Occupancy Load Tabulation Area "E"

212 MALE INMATES

EGRESS WIDTH REQUIRED:

(212 OCCUPANTS) x (.2IN/ PERSON)= 42.4 IN.

(4 EXITS) TOTALING 1212 IN.

NOTE:

- - - - SMOKE RESISTANT CONSTRUCTION

Fire-Rating Partition Legend

SYMBOL	ASSEMBLY	FIRE RATING	UL TEST
	8" CMU	(1) HOUR	UL-U905 REFER TO 1/L52.1 FOR DETAIL
	3 5/8" or 6" METAL STUD	(1) HOUR	UL-U465 REFER TO 1/L52.1 FOR DETAIL
	8" CMU	(2) HOUR	UL-U905 REFER TO 2/L52.1 FOR DETAIL
	8" CMU	(4) HOUR	UL-U801 REFER TO 2/L52.1 FOR DETAIL

Life Safety Legend and Notes

"72" — DENOTES TOTAL WIDTH OF EGRESS PROVIDED. REFER TO 9/L52.1 FOR INFORMATION ON MEASUREMENT OF EGRESS CAPACITY WIDTH. (E.W.R. = EGRESS WIDTH REQUIRED)

DENOTES SURFACE MOUNTED PORTABLE FIRE EXTINGUISHER. SEE FIRE EXTINGUISHER LEGEND (THIS SHEET) FOR ADDITIONAL INFORMATION

DENOTES SURFACE MOUNTED OR SEMI RECESSED FIRE EXTINGUISHER CABINET SEE FIRE EXTINGUISHER LEGEND (THIS SHEET) FOR ADDITIONAL INFORMATION

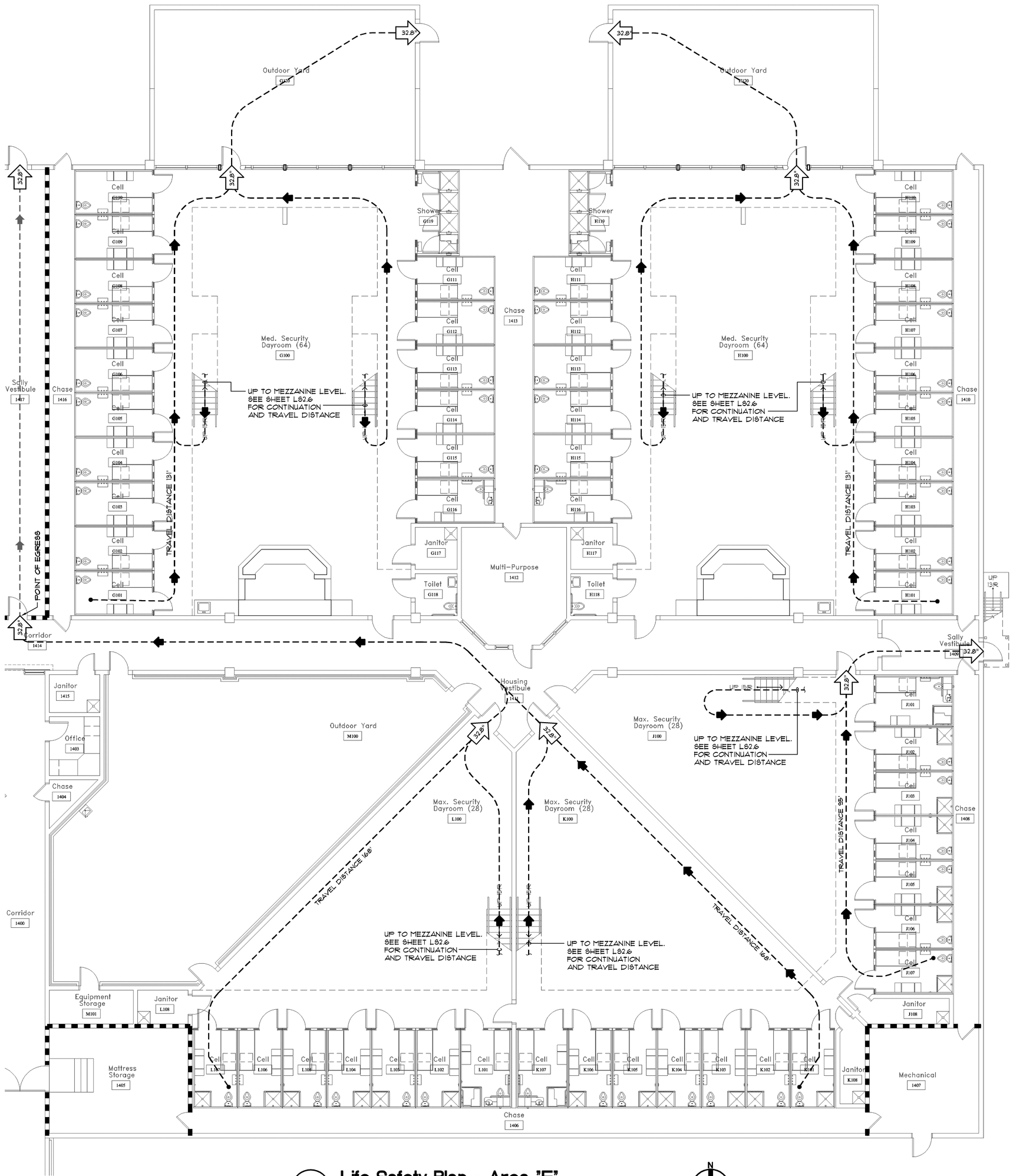
XXX' — DENOTES TRAVEL DIRECTION AND TOTAL DISTANCE

NOTES:

1. REFER TO FIRE-RATING PARTITION WALL LEGEND THIS SHEET AND REFERENCE FLOOR PLANS (A2.8 THROUGH A2.13) FOR PARTITION ASSEMBLY AND HEIGHT REQUIREMENTS.
2. CONTRACTOR SHALL PERMANENTLY IDENTIFY ALL FIRE-RESISTANT RATED WALLS (AND CORRESPONDING FIRE RESISTANCE RATING) INCLUDING FIRE BARRIER WALLS, SMOKE BARRIER WALLS, FIRE PARTITIONS, FIRE WALLS AND SHAFT ENCLOSURES EITHER BY INSTALLING SIGNS OR BY STENCILING IN CONCEALED SPACES THE FOLLOWING: ( ) HOUR FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS. IDENTIFICATION SHALL BE SPACED NO MORE THAN TWELVE (12) FEET ON CENTER WITH A MINIMUM LETTER SIZE OF TWO (2) INCHES IN HEIGHT ON A CONTRASTING BACKGROUND (SBC SECTION 1028 OF THE 2003 GA STATE AMENDMENTS (TITLE 25 STATE FIRE MARSHAL'S RULES AND REGULATIONS CHAPTER 120-3-3).
3. THE PARTITION HATCH PATTERNS INDICATED ON THIS SHEET APPLY ONLY TO THIS SHEET.
4. REFER TO DOOR AND WINDOWS REFERENCE PLANS ON SHEETS A10.14 THRU A10.19 FOR RATED DOOR TYPES.

Life Safety Notes -NFPA 101

CHAPTER 22 NEW DETENTION AND CORRECTIONAL OCCUPANCIES		COMMENT
22.1.2.2 SECTIONS OF DETENTION AND CORRECTIONAL FACILITIES SHALL BE PERMITTED TO BE CLASSIFIED AS OTHER OCCUPANCIES, PROVIDED THAT THEY MEET ALL OF THE FOLLOWING CONDITIONS: (1) THEY ARE NOT INTENDED TO SERVE RESIDENTS FOR SLEEPING PURPOSES. (2) THEY ARE SEPARATED FROM AREAS OF DETENTION OR CORRECTIONAL OCCUPANCIES BY CONSTRUCTION HAVING NOT LESS THAN A 2-HOUR FIRE RESISTANCE RATING.		REFER TO FLOOR PLAN FOR LOCATIONS
22.1.4.1 FOR APPLICATION OF THE LIFE SAFETY REQUIREMENTS OF THIS CHAPTER, THE RESIDENT USER CATEGORY SHALL BE DIVIDED INTO THE FOLLOWING FIVE GROUPS: (D) USE CONDITION IV -IMPEDED EGRESS. FREE MOVEMENT IS RESTRICTED FROM AN OCCUPIED SPACE. REMOTE-CONTROLLED RELEASE IS PROVIDED TO ALLOW MOVEMENT FROM ALL SLEEPING ROOMS, ACTIVITY SPACES, AND OTHER OCCUPIED AREAS WITHIN THE SMOKE COMPARTMENT TO ANOTHER SMOKE COMPARTMENT.		THIS FACILITY USES CONDITION IV
22.2.5.2 NO EXIT OR EXIT ACCESS SHALL CONTAIN A CORRIDOR, HALLWAY, OR AISLE HAVING A POCKET OR DEAD END EXCEEDING 50 FT. (15 M) FOR USE CONDITIONS II, USE CONDITION III, OR USE CONDITION IV AND 20 FT. (6.1 M) FOR USE CONDITION V.		REFER TO FLOOR PLAN FOR LOCATIONS
22.2.7.1 EXITS SHALL BE PERMITTED TO DISCHARGE INTO A FENCED OR WALLED COURTYARD, PROVIDED THAT NOT MORE THAN TWO WALLS OF THE COURTYARD ARE THE BUILDING WALLS FROM WHICH EGRESS IS BEING MADE. ENCLOSED YARDS OR COURTS SHALL BE OF SUFFICIENT SIZE TO ACCOMMODATE ALL OCCUPANTS AT A DISTANCE OF NOT LESS THAN 50 FT. (15 M) FROM THE BUILDING WHILE PROVIDING A NET AREA OF 15 SQ. FT. (1.4 SQ. M) PER PERSON.		REFER TO CIVIL DRAWINGS AND A1.4 FOR EVACUATION YARD
TABLE 22.3.2.1 HAZARDOUS AREA PROTECTION	SEPARATION/PROTECTION	
BOILER AND FUEL-FIRED HEATER ROOMS	1-HR AND SPRINKLERS	REFER TO FLOOR PLAN FOR RATED WALLS
CENTRAL OR BULK LAUNDRIES OVER >100 SQ. FT.	1-HR AND SPRINKLERS	
STORAGE ROOMS >100 SQFT. STORING COMBUSTIBLE MATERIALS	1-HR AND SPRINKLERS	
22.3.4.3.1 OCCUPANT NOTIFICATION. OCCUPANT NOTIFICATION SHALL BE ACCOMPLISHED AUTOMATICALLY IN ACCORDANCE WITH 9.6.3. A POSITIVE ALARM SEQUENCE SHALL BE PERMITTED IN ACCORDANCE WITH 9.6.3.4. EXCEPTION: ANY SMOKE DETECTORS REQUIRED BY THIS CHAPTER SHALL BE PERMITTED TO BE ARRANGED TO ALARM AT A CONSTANTLY ATTENDED LOCATION ONLY AND SHALL NOT BE REQUIRED TO ACCOMPLISH GENERAL OCCUPANT NOTIFICATION.		
22.3.5.2 ALL BUILDINGS CLASSIFIED AS USE CONDITION II, USE CONDITION III, USE CONDITION IV, OR USE CONDITION V SHALL BE PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 9.7.		THE BUILDING IS FULLY SPRINKLERED.
22.3.7.2 WHERE SMOKE BARRIERS ARE REQUIRED BY 22.3.7.1, THEY SHALL BE PROVIDED AS FOLLOWS: (1) THEY SHALL LIMIT THE OCCUPANT LOAD TO NOT MORE THAN 200 RESIDENTS IN ANY SMOKE COMPARTMENT.		THE SMOKE BARRIER IS DELINEATED ON THE FLOOR PLAN.
TABLE 22.3.8 SUBDIVISION OF RESIDENT HOUSING SPACES		REFER TO FLOOR PLAN
FEATURE	USE CONDITION IV	
ROOM TO ROOM SEPARATION	NR	
ROOM FACE TO CORRIDOR SEPARATION	NR	
ROOM FACE TO COMMON SPACE SEPARATION	NR ≤50 FT² (15 M) / SR >50 FT² (15 M)	
COMMON SPACE TO CORRIDOR SEPARATION	NR	
TOTAL OPENINGS IN SOLID ROOM FACE WHEN ROOM FACE IS REQUIRED TO BE SMOKE RESISTANT OR FIRE RATED	120 SQ. IN. (0.08 SQ. M)	
22.7.5 KEYS. ALL KEYS NECESSARY FOR UNLOCKING DOORS INSTALLED IN MEANS OF EGRESS SHALL BE INDIVIDUALLY IDENTIFIED BY BOTH TOUCH AND SIGHT.		



1 L52.4 **Life Safety Plan - Area "E"**

SCALE 1/8" = 1'-0"

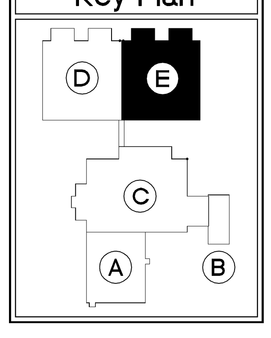
Job North

Fire Extinguisher Legend

- (A) SEMI-RECESSED CABINET IN METAL STUD PARTITION.
- (B) WALL MOUNTED BRACKET.
- (C) SURFACE MOUNTED CABINET ON CMU WALL OR PRECAST PANEL.

REFER TO SPECIFICATIONS FOR INFORMATION ON FIRE EXTINGUISHERS.

Key Plan



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PROJECT

JACKSON COUNTY JAIL
555 GENERAL JACKSON DRIVE
JEFFERSON, GEORGIA 30549

SHEET TITLE

LIFE SAFETY PLAN
AREA E

DESIGN	DRAWN	CHECKED
LGD	DMM	LGD

RELEASE

NO	DATE	DESCRIPTION
	12-21-07	MECHANICAL/ ELECTRICAL BID PACKAGE RELEASE
1	1-04-08	MECHANICAL/ ELECTRICAL BID PACKAGE RELEASE
	03/28/08	BALANCE OF REMAINING BID PACKAGES

03-28-08	DATE
A06136	PROJ. NUMBER
136LS2-4.dwg	CAD FILE NAME
	FILE NUMBER

LS2.4

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