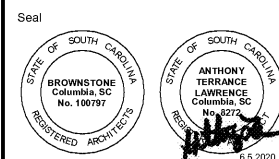


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Client  
**ALLENDALE-FAIRFAX COUNTY SCHOOL DISTRICT**

Project  
**ALLENDALE PRIMARY SCHOOL**

Issued For  
 \* OSF REVIEW SET

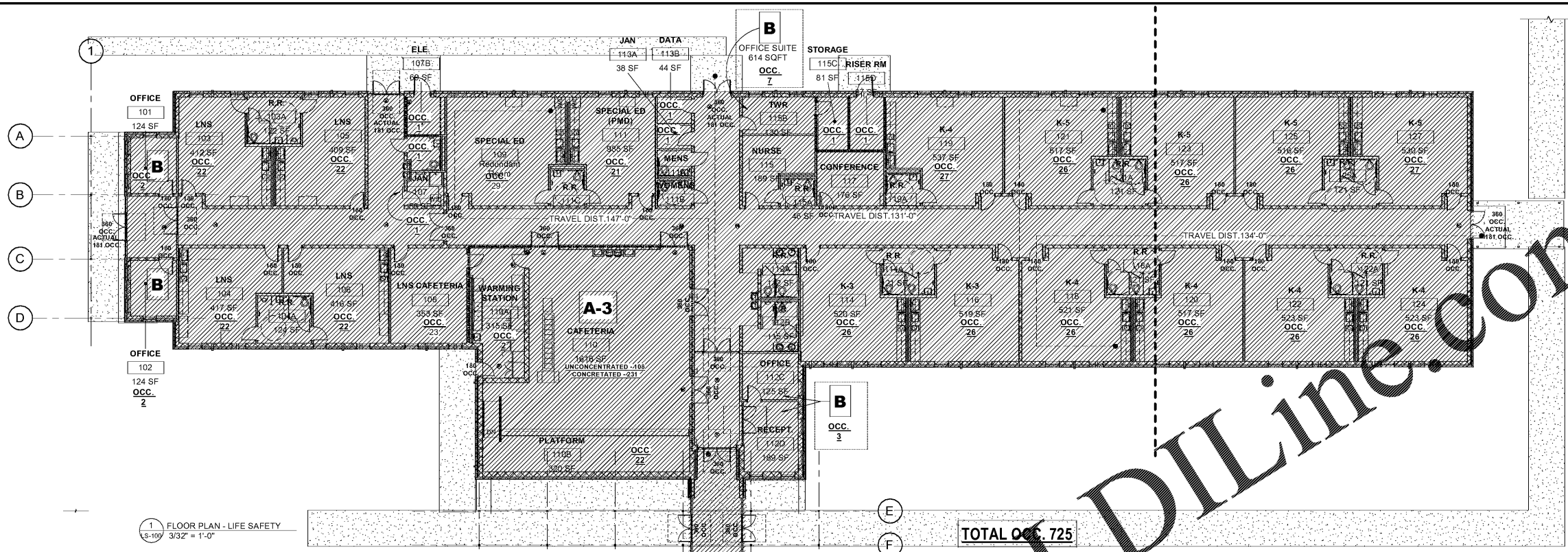
No.	Item	Date

Key Plan

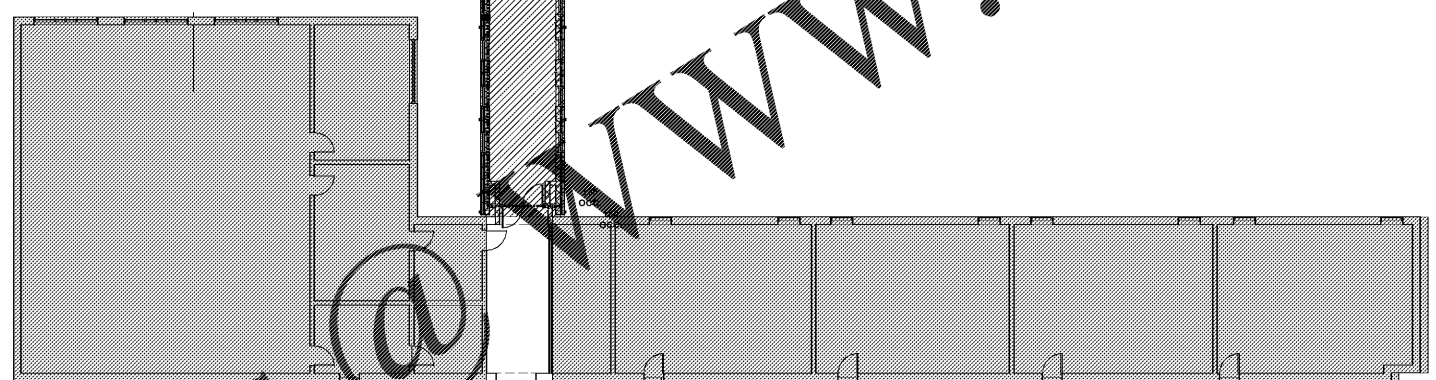
Sheet Title  
**LIFE SAFETY PLAN**

**LS-100**

Drawn By \_\_\_\_\_ Author  
 Checked By \_\_\_\_\_ Checker



1 FLOOR PLAN - LIFE SAFETY  
 1/8"=1'-0"



**ENERGY INFORMATION**

Summary of data from approved ASHRAE 90.1 compliance sheets

Cavity	--
Continuous	21.6
Cavity	15.8
Continuous	3.8
Underslab	--
GLAZING (each type)	
Window to wall ratio	
North	.09
East	?
South	?
West	10.3
Glass Type	
U Factor	0.29
SHG	0.23

**MECHANICAL INFORMATION**

Summary of data from approved ASHRAE 90.1 compliance sheets

GENERAL INFORMATION

Building Location: ALLENDALE S.C.

Climate Zone: 3A

Outdoor Design Temperature:

Summer	94	deg F DB
Winter	21	deg F DB

Indoor Design Temperature:

Summer	72	deg F DB
Winter	50	% RH

OUTSIDE AIR ASHRAE Standard 62-2010

Occupied Minimum Outside Air: 10 cfm PER PERSON

CO2 Demand Management:  NO  YES

Supervised Control System:  NO  YES

MECHANICAL SYSTEMS, SERVICE SYSTEMS & EQUIPMENT

Briefly describe mechanical systems:  
 The HVAC system includes package rooftop heat pumps serving classrooms and Cafeteria. The Office spaces and other support areas are served by variable volume refrigerant system and dedicated outdoor air unit. Toilet ventilation and utility spaces are ventilated by rooftop exhaust fans.

**ELECTRICAL INFORMATION**

Service Transformer:  By Utility  By District

**ELECTRICAL SERVICE INFORMATION**

Service Voltage/Phase: 1200 A Amperes 208V, 3P

Service Entrance Conductors Size: 4 Qty per Phase 3/0 MIL

Total Connected Load: 370

Estimated Maximum Demand: 150 N/A

Available Fault Current in Symmetrical Amperes: 30,000

Interrupting Capacity of Service Overcurrent Device: 42,000

GROUNDING ELECTRODE SYSTEM COMPONENTS (NEC 250): DRIVEN GROUND RODS

**EMERGENCY SERVICE INFORMATION**

Emergency Generator	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	N/A	% KVA
		N/A	% Voltage/Phase
Exit/Emergency Lights Backup Power		N/A	%
		<input checked="" type="checkbox"/> Integral Battery	
		<input type="checkbox"/> Generator	
Fire Alarm System	<input type="checkbox"/> Manual <input checked="" type="checkbox"/> Automatic	<input checked="" type="checkbox"/> Addressable	
		<input type="checkbox"/> Class A	
		<input type="checkbox"/> Class B	
LIGHTNING PROTECTION PROVIDED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		