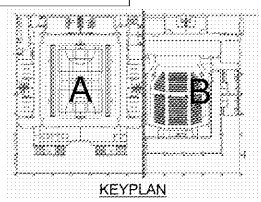


GENERAL NOTES TO FIRE PROTECTION / LIFE SAFETY PLAN

- ALL BUILDINGS SHALL BE COMPLETELY SPRINKLED UTILIZING AN AUTOMATIC WET PIPE SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF N.F.P.A. 13. Refer to Project Manual Section 15200.
- I.B.C. SECTION 302 - OCCUPANCY CLASSIFICATION & TYPE OF CONSTRUCTION
GYMNASIUM & AUDITORIUM - NEW ASSEMBLY OCCUPANCY
CONSTRUCTION TYPE IIB (I.B.C.), NON-COMBUSTIBLE, PROTECTED
- I.B.C. SECTION 504 - BUILDING HEIGHT MODIFICATIONS (TYPE IIB)
504.2 - AUTOMATIC SPRINKLER SYSTEM INCREASE:
MAX. NUMBER OF STORIES: 2 + 1 = 3
MAX. HEIGHT: 55' + 20' = 75'
- I.B.C. SECTION 506 - AREA MODIFICATIONS - NEW ASSEMBLY OCCUPANCY (TYPE IIB)
506.3 AUTOMATIC SPRINKLER SYSTEM INCREASE = 200% INCREASE
9,500 S.F. + 19,000 S.F. = 28,500 S.F.
506.1 FRONTAGE INCREASE = 75% INCREASE
9,500 S.F. X .75 = 7,125 S.F. INCREASE
TOTAL AREA INCREASE:
28,500 S.F. + 7,125 S.F. = 35,625 S.F. MAX. ALLOWABLE AREA PER FLOOR.
- I.B.C. SECTION 506 - AREA MODIFICATIONS - NEW ASSEMBLY OCCUPANCY (TYPE IIB)
506.3 AUTOMATIC SPRINKLER SYSTEM INCREASE = 200% INCREASE
15,500 S.F. + 31,000 S.F. = 46,500 S.F.
506.1 FRONTAGE INCREASE = 75% INCREASE
15,500 S.F. X .75 = 11,625 S.F. INCREASE
TOTAL AREA INCREASE:
46,500 S.F. + 11,625 S.F. = 58,125 S.F. MAX. ALLOWABLE AREA PER FLOOR.

- LEGEND TO LIFE SAFETY PLAN
- Refer to Reflected Ceiling Plan for more detailed wall ratings and additional information on walls.
- Area Or Group of Areas Separated From The Remainder of Building By Partitions And/OR Ceilings Which Resist The Passage of Smoke
 - Area Or Group of Areas Separated From The Remainder of Building By 1 Hour Fire Rated Partitions & Openings
 - Area Separated By 2 Hour Fire Rated Partitions and Openings

- LEGEND TO SYMBOLS:
- SEMI-RECESSED FIRE EXTINGUISHER
 - SURFACE MOUNTED FIRE EXTINGUISHER
 - EXIT LIGHT FIXTURE
- MINIMUM OCCUPANT LOAD (M.O.L.) CALCULATED PER LIFE SAFETY CODE AS FOLLOWS:
- LOBBY AREA - 7 S.F. PER PERSON
 - COMMONS AREA - 15 S.F. PER PERSON
 - OFFICE AREAS - 100 S.F. PER PERSON
 - SHOPS/LABS/OCCASIONAL - 50 S.F. PER PERSON
 - KITCHEN AREA - 100 S.F. PER PERSON
 - PLAYING COURT - 15 S.F. PER PERSON
 - LOCKER ROOMS - 15 S.F. PER PERSON
 - MULTI-PURPOSE - 20 S.F. PER PERSON
 - STAGE & DRESSING ROOMS - 15 S.F. PER PERSON
 - STORAGE/MECHANICAL/ELECTRICAL - NONE



1 LIFE SAFETY PLAN - LEVEL 02
3/32" = 1'-0"

LEGEND TO WALLS:

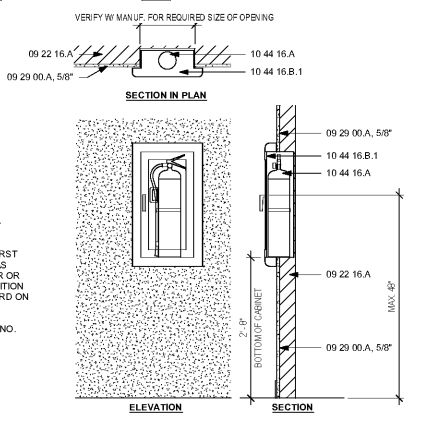
- LEGEND TO WALLS PROVIDES INFORMATION ON INTERIOR WALLS AND WALL RATINGS. REFER ALSO TO FLOOR PLANS, SECTION SECTIONS, WALL SECTIONS AND WALL DETAILS FOR ADDITIONAL INFORMATION ON INTERIOR WALLS.
- REFER TO DRAWING A701 FOR FIRESTOPPING DETAILS.
- REFER TO DRAWING A702 & A703 FOR TYPICAL U.L. DESIGN DETAILS.
- CONTRACTOR SHALL CONSTRUCT ALL WALLS AS INDICATED ON DRAWINGS. CHANGES TO WALL DESIGN IS NOT ALLOWED WITHOUT APPROVAL OF ARCHITECT.

- ENVIRONMENTAL WALLS
- SMOKE RATED WALLS
- ONE HOUR RATED WALLS
- TWO HOUR RATED WALLS

- 0-NRE-B8 "NON-RATED ENVIRONMENTAL PARTITION - CMU" NON RATED CONCRETE BLOCK WALL UP TO FLOOR OR ROOF DECK. BLOCK THICKNESS AS INDICATED ON DRAWINGS.
- 0-NRE-BG "NON-RATED ENVIRONMENTAL PARTITION - CMU + GWB" NON-RATED CONCRETE BLOCK WALL UP TO FIRST COURSE (MIN. 4") ABOVE CEILING. BLOCK THICKNESS AS INDICATED ON DRAWINGS. EXTEND WALL TO FLOOR OR ROOF DECK WITH NON-RATED DRYWALL PARTITION (ONE LAYER OF 1/2" GYPSUM WALL BOARD ON ONE SIDE OF 3/8" METAL STUDS @ 16" O.C.). SEE SPECIFICATIONS FOR METAL STUDS REQUIREMENTS.
- 0-NRP-B "NON-RATED PARTITION - CMU" NON-RATED CONCRETE BLOCK WALL UP TO FIRST COURSE (MIN. 4") ABOVE HIGHEST ADJACENT CEILING UNLESS NOTED OTHERWISE ON DRAWINGS. BLOCK THICKNESS AS INDICATED ON DRAWINGS.
- 0-SRP-B "SMOKE RESISTIVE PARTITION - CMU" NON-RATED CONCRETE BLOCK WALL UP TO FLOOR OR ROOF DECK. BLOCK THICKNESS AS INDICATED ON DRAWINGS. SEAL WALL AT UNDERSIDE OF DECK.

- 0-SRP-BG "SMOKE RESISTIVE PARTITION - CMU + GWB" NON-RATED CONCRETE BLOCK WALL UP TO FIRST COURSE (MIN. 4") ABOVE CEILING. BLOCK THICKNESS AS INDICATED ON DRAWINGS. EXTEND WALL TO FLOOR OR ROOF DECK WITH NON-RATED DRYWALL PARTITION (ONE LAYER OF 1/2" GYPSUM WALL BOARD ON ONE SIDE OF 3/8" METAL STUDS @ 16" O.C.). SEE SPECIFICATIONS FOR METAL STUDS REQUIREMENTS. SEAL WALL AT UNDERSIDE OF DECK.
- 1-FRB-B "1 HOUR - FIRE RATED BARRIER - CMU" 1 HOUR FIRE-RATED CONCRETE BLOCK WALL UP TO FLOOR OR ROOF DECK. BLOCK THICKNESS AS INDICATED ON DRAWINGS. FIRESTOP WALL AT UNDERSIDE OF DECK. U.L. DESIGN NO. U419 AND U506.
- 1-FRB-BG "1 HOUR - FIRE RATED BARRIER - CMU + GWB" 1 HOUR FIRE-RATED CONCRETE BLOCK WALL UP TO FIRST COURSE (MIN. 4") ABOVE CEILING. BLOCK THICKNESS AS INDICATED ON DRAWINGS. EXTEND WALL UP TO FLOOR OR ROOF DECK WITH 1 HOUR FIRE-RATED DRYWALL PARTITION (ONE LAYER OF FIRE-RATED 5/8" GYPSUM WALL BOARD ON EACH SIDE OF 3/8" METAL STUDS @ 16" O.C.). SEE SPECIFICATIONS FOR METAL STUDS REQUIREMENTS. FIRESTOP WALL AT UNDERSIDE OF DECK. U.L. DESIGN NO. U419 AND U506.

- 2-FRB-B "2 HOUR - FIRE RATED BARRIER - CMU" 2 HOUR FIRE-RATED CONCRETE BLOCK WALL UP TO FLOOR OR ROOF DECK. BLOCK THICKNESS AS INDICATED ON DRAWINGS. FIRESTOP WALL AT UNDERSIDE OF DECK. U.L. DESIGN NO. U419 AND U506.
- 2-FRB-BG "2 HOUR - FIRE RATED BARRIER - CMU + GWB" 2 HOUR FIRE-RATED CONCRETE BLOCK WALL UP TO FIRST COURSE (MIN. 4") ABOVE CEILING. BLOCK THICKNESS AS INDICATED ON DRAWINGS. EXTEND WALL UP TO FLOOR OR ROOF DECK WITH 2 HOUR FIRE-RATED DRYWALL PARTITION (TWO LAYERS OF FIRE-RATED 5/8" GYPSUM WALL BOARD ON EACH SIDE OF 3/8" METAL STUDS @ 16" O.C.). SEE SPECIFICATIONS FOR METAL STUDS REQUIREMENTS. FIRESTOP WALL AT UNDERSIDE OF DECK. U.L. DESIGN NO. U419 AND U506.



2 SEMI-RECESSED FIRE EXTINGUISHER @ GYP. BD. & MTL STUD
3/4" = 1'-0"

SA&E PROJECT NUMBER	01-615-056
BID PACKAGE	BP-1
ISSUED FOR CONSTRUCTION	10/15/2019
Southern AE	
7951 Tricon Circle Austell, Ga 30168 (770) 519-7777 architects & engineers	
FACILITY CODE NUMBER: 674-0110	REVISIONS
GYMNASIUM/AUDITORIUM FOR: HEARD COUNTY SCHOOLS	
545 MAIN STREET, FRANKLIN, GA 30217	
HEARD COUNTY SCHOOL SYSTEM FRANKLIN, GEORGIA	
LIFE SAFETY PLAN - LEVEL 02	
DRAWING NUMBER	A103