

3 ABBREVIATIONS

LEGEND

1. FOR THE PURPOSE OF THESE DRAWINGS AND ANY ACCOMPANYING SPECIFICATIONS THE TERM "BY G.C." WILL REFER TO ITEMS PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR, THE SUBCONTRACTORS AND OR AGENTS. THE TERM "O.P.C" WILL REFLECT ITEMS PROVIDED BY THE OWNER AND INSTALLED BY THE GENERAL CONTRACTOR. THE TERM "I/C" WILL REFER TO ITEMS NOT IN CONTRACT OR PROVIDED AND INSTALLED BY THE OWNER AND OR THEIR AGENTS.
2. UNLESS NOTED OTHERWISE, ALL ITEMS ARE ASSUMED TO BE BY "G.C."
3. ALL WORK TO BE PERFORMED SHALL COMPLY WITH ALL GOVERNING FEDERAL, STATE AND MUNICIPAL CODES AND ORDINANCES.
4. DO NOT SCALE DRAWINGS
5. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS AND NOTIFY ARCHITECT OF ANY POSSIBLE CONFLICTS PRIOR TO INITIATING ANY WORK IN QUESTION.
6. ALL CONTRACTORS AND SUB CONTRACTORS ARE TO REVIEW ARCHITECTS DRAWINGS AS WELL AS ENGINEER'S DRAWINGS AND COORDINATE EACH WITH THEIR SPECIFIC FIELD. REF. ANY QUESTIONS OR CONFLICTS TO ARCHITECT BEFORE BEGINNING CONSTRUCTION
7. GENERAL CONTRACTOR SHALL VERIFY EXISTENCE OF ALL UNDERGROUND UTILITIES AND PIPING AND PROTECT BEFORE BEGINNING WORK. GENERAL CONTRACTOR SHALL EMPLOY A LOCATION SERVICE AT HIS EXPENSE AND WILL BE RESPONSIBLE FOR ANY REPAIR NECESSARY AS A RESULT OF DAMAGES CAUSED BY CONSTRUCTION OPERATIONS.
8. ANY REFERENCES TO STRUCTURAL REINFORCING IN THE ARCHITECTURAL DRAWINGS IS FOR REPRESENTATIONAL USE ONLY. SEE STRUCTURAL DRAWINGS FOR ALL REQUIRED REINFORCING. LOCATE ALL BOND BEAMS AS PER STRUCTURAL DRAWINGS.

Hanahan recreation Complex
Hanahan, SC

☐ Sprinklered ☒ Not Sprinklered

| Fire Separation Distance | Fire Rating (hrs) |
|---------------------------------------|-------------------|
| <5' from property line | 1 |
| > or = 5' to <10' from property line | 1 |
| > or = 10' to <30' from property line | 0 |
| > or = 30' | 0 |

| MISC. REQUIREMENTS | | NP: not permitted | NL: no limit |
|---|--|-------------------|--------------|
| Building Component | | | Requirement |
| Opening Fire Protection Assemblies (T716.1) | | | N/A |
| Fire Damper Rating (T.717.3.2.1) | | | 1.5 hr / N/A |
| Flame Spread Index-vert extl and extl passages | | | Class A |
| Flame Spread Index-extl access corridors | | | Class B |
| Flame Spread Index-rooms & enclosed spaces | | | Class C |
| Sprinkler System (Section 903) | | | NR |
| Portable Fire Extinguishers | | | (a,b,c) |
| Fire Alarm & Detection Systems - (Sec. 907.2.2) | | | NR |

| | | |
|------|--|--|
| S00 | ARCHITECTURAL COVER | |
| S100 | GENERAL NOTES | M001 MECHANICAL GENERAL NOTES, LEGENDS & ABBREVIATIONS |
| S101 | BASIS OF DESIGN | M002 MECHANICAL SCHEDULES |
| S102 | BASIS OF DESIGN | M101 REC. CENTER BLDG. MECHANICAL PLAN |
| S103 | SPECIAL INSPECTION NOTES | M102 RESTROOMS BLDG. MECHANICAL PLAN |
| S110 | FOUNDATION LAYOUT PLAN | M501 MECHANICAL DETAILS |
| S111 | FOUNDATION LAYOUT PLANS | |
| S120 | ROOF FRAMING LAYOUT PLAN | E001 ELECTRICAL NOTES, LEGENDS & ABBREVIATIONS |
| S121 | ROOF FRAMING LAYOUT PLANS | E101 REC. CENTER BLDG. ELECTRICAL LIGHTING PLAN |
| S122 | SHEARWALL PLAN | E102 REC. CENTER BLDG. ELECTRICAL POWER PLAN |
| S200 | SECTIONS | E103 RESTROOM BLDG. ELECTRICAL PLAN |
| S201 | SECTIONS | E104 PAVILION ELECTRICAL PLAN |
| S202 | SECTIONS | E501 ELECTRICAL DETAILS, & SCHEDULES |
| S203 | SECTIONS | E601 ELECTRICAL SINGLE LINE DIAGRAM, DETAILS & SCHEDULES |
| S204 | SECTIONS | E701 ELECTRICAL SINGLE LINE DIAGRAM |
| S205 | FOUNDATION DETAILS | |
| S300 | FRAMING DETAILS | FA001 FIRE ALARM SPECIFICATIONS |
| A1.1 | RECREATION CENTER FLOOR PLAN | FA101 REC. CENTER BLDG. FIRE ALARM PLAN |
| A1.2 | RESTROOM BUILDING | FA102 RESTROOMS BLDG. FIRE ALARM PLAN |
| A1.3 | PAVILION | |
| A1.4 | RESTROOM DETAILS | |
| A2.1 | REC. CENTER EXTERIOR ELEVATIONS | |
| A2.2 | REC. CENTER EXTERIOR ELEVATIONS | |
| A2.3 | BUILDING SECTIONS | |
| A3.1 | REC. CENTER REFLECTED CEILING PLAN | |
| A3.2 | SEISMIC CEILING DETAILS | |
| A4.1 | ROOF PLANS | |
| A7.1 | CASEWORK ELEVATIONS | |
| A8.1 | SCHEDULES | |
| P001 | PLUMBING GENERAL NOTES, LEGENDS, & ABBREVIATIONS | |
| P002 | PLUMBING SCHEDULES & DETAILS | |
| P101 | REC. CENTER BLDG. PLUMBING SANITARY SEWER PLAN | |
| P102 | REC. CENTER BLDG. PLUMBING DOMESTIC WATER PLAN | |
| P103 | RESTROOMS BLDG. PLUMBING SANITARY SEWER PLAN | |
| P104 | RESTROOMS BLDG. PLUMBING DOMESTIC WATER PLAN | |

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|------|--|
| P001 | PLUMBING GENERAL NOTES, LEGENDS, & ABBREVIATIONS |
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NL: no limit NR: no rating required NA: not applicable

| MEANS OF EGRESS (Chapter 10) | |
|--|----------------------|
| Occupant Load (T.1004.1.2) | 133 occupants |
| Egress width / person - stairways (Sect. 1005.3.1) | 0.3' per person |
| Egress width per person - other Sect. 1005.3.2 | 0.2' per person |
| Spaces with One Exit...(T. 1006.2.1) | 75' max |
| Stories w/ spaces with One Exit...(T. 1006.3.3(2)) | N/A |
| Common Path of Egress Travel (T. 1006.2.1) | 75' |
| Min. No. of Exits Required (1006.3.1) | 2 req'd / 3 provided |
| Illumination Emergency Power (Sect 1008.3.1) | (m) |
| Accessible Means of Egress (Sect. 1009.1) | ground floor |
| Accessible Means of Egress (Sect. 1104.4) | ground floor |
| Size of Doors (Sect. 1010.1) | 32" min. |
| Panic Hardware (Section 1010.1.10) | required |
| Width of Stairways (Sect. 1011.2, exception 1) | 36" clear |
| Width of Ramp (1012.5.1) | 36" clear (N/A) |
| Handrails (Section 1014.2) | 34"-38" |
| Guard Rails (Sect. 1015.3) | 42" |
| Max. Exit Access Travel Dist. (T.1017.2) | 200' |
| Corridor Construction (T.1020.1) | 1hr (if >30 in B) |
| Min. Corridor Width (T. 1020.2) | existing |
| Max. Dead End Corridor (Sect. 1020.4) | 20' |
| Interior Exit Stair (Sect. 1023.2) | 1 hr (NA) |
| Exit Access Stair (Sect. 1019.3) - exception 1 | open |

- a. Minimum Rated Single Extinguisher: 2-A
- b. Maximum Floor Area For Extinguisher: 11,250 sf
- c. Maximum Travel Distance to Extinguisher: 75'
- d. Not required by Section 903.2.1.2 (A2), OR 903.2.6

EXT1

- CAULK, TYP.
- 5/8" GWB
- 2x6 WOOD STUDS @ 16" O.C. W/ R-19 VINYL-FACED INSULATION, TYP.
- 7/16" SHEATHING
- #30 FELT
- HARDIE PLANK SIDING
- 6" HARDIE TRIM, TYP.

EXT2

- HARDIE PLANK SIDING
- #30 FELT VAPOR BARRIER
- 8" REINF. CMU, FILL SOLID

EXT3

- HARDIE PLANK SIDING
- #30 FELT VAPOR BARRIER
- 8" REINF. CMU, FILL SOLID
- 2" RIGID EPS (EXPANDED POLYSTYRENE) INSULATION BOARD W/ 2" Z" FURRING @ 24" O.C.
- REINFORCING MESH EMBEDDED IN STUCCO BASE COAT, COVERED IN SECOND BASE COAT
- 5/8" GWB

CMU 1

- 8" REINF. CMU, FILL SOLID
- 5/8" GWB
- 1/2" HAT CHANNEL FURRING @ 16" O.C.
- 8" REINF. CMU, FILL SOLID

CMU 1-2

- 8" REINF. CMU, FILL SOLID
- 2" RIGID EPS (EXPANDED POLYSTYRENE) INSULATION BOARD W/ 2" Z" FURRING @ 24" O.C.
- REINFORCING MESH EMBEDDED IN STUCCO BASE COAT, COVERED IN SECOND BASE COAT
- STUCCO FINISH COAT

EXT 4

- 8" REINF. SPLIT-FACE CMU

NOTE: HARDIE SIDING ATTACHMENT W/ MASONRY SIDING NAILS SPACED AS PER 2018 IBC. FASTENERS SHALL BE ET&F FASTENING SYSTEMS INC. ET&F BLOCK NAIL (ET & F NO. ASM-144-125, HEAD DIA. = 0.30 IN., SHANK DIA. = 0.14 IN., LENGTH = 1.25-IN. LONG) OR MAX SYSTEM BLOCK NAIL (CP-C 832 W7-CC, HEAD DIA. = 0.30 IN., SHANK DIA. = 0.15 IN., LENGTH = 1.3 IN.) OR AEROSMITH® BLOCK NAIL (5323HP, HEAD DIA. = 0.30 IN., SHANK DIA. = 0.144 IN., LENGTH, 1.25IN.).

S6

- 2x6 WOOD STUDS @ 16" OC
- 5/8" GWB, EA. SIDE

2 WALL TYPES

Occupant Load: Total Occupant Load: 133
Men: 67
Women: 66

See structural notes for required special inspections

7.171.2.1 Fireblocking materials.

Fireblocking shall consist of 2-inch (51 mm) nominal lumber or two thicknesses of 1-4-inch (25 mm) nominal lumber with broken lap joints or one thickness of 1-7/8-inch (38 mm) nominal structural panel with joints staggered. Fireblocking shall be applied to structural panel joints regardless of 0.75-inch (19 mm) fireblockade with joints backed by 0.75-inch (19 mm) particleboard. Gypsum board, cement fiber board, batts or blankets of mineral wool or glass fiber or other approved materials installed in such a manner as to be securely retained in place shall be permitted as an alternative to the above. Fireblocking shall be applied to all wall and ceiling joints. Fireblocking shall be permitted for compliance with the 10-foot (3048 mm) horizontal fireblocking in walls constructed using parallel rods or studs or staggered studs. Loose-fill insulation material shall not be used as a fireblock unless specifically tested in the form and manner required for use to demonstrate its ability to remain in place and to resist the spread of fire and hot gases. The integrity of fireblocking shall be maintained.

J. Section 717.2.2 Concealed wall spaces.
Fireblocking shall be provided in concealed spaces of stud walls and partitions, including furred spaces, and parallel rows of studs or staggered studs, as follows: a. Vertically a. Between floor and ceiling. b. Horizontally at intervals not exceeding 10 feet (3048 mm).

K. 717.2.3 Connections between horizontal and vertical spaces.
Fireblocking shall be provided at interconnections between concealed vertical wall or partition spaces and horizontal spaces created by an assembly of floor joists or trusses, and between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings, cover ceilings and similar locations.

L. Section 717.4.3 (Draftstopping) Other groups.
Draftstopping shall be installed in attics and concealed roof spaces, such that any horizontal area does not exceed 1000 square feet (93.0 m²).

Exception: Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

m. 1006.3 Illumination emergency power.

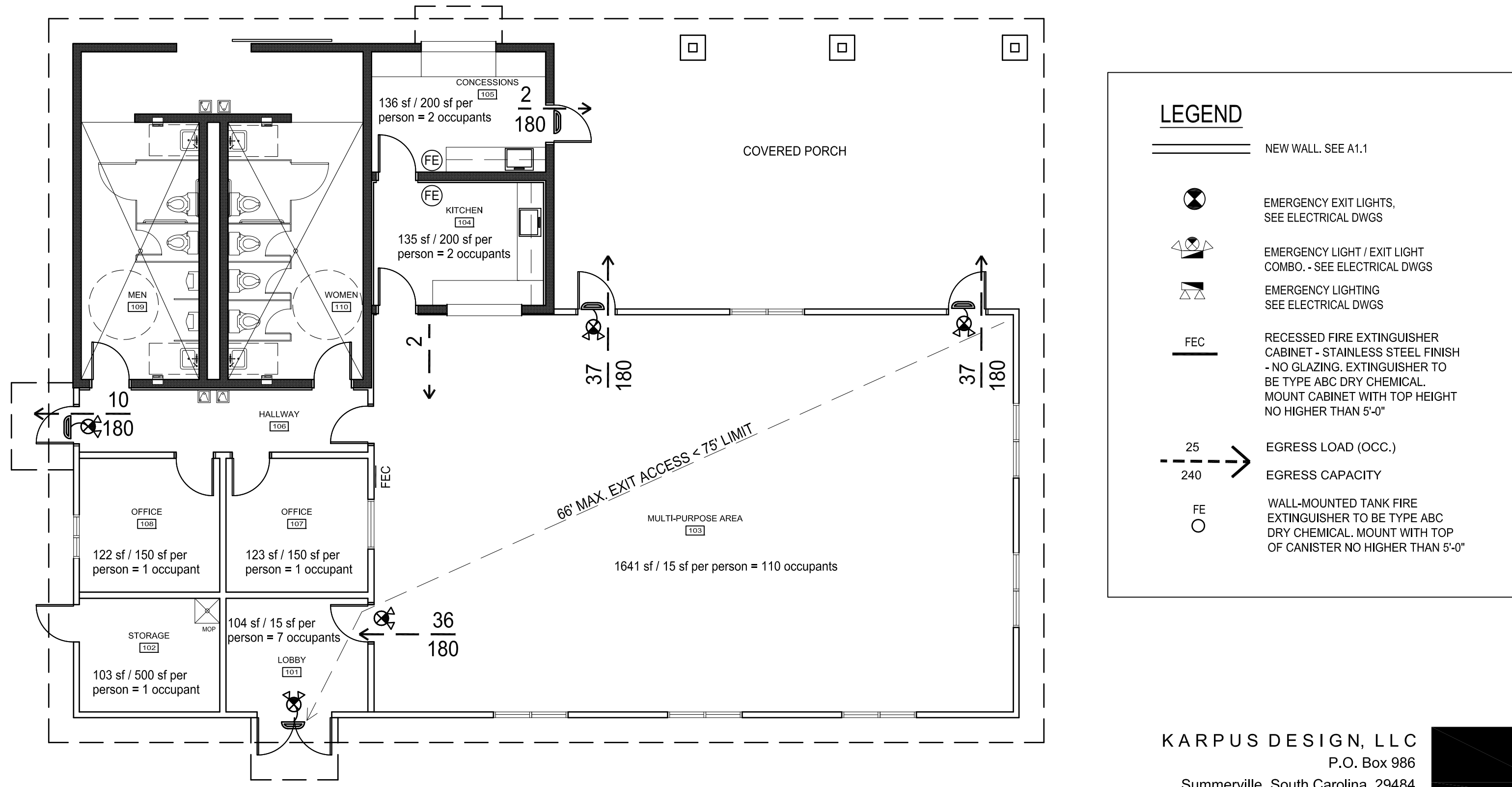
The power supply for means of egress illumination shall normally be provided by the premise's electrical supply. In the event of a power outage, an emergency electrical system shall automatically illuminate the following areas:

1. Exit access corridors, passageways and aisles in rooms and spaces which require two or more means of egress.
2. Exit access corridors and exit stairways located in buildings with three or more stories.
3. Exterior egress components at other than the level of exit discharge until exit discharge is accomplished for buildings required to have two or more exits.
4. Interior exit discharge elements, as permitted in Section 1023.1, if the buildings required to have two or more exits.

5. The installation of the exterior exit discharge immediately adjacent to exit discharge doorways in buildings required to have two or more exits.

The emergency power system shall provide power for a duration of not less than 90 minutes and shall consist of storage batteries, a generator or an on-site generator.

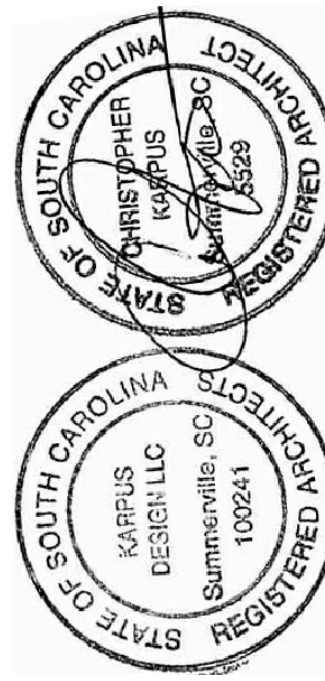
The installation of the emergency power system shall be in accordance with Section 7209.



LIFE SAFETY PLAN

SCALE: NTS

MOUNT PLEASANT, SC
 843.884.1667
 GREENVILLE, SC
 864.298.0534
 SUMMERVILLE, SC
 843.972.0710
 SPARTANBURG, SC
 864.298.0534
 CHARLOTTE, NC
 980.312.5450
 WWW.SEAMONWHITESIDE.COM



**HAN RECREATION
COMPLEX**
CITY OF HANAHAN
HANAHAN, SOUTH CAROLINA

SW+ PROJECT: 7867
DATE: 3/11/21
DRAWN BY: CMK
CHECKED BY: JRP

| REVISION HISTORY | | |
|------------------|---------|---------|
| 0 | BID SET | 2/25/21 |

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GO.0

ARCHITECTURAL COVER