

FIRE STOPPING:
FIRE STOPPING MUST BE PERFORMED BY A PERSON TRAINED BY A PRODUCT MANUFACTURER REPRESENTATIVE FOR THE PRODUCT TO BE USED.

FIRE STOPPING MUST BE SPECIFIC TO THE PRODUCT BEING USED AND THE TYPE OF PENETRATION AND IN ACCORDANCE WITH THE MANUFACTURER LISTED ASSEMBLY CRITERIA.

FIRE RATED WALLS ARE TO BE STENCILED ABOVE CEILINGS IN ACCORDANCE WITH IBC 703.7. WHERE ACCESS IT NOT PROVIDED ABOVE CEILINGS, LABEL ON UTILITY CHASE SIDE.

LEGEND:

- — — — — MINIMUM SMOKE RESISTIVE / SMOKE PARTITION FOR INCIDENTAL USE WHEN SPRINKLERED. SELF-CLOSING DOORS. NO RATING REQUIRED.
- — — — — MINIMUM 30-MINUTE FIRE RATING BETWEEN RESIDENTIAL SLEEPING ROOMS
- — — — — MINIMUM 1-HOUR FIRE RESISTIVE WITH 45-MINUTE DOORS AND HARDWARE FOR LAUNDRY ROOMS. SEE LSC 8.3.3.2.2.
- — — — — TRAVEL PATH / DISTANCE INDICATED

NOTE: FIRE RESISTANCE RATINGS SHOWN ARE MINIMUM. DUE TO SOUND REQUIREMENTS AND CONSTRUCTION CRITERIA, THE ARCHITECTURAL DRAWINGS MAY SHOW A HIGHER RATING.

FE-C+ FIRE EXTINGUISHER IN CABINET PER DISCUSSION WITH FIRE DEPARTMENT ON FEDERAL MANDATE. SEE LS.02 FOR CRITERIA.

EXIT LED ILLUMINATED EXIT SIGN WITH BATTERY BACKUP

LIFE SAFETY CODE SUMMARY:
CODES: 2018 IBC; 2021 LSC; UFC 3-600-01 CHANGE 6 MAY, 2021;

OCCUPANCY: RESIDENTIAL DORMITORY LSC CH. 28; IBC R2
CONSTRUCTION TYPE: ORIGINAL TYPE V, DUE TO COMBUSTIBLE MATERIALS IN OLD ROOFING. WITH NEW ROOFING, COMBUSTIBLE WOOD TRUSSES ARE TO BE REMOVED TO AVOID ATTIC SPRINKLERS.
ACTUAL AREA PER FLOOR: ~12,500 FT²
ALLOWABLE AREAS PER FLOOR: 21,000 FT²
NUMBER OF STORIES PROVIDED: 3
NUMBER OF STORIES ALLOWED: 3
SPRINKLERS: YES, NFPA 13 2022 EDITION. NO ATTIC SPRINKLERS
FIRE ALARM & MNS: YES, NFPA 72 2022 AND ECB 2018-17
TRAVEL (LSC CH. 28, & CH. 7)
COMMON PATH OF TRAVEL: 50' (DOES NOT INCLUDE TRAVEL WITHIN GUEST ROOM)
DEAD END: 50'
GUEST ROOMS > 2,000 FT² SHALL HAVE 2 EXITS (NOT APPLICABLE)
TRAVEL WITHIN GUEST ROOM TO CORRIDOR: 125'
TRAVEL FROM GUEST ROOM DOOR TO EXTERIOR EXIT WAY: 200'
SEPARATION AND PROTECTION OF OUTSIDE STAIRS PER LSC 7.2.2.6.3 (1); RATING NOT REQUIRED WHEN TWO REMOTE OUTSIDE STAIRWAYS ARE PROVIDED.
MINIMUM STAIR WIDTH (BELOW HANDRAIL): 36" ALLOWING EACH STAIR TO SERVE 50 OCCUPANTS. TWO STAIRS @ 50 OCCUPANTS EACH ALLOW FOR 100 ACCUMULATIVE PER LSC 7.2.2.2.1.2(A) AND A.7.2.2.2.1.2(B).

FIRE EXTINGUISHERS ARE NOT REQUIRED PER LSC FOR THE OCCUPANCY AND UFC 3-600-01. PER REQUEST OF FIRE DEPARTMENT ONE CABINET AND ABC EXTINGUISHER WILL BE PROVIDED IN KITCHEN SPACE DUE TO RECENTLY ISSUED FEDERAL MANDATE AND SCOPE LIMITATIONS.

SUBDIVISION OF SPACES TO COMPLY WITH LSC 28.3.7. GUEST ROOMS MUST BE SEPARATED FROM OTHER GUEST ROOMS AND OTHER AREAS BY MINIMUM 30 MINUTES WITH 20 MINUTE DOORS.

EXTERIOR EXIT BALCONIES ARE IN ACCORDANCE WITH LSC 7.5.3. BALCONY OPENING PROTECTION IS NOT REQUIRED PER 7.5.3.3 DUE TO LOOPED TRAVEL / EXIT PATHS AROUND BUILDING.

FIRE BARRIERS AND SMOKE PARTITIONS TO BE PERMANENTLY IDENTIFIED WITHIN 15 FEET OF THE END OF EACH WALL AND AT 30 FOOT INTERVALS. LETTERS TO BE MINIMUM 3 INCHES IN HEIGHT WITH MINIMUM 3/8 INCH STROKE IN CONTRASTING COLOR. SEE NFPA 101, 8.2.2.5.

SEE E2.01 & E2.02 FOR INTERIOR AND EXTERIOR EMERGENCY LIGHTING.

SEISMIC CRITERIA: (VERIFY WITH STRUCTURAL SHEETS FOR POTENTIAL CHANGES)
SITE CLASS: C
RISK CATEGORY: II

SITE CONDITIONS:
FIRE HYDRANTS ARE EXISTING TO REMAIN WITH NO CHANGES IN SCOPE.

FIRE DEPARTMENT VEHICLE ACCESS IS EXISTING TO REMAIN WITH NO CHANGES IN SCOPE. SIDEWALKS AND EXTERIOR STAIRS WILL BE REPLACED AND IMPROVE ACCESS.

UNDERGROUND SPRINKLER STUB-IN IS EXISTING TO REMAIN WITH NO CHANGES IN SCOPE. ALL ABOVE-GROUND PIPE WITHIN BUILDING FROM FLOOR FLANGE UP WILL BE REPLACED.

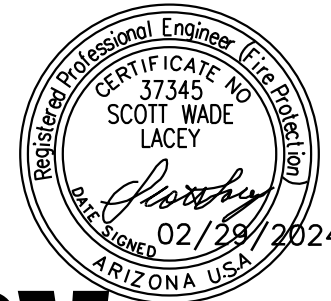
EXISTING FIRE DEPARTMENT CONNECTION LOCATION TO REMAIN ON BACK OF BUILDING.



LITTLE ROCK A.F.B.
ARKANSAS



CLEMENTS & ASSOCIATES
ARCHITECTURE, INC.
507 MAIN STREET
NORTH LITTLE ROCK, ARKANSAS 72114
PHONE: 501-375-3380
WWW.CLEMENTSARCHITECTS.COM



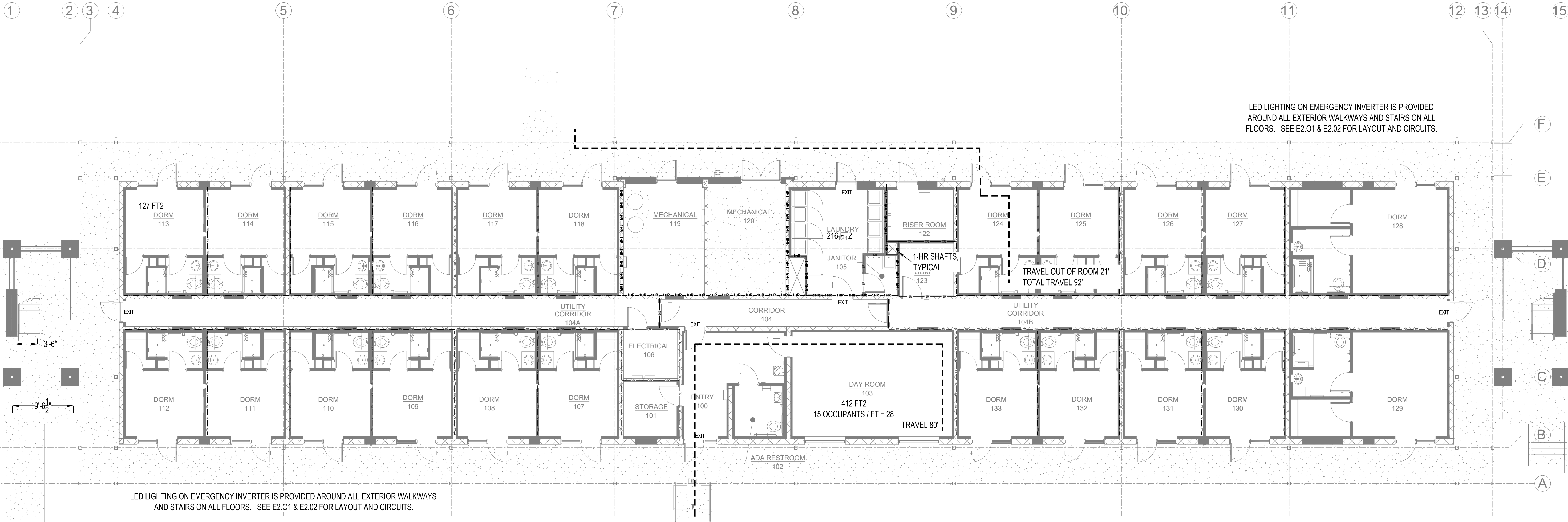
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Fire Protection
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100 REVISED SUBMITAL	04/26/2024	BY	Date	Revision/Issue	No.
1					

PROJECT TITLE
REPAIR (SUS) AIRMEN
DORMITORY BLDG 854

SHEET TITLE
LIFE SAFETY -
FIRST FLOOR PLAN

DRAWN BY SL	LEAD DESIGNER SL
TECH REVIEWER SL	PROJECT NUMBER NKAK 21-1034
DESIGNED BY SL	SHEET
DATE 29 FEB. 2024	LS1.01
SCALE AS NOTED	02 OF 100



1 LIFE SAFETY - FIRST FLOOR
1/8" = 1'

