LIFE SAFETY NOTES

1. TEMPORARY BARRIER, INSTALLED BEFORE CONSTRUCTION BEGINS. INFILL ENTIRE ARCHED OPENING. REFER TO A2.6.
2. TEMPORARY BARRIER, INSTALLED BEFORE CONSTRUCTION BEGINS. ATTACH TO UNDERSIDE OF CEILING. DO NOT DAMAGE QUARRY TILE FLOORING. SEE DETAILS ON A2.6.
3. TEMPORARY TUNNEL, INSTALLED BEFORE CONSTRUCTION BEGINS. DO NOT DAMAGE QUARRY TILE FLOORING. SEE DETAILS ON A2.6.
4. TEMPORARY BARRIER, INSTALLED BEFORE CONSTRUCTION BEGINS. DO NOT DAMAGE CONCRETE FLOORING OR METAL RAILING. SEE DETAILS ON A2.6.
5. TEMPORARY DOOR, INSTALLED BEFORE CONSTRUCTION BEGINS. SEE DETAILS ON A2.6.

BUILDING CODE ANALYSIS

NARRATIVE:
Renovation to existing Historically Registered building. Originally a mill, this structure now houses offices and the South Carolina State Museum. Re-roof, replace windows, renovate atrium and greenhouse area. Phased renovation limited to area shown on life safety plan. Tunnel to be constructed before the space shown will be occupied. Temporary life safety and utilities to be installed as part of temporary tunnel.

OSE EXISTING BUILDING TABLE: 2021 Edition

TABLE 3E CODE INFORMATION FOR ADDITIONS, ALTERATIONS, OR CHANGE OF OCCUPANCY TO AN EXISTING STRUCTURE

TYPE OF PROJECT:
☒ Alteration (Chpts. 7, 8 &9) ☐ Addition (Chpt. 11) ☐ Change of Occupancy (Chpt. 10)

METHOD OF COMPLIANCE: (Check only one Option and all items that apply under that Option.)

☐ **Option 1: Prescriptive Compliance Method (Chapter 5)**
☒ **Option 2: Work Area Compliance Method (Chapters 6-12)**
☐ Alteration Level 1, minor including reroofing (Ch. 7)
☒ Alteration Level 2, reconfigurations of space (Ch. 8)
☐ Alteration Level 3, work area exceeds 50% (Ch. 9)
Aggregate area of building: 618,390 SF
Work area: 106,352 SF
☐ **Option 3: Performance Compliance Method (Chapter 13)**

Original Building Code and Edition Applicable at time of Construction: 1985

Existing Sprinkler System?	☒ Yes	☐ No
Existing Fire Alarm System?	☐ Manual	☒ Auto
Seismic Evaluation Required?	☐ Yes	☒ No
Major Facility Project? (See §48-52-810(10)(a))	☐ Yes	☒ No
Change of Occupancy:	☐ Yes	☒ No

Existing Occupancy Classification(s): B, A3
New Occupancy Classification(s): N/A

Historic Building (Chapter 12): ☐ Yes ☐ No
☐ Preservation ☐ Rehabilitation ☒ Restoration ☐ Reconstruction

MAXIMUM EXIT TRAVEL ——— < 250'
(IBC 2018, Table 1017.2)

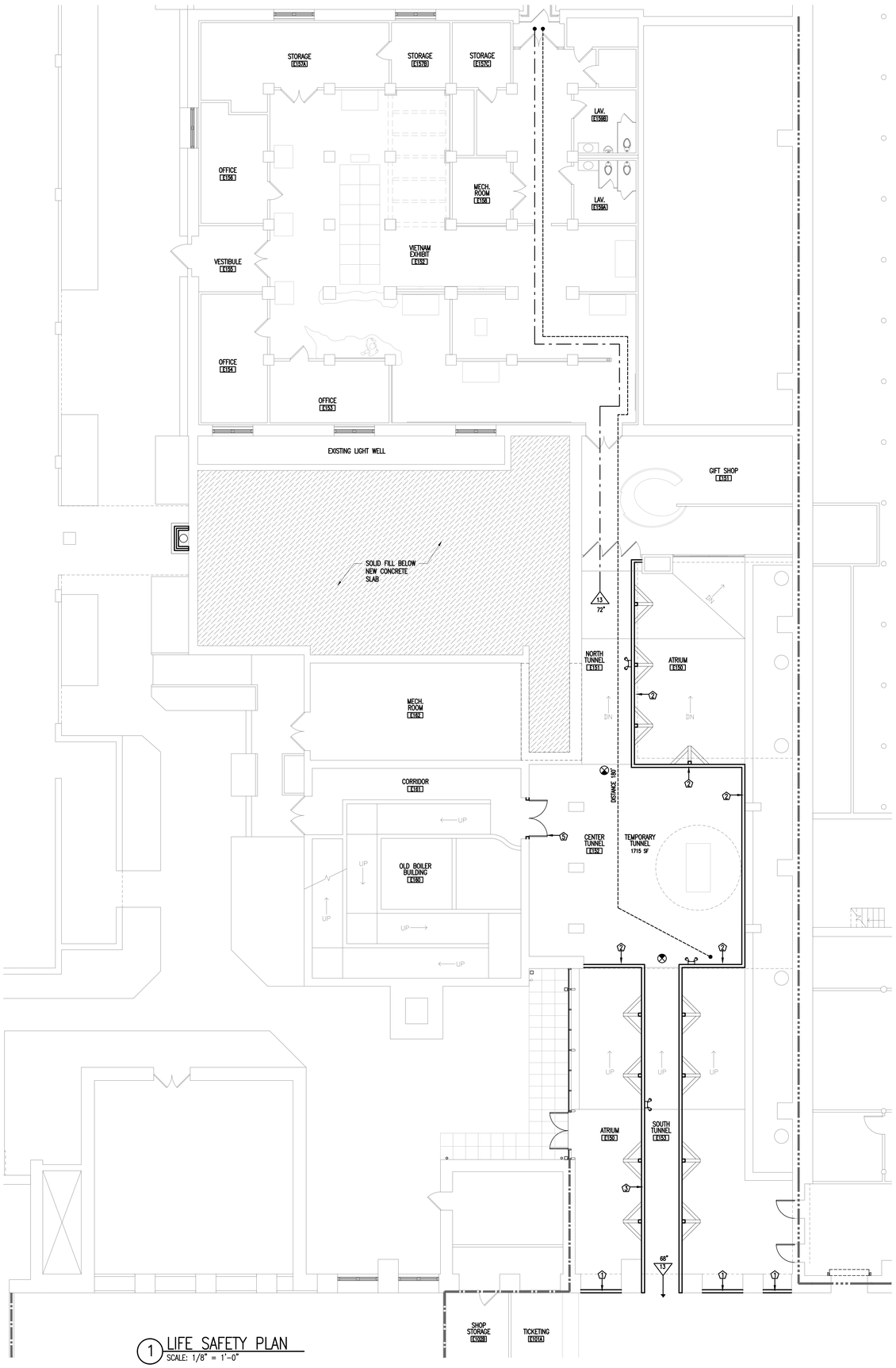
DEAD END CORRIDOR ——— < 50'
(IBC 2018, Section 1020.4)

COMMON PATH LIMIT ——— < 125"
(IBC 2018, Table 106.2.1)

LEGEND

- EXIT SIGN*
- EXIT LIGHTS*
- SMOKE DETECTOR*
- FIRE ALARM HORN/STROBE*
- 11 | 140" — OCCUPANT COUNT / EGRESS WIDTH
- MAXIMUM TRAVEL DISTANCE
- 30 MIN. FIRE PARTITION***
- 1 HOUR FIRE BARRIER**
- 3 HOUR FIRE BARRIER**

* REFER TO ELECTRICAL DRAWINGS
** REFER TO IBC SECTION 707
*** REFER TO IBC SECTION 708



1 LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"

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consultants

client
admin
THE SOUTH CAROLINA DEPARTMENT of ADMINISTRATION

THE SOUTH CAROLINA DEPARTMENT OF ADMINISTRATION
State Project #D50-6037-PD

project name
COLUMBIA MILLS ROOF REPLACEMENT & ATRIUM ROOF/ WINDOW REPLACMENT

A/E project number
20058.01

seals/signature

STATE OF SOUTH CAROLINA — REGISTERED ARCHITECTS — GMK ASSOCIATES ARCHITECTURAL DIVISION, INC. Columbia, SC No. B74015

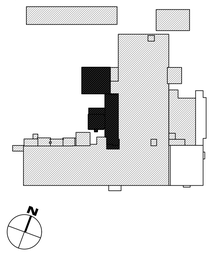
STATE OF SOUTH CAROLINA — REGISTERED ARCHITECT — DOUGLAS WHITE Columbia, SC No. 10505

issued for
CONSTRUCTION DOCUMENTS

date
APRIL 14, 2022

number	item	date

key plan



sheet title
LIFE SAFETY PLAN AND CODE ANALYSIS

sheet number
A0.1

drawn by DBW
checked by TMW