

DESIGNER

CLARK NEXSEN

301 COLLEGE STREET, SUITE 300
 ASHEVILLE, NORTH CAROLINA 28801
 828-232-9898
 CLARK NEXSEN LICENSE NUMBER: C-1929

CORPORATE SEAL



PROFESSIONAL SEAL



2021.03.15 12:16:21-04'00"

SUBMITTAL

03.12.2021

CONSTRUCTION DOCUMENTS

REVISIONS

KEY PLAN

DESIGN

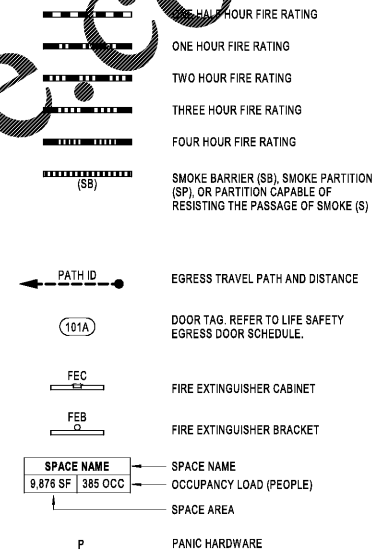
FIRST FLOOR LIFE SAFETY PLAN & UL DETAILS

GI011

DESIGN: C. W. Grant
 DRAWING: A. B. Grant
 REVIEW: C. W. Grant

CN 7904-A

- COORDINATE ALL FIRE EXTINGUISHERS LOCATIONS SHOWN ON PLANS W/ LOCAL FIRE OFFICIALS REQUIREMENTS.
- GC TO PROVIDE & INSTALL ALL BLOCKING IN WALLS AS REQUIRED FOR MOUNTING FIRE EXTINGUISHERS.
- GC TO COORDINATE INSTALLATION REQUIREMENTS OF EXIT SIGNS, ALL ASSOCIATED HARDWARE, JUNCTION BOXES, WIRING & REQUIRED EXIT DEVICES W/ ELECTRICAL DRAWINGS & LOCAL INSPECTOR.
- RATED WALLS AND PARTITIONS REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE PERMANENTLY STENCILED EVERY 10'-0" ABOVE THE CEILING OR CONCEALED SPACE.
 EXAMPLE:
 • 1-HOUR RATED BARRIER - PROTECT ALL OPENINGS



Design No. 19005
 Rev. 06.2014
 Framing Wall Rating — 2 HR
 Nonbearing Wall Rating — 2 HR

This design was prepared using a load design method other than the Linear Static Design Method (i.e., Working Stress Design Method) for applications requiring the Linear Static Design Method, such as: Diaphragm, a load-resisting frame, which is used in the design of concrete structures.

* Indicate work products shall bear the E.I. or C.E. Certification Mark for jurisdictional compliance with the applicable Code of Ordinances.

ANOTHER CONCRETE PRODUCTS:
 1. Concrete Blocks — Follow E-1018 by E.I. or C.E. in order to verify proper installation and use.
 See Concrete Blocks company for list of eligible manufacturers.

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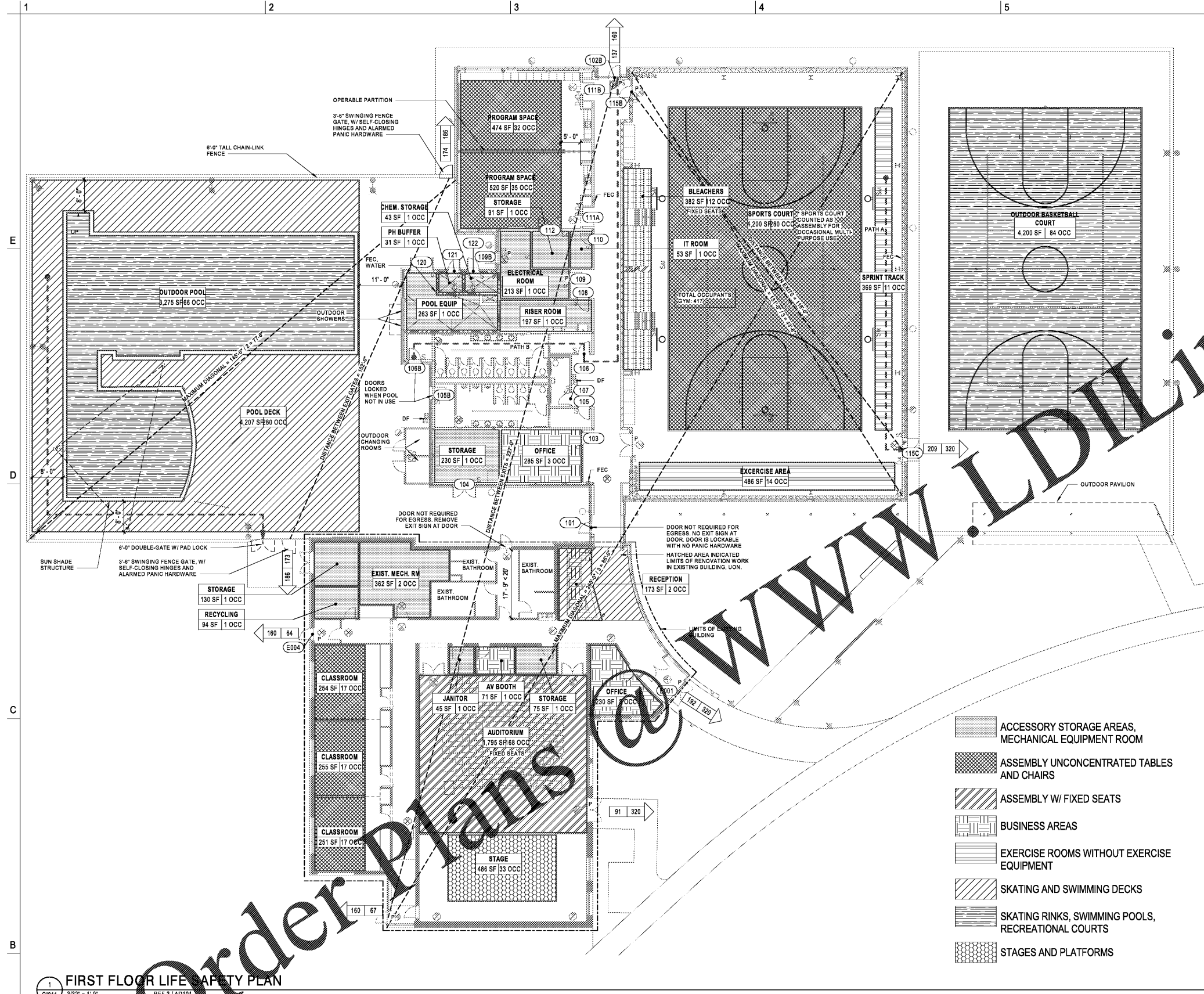
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Particulars (provided by customer) and not included in these drawings shall be the responsibility of the customer. The contractor shall verify the accuracy of the information provided by the customer. The contractor shall be responsible for the accuracy of the information provided by the customer. The contractor shall be responsible for the accuracy of the information provided by the customer.

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- ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM
- ASSEMBLY UNCONCENTRATED TABLES AND CHAIRS
- ASSEMBLY W/ FIXED SEATS
- BUSINESS AREAS
- EXERCISE ROOMS WITHOUT EXERCISE EQUIPMENT
- SKATING AND SWIMMING DECKS
- SKATING RINKS, SWIMMING POOLS, RECREATIONAL COURTS
- STAGES AND PLATFORMS

FIRST FLOOR LIFE SAFETY PLAN
 3/32" = 1'-0" REF 3 / AD101

LIFE SAFETY - OCCUPANT CALCULATION - FIRST FLOOR

LEVEL	PATTERN	OCCUPANCY	SF PER PERSON	OCCUPANCY SF TYPE	AREA	NUMBER OF OCCUPANTS
FIRST FLOOR		ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300	GROSS	1,828 SF	14
FIRST FLOOR		ASSEMBLY UNCONCENTRATED TABLES AND CHAIRS	15	NET	5,954 SF	398
FIRST FLOOR		ASSEMBLY W/ FIXED SEATS	0	(SEE SECTION 1004.4)	2,177 SF	280
FIRST FLOOR		BUSINESS AREAS	100	GROSS	759 SF	9
FIRST FLOOR		EXERCISE ROOMS WITHOUT EXERCISE EQUIPMENT	35	NET	854 SF	25
FIRST FLOOR		SKATING AND SWIMMING DECKS	15	GROSS	4,207 SF	280
FIRST FLOOR		SKATING RINKS, SWIMMING POOLS, RECREATIONAL COURTS	60	GROSS	7,475 SF	150
FIRST FLOOR		STAGES AND PLATFORMS	15	NET	486 SF	33
FIRST FLOOR TOTALS:					23,741 SF	1189

LIFE SAFETY - EGRESS DOOR SCHEDULE

DOOR NO.	CLEAR EGRESS WIDTH PROVIDED	EGRESS WIDTH FACTOR	OCCUPANT LOAD MAX PROVIDED	OCCUPANT LOAD REQUIRED	DELAYED EGRESS (SECONDS)	ELECTROMAGNETIC LOCK	HOLD OPEN DEVICE	PANIC HARDWARE

PATH ID

PATH ID	DISTANCE
A	82' - 6"
B	179' - 6"
C	124' - 6"

NOTE: PATH B IS LONGEST PATH WHEN EXTERIOR BATHROOM DOORS ARE LOCKED OUTSIDE OF POOL USE HOURS AND SEASON.

* NUMBER OF OCCUPANTS IS AN AGGREGATE AND IS A RESULT OF ROUNDING UP INDIVIDUAL AREAS

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