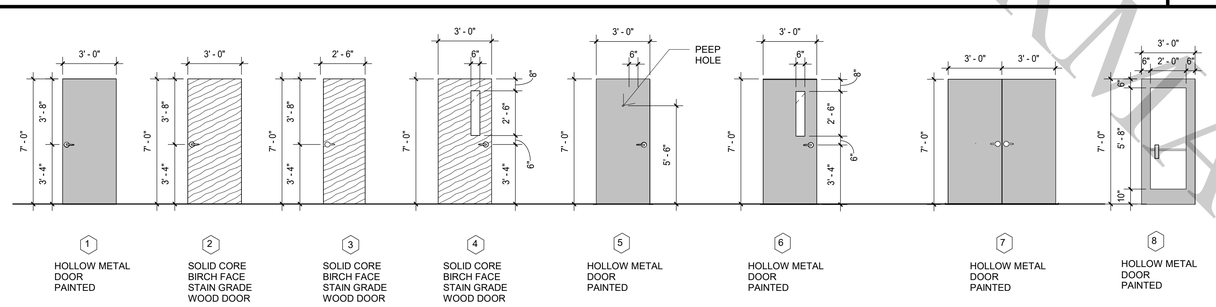
PROJECT TITLE: **LITTLE ROCK AIR FORCE BASE REPAIR (R & M) AIRMEN DORM B860**

SHEET TITLE: DOOR AND WINDOW SCHEDULE

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A601
DATE: 30 October 2025	
SCALE:	56 of 108

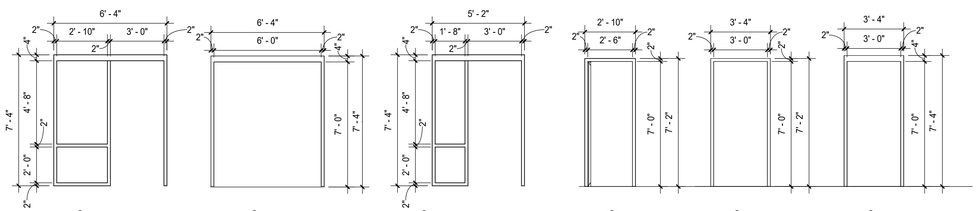
Door Schedule

Door Number	Door			Frame		DOOR TYPE	Material	Fire Rating	Hardware	STC RATING	Comments
	Width	Height	Thickness	Type	Material						
322	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
322a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
322b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
323	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
323a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
323b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
324	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
324a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
324b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
325	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
325a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
325b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
326	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
326a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
326b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
327	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
327a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
327b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
328	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
328a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
328b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
329	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
329a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
329b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
330	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
330a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
330b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
331	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
331a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
331b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
332	3' - 0"	7' - 0"	1 3/4"	A	HOLLOW METAL PAINTED	5	INSULATED METAL DOOR		2	50	
332a	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		4		
332b	2' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL PAINTED	3	SOILD CORE WOOD		3		
333	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	4	SOILD CORE WOOD		7		
334a	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	1	INSULATED METAL DOOR		8		
334b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		
336a	3' - 0"	7' - 0"	1 3/4"	F	HOLLOW METAL PAINTED	1	INSULATED METAL DOOR		8		
336b	3' - 0"	7' - 0"	1 3/4"	E	HOLLOW METAL PAINTED	2	SOILD CORE WOOD		10		



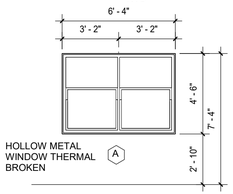
1 HOLLOW METAL DOOR PAINTED
2 SOLID CORE BIRCH FACE STAIN GRADE WOOD DOOR
3 SOLID CORE BIRCH FACE STAIN GRADE WOOD DOOR
4 SOLID CORE BIRCH FACE STAIN GRADE WOOD DOOR
5 HOLLOW METAL DOOR PAINTED
6 HOLLOW METAL DOOR PAINTED
7 HOLLOW METAL DOOR PAINTED
8 HOLLOW METAL DOOR PAINTED

DOOR ELEVATION
NTS



A HOLLOW METAL DOOR AND FRAME PAINTED
B HOLLOW METAL DOOR AND FRAME PAINTED
C HOLLOW METAL DOOR AND FRAME PAINTED
D HOLLOW METAL DOOR AND FRAME PAINTED
E HOLLOW METAL DOOR AND FRAME PAINTED
F HOLLOW METAL DOOR AND FRAME PAINTED

DOOR FRAME ELEVATIONS
NTS



A HOLLOW METAL WINDOW THERMAL BROKEN

WINDOW ELEVATIONS
NTS

HARDWARE 1				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	DEADBOLT	BEST	8T3	US32D
1	CLOSER	LCN	4020N	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	
1	PANIC AND LEVER	VON PUPRIN	CD9948L	US32D
1	VERTICAL ROD DEVICE	VON PUPRIN	99 CONC.	US32D
1	METAL THRESHOLD	HAGER	417S	US32D
1	WEATHER STRIPING	HAGER	863S	
1	DOOR BOTTOM SWEEP	HAGER	770S/B	US32D

HARDWARE 2				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	DEADBOLT	BEST	8T3	US32D
1	LEVER SET PASSAGE	BEST	9K7N15DSTK	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	
1	METAL THRESHOLD	HAGER	417S	US32D
1	WEATHER STRIPING	HAGER	863S	

HARDWARE 3				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	LEVER SET CLOSET	BEST	9K7R15DSTK	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	

HARDWARE 4				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	LEVER SET PRIVACY LOCK	BEST	9K7P15DSTK	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	

HARDWARE 5				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	MORTISE LOCK AND LEVER	BEST	45H0AB15HVIBEO	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	

HARDWARE 6				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	DEADBOLT	BEST	8T3	US32D
1	CLOSER	LCN	4020N	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	
2	PUSH - PULL	ROCKWOOD	110 X 70	US32D
1	METAL THRESHOLD	HAGER	417S	US32D
1	WEATHER STRIPING	HAGER	863S	
1	DOOR BOTTOM SWEEP	HAGER	770S/B	US32D
1	RAINDRIP	PEMKO	346	US32D

HARDWARE 7				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	DEADBOLT	BEST	8T3	US32D
1	CLOSER	LCN	4020N	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	
2	PUSH - PULL	ROCKWOOD	110 X 70	US32D

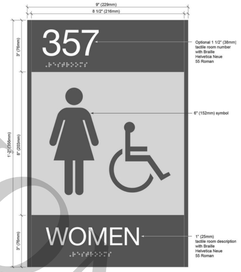
HARDWARE 9				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	DEADBOLT	BEST	8T3	US32D
2	PUSH - PULL	ROCKWOOD	110 X 70	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	
1	METAL THRESHOLD	HAGER	417S	US32D
1	WEATHER STRIPING	HAGER	863S	
1	RAIN DRIP	PEMKO	346	US32D

HARDWARE 8				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	DEADBOLT	BEST	8T3	US32D
2	PUSH - PULLS	ROCKWOOD	110 X 70	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	
1	METAL THRESHOLD	HAGER	417S	US32D
1	WEATHER STRIPING	HAGER	863S	

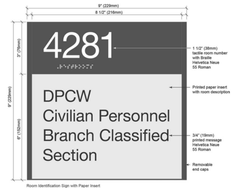
HARDWARE 11				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	LEVER SET OFFICE	BEST	9K7UA15DSTK	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	

HARDWARE 10				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
3	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	DEADBOLT	BEST	8T3	US32D
1	CLOSER	LCN	4020N	US32D
3	SILENCERS (RUBBER)	TELL	DT100030	
2	PUSH - PULL	ROCKWOOD	110 X 70	US32D

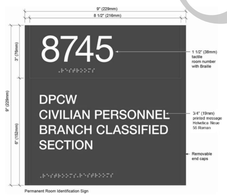
HARDWARE 12				
QUANTITY	DESCRIPTION	MANUF.	MODEL	FINISH
6	BUTTS (4 1/2" X 4 1/2") BALL BEARING	HAGER	BB1199	US32D
1	DEADBOLT	BEST	8T3	US32D
4	PUSH - PULL	ROCKWOOD	110 X 70	US32D
6	SILENCERS (RUBBER)	TELL	DT100030	
1	METAL THRESHOLD	HAGER	417S	US32D
1	WEATHER STRIPING	HAGER	863S	
1	RAIN DRIP	PEMKO	346	US32D



1



2



3



4

NOTES:
1. REFER TO ROOM FINISH SCHEDULE FOR SIGN TYPE REQUIRED AT EACH ROOM
2. ATTACHED SIGNS MECHANICALLY WITH PROPER ANCHOR AT EACH CORNER

SIGN TYPE ASSIGNMENT
NTS

CONSTRUCTION INFORMATION ONLY

Little Rock A.F.B
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No. C256
ARKANSAS ARCHITECT

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
DOOR AND WINDOW SCHEDULE

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A602
DATE: 30 October 2025	
SCALE: As indicated	57 of 108

10/29/2025 4:37:48 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt

ROOM SCHEDULE

Room Number	Name	FLOOR			BASE		WALL				SOLID SURFACE	CEILING		CEILING		SIGN TYPE	Comments
		CARPET TILE	TILE	SEALED CONC	RUBBER BASE	TILE BASE	NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL		GYP BD PNT	MRMS. GYP BD EPX PNT	ACT 1	EXISTING EXPOSED		
100	VESTIBULE		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	
101	ENTRY		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		N/A	
102	JANITOR			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	EPOXY PAINT WALLS
103	STORAGE			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
104	ELECTRICAL			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
105	UNIT 1	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
105a	BATH 1		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
105b	CL 1	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
106	UNIT 2	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
106a	BATH 2		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
106b	CL 2	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
107	UNIT 3 ADA	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
107a	BATH 3		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
107b	CL 3	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
108	UNIT 4 ADA	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
108a	BATH 4		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
108b	CL 4	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
109	UNIT 5 ADA	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
109a	BATH 5		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
109b	CL 5	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
110	UNIT 6 ADA	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
110a	BATH 6		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
110b	CL 6	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
111	UNIT 7	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
111a	BATH 7		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
111b	CL 7	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
112	UNIT 8	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
112a	BATH 8		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
112b	CL 8	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
113	MECH ROOM			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
114	MECH ROOM			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
115	LAUNDRY		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	EPOXY PAINT WALLS
116	RISER RM			SC	RB-1		P-1	P-1	P-1	P-1					P6	N/A	
117	COMS			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
118	UNIT 9	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
118a	BATH 9		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
118b	CL 9	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
119	UNIT 10	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
119a	BATH 10		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
119b	CL 10	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
120	UNIT 11	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
120a	BATH 11		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
120b	CL 11	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
121	UNIT 12	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
121a	BATH 12		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
121b	CL 12	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
122	UNIT 13	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
122a	BATH 13		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
122b	CL 13	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
123	UNIT 14	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
123a	BATH 14		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
123b	CL 14	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
124	UNIT 15	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
124a	BATH 15		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
124b	CL 15	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
125	UNIT 16	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
125a	BATH 16		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
125b	CL 16	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
126	UNIT 17	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
126a	BATH 17		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
126b	CL 17	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
127	UNIT 18	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
127a	BATH 18		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
127b	CL 18	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
128	UNIT 19	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
128a	BATH 19		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
128b	CL 19	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
129	UNIT 20	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
129a	BATH 20		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
129b	CL 20	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
130	MULTI-PURPOSE RM		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	
131	TOILET		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C				ACT-1		2	
132	UTILITY CORRIDOR 1			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
133	PUBLIC CORRIDOR		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	
134	UTILITY CORRIDOR 2			SC	RB-1		P-1	P-1	P-1	P-1						3	
200	ENTRY 2nd LEVEL		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	
201	KITCHEN		CT-1			CT-1	P-1	P-1	P-1	P-1	SS-1			ACT-1		3	
202	JANITOR			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	EPOXY PAINT WALLS
203	ELECTRICAL			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
204	UNIT 21	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
204	BATH 21		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
204b	CL 21	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
205	UNIT 22	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
205a	BATH 22		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
205b	CL 22	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
206	UNIT 23	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
206a	BATH 23		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
206b	CL 23	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
207	UNIT 24	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
207a	BATH 24		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
207b	CL 24	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
208	UNIT 25	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
208a	BATH 25		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
208b	CL 25	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
209	UNIT 26	CP-2	CT-2B		RB-1		P-1	P-1	P-1	P-3		P5				4	
209a	BATH 26		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
209b	CL 26	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
210	UNIT 27	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
210a	BATH 27		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
210b	CL 27	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
211	UNIT 28	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
211a	BATH 28		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
211b	CL 28	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
212	UNIT 29	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
212a	BATH 29		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
212b	CL 29	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	

ROOM SCHEDULE

Room Number	Name	FLOOR			BASE		WALL				SOLID SURFACE	CEILING		CEILING		SIGN TYPE	Comments
		CARPET TILE	TILE	SEALED CONC	RUBBER BASE	TILE BASE	NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL		GYP BD PNT	MRMS. GYP BD EPX PNT	ACT 1	EXISTING EXPOSED		
213	UNIT 30	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
213a	BATH 30		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
213b	CL 30	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
214	UNIT 31	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
214a	BATH 31		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
214b	CL 31	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
215	UNIT 32	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
215A	BATH 32		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
215b	CL 32	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
216	UNIT 33	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
216a	BATH 33		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
216b	CL 33	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
217	UNIT 34	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
217a	BATH34		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
217b	CL 34	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
218	LAUNDRY 2nd LEVEL		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	EPOXY PAINT WALLS
219	STORAGE			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
220	COMS			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
221	UNIT 35	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
221a	BATH 35		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
221b	CL 35	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
222	UNIT 36	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
222a	BATH 36		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
222b	CL 36	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
223	UNIT 37	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
223a	BATH 38		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
223b	CL 38	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
224	UNIT 39	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
224a	BATH 39		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
224b	CL 39	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
225	UNIT 40	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
225a	BATH 40		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
225b	CL 40	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
226	UNIT 41	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
226a	BATH 41		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
226b	CL 41	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
227	UNIT 42	CP-1	LVT-B		RB-1		P-1	P-1	P-2	P-1		P5				4	
227a	BATH 42		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
227b	CL 42	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
228	UNIT 43	CP-2	LVT-A		RB-1		P-1	P-1	P-1	P-3		P5				4	
228a	BATH 43		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
228b	CL 43	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
229	UNIT 44	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
229a	BATH 44		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
229b	CL 44	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
230	UNIT 45	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
230a	BATH 45		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
230b	CL 45	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
231	UNIT 46	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		CC				4	
231a	BATH 46		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
231b	CL 46	CP-1			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
232	UNIT 47	CP-2	LVT-A		RB-1		P-1	P-1	P-1	P-3		P5				4	
232a	BATH 47		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2	CC	P5			N/A	
232b	CL 47	CP-2			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
233	MULTI-PURPOSE RM		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	
234	UTILITY CORRIDOR 1			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
235	PUBLIC CORRIDOR		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	
236	UTILITY CORRIDOR 1			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
300	ENTRY 3rd LEVEL		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	
301	MANAGERS OFFICE		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		2	
302	JANITOR			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	EPOXY PAINT WALLS
303	ELECTRICAL			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
304	UNIT 48	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
304a	BATH 48		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
304b	CL 48	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
305	UNIT 49	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
305a	BATH 49		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
305b	CL 49	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
306	UNIT 50	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
306a	BATH 50		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	

FLOOR FINISH

CP-1 CARPET TILE - TARKETT, BLOCKADE, CAMELBACK (54602), 36x18, ASHLAR PATTERN INSTALL
CP-2 CARPET TILE - TARKETT, BLOCKADE, CEDAR DECK (54603), 36x18, ASHLAR PATTERN INSTALL
LVT-A LUXURY VINYL PLANKS - TARKETT, "iD Latitude" color to be selected
LVT-B LUXURY VINYL PLANKS - TARKETT, "iD Latitude" color to be selected
CT-1 CERAMIC TILE - ANATOLIA, ASPEN, PAPER BIRCH, 6 x 36
CT-2A CERAMIC TILE - CROSSVILLE, COLOR BLOX 2.0, WET CLAY (BCX33) 12 x 12
CT-2B CERAMIC TILE - CROSSVILLE, COLOR BLOX 2.0, BLUE SUEDE SHOES (BCX13) 12 x 12
SC SEALED CONCRETE

BASE FINISH

CT-1 CERAMIC TILE - ANATOLIA, ASPEN, PAPER BIRCH, 6 x 36
CT-2A CERAMIC TILE - CROSSVILLE, COLOR BLOX 2.0, WET CLAY (BCX33) 6" COVE BASE
CT-2B CERAMIC TILE - CROSSVILLE, COLOR BLOX 2.0, BLUE SUEDE SHOES (BCX13) 6" COVE BASE
CT-MULTI CERAMIC TILE - CROSSVILLE, COLOR BY NUMBERS, COORDINATE COLOR WITH WALL COLOR AND PATTERN SEE DRAWINGS FOR TRANSITION.
RB-1 RUBBER - JOHNSONITY 4" TRADITIONAL WALL BASE, PEPPERCORN TB1

WALL FINISH

CG-1 CORNER GUARD - DOROGARD, SEASHELL (OZ)
CT-3A CERAMIC TILE - CROSSVILLE, COLOR BY NUMBERS, EDGE OF SEVENTEEN GLOSS (WT17)
CT-3B CERAMIC TILE - CROSSVILLE, COLOR BY NUMBERS, NINE LIVES LOST GLOOS (WT09)
CT-3C CERAMIC TILE - CROSSVILLE, COLOR BY NUMBERS, 1812 OVERTURE GLOSS (WT18)
P-1 PAINT - SHERWIN WILLIAMS, SW6147 PANDA WHITE
P-2 PAINT - SHERWIN WILLIAMS, SW7633 TAUPE TONE
P-3 PAINT - SHERWIN WILLIAMS, SW9141 WATERLOO

CMU CLAY MASONRY UNIT

CEILING FINISH

ACT-1 ACOUSTIC TILE - ARMSTRONG, CORTEGA, TEGULAR, 24x24 WHITE
P-5 PAINT - SHERWIN WILLIAMS, SW6147 PANDA WHITE
P-6 PAINT - EXISTING CONCRETE

MILLWORK FINISH

SS-1 SOLID SURFACE - DURASEIN, HARMONY (DM5011)
SS-2 SOLID SURFACE - DURASEIN, NATURAL WHITE (DM 1002)
WD-1 WOOD STAIN MINWAX, NAVY (MW471)
WD-2 WOOD STAIN MINWAX, WILLOWBEND (MW431)
WP-1 WOOD PAINT SHERWIN WILLIAMS, SW6147 PANDA WHITE

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FINISH SCHEDULE

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A603
DATE: 30 October 2025	
SCALE:	58 of 108

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ROOM SCHEDULE

Room Number	Name	FLOOR			BASE		WALL					CEILING		CEILING		SIGN TYPE	Comments
		CARPET TILE	TILE	SEALED CONC	RUBBER BASE	TILE BASE	NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL	SOLID SURFACE	GYP BD PNT	MRMS. GYP BD EPX PNT	ACT 1	EXISTING EXPOSED		
306b	CL 50	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
307	UNIT 51	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
307a	BATH 51		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
307b	CL 51	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
308	UNIT 52	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
308a	BATH 52		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
308b	CL 52	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
309	UNIT 53	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
309a	BATH 53		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
309b	CL 53	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
310	UNIT 54	CP-2	LVT-A		RB-1		P-1	P-1	P-1	P-3		P5				4	
310a	BATH 54		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
310b	CL 54	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
311	UNIT 55	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
311a	BATH 55		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
311b	CL 55	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
312	UNIT 56	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
312a	BATH 56		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
312b	CL 56	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
313	UNIT 57	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
313a	BATH 57		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
313b	CL 57	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
314	UNIT 58	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
314a	BATH 58		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
314b	CL 58	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
315	UNIT 59	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
315a	BATH 59		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
315b	CL 59	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
316	UNIT 60	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
316a	BATH 60		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
316b	CL 60	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
317	UNIT 61	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
317a	BATH 61		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
317b	CL 61	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
318	LAUNDRY 3rd LEVEL		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	EPOXY PAINT WALLS
319	STOARGE			SC	RB-1		P-1	P-1	P-1	P-1				ACT-1	P6	3	
320	COMS			SC	RB-1		P-1	P-1	P-1	P-1				ACT-1	P6	3	
321	UNIT 62	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
321a	BATH 62		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
321b	CL 62	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
322	UNIT 63	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
322a	BATH 63		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
322b	CL 63	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
323	UNIT 64	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
323a	BATH 64		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
323b	CL 64	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
324	UNIT 65	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
324a	BATH 65		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
324b	CL 65	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
325	UNIT 66	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
325a	BATH 66		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
325b	CL 66	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
326	UNIT 67	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
326a	BATH 67		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
326b	CL 67	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
327	UNIT 68	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
327a	BATH 68		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
327b	CL 68	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
328	UNIT 69	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
328a	BATH 69		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
328b	CL 69	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
329	UNIT 70	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
329a	BATH 70		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
329b	CL 70	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
330	UNIT 71	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
330a	BATH 71		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
330b	CL 71	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
331	UNIT 72	CP-1	LVT-A		RB-1		P-1	P-1	P-2	P-1		P5				4	
331a	BATH 72		CT-2A			CT-2A	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
331b	CL 72	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
332	UNIT 73	CP-2	LVT-B		RB-1		P-1	P-1	P-1	P-3		P5				4	
332a	BATH 73		CT-2B			CT-2B	CT-3C	CT-3C	CT-3C	CT-3C	SS-2		P5			N/A	
332b	CL 73	CP			RB-1		P-1	P-1	P-1	P-1		P5				N/A	
333	MULTI-PURPOSE RM		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	
334	UTILITY CORRIDOR 1			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	
335	PUBLIC CORRIDOR		CT-1			CT-1	P-1	P-1	P-1	P-1				ACT-1		3	
336	UTILITY CORRIDOR 2			SC	RB-1		P-1	P-1	P-1	P-1					P6	3	

FLOOR FINISH

CP-1 CARPET TILE - TARKETT, BLOCKADE, CAMELBACK (54602), 36x18, ASHLAR PATTERN INSTALL
CP-2 CARPET TILE - TARKETT, BLOCKADE, CEDAR DECK (54603), 36x18, ASHLAR PATTERN INSTALL
LVT-A LUXURY VINYL PLANKS - TARKETT, "iD Latitude" color to be selected
LVT-B LUXURY VINYL PLANKS - TARKETT, "iD Latitude" color to be selected
CT-1 CERAMIC TILE - ANATOLIA, ASPEN, PAPER BIRCH, 6 x 36
CT-2A CERAMIC TILE - CROSSVILLE, COLOR BLOX 2.0, WET CLAY (BCX33) 12 x 12
CT-2B CERAMIC TILE - CROSSVILLE, COLOR BLOX 2.0, BLUE SUEDE SHOES (BCX13) 12 x 12
SC SEALED CONCRETE

BASE FINISH

CT-1 CERAMIC TILE - ANATOLIA, ASPEN, PAPER BIRCH, 6 x 36
CT-2A CERAMIC TILE - CROSSVILLE, COLOR BLOX 2.0, WET CLAY (BCX33) 6" COVE BASE
CT-2B CERAMIC TILE - CROSSVILLE, COLOR BLOX 2.0, BLUE SUEDE SHOES (BCX13) 6" COVE BASE
CT-MULTI CERAMIC TILE - CROSSVILLE, COLOR BY NUMBERS, COORDINATE COLOR WITH WALL COLOR AND PATTERN SEE DRAWINGS FOR TRANSITION.
RB-1 RUBBER - JOHNSONITY 4" TRADITIONAL WALL BASE, PEPPERCORN TB1

WALL FINISH

CG-1 CORNER GUARD - DOROGARD, SEASHELL (OZ)
CT-3A CERAMIC TILE - CROSSVILLE, COLOR BY NUMBERS, EDGE OF SEVENTEEN GLOSS (WT17)
CT-3B CERAMIC TILE - CROSSVILLE, COLOR BY NUMBERS, NINE LIVES LOST GLOOS (WT09)
CT-3C CERAMIC TILE - CROSSVILLE, COLOR BY NUMBERS, 1812 OVERTURE GLOSS (WT18)
P-1 PAINT - SHERWIN WILLIAMS, SW6147 PANDA WHITE
P-2 PAINT - SHERWIN WILLIAMS, SW7633 TAUPE TONE
P-3 PAINT - SHERWIN WILLIAMS, SW9141 WATERLOO

CMU CLAY MASONRY UNIT

CEILING FINISH

ACT-1 ACOUSTIC TILE - ARMSTRONG, CORTEGA, TEGULAR, 24x24 WHITE
P-5 PAINT - SHERWIN WILLIAMS, SW6147 PANDA WHITE
P-6 PAINT - EXISTING CONCRETE

MILLWORK FINISH

SS-1 SOLID SURFACE - DURASEIN, HARMONY (DM5011)
SS-2 SOLID SURFACE - DURASEIN, NATURAL WHITE (DM 1002)
WD-1 WOOD STAIN MINWAX, NAVY (MW471)
WD-2 WOOD STAIN MINWAX, WILLOWBEND (MW431)
WP-1 WOOD PAINT SHERWIN WILLIAMS, SW6147 PANDA WHITE

ETR EXISTING TO REMAIN

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AIR MOBILITY COMMAND

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10623 Maumelle Blvd
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FIRE CHIEF: | SAFETY:
ENVIRONMENTAL: | CONSTRUCTION MANAGER:
PROGRAM MANAGER: | USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

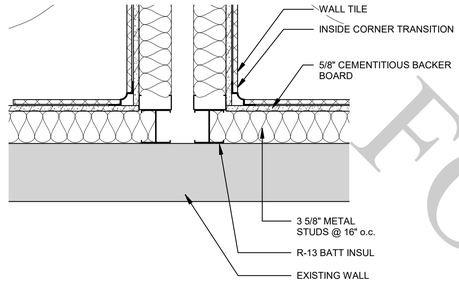
SHEET TITLE:
FINISH SCHEDULE

DRAWN BY: Author
LEAD DESIGNER: Designer
REVIEWER: Checker
PROJECT NUMBER: NKAK 23-1001
BY: KGK
DATE: 30 October 2025
SCALE:

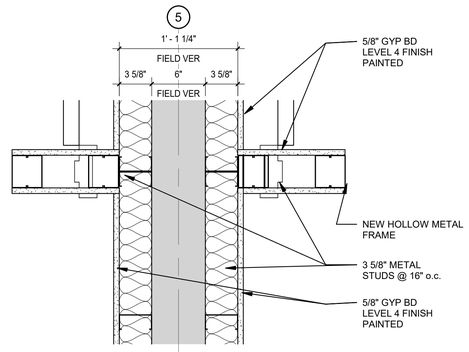
A604

10/29/2025 4:37:50 PM X:\ALL PROJECTS\2024 Projects\24-37 A-K NKAK 23-1001 B860 Architecture\01 - Design\03 - Drawings\05 - For Construction\NKAK 23-1001-26.rvt

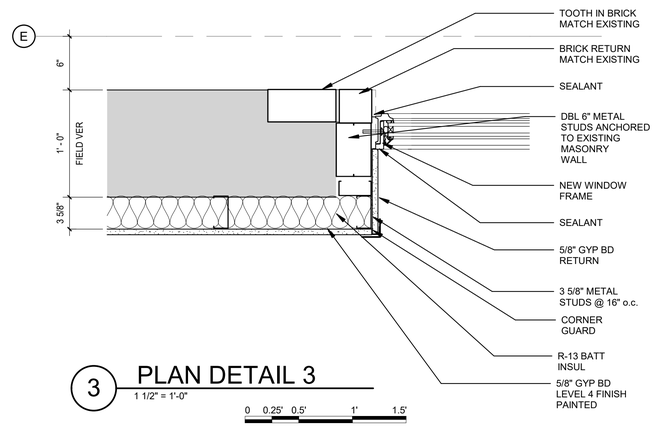
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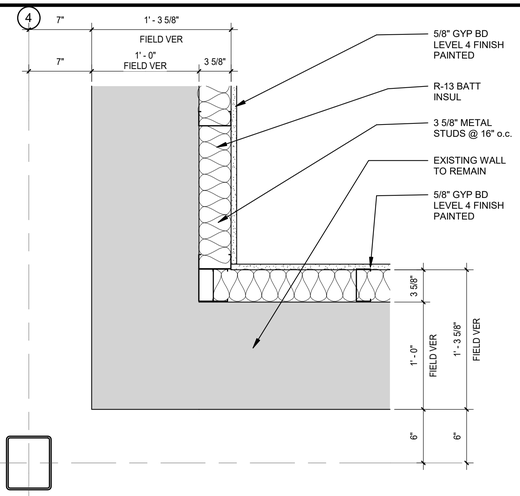
1 PLAN DETAIL 1
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



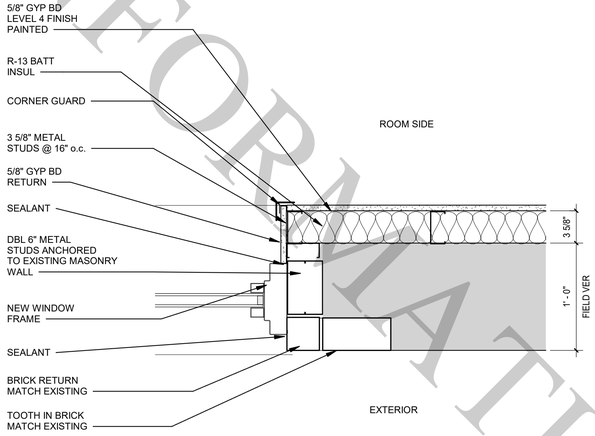
2 PLAN DETAIL 2
1 1/2" = 1'-0"
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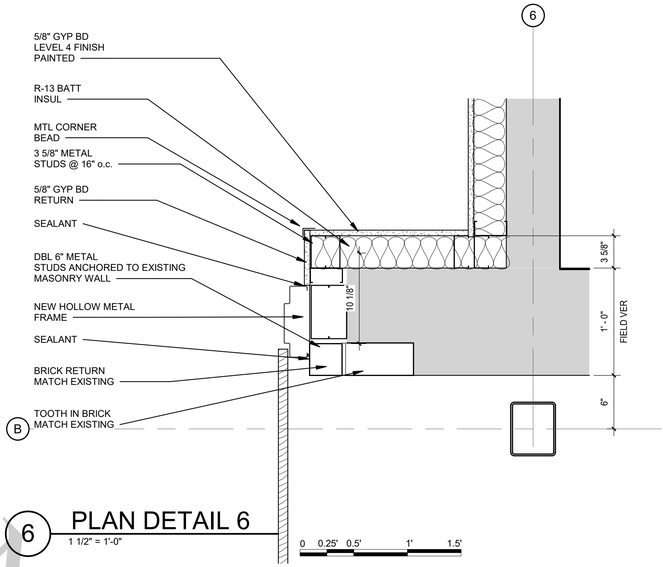
3 PLAN DETAIL 3
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



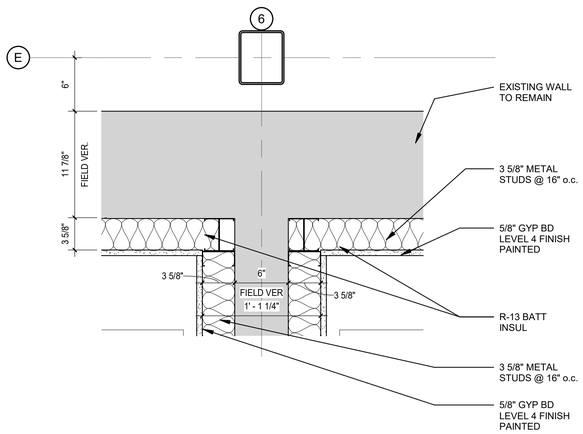
4 PLAN DETAIL 4
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0 0.25' 0.5' 1' 1.5'



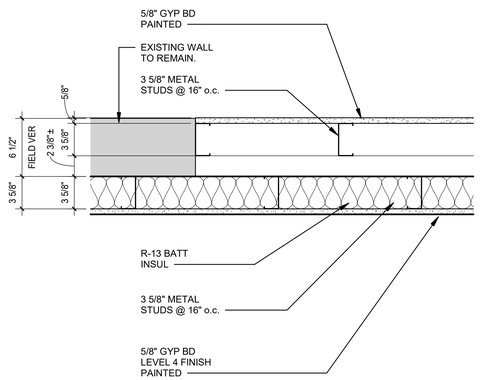
5 PLAN DETAIL 5
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



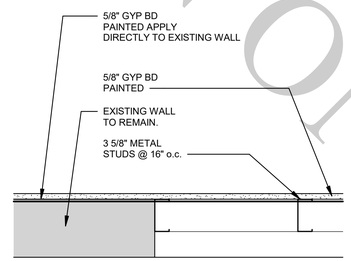
6 PLAN DETAIL 6
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



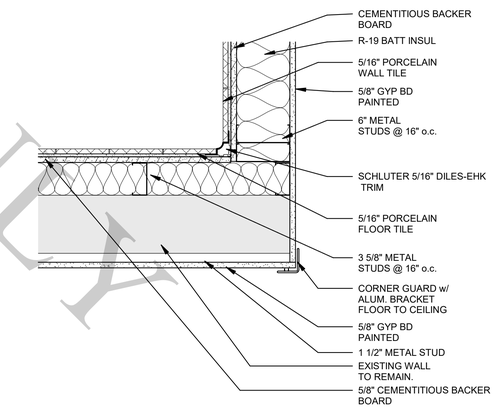
7 PLAN DETAIL 7
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



8 PLAN DETAIL 8
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



9 PLAN DETAIL 9
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



10 PLAN DETAIL 10
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

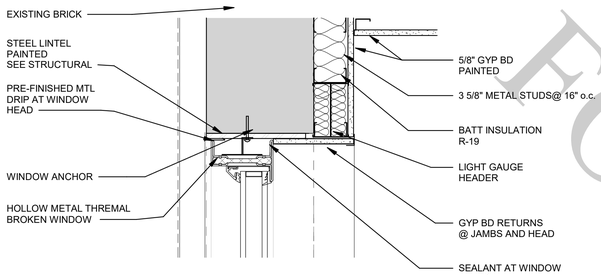
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: **LITTLE ROCK AIR FORCE BASE REPAIR (R & M) AIRMEN DORM B860**

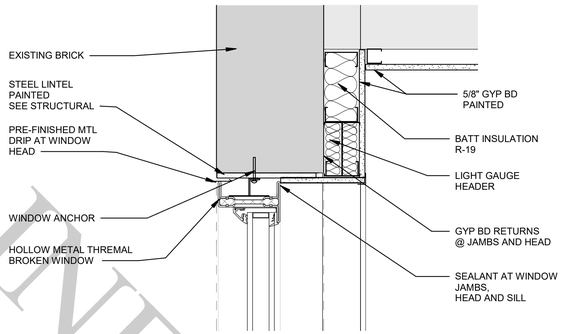
SHEET TITLE: ENLARGED PLAN DETAILS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A701
DATE: 30 October 2025	60 of 108
SCALE: 1 1/2" = 1'-0"	

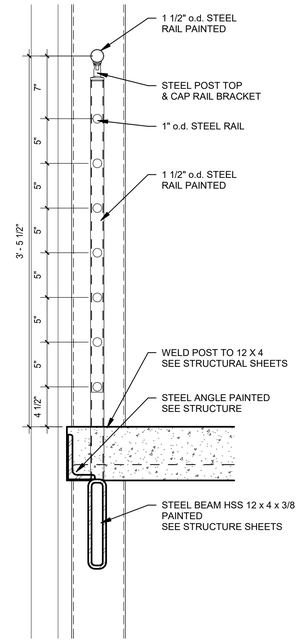
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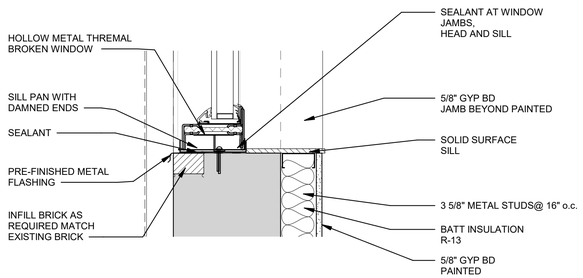
1 WINDOW HEAD DETAIL
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



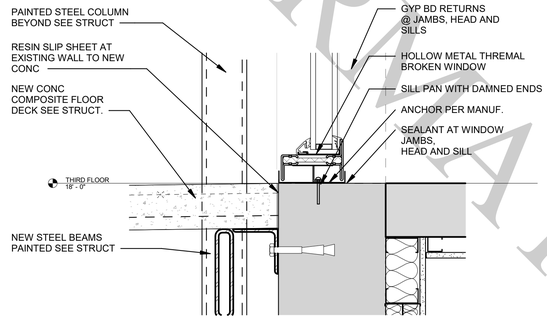
2 HEAD DETAIL
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



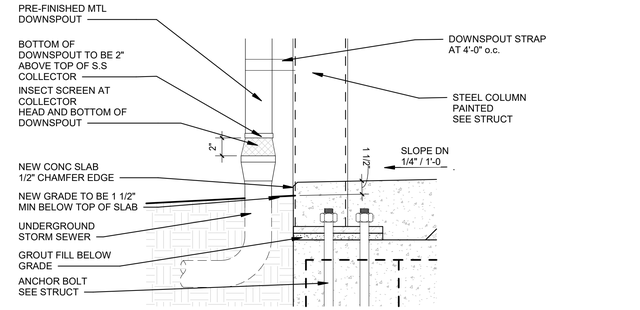
3 DETAIL AT GUARDRAIL DETAIL
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



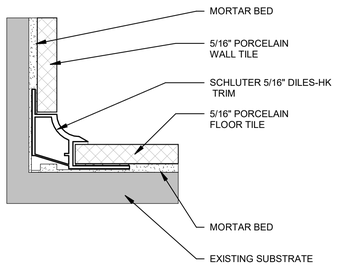
4 WINDOW SILL DETAIL
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



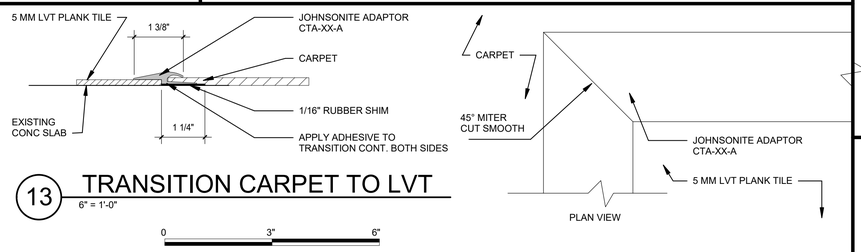
5 SILL DETAIL
1 1/2" = 1'-0"
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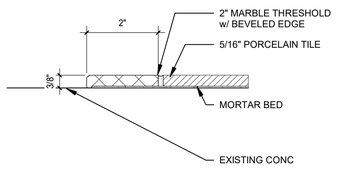
6 DOWNSPOUT COLLECTION DETAIL
1 1/2" = 1'-0"
0 0.25' 0.5' 1' 1.5'



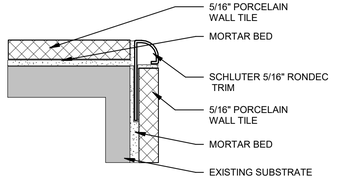
7 FLOOR TO WALL TILE TRANSITION
6" = 1'-0"
0 3" 6"



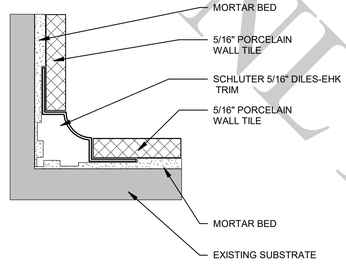
13 TRANSITION CARPET TO LVT
6" = 1'-0"
0 3" 6"



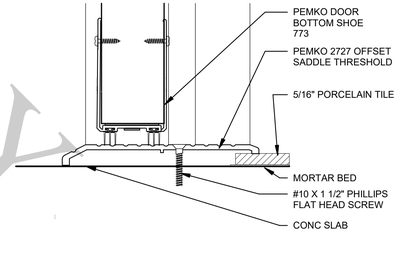
9 TRANSITION CONC TO TILE
6" = 1'-0"
0 3" 6"



10 OUTSIDE CORNER TRANSITION
6" = 1'-0"
0 3" 6"



11 INSIDE CORNER TRANS.
6" = 1'-0"
0 3" 6"



12 DOOR THRESHOLD
6" = 1'-0"

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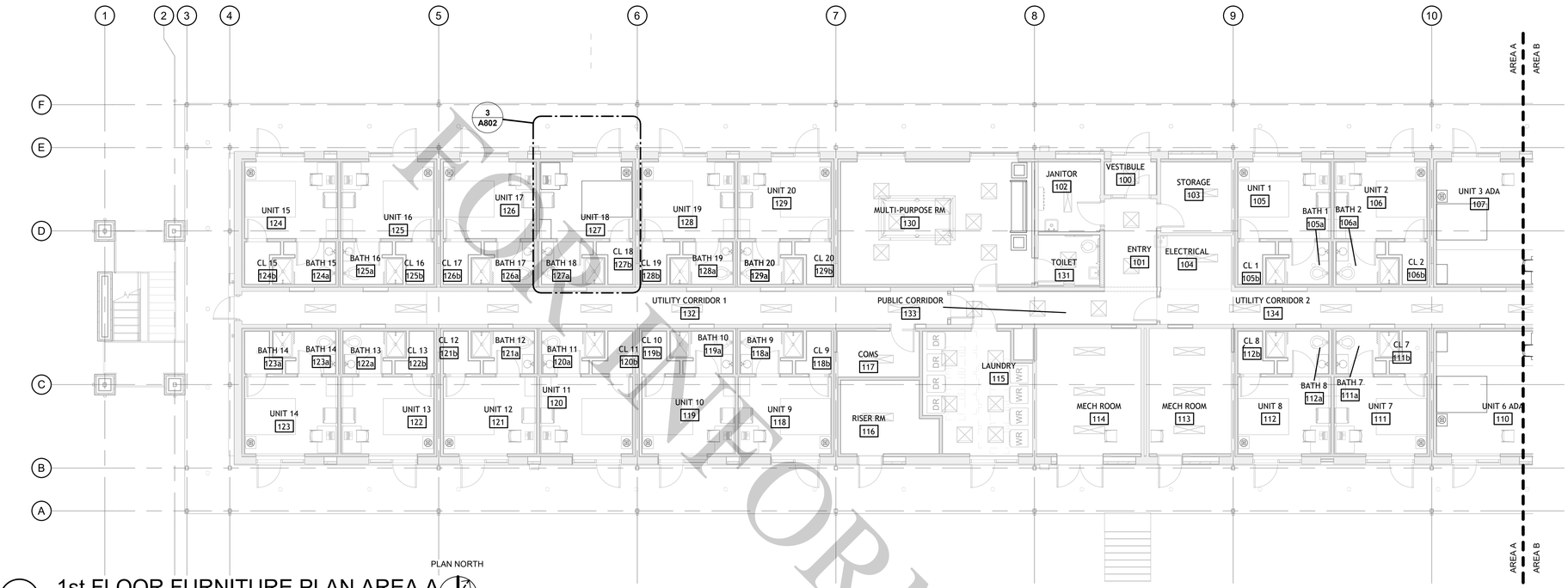
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
ENLARGE WALL DETAILS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A702
DATE: 30 October 2025	
SCALE: As indicated	61 of 108

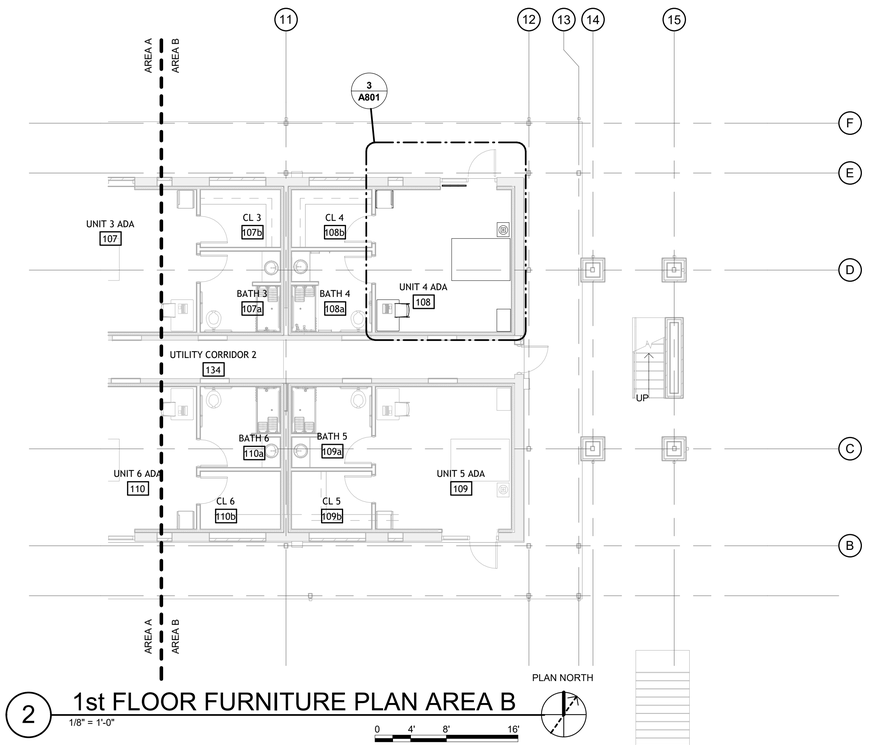
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10/29/2025 4:37:51 PM



1 1st FLOOR FURNITURE PLAN AREA A

1/8" = 1'-0"

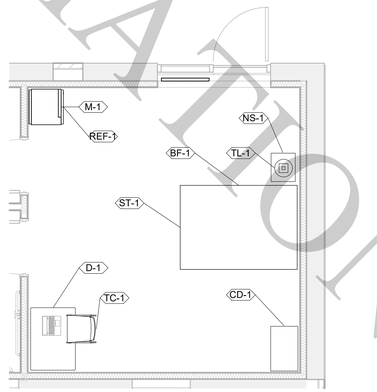
0 4' 8' 16'



2 1st FLOOR FURNITURE PLAN AREA B

1/8" = 1'-0"

0 4' 8' 16'



3 ENLARGED UNIT FURNITURE PLAN ADA

1/4" = 1'-0"

0 2' 4' 8'

ADA UNIT SQUARE FOOTAGES	
SLEEPING ROOM	243 SF
BATHROOM	58 SF
SHOWER	13 SF
CLOSET	16 SF
TOTAL	381 SF

MARK	LOCATION	DESCRIPTION	QTY	MANUF.	MODEL #
BF-1	UNIT	Full-sized Bed	74		
ST-1	UNIT	Under Bed Storage	148		
TC-1	UNIT	Task Chair	74		
CD-1	UNIT	Chest Drawer	74		
D-1	UNIT	Desk	74		
TL-1	UNIT	Table Lamp	74		
NS-1	UNIT	Nightstand	74		
REF-1	UNIT	Refrigerator	74		
TM-1	UNIT	Television Mount	74		
M-1	UNIT	Microwave	74		
TR-1	UNIT	Trash Bin	74		
AC-1	LOUNGE	Armchair	10		
C-1	LOUNGE	Chair/ Cafe' Height	20		
BT-1	LOUNGE	Billiard Table	1		
BT-2	LOUNGE	Billiard Accessories	1		
BT-3	LOUNGE	Billiard Table Cover	1		
ET-1	LOUNGE	Entertainment/Credenza	3		
FL-1	LOUNGE	Floor Lamp	6		
S-1	LOUNGE	3 Seat Sofa	5		
ET-1	LOUNGE	End Table	6		
CT-1	LOUNGE	Coffee Table	2		
T-1	LOUNGE	Table/Cafe' Height	5		
TR-2	LOUNGE	Trash Bin	2		
TR-3	LOUNGE	Trash Bin-Recycling	2		
C-2	KITCHEN	Chair	2		
T-2	KITCHEN	Table	1		
REF-2	KITCHEN	Refrigerator	1		
M-2	KITCHEN	Microwave	1		
R-1	KITCHEN	Range/Oven	1		
VH-1	KITCHEN	Vent Hood	1		
DW-1	KITCHEN	Dishwasher	1		
W	LAUNDRY	Washer	12		
D	LAUNDRY	Dryer	12		

UNACCOMPANIED HOUSING DESIGN GUIDE	
PROVIDE FULL LENGTH MIRROR ON INSIDE OF BATHROOM DOOR	PROVIDED
PROVIDE MINIMUM 36" WIDE VANITY WITH DROP-N BOWL	DUE TO LIMITATIONS 30" VANITY IS PROVIDED
PROVIDE DRAWERS AND STORAGE IN VANITY	PROVIDED
PROVIDE FULL WIDTH MIRROR ABOVE THE VANITY TOP OF MIRROR 72" MIN AFF, THE BOTTOM OF MIRROR SHOULD EXTEND TO TOP OF VANITY BACKSPLASH	PROVIDED
PROVIDE INCANDESCENT LIGHT FIXTURE AT LEAST 75 FC ABOVE MIRROR	PROVIDE, FIXTURE IS LED
PROVIDE TWO TOWEL BARS, 24" ONE LOCATED CONVENIENT TO THE VANITY THE OTHER CONVENIENT TO THE SHOWER	PROVIDE
PROVIDE ONE MEDICINE CABINET WITH AT LEAST 648 CUBIC INCHES OF INTERIOR AREA ADJACENT TO THE VANITY	OWNER STATED NO MEDICINE CABINET
INSTALL ONE ROBE HOOK ON THE BATHROOM SIDE OF BATHROOM DOOR	PROVIDED
PROVIDE RECESSED WALL MOUNTED TOILET TISSUE HOLDER NEAR TOILET	PROVIDE
PROVIDE SPACE BESIDE TOILET FOR A PLASTIC TRASH CAN	NOT PROVIDED DUE TO SPACE LIMITATIONS

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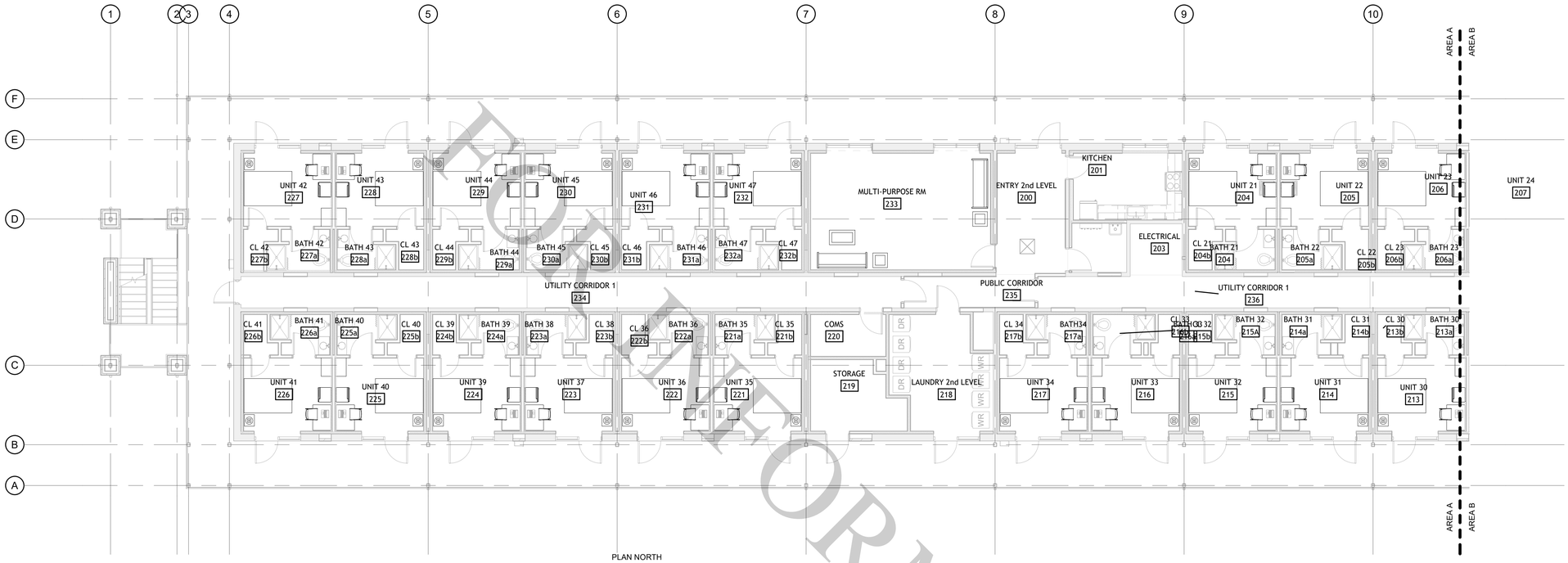
MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FIRST FLOOR FURNITURE PLAN

DRAWN BY:	LEAD DESIGNER:
Author	Designer
REVIEWER:	PROJECT NUMBER:
Checker	NKAK 23-1001
BY:	
KGK	A801
DATE:	
30 October 2025	
SCALE:	62 of 108
As indicated	

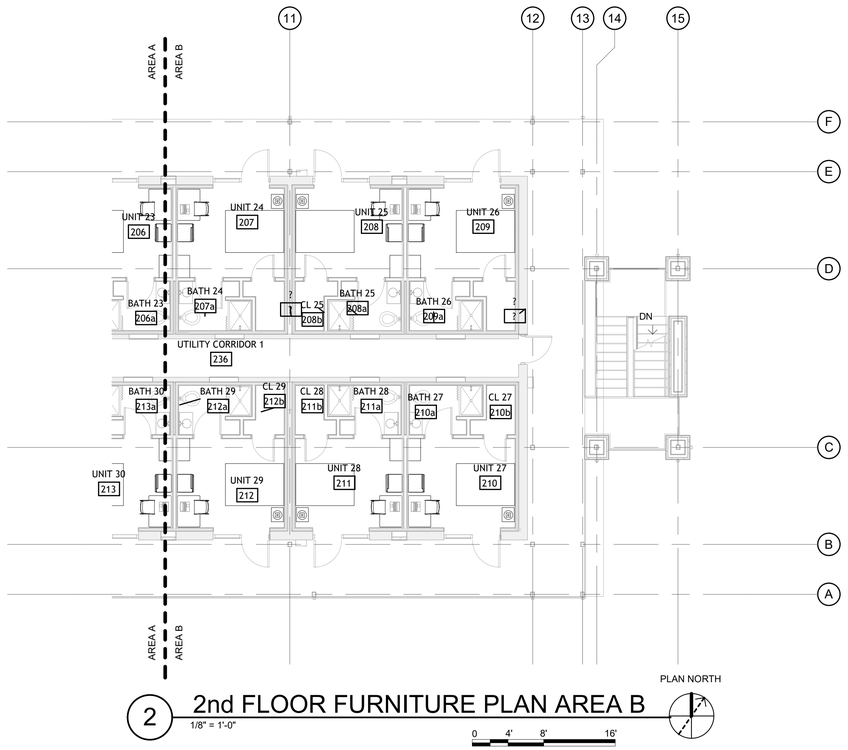
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1 2nd FLOOR FURNITURE PLAN AREA A

1/8" = 1'-0"

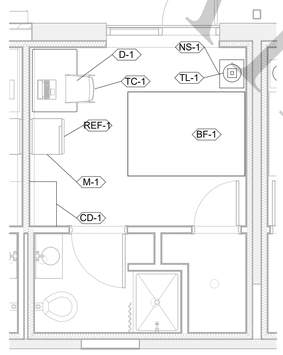
0 4' 8' 16'



2 2nd FLOOR FURNITURE PLAN AREA B

1/8" = 1'-0"

0 4' 8' 16'



3 ENLARGED UNIT FURNITURE PLAN

1/4" = 1'-0"

0 2' 4' 8'

TYPICAL UNIT SQUARE FOOTAGES	
SLEEPING ROOM	127 SF
BATHROOM	31 SF
SHOWER	13 SF
CLOSET	22 SF
TOTAL	193 SF

MARK	LOCATION	DESCRIPTION	QTY	MANUF.	MODEL #
BF-1	UNIT	Full-sized Bed	74		
ST-1	UNIT	Under Bed Storage	148		
TC-1	UNIT	Task Chair	74		
CD-1	UNIT	Chest Drawer	74		
D-1	UNIT	Desk	74		
TL-1	UNIT	Table Lamp	74		
NS-1	UNIT	Nightstand	74		
REF-1	UNIT	Refrigerator	74		
TM-1	UNIT	Television Mount	74		
M-1	UNIT	Microwave	74		
TR-1	UNIT	Trash Bin	74		
AC-1	LOUNGE	Armchair	10		
C-1	LOUNGE	Chair/ Cafe' Height	20		
BT-1	LOUNGE	Billiard Table	1		
BT-2	LOUNGE	Billiard Accessories	1		
BT-3	LOUNGE	Billiard Table Cover	1		
ET-1	LOUNGE	Entertainment/Credenza	3		
FL-1	LOUNGE	Floor Lamp	6		
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M-2	KITCHEN	Microwave	1		
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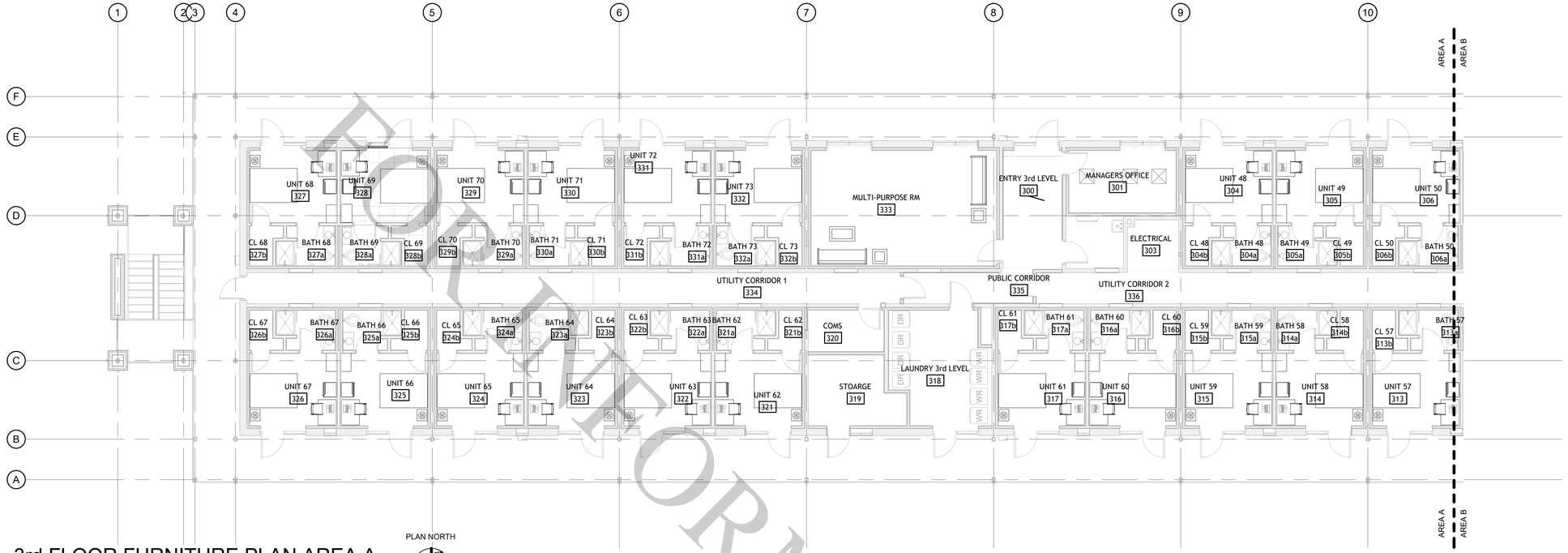
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
SECOND FLOOR FURNITURE PLAN

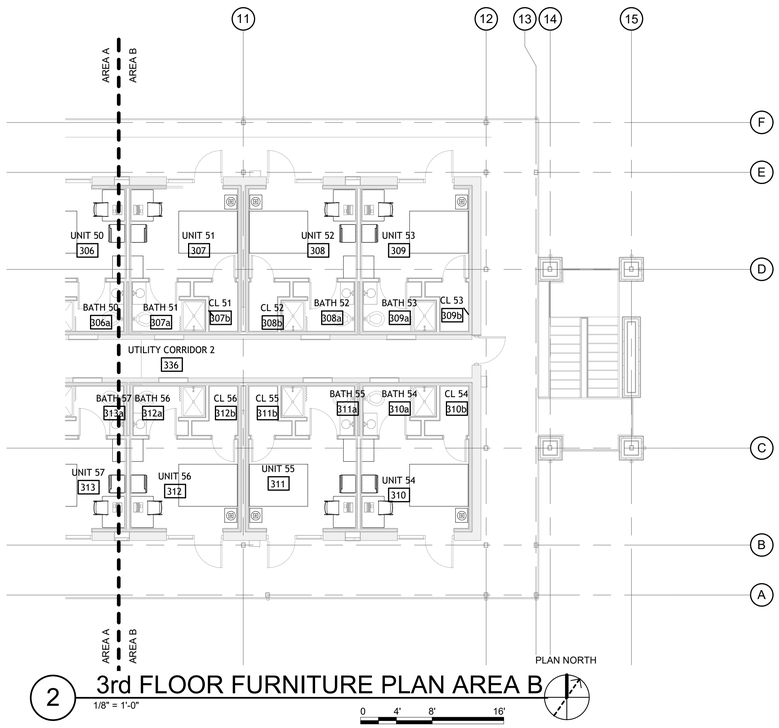
DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A802
DATE: 30 October 2025	
SCALE: As indicated	63 of 108

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1 3rd FLOOR FURNITURE PLAN AREA A
1/8" = 1'-0"

0 4' 8' 16'



2 3rd FLOOR FURNITURE PLAN AREA B
1/8" = 1'-0"

0 4' 8' 16'

MARK	LOCATION	DESCRIPTION	QTY	MANUF.	MODEL #
BF-1	UNIT	Full-sized Bed	74		
ST-1	UNIT	Under Bed Storage	148		
TC-1	UNIT	Task Chair	74		
CD-1	UNIT	Chest Drawer	74		
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TR-2	LOUNGE	Trash Bin	2		
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T-2	KITCHEN	Table	1		
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Air Mobility Command

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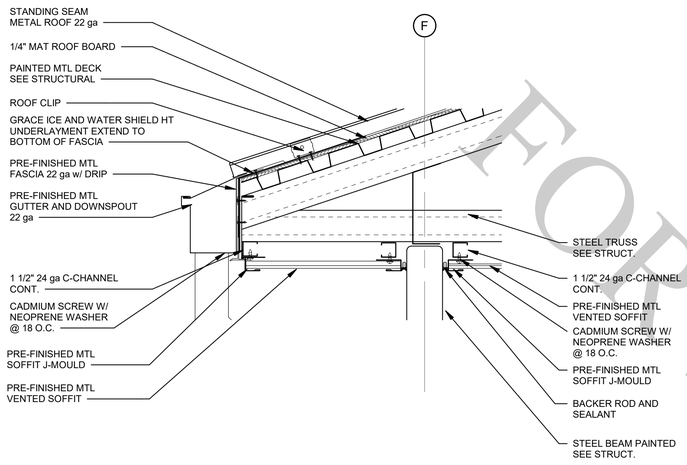
MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
THIRD FLOOR FURNTURE PLAN

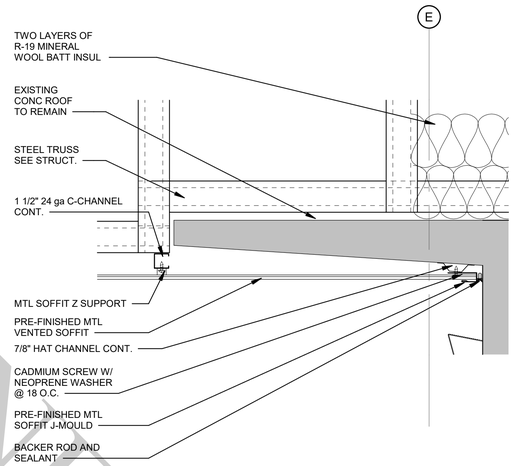
DRAWN BY:	LEAD DESIGNER:
Author	Designer
REVIEWER:	PROJECT NUMBER:
Checker	NKAK 23-1001
BY:	
KGK	A803
DATE:	
30 October 2025	
SCALE:	64 of 108
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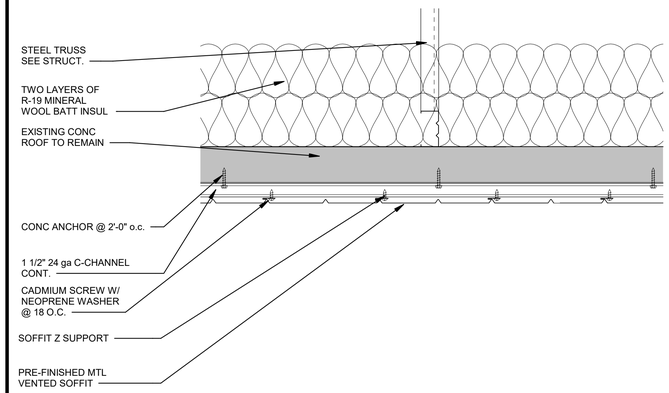
1 SOFFIT DETAIL @ GUTTER
1 1/2" = 1'-0"

0 0.25' 0.5' 1' 1.5'



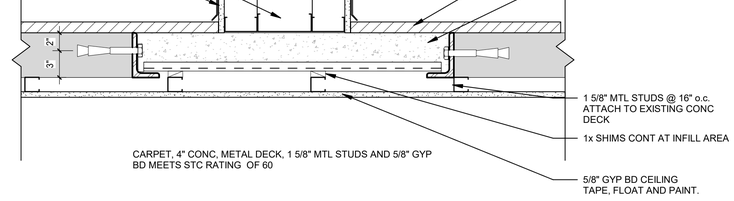
2 SOFFIT DETAIL @ WALL
1 1/2" = 1'-0"

0 0.25' 0.5' 1' 1.5'



3 SOFFIT SECTION @ BRACE
1 1/2" = 1'-0"

0 0.25' 0.5' 1' 1.5'



4 CONCRETE IN FILL WITH CEILING DETAIL
1 1/2" = 1'-0"

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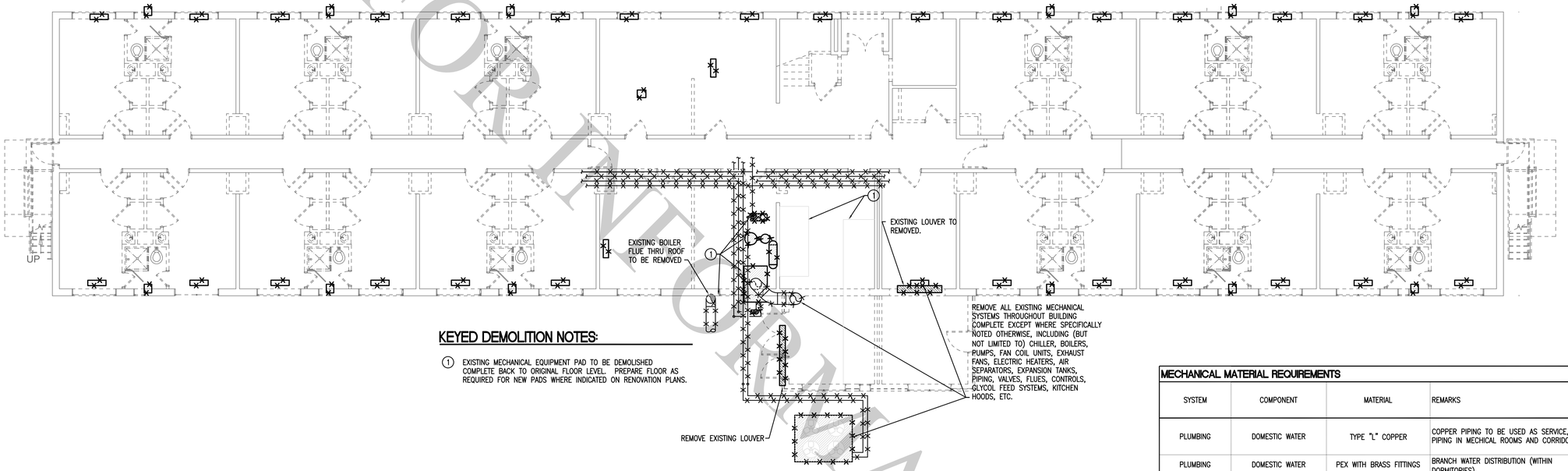
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
MISCELLANEOUS DETAILS

DRAWN BY: Author	LEAD DESIGNER: Designer
REVIEWER: Checker	PROJECT NUMBER: NKAK 23-1001
BY: KGK	A703
DATE: 30 October 2025	
SCALE: 1 1/2" = 1'-0"	65 of 108

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KEYED DEMOLITION NOTES:

1. EXISTING MECHANICAL EQUIPMENT PAD TO BE DEMOLISHED COMPLETE BACK TO ORIGINAL FLOOR LEVEL. PREPARE FLOOR AS REQUIRED FOR NEW PADS WHERE INDICATED ON RENOVATION PLANS.

1 MECHANICAL FIRST FLOOR DEMOLITION PLAN

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

FOR INFORMATION ONLY

MECHANICAL MATERIAL REQUIREMENTS

SYSTEM	COMPONENT	MATERIAL	REMARKS
PLUMBING	DOMESTIC WATER	TYPE "L" COPPER	COPPER PIPING TO BE USED AS SERVICE, ALL PIPING IN MECHICAL ROOMS AND CORRIDORS,
PLUMBING	DOMESTIC WATER	PEX WITH BRASS FITTINGS	BRANCH WATER DISTRIBUTION (WITHIN DORMITORIES).
PLUMBING	COPPER PIPE INSULATION	1" FIBERGLASS	FOR ALL PIPE 1-1/2" AND SMALLER
PLUMBING	COPPER PIPE INSULATION	1-1/2" FIBERGLASS	FOR ALL PIPE 2" AND LARGER
PLUMBING	PEX PIPING INSULATION	1/2" ELASTOMER	FOR ALL PEX PIPING
HVAC	DUCTWORK (2" WC)	GALVANIZED	THICKNESS AND REINFORCEMENT PER SMACNA
HVAC	DUCTWORK INSULATION	2" FIBERGLASS DUCT WRAP.	FOR ALL RETURN, SUPPLY, OUTSIDE AIR, AND ENERGY RECOVERY DUCTS.
HVAC	CHILLED AND HEATING WATER PIPING	TYPE "L" COPPER	PIPING 2" AND SMALLER.
HVAC	CHILLED AND HEATING WATER PIPING	SCHEDULE 40 STEEL WITH WELDED FITTINGS	PIPING 2-1/2" AND LARGER
HVAC	CHILLED WATER PIPING	HDPE - SDR 30	UNDERGROUND PIPING TO CHILLER
HVAC	CHILLED AND HEATING WATER INSULATION	1" FIBERGLASS	PIPING 1-1/4" AND SMALLER
HVAC	CHILLED AND HEATING WATER INSULATION	1-1/2" FIBERGLASS	PIPING 1-1/2" AND LARGER

MECHANICAL DEMOLITION NOTES

1. THE MECHANICAL RELATED DEMOLITION WORK INDICATED BY THE CONTRACT DOCUMENTS MUST BE CLOSELY COORDINATED WITH THE OWNER'S REPRESENTATIVE AND OTHER TRADES. NO DEMOLITION IS TO TAKE PLACE IN ANY AREA OR BUILDING UNTIL THE CONTRACTOR HAS BEEN GIVEN APPROVAL TO PROCEED IN THAT SPECIFIC LOCATION. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION AND DEMOLITION SCOPE OF WORK.
2. IF IT BECOMES NECESSARY DURING DEMOLITION TO TEMPORARILY REMOVE ANY EQUIPMENT, PIPING, ETC. WHICH IS NOT SPECIFICALLY NOTED TO BE REMOVED OR RELOCATED (THEREBY IMPLYING THAT THEY ARE TO BE LEFT FOR FUTURE USE), THE CONTRACTOR MUST REINSTALL SAID SYSTEMS TO FULLY OPERABLE CONDITION IN THEIR ORIGINAL LOCATIONS.
3. DISPOSE OF ALL REMOVED EQUIPMENT AS DIRECTED BY THE COR. CONTRACTOR MUST COORDINATE REMOVAL OF UTILITY SERVICES WITH UTILITY COMPANIES AND LOCAL AUTHORITIES. PAY ALL ASSOCIATED FEES.
4. ALL DEMOLITION WORK MUST BE SCHEDULED WITH THE COR AT LEAST 48 HOURS PRIOR TO THE WORK.
5. SCHEDULE UTILITY SHUTDOWNS TO KEEP DOWNTIME TO A MINIMUM AND TO NOT INTERFERE WITH THE DAILY SCHEDULE, IF POSSIBLE. SCHEDULE UTILITY DOWNTIME A MINIMUM OF THREE (3) DAYS IN ADVANCE AND COORDINATE WITH COR.
6. ANY DAMAGE TO THE COR PROPERTY, TO THE STRUCTURE OR BUILDING, OR TO EQUIPMENT RESULTING FROM THE CONTRACTOR'S OPERATIONS MUST BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER WITHOUT ADDITIONAL COST TO THE OWNER. REPAIR OR REPLACEMENT MUST, AS A MINIMUM, EQUAL EXISTING CONDITIONS.
7. FIREPROOFING ON EXISTING STRUCTURE MUST BE REPLACED OR TOUCHED-UP WHERE DISTURBED FOR THE INSTALLATION OF THE MECHANICAL SYSTEMS.
8. ANY EXISTING EQUIPMENT, DUCTS, OR PIPING THAT ARE DESIGNATED TO BE REUSED WHICH ARE FOUND TO ALREADY BE DAMAGED OR NON-OPERABLE MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. INSPECT THE EXISTING SYSTEM. BRING TO THE ATTENTION OF THE ENGINEER ANY UNUSUAL, DAMAGED, OR NON-OPERATION CONDITION OF THE EXISTING SYSTEM BEFORE PROCEEDING WITH RELATED WORK.
9. MAINTAIN THE SECURITY AND THE FIRE AND SMOKE CONSTRUCTION INTEGRITY OF THE FACILITY AT ALL TIMES.
10. ALL UNDERGROUND PIPING WHICH IS SHOWN TO BE TAKEN OUT OF SERVICE MUST BE REMOVED TO POINTS INDICATED, AND REMAINING PIPE MUST BE PURGED AND PLUGGED.

MECHANICAL LEGEND

- POINT OF CONNECTION – NEW TO EXISTING
- A/D — ACCESS DOOR
- T — THERMOSTAT
- H — HUMIDISTAT
- C — CARBON DIOXIDE SENSOR
- EXISTING TO REMAIN
- EXISTING TO BE REMOVED
- CHS — CHILLED WATER SUPPLY
- CHR — CHILLED WATER RETURN
- HWS — HEATING HOT WATER SUPPLY
- HWR — HEATING HOT WATER RETURN
- CD — CONDENSATE DRAIN (COLD)
- PIPE UP
- PIPE DOWN
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- STRAINER WITH BLOWDOWN VALVE
- GATE VALVE
- GLOBE VALVE
- BALL VALVE
- OS&Y VALVE
- CHECK VALVE
- LEVER OPERATED BUTTERFLY VALVE
- GEAR OPERATED BUTTERFLY VALVE
- 3-WAY ELECTRIC CONTROL VALVE
- 2-WAY ELECTRIC CONTROL VALVE
- VALVE IN RISER (BALL, BUTTERFLY)
- PIPE GUIDE
- CAP ON END LINE
- M — MANUAL AIR VENT
- A — AUTOMATIC AIR VENT
- PRESSURE GAUGE WITH GAUGE COCK
- THERMOMETER
- FLEXIBLE CONNECTION

- SECTION / ELEVATION REFERENCE (X = SECTION DETAIL NUMBER; XX.XX = REFERRED SHEET NUMBER)
- SUPPLY DIFFUSER/GRILLE LABEL: (A1 = MARK; 100 = AIRFLOW (CFM))
- RETURN DIFFUSER/GRILLE LABEL: (2 = MARK; 100 = AIRFLOW (CFM))
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- EXHAUST GRILLE
- 14"ø — ROUND DUCTWORK. DIAMETER IN INCHES.
- 14/12 — RECTANGULAR DUCTWORK. SIZE IN INCHES, FIRST NUMBER IS SIDE SHOWN.
- 14/12 — FLAT OVAL DUCTWORK. SIZE IN INCHES, FIRST NUMBER IS MAJOR AXIS (SIDE SHOWN).
- MITERED ELBOW WITH TURNING VANES.
- 1.5X RADIUS DUCTWORK ELBOW – ROUND OR RECTANGULAR.
- RECTANGULAR DUCTWORK BRANCH TAKE-OFF WITH 45 DEGREE BRANCH INLET.
- HIGH EFFICIENCY TAP WITH DAMPER.
- FD — FIRE DAMPER / ACCESS DOOR (A/D)
- VOLUME DAMPERS
- M — MOTORIZED DAMPER

MECHANICAL NOTES

1. ALL WORK MUST COMPLY WITH THE REQUIREMENTS OF LOCAL CODES AND ORDINANCES. WHERE INSPECTIONS ARE REQUIRED BY AUTHORITIES HAVING JURISDICTION, WORK MUST NOT BE CONCEALED UNTIL INSPECTIONS AND TESTING ARE COMPLETED AND ACCEPTED.
2. PRIOR TO BID, CONTRACTOR MUST BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THE GENERAL NOTES AS WELL AS ALL OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS. VISIT THE SITE TO ESTABLISH THE EXISTING CONDITIONS PRIOR TO BID AND PRIOR TO ANY DUCT, PIPE OR EQUIP. FABRICATION. SYSTEMS MUST BE ERECTED USING CONTRACTOR'S FIELD MEASUREMENTS FOR COORDINATION WITH EQUIPMENT, STRUCTURE, FIRE PROTECTION & ELEC. CONDITIONS IN THE SPACE.
3. ALL CONTRACT DOCUMENTS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT. DO NOT SCALE DRAWINGS.
4. INFORMATION AND COMPONENTS SHOWN ON DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, MUST BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
5. EXCEPT WHERE INDICATED OTHERWISE, THE NOTATION OR DESCRIPTION OF ANY ITEM IN THE CONTRACT DOCUMENTS CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM, WHETHER OR NOT THIS INSTRUCTION IS EXPLICITLY STATED.
6. MECHANICAL INSTALLATION MUST MAINTAIN INTEGRITY OF WALLS, PARTITIONS AND FLOORS DESIGNATED AS EITHER FIRE RATED OR "SMOKE TIGHT". SEAL AROUND ALL PENETRATIONS THROUGH RATED OR SMOKE TIGHT ASSEMBLIES. COORDINATE WITH ARCHITECTURAL PLANS AND GENERAL CONTRACTOR.
7. COORDINATE PLACEMENT OF ALL MECHANICAL RELATED EQUIPMENT AND DEVICES WITH OTHER TRADES. DO NOT POSITION OR INSTALL ANY MECHANICAL EQUIP. OR DEVICES IN ANY SYSTEM IN SUCH A WAY THAT IT WILL BE INACCESSIBLE OR UNMAINTAINABLE AFTER CONSTRUCTION IS COMPLETED. PROVIDE DUCT ACCESS DOORS AT FIRE DAMPERS, ETC.
8. REPLACE OR REPAIR ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK. REPAIR OR REPLACEMENT MUST, AS A MINIMUM, EQUAL ORIGINAL CONDITION. SPECIAL CARE MUST BE TAKEN ON THE ROOFS TO PREVENT DAMAGE. ANY DAMAGE MUST BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER. COMPLY WITH BONDING REQUIREMENTS OF THE ROOFING MANUFACTURER.
9. ALL MECHANICAL WORK MUST BE INSTALLED HIGH AS POSSIBLE SO AS TO MAINTAIN THE MAXIMUM POSSIBLE CLEARANCE ABOVE FINISHED FLOOR FOR TENANT FINISH-OUT.
10. CEILING MOUNTED LIGHTING AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL AIR DEVICE LOCATIONS.
11. FABRICATION AND INSTALLATION OF HVAC WORK IS TO COMPLY WITH SMACNA AND ALL APPLICABLE CODES.
12. DUCT SIZES SHOWN ON PLANS INDICATE MINIMUM REQUIRED CLEAR INSIDE DIMENSIONS. ADJUST DUCT SIZES FOR LINER THICKNESS WHERE APPLICABLE OR WHERE SHOWN. SEE NOTES AND/OR SPECIFICATIONS FOR INSULATION TYPE AND STANDARDS.
13. PROVIDE DUCT TRANSITIONS AS REQUIRED AT EQUIPMENT AND DEVICE CONNECTIONS WHERE DUCT SIZES INDICATED DIFFER FROM THE DUCT CONNECTION SIZE OR DUCT COLLAR.
14. ALL DUCTS MUST BE MOUNTED HIGH AS POSSIBLE EXCEPT AS REQUIRED TO AVOID CONFLICTS WITH INTERSECTING DUCTS. DIAGONALLY OFFSET ALL DUCTS IMMEDIATELY BEFORE AND AFTER PASSING UNDER INTERSECTING DUCTS OR LARGE STRUCTURAL MEMBERS TO MAINTAIN MAXIMUM HEIGHT ABOVE FINISHED FLOOR (AFF).
15. COORDINATE FINAL PLACEMENT OF ALL THERMOSTATS WITH WALL MOUNTED DEVICES AND OWNER'S REPRESENTATIVE. MOUNT THERMOSTATS AT 48" AFF. ANY THERMOSTAT THAT IS REQUIRED TO BE MOUNTED ON AN EXTERIOR WALL MUST BE MOUNTED ON AN INSULATED PAD.
16. BALANCE MECHANICAL SYSTEMS TO PROVIDE INDICATED FLOWS. SEE SPECIFICATIONS FOR OTHER TEST AND BALANCE REQUIREMENTS. SUBMIT FINAL BALANCE REPORT OF MECHANICAL SYSTEMS (FLOW AND TEMPERATURE) FOR REVIEW.
17. CONTRACTOR SHALL FLUSH ALL HYDRONIC SYSTEMS TO BE VERIFIED BY CM. UPON COMPLETION, INITIAL STRAINERS TO BE CLEAN AND STARTUP STRAINERS TO BE REMOVED.

0' 4' 8' 16'

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

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NOAH D. KINDER — No. 13207 — 10/30/2025

Little Rock A.F.B
Arkansas

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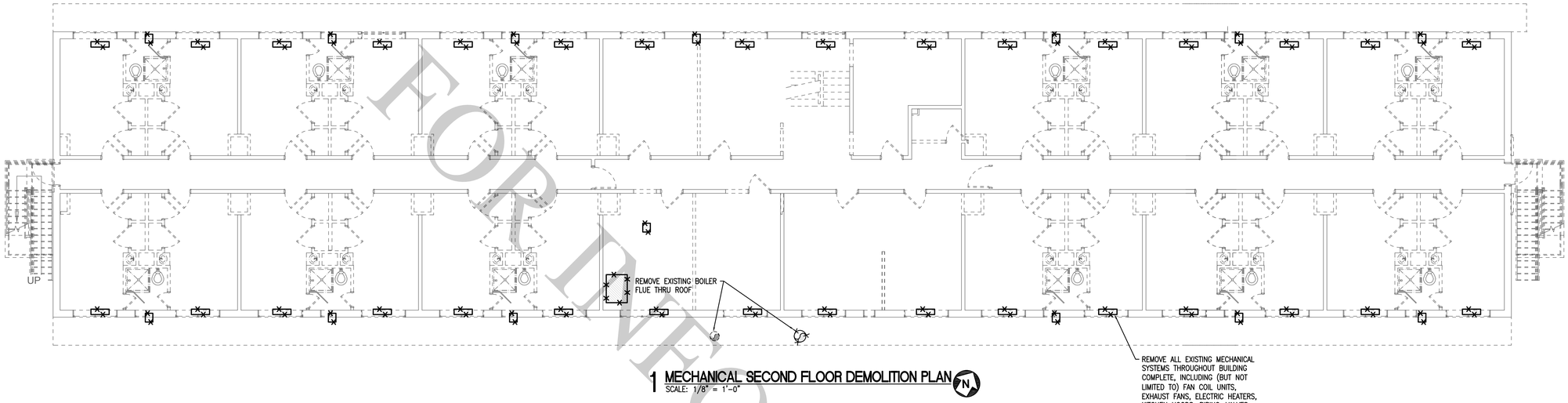
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

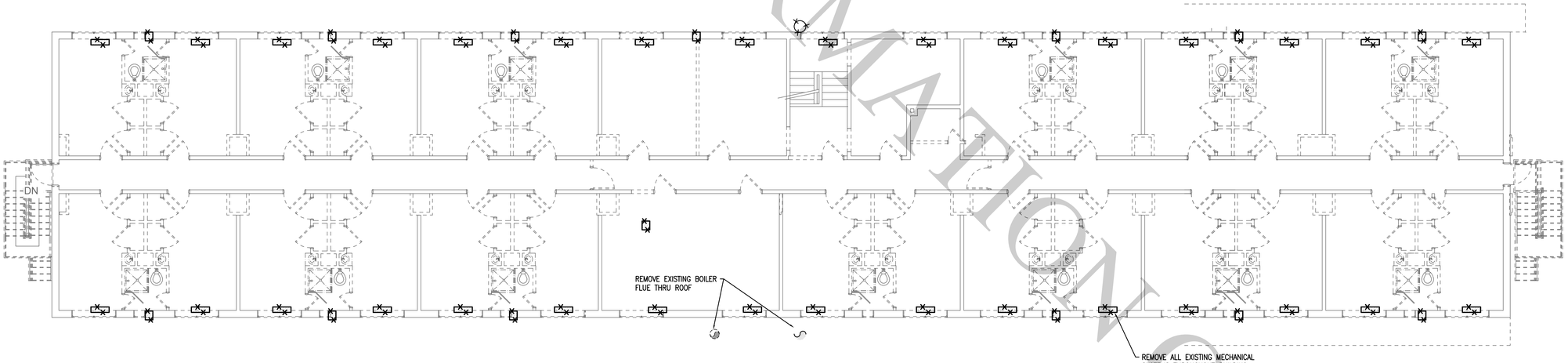
PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: MECHANICAL DEMOLITION PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: M101
DATE: 30 OCT 2025	
SCALE: AS NOTED	66 of 108



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



2 MECHANICAL THIRD FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

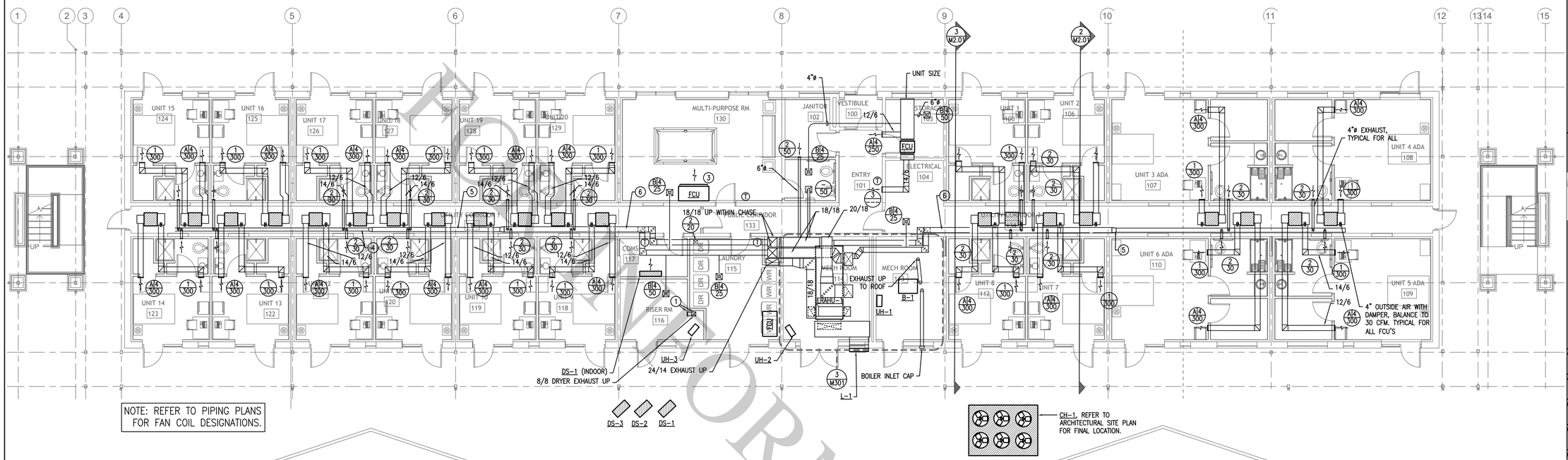
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
MECHANICAL DEMOLITION PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: M102
DATE: 30 OCT 2025	67 of 108
SCALE: AS NOTED	

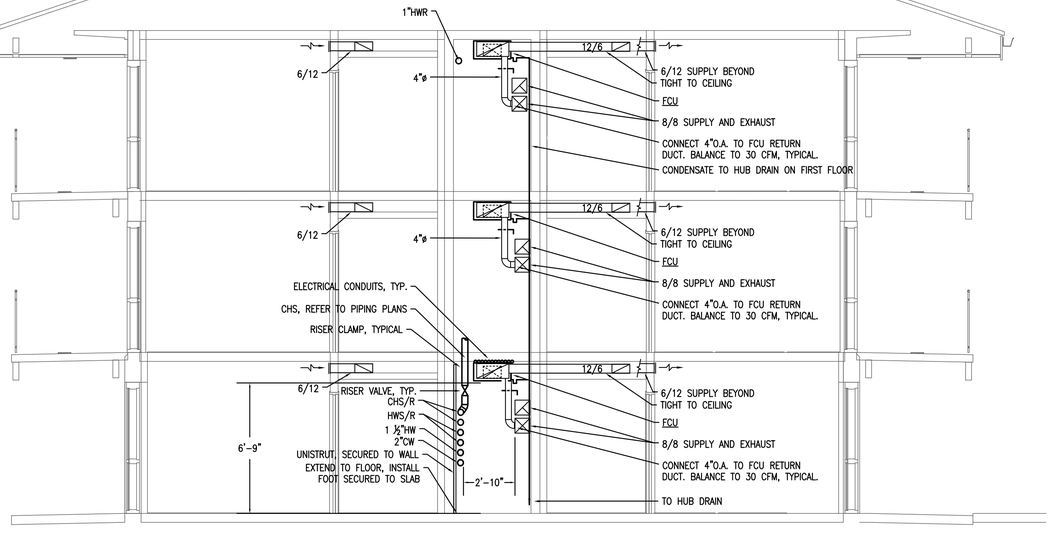
CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 13207
NOAH D. KINDER
10/30/2025

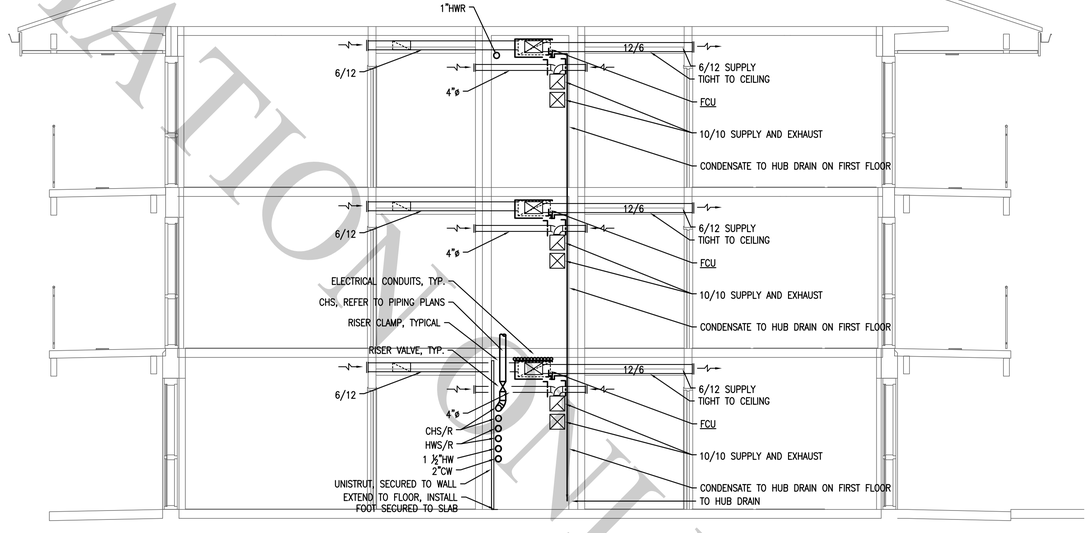


NOTE: REFER TO PIPING PLANS FOR FAN COIL DESIGNATIONS.

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



2 MECHANICAL PLAN - SECTION
SCALE: 1/4" = 1'-0"



3 MECHANICAL PLAN - SECTION
SCALE: 1/4" = 1'-0"

KEYED NOTES:

1. EXHAUST DUCT TO EXTEND TO 12"AFF. ROUTE FOUR 4"ø EXHAUST DUCTS TO DRYERS WITH LOWEST CONNECTION OF 24"ø. PROVIDE 8/8 TO MECHANICAL ROOM WITH ACCESS DOOR FOR LINT REMOVAL.
2. ROUTE FOUR 4"ø EXHAUST DUCTS TO DRYERS.
3. EXTEND DISCHARGE DUCT TO NEW GRILLE, SIZE TO EQUAL DIMENSIONS OF FAN COIL UNIT.
4. 6/6 OUTSIDE AIR DUCT (BOTTOM) AND EXHAUST DUCT (TOP) STACKED. REFER TO SECTION FOR ADDITIONAL INFORMATION.
5. 8/8 OUTSIDE AIR DUCT (BOTTOM) AND EXHAUST DUCT (TOP) STACKED. REFER TO SECTION FOR ADDITIONAL INFORMATION.
6. 10/10 OUTSIDE AIR DUCT (BOTTOM) AND EXHAUST DUCT (TOP) STACKED. REFER TO SECTION FOR ADDITIONAL INFORMATION.

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

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Arkansas

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY
A-PP3			

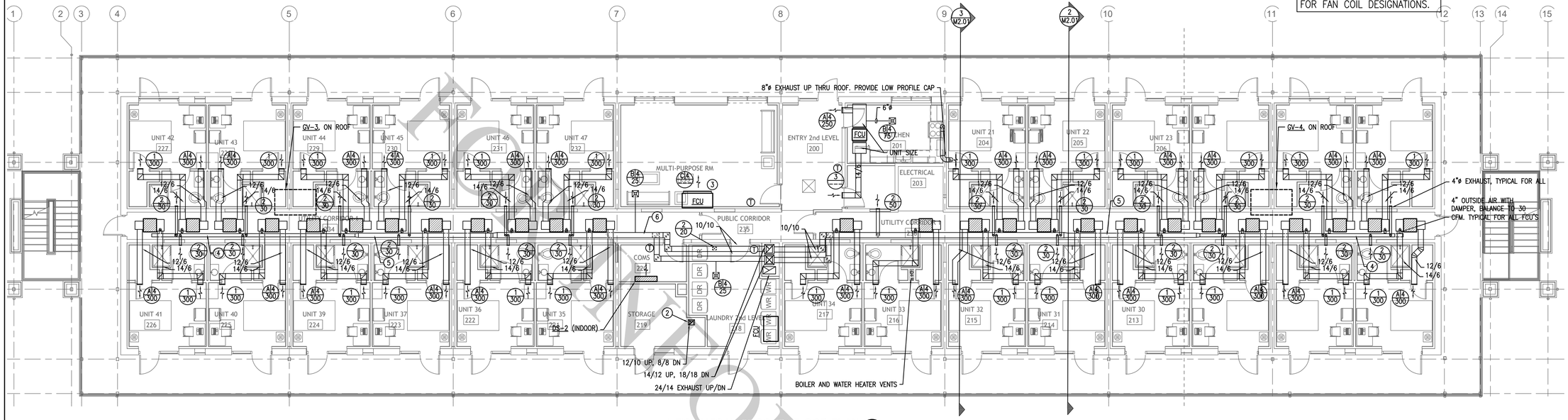
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
MECHANICAL PLAN

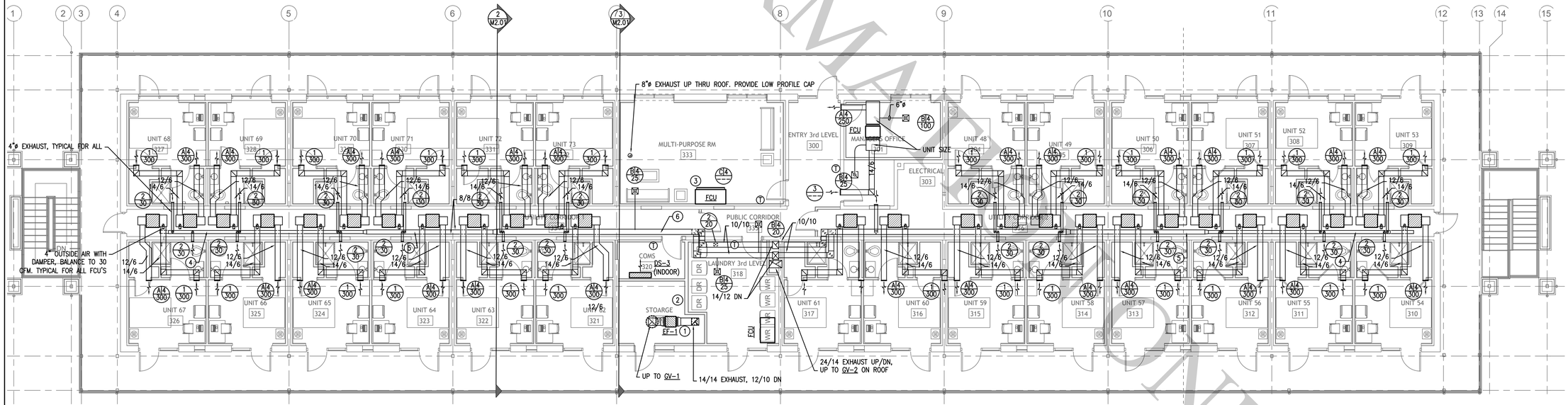
DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: M201
DATE: 30 OCT 2025	68 of 108
SCALE: AS NOTED	

CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 13207
NOAH D. KINDER
10/30/2025



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



2 MECHANICAL THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

NOTE: REFER TO PIPING PLANS FOR FAN COIL DESIGNATIONS.

KEYED NOTES:

1. EXHAUST FAN MOUNTED CLOSE TO CEILING. ROUTE NEW 14/ 14 UP THRU ROOF TO GRAVITY VENTILATOR, GV-1.
2. ROUTE FOUR 4"ø EXHAUST DUCTS TO DRYERS.
3. EXTEND DISCHARGE DUCT TO NEW GRILLE, SIZE TO EQUAL DIMENSIONS OF FAN COIL UNIT.
4. 6/6 OUTSIDE AIR DUCT (BOTTOM) AND EXHAUST DUCT (TOP) STACKED. REFER TO SECTION FOR ADDITIONAL INFORMATION.
5. 8/8 OUTSIDE AIR DUCT (BOTTOM) AND EXHAUST DUCT (TOP) STACKED. REFER TO SECTION FOR ADDITIONAL INFORMATION.
6. 10/10 OUTSIDE AIR DUCT (BOTTOM) AND EXHAUST DUCT (TOP) STACKED. REFER TO SECTION FOR ADDITIONAL INFORMATION.

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

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY

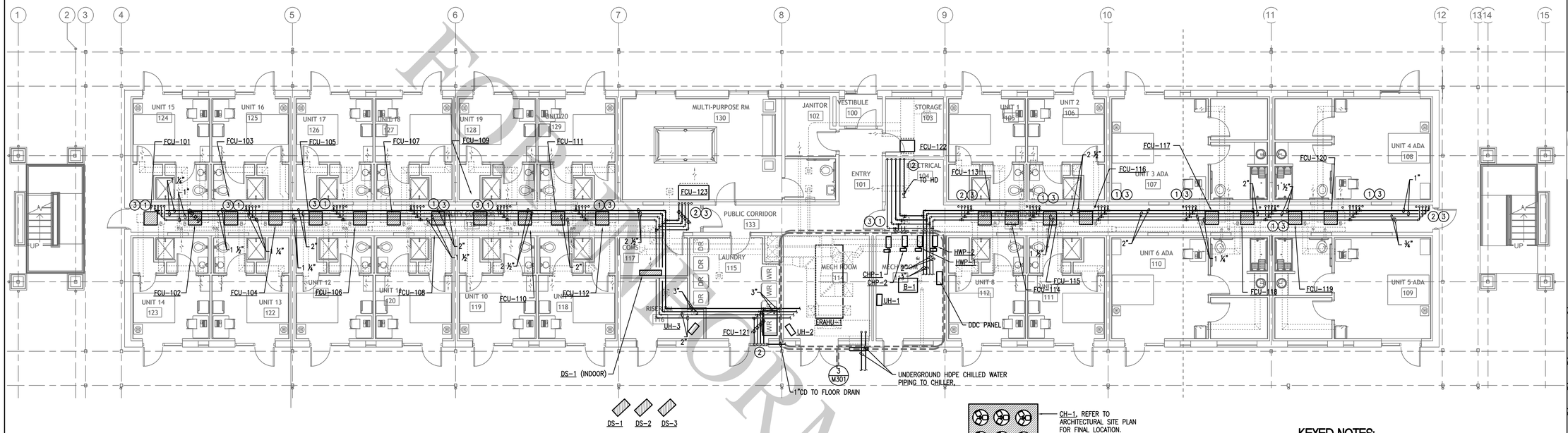
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
MECHANICAL PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: M202
DATE: 30 OCT 2025	
SCALE: AS NOTED	69 of 108

CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 13207
NOAH D. KINDER
10/30/2025



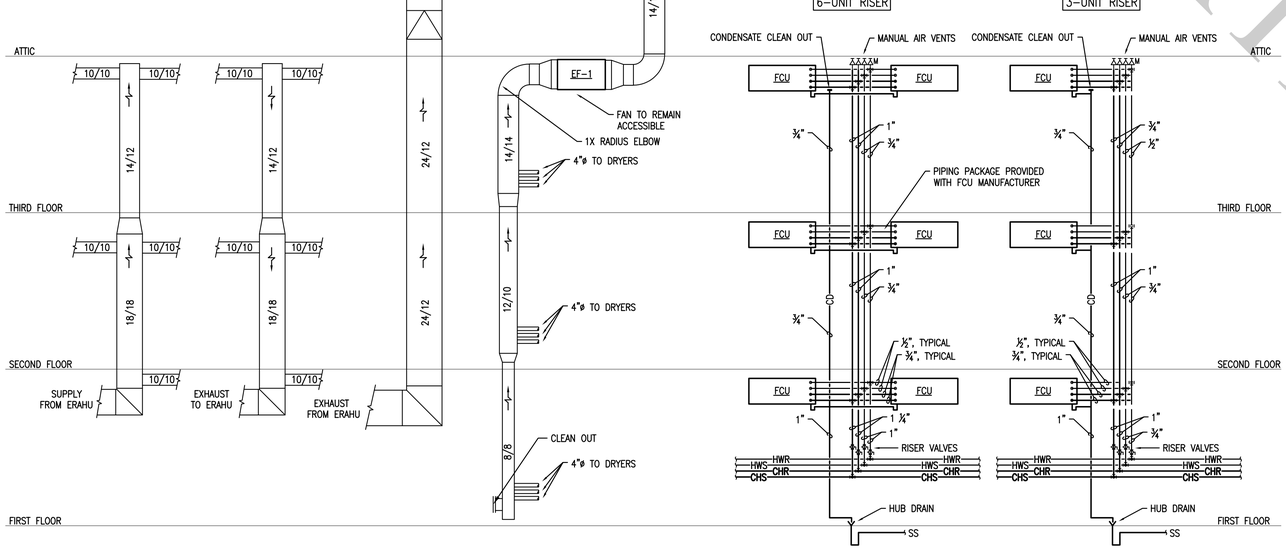
DS-1 DS-2 DS-3

CH-1, REFER TO ARCHITECTURAL SITE PLAN FOR FINAL LOCATION.

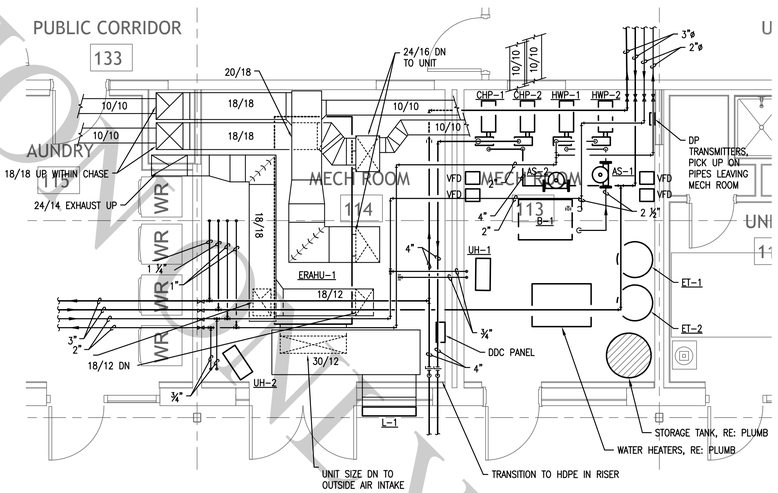
1 MECHANICAL PIPING FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

KEYED NOTES:

1. 1 ¼"CHS/R BRANCH WITH BALL VALVES, 1" HWS/R BRANCH WITH BALL VALVES. CONNECT 1ST FLOOR FAN COIL UNITS AND ROUTE PIPING TO UPPER FLOORS. REFER TO 6-UNIT RISER
2. 1"CHS/R BRANCH WITH BALL VALVES, ¾"HWS/R BRANCH WITH BALL VALVES. CONNECT 1ST FLOOR FAN COIL UNITS AND ROUTE PIPING TO UPPER FLOORS. REFER TO 3-UNIT RISER
3. HUB DRAIN, RE: PLUMBING. COMBINE ALL CONDENSATE FROM FLOORS ABOVE AND DISCHARGE TO HUB DRAIN.



2 TYPICAL HVAC RISERS
SCALE: NONE



3 MECHANICAL ROOM ENLARGED PLAN
SCALE: 1/4" = 1'-0"

NOTE: NO PIPING IS TO BE DIRECTLY SUPPORTED ON SHEETROCK. STRUT WITH PIPE CLAMPS TO BE USED ON SHEETROCK.

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

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AIR MOBILITY COMMAND
Little Rock A.F.B
Arkansas

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

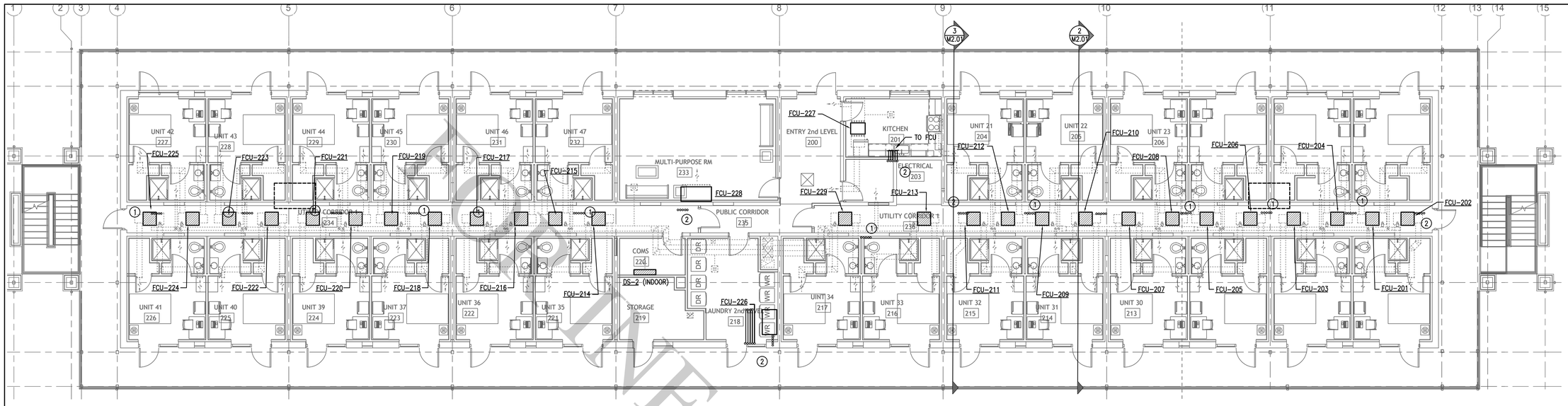
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
MECHANICAL PIPING PLAN

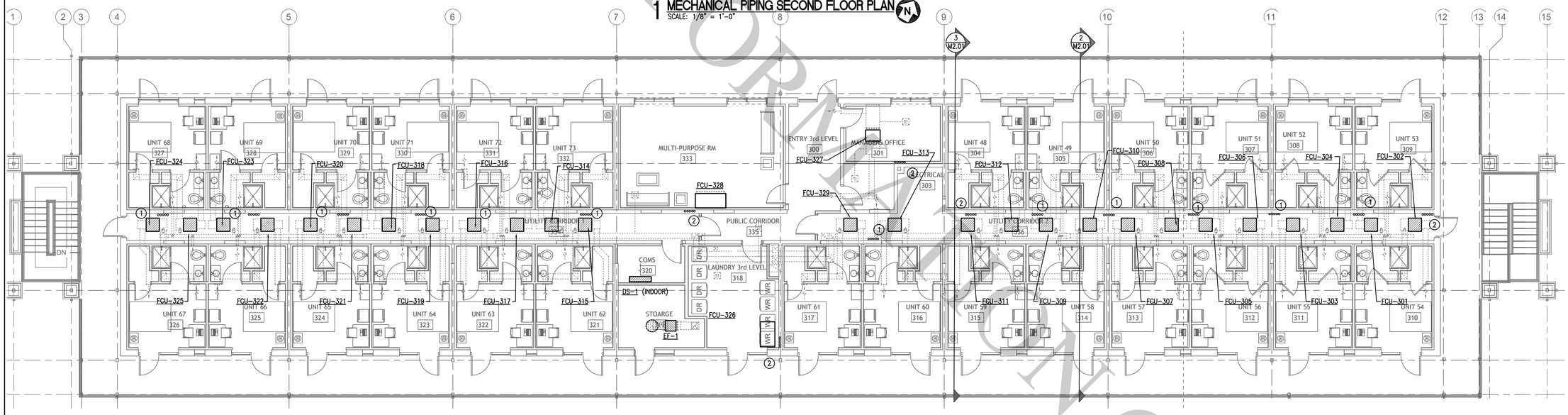
DRAWN BY	LEAD DESIGNER
EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	M301
DATE	
30 OCT 2025	70 of 108
SCALE	
AS NOTED	

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 13207 — NOAH D. KINDER — 10/30/2025



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



2 MECHANICAL PIPING THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

FOR INFORMATION ONLY

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

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Arkansas

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LITTLE ROCK, AR 72205 FX: (501) 244-0241

CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

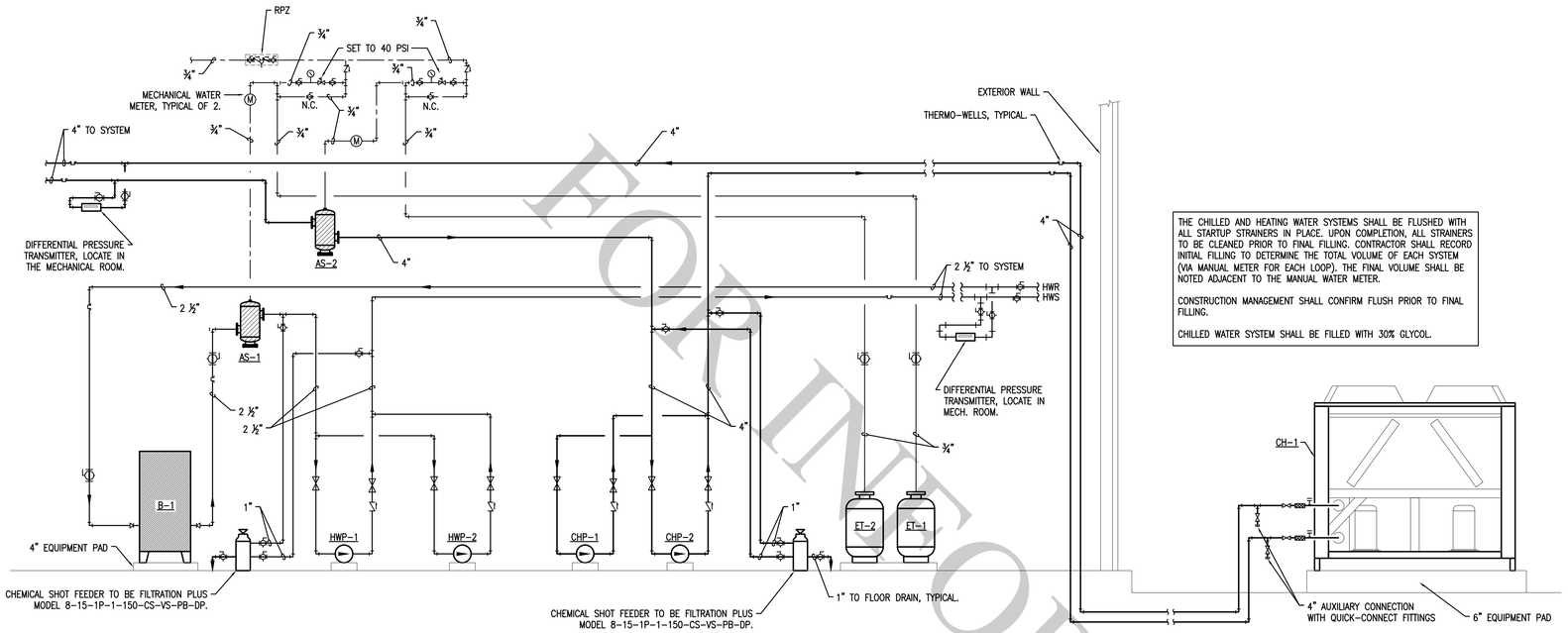
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
MECHANICAL PIPING PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: M302
DATE: 30 OCT 2025	71 of 108
SCALE: AS NOTED	

CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
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NOAH D. KINDER
NO. 13207
10/30/2025

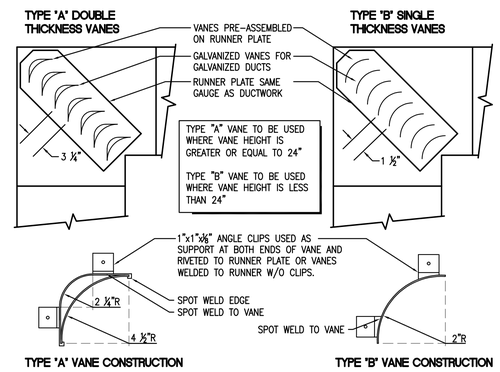


THE CHILLED AND HEATING WATER SYSTEMS SHALL BE FLUSHED WITH ALL STARTUP STRAINERS IN PLACE. UPON COMPLETION, ALL STRAINERS TO BE CLEANED PRIOR TO FINAL FILLING. CONTRACTOR SHALL RECORD INITIAL FILLING TO DETERMINE THE TOTAL VOLUME OF EACH SYSTEM (VIA MANUAL METER FOR EACH LOOP). THE FINAL VOLUME SHALL BE NOTED ADJACENT TO THE MANUAL WATER METER.

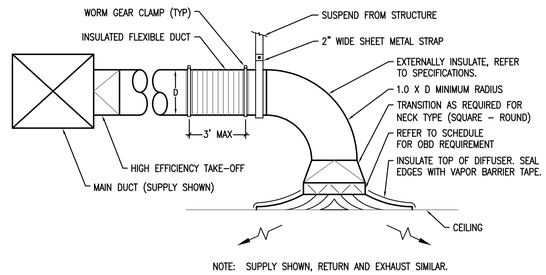
CONSTRUCTION MANAGEMENT SHALL CONFIRM FLUSH PRIOR TO FINAL FILLING.

CHILLED WATER SYSTEM SHALL BE FILLED WITH 30% GLYCOL.

1 MECHANICAL PIPING DIAGRAM
SCALE: NONE

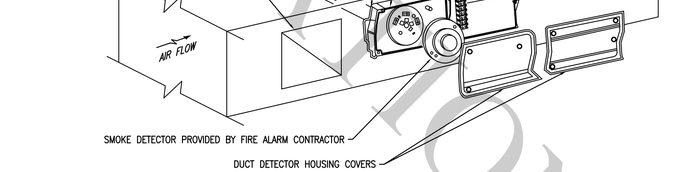


2 DUCT TURNING VANE DETAIL
SCALE: NONE

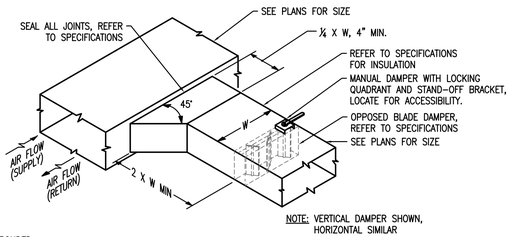


NOTE: SUPPLY SHOWN, RETURN AND EXHAUST SIMILAR.

3 CEILING DIFFUSER DETAIL
SCALE: NONE

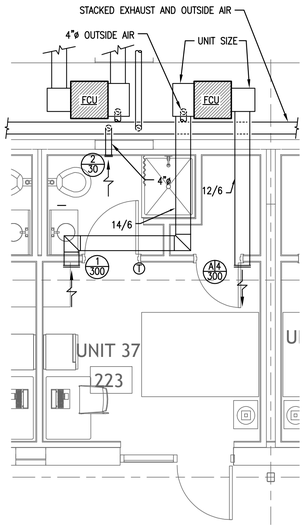


5 DUCT DETECTOR INSTALLATION DETAIL
SCALE: NONE

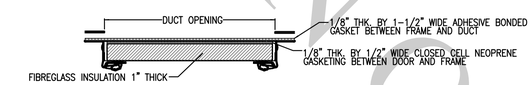


NOTE: VERTICAL DAMPER SHOWN, HORIZONTAL SIMILAR

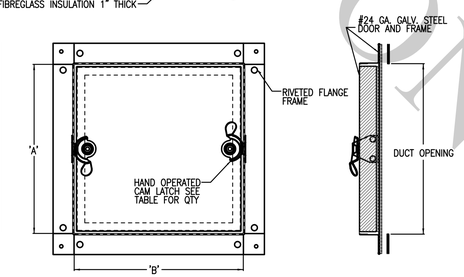
6 RECTANGULAR DUCT TAKE-OFF DETAIL
SCALE: NONE



4 TYPICAL DORM ROOM HVAC
SCALE: NONE



NOMINAL SIZE	A	B	DUCT OPENING	LATCH
6 x 6	5.375	5.375	4-1/2 X 4-1/2	2
8 x 8	7.375	7.375	6-1/2 X 6-1/2	2
10 x 10	9.375	9.375	8-1/2 X 8-1/2	2
12 x 12	11.375	11.375	10-1/2 X 10-1/2	2
12 x 18	17.375	11.375	10-1/2 x 16-1/2	4
14 x 14	13.375	13.375	12-1/2 x 12-1/2	4
16 x 16	15.375	15.375	14-1/2 x 14-1/2	4
18 x 18	17.375	17.375	16-1/2 x 16-1/2	4
20 x 20	19.375	19.375	18-1/2 x 18-1/2	4
24 x 24	23.375	23.375	22-1/2 x 22-1/2	4



6 DUCT ACCESS DOOR DETAIL
SCALE: NONE

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 13207 — NOAH D. KINDER — 10/30/2025

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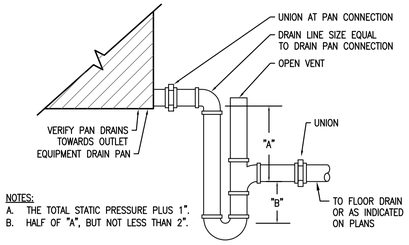
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

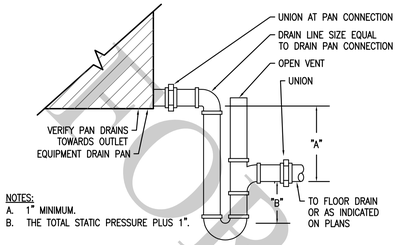
SHEET TITLE
MECHANICAL DETAILS

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: M401
DATE: 30 OCT 2025	72 of 108
SCALE: AS NOTED	



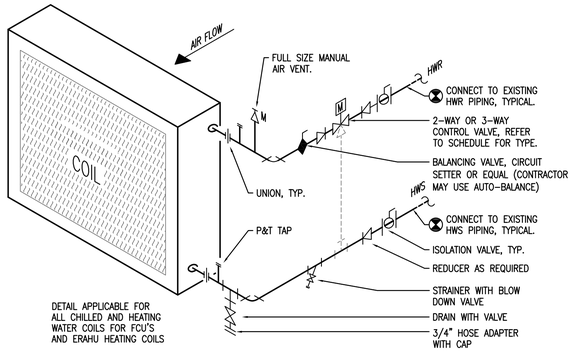
NOTES:
A. THE TOTAL STATIC PRESSURE PLUS 1".
B. HALF OF "A", BUT NOT LESS THAN 2".

1 DRAW-THRU CONDENSATE DRAIN DETAIL
SCALE: NONE

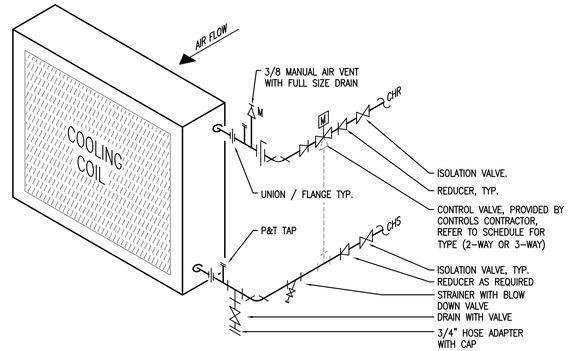


NOTES:
A. 1" MINIMUM.
B. THE TOTAL STATIC PRESSURE PLUS 1".

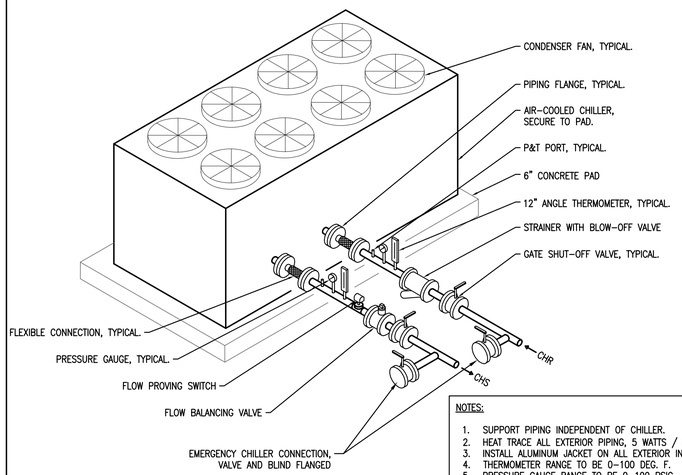
2 BLOW-THRU CONDENSATE DRAIN DETAIL
SCALE: NONE



3 FCU - WATER COIL PIPING DETAIL
SCALE: NONE

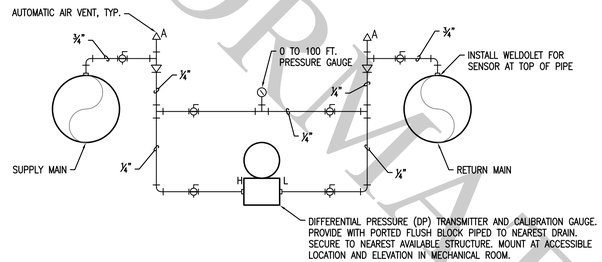


4 CHILLED WATER COIL PIPING DETAIL
SCALE: NONE

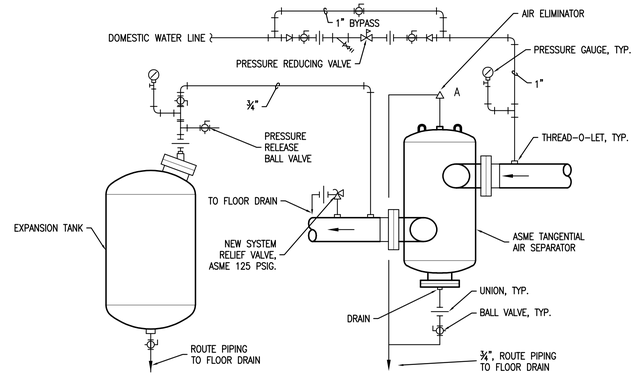


NOTES:
1. SUPPORT PIPING INDEPENDENT OF CHILLER.
2. HEAT TRACE ALL EXTERIOR PIPING, 5 WATTS / FOOT (MINIMUM).
3. INSTALL ALUMINUM JACKET ON ALL EXTERIOR INSULATION.
4. THERMOMETER RANGE TO BE 0-100 DEG. F.
5. PRESSURE GAUGE RANGE TO BE 0-100 PSIG.
6. STRAINER PROVIDED FOR INITIAL START-UP PROTECTION.
7. FURNISH AND INSTALL CONTROL DEVICES AS INDICATED, INCLUDING TEMPERATURE SENSORS, DIFFERENTIAL PRESSURE SENSORS, ETC. AS RECOMMENDED BY CHILLER MANUFACTURER.

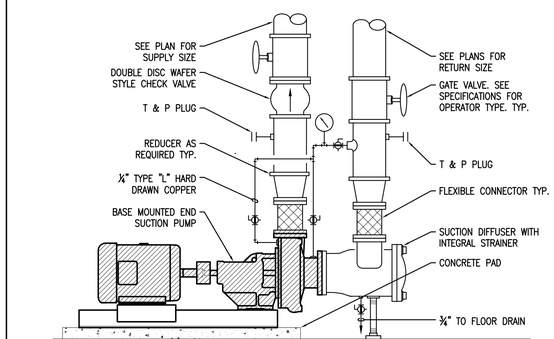
5 AIR-COOLED CHILLER PIPING DETAIL
SCALE: NONE



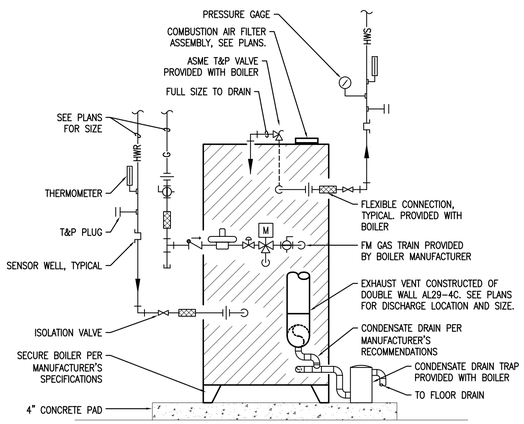
6 DIFFERENTIAL PRESSURE TRANSMITTER DETAIL
SCALE: NONE



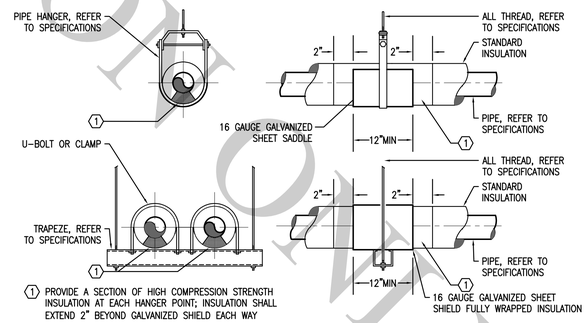
7 AIR CONTROL PIPING DETAIL
SCALE: NONE



8 END SUCTION PUMP DETAIL
SCALE: NONE



9 HEATING WATER BOILER DETAIL
SCALE: NONE



1 PROVIDE A SECTION OF HIGH COMPRESSION STRENGTH INSULATION AT EACH HANGER POINT; INSULATION SHALL EXTEND 2" BEYOND GALVANIZED SHIELD EACH WAY

10 INSULATED PIPE HANGER DETAIL
SCALE: NONE

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
MECHANICAL DETAILS

DRAWN BY	LEAD DESIGNER
EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	M402
DATE	
30 OCT 2025	73 of 108
SCALE	
AS NOTED	

CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 13207
NOAH D. KINDER
10/30/2025

HYDRONIC SYSTEM SEQUENCE OF OPERATION:

GENERAL:

THE CHILLED WATER SYSTEM CONSISTS OF A VARIABLE PRIMARY PUMPING SYSTEM COMPRISED OF ONE PUMP COUPLED WITH AN AIR COOLED CHILLER. THE HEATING WATER SYSTEM IS A VARIABLE PRIMARY PUMPING SYSTEM COMPRISED OF ONE PUMP COUPLED WITH ONE CONDENSING STYLE BOILER.

CHILLED WATER PUMP:

THE CHILLED WATER PUMPS ARE TO BE BE CONFIGURED IN A LEAD/LAG CONFIGURATION. PUMP SPEED SHALL BE MODULATED TO MAINTAIN THE DIFFERENTIAL PRESSURE (ADJUSTABLE) REQUIRED FOR ADEQUATE FLOW DETERMINED BY THE TAB CONTRACTOR.

CHILLED WATER BYPASS:

NO CHILLED WATER BYPASS, MINIMUM CHILLER FLOW MAINTAINED VIA 3-WAY VALVES.

CHILLER:

THE CHILLER SHALL BE EQUIPPED WITH EQUIPMENT CONTROL SUPPLIED BY THE MANUFACTURE TO SEQUENCE THE COMPRESSORS BASED ON THE ACTUAL LOAD. ONCE FLOW VERIFICATION IS ACHIEVED, THE STAND-A-LONE CONTROL SHALL SEQUENCE COMPRESSORS AND FANS TO MAINTAIN A SUPPLY TEMPERATURE OF 44 DEGREES (ADJUSTABLE). THE EMS SHALL INTERLOCK WITH CHILLER CONTROLS FOR START/STOP AND ALARM MONITORING.

HEATING WATER PUMP:

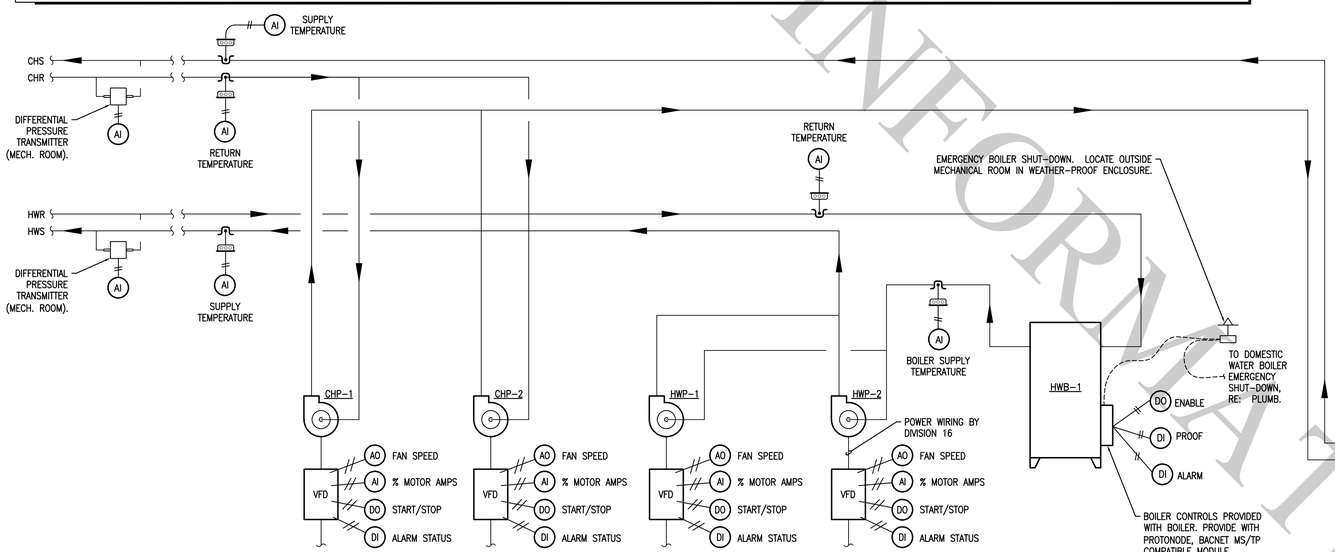
THE HEATING WATER PUMPS ARE TO BE BE CONFIGURED IN A LEAD/LAG CONFIGURATION. PUMP SPEED SHALL BE MODULATED TO MAINTAIN THE DIFFERENTIAL PRESSURE (ADJUSTABLE) REQUIRED FOR ADEQUATE FLOW DETERMINED BY THE TAB CONTRACTOR.

BOILER PUMP:

BOILER PUMP SHALL BE STARTED AND STOPPED BY THE BOILER CONTROLLER.

BOILER:

THE BOILER SYSTEM SHALL START AND STOP UPON EMS COMMAND. THE BOILER CONTROLLER SHALL STAGE THE BOILER'S RATE OF FIRE AS NEEDED TO MEET THE FACILITY'S LOAD. THE FLOW VERIFICATION SHALL BE SATISFIED PRIOR TO BOILER OPERATION. THE SYSTEM'S FIRE RATE (% FIRE) SHALL BE MODULATED TO MAINTAIN THE LEAVING WATER TEMPERATURE AT SETPOINT. THE LEAVING WATER TEMPERATURE SHALL BE DETERMINED BY THE EMS THROUGH THE GLOBAL TEMPERATURE SENSOR AND SHALL SEND THE SETPOINT TO THE BOILER CONTROL SYSTEM (4ma and 20ma). THE HEATING WATER SUPPLY TEMPERATURE SHALL BE 140 DEG. F (ADJUSTABLE) WHEN THE OUTSIDE AIR TEMPERATURE IS AT OR BELOW 50 DEG. F (ADJUSTABLE). WHEN THE OUTSIDE AIR TEMPERATURE RISES ABOVE 50 DEG. F. (ADJUSTABLE), THE SUPPLY TEMPERATURE SHALL BE RESET DOWN LINEARLY 5 DEG. F (ADJUSTABLE) SUPPLY TEMPERATURE FOR EVERY 1 DEG. F (ADJUSTABLE) CHANGE IN OUTSIDE AIR TEMPERATURE TO 110 DEG. F. (ADJUSTABLE) AT 60 DEG. F (ADJUSTABLE). WHEN THE OUTSIDE AIR TEMPERATURE FALLS BELOW 60 DEG. F (ADJUSTABLE), THE SUPPLY TEMPERATURE SHALL RESET UP LINEARLY AT THE SAME RATE AS IT RESETS DOWN UNTIL IT REACHES 140 DEG. F (ADJUSTABLE) AT AN OUTSIDE AIR TEMPERATURE OF 50 DEG. F (ADJUSTABLE).



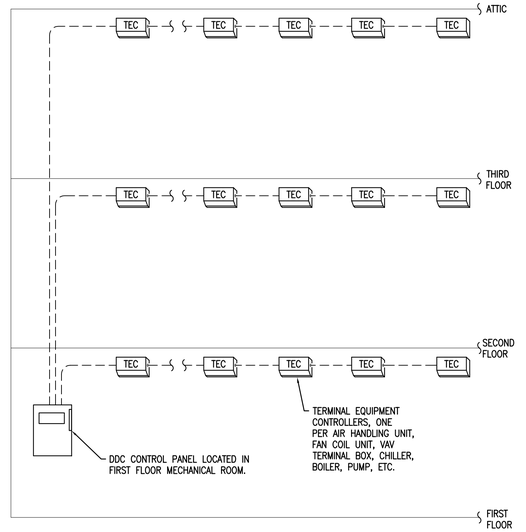
2 CHILLED AND HEATING WATER CONTROL DIAGRAM
SCALE: NONE



WORKSTATION:

THE CONTROLS CONTRACTOR SHALL INSTALL A NEW COMPLETE CONTROLS SYSTEM FOR THIS BUILDING AND SHALL PROVIDE A NEW BUILDING CONTROLLER. ALL INFORMATION SHALL BE INTEGRATED INTO THE EXISTING CAMPUS CONTROLS SYSTEM. LIVE GRAPHICS FOR THE CAMPUS WORKSTATIONS SHALL INCLUDE THE FOLLOWING POINTS PER PIECE OF EQUIPMENT:

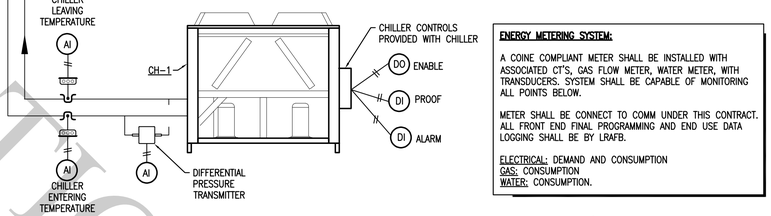
AIR HANDLERS, FAN COIL UNITS, CHILLERS, BOILERS, PUMPS, AND POINTS INDICATED ON DIAGRAMS.



1 CONTROL RISER DIAGRAM
SCALE: NONE

CONTROLS LEGEND

AI	ANALOG INPUT	TEC	TERMINAL EQUIPMENT CONTROLLER
AO	ANALOG OUTPUT		TEMPERATURE SENSOR
DI	DIGITAL INPUT		FLOW SWITCH
DO	DIGITAL OUTPUT	M	2-WAY CONTROL VALVE
T	THERMOSTAT	M	3-WAY CONTROL VALVE
TS	TEMPERATURE SENSOR		DAMPER ACTUATOR
	TEMPERATURE SENSOR		SMOKE DETECTOR
	AVERAGING TEMPERATURE SENSOR		DIFFERENTIAL PRESSURE TRANSMITTER
	HUMIDITY SENSOR		PRESSURE SWITCH / SENSOR



ENERGY METERING SYSTEM:

A COINE COMPLIANT METER SHALL BE INSTALLED WITH ASSOCIATED CT'S, GAS FLOW METER, WATER METER, WITH TRANSDUCERS. SYSTEM SHALL BE CAPABLE OF MONITORING ALL POINTS BELOW.

METER SHALL BE CONNECT TO COMM UNDER THIS CONTRACT. ALL FRONT END FINAL PROGRAMMING AND END USE DATA LOGGING SHALL BE BY LRAFB.

ELECTRICAL: DEMAND AND CONSUMPTION
GAS: CONSUMPTION
WATER: CONSUMPTION.

ENERGY RECOVERY AIR HANDLING UNITS (ERAHU-#) SEQUENCE OF OPERATION:

UNITS SHALL BE CONTROLLED VIA FACTORY MOUNTED MICROPROCESSOR CONTROLLER. UNIT SHALL BE CAPABLE OF STAND-A-LONE OPERATION WITH NETWORK COMPATIBILITY SPECIFIED BY CONTROLS CONTRACTOR (TRANE BACNET). UNIT SHALL BE STARTED AND STOPPED UPON SIGNAL OF THE EMS (TYPICALLY TO OPERATE 24/7). WHEN UNIT IS NOT IN OPERATION THE ISOLATION DAMPERS ARE TO BE CLOSED.

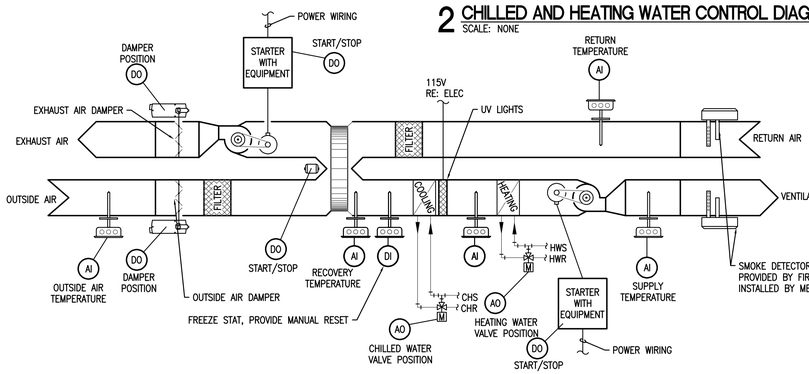
WHEN THE OUTDOOR AIR TEMPERATURE IS ABOVE 80 DEGREES F (ADJUSTABLE) THE CONTROLLER SHALL MODULATE THE CHILLED WATER VALVE TO MAINTAIN THE SUPPLY AIR TEMPERATURE AT 55 DEGREES F (ADJUSTABLE). THE REHEAT VALVE SHALL BE LOCKED OUT AND THE ENTHALPY WHEEL SHALL BE IN OPERATION.

WHEN THE OUTSIDE AIR TEMPERATURE FALLS BELOW 55 DEGREES F THE CHILLED WATER VALVE SHALL BE CLOSED AND THE HEATING CONTROL VALVE MODULATED TO MAINTAIN A SUPPLY AIR TEMPERATURE OF 70 DEGREES F (ADJUSTABLE).

WHEN THE OUTSIDE AIR TEMPERATURE FALLS BETWEEN 55 AND 80 DEGREES F THE CHILLED WATER VALVE IS TO BE MODULATED TO MAINTAIN A COIL LEAVING TEMPERATURE OF 55 DEGREES AND THE HEATING WATER VALVE IS TO BE MODULATED TO MAINTAIN A UNIT DISCHARGE TEMPERATURE OF 70 DEGREES F.

FREEZE CONTROL: IF THE ENTERING COIL TEMPERATURE FALLS BELOW 38 DEGREES F. THE SUPPLY FAN IS TO STOP AND ISOLATION DAMPER TO CLOSE (EXHAUST FAN TO REMAIN OPERATIONAL). THE UNIT MUST BE MANUALLY RESET AS CONDITION INDICATES ENTHALPY WHEEL FAILURE.

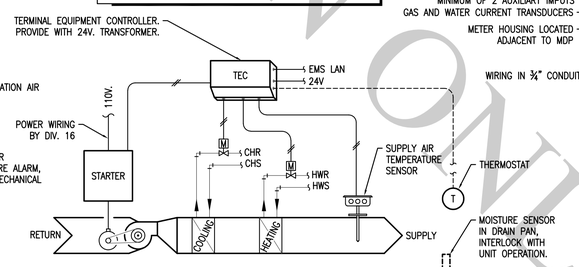
SMOKE DETECTORS SHALL BE HARD CONNECTED TO SUPPLY FAN CONTROL TO SHUT DOWN UPON ALARM. SYSTEM SHALL REQUIRE MANUAL RESET.



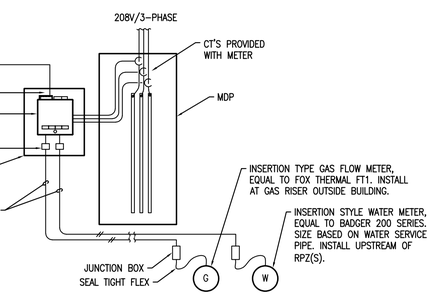
3 ENERGY RECOVERY AIR HANDLING UNIT CONTROL DIAGRAM
SCALE: NONE

FAN COIL UNIT SEQUENCE OF OPERATION:

THE TERMINAL UNIT CONTROLLER SHALL SEQUENCE THE FAN SPEED (OFF, LOW, MEDIUM, AND HIGH) AND CYCLE THE CHILLED WATER VALVE AND MODULATE THE HEATING WATER VALVE TO MAINTAIN THE SPACE TEMPERATURE. INTERLOCK MOISTURE SENSOR TO SHUT DOWN UNIT AND ALARM UPON WATER DETECTION IN DRAIN PAN.



4 FAN COIL UNIT CONTROL DIAGRAM (4-PIPE)
SCALE: NONE



5 ENERGY METERING CONTROL DIAGRAM
SCALE: NONE

VARIABLE FREQUENCY DRIVES

DESIGNATION	REFERENCE PRODUCT	LOCATION	SERVES	TYPE	RATED HORSEPOWER	EFFICIENCY (%)	ELECTRICAL		REMARKS
							VOLTS	PHASE	
VFD-HWP-1, HWP-2	ABB ACH-550	MECHANICAL RM. BASEMENT	HWP-1	PWM	3	96	208	3	FURNISH WITH INPUT DISCONNECT SWITCH, INPUT LINE REACTORS, AND CONTROL INTERFACE WITH EMS.
VFD-CHP-1, CHP-2	ABB ACH-550	MECHANICAL RM. BASEMENT	CHP-1	PWM	5	96	208	3	FURNISH WITH INPUT DISCONNECT SWITCH, INPUT LINE REACTORS, AND CONTROL INTERFACE WITH EMS.

NOTES:
1. VARIABLE FREQUENCY DRIVES SHALL BE PROVIDED BY THE CONTROLS CONTRACTOR.
2. ALL VARIABLE FREQUENCY DRIVES WITHIN THIS PROJECT SHALL BE OF THE SAME SERIES.

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Arkansas

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
MECHANICAL CONTROLS

DRAWN BY	LEAD DESIGNER
EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	M501
DATE	
30 OCT 2025	74 of 108
SCALE	
AS NOTED	

CERTIFICATE OF AUTHORIZATION
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No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 13207
NOAH D. KINDER
10/30/2025

DUCTLESS SPLIT HEAT PUMP, COOLING ONLY

DESIGNATION	REFERENCE PRODUCT	TYPE	SERVES	AIR FLOW RATE (CFM)	COOLING				ELECTRICAL DATA					REMARKS
					NOMINAL CAPACITY (TONS)	SENSIBLE/TOTAL CAPACITY (MBH)	AIR EDB/EWB (DEG. F)	MINIMUM SEER	INDOOR UNIT		OUTDOOR UNIT			
									VOLTS / PHASE	MCA	VOLTS / PHASE	MCA	MCOP	
DS-1, DS-2, DS-3	TRANE PKA/PUY-A18	WALL MOUNTED	COMM	425	1.5	18.2 / 11.4	80 / 67	18.5	208 / 1	<3	208 / 1	11.4	15	

NOTES:
1. FIELD ROUTE REFRIGERANT LINE SET BETWEEN INDOOR / OUTDOOR UNITS (SIZED PER MANUFACTURER RECOMMENDATION).
2. PROVIDE WALL MOUNT T'STAT, COMPRESSOR SHORT CYCLE PROTECTOR, HIGH AND LOW PRESSURE PROTECTIONS, AND 1-YEAR WARRANTY FOR REFRIGERATION SYSTEM.
3. ELECTRICAL DISCONNECT BY ELECTRICAL CONTRACTOR.

AIR COOLED CHILLERS

DESIGNATION	REFERENCE PRODUCT	TYPE	REFRIGERANT	WEIGHT (LBS)	COOLING DATA					EVAPORATOR FLOW DATA				ELECTRICAL DATA				REMARKS
					NOMINAL TONS	FULL LOAD CAPACITY (TONS)	AMBIENT AIR TEMPERATURE (DEG. F)	FULL LOAD EER	IPLV / NPLV	DESIGN FLOW RATE (GPM)	PRESSURE DROP (FEET)	MINIMUM FLOW RATE (GPM)	EVAPORATOR EWT/LWT (DEG. F)	VOLTS / PHASE	MCA	MOCP	STARTER TYPE	
CH-1	TRANE CGAM	SCROLL	HFC-410A	5,692	80	67.6	95		15.4 / 14.1	200	12.1	64.2	54 / 42	208 / 3	354	400	ACROSS THE LINE	SELECTED WITH 30% PROPYLENE GLYCOL

NOTES:
1. PROVIDE EACH UNIT WITH SINGLE POINT POWER CONNECTION WITH BREAKER DISCONNECT.
2. PROVIDE EACH UNIT WITH COMPRESSOR SHORT CYCLE PROTECTION, LOW PRESSURE CUT OFF SWITCH AND FLOW VERIFICATION.
3. PROVIDE 5 YEAR EXTENDED PARTS WARRANTIES ON ALL REFRIGERANT COMPRESSORS.
4. PROVIDE 110V HEAT TRACE FOR FREEZE PROTECTION.
5. PROVIDE FACTORY REGRIGERANT TERMINATION, SYSTEM CHARGE, AND STARTUP.
6. REFER TO CONTROL DRAWINGS AND SPECIFICATIONS FOR CONTROLS REQUIRED. PROVIDE BACNET INTEGRATION MODULE.

HYDRONIC UNIT HEATERS

DESIGNATION	REFERENCE PRODUCT	HEATING SECTION			FAN DATA	ELECTRICAL		OPTIONS			REMARKS
		WATER FLOW (GPM)	HEAT INPUT (BTU/hr)	AIR THROW (FEET)	AIR FLOW (CFM)	STATIC PRESSURE (INCHES W.C.)	VOLTS / PHASE	MOTOR (WATTS)	THERMOSTAT TYPE	MANUAL FAN SWITCH	DISCONNECT SWITCH	
UH-1, UH-2, UH-3	STERLING 118A	1.9	18.4	8	250	---	115 / 1	25.0	WALL	NO	NO	

NOTES:
1. ACCEPTABLE MANUFACTURERS: MARKEL, TRANE, MODINE, OR EQUAL.
2. UNIT DISCONNECT PROVIDED BY ELECTRICIAN.
3. PROVIDE UNIT HEATERS WITH HANGING KIT AND WALL MOUNTED THERMOSTAT.

PUMPS

DESIGNATION	REFERENCE PRODUCT	LOCATION	TYPE	SERVES	WATER FLOW RATE (GPM)	TOTAL HEAD (FT. WATER)	ROTATION (RPM)	EFFICIENCY AT DESIGN (%)	MOTOR SIZE		ELECTRICAL		REMARKS
									BHP	MHP	VOLTS	PHASE	
HWP-1	GRUNDFOS 15951	MECHANICAL	END SUCTION	HEATING WATER	50	80	1800	52.0	1.9	3	208	3	
HWP-2	GRUNDFOS 15951	MECHANICAL	END SUCTION	HEATING WATER	50	80	1800	52.00	1.9	3	208	3	
CHP-1	GRUNDFOS 15959 LC	MECHANICAL	END SUCTION	CHILLED WATER	100	80	1800	69.00	3.8	5	208	3	
CHP-2	GRUNDFOS 15959 LC	MECHANICAL	END SUCTION	CHILLED WATER	100	80	1800	69.00	3.8	5	208	3	

1. ACCEPTABLE MANUFACTURERS: ARMSTRONG, BELL & GOSSETT, PACO, AND TACO.
2. PROVIDE END SUCTION PUMPS WITH SUCTION DIFFUSER.

EXPANSION TANKS

DESIGNATION	REFERENCE PRODUCT	LOCATION	SERVES	TYPE	MINIMUM TEMPERATURE (DEG F.)	MAXIMUM TEMPERATURE (DEG F.)	MINIMUM PRESSURE (PSIG)	MAXIMUM PRESSURE (PSIG)	REQUIRED ACCEPTANCE (GAL)	TANK VOLUME (GAL)	TANK DIAMETER (IN.)	TANK HEIGHT (IN.)	REMARKS
ET-1	TACO CA140-125	BASEMENT MECHANICAL	HEATING WATER	DIAPHRAGM	50	180	30	60	15.5	37	16	40	LOCATE ON EQUIPMENT PAD.
ET-2	TACO CA90-125	BASEMENT MECHANICAL	CHILLED WATER	DIAPHRAGM	40	100	30	60	6.5	23	16	29	LOCATE ON EQUIPMENT PAD.

NOTES:
1. ACCEPTABLE MANUFACTURERS: AMTROL, ARMSTRONG, TACO, AND WHEATLEY.
2. COORDINATE EXISTING MAKEUP PRESSURE WITH PRECHARGE OF EXPANSION TANK.

LOUVER SCHEDULE

DESIGNATION	REFERENCE PRODUCT	TYPE	MAXIMUM AIRFLOW (CFM)	PRESSURE DROP (IN. WATER)	MINIMUM FREE AREA (SQ FT.)	SIZE W x H (INCHES)	REMARKS
L-1	RUSKIN L6375D	DRAINABLE BLADE	2,500	0.08	4.5	36 x 36	

NOTES:
1. ACCEPTABLE MANUFACTURERS: AMERICAN WARMING, GREENHECK, AND RUSKIN.
2. ALL MOTORIZED DAMPER ACTUATORS SHALL BE PROVIDED BY THE CONTROLS CONTRACTOR.
3. ALL LOUVERS SHALL BE OF ALUMINUM CONSTRUCTION.
4. PAINT / FINISH TO MATCH BUILDING. COORDINATE WITH ARCHITECT.

HEATING WATER BOILER

DESIGNATION	REFERENCE PRODUCT	LOCATED	FUEL TYPE	HEATING DATA				ELECTRICAL		REMARKS
				NAT. GAS INPUT (MBH)	HEATING OUTPUT (MBH)	EWT / LWT DEG. F.	WATER FLOW (GPM)	VOLTS / PHASE	AMPS	
B-1	PATTERSON KELLEY MODUFIRE	MECH	NATURAL GAS	1,000	820	160 / 140	75	115 / 1	13	

NOTES:
1. NOTE: HEATING OUTPUT IS MAX AND NOT BASED ON OPERATING CONDITIONS.
2. PROVIDE UNITS WITH A MINIMUM OF A 5:1 TURNDOWN, ASME RELIEF, AND DISCONNECT.
3. PROVIDE UNITS WITH FM APPROVED GAS TRAIN AND FACTORY STARTUP.
4. REFER TO CONTROL DRAWINGS AND SPECIFICATIONS FOR CONTROLS REQUIRED. PROVIDE BACNET INTEGRATION MODULE.

GRAVITY VENTILATORS

DESIGNATION	REFERENCE PRODUCT	LOCATION	TYPE	SERVES	VLOUME (CFM)	THROAT WIDTH (INCHES)	THROAT LENGTH (INCHES	THROAT AREA (SQ. FEET)	THROAT VELOCITY (FT / MIN)	REMARKS
GV-1	COOK 20PR	ROOF	EXHAUST	DRYERS	1,200	20"Ø	---	2.2	550.3	
GV-2	COOK 24TR	ROOF	EXHAUST	RELIEF AIR	2,500	24"Ø	---	3.1	796.2	
GV-3, GV-4	COOK 48X78GR	ROOF	ATTIC VENT	RELIEF AIR	5,000	48	78	26.0	192.3	

1. ACCEPTABLE MANUFACTURERS: ACME, COOK, AND GREENHECK.
2. PROVIDE UNITS WITH ROOF CURB. COORDINATE WITH ROOF TYPE AND PITCH.

AIR SEPARATORS

DESIGNATION	REFERENCE PRODUCT	LOCATION	SERVES	TYPE	INLET / OUTLET SIZE (INCHES)	MAXIMUM PRESSURE LOSS (FEET)	REMARKS
AS-1	AMTROL 3-AS	FIRST FLOOR MECHANICAL	HEATING WATER	TANGENTIAL WITH STRAINER	3	5.8	
AS-2	AMTROL 4-AS	FIRST FLOOR MECHANICAL	CHILLED WATER	TANGENTIAL WITH STRAINER	4	4.3	

NOTES:
1. ACCEPTABLE MANUFACTURERS: AMTROL, ARMSTRONG, BELL & GOSSETT, TACO, AND WHEATLEY.
2. PROVIDE WITH HIGH CAPACITY AIR VENT AND MANUAL BLOW DOWN VALVE.

EXHAUST FANS

MARK	REFERENCE PRODUCT	TYPE	SERVES	FAN DATA				ELECTRICAL		REMARKS
				AIR FLOW (CFM)	TOTAL STATIC PRESSURE (IN. WATER)	DRIVE	ROTATION (RPM)	SONES	VOLTS / PHASE	MOTOR SIZE (MHP)	
EF-1	COOK 135SQN	IN-LINE	DRYERS	1200	1/4	DIRECT	1,102	8.6	115 / 1	1/8	PROVIDE WITH SPEED CONTROLLER. UNIT SHALL TYPICALLY OPERATE 24/7.

NOTES:
1. ACCEPTABLE MANUFACTURERS: ACME, COOK, GREENHECK, AND TWIN CITY.
2. PROVIDE INLINE FANS WITH ISOLATION HANGER KITS, DISCONNECTS AND FLEXIBLE CONNECTIONS.

FOR INFORMATION ONLY

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NOAH D. KINDER — No. 13207 — 10/30/2025

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CIVIL ENGINEER:
CHIEF OF OPERATIONS:
BIO ENVIRONMENTAL:
FIRE CHIEF:
SAFETY:
ENVIRONMENTAL:
CONSTRUCTION MANAGER:
PROGRAM MANAGER:
USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: MECHANICAL SCHEDULES

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: M601
DATE: 30 OCT 2025	
SCALE: AS NOTED	75 of 108

FAN COIL / BLOWER COIL UNITS - FOUR PIPE (1 OF 2)

DESIGNATION	REFERENCE PRODUCT	TYPE	AIRFLOW DATA			COOLING DATA					HEATING DATA						ELECTRICAL DATA		REMARKS
			TOTAL AIRFLOW (CFM)	EXTERNAL PRESSURE (IN. WATER)	FILTER TYPE	COOLING TOT/SENS (MBH)	AIR EDB/EWB (DEG. F)	WATER EWT/LWT (DEG. F)	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT. WATER)	TOTAL CAPACITY (MBH)	HEATING COIL ROWS	AIR EDB/LDB (DEG. F)	WATER EWT/LWT (DEG. F)	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT. WATER)	VOLTS / PHASE	HP	
FCU-101	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-102	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-103	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-104	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-105	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-106	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-107	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-108	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-109	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-110	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-111	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-112	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-113	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-114	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-115	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-116	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-117	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-118	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-119	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-120	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-121	TRANE FCDB030	HORIZONTAL EXPOSED	275	0	1" THROWAWAY	9.4 / 6.8	80 / 67	42 / 54	1.5	1.6	7.9	1	65 / 91	140 / 120	0.5	1.3	115 / 1	1/8	2-WAY CONTROL VALVES
FCU-122	TRANE FCCB030	HORIZONTAL CONCEALED	275	0	1" THROWAWAY	9.4 / 6.8	80 / 67	42 / 54	1.5	1.6	7.9	1	65 / 91	140 / 120	0.5	1.3	115 / 1	1/8	2-WAY CONTROL VALVES
FCU-123	TRANE FCEB040	HORIZONTAL RECESSED	400	0.1	1" THROWAWAY	11.5 / 8.7	80 / 67	42 / 54	2	5.4	8.2	1	65 / 90	140 / 120	0.5	1.1	115 / 1	1/8	2-WAY CONTROL VALVES
FCU-201	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-202	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-203	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-204	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-205	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-206	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-207	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-208	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-209	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-210	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-211	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-212	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-213	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-214	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-215	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-216	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-217	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-218	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-219	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-220	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-221	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-222	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-223	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-224	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-225	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES
FCU-226	TRANE FCDB030	HORIZONTAL EXPOSED	275	0	1" THROWAWAY	9.4 / 6.8	80 / 67	42 / 54	1.5	1.6	7.9	1	65 / 91	140 / 120	0.5	1.3	115 / 1	1/8	2-WAY CONTROL VALVES
FCU-227	TRANE FCCB030	HORIZONTAL CONCEALED	275	0	1" THROWAWAY	9.4 / 6.8	80 / 67	42 / 54	1.5	1.6	7.9	1	65 / 91	140 / 120	0.5	1.3	115 / 1	1/8	2-WAY CONTROL VALVES
FCU-228	TRANE FCEB040	HORIZONTAL RECESSED	400	0.1	1" THROWAWAY	11.5 / 8.7	80 / 67	42 / 54	2	5.4	8.2	1	65 / 90	140 / 120	0.5	1.1	115 / 1	1/8	2-WAY CONTROL VALVES
FCU-229	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	2-WAY CONTROL VALVES

NOTES:
1. ACCEPTABLE MANUFACTURERS: TRANE.
2. HEATING COIL SHALL BE IN THE REHEAT POSITION.
3. ALL FAN COIL UNITS SHALL BE SELECTED WITH 30% GYLCOL FOR THE CHILLED WATER SYSTEMS.

ENERGY RECOVERY AIR HANDLING UNITS

DESIGNATION		ERAHU-1
MANUFACTURER / MODEL		TRANE OABD036
MAXIMUM UNIT LENGTH (INCHES)		161
MAXIMUM UNIT WIDTH (INCHES)		52
MAXIMUM UNIT HEIGHT (INCHES)		55
UNIT ARRANGEMENT	OUTSIDE AIR DUCT INTAKE	END
	OUTSIDE AIR INTAKE DAMPER	YES
	OUTSIDE AIR DUCT DISCHARGE	SIDES (2)
	EXHAUST AIR DUCT INTAKE	YES
	EXHAUST AIR INTAKE DAMPER	NO
	EXHAUST AIR DUCT DISCHARGE	SIDE
	NUMBER OF SHIPPING SECTIONS	SEE DRAWINGS
	OUTDOOR AIR FILTER	2" PLEATED
	EXHAUST AIR FILTER	2" PLEATED
	CASING CONSTRUCTION	GALVANIZED STEEL, BAKED ENAMEL
	CASING INSULATION	2" FOAM
SUPPLY FAN	SUPPLY AIR FLOW (CFM)	2,500
	EXTERNAL STATIC PRESSURE (INCHES W.C.)	0.75
	FAN RPM	2,815
	FAN BHP	2.1
	MOTOR HP	3
EXHAUST FAN	EXHAUST AIR FLOW (CFM)	2,500
	EXTERNAL STATIC PRESSURE (INCHES W.C.)	0.75
	FAN RPM	2,370
	FAN BHP	1.23
	MOTOR HP	2
ENTHALPY WHEEL (SUMMER)	OSA EDB / EWB (DEG F.)	98 / 78
	VENTILATION AIR LDB / LWB (DEG F.)	83.8 / 74.2
	EXHAUST AIR EDB / EWB (DEG.F)	75 / 63
	SENSIBLE / LATENT EFFECTIVENESS (%) (1)	61.7 / 25.3
ENTHALPY WHEEL (WINTER)	OSA EDB / EWB (DEG F.)	17 / 15
	VENTILATION AIR LDB / LWB (DEG F.)	44.6 / 35.1
	EXHAUST AIR EDB / EWB (DEG.F)	70 / 58
	SENSIBLE / LATENT EFFECTIVENESS (%) (1)	52.1 / 46.7
CHILLED WATER COIL	AIR FLOW (CFM)	2,500
	COIL FACE VELOCITY (FPM)	486
	ROWS	6
	FIN SPACING (FINS PER FOOT)	12
	ENTERING AIR TEMPERATURE (DB/WB DEG.F.)	83.8 / 74.2
	LEAVING AIR TEMPERATURE (DB/WB DEG.F.)	66.4 / 65.8
	COIL AIR PRESSURE DROP (INCHES W.G.)	0.5
	ENTERING WATER TEMPERATURE (DEG.F.)	43
	LEAVING WATER TEMPERATURE (DEG.F.)	55
	CHILLED WATER FLOW (GPM)	11
	COIL WATER PRESSURE DROP (FEET W.G.)	1.8
	TOTAL HEAT TRANSFER (MBH)	67.5
	SENSIBLE HEAT TRANSFER (MBH)	52.9
	ACCESS DOORS	SEE DRAWINGS
	SECTION ACCESSORIES	S.S. DRAIN PAN AND UV LIGHTING. PROVIDE SEPARATE 120V. SUPPLY DISCONNECT AND SIGNAGE
RE-HEAT WATER COIL	AIR FLOW (CFM)	2,500
	COIL FACE VELOCITY (FPM)	486
	ROWS	2
	FIN SPACING (FINS PER FOOT)	8
	ENTERING AIR TEMPERATURE (DEG.F.)	49.3
	LEAVING AIR TEMPERATURE (DEG.F.)	75.8
	COIL AIR PRESSURE DROP (INCHES W.G.)	0.51
	ENTERING WATER TEMPERATURE (DEG.F.)	160
	LEAVING WATER TEMPERATURE (DEG.F.)	140
	HEATING WATER FLOW (GPM)	7.2
	COIL WATER PRESSURE DROP (FEET W.G.)	3.2
	TOTAL HEAT TRANSFER (MBH)	71.6
ELECTRICAL	VOLTS / PHASE	208 / 3
	MINIMUM CIRCUIT AMPS	16.8
	MOCP	20

NOTES:
1. ACTUAL EFFECTIVENESS IS BASED ON VENTILATION AIR AND DOES ACCOUNT FOR ANY OFFSET IN AIRFLOW.
2. THREE WAY CONTROL VALVE TO BE USED FOR CHILLED WATER, 2-WAY FOR HEATING WATER.
3. COOLING SELECTION BASED ON 30% PROPYLENE.

FOR INFORMATION ONLY

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 13207 — NOAH D. KINDER — 10/30/2025

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MARK	DESCRIPTION	DATE	BY	APPD

CIVIL ENGINEER: | CIVIL ENGINEER:
CHIEF OF OPERATIONS: | BIO ENVIRONMENTAL:
FIRE CHIEF: | SAFETY:
ENVIRONMENTAL: | CONSTRUCTION MANAGER:
PROGRAM MANAGER: | USING AGENCY:

PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: MECHANICAL SCHEDULES

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: M602
DATE: 30 OCT 2025	
SCALE: AS NOTED	76 of 108

FAN COIL / BLOWER COIL UNITS - FOUR PIPE (2OF 2)

DESIGNATION	REFERENCE PRODUCT	TYPE	AIRFLOW DATA			COOLING DATA					HEATING DATA						ELECTRICAL DATA		REMARKS
			TOTAL AIRFLOW (CFM)	EXTERNAL PRESSURE (IN. WATER)	FILTER TYPE	COOLING TOT/SENS (MBH)	AIR EDB/EWB (DEG. F)	WATER EWT/LWT (DEG. F)	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT. WATER)	TOTAL CAPACITY (MBH)	HEATING COIL ROWS	AIR EDB/LDB (DEG. F)	WATER EWT/LWT (DEG. F)	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT. WATER)	VOLTS / PHASE	HP	
FCU-301	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-302	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-303	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-304	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-305	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-306	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-307	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-308	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-309	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-310	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-311	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-312	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-313	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-314	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-315	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-316	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-317	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-318	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-319	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-320	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-321	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-322	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-323	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-324	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-325	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES
FCU-326	TRANE FCDB030	HORIZONTAL EXPOSED	275	0	1" THROWAWAY	9.4 / 6.8	80 / 67	42 / 54	1.5	1.6	7.9	1	65 / 91	140 / 120	0.5	1.3	115 / 1	1/8	3-WAY CONTROL VALVES
FCU-327	TRANE FCCB030	HORIZONTAL CONCEALED	275	0	1" THROWAWAY	9.4 / 6.8	80 / 67	42 / 54	1.5	1.6	7.9	1	65 / 91	140 / 120	0.5	1.3	115 / 1	1/8	3-WAY CONTROL VALVES
FCU-328	TRANE FCEB040	HORIZONTAL RECESSED	400	0.1	1" THROWAWAY	11.5 / 8.7	80 / 67	42 / 54	2	5.4	8.2	1	65 / 90	140 / 120	0.5	1.1	115 / 1	1/8	3-WAY CONTROL VALVES
FCU-329	TRANE FCCB040	HORIZONTAL CONCEALED	300	0.5	1" THROWAWAY	12.8 / 8.6	80 / 67	42 / 54	2.1	9.1	9.2	1	65 / 92	140 / 120	1	1.2	208 / 1	1/8	3-WAY CONTROL VALVES

NOTES:
1. ACCEPTABLE MANUFACTURERS: TRANE
2. HEATING COIL SHALL BE IN THE REHEAT POSITION.
3. ALL FAN COIL UNITS SHALL BE SELECTED WITH 30% GYLCOL FOR THE CHILLED WATER SYSTEMS.

AIR DEVICES

MARK	REFERENCE PRODUCT	USE	MAXIMUM AIRFLOW (CFM)	TYPE	STYLE	NECK SIZE (INCHES)	FACE SIZE (INCHES)	MAXIMUM APD (INCHES W.C.)	MAXIMUM N.C. RATING	MATERIAL	FINISH	PROVIDE OBD	REMARKS
A	PRICE 520	SUPPLY	300	SIDEWALL	BLADE	12 / 6	14 x 8	0.13	25	STEEL	WHITE	YES	45° DOUBLE DEFLECTION
B	PRICE SCD	SUPPLY	100	CEILING	LOUVERED	6" Ø	12 x 12	0.03	25	STEEL	WHITE	YES	
C	PRICE 520	SUPPLY	400	SIDEWALL	BLADE	SEE REMARKS	SEE REMARKS	0.10					SIZE OF GRILLE TO EQUAL FAN COIL DUCT SIZE.
1	PRICE 91	RETURN / EXHAUST	300	SIDEWALL	BAR	14 / 6	16 x 8	-0.06	25	STEEL	WHITE	NO	3/8" SPACING WITH 45° DEFLECTION
2	PRICE 80	RETURN / EXHAUST	40	WALL	EGGCRATE	6 x 5	8 x 6	-0.04	20	ALUMINUM	WHITE	NO	
3	PRICE 91	RETURN / EXHAUST	325	SIDEWALL	BAR	16 / 6	18 x 8	-0.06	25	STEEL	WHITE	NO	3/8" SPACING WITH 45° DEFLECTION

NOTES:
1. ACCEPTABLE MANUFACTURERS: KRUEGER, METALAIRE, PRICE, TITUS, AND TUTTLE & BAILEY.
2. ALL CEILING DIFFUSERS SHALL BE 4-WAY THROW UNLESS OTHERWISE INDICATED ON PLANS.
3. COORDINATE WITH ARCHITECTURAL ROOM FINISH SCHEDULES FOR DEVICE FRAMING REQUIREMENTS.
4. PROVIDE OPPOSED BLADE DAMPERS AT ALL BRANCH TAKE-OFFS EVEN IF OBD'S ARE INDICATED FOR AIR DEVICES.
5. PROVIDE SQUARE TO ROUND TRANSITIONS AS REQUIRED FOR CONNECTION TO GRILLES.

FOR CONSTRUCTION ONLY

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STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NOAH D. KINDER — NO. 13207 — 10/30/2025

AIR MOBILITY COMMAND

Little Rock A.F.B
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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
MECHANICAL SCHEDULES

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: M603
DATE: 30 OCT 2025	
SCALE: AS NOTED	

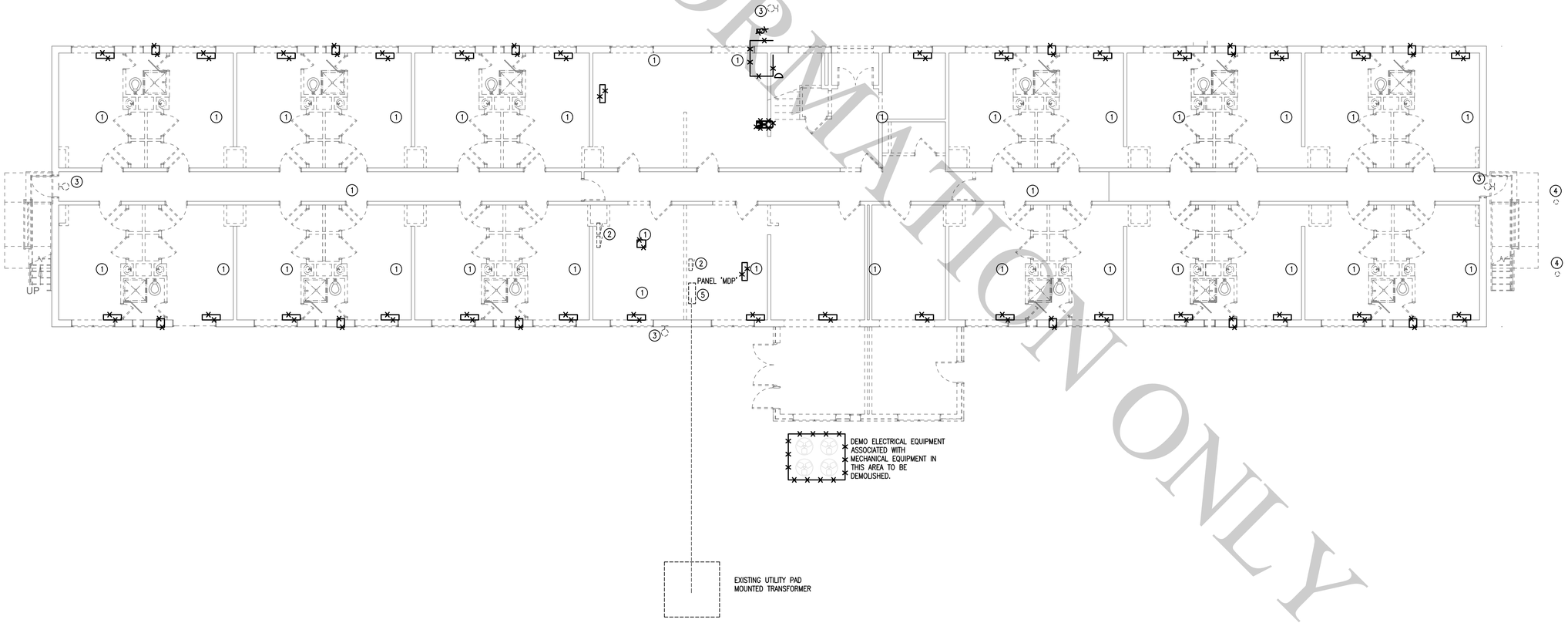
FOR INFORMATION ONLY

DEMOLITION KEYED NOTES:

1. REMOVE ALL EXISTING LIGHT FIXTURES, ELECTRICAL WIRING DEVICES AND ALL SYSTEMS DEVICES/OUTLETS IN THIS ROOM. MECHANICAL EQUIPMENT REMOVED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO REMOVE ASSOCIATED ELECTRICAL EQUIPMENT. REMOVE THE WIRE BACK TO THE SERVING PANEL.
2. DEMO EXISTING PANELBOARDS. REMOVE FEEDER BACK TO MDP. CONDUIT IN BLOCK WALLS AND SLAB FLOOR TO REMAIN.
3. DEMO EXISTING LIGHT FIXTURE. REMOVE THE WIRE BACK TO SERVING PANEL. CONDUIT IN BLOCK WALLS AND SLAB FLOOR TO REMAIN.
4. DEMO EXISTING BOLLARD WITH LIGHT. REMOVE THE WIRE BACK TO SERVING PANEL. CONDUIT IN BLOCK WALLS AND SLAB FLOOR TO REMAIN.
5. DEMO MDP AND ELECTRICAL SERVICE WIRE AND CONDUIT BACK TO UTILITY TRANSFORMER PAD.

GENERAL ELECTRICAL DEMOLITION NOTES

1. THE ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO BID.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION IN AREA OF RENOVATION. ALL WIRING DEVICES, LIGHT FIXTURES, AND WIRE THAT IS TO BE REMOVED SHALL BE STORED AS DIRECTED BY LRAFB.
3. REMOVE ALL ABANDONED WIRING IN THE BUILDING, EXCEPT WIRING FOR OUTLETS IN THE CORRIDORS.
4. REMOVE ALL ABANDONED CONDUIT THAT IS ACCESSIBLE. CONDUIT LOCATED IN EXISTING TO REMAIN BLOCK WALLS OR CONCRETE FLOOR SLABS CAN REMAIN AND BE REUSED.
5. APPROPRIATE MEASURES SHALL BE TAKEN TO ASSURE CONTINUITY OF EXISTING CIRCUITS WHERE REQUIRED, AND ALL OUTAGES WHICH MAY RESULT SHALL BE COORDINATED WITH LRAFB CE CONSTRUCTION MANAGER (OWNER) PRIOR TO PERFORMING THE WORK.
6. DASHED ITEMS ARE EXISTING AND SHALL REMAIN UNLESS NOTED OTHERWISE.
7. ELECTRICAL CONDUIT AND BOXES, EXCEPT FLEX CONDUIT/CONDUCTOR, RECESSED IN EXISTING TO REMAIN WALLS SHALL REMAIN AND CAN BE REUSED.
8. FIRE ALARM DEMO DRAWINGS SHALL BE BY OTHERS (FIRE PROTECTION ENGINEER).
9. EXISTING EXTERIOR LIGHTS LOCATED NEAR BUILDING IN THE PAVILION AREA SHALL REMAIN AND ANY WIRING AND CONDUIT FROM COVERED PAVILION INTO THE BUILDING SHALL REMAIN AND BE RECONNECTED TO NEW PANELBOARD.



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

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

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PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

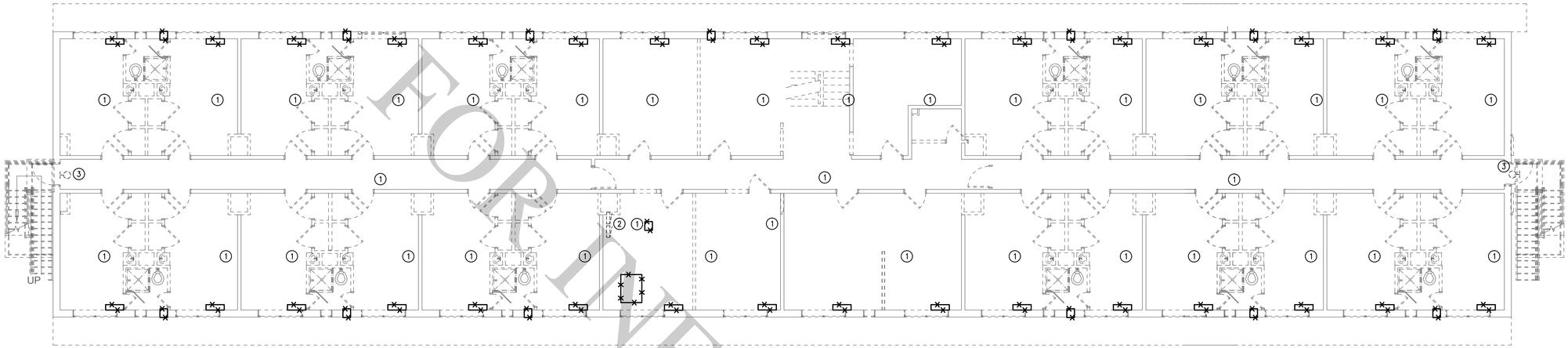
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
ELECTRICAL DEMOLITION PLAN

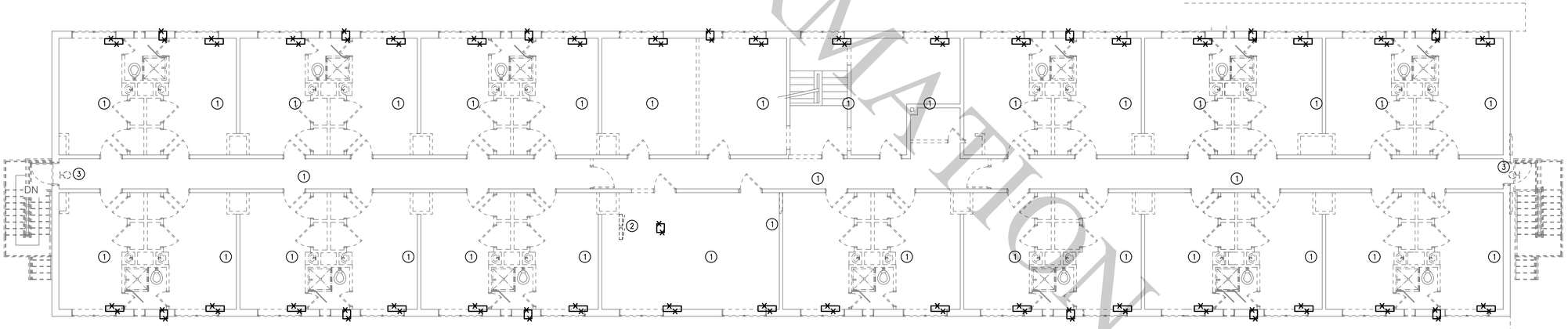
DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: E101
DATE: 30 OCT 2025	
SCALE: AS NOTED	78 of 108

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — ERIC TABYTER — 10/30/2025



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



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

FOR INFORMATION ONLY

DEMOLITION KEYED NOTES:

1. REMOVE ALL EXISTING LIGHT FIXTURES, ELECTRICAL WIRING DEVICES AND ALL SYSTEMS DEVICES/OUTLETS IN THIS ROOM. MECHANICAL EQUIPMENT REMOVED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO REMOVE ASSOCIATED ELECTRICAL EQUIPMENT. REMOVE THE WIRE BACK THE SERVING PANEL.
2. DEMO EXISTING PANELBOARDS. REMOVE FEEDER BACK TO MDP. CONDUIT IN BLOCK WALLS AND SLAB FLOOR TO REMAIN.
3. DEMO EXISTING LIGHT FIXTURE. REMOVE THE WIRE BACK TO SERVING PANEL. CONDUIT IN BLOCK WALLS AND SLAB FLOOR TO REMAIN.

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 19029 — ERIC T. TARVER — 10/30/2025

Little Rock A.F.B
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LITTLE ROCK, AR 72205 FX: (501) 244-0241

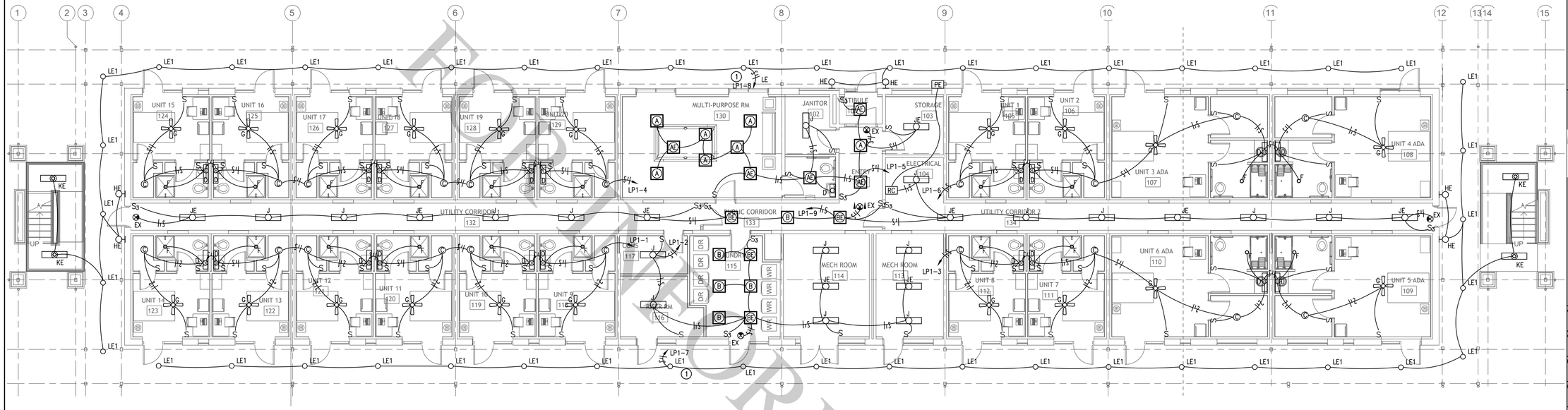
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: ELECTRICAL DEMOLITION PLAN

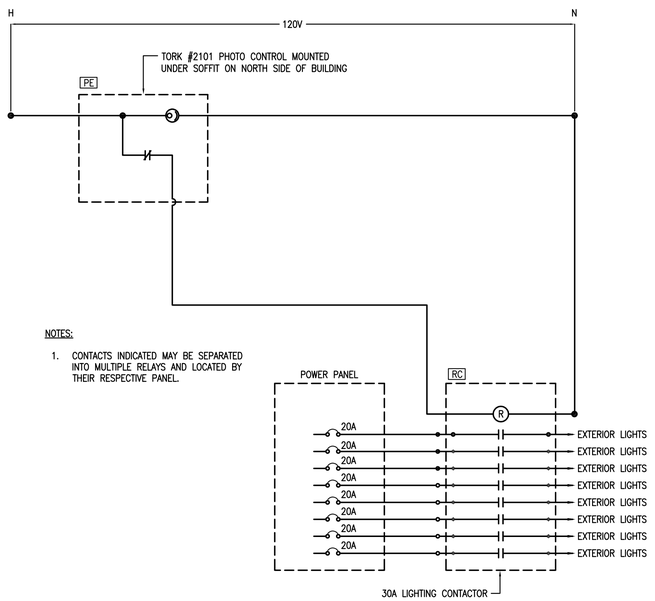
DRAWN BY	LEAD DESIGNER
EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	E102
DATE	
30 OCT 2025	79 of 108
SCALE	
AS NOTED	



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

KEYED NOTES:

1. CIRCUIT SHALL BE CONNECTED TO AN EMERGENCY BATTERY INVERTER TO PROVIDE EGRESS LIGHTING. LIGHTING SHALL ALSO BE TIME CLOCK AND PHOTO CELL CONTROLLED.



2 PHOTO CELL LIGHTING CONTROL DIAGRAM
SCALE: NONE

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	VOLTAGE	SOURCE	INPUT POWER (W)	CRI	CCT	MOUNTING	REMARKS	NOTES
A	LITHONIA	2BLT2 33L ADSM EZ1 LP935	UNV	LED	26.67	80	3500K	RECESSED	2X2 DECORATIVE, LENS	1
AE	LITHONIA	2BLT2 33L ADSM EZ1 LP935 EL7L	UNV	LED	26.67	80	3500K	RECESSED	2X2 DECORATIVE, LENS, BATTERY	1
B	LITHONIA	2BLT2 33L ADSM EZ1 LP935	UNV	LED	26.67	80	3500K	RECESSED	2X2 DECORATIVE, LENS	1
BE	LITHONIA	2BLT2 33L ADSM EZ1 LP935 EL7L	UNV	LED	26.67	80	3500K	RECESSED	2X2 DECORATIVE, LENS, BATTERY	1
C	JUNO	JSF 11IN SWW5 90CRI MVOLT WH	UNV	LED	14.3	80	3500K	SURFACE	11" DECORATIVE ROUND, LENS	1
D	LEGION	WV1006W 3 1 LL3 30 UNV NI	UNV	LED	45	80	3000K	WALL	3 FOOT LINEAR VANITY, LENS, DAMP LOCATION	1,2
F	JUNO	JPDZ6 SQDC ALO10 SWW5D 90CRI JPDZRMJBX 120FRPC WWH	UNV	LED	15.2	80	3500K	RECESSED	6" DOWNLIGHT, LENS, SHOWER, DAMP LOCATION	1,2
G	WIND RIVER	WR2028N	120V	LED	17	80	3500K	SURFACE	52" CEILING FAN, LOW PROFILE, INTEGRAL LED LIGHT KIT W/FAN CONTROL/DIMMER	1
HE	EUREKA	3418 LED.HO 35 120V DP EMB BLKE FRO 3981EA	UNV	LED	23.9	80	3500K	WALL	SCONCE, LENS, EXTERIOR	1,3
J	LITHONIA	BLWP4 30L ADSM GZ10 LP840 NES7ADCX DIM10	UNV	LED	25	80	3500K	SURFACE	4 FOOT STRIP, LENS	1
JE	LITHONIA	BLWP4 30L ADSM GZ10 LP840 NES7ADCX DIM10 E10WLCP	UNV	LED	25	80	3500K	SURFACE	4 FOOT STRIP, LENS	1
KE	LUMINAIRE LED	VPF4 4FT MIN1 40W 40K MVOLT OP (FINISH) WL EMB310T20	UNV	LED	40	80	4000K	RECESSED	LINEAR DOWNLIGHT, LENS, EXTERIOR	1,3
LE	GOTHAM	IVO6 D 20LM 40K 80CRI WD MIN1 MVOLT ZT WL P (TRIM) LD F	UNV	LED	20.5	80	4000K	RECESSED	DOWNLIGHT, LENS, EXTERIOR	1,3
LE1	GOTHAM	IVO6CYL SC D 20LM 40K 80CRI WD MIN1 MVOLT ZTL7 JBXCC WL P (TRIM) LD (CYLINDER)	UNV	LED	20.5	80	4000K	SURFACE	ENCLOSED DOWNLIGHT (CYLINDER), LENS, EXTERIOR	1,3
EX	LITHONIA	LQM S W RG MVOLT M6	UNV	LED	2.5	---	---	UNIVERSAL	EXIT, RED LED, BATTERY	1

NOTES: 1. FIXTURE COLOR TO BE SELECTED FROM MANUFACTURERS STANDARD COLOR SELECTION DURING SUBMITTAL REVIEW.
2. FIXTURE SHALL BE MANUFACTIRED WITH NON-RUSTING HOUSING MATERIALS
3. FIXTURE SHALL BE CONNECTED TO CENTRAL BATTERY INVERTER ON EACH FLOOR IN LIEU OF INTERNAL BATTERY.

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

FOR INFORMATIONAL PURPOSES ONLY

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — ERIC V. TARTER — 10/30/2025

Little Rock A.F.B
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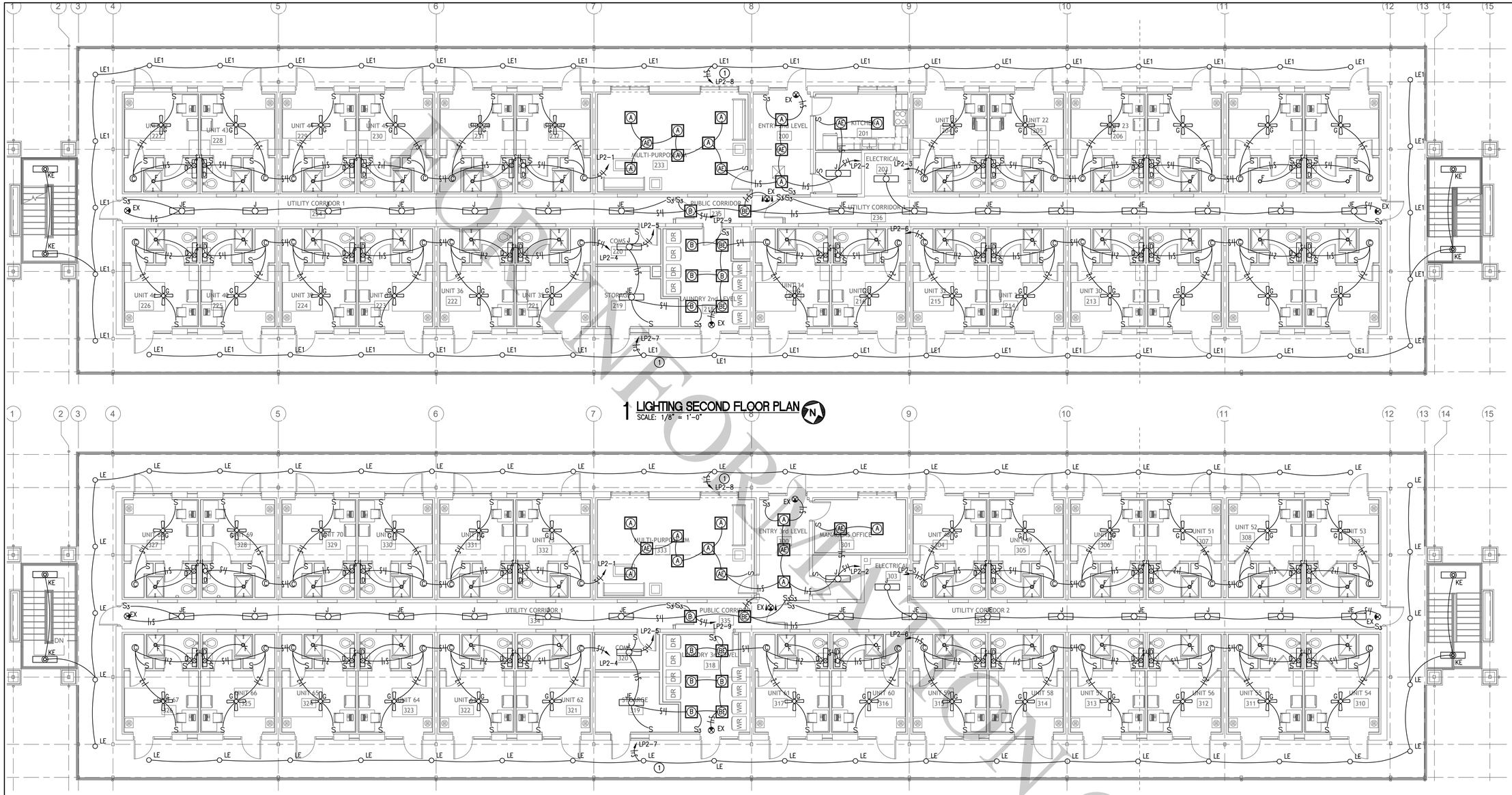
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
LIGHTING PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: E201
DATE: 30 OCT 2025	
SCALE: AS NOTED	80 of 108



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

2 LIGHTING THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

FOR REVIEW ONLY

KEYED NOTES:

1. CIRCUIT SHALL BE CONNECTED TO AN EMERGENCY BATTERY INVERTER TO PROVIDE EGRESS LIGHTING. LIGHTING SHALL ALSO BE TIME CLOCK AND PHOTO CELL CONTROLLED.

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — ERIC N. TARVER — 10/30/2025

AIR MOBILITY COMMAND

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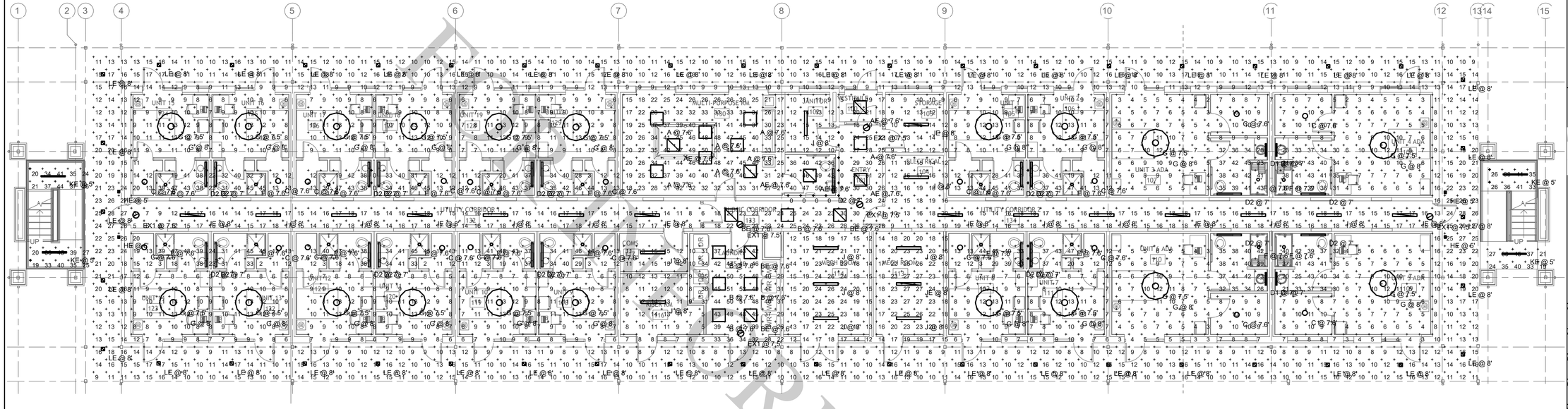
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
LIGHTING PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: E202
DATE: 30 OCT 2025	
SCALE: AS NOTED	81 of 108



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

PERMIT SUBMITTAL
CONSTRUCTION DOCUMENTATION ONLY

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

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LITTLE ROCK, AR 72205 FX: (501) 244-0241

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

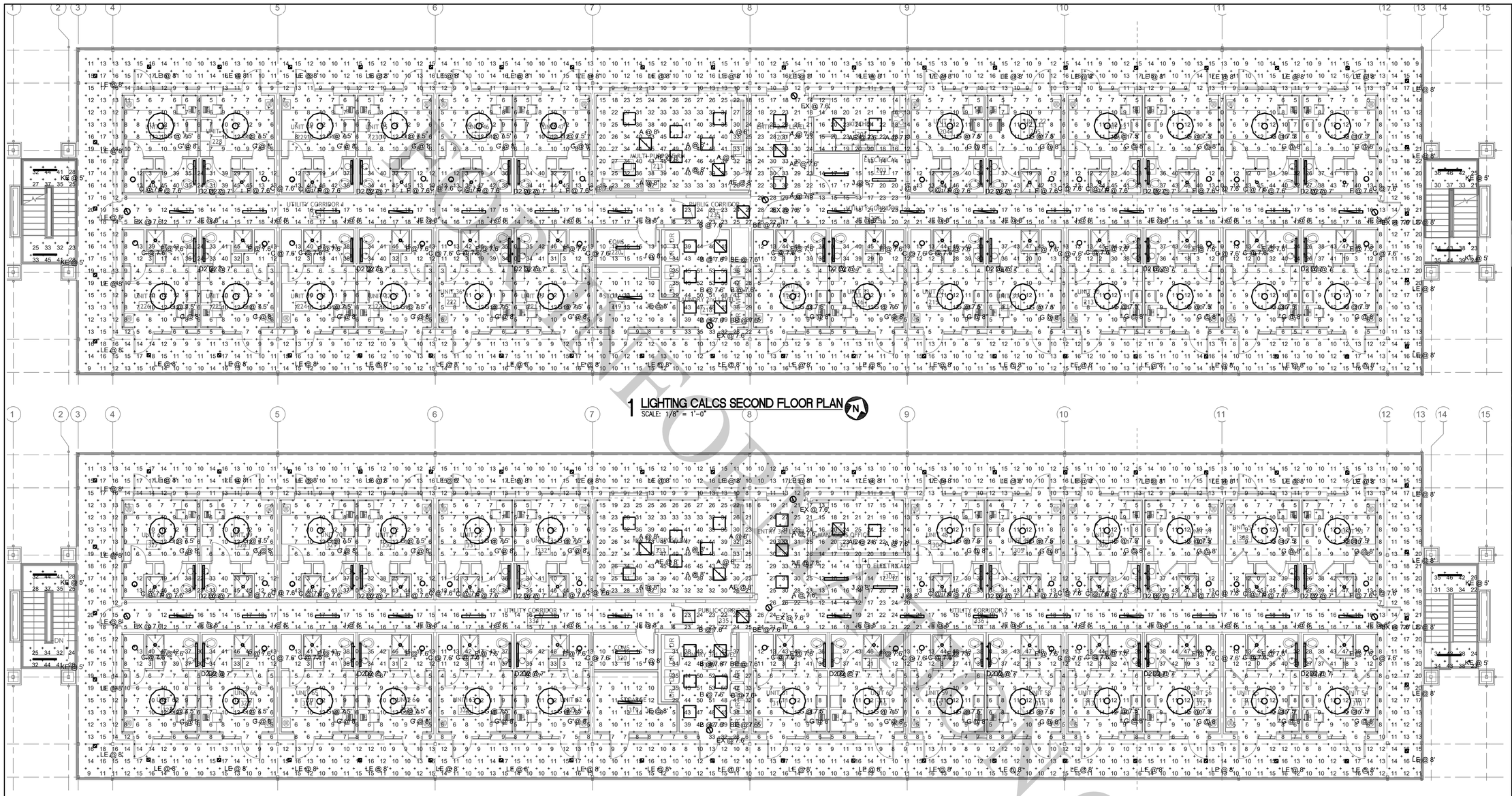
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
LIGHTING CALCS PLAN

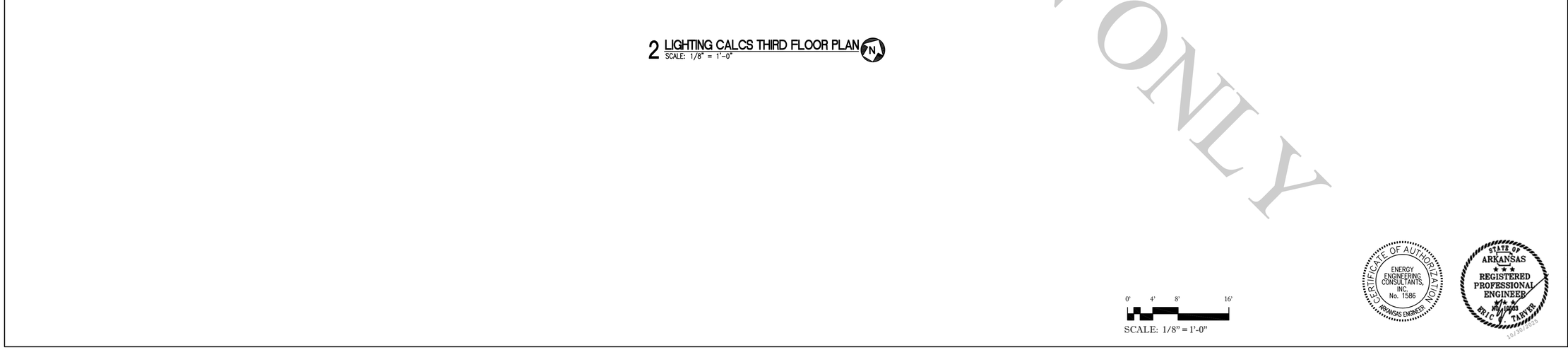
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EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	E301
DATE	
30 OCT 2025	82 of 108
SCALE	
AS NOTED	

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — ERIC C. TARTER — 10/30/2025



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



2 LIGHTING CALCS THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

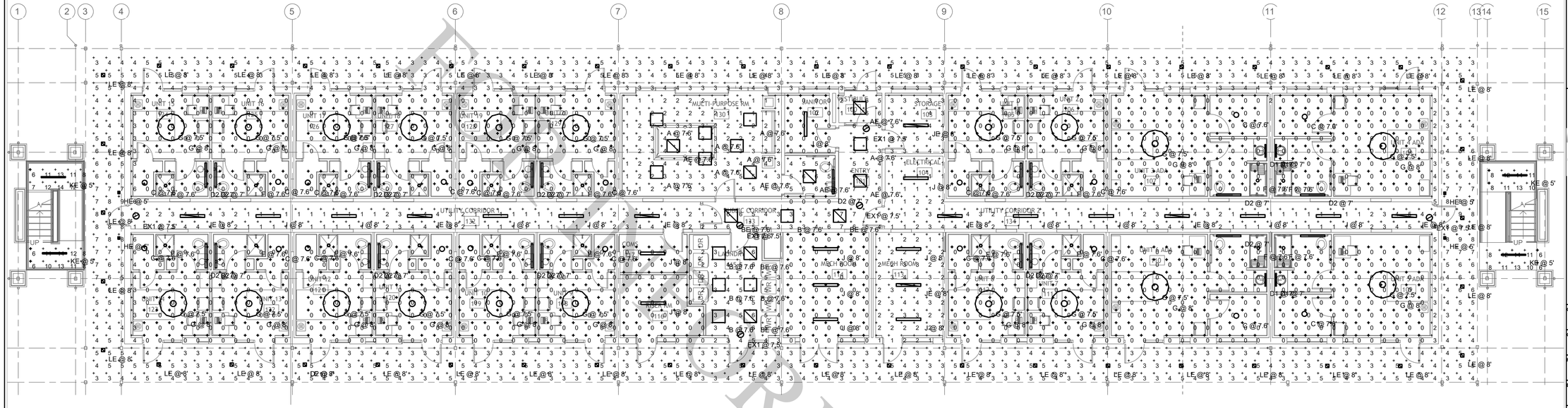
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
LIGHTING CALCS PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: E302
DATE: 30 OCT 2025	
SCALE: AS NOTED	83 of 108

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — ERIC T. TARVER — 10/30/2025



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

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

PRELIMINARY
NOT FOR CONSTRUCTION
DOCUMENTATION ONLY

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

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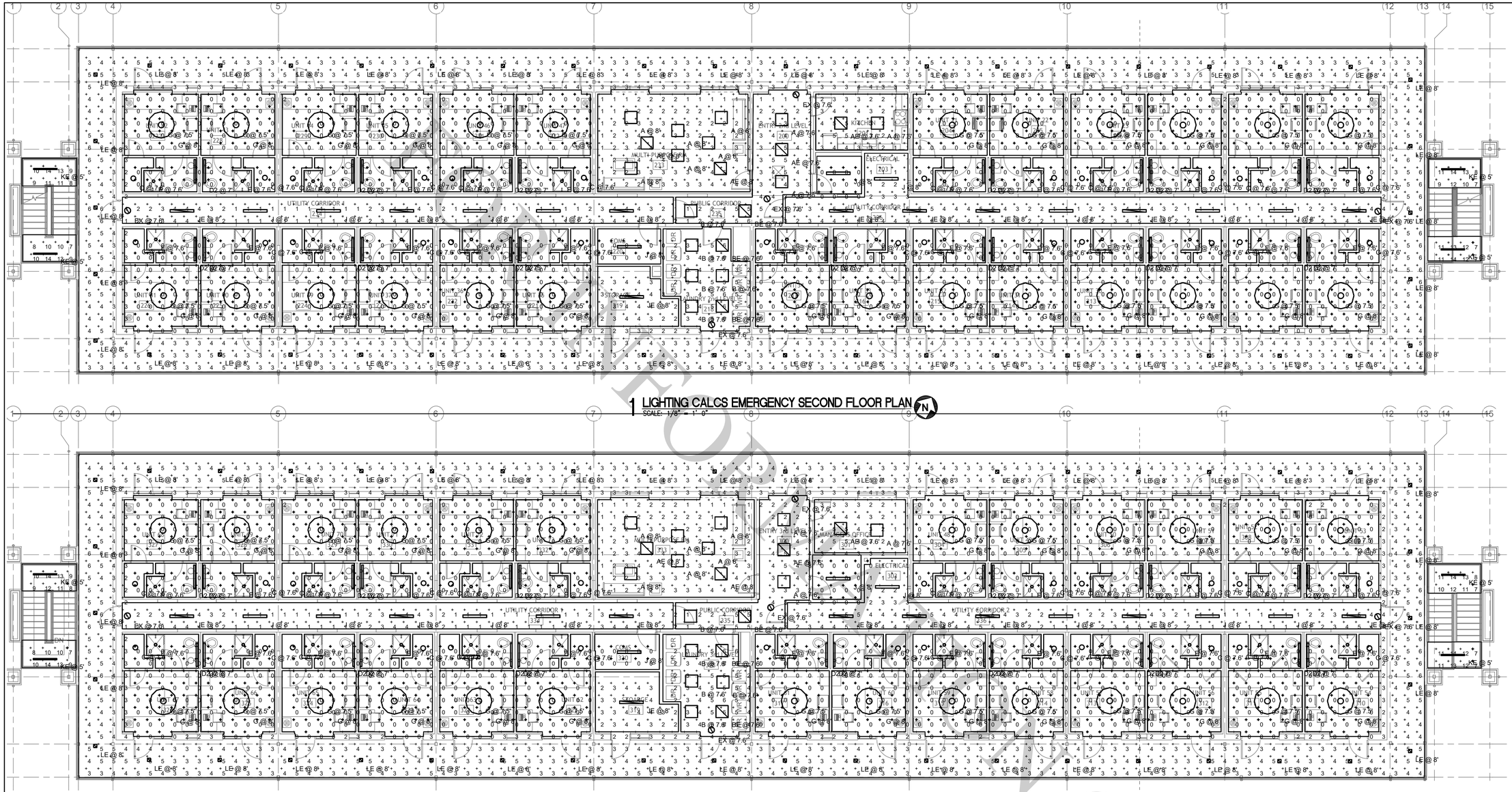
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
LIGHTING CALCS
EMERGENCY PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: E303
DATE: 30 OCT 2025	
SCALE: AS NOTED	84 of 108

CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
ERIC TARTER
10/30/2025



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

2 LIGHTING CALCS EMERGENCY THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

0' 4' 8' 16'

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

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

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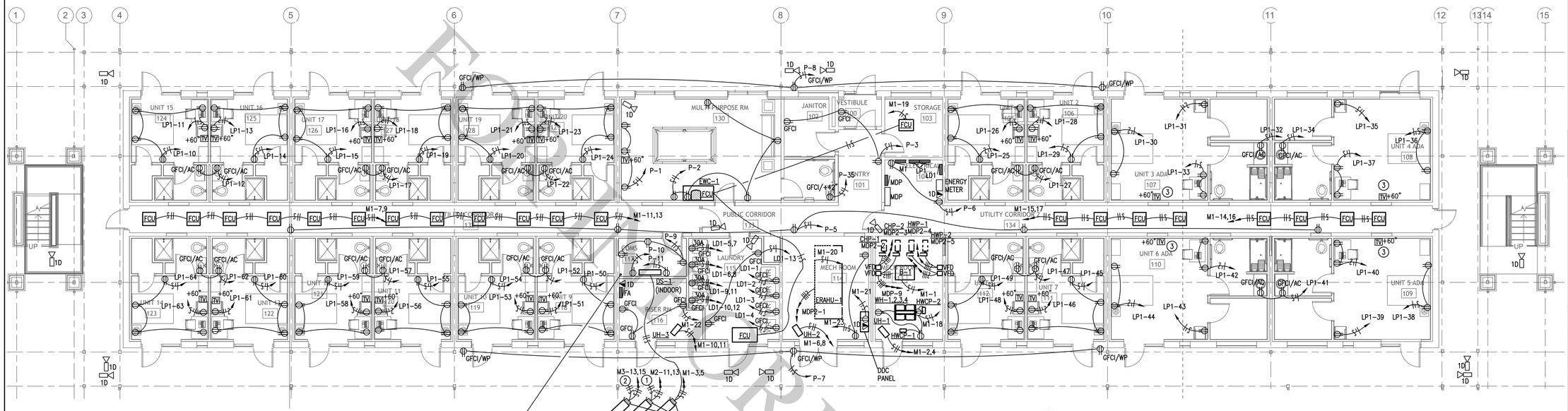
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
LIGHTING CALCS
EMERGENCY PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: E304
DATE: 30 OCT 2025	
SCALE: AS NOTED	85 of 108

CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
ERIC TARVER
10/30/2025



KEYED NOTES:

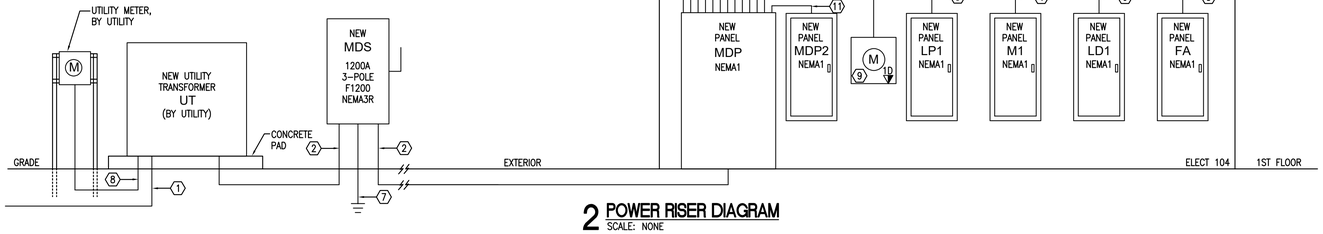
1. TO DS-2 (INDOOR) IN COM 222.
2. TO DS-3 (INDOOR) IN COM 322.
3. COORDINATE INSTALLATION WITH ANY FIRE ALARM DEVICES.

1 POWER AND SYSTEMS FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

ALL CAMERAS LOCATIONS INDICATED ARE ROUGH IN ONLY. CAMERA CABLING AND SYSTEM BY OTHERS.

POWER RISER KEYED NOTES:

1. 2-4" CONDUITS FROM UTILITY TRANSFORMER TO UTILITY SERVICE CONNECTION BY UTILITY. SEE ELECTRICAL SITE PLAN.
2. 4 SETS, OF 4-350 KCMIL CU & #3/0 AWG GND IN 2-1/2" CONDUIT.
3. 4-#3/0 AWG CU & #6 AWG GND IN 2" CONDUIT.
4. 4-#1 AWG CU & #6 AWG GND IN 1-1/2" CONDUIT.
5. 4-#8 AWG CU & #10 GND IN 1" CONDUIT.
6. 4-#3 AWG CU & #8 AWG GND IN 1-1/4" CONDUIT.
7. #3/0 AWG CU GND.
8. 1" CONDUIT.
9. LRAFB ENERGY METER. COINE COMPLIANT.
10. 4-#1/0 AWG CU & #6 AWG GND IN 2" CONDUIT.
11. 4-#4/0 AWG CU & #4 AWG GND IN 2-1/2" CONDUIT.



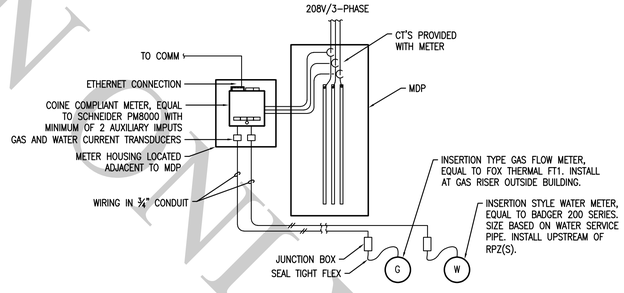
2 POWER RISER DIAGRAM
SCALE: NONE

ENERGY METERING SYSTEM:

A COINE COMPLIANT METER SHALL BE INSTALLED WITH ASSOCIATED CT'S, GAS FLOW METER, WATER METER, WITH TRANSDUCERS. SYSTEM SHALL BE CAPABLE OF MONITORING ALL POINTS BELOW.

METER SHALL BE CONNECT TO COMM UNDER THIS CONTRACT. ALL FRONT END FINAL PROGRAMMING AND END USE DATA LOGGING SHALL BE BY LRAFB.

ELECTRICAL: DEMAND AND CONSUMPTION
GAS: CONSUMPTION
WATER: CONSUMPTION.



3 ENERGY METERING CONTROL DIAGRAM
SCALE: NONE

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — ERIC TARVER — No. 19995 — 10/30/2025

FOR INFORMATION ONLY

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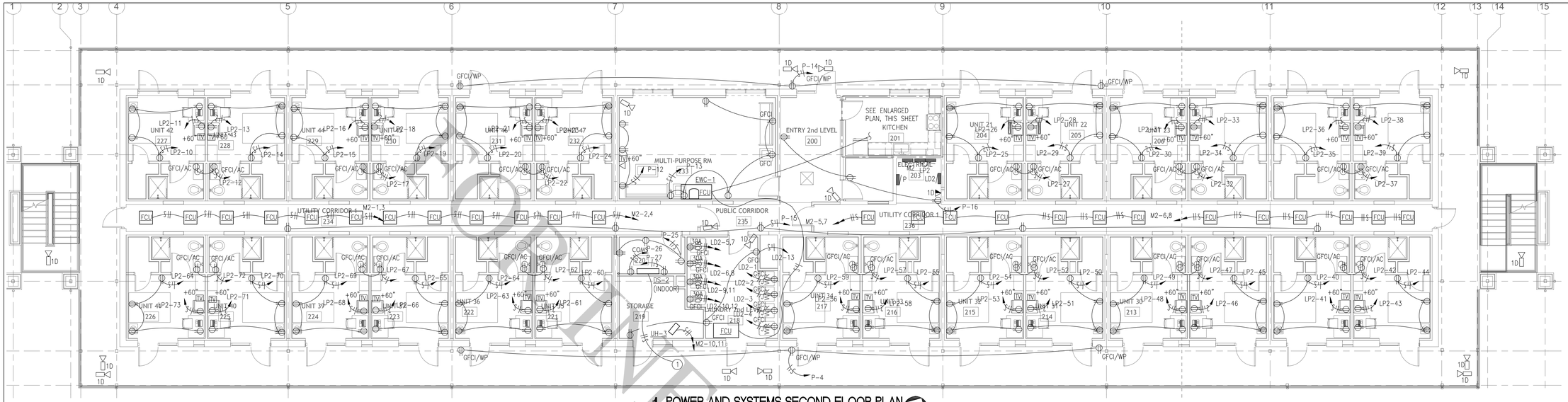
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: POWER AND SYSTEMS PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: E401
DATE: 30 OCT 2025	
SCALE: AS NOTED	86 of 108



ALL CAMERAS LOCATIONS INDICATED ARE ROUGH IN ONLY. CAMERA CABLING AND SYSTEM BY OTHERS.

KEYED NOTES:

1. TO DS-2 (OUTDOOR).
2. TO DS-3 (OUTDOOR).

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

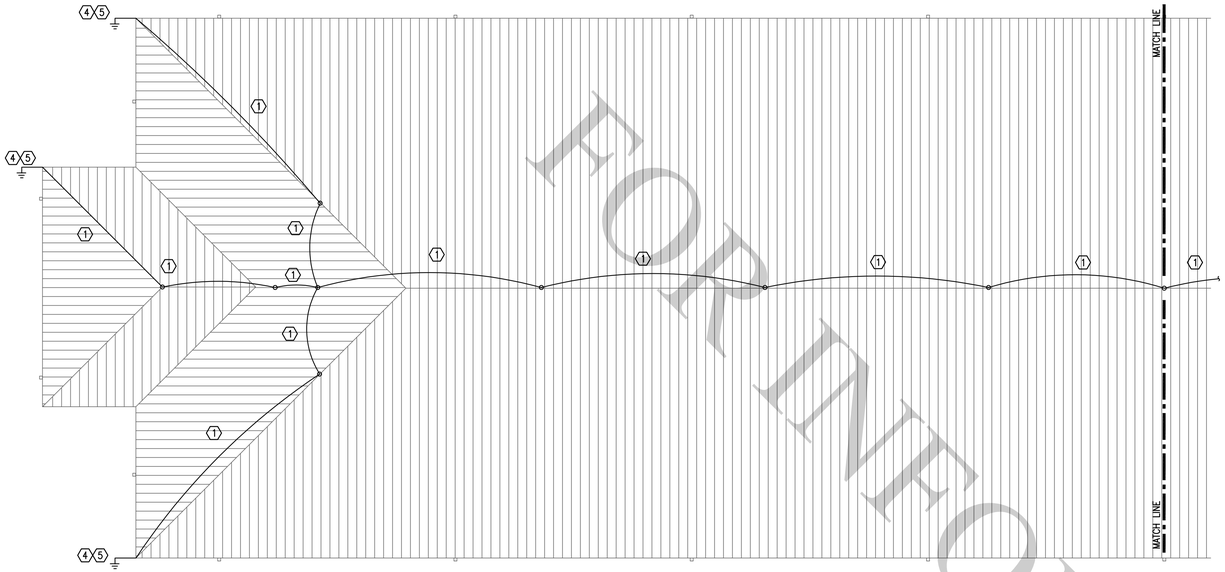
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

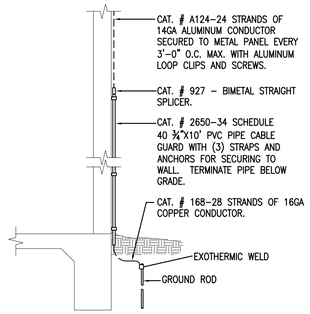
SHEET TITLE
POWER AND SYSTEMS PLAN

DRAWN BY	LEAD DESIGNER
EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	E402
DATE	
30 OCT 2025	
SCALE	87 of 108
AS NOTED	

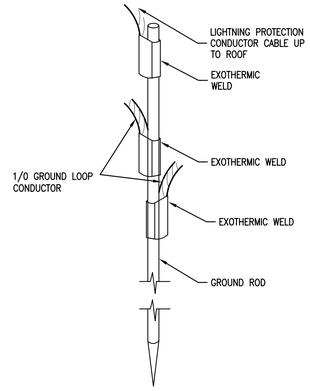
CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
ERIC T. TARTER
10/30/2025



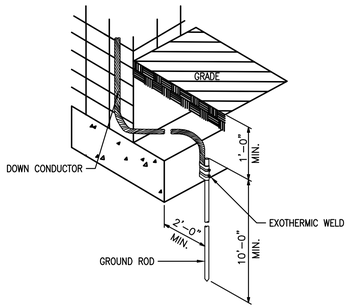


2 DOWNLEAD DETAIL
SCALE: NONE

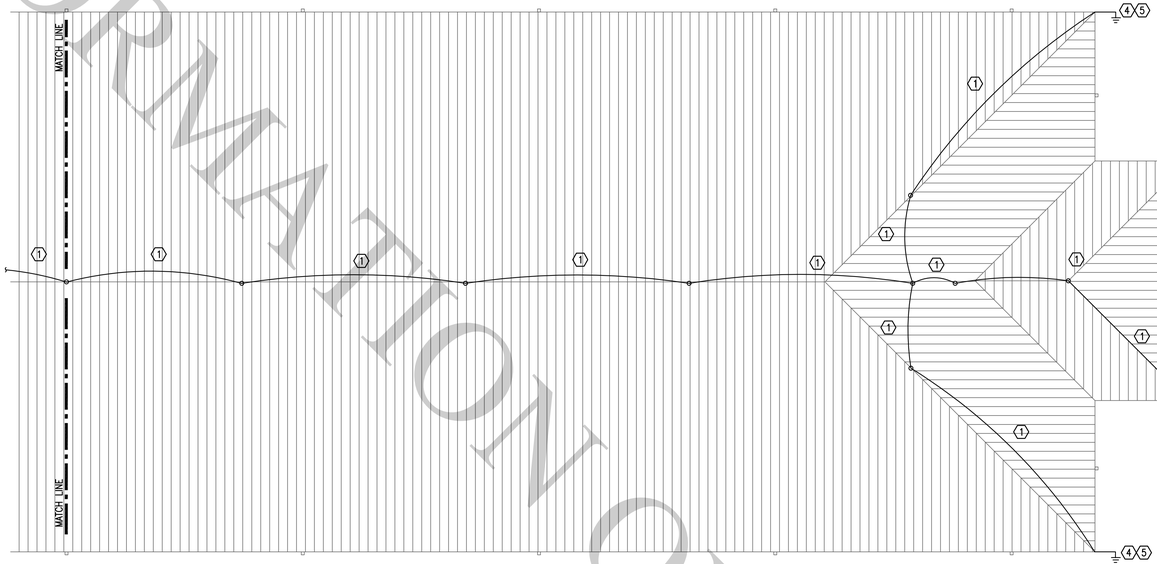


3 GROUND ROD DETAIL
SCALE: NONE

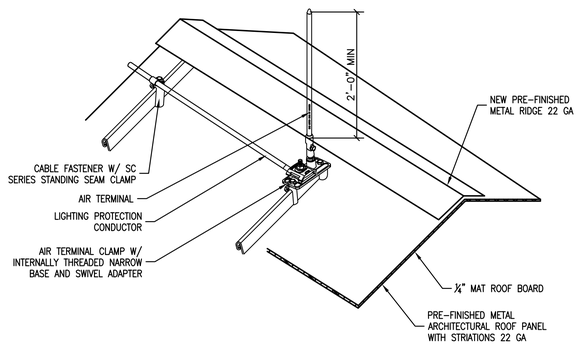
ALL EXOTHERMIC WELDS MUST BE WITNESSED BY A CE ELECTRICAL ENGINEER PRIOR TO COVERING OR HAND EXCAVATION WILL BE REQUIRED FOR INSPECTION.



4 GROUND ROD DETAIL
SCALE: NONE



1 ELECTRICAL ROOF PLAN
SCALE: 1/8" = 1'-0"



5 AIR TERMINAL DETAIL
SCALE: NONE

CABLE SCHEDULE	
1	MAIN CONDUCTOR CABLE, 57,400 CIRCULAR MILS, ALUMINUM, EQUIVALENT TO #2 AWG ALUMINUM MINIMUM.
2	BONDING CONDUCTOR, 26,240 CIRCULAR MILS, ALUMINUM, EQUIVALENT TO #6 AWG ALUMINUM MINIMUM. USE TO BOND METAL BODIES FOR POTENTIAL EQUALIZATION, ONLY AS REQUIRED.
4	NEW GROUND ROD.
5	NEW DOWN CONDUCTOR.

LEGEND	
	LIGHTNING PROTECTION ELECTRODE
	LIGHTNING PROTECTION CONDUCTOR
	LIGHTNING PROTECTION GROUND ELECTRODE, PROVIDE WITH EXOTHERMIC WELDS. ALL WELDS TO REMAIN UNCOVERED UNTIL INSPECTION BY 19CES.
	EXOTHERMIC WELD UNDERGROUND.

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — ERIC TAPPER — 13135 — 10/30/2025

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
ELECTRICAL ROOF PLAN

DRAWN BY	LEAD DESIGNER
EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	E501
DATE	
30 OCT 2025	
SCALE	
AS NOTED	88 of 108

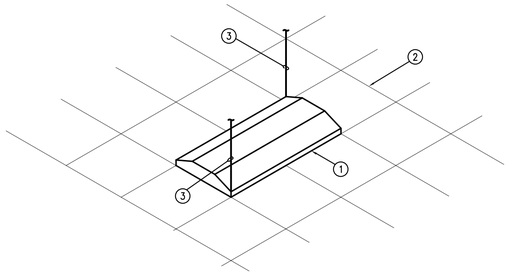
SYMBOLS SCHEDULE

SYMBOL	DESCRIPTION
	BRANCH CIRCUIT IN CONDUIT – (LEFT TO RIGHT) SWITCH LEG, PHASE LEG, NEUTRAL, ISOLATED GROUND, AND EQUIPMENT GROUND.
5	ARROWHEAD INDICATES BRANCH CIRCUIT HOMERUN – PNL AND CKT NO. SHOWN COMMAS IN "1,3,5" INDICATES 1, 3 AND 5 ARE INDIVIDUAL 1–PHASE CIRCUITS.
	INDICATES CONDUIT CONCEALED IN OR BELOW FLOOR SLAB OR BFG.
	CONDUIT UP (FULL CIRCLE).
	CONDUIT DOWN (PARTIAL CIRCLE).
E	CONDUIT SLEEVE THRU WALL. CONDUIT BUSHING FOR EXITING CABLES.
	CONDUIT OR CIRCUIT CONTINUATION.
A, B	LIGHT FIXTURE. UPPER CASE LETTER(S) INDICATE FIXTURE TYPE–SEE FIXTURE SCHEDULE. LOWER CASE LETTER (IF PRESENT) INDICATES SWITCHING SCHEME. REFER TO SWITCH WITH SAME LOWER CASE LETTER.
EM	EMERGENCY LIGHT FIXTURE. EMERGENCY DESIGNATION IS INDICATED BY DIAGONAL SHADING OR MAY BE INDICATED BY "EM" ADJACENT TO FIXTURE. CONNECTED TO EMERGENCY POWER SYSTEMS.
	STRIP LIGHT – CEILING MOUNTED OR CHAIN HUNG
	STRIP LIGHT – WALL MOUNTED
	LIGHT FIXTURE – WALL MOUNTED
	DOWNLIGHT FIXTURES – CEILING MTD
	LIGHT FIXTURE – WALL MOUNTED
	EXIT LIGHTS – WALL MT. & CEILING MT. SHOWN – ARROW INDICATES FACE(S), DIRECTIONAL ARROWS SHALL BE AS SHOWN ON PLANS
J	JUNCTION BOX
D	DISCONNECT SWITCH
	SURFACE MOUNTED PANELBOARD SHOWN ADJACENT TO ARCHITECTURAL WALL
S	SINGLE–POLE LIGHT SWITCH, ROCKER AND TOGGLE
S_3	THREE–WAY LIGHT SWITCH, ROCKER AND TOGGLE
S_4	FOUR–WAY LIGHT SWITCH, ROCKER AND TOGGLE
S_D	DIMMER CONTROL SWITCH OR STATION
S_M	30A MANUAL MOTOR STARTER WITH OVERLOADS, TOGGLE OPERATED
	DUPLEX RECEPTACLE
	QUADRAPLEX RECEPTACLE (4–PLEX).
GFI WP, TP AC	SPECIAL DUPLEX RECEPTACLE GROUND FAULT INTERRUPTING, SURGE PROTECTION, WEATHERPROOF, TAMPER PROOF AND ABOVE COUNTER TYPES INDICATED.
	SPECIAL PURPOSE RECEPTACLE
▽ ▼ ▽	COMPUTER DATA OUTLET, PHONE OUTLET, COMBINATION DATA, TELEPHONE OUTLET NUMBER INDICATES QUANTITY OF JACKS
	CAMERA LOCATION. COORDINATE DATA JACK OR MOD PLUG WITH CAMERA TO BE INSTALLED. WP WHEN INSTALLED EXTERIOR.
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
EC	ELECTRICAL CONTRACTOR
ETR	EXISTING TO REMAIN
GFI	GROUND FAULT INTERRUPTING
GRD	GROUND
MTD	MOUNTED
NFDS	NON–FUSED DISCONNECT SWITCH
WP	WEATHERPROOF
OS	OCCUPANCY SENSOR, CEILING
S_O	OCCUPANCY SENSOR, WALL
PE	EXTERIOR LIGHTING PHOTO CELL
TV	TV OUTLET BOX. FLUSH. ONE DUPLEX RECEPTACLE. ONE RG–6 COAXIAL F–TYPE CONNECTOR.

SYMBOLS SCHEDULE NOTES:
1. NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT.
2. SYMBOLS SHOWN DASHED ON PLANS INDICATES EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC...

GENERAL NOTES (ALL ELECTRICAL SHEETS)

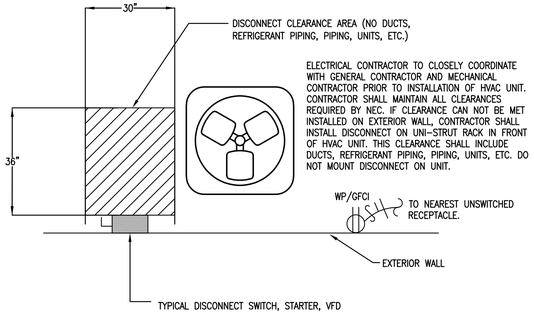
1. EACH CIRCUIT SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR, AND MULTI–WIRE CIRCUITS OF DIFFERENT PHASES MAY SHARE EQUIPMENT GROUND. EQUIPMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
2. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
3. MINIMUM CONDUIT SIZE SHALL BE 1/2" UNLESS OTHERWISE NOTED ON DRAWINGS. ALL CONDUITS SHALL BE CONCEALED UNLESS OTHERWISE NOTED ON THE DRAWINGS.
4. MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS.
5. ALL WORK SHALL COMPLY WITH THE LATEST (2020) EDITION OF THE NATIONAL ELECTRIC CODE (NFPA 70 NEC) AND ANY APPLICABLE LOCAL CODES.
6. ALL ELECTRICAL EQUIPMENT (CONDUIT, BOXES, SUPPORTS, ETC) INSTALLED IN ALL EXPOSED CEILING AREAS SHALL BE PAINTED AS DIRECTED BY THE ARCHITECT.
7. ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTORS FOR EXACT LOCATION OF ALL HVAC AND PLUMBING EQUIPMENT.
8. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SIZING OF ALL MOTOR OVERLOAD DEVICES (HEATERS) IN STARTERS BASED UPON ACTUAL NAMEPLATE RATINGS ON THE MOTORS BEING INSTALLED.
9. ALL 15A AND 20A, 115V AND 250V NON–LOCKING RECEPTACLES SHALL BE TAMPER–PROOF TYPE.



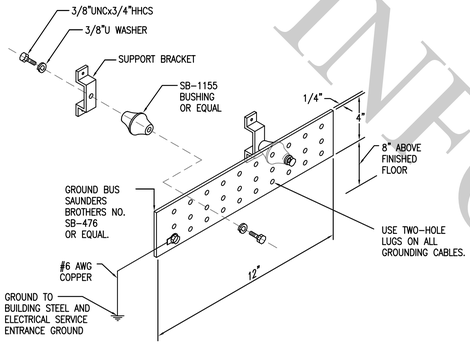
LIGHT FIXTURE DETAIL NOTES:

1. 2'x2' OR 2'x4' LAY–IN LIGHT FIXTURE.
2. SUSPENDED CEILING.
3. TIE WIRE; CONNECT A MINIMUM OF (2) OPPOSITE CORNERS OF FIXTURE TO STRUCTURE ABOVE INDEPENDENT OF OTHER CEILING SUPPORTS.

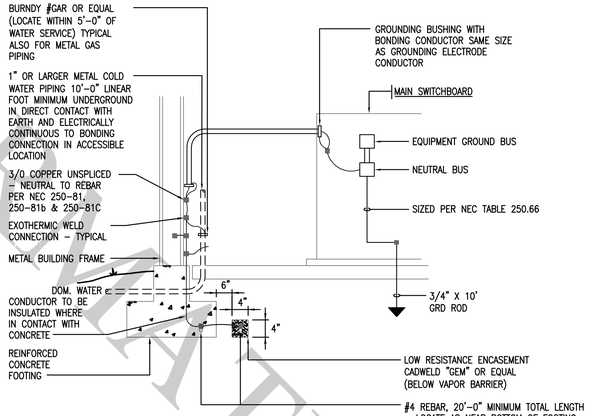
1 TYPICAL LAY–IN FIXTURE SUPPORT
SCALE: NONE



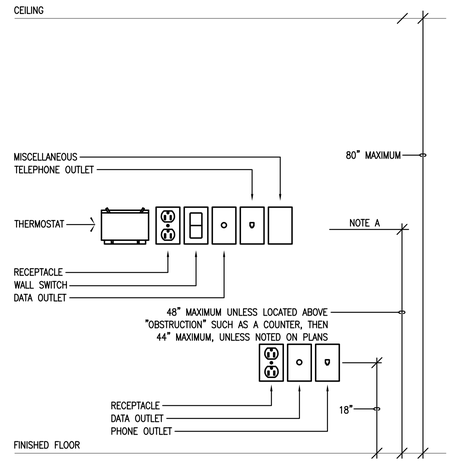
2 HVAC UNIT DISCONNECT CLEARANCE DETAIL
SCALE: NONE



3 DATA RACK AND TELEPHONE BOARD GROUNDING BAR
SCALE: NONE



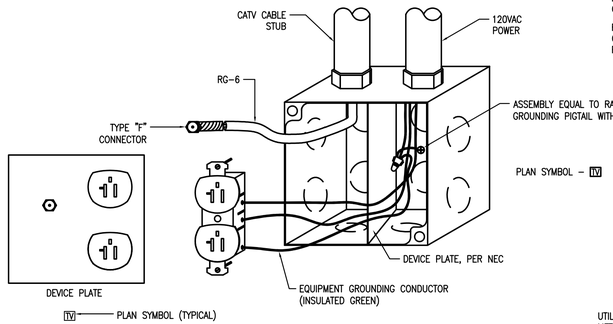
4 SERVICE GROUND DETAIL
SCALE: NONE



GENERAL MOUNTING HEIGHT NOTES:

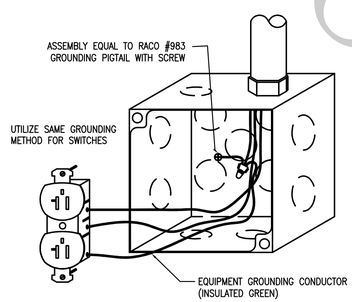
A. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND ELEVATION OF ALL DEVICES IN PROXIMITY TO SINKS, COUNTERTOPS, BACK SPLASHES, CABINETRY AND ARCHITECTURAL FEATURE ELEMENTS.

5 TYPICAL DEVICE MOUNTING HEIGHTS
SCALE: NONE



NOTE:
1. PROVIDE A COMBINATION DUPLEX RECEPTACLE AND TYPE "F" OUTLET DEVICE PLATE.

6 CATV OUTLET/RECEPTACLE
SCALE: NONE



7 DEVICE/JUNCTION BOX GROUNDING
SCALE: NONE

BUILT–IN APPLIANCES SHALL NOT SHARE 120V POWER CIRCUIT WITH COUNTER TOP CONVENIENCE RECEPTACLES.

MAINTAIN 12 FOOT MAX DISTANCE FROM DUPLEX RECEPTACLE TO DUPLEX RECEPTACLE.

NO SHARED NEUTRAL CONDUCTORS FOR NEW CIRCUITS.

RECEPTACLE TYPE CHART PER NEC 2020 (ALL ELECTRICAL SHEETS)

LOCATION	RECEPTACLE OR BREAKER TYPE
BATHROOMS	GFCI
GARAGE/SHED	GFCI
OUTDOORS	GFCI WITH WEATHERPROOF COVER
KITCHEN COUNTERTOPS	GFCI
WITHIN 6FT OF SINKS/TUBS/SHOWERS	GFCI
LAUNDRY	GFCI
DISHWASHER	GFCI
KITCHEN	AFCI
FAMILY ROOMS	AFCI
DINING ROOMS	AFCI
LIVING ROOMS	AFCI
PARLORS	AFCI
LIBRARIES	AFCI
DENS	AFCI
BEDROOMS	AFCI
SUNROOM	AFCI
RECREATION	AFCI
CLOSETS	AFCI
HALLWAYS	AFCI
LAUNDRY	AFCI
LIGHTING	AFCI
ALL LOCATIONS	TAMPER PROOF

CERTIFICATE OF AUTHORIZATION – ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 – ARKANSAS ENGINEER

STATE OF ARKANSAS – REGISTERED PROFESSIONAL ENGINEER – 19993 – ERIC TARVER – 10/30/2025

WORK INFORMATION ONLY

Little Rock A.F.B
Arkansas

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APPD

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
ELECTRICAL DETAILS

DRAWN BY	LEAD DESIGNER
EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	E601
DATE	
30 OCT 2025	
SCALE	89 of 108
AS NOTED	

PANELBOARD:	LP1	VOLTAGE:	208/120	BUS RATING:	200A (NOTE 1) CU	MAIN:	MLO	TOTAL CONNECTED VA:	38,600
LOCATION:	ELECTRICAL 106	MFG. AND TYPE:	SQUARE D, EATON OR EQUAL	EQUIPMENT GROUND BUSS	YES	ISOL GND BUS:	NO	TOTAL A PHASE:	13,600
MOUNTING:	SURFACE	ENCLOSURE:	NEMA1	MINIMUM A.I.C. RATING:	10,000	FED FROM:	MDP	TOTAL B PHASE:	12,800
								TOTAL C PHASE:	12,200

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
800			LIGHTING	20/1	1	-|o|-	———	———	2	20/1	LIGHTING	800		
	800		LIGHTING	20/1	3	———	-|o|-	———	4	20/1	LIGHTING		800	
		800	LIGHTING	20/1	5	———	———	-|o|-	6	20/1	LIGHTING			800
800			EXTERIOR LIGHTING	20/1	7	-|o|-	———	———	8	20/1	EXTERIOR LIGHTING	800		
	800		LIGHTING	20/1	9	———	-|o|-	———	10	20/1	RECEPTACLES		800	
		400	RECEPTACLES	20/1	11	———	———	-|o|-	12	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	13	-|o|-	———	———	14	20/1	RECEPTACLES	800		
	800		RECEPTACLES	20/1	15	———	-|o|-	———	16	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	17	———	———	-|o|-	18	20/1	RECEPTACLES			400
800			RECEPTACLES	20/1	19	-|o|-	———	———	20	20/1	RECEPTACLES	800		
	400		RECEPTACLES	20/1	21	———	-|o|-	———	22	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	23	———	———	-|o|-	24	20/1	RECEPTACLES			800
800			RECEPTACLES	20/1	25	-|o|-	———	———	26	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	27	———	-|o|-	———	28	20/1	RECEPTACLES		400	
		800	RECEPTACLES	20/1	29	———	———	-|o|-	30	20/1	RECEPTACLES			800
400			RECEPTACLES	20/1	31	-|o|-	———	———	32	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	33	———	-|o|-	———	34	20/1	RECEPTACLES		800	
		800	RECEPTACLES	20/1	35	———	———	-|o|-	36	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	37	-|o|-	———	———	38	20/1	RECEPTACLES	400		
	800		RECEPTACLES	20/1	39	———	-|o|-	———	40	20/1	RECEPTACLES		800	
		400	RECEPTACLES	20/1	41	———	———	-|o|-	42	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	43	-|o|-	———	———	44	20/1	RECEPTACLES	800		
	800		RECEPTACLES	20/1	45	———	-|o|-	———	46	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	47	———	———	-|o|-	48	20/1	RECEPTACLES			400
800			RECEPTACLES	20/1	49	-|o|-	———	———	50	20/1	RECEPTACLES	800		
	400		RECEPTACLES	20/1	51	———	-|o|-	———	52	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	53	———	———	-|o|-	54	20/1	RECEPTACLES			800
800			RECEPTACLES	20/1	55	-|o|-	———	———	56	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	57	———	-|o|-	———	58	20/1	RECEPTACLES		400	
		800	RECEPTACLES	20/1	59	———	———	-|o|-	60	20/1	RECEPTACLES			800
400			RECEPTACLES	20/1	61	-|o|-	———	———	62	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	63	———	-|o|-	———	64	20/1	RECEPTACLES		800	
		600	EXTERIOR LIGHTING	20/1	65	———	———	-|o|-	66	20/1	SPARE			400
			SPARE	20/1	67	-|o|-	———	———	68	20/1	SPARE			
			SPARE	20/1	69	———	-|o|-	———	70	20/1	SPARE			
			SPARE	20/1	71	———	———	-|o|-	72	20/1	SPARE			
			SPARE	20/1	73	-|o|-	———	———	74	20/1	SPARE			
			SPARE	20/1	75	———	-|o|-	———	76	20/1	SPARE			
			SPARE	20/1	77	———	———	-|o|-	78	20/1	SPARE			
			SPARE	20/1	79	-|o|-	———	———	80	20/1	SPARE			
			SPARE	20/1	81	———	-|o|-	———	82	20/1	SPARE			
			SPARE	20/1	83	———	———	-|o|-	84	20/1	SPARE			
6800	6400	6200	SIDE TOTALS				SIDE TOTALS					6800	6400	6000

NOTE:
1 PANEL CAN BE ONE 84 CIRCUIT, OR TWO CONNECTED 42 CIRCUIT.

PANELBOARD:	LP2	VOLTAGE:	208/120	BUS RATING:	200A (NOTE 1) CU	MAIN:	MLO	TOTAL CONNECTED VA:	43,600
LOCATION:	ELECTRICAL 204	MFG. AND TYPE:	SQUARE D, EATON OR EQUAL	EQUIPMENT GROUND BUSS	YES	ISOL GND BUS:	NO	TOTAL A PHASE:	15,600
MOUNTING:	SURFACE	ENCLOSURE:	NEMA1	MINIMUM A.I.C. RATING:	10,000	FED FROM:	MDP	TOTAL B PHASE:	14,400
								TOTAL C PHASE:	13,600

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
800			LIGHTING	20/1	1	-|o|-	———	———	2	20/1	LIGHTING	800		
	800		LIGHTING	20/1	3	———	-|o|-	———	4	20/1	LIGHTING		800	
		800	LIGHTING	20/1	5	———	———	-|o|-	6	20/1	LIGHTING			800
800			EXTERIOR LIGHTING	20/1	7	-|o|-	———	———	8	20/1	EXTERIOR LIGHTING	800		
	800		LIGHTING	20/1	9	———	-|o|-	———	10	20/1	RECEPTACLES		800	
		400	RECEPTACLES	20/1	11	———	———	-|o|-	12	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	13	-|o|-	———	———	14	20/1	RECEPTACLES	800		
	800		RECEPTACLES	20/1	15	———	-|o|-	———	16	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	17	———	———	-|o|-	18	20/1	RECEPTACLES			400
800			RECEPTACLES	20/1	19	-|o|-	———	———	20	20/1	RECEPTACLES	800		
	400		RECEPTACLES	20/1	21	———	-|o|-	———	22	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	23	———	———	-|o|-	24	20/1	RECEPTACLES			800
800			RECEPTACLES	20/1	25	-|o|-	———	———	26	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	27	———	-|o|-	———	28	20/1	RECEPTACLES		400	
		800	RECEPTACLES	20/1	29	———	———	-|o|-	30	20/1	RECEPTACLES			800
400			RECEPTACLES	20/1	31	-|o|-	———	———	32	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	33	———	-|o|-	———	34	20/1	RECEPTACLES		800	
		800	RECEPTACLES	20/1	35	———	———	-|o|-	36	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	37	-|o|-	———	———	38	20/1	RECEPTACLES	400		
	800		RECEPTACLES	20/1	39	———	-|o|-	———	40	20/1	RECEPTACLES		800	
		400	RECEPTACLES	20/1	41	———	———	-|o|-	42	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	43	-|o|-	———	———	44	20/1	RECEPTACLES	800		
	800		RECEPTACLES	20/1	45	———	-|o|-	———	46	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	47	———	———	-|o|-	48	20/1	RECEPTACLES			400
800			RECEPTACLES	20/1	49	-|o|-	———	———	50	20/1	RECEPTACLES	800		
	400		RECEPTACLES	20/1	51	———	-|o|-	———	52	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	53	———	———	-|o|-	54	20/1	RECEPTACLES			800
800			RECEPTACLES	20/1	55	-|o|-	———	———	56	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	57	———	-|o|-	———	58	20/1	RECEPTACLES		400	
		800	RECEPTACLES	20/1	59	———	———	-|o|-	60	20/1	RECEPTACLES			800
400			RECEPTACLES	20/1	61	-|o|-	———	———	62	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	63	———	-|o|-	———	64	20/1	RECEPTACLES		800	
		800	RECEPTACLES	20/1	65	———	———	-|o|-	66	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	67	-|o|-	———	———	68	20/1	RECEPTACLES	400		
	800		RECEPTACLES	20/1	69	———	-|o|-	———	70	20/1	RECEPTACLES		800	
		400	RECEPTACLES	20/1	71	———	———	-|o|-	72	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	73	-|o|-	———	———	74	20/1	RECEPTACLES	800		
			SPARE	20/1	75	———	-|o|-	———	76	20/1	SPARE			
			SPARE	20/1	77	———	———	-|o|-	78	20/1	SPARE			
			SPARE	20/1	79	-|o|-	———	———	80	20/1	SPARE			
			SPARE	20/1	81	———	-|o|-	———	82	20/1	SPARE			
			SPARE	20/1	83	———	———	-|o|-	84	20/1	SPARE			
7600	7200	6800	SIDE TOTALS				SIDE TOTALS					8000	7200	6800

NOTE:
1 PANEL CAN BE ONE 84 CIRCUIT, OR TWO CONNECTED 42 CIRCUIT.

PANELBOARD:	LP3	VOLTAGE:	208/120	BUS RATING:	200A (NOTE 1) CU	MAIN:	MLO	TOTAL CONNECTED VA:	43,600
LOCATION:	ELECTRICAL 304	MFG. AND TYPE:	SQUARE D, EATON OR EQUAL	EQUIPMENT GROUND BUSS	YES	ISOL GND BUS:	NO	TOTAL A PHASE:	15,600
MOUNTING:	SURFACE	ENCLOSURE:	NEMA1	MINIMUM A.I.C. RATING:	10,000	FED FROM:	MDP	TOTAL B PHASE:	14,400
								TOTAL C PHASE:	13,600

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
800			LIGHTING	20/1	1	-|o|-	———	———	2	20/1	LIGHTING	800		
	800		LIGHTING	20/1	3	———	-|o|-	———	4	20/1	LIGHTING		800	
		800	LIGHTING	20/1	5	———	———	-|o|-	6	20/1	LIGHTING			800
800			EXTERIOR LIGHTING	20/1	7	-|o|-	———	———	8	20/1	EXTERIOR LIGHTING	800		
	800		LIGHTING	20/1	9	———	-|o|-	———	10	20/1	RECEPTACLES		800	
		400	RECEPTACLES	20/1	11	———	———	-|o|-	12	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	13	-|o|-	———	———	14	20/1	RECEPTACLES	800		
	800		RECEPTACLES	20/1	15	———	-|o|-	———	16	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	17	———	———	-|o|-	18	20/1	RECEPTACLES			400
800			RECEPTACLES	20/1	19	-|o|-	———	———	20	20/1	RECEPTACLES	800		
	400		RECEPTACLES	20/1	21	———	-|o|-	———	22	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	23	———	———	-|o|-	24	20/1	RECEPTACLES			800
800			RECEPTACLES	20/1	25	-|o|-	———	———	26	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	27	———	-|o|-	———	28	20/1	RECEPTACLES		400	
		800	RECEPTACLES	20/1	29	———	———	-|o|-	30	20/1	RECEPTACLES			800
400			RECEPTACLES	20/1	31	-|o|-	———	———	32	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	33	———	-|o|-	———	34	20/1	RECEPTACLES		800	
		800	RECEPTACLES	20/1	35	———	———	-|o|-	36	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	37	-|o|-	———	———	38	20/1	RECEPTACLES	400		
	800		RECEPTACLES	20/1	39	———	-|o|-	———	40	20/1	RECEPTACLES		800	
		400	RECEPTACLES	20/1	41	———	———	-|o|-	42	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	43	-|o|-	———	———	44	20/1	RECEPTACLES	800		
	800		RECEPTACLES	20/1	45	———	-|o|-	———	46	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	47	———	———	-|o|-	48	20/1	RECEPTACLES			400
800			RECEPTACLES	20/1	49	-|o|-	———	———	50	20/1	RECEPTACLES	800		
	400		RECEPTACLES	20/1	51	———	-|o|-	———	52	20/1	RECEPTACLES		400	
		400	RECEPTACLES	20/1	53	———	———	-|o|-	54	20/1	RECEPTACLES			800
800			RECEPTACLES	20/1	55	-|o|-	———	———	56	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	57	———	-|o|-	———	58	20/1	RECEPTACLES		400	
		800	RECEPTACLES	20/1	59	———	———	-|o|-	60	20/1	RECEPTACLES			800
400			RECEPTACLES	20/1	61	-|o|-	———	———	62	20/1	RECEPTACLES	400		
	400		RECEPTACLES	20/1	63	———	-|o|-	———	64	20/1	RECEPTACLES		800	
		800	RECEPTACLES	20/1	65	———	———	-|o|-	66	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	67	-|o|-	———	———	68	20/1	RECEPTACLES	400		
	800		RECEPTACLES	20/1	69	———	-|o|-	———	70	20/1	RECEPTACLES		800	
		400	RECEPTACLES	20/1	71	———	———	-|o|-	72	20/1	RECEPTACLES			400
400			RECEPTACLES	20/1	73	-|o|-	———	———	74	20/1	RECEPTACLES	800		
			SPARE	20/1	75	———	-|o|-	———	76	20/1	SPARE			
			SPARE	20/1	77	———	———	-|o|-	78	20/1	SPARE			
			SPARE	20/1	79	-|o|-	———	———	80	20/1	SPARE			
			SPARE	20/1	81	———	-|o|-	———	82	20/1	SPARE			
			SPARE	20/1	83	———	———	-|o|-	84	20/1	SPARE			
7600	7200	6800	SIDE TOTALS				SIDE TOTALS					8000	7200	6800

NOTE:
1 PANEL CAN BE ONE 84 CIRCUIT, OR TWO CONNECTED 42 CIRCUIT.

PANELBOARD:	M1	VOLTAGE:	208/120	BUS RATING:	125A CU	MAIN:	MLO	TOTAL CONNECTED VA:	19,036
LOCATION:	ELECTRICAL 106	MFG. AND TYPE:	SQUARE D, EATON OR EQUAL	EQUIPMENT GROUND BUSS	YES	ISOL GND BUS:	NO	TOTAL A PHASE:	6,668
MOUNTING:	SURFACE	ENCLOSURE:	NEMA1	MINIMUM A.I.C. RATING:	10,000	FED FROM:	MDP	TOTAL B PHASE:	6,314
								TOTAL C PHASE:	6,054

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
1600			B-1	20/1	1	-|o|-	———	———	2	20/2	UH-1	1654		
	1186		DS-1	20/2	3	———	-|o|-	———	4				1654	
		1186			5	———	———	-|o|-	6	20/2	UH-2			1654
300			FCU'S	20/2	7	-|o|-	———	———	8			1654		
	300				9	———	-|o|-	———	10	20/2	UH-3		1654	
		300	FCU'S	20/2	11	———	———	-|o|-	12					1654
300					13	-|o|-	———	———	14	20/2	FCU'S	260		
	260		FCU'S	20/2	15	———	-|o|-	———	16				260	
		260			17	———	———	-|o|-	18	20/1	RECEPTACLES			400
500			FCU'S	20/1	19	-|o|-	———	———	20	20/1	UV LIGHTS	400		
	400		DDC PANEL	20/1	21	———	-|o|-	———	22	20/1	RECEPTACLES		600	
		600	RECEPTACLES	20/1	23	———	———	-|o|-	24	20/1	SPARE			
			SPARE	20/1	25	-|o|-	———	———	26	20/1	SPARE			
			SPARE	20/1	27	———	-|o|-	———	28	20/1	SPARE			
			SPARE	20/1	29	———	———	-|o|-	30	20/1	SPARE			
2700	2146	2346	SIDE TOTALS				SIDE TOTALS					3968	4168	3708

PANELBOARD:	M2	VOLTAGE:	208/120	BUS RATING:	125A CU	MAIN:	MLO	TOTAL CONNECTED VA:	8,680
LOCATION:	ELECTRICAL 204	MFG. AND TYPE:	SQUARE D, EATON OR EQUAL	EQUIPMENT GROUND BUSS	YES	ISOL GND BUS:	NO	TOTAL A PHASE:	2,436
MOUNTING:	SURFACE	ENCLOSURE:	NEMA1	MINIMUM A.I.C. RATING:	10,000	FED FROM:	MDP	TOTAL B PHASE:	2,804
								TOTAL C PHASE:	3,440

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
300			FCU'S	20/2	1	-|o|-	———	———	2	20/2	FCU'S	350		
	300				3	———	-|o|-	———	4				350	
		300	FCU'S	20/2	5	———	———	-|o|-	6	20/2	FCU'S			300
300					7	-|o|-	———	———	8			300		
	500		FCU'S	20/1	9	———	-|o|-	———	10	20/2	UH-3		1654	
		1186	DS-2	20/2	11	———	———	-|o|-	12					1654
1186					13	-|o|-	———	———	14	20/1	SPARE			
			SPARE	20/1	15	———	-|o|-	———	16	20/1	SPARE			
			SPARE	20/1	17	———	———	-|o|-	18	20/1	SPARE			
			SPARE	20/1	19	-|o|-	———	———	20	20/1	SPARE			
			SPARE	20/1	21	———	-|o|-	———	22	20/1	SPARE			
			SPARE	20/1	23	———	———	-|o|-	24	20/1	SPARE			
			SPARE	20/1	25	-|o|-	———	———	26	20/1	SPARE			
			SPARE	20/1	27	———	-|o|-	———	28	20/1	SPARE			
			SPARE	20/1	29	———	———	-|o|-	30	20/1	SPARE			
1786	800	1486	SIDE TOTALS				SIDE TOTALS					650	2004	1954

PANELBOARD:	M3	VOLTAGE:	208/120	BUS RATING:	125A CU	MAIN:	MLO	TOTAL CONNECTED VA:	8,880
LOCATION:	ELECTRICAL 304	MFG. AND TYPE:	SQUARE D, EATON OR EQUAL	EQUIPMENT GROUND BUSS	YES	ISOL GND BUS:	NO	TOTAL A PHASE:	2,436
MOUNTING:	SURFACE	ENCLOSURE:	NEMA1	MINIMUM A.I.C. RATING:	10,000	FED FROM:	MDP	TOTAL B PHASE:	3,990
								TOTAL C PHASE:	2,454

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
300			FCU'S	20/2	1	-|o|-	———	———	2	20/2	FCU'S	350		
	300				3	———	-|o|-	———	4				350	
		300	FCU'S	20/2	5	———	———	-|o|-	6	20/2	FCU'S			300
300					7	-|o|-	———	———	8			300		
	500		FCU'S	20/1	9	———	-|o|-	———	10	20/2	UH-3		1654	
		200	EF-1	20/1	11	———	———	-|o|-	12					1654
1186			DS-3	20/2	13	-|o|-	———	———	14	20/1	SPARE			
	1186				15	———	-|o|-	———	16	20/1	SPARE			
			SPARE	20/1	17	———	———	-|o|-	18	20/1	SPARE			
			SPARE	20/1	19	-|o|-	———	———	20	20/1	SPARE			
			SPARE	20/1	21	———	-|o|-	———	22	20/1	SPARE			
			SPARE	20/1	23	———	———	-|o|-	24	20/1	SPARE			
			SPARE	20/1	25	-|o|-	———	———	26	20/1	SPARE			
			SPARE	20/1	27	———	-|o|-	———	28	20/1	SPARE			
			SPARE	20/1	29	———	———	-|o|-	30	20/1	SPARE			
1786	1986	500	SIDE TOTALS				SIDE TOTALS					650	2004	1954

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ENERGY ENGINEERING CONSULTANTS, INC.
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LITTLE ROCK, AR 72205 FX: (501) 244-0241

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY
A-PP3			

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
ELECTRICAL SCHEDULES

DRAWN BY	LEAD DESIGNER
EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	E701
DATE	
30 OCT 2025	90 of 108
SCALE	
AS NOTED	

CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
ERIC TARVER
No. 19995
10/30/2025

MAIN DISTRIBUTION PANEL - MDP

1200AMP BUS, 208Y120V. 3-PHASE, 4-WIRE WITH SOLID NEUTRAL BUS, EQUIPMENT GROUND BUS, MAIN LUGS ONLY. MINIMUM SHORT CIRCUIT RATING OF DISTRIBUTION CENTER AND BREAKERS HALL BE 24,000 AMPS RMS SYMETTRICAL. TRANSIENT VOLTAGE SURGE SUPPRESION (TVSS) SHALL BE INSTALLED IN MAIN DISTRIBUTION PANEL. COPPER BUSSING, MANUFACTURER SHALL BE SQUARE D, EATON OR EQUAL. NEMA 1

CIRCUIT	SERVES	CONNECTED LOAD (VA)	POLE	FRAME (A)	TRIP (A)	WIRE	CONDUIT SIZE (INCHES)
1	PANEL LP1	43,000	3	200	200	SEE POWER RISER DIAGRAM	
2	PANEL LP2	43,600	3	200	200	SEE POWER RISER DIAGRAM	
3	PANEL LP3	43,600	3	200	200	SEE POWER RISER DIAGRAM	
4	PANEL M1	18,036	3	150	125	SEE POWER RISER DIAGRAM	
5	PANEL M2	6,308	3	150	125	SEE POWER RISER DIAGRAM	
6	PANEL M3	6,508	3	150	125	SEE POWER RISER DIAGRAM	
7	PANEL FA	6,000	3	60	50	SEE POWER RISER DIAGRAM	
8	PANEL P	32,520	3	100	100	SEE POWER RISER DIAGRAM	
9	PANEL LD1	24,968	3	100	100	SEE POWER RISER DIAGRAM	
10	PANEL LD2	24,568	3	100	100	SEE POWER RISER DIAGRAM	
11	PANEL LD3	24,668	3	100	100	SEE POWER RISER DIAGRAM	
12	CHILLER CH-1	127,534	3	400	400	3-500KCMIL & #3 AWG GND	3
13	MDP2	12,033	3	225	225	4-#4/0 AWG & #4 GND	2-1/2
20	SPACE		3	----	----		
21	SPACE		3	----	----		
22	SPACE		3	----	----		
	TOTAL CONNECTED LOAD (KVA)	413,343					

MAIN DISTRIBUTION PANEL - MDP2

225AMP BUS, 208Y120V. 3-PHASE, 4-WIRE WITH SOLID NEUTRAL BUS, EQUIPMENT GROUND BUS, MAIN LUGS ONLY. MINIMUM SHORT CIRCUIT RATING OF DISTRIBUTION CENTER AND BREAKERS HALL BE 24,000 AMPS RMS SYMETTRICAL. COPPER BUSSING, MANUFACTURER SHALL BE SQUARE D, EATON OR EQUAL. NEMA 1

CIRCUIT	SERVES	CONNECTED LOAD (VA)	POLE	FRAME (A)	TRIP (A)	WIRE	CONDUIT SIZE (INCHES)
1	ERAHU-1	12,033	3	30	20	3-#12 AWG & #12 GND	3/4
2	PUMP CHP-1 (5HP)	6,016	3	60	35	3-#8 AWG & #10 GND	1
3	PUMP CHP-2 (5HP)	6,016	3	60	35	3-#8 AWG & #10 GND	1
4	PUMP HWP-1 (3HP)	3,819	3	30	20	3-#12 AWG & #12 GND	3/4
5	PUMP HWP-2 (3HP)	3,819	3	30	20	3-#12 AWG & #12 GND	3/4
6	METER POWER	1,200	3	30	20	3-#12 AWG & #12 GND	3/4
7	LIGHTING P & SPD	1,200	3	30	20	3-#12 AWG & #12 GND	3/4
8	SPACE		3	----	----		
9	SPACE		3	----	----		
10	SPACE		3	----	----		
	TOTAL CONNECTED LOAD (KVA)	34,103					

PANELBOARD: FA | VOLTAGE: 208/120 | BUS RATING: 60A CU | MAIN: MLO | TOTAL CONNECTED VA: 6,000

LOCATION: RISER ROOM 122 | MFG. AND TYPE: SQUARE D, EATON OR EQUAL | EQUIPMENT GROUND BUSS: YES | ISOL GND BUS: NO | TOTAL A PHASE: 2,000

MOUNTING: SURFACE | ENCLOSURE:NEMA1 | MINIMUM A.I.C. RATING: 10,000 | FED FROM: MDP | TOTAL B PHASE: 2,000 | TOTAL C PHASE: 2,000

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
1000			FA LOADS	20/1	1	-x(-	——	——	2	20/1	FA LOADS	1000		
	1000		FA LOADS	20/1	3	——	-x(-	——	4	20/1	FA LOADS		1000	
		1000	FA LOADS	20/1	5	——	——	-x(-	6	20/1	FA LOADS			1000
			SPARE	20/1	7	-x(-	——	——	8	20/1	SPARE			
			SPARE	20/1	9	——	-x(-	——	10	20/1	SPARE			
			SPARE	20/1	11	——	——	-x(-	12	20/1	SPARE			
1000	1000	1000	SIDE TOTALS								SIDE TOTALS	1000	1000	1000

PANELBOARD: P | VOLTAGE: 208/120 | BUS RATING: 200A CU | MAIN: 150A | TOTAL CONNECTED VA: 0

LOCATION: ELECTRICAL 204 | MFG. AND TYPE: EATON OR EQUAL | EQUIPMENT GROUND BUSS: YES | ISOL GND BUS: NO | TOTAL A PHASE: 0

MOUNTING: SURFACE | ENCLOSURE:NEMA1 | MINIMUM A.I.C. RATING: 10,000 | FED FROM: MDP | TOTAL B PHASE: 0 | TOTAL C PHASE: 0

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
600			RECEPTACLES	20/1	1	-x(-	——	——	2	20/1	RECEPTACLES	800		
	400		RECEPTACLES	20/1	3	——	-x(-	——	4	20/1	RECEPTACLES		600	
		400	RECEPTACLES	20/1	5	——	——	-x(-	6	20/1	RECEPTACLES			1000
600			RECEPTACLES	20/1	7	-x(-	——	——	8	20/1	RECEPTACLES	600		
	600		RECEPTACLES	20/1	9	——	-x(-	——	10	20/1	RECEPTACLES		1200	
		1200	RECEPTACLES	20/1	11	——	——	-x(-	12	20/1	RECEPTACLES			800
800			RECEPTACLES	20/1	13	-x(-	——	——	14	20/1	RECEPTACLES	400		
	600		RECEPTACLES	20/1	15	——	-x(-	——	16	20/1	RECEPTACLES		600	
		1000	RECEPTACLES	20/1	17	——	——	-x(-	18	20/1	RECEPTACLES			1000
1000			RECEPTACLES	20/1	19	-x(-	——	——	20	20/1	RECEPTACLES	800		
	4160		RANGE	50/2	21	——	-x(-	——	22	20/1	RECEPTACLES		400	
		4160			23	——	——	-x(-	24	20/1	RECEPTACLES			400
600			RECEPTACLES	20/1	25	-x(-	——	——	26	20/1	RECEPTACLES	1200		
	1200		RECEPTACLES	20/1	27	——	-x(-	——	28	20/1	RECEPTACLES		800	
		800	RECEPTACLES	20/1	29	——	——	-x(-	30	20/1	RECEPTACLES			800
600			RECEPTACLES	20/1	31	-x(-	——	——	32	20/1	RECEPTACLES	1200		
	1200		RECEPTACLES	20/1	33	——	-x(-	——	34	20/1	RECEPTACLES		1000	
		400	RECEPTACLES	20/1	35	——	——	-x(-	36	20/1	RECEPTACLES			400
			SPARE	20/1	37	-x(-	——	——	38	20/1	SPARE			
			SPARE	20/1	39	——	-x(-	——	40	20/1	SPARE			
			SPARE	20/1	41	——	——	-x(-	42	20/1	SPARE			
			SPARE	20/1	43	-x(-	——	——	44	20/1	SPARE			
			SPARE	20/1	45	——	-x(-	——	46	20/1	SPARE			
			SPARE	20/1	47	——	——	-x(-	48	20/1	SPARE			
			SPARE	20/1	49	-x(-	——	——	50	20/1	SPARE			
			SPARE	20/1	51	——	-x(-	——	52	20/1	SPARE			
			SPARE	20/1	53	——	——	-x(-	54	20/1	SPARE			
4200	8160	7960	SIDE TOTALS								SIDE TOTALS	5000	4600	4400

PANELBOARD: LD1 | VOLTAGE: 208/120 | BUS RATING: 100A CU | MAIN: MLO | TOTAL CONNECTED VA: 24,968

LOCATION: ELECTRICAL 106 | MFG. AND TYPE: SQUARE D, EATON OR EQUAL | EQUIPMENT GROUND BUSS: YES | ISOL GND BUS: NO | TOTAL A PHASE: 7,992

MOUNTING: SURFACE | ENCLOSURE:NEMA1 | MINIMUM A.I.C. RATING: 10,000 | FED FROM: MDP | TOTAL B PHASE: 6,992 | TOTAL C PHASE: 9,984

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
1000			WASHER	20/1	1	-x(-	——	——	2	20/1	WASHER	1000		
	1000		WASHER	20/1	3	——	-x(-	——	4	20/1	WASHER		1000	
		2496	DRYER	30/2	5	——	——	-x(-	6	30/2	DRYER			2496
2496					7	-x(-	——	——	8			2496		
	2496		DRYER	30/2	9	——	-x(-	——	10	30/2	DRYER		2496	
		2496			11	——	——	-x(-	12					2496
1000			RECEPTACLES	20/1	13	-x(-	——	——	14	20/1	SPARE			
			SPARE	20/1	15	——	-x(-	——	16	20/1	SPARE			
			SPARE	20/1	17	——	——	-x(-	18	20/1	SPARE			
			SPARE	20/1	19	-x(-	——	——	20	20/1	SPARE			
			SPARE	20/1	21	——	-x(-	——	22	20/1	SPARE			
			SPARE	20/1	23	——	——	-x(-	24	20/1	SPARE			
4496	3496	4992	SIDE TOTALS								SIDE TOTALS	3496	3496	4992

PANELBOARD: LD2 | VOLTAGE: 208/120 | BUS RATING: 100A CU | MAIN: MLO | TOTAL CONNECTED VA: 24,568

LOCATION: ELECTRICAL 204 | MFG. AND TYPE: SQUARE D, EATON OR EQUAL | EQUIPMENT GROUND BUSS: YES | ISOL GND BUS: NO | TOTAL A PHASE: 7,592

MOUNTING: SURFACE | ENCLOSURE:NEMA1 | MINIMUM A.I.C. RATING: 10,000 | FED FROM: MDP | TOTAL B PHASE: 6,992 | TOTAL C PHASE: 9,984

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
1000			WASHER	20/1	1	-x(-	——	——	2	20/1	WASHER	1000		
	1000		WASHER	20/1	3	——	-x(-	——	4	20/1	WASHER		1000	
		2496	DRYER	30/2	5	——	——	-x(-	6	30/2	DRYER			2496
2496					7	-x(-	——	——	8			2496		
	2496		DRYER	30/2	9	——	-x(-	——	10	30/2	DRYER		2496	
		2496			11	——	——	-x(-	12					2496
600			RECEPACLES	20/1	13	-x(-	——	——	14	20/1	SPARE			
			SPARE	20/1	15	——	-x(-	——	16	20/1	SPARE			
			SPARE	20/1	17	——	——	-x(-	18	20/1	SPARE			
			SPARE	20/1	19	-x(-	——	——	20	20/1	SPARE			
			SPARE	20/1	21	——	-x(-	——	22	20/1	SPARE			
			SPARE	20/1	23	——	——	-x(-	24	20/1	SPARE			
4096	3496	4992	SIDE TOTALS								SIDE TOTALS	3496	3496	4992

PANELBOARD: LD3 | VOLTAGE: 208/120 | BUS RATING: 100A CU | MAIN: MLO | TOTAL CONNECTED VA: 24,568

LOCATION: ELECTRICAL 304 | MFG. AND TYPE: SQUARE D, EATON OR EQUAL | EQUIPMENT GROUND BUSS: YES | ISOL GND BUS: NO | TOTAL A PHASE: 7,592

MOUNTING: SURFACE | ENCLOSURE:NEMA1 | MINIMUM A.I.C. RATING: 10,000 | FED FROM: MDP | TOTAL B PHASE: 6,992 | TOTAL C PHASE: 9,984

LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	SERVES	T/P	CIR. NO.	A	B	C	CIR. NO.	T/P	SERVES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C
1000			WASHER	20/1	1	-x(-	——	——	2	20/1	WASHER	1000		
	1000		WASHER	20/1	3	——	-x(-	——	4	20/1	WASHER		1000	
		2496	DRYER	30/2	5	——	——	-x(-	6	30/2	DRYER			2496
2496					7	-x(-	——	——	8			2496		
	2496		DRYER	30/2	9	——	-x(-	——	10	30/2	DRYER		2496	
		2496			11	——	——	-x(-	12					2496
600			RECEPTACLES	20/1	13	-x(-	——	——	14	20/1	SPARE			
			SPARE	20/1	15	——	-x(-	——	16	20/1	SPARE			
			SPARE	20/1	17	——	——	-x(-	18	20/1	SPARE			
			SPARE	20/1	19	-x(-	——	——	20	20/1	SPARE			
			SPARE	20/1	21	——	-x(-	——	22	20/1	SPARE			
			SPARE	20/1	23	——	——	-x(-	24	20/1	SPARE			
4096	3496	4992	SIDE TOTALS								SIDE TOTALS	3496	3496	4992

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: ELECTRICAL SCHEDULES

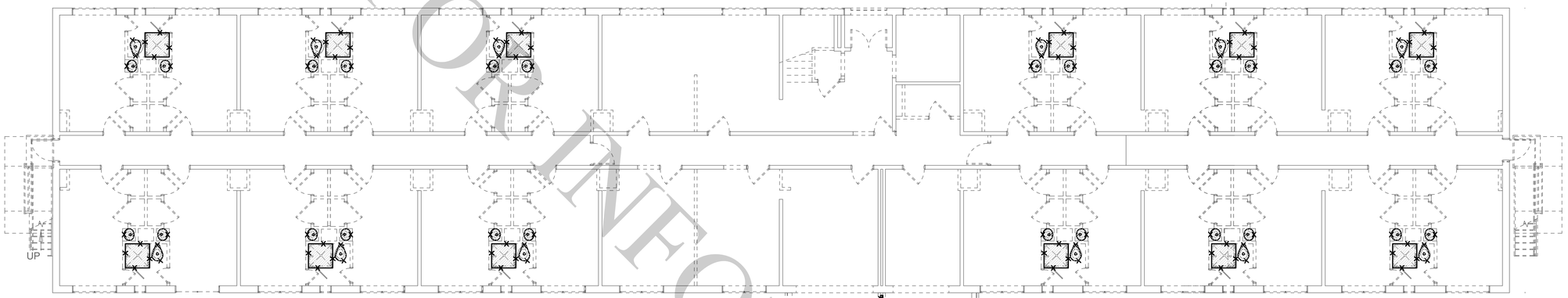
DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: E702
DATE: 30 OCT 2025	
SCALE: AS NOTED	91 of 108

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — ERIC J. TARTER — 10/31/2025

SAW-CUT FLOOR AS REQUIRED FOR NEW SS PIPING INSTALLATION. REPAIR FLOOR PER ARCHITECT'S DIRECTIONS. FIELD VERIFY LOCATION OF EXISTING SS PIPING PRIOR TO DEMOLITION.

REMOVE ALL PLUMBING FIXTURES, EQUIPMENT, AND ASSOCIATED PIPING.



EXISTING CW MAIN TO REMAIN (FIELD VERIFY LOCATION).

EXISTING GAS MAIN TO REMAIN (FIELD VERIFY LOCATION).

1 PLUMBING FIRST FLOOR DEMOLITION PLAN

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

0' 4' 8' 16'

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

GENERAL NOTES

A. ALL WORK MUST COMPLY WITH THE REQUIREMENTS OF LOCAL CODES, AMENDMENTS AND ORDINANCES. WHERE INSPECTIONS ARE REQUIRED BY AUTHORITIES HAVING JURISDICTION, WORK MUST NOT BE CONCEALED UNTIL INSPECTIONS AND TESTING ARE COMPLETED AND ACCEPTED.

B. ALL CONTRACT DOCUMENTS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT. DO NOT SCALE DRAWINGS.

C. INFORMATION AND COMPONENTS SHOWN ON DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, MUST BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.

D. ALL SYSTEMS INSTALLATION MUST MAINTAIN INTEGRITY OF WALLS, PARTITIONS AND FLOORS DESIGNATED AS EITHER FIRE RATED OR "SMOKE TIGHT". SEAL AROUND ALL PENETRATIONS THROUGH RATED OR SMOKE TIGHT ASSEMBLIES. COORDINATE W/ARCHITECTURAL PLANS AND GC.

E. REPLACE OR REPAIR ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK. REPAIR OR REPLACEMENT MUST, AS A MINIMUM, EQUAL ORIGINAL CONDITION. SPECIAL CARE MUST BE TAKEN ON THE ROOFS TO PREVENT DAMAGE. ANY DAMAGE MUST BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER. COMPLY WITH BONDING REQUIREMENTS OF THE ROOFING MANUFACTURER.

F. SEAL ALL ROOF AND WALL PENETRATIONS WATERTIGHT. FLASH AND COUNTER-FLASH ALL ROOF PENETRATIONS. MINIMUM ACCEPTABLE HEIGHT OF FLASHING IS TWELVE (12) INCHES ABOVE ROOF.

G. PROVIDE PRESSURE REDUCERS IN WATER SUPPLY LINES TO KEEP PRESSURE BELOW 60 PSI AT ALL OUTLETS. MINIMUM PRESSURE ACCEPTABLE AT WATER OUTLETS IS 25 PSI AT DIRECT SUPPLY FLUSH VALVES, AND 8 PSI AT ALL OTHER OUTLETS. PROVIDE PRESSURE REDUCING VALVE (REGULATOR) AT DOMESTIC WATER SERVICE ENTRANCE, AS REQUIRED.

H. ALL PLUMBING WORK MUST BE INSTALLED HIGH AS POSSIBLE SO AS TO MAINTAIN THE MAXIMUM POSSIBLE CLEARANCE ABOVE FINISHED FLOOR.

I. CONTRACTOR MUST VERIFY UTILITIES LOCATIONS AND INVERTS WITH EXISTING PRIOR TO PLACEMENT OF SERVICES. ALL SYSTEMS MUST BE INSTALLED AS PER SPECIFICATIONS AND GOVERNING CODES.

J. WHEN PIPING FIVE (5) INCH DIAMETER AND OVER IS SUPPORTED FROM BAR JOISTS, EACH HANGER IS TO BE SUPPORTED BY AT LEAST TWO JOISTS BY MEANS OF SUPPLEMENTAL STEEL TO SPAN BETWEEN ADJACENT JOISTS. PIPING SIX (6) INCH DIAMETER AND OVER MUST ADDITIONALLY BE SUPPORTED FROM TOP CHORD OF STRUCTURE. KEEP PIPING THIS SIZE WITHIN 5' OF COLUMN LINES UNLESS OTHERWISE INDICATED.

K. ALL PIPE DROPS FROM ABOVE TO BELOW FLOOR MUST BE MADE IN FURR-OUTS AT COLUMNS, IN WEB OF BEAMS AT COLUMNS, OR IN WALLS UNLESS SHOWN OTHERWISE.

L. PROVIDE SHUT-OFF VALVES AT ALL BRANCH WATER LINES, AND AT ALL BRANCHES IN WATER LINES TO INDIVIDUAL FIXTURES, GROUPS OF FIXTURES OR HOSE BIB. PROVIDE VALVE ABOVE CEILING IN BRANCH SERVING EACH WALL HYDRANT (IF APPLICABLE). INSTALL VALVES IN ACCESSIBLE LOCATIONS.

M. PROVIDE WATER HAMMER ARRESTORS (WHA) AT END OF CW LINE RUNS. PROVIDE ACCESS TO ARRESTORS VIA ACCESS PANELS, ETC.

N. PROVIDE STOP VALVES AT EVERY FIXTURE ON BOTH HOT AND COLD WATER SUPPLY LINES. VALVES, ESCUTCHEONS, FITTINGS, ETC. MUST BE CHROMIUM PLATED. WHERE EXPOSED IN FINISHED AREAS, CHROME PLATED PIPE IS TO BE USED.

O. PROVIDE CLEANOUTS IN ALL SANITARY, STORM DRAINAGE & OVERFLOW LINES, WHETHER SHOWN OR NOT, AT INTERVALS NOT TO EXCEED 50 FEET, AT EACH CHANGE IN DIRECTION OF 45 DEGREES AND GREATER, AND ON ALL VERTICAL RISERS AT A HEIGHT OF 30" ABOVE FINISHED FLOOR AT THE BASE OF EACH STACK.

P. ALL EXPOSED OR ACCESSIBLE P-TRAPS MUST BE PROVIDED WITH BOTTOM CLEANOUT PLUGS.

Q. MAINTAIN A MINIMUM OF 15'-0" BETWEEN ALL KNOWN FRESH AIR INTAKES AND PLUMBING VENTS FLUES, ETC. OFFSET PLUMBING VENTS BELOW ROOF AS REQUIRED TO MAINTAIN MINIMUM CLEARANCES. COORDINATE WITH ALL OTHER CONTRACTORS ON SITE.

R. ALL SANITARY SEWER LINES 3" DIA AND LESS ARE TO BE RUN AT 1/4"/FT. MINIMUM. ALL OTHERS SLOPE AT 1/8"/FT MINIMUM. UNLESS OTHERWISE INDICATED.

S. ALL HORIZONTAL STORM DRAIN (SD) LINES INSIDE BUILDINGS ARE TO SLOPE AT 1/8"/FT UNLESS OTHERWISE INDICATED. EXTERIOR BELOW GRADE STORM DRAINS ARE TO SLOPE AT 1/4"/FT UNLESS OTHERWISE INDICATED.

T. INSULATE ALL WATER LINES ABOVE FLOOR. INSULATE ALL HORIZONTAL STORM LINES (INCLUDING OVERFLOW LINES) ABOVE FLOOR. INSULATE ALL WATER LINES CARRYING HVAC CONDENSATE OR DRAINS FROM ICE MACHINES AND OTHER "REFRIGERATION EQUIPMENT".

U. PROVIDE 8 INCH WATER COLUMN MINIMUM GAS SYSTEM TO ALL GAS FIRED EQUIPMENT, UNLESS HIGHER PRESSURE IS REQUIRED BY EQUIPMENT (VERIFY WITH MANUFACTURER). MINIMUM REQUIREMENTS TO COMPLY WITH A.G.A. STANDARDS, HOWEVER, UNDER NO CIRCUMSTANCES ARE GAS LINES TO BE RUN INSIDE THE BUILDING WHICH CONTAIN GAS PRESSURES OF 5 PSI OR ABOVE.

V. PROVIDE SHUT_OFF COCK, 6 INCH DIRT LEG, AND UNION IN GAS LINE AT ALL CONNECTIONS TO GAS BURNING EQUIPMENT, INCLUDING ROOF TOP EQUIPMENT, IF APPLICABLE. UNIONS MUST BE DIELECTRIC TYPE IF EQUIPMENT CONNECTION AND GAS PIPE ARE OF DIFFERENT METALS.

W. PROVIDE ANODES ON GAS PIPING AS REQUIRED BY LOCAL UTILITY. PROVIDE ALL EQUIPMENT AT GAS METER AS REQUIRED BY LOCAL UTILITY.

PLUMBING LEGEND

POINT OF CONNECTION – NEW TO EXISTING	ELBOW UP	REDUCED PRESSURE BACKFLOW PREVENTER
EXISTING TO REMAIN,	ELBOW DOWN	HAMMER ARRESTOR
EXISTING TO BE REMOVED,	TEE OUTLET UP	CAP ON END LINE
DOMESTIC COLD WATER (CW)	TEE OUTLET DOWN	T&P RELIEF VALVE
DOMESTIC HOT WATER (HW)	CONCENTRIC REDUCER	LINE CLEANOUT
DOMESTIC HOT WATER RETURN (HWR)	UNION	DOUBLE CLEANOUT TO GRADE (DCOTG)
SS SANITARY SEWER	STRAINER WITH BLOWDOWN VALVE	FLOOR CLEANOUT (FCO)
SANITARY VENT	GATE VALVE	PRESSURE GAUGE WITH GAUGE COCK
AW ACID WASTE	GLOBE VALVE	THERMOMETER
AV ACID VENT	BALL VALVE	WATER METER
SD STORM DRAIN	GAS VALVE	GAS REGULATOR
G NATURAL GAS	OS&Y VALVE	FLOW SWITCH
V MEDICAL GAS – VACUUM	CHECK VALVE	PRESSURE SWITCH
A MEDICAL GAS – AIR	LEVER OPERATED BUTTERFLY VALVE	SIAMESE CONNECTION
O MEDICAL GAS – OXYGEN	GEAR OPERATED BUTTERFLY VALVE	
NO MEDICAL GAS – NITROUS OXIDE	PRESSURE REDUCING VALVE	
N NITROGEN	BALANCING VALVE WITH DIFFERENTIAL PRESSURE TAPS	
F FIRE STANDPIPE / SPRINKLER PIPE		

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CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 13207 — NOAH D. KINDER — 10/30/2025

Little Rock A.F.B
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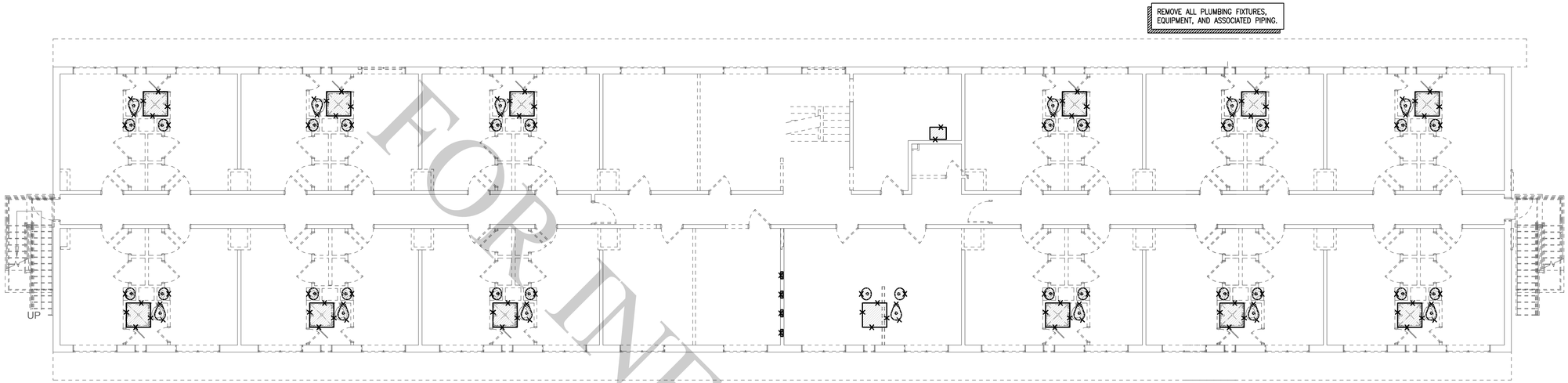
CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

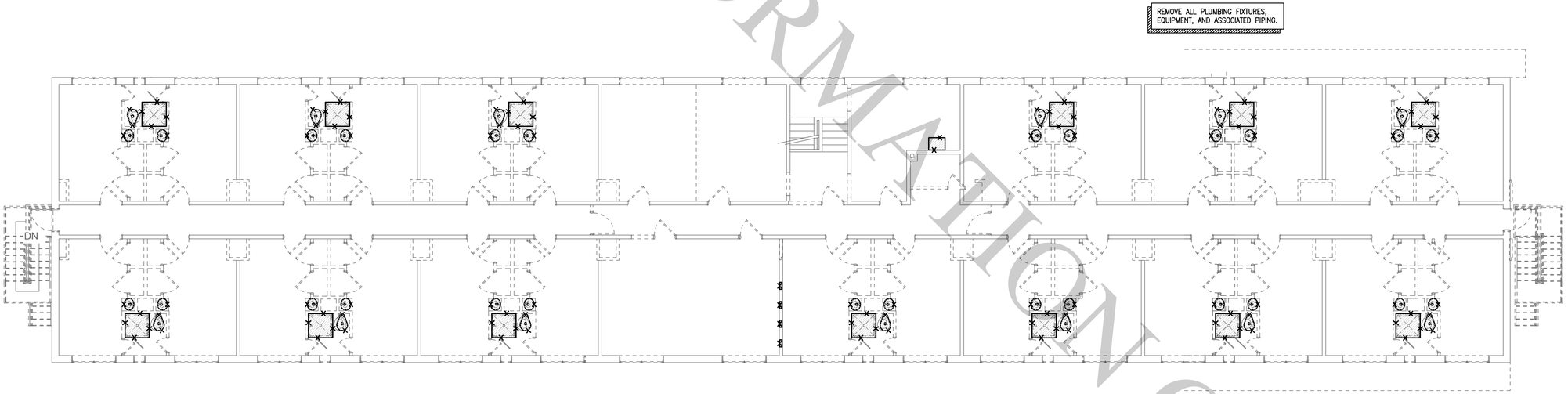
PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: PLUMBING DEMOLITION PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: P101
DATE: 30 OCT 2025	
SCALE: AS NOTED	92 of 108



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



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

FOR INFORMATION ONLY

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NOAH D. KINDER
NO. 13207
10/30/2025

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

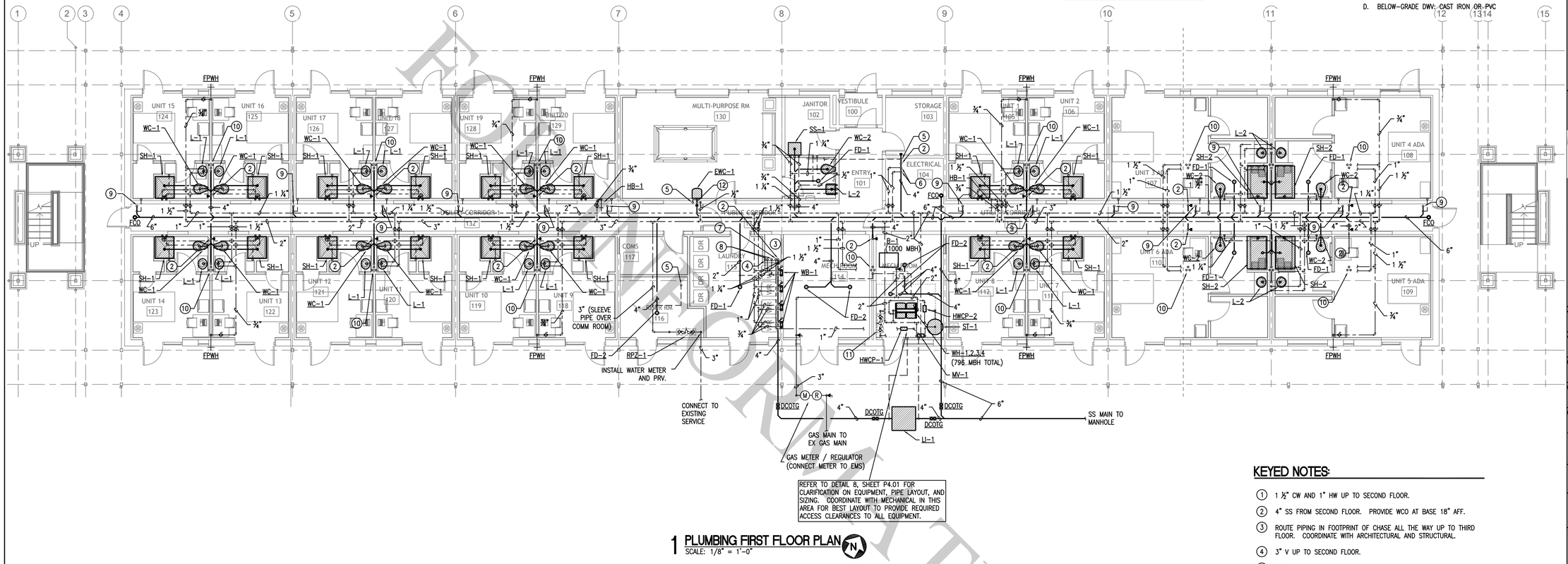
SHEET TITLE
PLUMBING DEMOLITION PLAN

DRAWN BY	LEAD DESIGNER
EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	P102
DATE	
30 OCT 2025	93 of 108
SCALE	
AS NOTED	

REFER TO PLUMBING RISERS AND SCHEDULE FOR ADDITIONAL INFORMATION FOR ROUTING AND PIPE SIZING

NATURAL GAS DEMAND: 1796 MBH @ 100 FT (0.5 PSI)

TOTAL DOMESTIC WATER DEMAND: 166 GPM



REFER TO DETAIL 8, SHEET P4.01 FOR CLARIFICATION ON EQUIPMENT, PIPE LAYOUT, AND SIZING. COORDINATE WITH MECHANICAL IN THIS AREA FOR BEST LAYOUT TO PROVIDE REQUIRED ACCESS CLEARANCES TO ALL EQUIPMENT.

1 PLUMBING FIRST FLOOR PLAN

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

0' 4' 8' 16'

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

GENERAL NOTES

THE FOLLOWING MATERIALS SHALL BE USED.

A. BELOW-GRADE SUPPLY: COPPER OR PVC

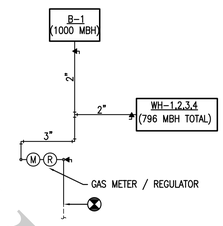
B. ABOVE-GRADE SUPPLY: COPPER

C. ABOVE-GRADE DWV: NO-HUB CAST IRON

D. BELOW-GRADE DWV: CAST IRON OR PVC

KEYED NOTES:

1. 1 ½" CW AND 1" HW UP TO SECOND FLOOR.
2. 4" SS FROM SECOND FLOOR. PROVIDE WCO AT BASE 18" AFF.
3. ROUTE PIPING IN FOOTPRINT OF CHASE ALL THE WAY UP TO THIRD FLOOR. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL.
4. 3" V UP TO SECOND FLOOR.
5. 2" V UP TO SECOND FLOOR.
6. 1" CW / 1" HW UP TO SECOND FLOOR.
7. 1" HWR UP TO SECOND FLOOR.
8. 1 ½" CW / 1 ¼" HW DOWN UP SECOND FLOOR. ROUTE ¾" CW/HW TO EACH WASHER BOX.
9. HD-1. INSTALLED IN SLAB FOR MECHANICAL EQUIPMENT DRAINAGE. COORDINATE LOCATION WITH MECHANICAL EQUIPMENT NEARBY.
10. 1 ½" CW / 1" HW / 3" V UP TO SECOND FLOOR.
11. ¾" RPZ-2 AND ¾" RPZ-3 (STACKED). INSTALL TO MAINTAIN CLEARANCE FOR WATER HEATERS. LOCATE 30" AFF. REFER TO MECHANICAL PLANS FOR ¾" CW ROUTING TO MECHANICAL EQUIPMENT.
12. 3" SS FROM SECOND FLOOR. PROVIDE WCO AT BASE 18" AFF.



2 NATURAL GAS RISER DIAGRAM

SCALE: NONE

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 13207 — NOAH D. KINDER — 10/30/2025

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

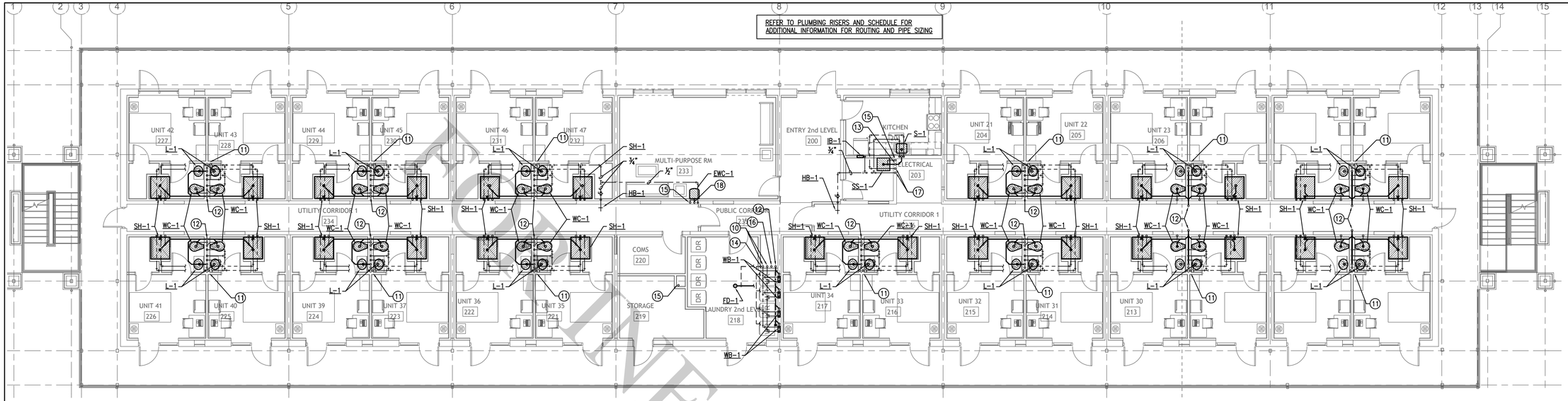
MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

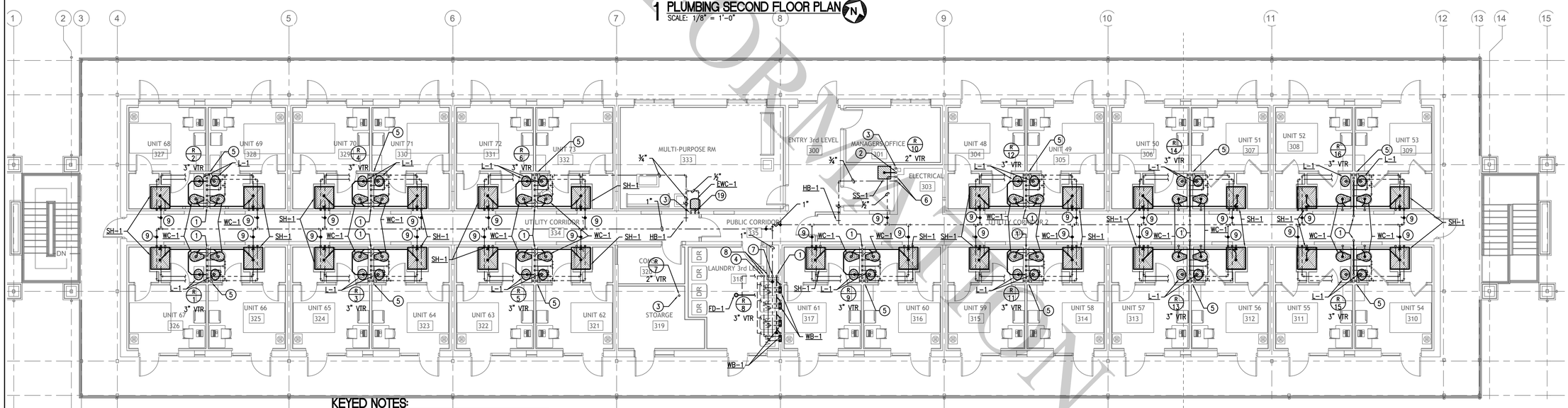
SHEET TITLE
PLUMBING PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: P201
DATE: 30 OCT 2025	
SCALE: AS NOTED	94 of 108

REFER TO PLUMBING RISERS AND SCHEDULE FOR ADDITIONAL INFORMATION FOR ROUTING AND PIPE SIZING



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



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

KEYED NOTES:

1. 4" SS DOWN TO SECOND FLOOR.
2. 3" SS DOWN TO SECOND FLOOR.
3. 2" V FROM SECOND FLOOR.
4. 3" V DOWN TO SECOND FLOOR.
5. 1 ½" CW / ¾" HW / ½" HWR / 3" V DOWN TO SECOND FLOOR.
6. ¾" CW / ¾" HW DOWN TO SECOND FLOOR.
7. 1" HWR DOWN TO SECOND FLOOR.
8. 1 ¼" CW / 1" HW DOWN TO SECOND FLOOR. ROUTE ¾" CW/HW TO EACH WASHER BOX.
9. ½" HWR ROUTED TO THE TOP OF THE THIRD FLOOR HW PIPING. CONNECT FOR RECIRULATION OF STACK.
10. 1 ¼" CW AND 1" HW DOWN FROM THIRD FLOOR. 1 ½" CW AND 1 ¼" HW DOWN TO FIRST FLOOR.
11. 1 ½" CW / ¾" HW / ½" HWR / 3" V UP TO THIRD FLOOR. 1 ½" CW / ¾" HW / ½" HWR / 3" V DOWN TO FIRST FLOOR.
12. 4" SS FROM THIRD FLOOR, 4" SS DOWN TO FIRST FLOOR.
13. 3" SS FROM THIRD FLOOR, 4" SS DOWN TO FIRST FLOOR.
14. 3" V FROM THIRD FLOOR, 3" V DOWN TO FIRST FLOOR.
15. 2" V FROM THIRD FLOOR, 2" V DOWN TO FIRST FLOOR.
16. 1" HWR FROM THIRD FLOOR, 1" HWR DOWN TO FIRST FLOOR.
17. ¾" CW / ¾" HW FROM THIRD FLOOR, 1" CW / ¾" HW DOWN TO FIRST FLOOR.
18. 2" SS FROM THIRD FLOOR, 3" SS DOWN TO FIRST FLOOR.
19. 2" SS DOWN TO SECOND FLOOR.

GENERAL NOTES

THE FOLLOWING MATERIALS SHALL BE USED.

A. BELOW-GRADE SUPPLY: COPPER OR PVC
B. ABOVE-GRADE SUPPLY: COPPER
C. ABOVE-GRADE DWV: NO-HUB CAST IRON
D. BELOW-GRADE DWV: CAST IRON OR PVC

0' 4' 8' 16'
SCALE: 1/8" = 1'-0"

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STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 13207 — NOAH D. KINDER — 10/30/2025

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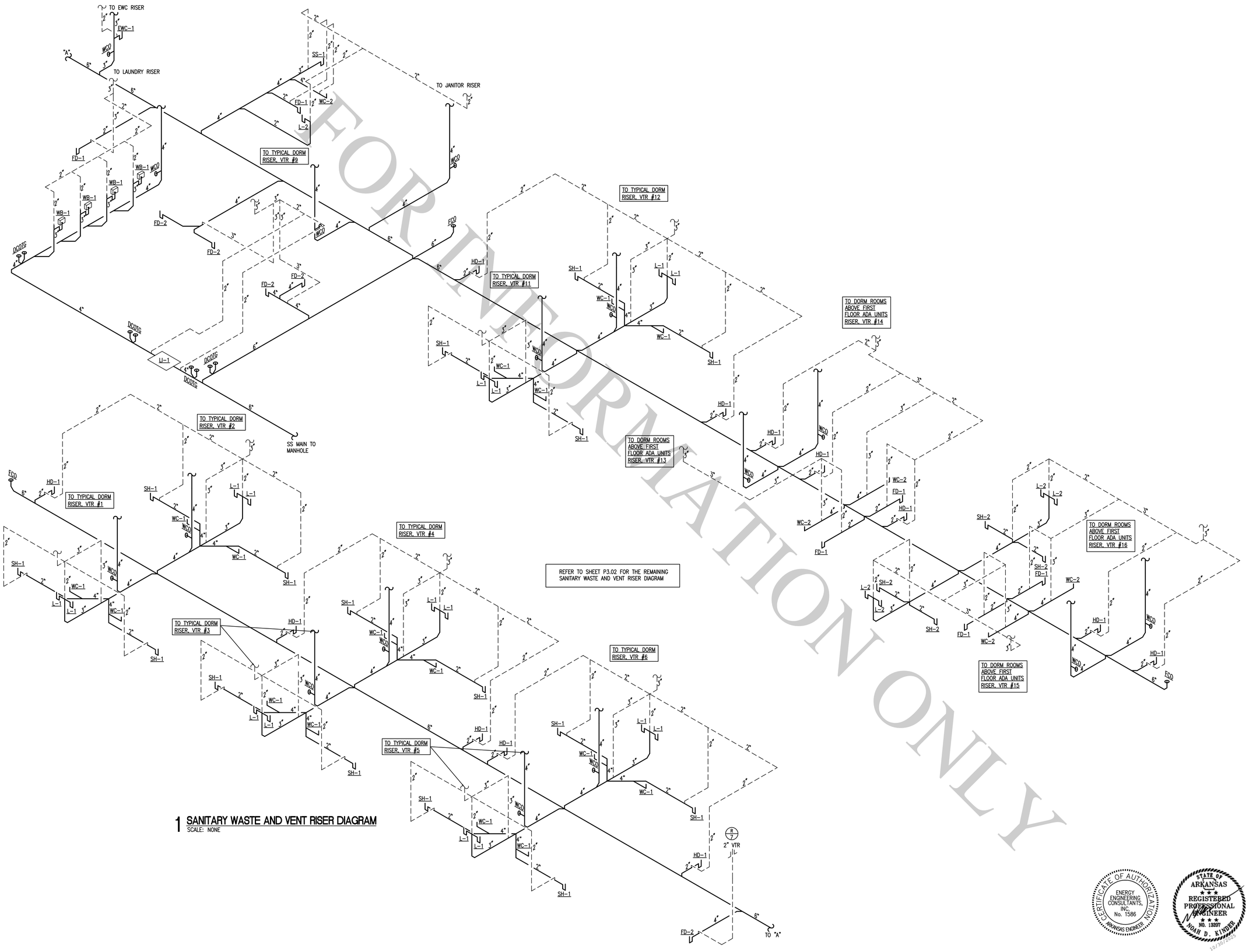
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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
PLUMBING PLAN

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: P202
DATE: 30 OCT 2025	95 of 108
SCALE: AS NOTED	



1 SANITARY WASTE AND VENT RISER DIAGRAM
SCALE: NONE

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

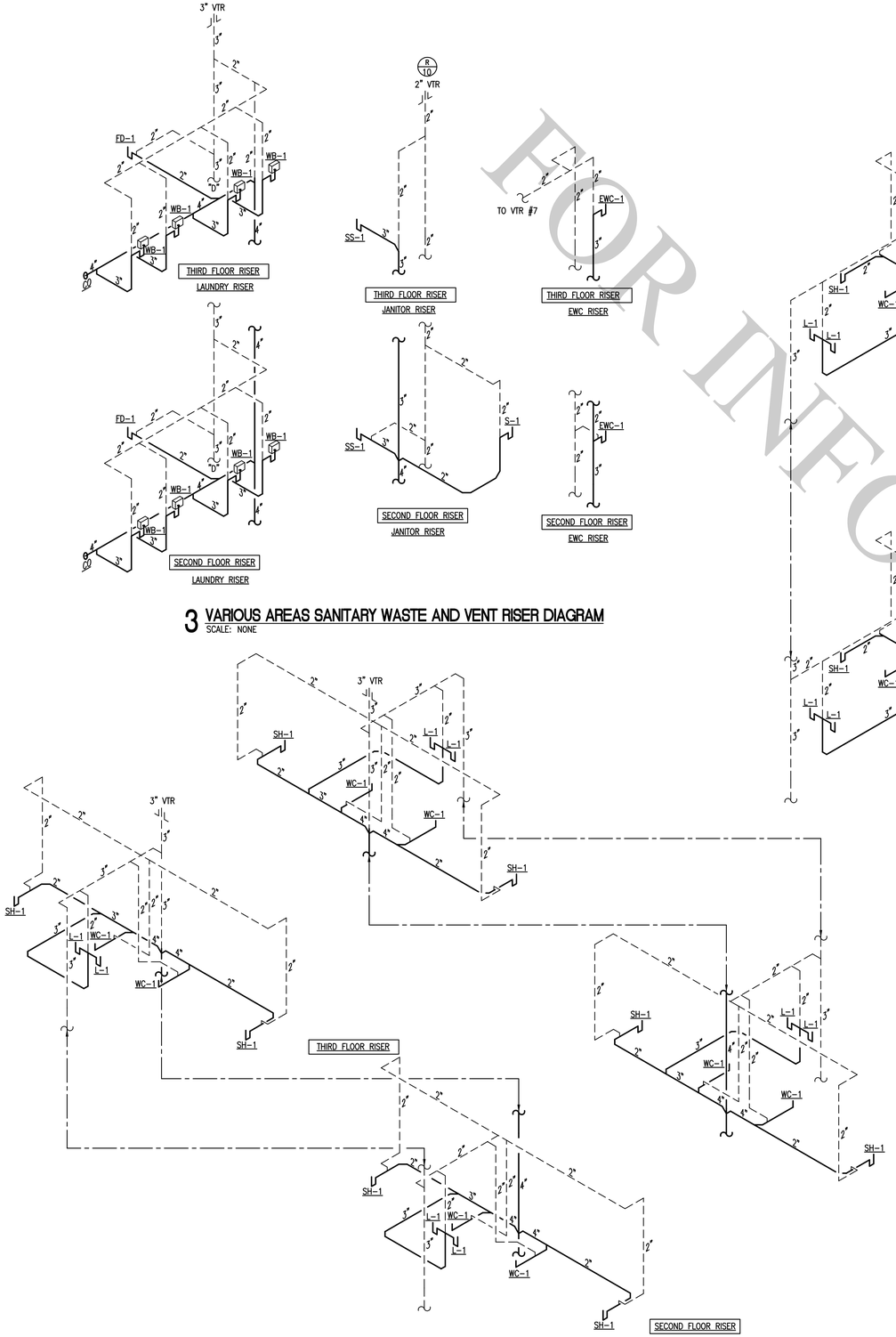
SHEET TITLE
PLUMBING RISERS

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: P301
DATE: 30 OCT 2025	
SCALE: AS NOTED	96 of 108

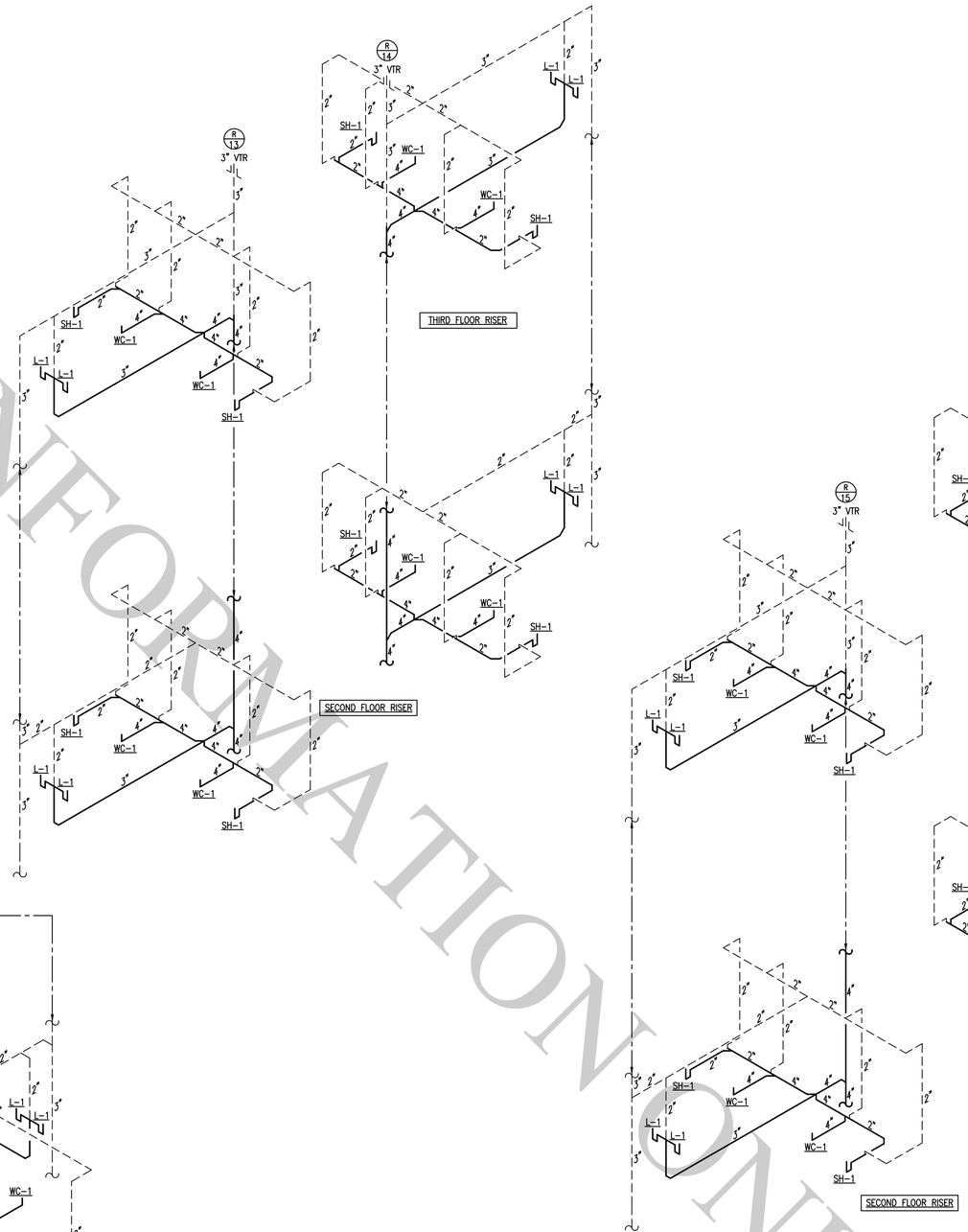
CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
No. 1586
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 13207
NOAH D. KINDER
10/30/2025

3 VARIOUS AREAS SANITARY WASTE AND VENT RISER DIAGRAM
SCALE: NONE



1 TYPICAL DORM ROOM SANITARY WASTE AND VENT RISER DIAGRAM
SCALE: NONE



2 DORM ROOMS ABOVE FIRST FLOOR ADA UNITS SANITARY WASTE AND VENT RISER DIAGRAM
SCALE: NONE

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

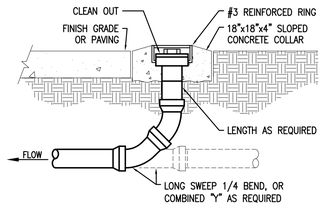
PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
PLUMBING RISERS

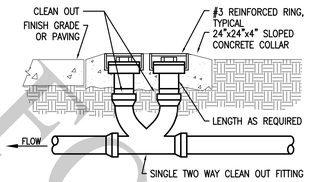
DRAWN BY	LEAD DESIGNER
EAS/NDK/ECT	NDK/ECT
TECH REVIEWER	PROJECT NUMBER
NDK/ECT	NKAK231001
DESIGNED BY	SHEET
NDK/ECT	P302
DATE	
30 OCT 2025	97 of 108
SCALE	
AS NOTED	

CERTIFICATE OF AUTHORIZATION
ENERGY ENGINEERING CONSULTANTS, INC.
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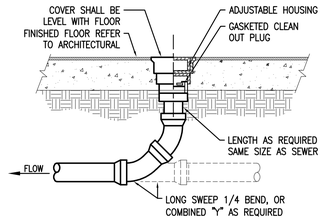
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NOAH D. KINDER
NO. 13207
10/30/2025



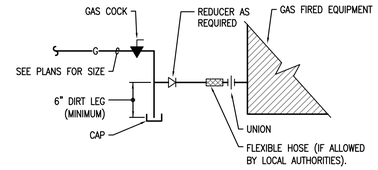
1 CLEAN OUT TO GRADE DETAIL
SCALE: NONE



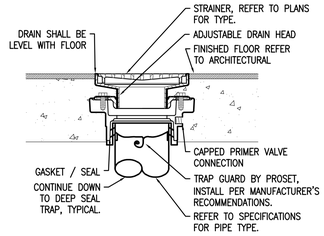
2 DOUBLE CLEAN OUT TO GRADE DETAIL
SCALE: NONE



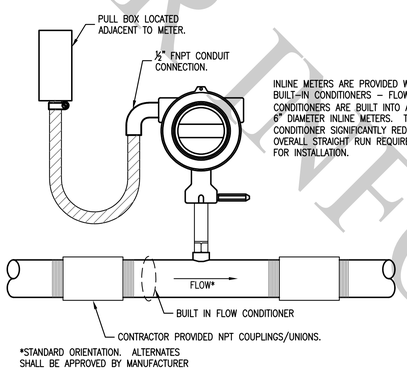
3 FLOOR CLEAN OUT (FCO) DETAIL
SCALE: NONE



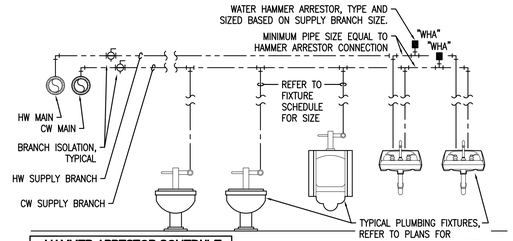
4 NATURAL GAS CONNECTION DETAIL
SCALE: NONE



5 TYPICAL FLOOR DRAIN DETAIL
SCALE: NONE



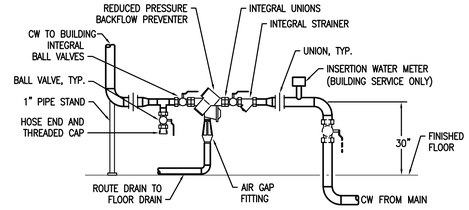
6 TYPICAL INLINE METER INSTALLATION
SCALE: NONE



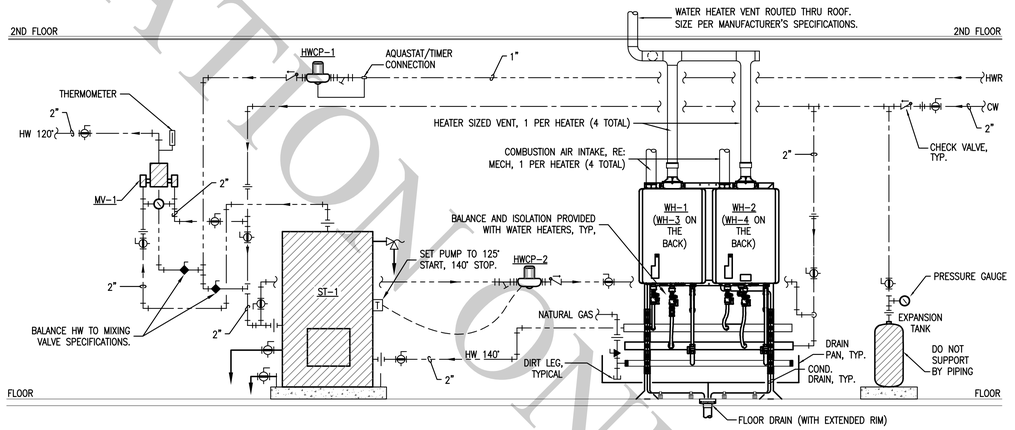
HAMMER ARRESTOR SCHEDULE			
SUPPLY BRANCH SIZE	P.D.I. STANDARD SYMBOL	HAMMER ARRESTOR CONNECTION	FIXTURE UNITS
1/2" – 1"	A	1/2"	1–11
1–1/4"	B	3/4"	12–32
1–1/2"	C	1"	33–60
2"	D	1"	61–113
2–1/2"	E	1"	114–154
3"	F	1"	155–330

NOTES:
1. ALL BATHROOM GROUPS SHALL INCLUDE A MINIMUM OF ONE CW ARRESTOR AND ONE HW ARRESTOR SIZED PER HAMMER ARRESTOR SCHEDULE. ADDITIONAL ARRESTORS SHALL BE INSTALLED WHERE INDICATED (P.D.I. SYMBOL INCLUDED ON PLANS).
2. ARRESTORS SHALL BE P.D.I. WH201 APPROVED AND CERTIFIED.
3. ARRESTORS SHALL HAVE WROUGHT COPPER SHELL WITH THREADED CONNECTIONS AND HYDRO-PNEUMATIC AIR CUSHION.

7 WATER HAMMER ARRESTOR DETAIL
SCALE: NONE



8 DOMESTIC WATER RPZ DETAIL
SCALE: NONE



9 GAS INSTANTANEOUS WATER HEATERS (LINKED) ON FREE STANDING RACK SYSTEM W/ STORAGE (LINKED) DETAIL
SCALE: NONE

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE
PLUMBING CONTROLS

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: P401
DATE: 30 OCT 2025	
SCALE: AS NOTED	98 of 108

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 13207 — NOAH D. KINDER — 10/30/2025

PLUMBING LEGEND

- POINT OF CONNECTION – NEW TO EXISTING
- EXISTING TO REMAIN,
- EXISTING TO BE REMOVED,
- DOMESTIC COLD WATER (CW)
- DOMESTIC HOT WATER (HW)
- DOMESTIC HOT WATER RETURN (HWR)
- SS — SANITARY SEWER
- SANITARY VENT
- AW — ACID WASTE
- AV — ACID VENT
- SD — STORM DRAIN
- G — NATURAL GAS
- V — MEDICAL GAS – VACUUM
- A — MEDICAL GAS – AIR
- O — MEDICAL GAS – OXYGEN
- NO — MEDICAL GAS – NITROUS OXIDE
- N — NITROGEN
- F — FIRE STANDPIPE / SPRINKLER PIPE
- ELBOW UP
- ELBOW DOWN
- TEE OUTLET UP
- TEE OUTLET DOWN
- CONCENTRIC REDUCER
- UNION
- STRAINER WITH BLOWDOWN VALVE
- GATE VALVE
- GLOBE VALVE
- BALL VALVE
- GAS VALVE
- OS&Y VALVE
- CHECK VALVE
- LEVER OPERATED BUTTERFLY VALVE
- GEAR OPERATED BUTTERFLY VALVE
- PRESSURE REDUCING VALVE
- BALANCING VALVE WITH DIFFERENTIAL PRESSURE TAPS
- REDUCED PRESSURE BACKFLOW PREVENTER
- HAMMER ARRESTOR
- CAP ON END LINE
- T&P RELIEF VALVE
- LINE CLEANOUT
- DOUBLE CLEANOUT TO GRADE (DCOTG)
- FLOOR CLEANOUT (FCO)
- PRESSURE GAUGE WITH GAUGE COCK
- THERMOMETER
- WATER METER
- GAS REGULATOR
- FLOW SWITCH
- PRESSURE SWITCH
- SIAMESE CONNECTION

GENERAL NOTES

A. ALL WORK MUST COMPLY WITH THE REQUIREMENTS OF LOCAL CODES, AMENDMENTS AND ORDINANCES. WHERE INSPECTIONS ARE REQUIRED BY AUTHORITIES HAVING JURISDICTION, WORK MUST NOT BE CONCEALED UNTIL INSPECTIONS AND TESTING ARE COMPLETED AND ACCEPTED.

B. ALL CONTRACT DOCUMENTS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT. DO NOT SCALE DRAWINGS.

C. INFORMATION AND COMPONENTS SHOWN ON DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, MUST BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.

D. ALL SYSTEMS INSTALLATION MUST MAINTAIN INTEGRITY OF WALLS, PARTITIONS AND FLOORS DESIGNATED AS EITHER FIRE RATED OR "SMOKE TIGHT". SEAL AROUND ALL PENETRATIONS THROUGH RATED OR SMOKE TIGHT ASSEMBLIES. COORDINATE W/ARCHITECTURAL PLANS AND GC.

E. REPLACE OR REPAIR ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK. REPAIR OR REPLACEMENT MUST, AS A MINIMUM, EQUAL ORIGINAL CONDITION. SPECIAL CARE MUST BE TAKEN ON THE ROOFS TO PREVENT DAMAGE. ANY DAMAGE MUST BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER. COMPLY WITH BONDING REQUIREMENTS OF THE ROOFING MANUFACTURER.

F. SEAL ALL ROOF AND WALL PENETRATIONS WATERTIGHT. FLASH AND COUNTER-FLASH ALL ROOF PENETRATIONS. MINIMUM ACCEPTABLE HEIGHT OF FLASHING IS TWELVE (12) INCHES ABOVE ROOF.

G. PROVIDE PRESSURE REDUCERS IN WATER SUPPLY LINES TO KEEP PRESSURE BELOW 60 PSI AT ALL OUTLETS. MINIMUM PRESSURE ACCEPTABLE AT WATER OUTLETS IS 25 PSI AT DIRECT SUPPLY FLUSH VALVES, AND 8 PSI AT ALL OTHER OUTLETS. PROVIDE PRESSURE REDUCING VALVE (REGULATOR) AT DOMESTIC WATER SERVICE ENTRANCE, AS REQUIRED.

H. ALL PLUMBING WORK MUST BE INSTALLED HIGH AS POSSIBLE SO AS TO MAINTAIN THE MAXIMUM POSSIBLE CLEARANCE ABOVE FINISHED FLOOR.

I. CONTRACTOR MUST VERIFY UTILITIES LOCATIONS AND INVERTS WITH EXISTING PRIOR TO PLACEMENT OF SERVICES. ALL SYSTEMS MUST BE INSTALLED AS PER SPECIFICATIONS AND GOVERNING CODES.

J. WHEN PIPING FIVE (5) INCH DIAMETER AND OVER IS SUPPORTED FROM BAR JOISTS, EACH HANGER IS TO BE SUPPORTED BY AT LEAST TWO JOISTS BY MEANS OF SUPPLEMENTAL STEEL TO SPAN BETWEEN ADJACENT JOISTS. PIPING SIX (6) INCH DIAMETER AND OVER MUST ADDITIONALLY BE SUPPORTED FROM TOP CHORD OF STRUCTURE. KEEP PIPING THIS SIZE WITHIN 5' OF COLUMN LINES UNLESS OTHERWISE INDICATED.

K. ALL PIPE DROPS FROM ABOVE TO BELOW FLOOR MUST BE MADE IN FURR-OUTS AT COLUMNS, IN WEB OF BEAMS AT COLUMNS, OR IN WALLS UNLESS SHOWN OTHERWISE.

L. PROVIDE SHUT-OFF VALVES AT ALL BRANCH WATER LINES, AND AT ALL BRANCHES IN WATER LINES TO INDIVIDUAL FIXTURES, GROUPS OF FIXTURES OR HOSE BIB. PROVIDE VALVE ABOVE CEILING IN BRANCH SERVING EACH WALL HYDRANT (IF APPLICABLE). INSTALL VALVES IN ACCESSIBLE LOCATIONS.

M. PROVIDE WATER HAMMER ARRESTORS (WHA) AT END OF CW LINE RUNS. PROVIDE ACCESS TO ARRESTORS VIA ACCESS PANELS, ETC.

N. PROVIDE STOP VALVES AT EVERY FIXTURE ON BOTH HOT AND COLD WATER SUPPLY LINES. VALVES, ESCUTCHEONS, FITTINGS, ETC. MUST BE CHROMIUM PLATED. WHERE EXPOSED IN FINISHED AREAS, CHROME PLATED PIPE IS TO BE USED.

O. PROVIDE CLEANOUTS IN ALL SANITARY, STORM DRAINAGE & OVERFLOW LINES, WHETHER SHOWN OR NOT, AT INTERVALS NOT TO EXCEED 50 FEET, AT EACH CHANGE IN DIRECTION OF 45 DEGREES AND GREATER, AND ON ALL VERTICAL RISERS AT A HEIGHT OF 30" ABOVE FINISHED FLOOR AT THE BASE OF EACH STACK.

P. ALL EXPOSED OR ACCESSIBLE P-TRAPS MUST BE PROVIDED WITH BOTTOM CLEANOUT PLUGS.

Q. MAINTAIN A MINIMUM OF 15'-0" BETWEEN ALL KNOWN FRESH AIR INTAKES AND PLUMBING VENTS FLUES, ETC. OFFSET PLUMBING VENTS BELOW ROOF AS REQUIRED TO MAINTAIN MINIMUM CLEARANCES. COORDINATE WITH ALL OTHER CONTRACTORS ON SITE.

R. ALL SANITARY SEWER LINES 3" DIA AND LESS ARE TO BE RUN AT 1/4"/FT. MINIMUM. ALL OTHERS SLOPE AT 1/8"/FT MINIMUM. UNLESS OTHERWISE INDICATED.

S. ALL HORIZONTAL STORM DRAIN (SD) LINES INSIDE BUILDINGS ARE TO SLOPE AT 1/8"/FT UNLESS OTHERWISE INDICATED. EXTERIOR BELOW GRADE STORM DRAINS ARE TO SLOPE AT 1/4"/FT UNLESS OTHERWISE INDICATED.

T. INSULATE ALL WATER LINES ABOVE FLOOR. INSULATE ALL HORIZONTAL STORM LINES (INCLUDING OVERFLOW LINES) ABOVE FLOOR. INSULATE ALL WATER LINES CARRYING HVAC CONDENSATE OR DRAINS FROM ICE MACHINES AND OTHER "REFRIGERATION EQUIPMENT".

U. PROVIDE 8 INCH WATER COLUMN MINIMUM GAS SYSTEM TO ALL GAS FIRED EQUIPMENT, UNLESS HIGHER PRESSURE IS REQUIRED BY EQUIPMENT (VERIFY WITH MANUFACTURER). MINIMUM REQUIREMENTS TO COMPLY WITH A.G.A. STANDARDS, HOWEVER, UNDER NO CIRCUMSTANCES ARE GAS LINES TO BE RUN INSIDE THE BUILDING WHICH CONTAIN GAS PRESSURES OF 5 PSI OR ABOVE.

V. PROVIDE SHUT_OFF COCK, 6 INCH DIRT LEG, AND UNION IN GAS LINE AT ALL CONNECTIONS TO GAS BURNING EQUIPMENT, INCLUDING ROOF TOP EQUIPMENT, IF APPLICABLE. UNIONS MUST BE DIELECTRIC TYPE IF EQUIPMENT CONNECTION AND GAS PIPE ARE OF DIFFERENT METALS.

W. PROVIDE ANODES ON GAS PIPING AS REQUIRED BY LOCAL UTILITY. PROVIDE ALL EQUIPMENT AT GAS METER AS REQUIRED BY LOCAL UTILITY.

PLUMBING FIXTURE ROUGH-IN SCHEDULE / SPECIFICATIONS

DESIGNATION	DESCRIPTION	SAN.	VENT	C.W.	H.W.	MOUNTING	REFERENCE PRODUCT	COMMENTS
L-1	LAVATORY	2"	1-1/2"	1/2"	1/2"	COUNTER	BRYANT K-2599-1 OVAL DROP IN SINK, W/ CHROME P-TRAP, AND MCGUIRE 2165 SUPPLIES. KOHLER HINT K-97060-4 FAUCET WITH VIBRANT BRUSH NICKEL FINISH AND VANDAL RESISTANT AERATOR.	MOUNT IN ARCHITECTURAL COUNTERTOP.
L-3	ADA LAVATORY	2"	1-1/2"	1/2"	1/2"	WALL	AMERICAN STANDARD 0355.012 "LUCERNE", WALL MOUNT, WHITE VITREOUS CHINA, W/ CHROME WHEELCHAIR P-TRAP, GRID DRAIN, MCGUIRE 2165 SUPPLIES. DELTA 501-LF-WF LEAD FREE COMPLIANT SINGLE LEVER CHROME PLATED CAST BRASS FAUCET WITH COPPER CONNECTORS AND VANDAL RESISTANT AERATOR.	MIN. RIM HEIGHT 15" AFF. BEMIS 2155SSCT WHITE ELONGATED ANTI-MICROBIAL SEAT, WITH SELF-SUSTAINING CHECK HINGE, SS POSTS AND PINTLES, AND STA-TITE COMMERCIAL FASTENING SYSTEM.
WC-1	WATER CLOSET	4"	2"	1/2"	---	FLOOR	AMERICAN STANDARD 2234.001 "MADERA", ELONGATED BOWL, FLOOR MOUNT, WHITE VITREOUS CHINA, SIPHON JET, TOP SPUD, BOLT CAPS. SLOAN ROYAL FLUSH VALVE, 1.6 GPF MAX.	MIN. RIM HEIGHT 15" AFF. BEMIS 2155SSCT WHITE ELONGATED ANTI-MICROBIAL SEAT, WITH SELF-SUSTAINING CHECK HINGE, SS POSTS AND PINTLES, AND STA-TITE COMMERCIAL FASTENING SYSTEM.
WC-2	ADA WATER CLOSET	4"	2"	1/2"	---	FLOOR	AMERICAN STANDARD 3043.001 "MADERA", ELONGATED BOWL, FLOOR MOUNT, WHITE VITREOUS CHINA, SIPHON JET, TOP SPUD, BOLT CAPS. SLOAN ROYAL FLUSH VALVE, 1.6 GPF MAX.	MOUNT TO ADA REQUIREMENTS, MIN. RIM HEIGHT 17" AFF. BEMIS 2155SSCT WHITE ELONGATED ANTI-MICROBIAL SEAT, WITH SELF-SUSTAINING CHECK HINGE, SS POSTS AND PINTLES, AND STA-TITE COMMERCIAL FASTENING SYSTEM.
SH-1	SHOWER	2"	2"	3/4"	3/4"	FLOOR	FIAT MONTEREY 4232-MFTR SHOWER PAN WITH QUICK DRAIN CONNECTION. (42" x 32"), POLISHED CHROME REMOVABLE STRAINER GRID DRAIN.	SYMMONS 9601-PLR SHOWER TRIM WITH TEMPTROL PRESSURE BALANCING SHOWER VALVE. PROVIDE WITH INTEGRAL SERVICE STOPS. BOLT-THRU CURTAIN ROD W/ VINYL ANTI-MICROBIAL WHITE SHOWER CURTAIN AND ALL TRIM TO BE SPECIFIED BY ARCHITECT.
SH-2	ADA SHOWER	2"	2"	3/4"	3/4"	FLOOR	ACORN ENGINEERING SBADA-6036-3F ROLL-IN SHOWER BASE. (60" x 30") W/ GRAB BARS, FOLD DOWN SEAT. POLISHED CHROME REMOVABLE STRAINER GRID DRAIN.	SYMMONS 9605-PLR SHOWER TRIM WITH TEMPTROL PRESSURE BALANCING SHOWER VALVE AND SYMMONS DUAL OUTLET DIVERTER VALVE. HAND SHOWER WITH HOSE, 36" SS BAR WITH ADA SLIDE. PROVIDE WITH INTEGRAL SERVICE STOPS. BOLT-THRU CURTAIN ROD W/ VINYL ANTI-MICROBIAL WHITE SHOWER CURTAIN AND ALL TRIM TO BE SPECIFIED BY ARCHITECT.
SS-1	JANITOR'S SINK	3"	2"	3/4"	3/4"	WALL	ELKAY ESS-2319 SERVICE SINK, 14 GA. 304 STAINLESS STEEL, WALL MOUNT, WITH FULL BACKSPLASH, ROLLED EDGES, AND SATIN FINISH. CHICAGO FAUCETS 445-PVBCP WALL MOUNTED 3 3/8" BODY, ADJUSTABLE ARMS 3" – 8 3/8" HOT AND COLD WATER SINK FAUCET, CHROME PLATED SOLID BRASS CONSTRUCTION. RIGID SPOUT AND MALE HOSE THREAD, PAIL HOOK, AND WALL BRACE. LEVER HANDLES, REBUILDABLE COMPRESSION CARTRIDGE. OFFSET SUPPLY ARM WITH INTEGRAL CHECK AND SHUT-OFF STOP WITH NPT FEMALE THREAD INLET. SPILL RESISTANT PRESSURE VACUUM BREAKER, SECONDARY CONTROL VALVE.	PROVIDE WITH WALL HANGER AND STAINLESS STEEL SUPPORT BRACKETS. PROVIDE WITH STANDARD ELKAY MODEL LK173 FLOOR-MOUNTED CAST IRON P-TRAP WITH FRONT CLEANOUT PLUG.
S-1	SINGLE COMPARTMENT SINK	2"	2"	1/2"	1/2"	COUNTER	ELKAY LR-2219, 16"x16"x7-1/2"D BOWL, 18 GA. STAINLESS STEEL, CENTER OUTLET, W/ CHROME P-TRAP, MCGUIRE 2165 SUPPLIES. DELTA MODEL 100LF-HDF SINGLE LEVER FAUCET W/ 8" SWING SPOUT.	MOUNT IN ARCHITECTURAL COUNTERTOP. PROVIDE WITH REMOVABLE STRAINER BASKET.
WH-1,2,3,4	GAS FIRED INSTANTANEOUS WATER HEATERS ON RACK SYSTEM (LINKED)	---	---	1 1/2"	1 1/2"	RACK	RINNAI TRS04CUIN 4 UNIT INTERIOR FREE STANDING RACK SYSTEM, 199 MBH INPUT EACH (796 MBH TOTAL). RACK TO INCLUDE 4 WATER HEATERS WITH SPACE FOR FURUTRE. NO EQUAL. 4.2 GPM RECOVERY AT 90°F RISE, WITH WATER FLOW SENSOR, ELECTRONIC WATER CONTROL, BYPASS CONTROL, RECIRC PUMP CONTROL, ISOLATION VALVE PACKAGE, 6 FT. POWER CORD, AND ASME T&P RELIEF VALVE. 120V / 64 WATTS. MINIMUM ACTIVATION FLOW RATE 0.4 GPM.	PROVIDE MANUFACTURER'S INTAKE AND COMBUSTION AIR VENT PIPING CONCENTRIC VENT KIT. PROVIDE MC-100V-1US CONTROLLER AND CONTROLLER CABLE. FOLLOW MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS FOR CHAIN LINKING WATER HEATERS. PROVIDE WITH 3 YEAR COMMERCIAL WARRANTY. PROVIDE FACTORY START UP AND OWNER TRAINING.
ST-1	HOT WATER STORAGE TANK	---	---	1"	1"	FLOOR	RHEEM ST120(A) 120 GALLON VERTICAL STORAGE TANK.	INSTALL ON CONCRETE HOUSEKEEPING PAD / WATER HEATER PLATFORM. PROVIDE CATCH PAN. ROUTE CATCH PAN DRAIN FULL SIZE (3/4" MINIMUM) TO JAN. SINK / DRAIN.
HWCP-1	HOT WATER CIRCULATOR PUMP	---	---	---	1"	SUSPENDED	TACO MODEL 0011-SF4 CIRCULATING PUMP, 120V, 1/8 HP, 1" FLANGED CONNECTIONS. 8 GPM AT 12 FEET HEAD.	INSTALL VERTICALLY IN PIPING RISER. PROVIDE ISOLATION VALVES, PLUG SET, TIMER, AND AQUASTAT PACKAGE.
HWCP-2	HOT WATER CIRCULATOR PUMP	---	---	---	1"	SUSPENDED	TACO MODEL 0011-SF4 CIRCULATING PUMP, 120V, 1/8 HP, 1" FLANGED CONNECTIONS. 8 GPM AT 12 FEET HEAD.	INSTALL VERTICALLY IN PIPING RISER. PROVIDE ISOLATION VALVES, PLUG SET, TIMER, AND AQUASTAT PACKAGE.
MV-1	MIXING VALVE	---	---	2"	2"	SUSPENDED	LEONARD MODEL TM-2020B-LF-DT LEAD FREE THERMOSTATIC WATER MIXING VALVE (2" INLETS, 2" OUTLET), 85 GPM FLOW AT 10 PSI PRESSURE DROP, SOLID BI-METAL THERMOSTAT, COLOR-CODED DIALS, LOCKING TEMPERATURE REGULATOR HANDLES, ADJUSTABLE LIMIT STOPS, INTEGRAL HOT AND COLD SUPPLY CHECKSTOPS, OUTLET BALL VALVE SHUTOFFS, COLOR-CODED DIAL THERMOMETER, INLET PIPING MANIFOLD, ROUGH BRONZE FINISH, ASSE 1017 LISTED.	FACTORY PRE-ASSEMBLED AND TESTED. SET TO 120°F DISCHARGE.
RPZ-1	REDUCED PRESSURE BACKFLOW PREVENTER	---	---	3"	---	WALL	WATTS MODEL LF009 LEAD FREE REDUCED PRESSURE BACKFLOW PREVENTERS 3" SIZE. PROVIDE INLET STRAINERS, ISOLATION BALL VALVES, AND 4 TEST PORTS.	MOUNT IN DOMESTIC WATER SERVICE LINE, LOWER RPZ MINIMUM 18" AFF. ROUTE FULL SIZE DISCHARGES THRU AIR GAP FITTING TO JAN. SINK OR DRAIN PROVIDED.
RPZ-2 RPZ-3	REDUCED PRESSURE BACKFLOW PREVENTER	---	---	3/4"	---	WALL	WATTS MODEL LF919 LEAD FREE REDUCED PRESSURE BACKFLOW PREVENTER, 3/4" SIZE. PROVIDE INLET STRAINER, ISOLATION BALL VALVES, AND 4 TEST PORTS.	MOUNT IN DOMESTIC WATER SERVICE LINE, LOWER RPZ MINIMUM 18" AFF. ROUTE FULL SIZE DISCHARGES THRU AIR GAP FITTING TO JAN. SINK OR DRAIN PROVIDED.
FD-1	FLOOR DRAIN	2"	2"	---	---	FLOOR	PROSET MODEL T25630-F-P FLOOR DRAIN, 2" OUTLET, 5" DIAMETER NICKEL BRONZE TOP, WITH INTEGRAL TRAP GUARD, AND ADJ. COLLAR.	PROVIDE WITH DEEP SEAL TRAP AND TRAP GUARD.
FD-2	FLOOR DRAIN	4"	2"	---	---	FLOOR	PROSET MODEL T45630-F-P FLOOR DRAIN, 4" OUTLET, 5" DIAMETER NICKEL BRONZE TOP, WITH INTEGRAL TRAP GUARD, AND ADJ. COLLAR.	PROVIDE WITH DEEP SEAL TRAP AND TRAP GUARD.
HD-1	HUB DRAIN	2"	2"	---	---	FLOOR	WATTS MODEL FD-100-DD, 2" FLOOR DRAIN WITH HUB FUNNEL. EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY AND SECONDARY WEEPHOLES, ADJUSTABLE CAST IRON HUB FUNNEL, AND NO HUB (STANDARD) OUTLET.	PROVIDE WITH DEEP SEAL TRAP AND INSTALL TRAP GUARD BY PROSET.
EWC-1	ELECTRIC WATER COOLER WITH BOTTLE FILLER	1-1/2"	1-1/2"	1/2"	---	WALL	ELKAY MODEL LZS8WWP WALL MOUNT, BARRIER FREE COOLER WITH BOTTLE FILLING STATION. 8 GPH OF 50°F WATER. FRONT AND SIDE EASY TOUCH CONTROLS, SS BASIN / SHROUDS, EASY-FLEX BUBBLER, 120V / 3.7A.	MOUNT WITH BUBBLER OUTLET AT 32" AFF. MOUNT TO ADA REQUIREMENTS. PROVIDE WALL CARRIER AND 5 YEAR WARRANTY ON COMPRESSOR.
WB-1	WASHER BOX	2"	2"	3/4"	3/4"	WALL / RECESSED	GUY GRAY MODEL FB-200. 10"x9"x3.5" BOX. PROVIDE WITH TWO 1/2" HOSE BIBBS, 2" TRAP, AND DRAIN WITH EXTENDED TAILPIECE.	CONTRACTOR TO MAKE ALL CONNECTIONS. APPLIANCE BY OTHERS.
IB-1	ICEMAKER BOX	---	---	1/2"	---	WALL / RECESSED	GUY GRAY MODEL #BIM875, 10"x8"x3.5" BOX. PROVIDE WITH 1/2" F.I.P. INLET AND 1/4" O.D. COMPRESSION OUTLET ANGLE VALVE.	CONTRACTOR TO MAKE ALL CONNECTIONS. APPLIANCE BY OTHERS.
LI-1	LINT INTERCEPTOR	4"	---	---	---	BELOW GRADE	WADE XXXX, FABRICATED STEEL LINT INTERCEPTOR WITH GASKETED COVER, STAINLESS STEEL PRIMARY FIXED FILTER, STAINLESS STEEL SECONDARY REMOVABLE FILTER, THREADED INLET/OUTLET & EPOXY COATING.	CONSTRUCTION SHALL BE HEAVY DUTY TRAFFIC GRADE. INSTALL WITH HATCH AT GRADE LEVEL
FPWH	FREEZE PROOF WALL HYDRANT	---	---	3/4"	---	EXTERIOR	WOODFORD MODEL 67 BACKFLOW PROTECTED WALL HYDRANT, EXPOSED, NON-FREEZE, AUTO. DRAINING, ANTI-SIPHON. ALL BRONZE INTERNALS WITH CHROME PLATED FACE AND LOOSE KEYED OPERATOR.	COORDINATE INSTALLATION WALL THICKNESS PRIOR TO ORDERING. PROVIDE SHUT-OFF VALVE IN SUPPLY LINE TO HYDRANT.
HB-1	HOSE BIBB	---	---	3/4"	---	INTERIOR WALL	WOODFORD MODEL RB67 BACKFLOW PROTECTED WALL HYDRANT, LOOSE KEY OPERATED, FLUSH MOUNTED IN CHROME PLATED SILICON BRASS BOX WITH DOOR.	INSTALL OUTLET AT 24" AFF. LOOSE TEE KEY SHALL OPERATE BOTH HYDRANT BOX DOOR AND HYDRANT VALVE.

FOR INFORMATION ONLY

CERTIFICATE OF AUTHORIZATION — ENERGY ENGINEERING CONSULTANTS, INC. No. 1586 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 13207 — NOAH D. KINDER — 10/30/2025

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY
A-PP3			

PROJECT TITLE: LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: PLUMBING SCHEDULES

DRAWN BY: EAS/NDK/ECT	LEAD DESIGNER: NDK/ECT
TECH REVIEWER: NDK/ECT	PROJECT NUMBER: NKAK231001
DESIGNED BY: NDK/ECT	SHEET: P501
DATE: 30 OCT 2025	
SCALE: AS NOTED	99 of 108

SYMBOL LEGEND

FIRE ALARM/MASS NOTIFICATION SYSTEM

- (F) MANUAL PULL STATION. WALL MOUNT AT 48" A.F.F. TO CENTERLINE OF BOX.
- SPEAKER AND STROBE UNIT, WALL MOUNTED. STROBE SHALL HAVE WHITE CASE WITH CLEAR STROBE, WITH "ALERT" PRINTED IN RED. MOUNT 80" A.F.F. TO BOTTOM OF BOX.
- SPEAKER ONLY UNIT, WALL MOUNTED. MOUNT 80" A.F.F. TO BOTTOM OF BOX.
- STROBE ONLY UNIT, WALL MOUNTED. MOUNT 80" A.F.F. TO BOTTOM OF BOX.
- SPEAKER AND STROBE UNIT, CEILING MOUNTED. STROBE SHALL HAVE WHITE CASE WITH CLEAR STROBE, WITH "ALERT" PRINTED IN RED.
- (SP) SPEAKER ONLY UNIT, CEILING MOUNTED.
- WP WEATHERPROOF SPEAKER, BULLHORN TYPE.
- STS STATIC TEXT SIGN (NON-SCROLLING)
- (SD) AREA SMOKE DETECTOR, WALL MOUNTED.
- (SD) AREA SMOKE DETECTOR, CEILING MOUNTED.
- (D) DUCT SMOKE DETECTOR
- (CM) CARBON MONOXIDE DETECTOR
- (TS) TAMPER SWITCH
- (FS) FLOW SWITCH
- ▼ FIRE SPRINKLER, SHOWN FOR REFERENCE ONLY ON THIS PLAN.

GENERAL NOTES

A. DEMOLISH ALL COMPONENTS OF THE EXISTING FIRE ALARM AND MASS NOTIFICATION SYSTEM WITHIN THE BUILDING. NONE OF THE EXISTING DEVICES, PANELS, WIRING, CONDUIT, OR ANY OTHER APPURTENANCES OF THE EXISTING FIRE ALARM AND MASS NOTIFICATION SYSTEM SHALL BE RE-USED. ALL FIRE ALARM AND MASS NOTIFICATION DEVICES, PANELS, WIRING, CONDUIT, AND ALL OTHER APPURTENANCES OF BUILDING'S FIRE ALARM AND MASS NOTIFICATION SYSTEM SHALL BE NEW.

B. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH NFPA 72, THE NATIONAL FIRE ALARM CODE.

C. REFER TO LIFE SAFETY SHEET "LS-101" FOR FIRE EXTINGUISHER LOCATIONS.

KEYED NOTES

1. PROVIDE THE FIRE ALARM/MASS NOTIFICATION CONTROL PANEL (FMCP) AT THIS LOCATION.
2. PROVIDE THE RADIO TRANSCEIVER AT THIS LOCATION.
3. PROVIDE AN "LOC" (LOCAL OPERATING CONSOLE) AS SPECIFIED AT THIS LOCATION.
4. PROVIDE A DUCT SMOKE DETECTOR WITHIN THE SUPPLY DUCT OF ENERGY RECOVERY UNIT "ERAHU-1" AS SHOWN.
5. PROVIDE A CARBON MONOXIDE DETECTOR IN THIS ROOM CONTAINING BOILER "B-1".
6. GENERAL CONTRACTOR SHALL PROVIDE A "KNOX BOX" AT THIS LOCATION. KNOX MODEL 3274 WITH KNOX E KEY IS REQUIRED.
7. PROVIDE A STATIC LED TEXT SIGN AT THIS LOCATION. TEXT SIGN SHALL INDICATE EITHER "ANNOUNCEMENT" OR "EVACUATE". MOUNT SIGN ABOVE THE EXIT DOOR.

KEYED NOTES (cont'd)

8. PROVIDE A SMOKE DETECTOR ABOVE THE FIRE ALARM/MASS NOTIFICATION PANEL.
9. THE FIRE ALARM & MASS NOTIFICATION SYSTEM SHALL MONITOR THE FOLLOWING SWITCHES AND VALVES IN THE FIRE SPRINKLER RISER:

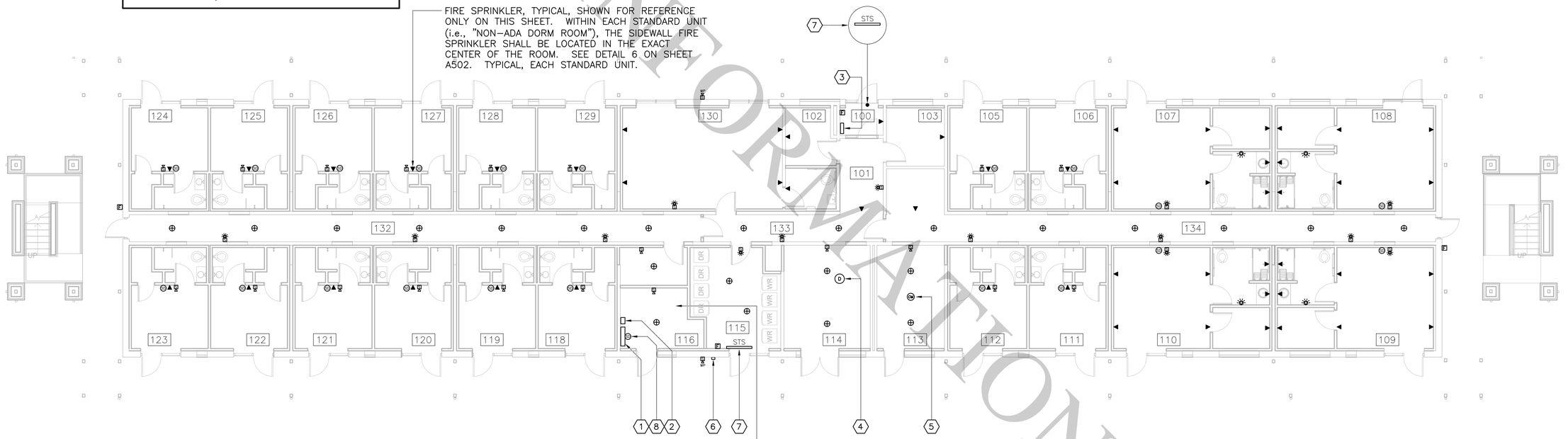
   A. TAMPER SWITCHES FOR THE FOLLOWING:
      1. PIV (POST INDICATOR VALVE);
      2. FIRE SPRINKLER BACKFLOW PREVENTER;
      3. MAIN CONTROL VALVE;
      4. FIRST FLOOR FIRE SPRINKLER ISOLATION VALVE;
      5. SECOND FLOOR FIRE SPRINKLER ISOLATION VALVE;
      6. THIRD FLOOR FIRE SPRINKLER ISOLATION VAVLE
      7. VALVE FOR THE "TEST HEADER".

   B. FLOW SWITCHES FOR THE FOLLOWING:
      1. FIRE SPRINKLER MAIN;
      2. FIRST FLOOR FIRE SPRINKLER ISOLATION LINE;
      3. SECOND FLOOR FIRE SPRINKLER ISOLATION LINE;
      4. THIRD FLOOR FIRE SPRINKLER ISOLATION LINE.

THE FIRE ALARM/MASS NOTIFICATION PANEL SHALL MONITOR THESE SWITCHES AND SHALL PERFORM THE ACTIONS AS SPECIFIED AND AS DESCRIBED ON THESE DRAWINGS.

FOR INFORMATION ONLY

FIRE SPRINKLER, TYPICAL, SHOWN FOR REFERENCE ONLY ON THIS SHEET. WITHIN EACH STANDARD UNIT (i.e., "NON-ADA DORM ROOM"), THE SIDEWALL FIRE SPRINKLER SHALL BE LOCATED IN THE EXACT CENTER OF THE ROOM. SEE DETAIL 6 ON SHEET A502. TYPICAL, EACH STANDARD UNIT.



SEQUENCE OF OPERATION
FIRE ALARM/MASS NOTIFICATION SYSTEM

ACTION \ INITIATION	MANUAL PULL STATION	AREA SMOKE DETECTOR	DUCT SMOKE DETECTOR	FIRE SPRINKLER SYSTEM MAIN FLOW SWITCH OR ZONE FLOW SWITCH	FIRE SPRINKLER SYSTEM TAMPER SWITCHES	SHORT CIRCUIT	GROUND FAULT	MNS ACTIVATION	MNS MICROPHONE	MNS PRE-RECORDED MESSAGE	LOST POWER	LOW BATTERY
ACTIVATE ALL FIRE ALARM/MASS NOTIFICATION SYSTEM SPEAKERS & STROBES	x	x	x	x				x	x	x		
DISPLAY ALARM INDICATION AT FIRE ALARM/MASS NOTIFICATION CONTROL PANEL	x	x	x	x								
TRANSMIT ALARM SIGNAL TO THE BASE FIRE DEPARTMENT BY RADIO TRANSCEIVER	x	x	x	x								
RECORD INFORMATION ON CPU	x	x	x	x	x	x	x	x	x	x	x	x
SEND SIGNAL TO HVAC DDC SYSTEM FOR AHU SHUTDOWN AND OTHER APPROPRIATE ACTIONS (SEE MECHANICAL)			x	x								
DISPLAY SUPERVISORY CONDITION AT THE FIRE ALARM/MASS NOTIFICATION CONTROL PANEL					x							
TRANSMIT SUPERVISORY SIGNAL TO THE BASE FIRE DEPARTMENT BY RADIO TRANSCEIVER					x							
DISPLAY TROUBLE CONDITION AT THE FIRE ALARM/MASS NOTIFICATION CONTROL PANEL						x	x				x	x
TRANSMIT TROUBLE SIGNAL TO THE BASE FIRE DEPARTMENT BY RADIO TRANSCEIVER						x	x				x	x

- (TS) FIRE SPRINKLER BACKFLOW PREVENTER VALVES
- (TS) MAIN CONTROL VALVE
- (TS) FIRST FLOOR FIRE SPINKLER ISOLATION VALVE
- (TS) SECOND FLOOR FIRE SPRINKLER ISOLATION VALVE
- (TS) THIRD FLOOR FIRE SPRINKLER ISOLATION VALVE

- (FS) FIRE SPRINKLER MAIN
- (FS) FIRST FLOOR ISOLATION LINE
- (FS) SECOND FLOOR ISOLATION LINE
- (FS) THIRD FLOOR ISOLATION LINE

- (TS) PIV (POST INDICATOR VALVE)
  - EXISTING POST INDICATOR VALVE

9

TRUE NORTH

PROJECT NORTH

GRAPHIC SCALE

1/8" = 1'-0"

12' 8' 4' 0 4' 8' 12' 16' 20'

1 FIRE ALARM & MASS NOTIFICATION PLAN – FIRST FLOOR

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

AIR MOBILITY COMMAND

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CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FIRE ALARM & MASS NOTIFICATION PLAN - FIRST FLOOR

DRAWN BY: GLENN LOCKEBY	LEAD DESIGNER: GLENN LOCKEBY
REVIEWER: CHARLIE DAWSON	PROJECT NUMBER: NKAK 23-1001
BY: KENNETH G. KING	FA101
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	100 of 108

SYMBOL LEGEND

FIRE ALARM/MASS NOTIFICATION SYSTEM

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- SPEAKER AND STROBE UNIT, WALL MOUNTED. STROBE SHALL HAVE WHITE CASE WITH CLEAR STROBE, WITH "ALERT" PRINTED IN RED. MOUNT 80" A.F.F. TO BOTTOM OF BOX.
- SPEAKER ONLY UNIT, WALL MOUNTED. MOUNT 80" A.F.F. TO BOTTOM OF BOX.
- STROBE ONLY UNIT, WALL MOUNTED. MOUNT 80" A.F.F. TO BOTTOM OF BOX.
- SPEAKER AND STROBE UNIT, CEILING MOUNTED. STROBE SHALL HAVE WHITE CASE WITH CLEAR STROBE, WITH "ALERT" PRINTED IN RED.
- SP — SPEAKER ONLY UNIT, CEILING MOUNTED.
- WP — WEATHERPROOF SPEAKER, BULLHORN TYPE.
- STS — STATIC TEXT SIGN (NON-SCROLLING)
- SD — AREA SMOKE DETECTOR, CEILING MOUNTED.
- SD(W) — AREA SMOKE DETECTOR, WALL MOUNTED.
- D — DUCT SMOKE DETECTOR
- CM — CARBON MONOXIDE DETECTOR
- TS — TAMPER SWITCH
- FS — FLOW SWITCH
- ▼ — FIRE SPRINKLER, SHOWN FOR REFERENCE ONLY ON THIS PLAN.

GENERAL NOTES

A. DEMOLISH ALL COMPONENTS OF THE EXISTING FIRE ALARM AND MASS NOTIFICATION SYSTEM WITHIN THE BUILDING. NONE OF THE EXISTING DEVICES, PANELS, WIRING, CONDUIT, OR ANY OTHER APPURTENANCES OF THE EXISTING FIRE ALARM AND MASS NOTIFICATION SYSTEM SHALL BE RE-USED. ALL FIRE ALARM AND MASS NOTIFICATION DEVICES, PANELS, WIRING, CONDUIT, AND ALL OTHER APPURTENANCES OF BUILDING'S FIRE ALARM AND MASS NOTIFICATION SYSTEM SHALL BE NEW.

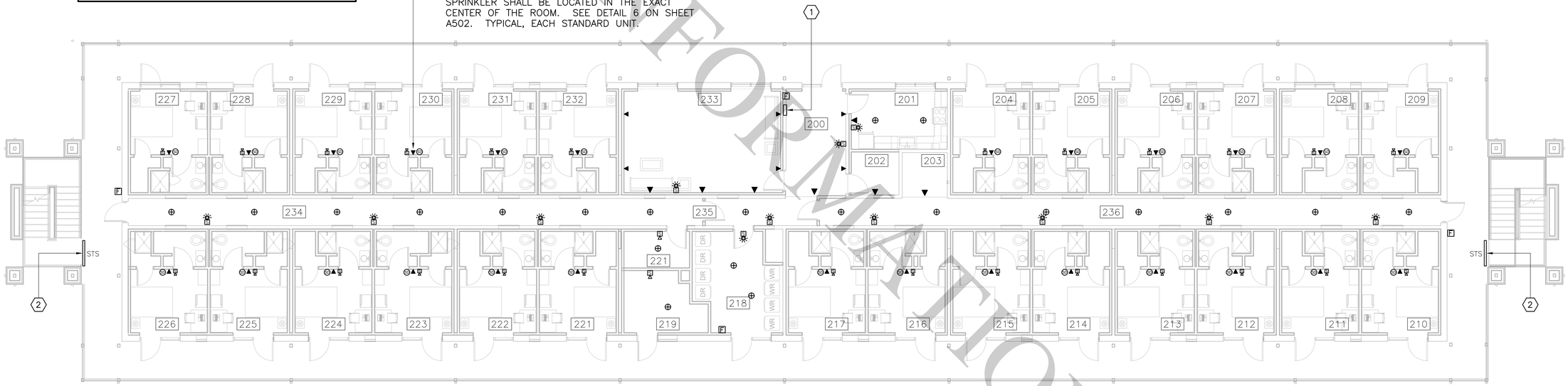
B. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH NFPA 72, THE NATIONAL FIRE ALARM CODE.

C. REFER TO LIFE SAFETY SHEET "LS-101" FOR FIRE EXTINGUISHER LOCATIONS.

KEYED NOTES

1. PROVIDE AN "LOC" (LOCAL OPERATING CONSOLE) AS SPECIFIED AT THIS LOCATION.
2. PROVIDE A STATIC LED TEXT SIGN AT THIS LOCATION. TEXT SIGN SHALL INDICATE EITHER "ANNOUNCEMENT" OR "EVACUATE". MOUNT SIGN TO BOTTOM OF DECK.

FIRE SPRINKLER, TYPICAL, SHOWN FOR REFERENCE ONLY ON THIS SHEET. WITHIN EACH STANDARD UNIT (i.e., "NON-ADA DORM ROOM"), THE SIDEWALL FIRE SPRINKLER SHALL BE LOCATED IN THE EXACT CENTER OF THE ROOM. SEE DETAIL 6 ON SHEET A502. TYPICAL, EACH STANDARD UNIT.



1 FIRE ALARM & MASS NOTIFICATION PLAN – SECOND FLOOR

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

TRUE NORTH

PROJECT NORTH

GRAPHIC SCALE

1/8" = 1'-0"

12' 8' 4' 0 4' 8' 12' 16' 20'

FOR INFORMATION ONLY

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Office 501.228.9600 / Fax 501.228.9663
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STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — No. 7848 — GLENN LOCKEBY

CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: **LITTLE ROCK AIR FORCE BASE**
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: FIRE ALARM & MASS NOTIFICATION PLAN - SECOND FLOOR

DRAWN BY: GLENN LOCKEBY	LEAD DESIGNER: GLENN LOCKEBY
REVIEWER: CHARLIE DAWSON	PROJECT NUMBER: NKAK 23-1001
BY: KENNETH G. KING	
DATE: 30 October 2025	FA102
SCALE: 1/8" = 1'-0"	101 of 108

SYMBOL LEGEND

FIRE ALARM/MASS NOTIFICATION SYSTEM

- MANUAL PULL STATION. WALL MOUNT AT 48" A.F.F. TO CENTERLINE OF BOX.
- SPEAKER AND STROBE UNIT, WALL MOUNTED. STROBE SHALL HAVE WHITE CASE WITH CLEAR STROBE, WITH "ALERT" PRINTED IN RED. MOUNT 80" A.F.F. TO BOTTOM OF BOX.
- SPEAKER ONLY UNIT, WALL MOUNTED. MOUNT 80" A.F.F. TO BOTTOM OF BOX.
- STROBE ONLY UNIT, WALL MOUNTED. MOUNT 80" A.F.F. TO BOTTOM OF BOX.
- SPEAKER AND STROBE UNIT, CEILING MOUNTED. STROBE SHALL HAVE WHITE CASE WITH CLEAR STROBE, WITH "ALERT" PRINTED IN RED.
- SP — SPEAKER ONLY UNIT, CEILING MOUNTED.
- WP — WEATHERPROOF SPEAKER, BULLHORN TYPE.
- STS — STATIC TEXT SIGN (NON-SCROLLING)
- SD — AREA SMOKE DETECTOR, CEILING MOUNTED.
- SD[W] — AREA SMOKE DETECTOR, WALL MOUNTED.
- D — DUCT SMOKE DETECTOR
- CM — CARBON MONOXIDE DETECTOR
- TS — TAMPER SWITCH
- FS — FLOW SWITCH
- ▼ — FIRE SPRINKLER, SHOWN FOR REFERENCE ONLY ON THIS PLAN.

GENERAL NOTES

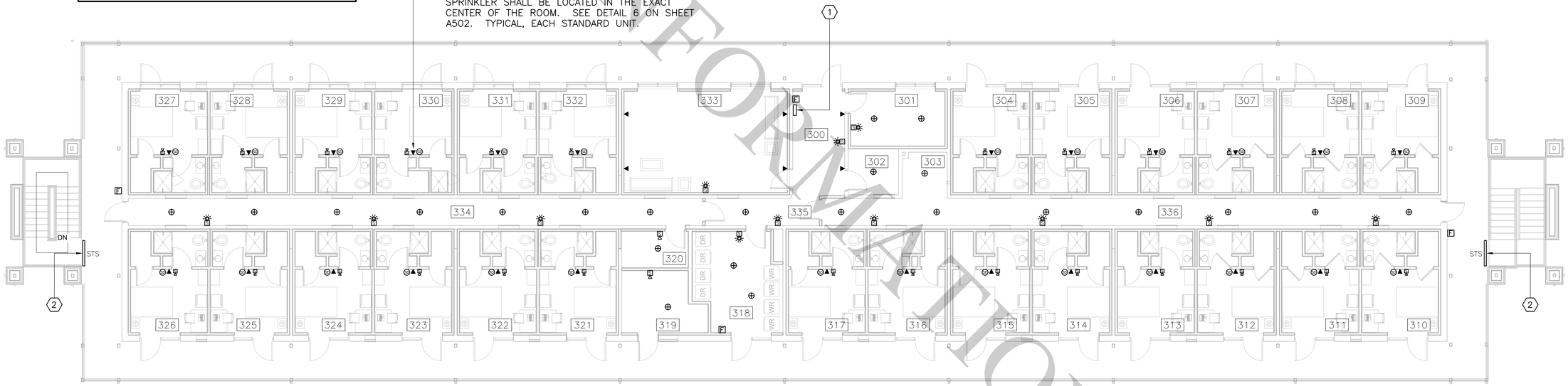
A. DEMOLISH ALL COMPONENTS OF THE EXISTING FIRE ALARM AND MASS NOTIFICATION SYSTEM WITHIN THE BUILDING. NONE OF THE EXISTING DEVICES, PANELS, WIRING, CONDUIT, OR ANY OTHER APPURTENANCES OF THE EXISTING FIRE ALARM AND MASS NOTIFICATION SYSTEM SHALL BE RE-USED. ALL FIRE ALARM AND MASS NOTIFICATION DEVICES, PANELS, WIRING, CONDUIT, AND ALL OTHER APPURTENANCES OF BUILDING'S FIRE ALARM AND MASS NOTIFICATION SYSTEM SHALL BE NEW.

B. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH NFPA 72, THE NATIONAL FIRE ALARM CODE.

KEYED NOTES

1. PROVIDE AN "LOC" (LOCAL OPERATING CONSOLE) AS SPECIFIED AT THIS LOCATION.
2. PROVIDE A STATIC LED TEXT SIGN AT THIS LOCATION. TEXT SIGN SHALL INDICATE EITHER "ANNOUNCEMENT" OR "EVACUATE". MOUNT SIGN TO BOTTOM OF DECK.

FIRE SPRINKLER, TYPICAL, SHOWN FOR REFERENCE ONLY ON THIS SHEET. WITHIN EACH STANDARD UNIT (i.e., "NON-ADA DORM ROOM"), THE SIDEWALL FIRE SPRINKLER SHALL BE LOCATED IN THE EXACT CENTER OF THE ROOM. SEE DETAIL 6 ON SHEET A502. TYPICAL, EACH STANDARD UNIT.



1 FIRE ALARM & MASS NOTIFICATION PLAN – THIRD FLOOR

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

TRUE NORTH

PROJECT NORTH

GRAPHIC SCALE

1/8" = 1'-0"

12' 8' 4' 0 4' 8' 12' 16' 20'

FOR INFORMATION ONLY

AIR MOBILITY COMMAND

Little Rock A.F.B
Arkansas

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FIRE ALARM & MASS NOTIFICATION PLAN - THIRD FLOOR

DRAWN BY: GLENN LOCKEBY	LEAD DESIGNER: GLENN LOCKEBY
REVIEWER: CHARLIE DAWSON	PROJECT NUMBER: NKAK 23-1001
BY: KENNETH G. KING	
DATE: 30 October 2025	FA103
SCALE: 1/8" = 1'-0"	102 of 108

DESIGN CRITERIA

APPLICABLE CODE	NFPA 13R
OCCUPANCY CLASSIFICATION	LIGHT HAZARD
HAZARD CATEGORY	HC–1
DENSITY/AREA	0.10 GPM/1500 SQ. FT.
HOSE STREAM ALLOWANCE	250 GPM
MAXIMUM AREA PER SPRINKLER	225 SQ. FT.
MAXIMUM SPACING	15 FT.
SPRINKLER TEMP RATING	ORDINARY

FIRE FLOW TEST DATA

DATE OF FIRE FLOW TEST:	JUNE 10, 2024	
"FLOW" HYDRANT IDENTIFICATION:	HYDRANT NEAR SOUTHEAST CORNER OF BUILDING 860 (USING "PROJECT NORTH" ARROW BELOW)	
"RESIDUAL" HYDRANT IDENTIFICATION:	HYDRANT NEAR SOUTHWEST CORNER OF BUILDING 860 (USING "PROJECT NORTH" ARROW BELOW)	
TEST PARTICIPANTS:	GLENN LOCKEBY, FPE KENNY SLEDGE BRENDON KEATHLEY JAMES FARRELL	LOCKEBY & ASSOCIATES, INC. A&A FIRE & SAFETY JACKSONVILLE WATER LRAFB FIRE DEPARTMENT
WATER SYSTEM STATIC PRESSURE:	68 PSI	
WATER FLOW @ "FLOW" HYDRANT:	1,300 GPM	
RESIDUAL PRESSURE @ "RESIDUAL" HYDRANT:	58 PSI	

SYMBOLS & ABBREVIATIONS

⊕	PENDANT TYPE SPRINKLER HEAD
▼EC	SIDEWALL SPRINKLER ("EC" DENOTES "EXTENDED COVERAGE" SPRINKLER)
FH	FIRE HYDRANT
--- FW ---	FIRE WATER LINE
GPM	GALLONS PER MINUTE
PSI	POUNDS PER SQUARE INCH
SQ. FT.	SQUARE FEET

GENERAL NOTES

A. DEMOLISH ALL COMPONENTS OF THE EXISTING FIRE SUPPRESSION SYSTEM WITHIN THE BUILDING. NONE OF THE EXISTING FIRE SPRINKLER PIPING, FITTINGS, HEADS, OR ANY OTHER APPURTENANCES OF THE EXISTING FIRE SPRINKLER SYSTEM SHALL BE RE–USED. ALL FIRE SPRINKLER PIPING, FITTINGS, HEADS, AND ALL OTHER APPURTENANCES OF BUILDING'S FIRE SPRINKLER SYSTEM SHALL BE NEW.

B. PENDANT SPRINKLER HEADS INSTALLED IN LAY–IN CEILINGS SHALL BE INSTALLED IN THE EXACT CENTER OF THE 24"x24" CEILING TILE.

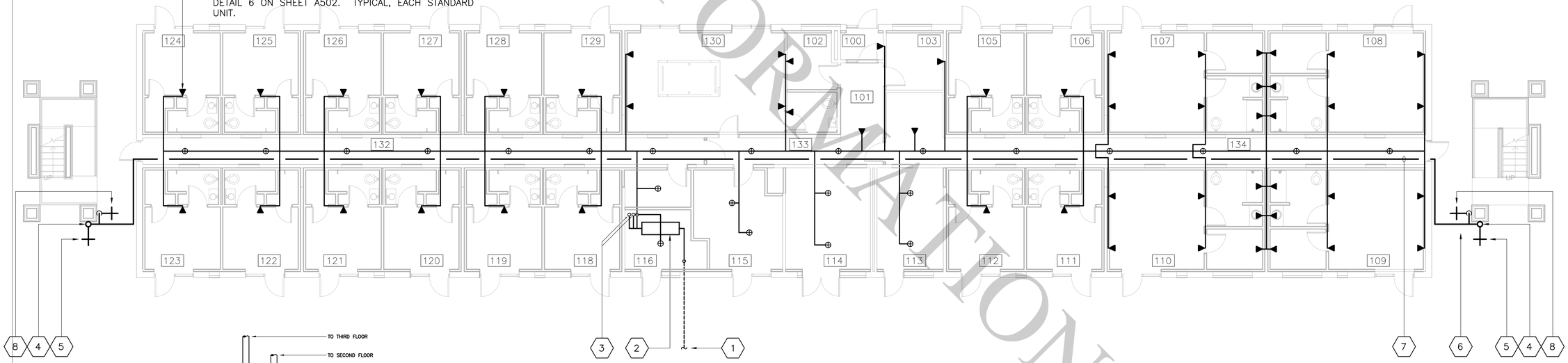
KEYED NOTES

1. NEW INCOMING FIRE WATER LINE, FROM EXISTING "FIRE WATER" LINE TO BUILDING. SEE CIVIL DRAWINGS FOR CONTINUATION.
2. NEW FIRE SPRINKLER RISER.
3. FIRE SPRINKLER RISERS UP TO SECOND AND THIRD FLOORS. SEE THE "FIRE SPRINKLER PLAN – SECOND FLOOR" AND "FIRE SPRINKLER PLAN – THIRD FLOOR" FOR CONTINUATION.
4. DRY STANDPIPE FROM GROUND LEVEL UP TO SECOND AND THIRD FLOORS. SEE THE "FIRE SPRINKLER PLAN – SECOND FLOOR" AND "FIRE SPRINKLER PLAN – THIRD FLOOR" FOR CONTINUATION.

KEYED NOTES (continued)

5. FIRE DEPARTMENT ONNECTION.
6. FIRE SPRINKLER CONTRACTOR SHALL SUBMIT HIS HYDRAULIC CALCULATIONS FOR THE DRY PIPE STANDPIPE SYSTEM, BASED ON PROVIDING A 2–1/2" HOSE CONNECTION AT THE FIRST, SECOND, AND THIRD FLOORS OF THE BUILDING ON THE "PROJECT EAST" END OF THE BUILDING AND THE SAME HOSE CONNECTIONS AT THE "PROJECT WEST" END OF THE BUILDING. THE PIPE SIZES SHALL BE SUCH THAT EACH 2–1/2" HOSE CONNECTION SHALL DELIVER A MINIMUM OF 250 GPM WHILE RUNNING SIMULTANEOUSLY.
7. PROVIDE A CROSS MAIN TO CONNECT THE TWO STANDPIPES TOGETHER. THE SIZE OF THIS CROSS MAIN SHALL BE SUCH THAT EACH OF THE SIX (6) HOSE CONNECTIONS OF THIS STANDPIPE SYSTEM WILL DELIVER A MINIMUM OF 250 GPM EACH WHEN THE SYSTEM IS BEING SUPPLIED WATER FROM THE PUMPER TRUCK OPERATED BY THE LITTLE ROCK AIR FORCE BASE AND WHEN THAT PUMPER TRUCK IS CONNECTED TO EITHER OF THE TWO FIRE DEPARTMENT CONNECTIONS.
8. PROVIDE A 2–1/2" HOSE CONNECTION IN THE CENTER OF THE "BUILDING SIDE" OF THE COLUMN, AS SHOWN.

WITHIN EACH STANDARD UNIT (i.e., "NON–ADA DORM ROOM"), THE SIDEWALL FIRE SPRINKLER SHALL BE LOCATED IN THE EXACT CENTER OF THE ROOM. SEE DETAIL 6 ON SHEET A502. TYPICAL, EACH STANDARD UNIT.

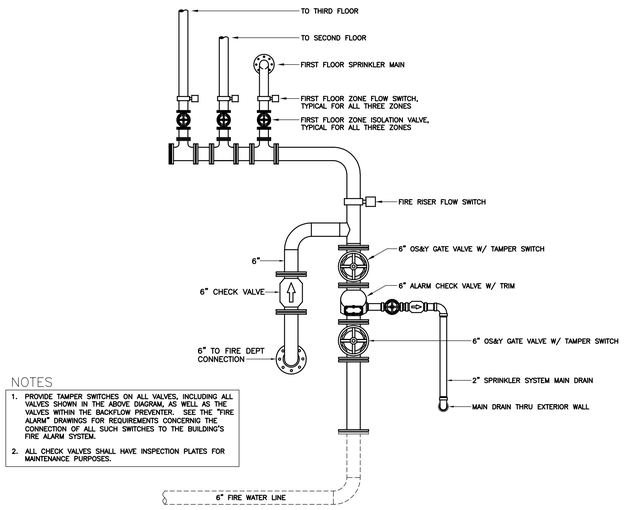


1 FIRE SPRINKLER PLAN – FIRST FLOOR

SCALE: 1/8" = 1'–0"

TRUE NORTH

PROJECT NORTH



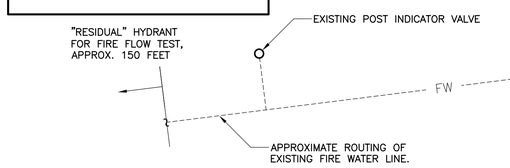
NOTES

1. PROVIDE TAMPER SWITCHES ON ALL VALVES, INCLUDING ALL VALVES SHOWN IN THE ABOVE DIAGRAM, AS WELL AS THE VALVES WITHIN THE BACKFLOW PREVENTER. SEE THE "FIRE ALARM" DRAWINGS FOR REQUIREMENTS CONCERNING THE CONNECTION OF ALL SUCH SWITCHES TO THE BUILDING'S FIRE ALARM SYSTEM.
2. ALL CHECK VALVES SHALL HAVE INSPECTION PLATES FOR MAINTENANCE PURPOSES.

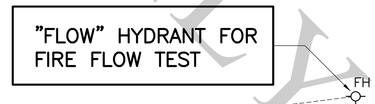
FIRE SPRINKLER RISER

NO SCALE

"RESIDUAL" HYDRANT FOR FIRE FLOW TEST



"FLOW" HYDRANT FOR FIRE FLOW TEST



GRAPHIC SCALE

1/8" = 1'–0"

12' 8' 4' 0 4' 8' 12' 16' 20'

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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7848
GLENN LOCKEBY

CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE: **LITTLE ROCK AIR FORCE BASE**
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE: FIRE SPRINKLER PLAN - FIRST FLOOR

DRAWN BY: GLENN LOCKEBY	LEAD DESIGNER: GLENN LOCKEBY
REVIEWER: CHARLIE DAWSON	PROJECT NUMBER: NKAK 23-1001
BY: KENNETH G. KING	FS101
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	103 of 108

DESIGN CRITERIA

APPLICABLE CODE	NFPA 13R
OCCUPANCY CLASSIFICATION	LIGHT HAZARD
HAZARD CATEGORY	HC–1
DENSITY/AREA	0.10 GPM/1500 SQ. FT.
HOSE STREAM ALLOWANCE	250 GPM
MAXIMUM AREA PER SPRINKLER	225 SQ. FT.
MAXIMUM SPACING	15 FT.
SPRINKLER TEMP RATING	ORDINARY

SYMBOLS & ABBREVIATIONS

⊕	PENDANT TYPE SPRINKLER HEAD
▼	SIDEWALL SPRINKLER
FH	FIRE HYDRANT
---- FW ----	FIRE WATER LINE
GPM	GALLONS PER MINUTE
PSI	POUNDS PER SQUARE INCH
SQ. FT.	SQUARE FEET

GENERAL NOTES

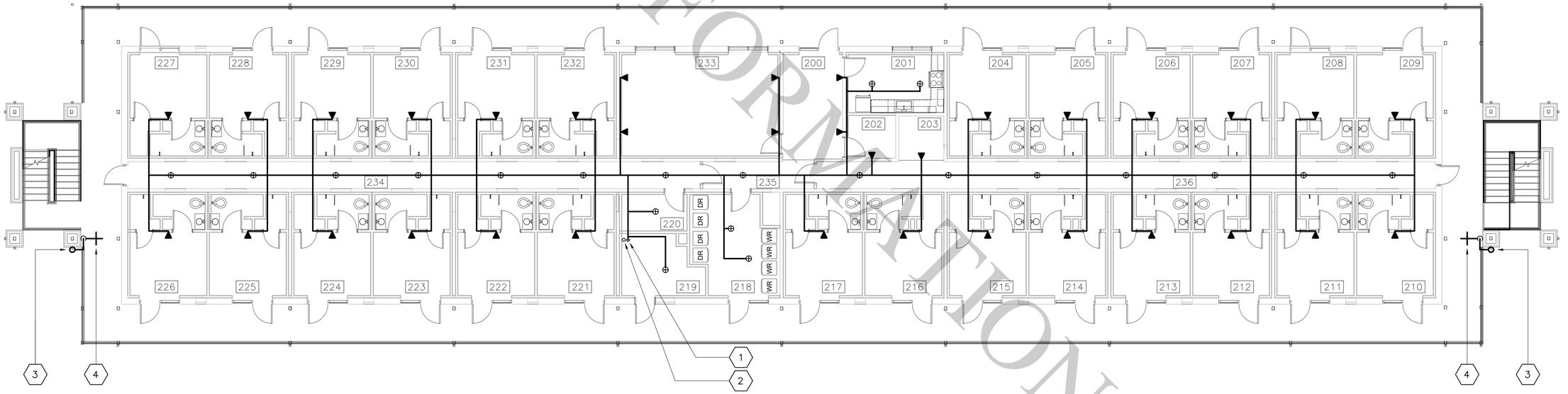
A. DEMOLISH ALL COMPONENTS OF THE EXISTING FIRE SUPPRESSION SYSTEM WITHIN THE BUILDING. NONE OF THE EXISTING FIRE SPRINKLER PIPING, FITTINGS, HEADS, OR ANY OTHER APPURTENANCES OF THE EXISTING FIRE SPRINKLER SYSTEM SHALL BE RE–USED. ALL FIRE SPRINKLER PIPING, FITTINGS, HEADS, AND ALL OTHER APPURTENANCES OF BUILDING'S FIRE SPRINKLER SYSTEM SHALL BE NEW.

B. PENDANT SPRINKLER HEADS INSTALLED IN LAY–IN CEILINGS SHALL BE INSTALLED IN THE EXACT CENTER OF THE 24"x24" CEILING TILE.

C. REFER TO LIFE SAFETY SHEET "LS–101" FOR FIRE EXTINGUISHER LOCATIONS.

KEYED NOTES

1. SPRINKLER ZONE 2 MAIN, UP FROM FIRST FLOOR.
2. SPRINKLER ZONE 3 MAIN, UP FROM FIRST FLOOR, PASSING THROUGH SECOND FLOOR, AND ON UP TO THIRD FLOOR.
3. DRY STANDPIPE, UP FROM GROUND LEVEL AND EXTENDING UP TO THE THIRD FLOOR. SEE THE "FIRE SPRINKLER PLAN – FIRST FLOOR" AND "FIRE SPRINKLER PLAN – THIRD FLOOR" FOR CONTINUATION. SURFACE MOUNT THE STANDPIPE ONTO THE "PROJECT SOUTH" SIDE OF THE COLUMN. PROVIDE A BRANCH LINE TIGHT TO THE BOTTOM OF THE WALKWAY CEILING ABOVE AND EXTEND AROUND TO THE "BUILDING SIDE" OF THE COLUMN AS SHOWN. BRANCH LINE SHALL THEN DROP DOWN AND TERMINATE WITH A 2–1/2" HOSE CONNECTION AS INDICATED BY KEYED NOTE #4.
4. PROVIDE A 2–1/2" HOSE CONNECTION IN THE CENTER OF THE "BUILDING SIDE" OF THE COLUMN, AS SHOWN.



1 FIRE SPRINKLER PLAN – SECOND FLOOR

SCALE: 1/8" = 1'–0"

TRUE NORTH

PROJECT NORTH

GRAPHIC SCALE

1/8" = 1'–0"

12' 8' 4' 0 4' 8' 12' 16' 20'

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STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No.7848 GLENN LOCKEBY

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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FIRE SPRINKLER PLAN - SECOND FLOOR

DRAWN BY: GLENN LOCKEBY	LEAD DESIGNER: GLENN LOCKEBY
REVIEWER: CHARLIE DAWSON	PROJECT NUMBER: NKAK 23-1001
BY: KENNETH G. KING	
DATE: 30 October 2025	FS102
SCALE: 1/8" = 1'-0"	104 of 108

DESIGN CRITERIA

APPLICABLE CODE	NFPA 13R
OCCUPANCY CLASSIFICATION	LIGHT HAZARD
HAZARD CATEGORY	HC–1
DENSITY/AREA	0.10 GPM/1500 SQ. FT.
HOSE STREAM ALLOWANCE	250 GPM
MAXIMUM AREA PER SPRINKLER	225 SQ. FT.
MAXIMUM SPACING	15 FT.
SPRINKLER TEMP RATING	ORDINARY

SYMBOLS & ABBREVIATIONS

⊕	PENDANT TYPE SPRINKLER HEAD
▼EC	SIDEWALL SPRINKLER ("EC" DENOTES "EXTENDED COVERAGE" SPRINKLER)
FH	FIRE HYDRANT
— FW —	FIRE WATER LINE
GPM	GALLONS PER MINUTE
PSI	POUNDS PER SQUARE INCH
SQ. FT.	SQUARE FEET

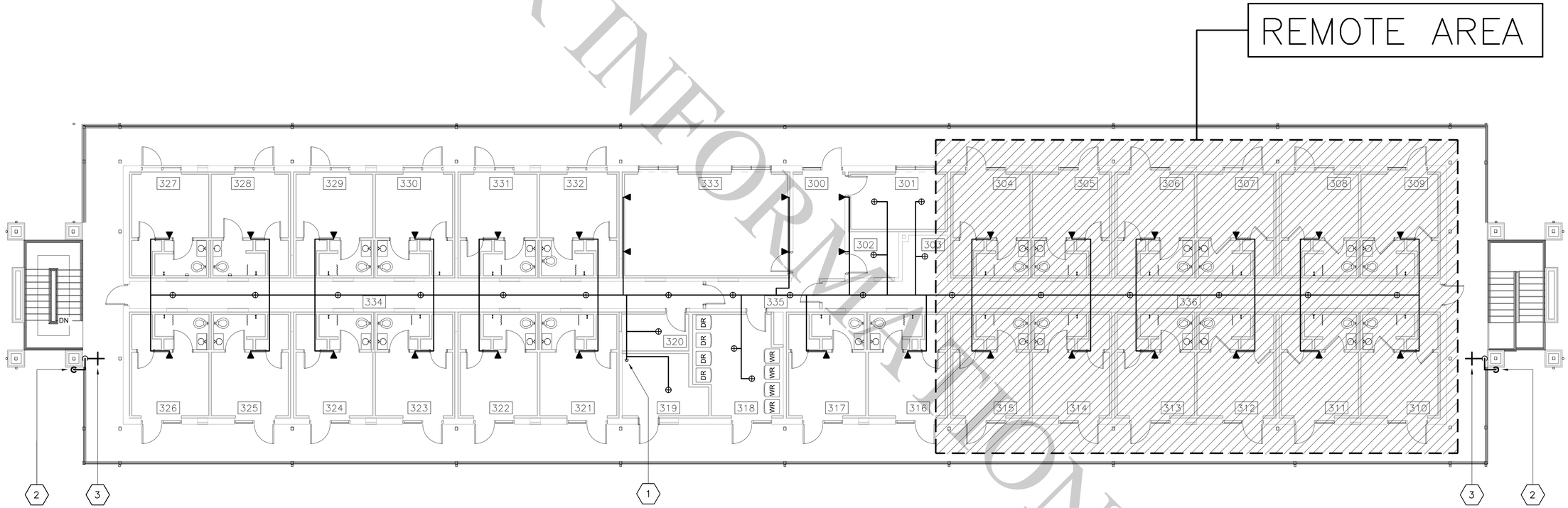
GENERAL NOTES

A. DEMOLISH ALL COMPONENTS OF THE EXISTING FIRE SUPPRESSION SYSTEM WITHIN THE BUILDING. NONE OF THE EXISTING FIRE SPRINKLER PIPING, FITTINGS, HEADS, OR ANY OTHER APPURTENANCES OF THE EXISTING FIRE SPRINKLER SYSTEM SHALL BE RE–USED. ALL FIRE SPRINKLER PIPING, FITTINGS, HEADS, AND ALL OTHER APPURTENANCES OF BUILDING'S FIRE SPRINKLER SYSTEM SHALL BE NEW.

B. PENDANT SPRINKLER HEADS INSTALLED IN LAY–IN CEILINGS SHALL BE INSTALLED IN THE EXACT CENTER OF THE 24"x24" CEILING TILE.

KEYED NOTES

1. SPRINKLER ZONE 3 MAIN, UP FROM FIRST FLOOR.
2. DRY STANDPIPE, UP FROM GROUND LEVEL AND EXTENDING UP TO THE THIRD FLOOR. SEE THE "FIRE SPRINKLER PLAN – FIRST FLOOR" AND "FIRE SPRINKLER PLAN – SECOND FLOOR" FOR CONTINUATION. SURFACE MOUNT THE STANDPIPE ONTO THE "PROJECT SOUTH" SIDE OF THE COLUMN. EXTEND THIS LINE UP TO BE TIGHT TO THE BOTTOM OF THE WALKWAY CEILING ABOVE AND EXTEND AROUND TO THE "BUILDING SIDE" OF THE COLUMN AS SHOWN. BRANCH LINE SHALL THEN DROP DOWN AND TERMINATE WITH A 2–1/2" HOSE CONNECTION AS INDICATED BY KEYED NOTE #3.
3. PROVIDE A 2–1/2" HOSE CONNECTION AT THE CENTER OF THE SIDE OF THE COLUMN FACING THE BUILDING, AS SHOWN.



1 FIRE SPRINKLER PLAN – THIRD FLOOR

SCALE: 1/8" = 1'–0"

TRUE NORTH

PROJECT NORTH

GRAPHIC SCALE

1/8" = 1'–0"

12' 8' 4' 0 4' 8' 12' 16' 20'

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FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
FIRE SPRINKLER PLAN - THIRD FLOOR

DRAWN BY: GLENN LOCKEBY	LEAD DESIGNER: GLENN LOCKEBY
REVIEWER: CHARLIE DAWSON	PROJECT NUMBER: NKAK 23-1001
BY: KENNETH G. KING	FS103
DATE: 30 October 2025	105 of 108
SCALE: 1/8" = 1'-0"	

FIRE FLOW TEST DATA

DATE OF FIRE FLOW TEST:	JUNE 10, 2024	
"FLOW" HYDRANT IDENTIFICATION:	HYDRANT NEAR SOUTHEAST CORNER OF BUILDING 860 (USING "PROJECT NORTH" ARROW BELOW)	
"RESIDUAL" HYDRANT IDENTIFICATION:	HYDRANT NEAR SOUTHWEST CORNER OF BUILDING 860 (USING "PROJECT NORTH" ARROW BELOW)	
TEST PARTICIPANTS:	GLENN LOCKEBY, FPE	LOCKEBY & ASSOCIATES, INC.
	KENNY SLEDGE	A&A FIRE & SAFETY
	BRENDON KEATHLEY	JACKSONVILLE WATER
	JAMES FARRELL	LRAFB FIRE DEPARTMENT
WATER SYSTEM STATIC PRESSURE:	68 PSI	
WATER FLOW @ "FLOW" HYDRANT:	1,300 GPM	
RESIDUAL PRESSURE @ "RESIDUAL" HYDRANT:	58 PSI	

DESIGN CRITERIA

APPLICABLE CODE	NFPA 13R
OCCUPANCY CLASSIFICATION	LIGHT HAZARD
HAZARD CATEGORY	HC-1
DENSITY/AREA	0.10 GPM/1500 SQ. FT.
HOSE STREAM ALLOWANCE	250 GPM
MAXIMUM AREA PER SPRINKLER	225 SQ. FT.
MAXIMUM SPACING	15 FT.
SPRINKLER TEMP RATING	ORDINARY

SYMBOLS & ABBREVIATIONS

⊕	PENDANT TYPE SPRINKLER HEAD
▼EC	SIDEWALL SPRINKLER ("EC" DENOTES "EXTENDED COVERAGE" SPRINKLER)
FH	FIRE HYDRANT
--- FW ---	FIRE WATER LINE
GPM	GALLONS PER MINUTE
PSI	POUNDS PER SQUARE INCH
SQ. FT.	SQUARE FEET

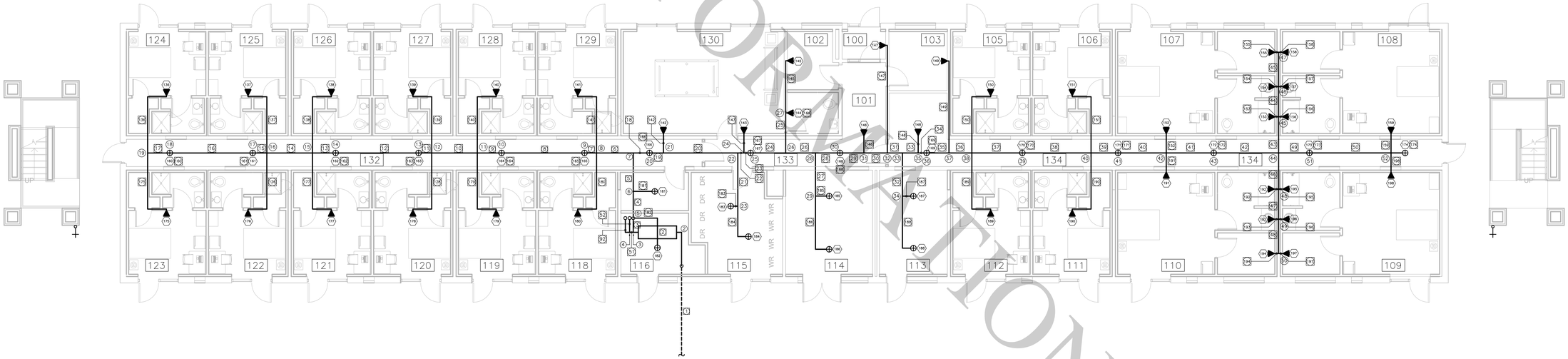
NODE & PIPE LEGEND

- (1) NODE NUMBER
- [2] PIPE NUMBER
- (134) SPRINKLER NODE NUMBER

GENERAL NOTES

A. THIS DRAWING IS PROVIDED TO ACCOMPANY THE "HYDRAULIC CALCULATIONS" BOOKLET THAT IS A PART OF THE "95% SUBMITTAL" PACKAGE.

B. THE FIRE SPRINKLER SUBCONTRACTOR SHALL SUBMIT HIS OWN HYDRAULIC CALCULATIONS, ALONG WITH SKETCHES SHOWING ASSIGNED NODES, NODE NUMBERS, PIPE NUMBERS, REMOTE AREA, ETC. FOR REVIEW AND APPROVAL BY THE FIRE PROTECTION ENGINEER.



1 HYDRAULIC CALCULATIONS – FIRST FLOOR

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

TRUE NORTH

PROJECT NORTH

"RESIDUAL" HYDRANT FOR FIRE FLOW TEST

"RESIDUAL" HYDRANT FOR FIRE FLOW TEST, APPROX. 150 FEET

EXISTING POST INDICATOR VALVE

APPROXIMATE ROUTING OF EXISTING FIRE WATER LINE.

"FLOW" HYDRANT FOR FIRE FLOW TEST

FH

FW

GRAPHIC SCALE

1/8" = 1'-0"

12' 8' 4' 0 4' 8' 12' 16' 20'

FOR INFORMATION ONLY

AIR MOBILITY COMMAND

Little Rock A.F.B
Arkansas

ALESSI KEYES CONSTRUCTION
10623 Maumelle Blvd
North Little Rock, AR 72113
501.225.0699
www.alessikeyes.com

LOCKEBY & ASSOCIATES.
ARCHITECTS / ENGINEERS · PLANNING · MANAGEMENT
113 N. Rodney Parham, Suite 310 Little Rock, AR 72212
Office 501.228.9000 / Fax 501.228.9063
www.lockeby.com

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 7848
GLENN LOCKEBY

CIVIL ENGINEER:	CIVIL ENGINEER:
CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
HYDRAULIC CALCULATIONS - FIRST FLOOR

DRAWN BY: GLENN LOCKEBY	LEAD DESIGNER: GLENN LOCKEBY
REVIEWER: CHARLIE DAWSON	PROJECT NUMBER: NKAK 23-1001
BY: KENNETH G. KING	FS201
DATE: 30 October 2025	
SCALE: 1/8" = 1'-0"	106 of 108

DESIGN CRITERIA

APPLICABLE CODE	NFPA 13R
OCCUPANCY CLASSIFICATION	LIGHT HAZARD
HAZARD CATEGORY	HC-1
DENSITY/AREA	0.10 GPM/1500 SQ. FT.
HOSE STREAM ALLOWANCE	250 GPM
MAXIMUM AREA PER SPRINKLER	225 SQ. FT.
MAXIMUM SPACING	15 FT.
SPRINKLER TEMP RATING	ORDINARY

SYMBOLS & ABBREVIATIONS

⊕	PENDANT TYPE SPRINKLER HEAD
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GPM	GALLONS PER MINUTE
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SQ. FT.	SQUARE FEET

NODE & PIPE LEGEND

(1) NODE NUMBER

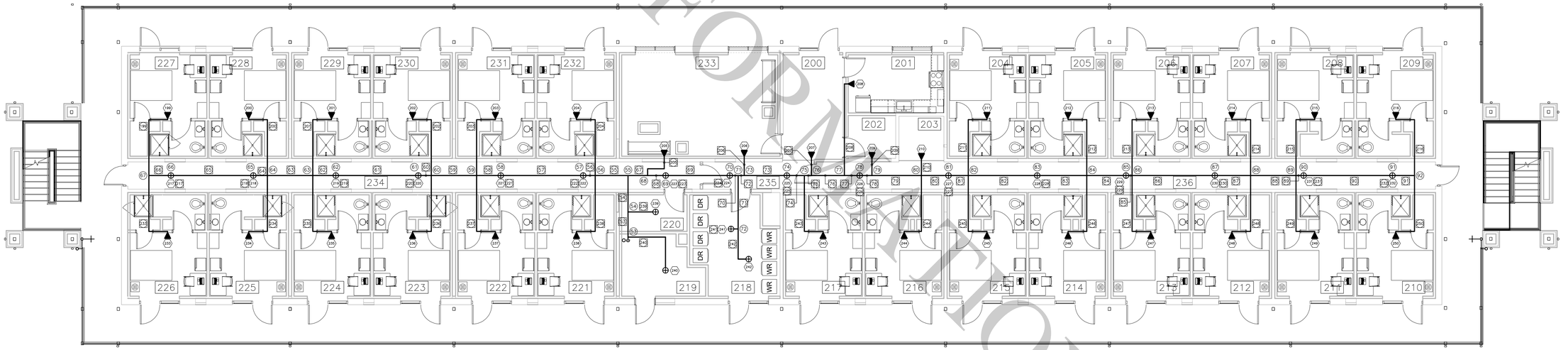
[2] PIPE NUMBER

(1M) SPRINKLER NODE NUMBER

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1 HYDRAULIC CALCULATIONS – SECOND FLOOR

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

TRUE NORTH

PROJECT NORTH

GRAPHIC SCALE

1/8" = 1'-0"

12' 8' 4' 0 4' 8' 12' 16' 20'

FOR INFORMATION ONLY

Little Rock A.F.B
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CHIEF OF OPERATIONS:	BIO ENVIRONMENTAL:
FIRE CHIEF:	SAFETY:
ENVIRONMENTAL:	CONSTRUCTION MANAGER:
PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
HYDRAULIC CALCULATIONS - SECOND FLOOR

DRAWN BY: GLENN LOCKEBY	LEAD DESIGNER: GLENN LOCKEBY
REVIEWER: CHARLIE DAWSON	PROJECT NUMBER: NKAK 23-1001
BY: KENNETH G. KING	
DATE: 30 October 2025	FS202
SCALE: 1/8" = 1'-0"	107 of 108

DESIGN CRITERIA

APPLICABLE CODE	NFPA 13R
OCCUPANCY CLASSIFICATION	LIGHT HAZARD
HAZARD CATEGORY	HC-1
DENSITY/AREA	0.10 GPM/1500 SQ. FT.
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— FW —	FIRE WATER LINE
GPM	GALLONS PER MINUTE
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SQ. FT.	SQUARE FEET

NODE & PIPE LEGEND

(1) NODE NUMBER

[2] PIPE NUMBER

(139) SPRINKLER NODE NUMBER

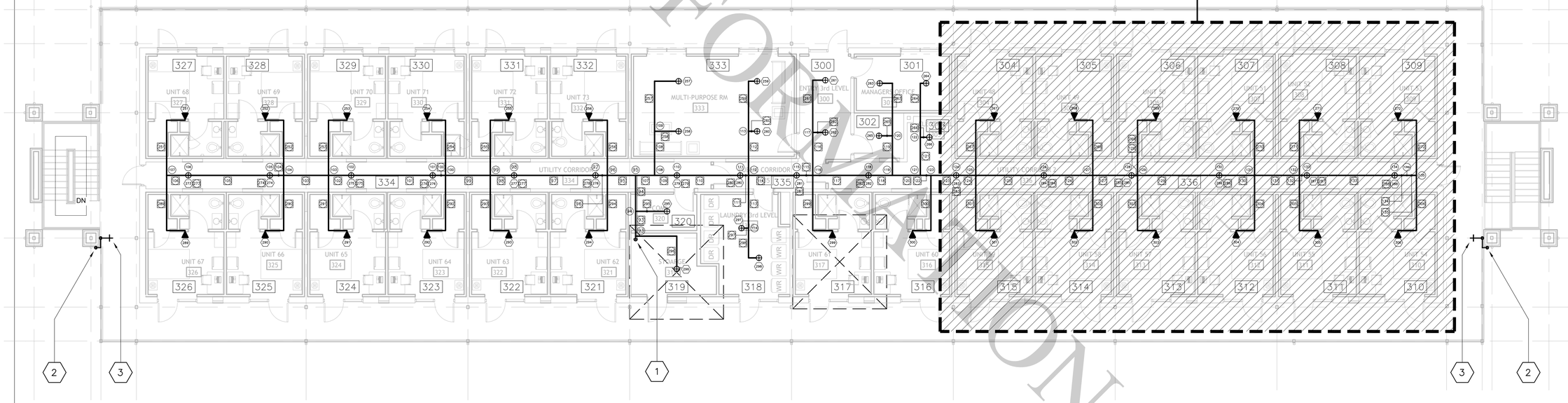
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FOR INFORMATION ONLY

REMOTE AREA



1 HYDRAULIC CALCULATIONS – THIRD FLOOR

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

TRUE NORTH

PROJECT NORTH

GRAPHIC SCALE

1/8" = 1'-0"

12' 8' 4' 0 4' 8' 12' 16' 20'

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PROGRAM MANAGER:	USING AGENCY:

MARK	DESCRIPTION	DATE	BY	APP'D

PROJECT TITLE:
LITTLE ROCK AIR FORCE BASE
REPAIR (R & M) AIRMEN DORM B860

SHEET TITLE:
HYDRAULIC CALCULATIONS - THIRD FLOOR

DRAWN BY: GLENN LOCKEBY	LEAD DESIGNER: GLENN LOCKEBY
REVIEWER: CHARLIE DAWSON	PROJECT NUMBER: NKAK 23-1001
BY: KENNETH G. KING	
DATE: 30 October 2025	FS203
SCALE: 1/8" = 1'-0"	108 of 108