



FIRE PROTECTIVE GLAZING CALC.			
TOTAL WALL AREA:	[FW-1]	96'-8" x 8'-4" =	805 SF
MAX. FIRE PROTECTIVE GLAZING:	805(25) =		201 SF
TOTAL ACTUAL WINDOW AREA (W1):			84 SF
TOTAL WALL AREA:	[FW-2]	101'-10" x 8'-4" =	849 SF
MAX. FIRE PROTECTIVE GLAZING:	849(25) =		212 SF
TOTAL ACTUAL WINDOW AREA (W2, W3):			55 SF
TOTAL WALL AREA:	[FW-3]	92'-7" x 8'-4" =	771 SF
MAX. FIRE PROTECTIVE GLAZING:	771(25) =		192 SF
TOTAL ACTUAL WINDOW AREA (W4, W5, W6, W7):			87 SF
TOTAL WALL AREA:	[FW-4]	74'-6" x 8'-4" =	620 SF
MAX. FIRE PROTECTIVE GLAZING:	620(25) =		155 SF
TOTAL ACTUAL WINDOW AREA (W8):			39 SF
TOTAL WALL AREA:	[FW-5]	25'-0" x 8'-4" =	208 SF
MAX. FIRE PROTECTIVE GLAZING:	208(25) =		52 SF
TOTAL ACTUAL WINDOW AREA (W9):			32 SF
TOTAL WALL AREA:	[FW-6]	21'-9" x 8'-4" =	181 SF
MAX. FIRE PROTECTIVE GLAZING:	181(25) =		45 SF
TOTAL ACTUAL WINDOW AREA (W10):			32 SF
TOTAL WALL AREA:	[FW-7]	35'-5" x 8'-4" =	295 SF
MAX. FIRE PROTECTIVE GLAZING:	295(25) =		73 SF
TOTAL ACTUAL WINDOW AREA (W11):			39 SF
TOTAL WALL AREA:	[FW-8]	17'-8" x 8'-4" =	147 SF
MAX. FIRE PROTECTIVE GLAZING:	147(25) =		36 SF
TOTAL ACTUAL WINDOW AREA (W12):			15 SF
TOTAL WALL AREA:	[FW-9]	89'-10" x 8'-4" =	748 SF
MAX. FIRE PROTECTIVE GLAZING:	748(25) =		187 SF
TOTAL ACTUAL WINDOW AREA (W13, W14, W15):			118 SF
TOTAL WALL AREA:	[FW-10]	58'-2" x 8'-4" =	484 SF
MAX. FIRE PROTECTIVE GLAZING:	484(25) =		121 SF
TOTAL ACTUAL WINDOW AREA (W16, W17, W18):			90 SF
TOTAL WALL AREA:	[FW-11]	58'-2" x 8'-4" =	484 SF
MAX. FIRE PROTECTIVE GLAZING:	484(25) =		121 SF
TOTAL ACTUAL WINDOW AREA (W19, W20, W21):			90 SF
TOTAL WALL AREA:	[FW-12]	89'-10" x 8'-4" =	748 SF
MAX. FIRE PROTECTIVE GLAZING:	748(25) =		187 SF
TOTAL ACTUAL WINDOW AREA (W22, W23, W24):			118 SF

NOTE: EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR AUTHORIZED AGENT. BUILDING CODE 1004.3. FIRE CODE 1004.3

- ### GENERAL NOTES
- GRIDLINES ARE FOR LOCATION OF CENTERLINES OF STRUCTURAL STEEL COLUMNS, CENTERLINES OF STRUCTURAL WALLS AND EDGE OF WALL, U.N.O.
 - DIMENSIONS (EXCEPT GRIDLINES) ARE: EXTERIOR WALLS TO FACE OF SHEATHING AT EXTERIOR SIDE, AND FACE OF DRYWALL AT INTERIOR U.N.O.
 - ALL RAIN WATER LEADERS, OVERFLOW PIPES, PLUMBING PIPING, ELECTRICAL CONDUIT, ETC. SHALL BE CENTERED IN WALL FRAMING U.N.O.
 - ALL EXTERIOR SURFACE MOUNTED PLUMBING PIPES SHALL BE GALVANIZED SHEET METAL U.N.O. RE: PLUMBING FOR ADDITIONAL INFORMATION
 - FLOOR PLANS COMMUNICATE BUILDING INFORMATION ONLY. SEE CIVIL & LANDSCAPE DRAWINGS FOR ALL SITE WORK INFORMATION. NOTIFY ARCHITECT IMMEDIATELY IF DISCREPANCIES OCCUR PRIOR TO COMMENCEMENT OF WORK.
 - PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN LOCATIONS AS REQUIRED BY FIRE CODE 906.

- ### EGRESS PLAN NOTES
- FOR EXISTING STAIRS TO REMAIN EXCEPT #1 OF CBC 1005.3.1 IS BEING USED FOR AN EGRESS FACTOR OF 0.2" PER OCCUPANT. EGRESS CAPACITY FACTOR OF 0.2" PER OCCUPANT CAN BE USED IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.11 OR 903.3.1.2 AND EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM IN ACCORDANCE WITH SECTION 907.5.2.2. FIRE LIFE SAFETY SYSTEM INCLUDING FIRE ALARM IS A DEFERRED SUBMITTAL. SEE A-0.0.

- ### KEYED NOTES
- NOTE: NOT ALL KEY NOTES ARE USED ON THIS SHEET
- OCCUPANT LOAD IS GREATER THAN 50. OCCUPANTS THEREFORE TWO EXITS ARE PROVIDED AND DOORS SWING IN THE DIRECTION OF TRAVEL.
 - DAY CARE ROOM WHERE CARE IS PROVIDED FOR MORE THAN 10 CHILDREN THAT ARE 2 YEARS OF AGE OR LESS SHALL HAVE ACCESS TO NOT LESS THAN TWO EXITS OR EXIT ACCESS DOORWAYS (1006.2.2.4)
 - 1 HOUR RATED CORRIDOR RE: 9 & 11/A-9.1 WALLS ARE FULL HEIGHT TO UNDERSIDE OF FLOOR OR ROOF STRUCTURE ABOVE. CORRIDOR WALL IS CONSIDERED A FIRE PARTITION PER 709.1 ITEM #3 AND SHALL COMPLY WITH THIS SECTION
 - FIRE PROTECTIVE GLAZING REQUIRED. 1 HOUR RATED CORRIDOR WHERE INTERIOR WINDOW DOES NOT EXCEED 25% OF WALL AREA. (716.6.7.2) 45 MIN. RATED FIRST SUPERCLEAR 45-HS-L GLAZING OR EQUAL. FRAME TO BE A HOLLOW METAL FRAME MATCHING THE SAME FIRE RATING AS THE GLAZING. 45 MIN.
 - FIRE RESISTIVE GLAZING REQUIRED. 1 HOUR RATED CORRIDOR WHERE INTERIOR WINDOW EXCEEDS 25% OF WALL AREA.
 - ASSEMBLY ROOM THAT HAS MORE THAN 300 OCCUPANTS SHALL LEAD TO A 1 HOUR RATED CORRIDOR TO AN EXIT (1029.3)
 - SEE ELECTRICAL PLANS FOR LOCATION OF ILLUMINATED EXIT SIGNS. FLOOR-LEVEL EXIT SIGNS TO BE PROVIDED IN ALL INTERIOR CORRIDORS. FLOOR-LEVEL EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED PHOTO LUMINESCENT. BOTTOM OF SIGN SHALL BE NOT LESS THAN 6" OR MORE THAN 8" AFF. (CBC 1013.7)

CODE REFERENCE

TABLE 1006.2.1- SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY- WITH SPRINKLER SYSTEM			
A OCCUPANCY	49 OCC. MAX.	75' C.P.E.T.	
B OCCUPANCY	49 OCC. MAX.	100' C.P.E.T.	
E OCCUPANCY	49 OCC. MAX.	75' C.P.E.T.	

TABLE 1017.2- MAX EXIT ACCESS TRAVEL DISTANCE- WITH SPRINKLER SYSTEM			
A OCCUPANCY	250'-0" MAX		
B OCCUPANCY	300'-0" MAX		
E OCCUPANCY	250'-0" MAX		

TABLE 1004.1.2- MAX FLOOR AREA ALLOWANCES PER OCCUPANT			
ASSEMBLY WITHOUT FIXED SEATS			
CONCENTRATED			
(CHAIRS ONLY NOT FIXED)	1 OCC. PER 7 SF NET		
STANDING	1 OCC. PER 5 SF NET		
UNCONCENTRATED	1 OCC. PER 15 SF NET		
BUSINESS	1 OCC. PER 100 SF GROSS		
KITCHEN	1 OCC. PER 200 SF GROSS		
STORAGE	1 OCC. PER 500 SF GROSS		
[28] "SOLAR READY" AREA RE: ELECTRICAL PLANS			

- ### WALL/SYMBOLS LEGEND
- NOTE: NOT ALL SYMBOLS ARE USED ON THIS SHEET
- WALL TAGS WITH 1HR TAG INDICATE THE WALL IS A 1 HR RATED WALL EXTENDING FULL HEIGHT TO THE UNDERSIDE OF STRUCTURE ABOVE. WALL TO BE FIRE RATED AND PENETRATIONS TO BE FIRE CAULKED AND COMPLY WITH CBC 714.3.1 THROUGH 714.3.3. SEE A-9.1 FOR DETAILS. TYP. FOR UL 1465
- (A) EXISTING EXTERIOR CMU WALL WITH EXISTING INTERIOR FURRED WALL:
 - (E) 8" CMU WALL
 - (E) 7/8" HAT TRACK
 - (E) FOAM INSULATION BETWEEN TRACKS
 - (E) 5/8" GYP. BD. ON INTERIOR (PROVIDE NEW GYP. BD. AS REQUIRED)
 - RE: 1/A-9.1
 - (B) EXISTING CMU SHEAR WALL AND EXISTING INTERIOR FURRING TO REMAIN; 8" CMU WALL RE: 2/A-9.1
 - (C) INTERIOR FULL HEIGHT METAL STUD WALL:
 - 3-5/8" 20 GA. MTL. STUDS @ 24" O.C.
 - ONE LAYER 5/8" TYPE 'X' GYP. BD. EACH SIDE RE: 3/A-9.1
 - (D) INTERIOR FULL HEIGHT METAL STUD WALL:
 - 6" 20 GA. MTL. STUDS @ 24" O.C.
 - ONE LAYER 5/8" TYPE 'X' GYP. BD. EACH SIDE
 - ONE HOUR RATED RE: 4/A-9.1
 - (E) INTERIOR FULL HEIGHT METAL STUD WALL:
 - 6" 20 GA. MTL. STUDS @ 24" O.C.
 - ONE LAYER 5/8" TYPE 'X' GYP. BD. EACH SIDE RE: 5/A-9.1
 - (F) INTERIOR FULL HEIGHT METAL STUD WALL:
 - 3-5/8" 20 GA. MTL. STUDS @ 24" O.C.
 - ONE LAYER 5/8" TYPE 'X' GYP. BD. EACH SIDE RE: 6/A-9.1
 - (G) INTERIOR FULL HEIGHT METAL STUD WALL:
 - 7-1/4" 20 GA. MTL. STUDS @ 24" O.C.
 - ONE LAYER 5/8" TYPE 'X' GYP. BD. EACH SIDE RE: 7/A-9.1
 - (H) NEW DOOR PER DOOR SCHEDULE 1/A-6.0
 - (I) EXISTING WINDOW TO REMAIN
 - (J) NEW WINDOW; SEE 2/A-10.0, A-3.0, A-3.1
 - (K) KNOX BOX LOCATED AS PER FIRE DEPTMENT REQUIREMENTS. CONFIRM LOCATION IS

REVISIONS

DATE/DELTA	REMARKS
10/29/19	PLAN CHECK
02/10/20	OWNER REVISIONS
04/10/20	PLAN CHECK
11/06/20	BIDDING RT'S
05/06/21	COORDINATION
11/29/21	PLAN REVISIONS

LANCASTER BAPTIST CHURCH

NORTH AUDITORIUM "KID CITY" IMPROVEMENTS

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SEAL OF ARCHITECT

STATE OF CALIFORNIA

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SHEET TITLE:

SECOND FLOOR EGRESS PLAN

SUB DATE

07/08/19

BID DATE

03/19/19

DATE:

KCC

DRAWN BY:

11761

JOB NO:

KAJ

CHECKED BY:

SHEET NUMBER:

A-3.1