GRAPHIC LEGEND

- ## / ## — ACTUAL LOAD / MAXIMUM EXIT CAPACITY
- MAXIMUM TRAVEL DISTANCE
- MAXIMUM DIAGONAL DISTANCE
- DISTANCE BETWEEN EXITS

OCCUPANCY CALCULATIONS:

1. REQUIRED MINIMUM OCCUPANCY LOAD	
FIRST FLOOR:	
AUDITORIUM	= 1,448
ASSEMBLY	= 556
CLASSROOM (EDUCATION E 1/20 SF)	= 279
OFFICE (1/100 SF)	= 16
KITCHEN	= 72
LIBRARY	= 46
RESTROOMS	= 0
SECOND FLOOR:	
AUDITORIUM	= 661
ASSEMBLY	= 57
CLASSROOM (EDUCATION E 1/20 SF)	= 257
OFFICE (1/100 SF)	= 13
RESTROOMS	= 0
TOTAL OCCUPANCY LOAD	= 3,405
2. EXITS SEPARATION DISTANCE	
LENGTH OF DIAGONAL	= 191'-8"
1/3 OF 90'-6" (W/SPRINKLER SYSTEM)	= 63'-10"
DISTANCE BETWEEN EXITS	= 84'-3"
3. TRAVEL DISTANCE	
MAX TRAVEL DISTANCE ALLOWED	= 250'-0"
GREATEST DISTANCE PROVIDED	= 198'-0"
4. NUMBER OF EXITS	
NUMBER OF EXITS REQUIRED	= FIFTEEN (15)
NUMBER OF EXITS PROVIDED	= SEVENTEEN (17)
4. MINIMUM EXIT WIDTH	
WIDTH OF EXITS REQUIRED	3,405 X 0.2 = 681.0 IN
WIDTH OF EXITS PROVIDED	64"+64"+64"+64"+64"+64"+64"+64" +32"+64"+64"+64"+32"+30"+30" +30"+60" = 918.0 IN

OPEN TO BELOW

OPEN TO BELOW

STORAGE
OCC. CLASS: N/A
SIZE: 225 SF.
OCC: 0

CHOIR ROOM
OCC. CLASS: A
SIZE: 347 SF.
OCC (1/15 SF): 57

AUDITORIUM
OCC. CLASS: A
FIXED SEAT: 3,816"
OCC (1/18"): 212

OPEN TO BELOW

OPEN TO BELOW

STORAGE
OCC. CLASS: N/A
SIZE: 222 SF.
OCC: 0

STORAGE
OCC. CLASS: N/A
SIZE: 75 SF.
OCC: 0

CLASSROOM
OCC. CLASS: E
SIZE: 126 SF.
OCC (1/20 SF): 6

STORAGE
OCC. CLASS: N/A
SIZE: 82 SF.
OCC: 0

CLASSROOM
OCC. CLASS: E
SIZE: 126 SF.
OCC (1/20 SF): 6

MECHANICAL
OCC. CLASS: N/A
SIZE: 181 SF.
OCC : 0

RESTROOM
OCC. CLASS: N/A
SIZE: 403 SF.
OCC: 0

RESTROOM
OCC. CLASS: N/A
SIZE: 129 SF.
OCC: 0

CLASSROOM
OCC. CLASS: E
SIZE: 275 SF.
OCC (1/20 SF): 14

CLASSROOM
OCC. CLASS: E
SIZE: 229 SF.
OCC (1/20 SF): 15

CLASSROOM
OCC. CLASS: E
SIZE: 223 SF.
OCC (1/20 SF): 11

CLASSROOM
OCC. CLASS: E
SIZE: 256 SF.
OCC (1/20 SF): 13

CLASSROOM
OCC. CLASS: E
SIZE: 224 SF.
OCC (1/20 SF): 11

CLASSROOM
OCC. CLASS: E
SIZE: 1,433 SF.
OCC (1/20 SF): 72

PLATFORM
OCC. CLASS: E
SIZE: 240 SF.
OCC (1/15 SF): 16

ELEMENTARY SANCTUARY
OCC. CLASS: A
SIZE: 1,310 SF.
OCC (1/15 SF): 87

CLASSROOM
OCC. CLASS: E
SIZE: 286 SF.
OCC (1/20 SF): 14

CLASSROOM
OCC. CLASS: E
SIZE: 321 SF.
OCC (1/20 SF): 16

CLASSROOM
OCC. CLASS: E
SIZE: 153 SF.
OCC (1/20 SF): 8

STORAGE
OCC. CLASS: N/A
SIZE: 153 SF.
OCC: 0

OPEN TO BELOW

BREAKOUT
OCC. CLASS: A
FIXED SEAT: 228"
OCC (1/18"): 13

BREAKOUT
OCC. CLASS: A
FIXED SEAT: 228"
OCC (1/18"): 13

BREAKOUT
OCC. CLASS: A
FIXED SEAT: 228"
OCC (1/18"): 13

BREAKOUT
OCC. CLASS: A
FIXED SEAT: 228"
OCC (1/18"): 13

BREAKOUT
OCC. CLASS: A
FIXED SEAT: 228"
OCC (1/18"): 13

BREAKOUT
OCC. CLASS: A
FIXED SEAT: 228"
OCC (1/18"): 13

BREAKOUT
OCC. CLASS: A
FIXED SEAT: 228"
OCC (1/18"): 13

BREAKOUT
OCC. CLASS: A
FIXED SEAT: 228"
OCC (1/18"): 13

BREAKOUT
OCC. CLASS: A
FIXED SEAT: 228"
OCC (1/18"): 13

BREAKOUT
OCC. CLASS: A
FIXED SEAT: 228"
OCC (1/18"): 13

YOUTH SANCTUARY
OCC. CLASS: A
SIZE: 2,561 SF.
OCC (1/15 SF): 171

PLATFORM
OCC. CLASS: E
SIZE: 347 SF.
OCC (1/15 SF): 23

OFFICE
OCC. CLASS: B
SIZE: 292 SF.
OCC (1/100): 3

RESTROOM
OCC. CLASS: N/A
SIZE: 194 SF.
OCC: 0

STORAGE
OCC. CLASS: N/A
SIZE: 168 SF.
OCC: 0

CLASSROOM
OCC. CLASS: E
SIZE: 172 SF.
OCC (1/20 SF): 9

CLASSROOM
OCC. CLASS: E
SIZE: 238 SF.
OCC (1/20 SF): 12

CLASSROOM
OCC. CLASS: E
SIZE: 172 SF.
OCC (1/20 SF): 9

RESTROOM
OCC. CLASS: N/A
SIZE: 172 SF.
OCC: 0

MECHANICAL
OCC. CLASS: N/A
SIZE: 125 SF.
OCC : 0

OFFICE
OCC. CLASS: B
SIZE: 678 SF.
OCC (1/100): 7

OFFICE
OCC. CLASS: B
SIZE: 307 SF.
OCC (1/100): 3

OPEN TO BELOW

MECHANICAL
OCC. CLASS: N/A
SIZE: 206 SF.
OCC : 0

CLASSROOM
OCC. CLASS: E
SIZE: 213 SF.
OCC (1/20 SF): 11

CLASSROOM
OCC. CLASS: E
SIZE: 753 SF.
OCC (1/20 SF): 38

01 ***SECOND FLOOR LIFE SAFETY PLAN***
SCALE: NTS

FILE: C:\Users\Kory Cooper\appdata\local\temp\AcPublish_12048\G-100.dwg
SCALE: 1 DATE/TIME: Apr 13, 2017 — 10:31am
USER: Kory Cooper XREF(s): titleblock_3042.dwg xbase-LEVEL1 Phase 1.dwg xbase-GRID1.dwg xbase-LEVEL2.dwg xbase-GRID2.dwg

REGISTERED ARCHITECT
KORY ALAN BRISTOW
26805
STATE OF TEXAS
04.13.17

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DRAWN BY:	KJC
CHECKED BY:	DD
DATE:	04.12.2017
REVISIONS:	
PROJECT NO.:	16054

SHEET TITLE:
LIFE-SAFETY FLOOR PLAN LEVEL 2

SHEET NO.:
G-102