APPLICABLE CODES AS OF DATE OF DESIGN CONTRACT

CODE	DATE
INTERNATIONAL BUILDING CODE (EXCEPT CHAPTER 1 & 11)	2018
INTERNATIONAL BUILDING CODE - CHAPTER 11	2018
INTERNATIONAL FIRE CODE	2018
INTERNATIONAL MECHANICAL CODE	2018
INTERNATIONAL PLUMBING CODE	2018
INTERNATIONAL ENERGY CONSERVATION CODE	2018
NEC ELECTRICAL CODE	2017
ICC ANSI A117.1	2009
LOCAL CODE AMENDMENTS	NONE

COCALICO SCHOOL DISTRICT - COCALICO MIDDLE SCHOOL

INTERNATIONAL BUILDING CODE (2018)

(SECTION 305) USE GROUP CLASSIFICATION	E
(SECTION 602) TYPE OF CONSTRUCTION	II-B
SPRINKLERED	YES
TOTAL BUILDING AREA	163,418 SF

TOTAL BUILDING AREA CALCULATION

BASEMENT	5,619 SF
FIRST FLOOR	115,357 SF
SECOND FLOOR	42,442 SF
TOTAL	163,418 SF

GENERAL NOTES - CHAPTER 4

SECTION 410.3 - PLATFORM CONSTRUCTION
PERMANENT PLATFORMS SHALL BE CONSTRUCTED OF MATERIALS AS REQUIRED FOR THE TYPE OF CONSTRUCTION, SHALL NOT BE MORE THAN 30" ABOVE THE MAIN FLOOR, NOT MORE 1/3 OF THE ROOM FLOOR AREA AND NOT MORE THAN 3,000 SF.

GENERAL NOTES - CHAPTER 6

TABLE 601 - FIRE-RESISTIVE RATING REQUIREMENTS
TYPE III CONSTRUCTION REQUIRES EXTERIOR BEARING WALLS TO BE 2-HOUR RATED. THE EXTERIOR WALLS FOR THIS STRUCTURE ARE NOT LOAD BEARING.

SECTION 602.3 - TYPE III
EXTERIOR WALLS SHALL BE OF NONCOMBUSTIBLE MATERIALS AND INTERIOR BUILDING ELEMENTS SHALL BE OF ANY MATERIAL PERMITTED BY THIS CODE.

TABLE 602 - FIRE-RESISTIVE RATING REQUIREMENTS FOR EXTERIOR WALLS
'E' OCCUPANCY, TYPE III-B, WITH A FIRE SEPARATION DISTANCE GREATER THAN 30'-0" REQUIRES NO FIRE RATING.

GENERAL NOTES - CHAPTER 7

SECTION 703.7 - MARKING AND IDENTIFICATION
FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANOTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. SUCH IDENTIFICATION SHALL:
1. BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR *ATTIC* SPACES;
2. BE REPEATED AT INTERVALS NOT EXCEEDING 30 FEET (914 MM) MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION; AND
3. INCLUDE LETTERING NOT LESS THAN 0.5 INCH (12.7 MM) IN HEIGHT, INCORPORATING THE SUGGESTED WORDING: "FIRE AND/OR SMOKE BARRIER-PROTECT ALL OPENINGS," OR OTHER WORDING.

REFER TO SPECIFICATION SECTION 07 84 46 3.4 IDENTIFICATION

SECTION 707.3.10 - FIRE AREAS
THE FIRE BARRIERS AND / OR HORIZONTAL ASSEMBLY SEPARATING A SINGLE OCCUPANCY INTO DIFFERENT FIRE AREAS SHALL RATING AS INDICATED IN TABLE 707.3.9 (OCCUPANCY 'E' = 2 HOUR FIRE RESISTANCE RATING).

SECTION 707.5 - CONTINUITY
FIRE BARRIERS SHALL EXTEND FROM TOP OF FLOOR / CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF FLOOR OR ROOF SHEATHING, SLAB OR DECK ABOVE, AND SECURELY ATTACHED THERETO.

SECTION 713 - SHAFT ENCLOSURES
SHAFT ENCLOSURES SHALL BE CONSTRUCTED AS FIRE BARRIERS AND / OR HORIZONTAL ASSEMBLIES. OPENINGS THOROUGH A FLOOR / CEILING ASSEMBLY SHALL BE PROTECTED BY A SHAFT ENCLOSURE. FIRE RESISTANCE RATING OF SHAFT ENCLOSURES SHALL BE NOT LESS THAN 1 HOUR WHERE CONNECTING LESS THAN FOUR STORIES.

SECTION 708.14.1 - ELEVATOR LOBBY
AN ENCLOSED ELEVATOR LOBBY IS NOT REQUIRED PER EXCEPTION #3, WHERE THE BUILDING IS PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM.

SECTION 708 - FIRE PARTITIONS
CORRIDORS SHALL BE FIRE PARTITIONS AS REQUIRED BY TABLE 1018.1.
(TABLE 1018.1 STATES THAT 'E' OCCUPANCY FULLY SPRINKLERED BUILDING REQUIRES NO FIRE RATING OF CORRIDORS).

SECTION 714 - PENETRATIONS
PENETRATIONS OF ALL FIRE BARRIERS, FIRE PARTITIONS & HORIZONTAL ASSEMBLIES SHALL MAINTAIN THE INTEGRITY OF THE SEPARATION. REFER TO SPECIFICATIONS.

GENERAL NOTES - CHAPTER 9

SECTION 901.6.1 - AUTOMATIC SPRINKLER SYSTEMS
SHALL BE MONITORED BY AND APPROVED SUPERVISING STATION.

SECTION 901.6.2 - FIRE ALARM SYSTEMS
SHALL BE MONITORED BY AND APPROVED SUPERVISING STATION.

SECTION 903.2.3 - GROUP 'E'
AUTOMATIC SPRINKLER SYSTEMS SHALL BE PROVIDED THROUGHOUT ALL FIRE AREAS GREATER THAN 12,000 SF.

SECTION 903.2.11.5 - COMMERCIAL COOKING OPERATIONS
AN AUTOMATIC SPRINKLER SYSTEM SHALL BE INSTALLED IN COMMERCIAL KITCHEN EXHAUST HOOD AND DUCT SYSTEM.

SECTION 903.3.1.1 - NFPA 13 SPRINKLER SYSTEMS
AUTOMATIC SPRINKLER SYSTEMS SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH NFPA 13, EXCEPT AS PROVIDED IN SECTION 903.3.1.1.1.

SECTION 903.4 - SPRINKLER SYSTEM SUPERVISION AND ALARMS
VALVES CONTROLLING THE WATER SUPPLY, PUMPS, TANKS, WATER LEVELS & TEMPERATURES, CRITICAL AIR PRESSURES AND WATER FLOW SWITCHES SHALL BE ELECTRICALLY SUPERVISED BY A LISTED FIRE ALARM CONTROL UNIT.

GENERAL NOTES - CHAPTER 9 (CONTINUED)

SECTION 903.4.1 - MONITORING
ALARM, SUPERVISORY AND TROUBLE SIGNALS SHALL BE DISTINCTLY DIFFERENT AND SHALL BE AUTOMATICALLY TRANSMITTED TO AN APPROVED SUPERVISING STATION.

SECTION 903.4.2 - ALARMS
APPROVED AUDIBLE DEVICES SHALL BE CONNECTED TO THE SPRINKLER SYSTEM. SUCH SPRINKLER WATER FLOW ALARM DEVICES SHALL BE ACTIVATED BY WATER FLOW EQUIVALENT TO THE FLOW OF A SINGLE SPRINKLER OF THE SMALLEST ORIFICE SIZE INSTALLED IN THE SYSTEM. ALARM DEVICES SHALL BE PROVIDED ON THE EXTERIOR OF THE BUILDING IN AN APPROVED LOCATION. ACUATION OF THE SPRINKLER SYSTEM SHALL ACTUATE THE BUILDING FIRE ALARM SYSTEM.

SECTION 904 - ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS
REFER TO SPECIFICATION AND PLANS FOR LOCATIONS AND REQUIREMENTS FOR ALTERNATE EXTINGUISHING SYSTEMS UTILIZED.

SECTION 904.12 - COMMERCIAL COOKING SYSTEMS
AUTOMATIC FIRE-EXTINGUISHING SYSTEM FOR COMMERCIAL COOKING SYSTEMS SHALL BE OF A TYPE RECOGNIZED FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT AND EXHAUST SYSTEMS OF THE TYPE AND ARRANGEMENT PROTECTED AND SHALL BE LISTED AND LABELED. REFER TO FOOD SERVICE DRAWINGS AND SPECIFICATIONS.

SECTION 906.1 - PORTABLE FIRE EXTINGUISHERS
PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS.
1. IN ALL GROUP A, B, E, F, H, I, M, R-1, R-2, R-4, AND S OCCUPANCIES.
2. WITHIN 30 FEET OF COMMERCIAL COOKING EQUIPMENT
3. IN AREAS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED, USED OR DISPENSED.
4. ON EACH FLOOR OF STRUCTURES UNDER CONSTRUCTION, EXCEPT GROUP R-3 OCCUPANCIES, IN ACCORDANCE WITH SECTION 1415.1.
5. WHERE REQUIRED BY TABLE 906.1.
6. SPECIAL HAZARD AREAS, INCLUDING BUT NOT LIMITED TO LABORATORIES, COMPUTER ROOMS AND GENERATOR ROOMS, WHERE REQUIRED BY THE FIRE CODE OFFICIAL.

SECTION 907 - FIRE ALARM AND DETECTION SYSTEMS
SECTION 907.1.2 - FIRE ALARM SHOP DRAWINGS
SHOP DRAWING FOR FIRE ALARM SYSTEMS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO SYSTEM INSTALLATION; REFER TO DRAWINGS AND SPECIFICATION.

SECTION 912 - FIRE DEPARTMENT CONNECTIONS
FIRE DEPARTMENT CONNECTIONS SHALL BE LOCATED SO THAT FIRE APPARATUS AND HOSE HOSES CONNECTED TO SUPPLY THE SYSTEM WILL NOT OBSTRUCT ACCESS TO THE BUILDING AND BE APPROVED BY THE FIRE CHIEF.

SECTION 912.5 - SIGNS
A METAL SIGN WITH RAISED LETTERS AT LEAST ONE INCH HIGH SHALL BE MOUNTED TO ALL FIRE DEPARTMENT CONNECTIONS SERVICING AUTOMATIC SPRINKLERS OR FIRE PUMP CONNECTIONS. SUCH SIGNS SHALL READ: AUTOMATIC SPRINKLERS, TEST CONNECTION, OR SOME COMBINATION THEREOF.

SECTION 913.2.1 - PROTECTION OF FIRE PUMP ROOMS
FIRE PUMPS SHALL BE LOCATED IN ROOMS THAT ARE SEPARATED FROM THE REST OF THE BUILDING BY 2 HOUR FIRE BARRIERS OR 2-HOUR HORIZONTAL ASSEMBLY, OR BOTH.

GENERAL NOTES - CHAPTER 10

SECTION 1004.1 - DESIGN OCCUPANT LOAD
REFER TO FIRST, SECOND AND THIRD FLOOR OCCUPANCY AND EGRESS PLANS.

SECTION 1004.3 - POSTING OF OCCUPANT LOAD
ROOMS OR SPACES WITH AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE NEAR THE MAIN EXIT FROM THE SPACE. REFER TO A-20 FOR SIGN TYPES.

TABLE 1004.1.2 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT
UTILIZED FOR CALCULATING OCCUPANT LOAD THROUGHOUT BUILDING.
ACCESSORY STORAGE, MECHANICAL EQUIPMENT ROOM - 300 SF / OCCUPANT
ASSEMBLY, STANDING - 5 SF NET
ASSEMBLY, CHAIRS ONLY - 7 SF NET
ASSEMBLY, TABLES & CHAIRS - 15 SF NET
BUSINESS AREAS - 100 SF GROSS
EDUCATIONAL CLASSROOM - 20 SF NET
SHOPS & OTHER VOCATIONAL AREAS - 50 SF NET
KITCHENS, COMMERCIAL - 200 SF GROSS
LIBRARY READING ROOM - 50 SF NET
LIBRARY STACKS - 100 SF GROSS
LOCKER ROOMS - 50 SF GROSS
STAGES AND PLATFORMS - 15 SF NET

SECTION 1005.1 - MINIMUM REQUIRED EGRESS WIDTH
TOTAL MEANS OF EGRESS SHALL NOT BE LESS THAN THE TOTAL OCCUPANT LOAD SERVICED BY THE MEANS OF EGRESS MULTIPLIED BY:
0.3" PER OCCUPANT FOR STAIRWAYS
0.2" PER OCCUPANT FOR OTHER EGRESS COMPONENTS

SECTION 1008.2 - ILLUMINATION REQUIRED
THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED, AND SUPPLIED WITH EMERGENCY POWER.

SECTION 1009.1 - ACCESSIBLE MEANS OF EGRESS REQUIRED
ACCESSIBLE MEANS OF EGRESS ARE INDICATED ON THE OCCUPANCY AND EGRESS PLANS TO MEET THE INTENT OF THE CODE.

SECTION 1009.3 - STAIRWAYS
EXIT ACCESS STAIRWAYS SHALL HAVE MIN. 48" CLEAR BETWEEN THE HANDRAILS, HAVE A TRAVEL DISTANCE LESS THAN 250'-0" AND INCLUDE AN AREA OF REFUGE. REFER TO PLANS. CLEAR HEADROOM SHALL BE NO LESS THAN 80".
EXCEPTION #3: AREAS OF REFUGE ARE NOT REQUIRED IN EXIT STAIRWAYS IN BUILDINGS EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEMS. REFER TO ALTERNATE SERIES 130.

SECTION 1009.6 - AREAS OF REFUGE
MAXIMUM TRAVEL DISTANCE SHALL NOT EXCEED 250'-0", SHALL HAVE DIRECT ACCESS TO A STAIRWAY WITHIN AN EXIT ENCLOSURE, SHALL BE 30" X 48" PER 200 OCCUPANTS OR PORTION THEREOF AND SEPARATED FROM THE REMAINDER OF THE FLOOR.

SECTION 1009.6.5 - TWO-WAY COMMUNICATION
AREAS OF REFUGE SHALL BE PROVIDED WITH A TWO-WAY COMMUNICATION SYSTEM. REFER TO ALTERNATE SERIES 130.

SECTION 1009.7 - EXTERIOR AREA FOR ASSISTED RESCUE
ARE PROVIDED WHERE ACCESSIBLE EXITS DO NOT PROVIDE ACCESS TO THE PUBLIC WAY.

SECTION 1009.8 - TWO-WAY COMMUNICATION
A TWO-WAY COMMUNICATION SYSTEM SHALL BE PROVIDED AT THE ELEVATOR LANDING ON EACH ACCESSIBLE FLOOR THAT IS ONE OR MORE STORIES ABOVE THE LEVEL OF EXIT DISCHARGE.
EXCEPTION #1 THESE SHALL NOT BE REQUIRED WHERE TWO-WAY COMMUNICATION IS PROVIDED WITHIN AREAS OF REFUGE (ADJACENT STAIR TOWERS). IF ALTERNATE SERIES 130 IS ACCEPTED, A TWO-WAY COMMUNICATION SYSTEM SHALL BE INSTALLED AT THE SECOND AND THIRD FLOOR ELEVATOR LOBBIES. REFER TO DRAWINGS AND SPECIFICATIONS.

SECTION 1009.8.2 - DIRECTIONS
DIRECTIONS FOR USE OF THE TWO-WAY COMMUNICATION SYSTEM SHALL BE POSTED ADJACENT TO THE SYSTEM. REFER TO SIGN TYPES ON SHEET A-20.

SECTION 1009.9 - SIGNAGE
EACH DOOR PROVIDING ACCESS TO AN AREA OF REFUGE FROM AN ADJACENT FLOOR SHALL BE IDENTIFIED BY A SIGN. EACH DOOR PROVIDING ACCESS TO AN EXTERIOR AREA FOR ASSISTED RESCUE SHALL BE IDENTIFIED BY A SIGN. REFER TO SIGN TYPES ON SHEET A-20.

SECTION 1009.11 - INSTRUCTIONS
IN AREAS OF REFUGE AND EXTERIOR AREAS FOR ASSISTED RESCUE, INSTRUCTIONS ON THE USE OF THE AREA SHALL BE POSTED. REFER TO SIGN TYPES ON SHEET A-20.

SECTION 1010.1.2.1 - DIRECTION OF SWING
DOORS SHALL SWING IN THE DIRECTION OF TRAVEL WHERE SERVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS.

SECTION 1011.5 - STAIR TREADS AND RISERS
MAXIMUM RISER HEIGHT SHALL BE 7", MINIMUM TREAD DEPTH SHALL BE 11"
THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 0.375"; EXCEPT ALTERNATING TREAD STAIRWAYS.

SECTION 1011.6 - STAIRWAY LANDINGS
COMPLY WITH THE INTENT OF THE CODE.

SECTION 1011.14 - ALTERNATING TREAD DEVICES
COMPLY WITH THE INTENT OF THE CODE, REFER TO SPECIFICATIONS.

SECTION 1012 - RAMPS
RAMPS SHALL BE LESS THAN 1:12, SHALL HAVE A RISE LESS THAN 30", SHALL HAVE MIN. 36" CLEAR BETWEEN THE RAILS, SHALL HAVE MIN. 60" LONG LANDINGS AND HANDRAILS SHALL EXTEND ABOVE AND BELOW SLOPED SURFACE 12".

SECTION 1013 - EXIT SIGNS
APPROVED EXIT SIGNS SHALL BE VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL, INDICATE THE DIRECTION OF EGRESS TRAVEL, AND NO POINT IN AN EXIT ACCESS CORRIDOR OR PASSAGEWAY IS MORE THAN 100'-0" FROM THE NEAREST VISIBLE SIGN. EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED FOR MINIMUM OF 90 MIN.

SECTION 1013.4 - TACTILE EXIT SIGNS
TACTILE EXIT SIGNS ARE PROVIDED; REFER TO SHEET A-20 FOR SIGN TYPES.

SECTION 1014 - HANDRAILS
TOP OF HANDRAILS SHALL BE AT 34" A.F.F., 1-1/2" Ø AND 1-1/2" FROM THE WALL, THEY SHALL BE CONTINUOUS, EXTEND MIN. 12" BEYOND THE TOP AND BOTTOM RISERS AND RETURN TO THE WALL. REFER TO DETAILS IN CONSTRUCTION DOCUMENTS.

GENERAL NOTES - CHAPTER 10 (CONTINUED)

SECTION 1015 - GUARDS
SHALL BE PROVIDED WHERE FLOOR OR GRADE IS MORE THAN 30" BELOW WITHIN 36" OF THE WALKING SURFACE; EXCEPT AT LOADING DOCKS & PLATFORMS, AS PERMITTED BY THE CODE. GUARDRAILS SHALL BE MIN. 42" A.F.F.

SECTION 1029.9 - COMMON PATH OF EGRESS TRAVEL
THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 75'-0".

SECTION 1006.1 - EXITS AND EXIT ACCESS DOORWAYS
TWO EXITS SHALL BE PROVIDED WHEN THE OCCUPANT LOAD OF A SPACE EXCEEDS 49 PEOPLE, THE COMMON PATH OF EGRESS TRAVEL EXCEEDS 75'-0", AND IN BOILER ROOMS.

SECTION 1007.1.1 - TWO EXITS OR EXIT ACCESS DOORWAYS
EXCEPTIONS #2: WHERE TWO EXITS ARE REQUIRED FROM A SPACE, AND BUILDING IS FULLY SPRINKLERED, THE SEPARATION DISTANCE BETWEEN THEM SHALL NOT BE LESS THAN 1/3 OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED.

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
'E' OCCUPANCY WITH SPRINKLER SYSTEM SHALL NOT EXCEED 250'-0" TRAVEL DISTANCE ON EACH STORY TO AN EXIT OR EXIT STAIRWAY.

SECTION 1020.4 - DEAD ENDS
DEAD ENDS IN CORRIDORS SHALL NOT EXCEED 50'-0" IN LENGTH FOR GROUP E OCCUPANCY BUILDINGS WITH AN AUTOMATIC SPRINKLER SYSTEM.

TABLE 1020.1 - CORRIDOR FIRE-RESISTANCE RATING
'E' OCCUPANCY WITH GREATER THAN 30 OCCUPANTS AND WITH A SPRINKLER SYSTEM CORRIDORS DO NOT REQUIRE FIRE RATING.

TABLE 1021.1 - MINIMUM NUMBER OF EXITS FOR OCCUPANT LOAD
1 - 500 = 2 PER STORY
501 - 1000 = 3 PER STORY

SECTION 1022 - EXIT ENCLOSURES
WHEN CONNECTING LESS THAN FOUR STORIES THE EXIT ENCLOSURE SHALL HAVE A 1 HOUR FIRE RATING AND LEAD DIRECTLY TO THE EXTERIOR OF THE BUILDING WITH PROTECTED OPENINGS AND PENETRATIONS.

SECTION 1026 - HORIZONTAL EXITS
HORIZONTAL EXITS SHALL NOT SERVE AS THE ONLY EXIT FROM A PORTION OF THE BUILDING AND WHERE TWO OR MORE EXITS ARE REQUIRED, NOT MORE THAN ONE-HALF OF THE EXITS SHALL BE HORIZONTAL EXITS.

SECTION 1026.2 - SEPARATION
THE SEPARATION BETWEEN BUILDINGS OR FIRE AREAS CONNECTED BY A HORIZONTAL EXIT SHALL BE PROVIDED BY A FIRE BARRIER WITH A MINIMUM FIRE-RESISTANCE RATING OF 2 HOURS.

SECTION 1028 - EXIT DISCHARGE
EXIT DISCHARGE SHALL BE DIRECTLY TO THE EXTERIOR OF THE BUILDING AND DIRECTLY TO GRADE.

SECTION 1029.1.1 - BLEACHERS
BLEACHERS SHALL COMPLY WITH ICC 300-2007.

SECTION 1029.2 - ASSEMBLY MAIN EXIT
GROUP E OCCUPANCY WITH AN OCCUPANT LOAD GREATER THAN 300 SHALL HAVE A MAIN EXIT OF SUFFICIENT WIDTH TO ACCOMMODATE NOT LESS THAN ONE-HALF OF THE OCCUPANT LOAD. EXCEPTION: WHERE NO MAIN EXIT IS WELL-DEFINED, MULTIPLE EXITS ARE PERMITTED TO BE DISTRIBUTED AROUND THE PERIMETER OF THE SPACE.

SECTION 1029.7 - TRAVEL DISTANCE
EXITS AND AISLES SHALL BE LOCATED IN ASSEMBLY OCCUPANCY SPACES TO THE TRAVEL DISTANCE TO AN EXIT IS NO GREATER THAN 250'-0" IN FULLY SPRINKLERED BUILDINGS.

SECTION 1029.8 - COMMON PATH OF EGRESS TRAVEL
SHALL NOT EXCEED 30'-0" FROM ANY SEAT TO A POINT WHERE AN OCCUPANT HAS A CHOICE OF 2 PATHS.

SECTION 1029.9.1 - MINIMUM AISLE WIDTH
AISLE WIDTH SHALL NOT BE LESS THAN 42" FOR LEVEL OR RAMPED AISLES WITH SEATING ON BOTH SIDES, AND 36" FOR LEVEL OR RAMPED AISLES WITH SEATING ON ONLY ONE SIDE. AISLES SHALL BE SIZED TO ACCOMMODATE THE OCCUPANT LOAD OF THAT SPACE.

GENERAL NOTES - CHAPTER 11- IBC 2021

SECTION 1101 - GENERAL
BUILDING IS DESIGNED TO MEET ACCESSIBILITY REQUIREMENTS FOR ACCESS TO ALL WORK AREAS AND COMMON USE AREAS, PER CHAPTER 11 (IBC 2021) & ANSI A117.1-2017.

SECTION 1104.1 - SITE ARRIVAL POINTS
ACCESSIBLE ROUTES WITHIN THE SITE SHALL BE PROVIDED FROM ACCESSIBLE PARKING.

SECTION 11040.4 - MULTILEVEL BUILDINGS AND FACILITIES
AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED CONNECTING EACH ACCESSIBLE LEVEL IN THE BUILDING.

SECTION 1105 - ACCESSIBLE ENTRANCES
AT LEAST 60% OF ALL PUBLIC ENTRANCES SHALL BE ACCESSIBLE.

SECTION 1106 - PARKING AND PASSENGER LOADING FACILITIES
WHERE PARKING IS PROVIDED, ACCESSIBLE PARKING SHALL BE PER TABLE 1106.1, 51-75 PARKING SPACES PROVIDED REQUIRE MIN. 3 ACCESSIBLE SPACES. FOR EVERY 6, OR FRACTION OF 6, ACCESSIBLE PARKING SPACES, AT LEAST ONE SHALL BE A VAN-ACCESSIBLE SPACE. ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL TO AN ACCESSIBLE BUILDING ENTRANCE.

SECTION 1108.2 - ASSEMBLY AREA SEATING
ASSEMBLY AREAS WITH FIXED SEATING SHALL PROVIDE ACCESSIBLE WHEELCHAIR SPACES PER TABLE 1108.2.2.1.
LGI BLEACHER SEATING (500) = 6 SPACES.
LGI SEATING (285) = 5, DISPERSED AMONG LEVELS.
GYMNASIUM BLEACHER SEATING (227 SEATS) = 5

SECTION 1108.4.3.1 - ASSISTIVE LISTENING SYSTEMS
ASSISTIVE LISTENING SYSTEM SHALL BE PROVIDED PER TABLE 1108.2.7.1

SECTION 1109 - COMMON USE FACILITIES
TOILET ROOMS AND BATHING FACILITIES SHALL BE ACCESSIBLE. 50% OF DRINKING FOUNTAINS ON EACH FLOOR SHALL BE ACCESSIBLE. 5%, BUT NOT LESS THAN ONE OF EACH TYPE OF LOCKER SHALL BE ACCESSIBLE.

SECTION 1109.2.1 - FAMILY OR ASSISTED-USE TOILET AND BATHING ROOMS
IN ASSEMBLY OCCUPANCY, A FAMILY TOILET ROOM SHALL BE PROVIDED WHERE AN AGGREGATE OF 6 OR MORE MALE AND FEMALE WATER CLOSETS IS REQUIRED. PROVIDED IN ROOM C100A ON PLAN.

SECTION 1110 - SIGNAGE
REQUIRED ACCESSIBLE ELEMENTS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY; REFER TO SIGN TYPES ON A-20.

GENERAL NOTES - CHAPTER 16

SECTION 1600 - STRUCTURAL DESIGN
REFER TO SHEET S-5 FOR STRUCTURAL DESIGN CRITERIA.

GENERAL NOTES - CHAPTER 17

THE GENERAL CONTRACTOR SHALL HIRE A THIRD PARTY INSPECTION AGENCY TO PROVIDE THE FOLLOWING INFORMATION AS REQUIRED BY THE CODE AND THE PROJECT DOCUMENTS, AS FOLLOWS:

SECTION 1704.2.3 - STATEMENT OF SPECIAL INSPECTION
A STATEMENT OF SPECIAL INSPECTIONS SHALL BE PREPARED AND SUBMITTED TO THE BUILDING CODE OFFICIAL BY A THIRD PARTY AGENCY HIRED BY THE OWNER.

SECTION 1704.2.4 - REPORT REQUIREMENT
THE FOLLOWING COMPONENTS OF THE PROPOSED WORK SCOPE SHALL BE PERIODICALLY INSPECTED BY THE DESIGN PROFESSIONAL, CONTRACTOR OR A THIRD PARTY INSPECTION AGENCY, AS THE PROGRESS OF THE WORK DICTATES. INSPECTION REPORTS SHALL BE FURNISHED TO THE BUILDING CODE OFFICIAL AS THEY ARE PERFORMED AND INDICATE COMPLIANCE OR DISCREPANCIES WITH THE CONSTRUCTION DOCUMENTS, PER SECTION 1704.1.2.

SECTION 1704.2.5.1 - FABRICATOR APPROVAL
THIS SECTION STATES THAT SPECIAL INSPECTIONS ARE NOT REQUIRED UPON REVIEW OF THE FABRICATOR'S WRITTEN PROCEDURAL AND QUALITY CONTROL MANUALS AND PERIODIC AUDITING OF FABRICATION PRACTICES BY AN APPROVED SPECIAL INSPECTION AGENCY. AT COMPLETION OF FABRICATION, THE FABRICATOR SHALL SUBMIT CERTIFICATE TO THE B.C.O. STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

SECTION 1705.2 - STEEL CONSTRUCTION
SPECIAL INSPECTIONS FOR STEEL ELEMENTS OF THE BUILDING SHALL BE AS REQUIRED BY SECTION 1704.3 & TABLE 1704.3 AS APPLICABLE TO THE PROJECT, INCLUDING WELDING, STRUCTURAL STEEL, COLD FORMED STEEL, REINFORCING STEEL AND HIGH-STRENGTH BOLTS THROUGH PERIODIC OR CONTINUOUS MONITORING, AS REQUIRED. SPECIAL INSPECTOR SHALL PERFORM INSPECTION OF THE STEEL FRAME TO VERIFY COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.

SECTION 1705.3 - CONCRETE CONSTRUCTION
SPECIAL INSPECTIONS FOR CONCRETE CONSTRUCTION OF THE BUILDING SHALL BE AS REQUIRED BY SECTION 1705.3 & TABLE 1705.3 AS APPLICABLE TO THE PROJECT

GENERAL NOTES - CHAPTER 17 (CONTINUED)

SECTION 1705.4 - MASONRY CONSTRUCTION
SPECIAL INSPECTIONS FOR CONCRETE CONSTRUCTION OF THE BUILDING SHALL BE AS REQUIRED BY SECTION 1704.5 & TABLE 1704.5.1 AS APPLICABLE TO THE PROJECT. OCCUPANCY CATEGORY FOR SITE IS OCC. CAT. III.

SECTION 1705.6 - SOILS
SPECIAL INSPECTIONS FOR EXISTING SITE SOIL CONDITIONS, FILL PLACEMENT AND LOAD-BEARING REQUIREMENTS OF THE SITE SHALL BE AS REQUIRED BY SECTION 1704.7 & TABLE 1704.7 AS APPLICABLE TO THE PROJECT. A GEOTECHNICAL REPORT PERFORMED BY DAVID BLACKMORE AND ASSOCIATES, INC. IS AVAILABLE FROM THE ARCHITECT'S OFFICE.

SECTION 1705.16 - EIFS
SPECIAL INSPECTIONS FOR EIFS ON THE BUILDING SHALL BE AS REQUIRED BY SECTION 1705.16 AS APPLICABLE TO THE PROJECT.

SECTION 1704.3 - STATEMENT OF SPECIAL INSPECTIONS
THE THIRD PARTY INSPECTION AGENCY SHALL PREPARE A STATEMENT OF SPECIAL INSPECTION PER 1704.3.1, 1704.2.3, AS APPLICABLE TO THE PROJECT.

SECTION 1704.4 - CONTRACTOR RESPONSIBILITY
EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND- OR SEISMIC-FORCE RESISTING SYSTEM, DESIGNATED WIND- OR SEISMIC-FORCE RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING CODE OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT SHALL CONTAIN ACKNOWLEDGMENT OF THE AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

SECTION 1706 - DESIGN STRENGTHS OF MATERIALS
THE DESIGN STRENGTHS AND PERMISSIBLE STRESSES OF ANY STRUCTURAL MATERIAL IDENTIFIED BY A MANUFACTURER'S DESIGNATION IS OTHERWISE CONFIRMED TO THE SATISFACTION OF THE B.C.O., SHALL CONFORM TO THE SPECIFICATION AND METHODS OF ACCEPTED ENGINEERING PRACTICE.

LEGEND

DESCRIPTION	SYMBOL
DOOR EGRESS TAG	
ACTUAL EGRESS LOAD / EGRESS CAPACITY ALLOWED BY CODE	#### / ####
OCCUPANCY ROOM TAG (PER IBC 2015 TABLE 1004.1.2) — AREA OF SPACE IN SQUARE FEET / OCCUPANT CAPACITY ALLOWED BY CODE / DESIGN OCCUPANT CAPACITY	RM. NAME / ___ SF / CODE OCC. --- / DESIGN OCC. ---
FIRE RATING LINE TYPES	
ONE HOUR RATING	
TWO HOUR RATING	
NOTE: ALL FIRE RATED BARRIERS, PARTITIONS, AND HORIZONTAL ASSEMBLIES SHALL BE IDENTIFIED PER SPECIFICATION SECTION SECTION 07 84 46 3.4 IDENTIFICATION AND IBC 2015 SECTION 703.7 MARKING AND IDENTIFICATION	
EGRESS LINE TYPES	
PATH OF EGRESS	
TEMPORARY EGRESS PATH	
MAXIMUM TRAVEL DISTANCE	(-NOTE 2-)
NOTE 1: (► , ▷) DEPICTS DIRECTION OF TRAVEL NOTE 2: MAXIMUM TRAVEL DISTANCE IN FEET	
AREAS OF REFUGE	
EXIT SEPARATION DISTANCE (REFER TO NOTE 2 BELOW)	
(DDES) DIAGONAL DISTANCE OVERALL SEPARATION	
(ESD) EXIT SEPARATION DISTANCE	
ACCESSIBLE ENTRY & EXIT TO PUBLIC WAY	ACC EXIT
EXTERIOR ARA STATION WITH SIGNAGE & TWO-WAY COMMUNICATION DEVICE	EXT ARA
ARA STATION - UNDER ALT. SERIES 130, DELETE ARA STATIONS IN THE STAIR TOWERS AND ADD ARA STATIONS AT 2ND & 3RD FLOOR ELEVATOR LOBBY	ARA
REFER TO ALTERNATE SERIES 130 - DELETE ARA SYSTEM	

NOTES:
1. EGRESS PATHS SHOWN ARE THE LONGEST FROM EACH SPACE.
2. IBC 2015 1007.1.1, EXCEPTION #2 - WHERE A BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM (THE SEPARATION DISTANCE OF AT LEAST TWO OF THE EXIT DOORS) SHALL NOT BE LESS THAN ONE-THIRD OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED.
3. ALL MEANS OF EGRESS, PER FLOOR, ARE TO BE ACCESSIBLE.

PLUMBING FIXTURE COUNT - CHAPTER 29

REFERENCE TABLE 2902.1 - MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

THEORETICAL MAXIMUM PEAK CAPACITY = 1,945 OCCUPANTS

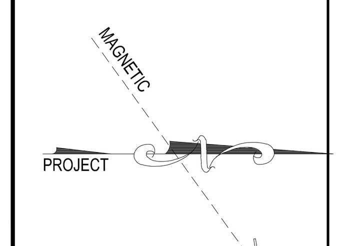
EXISTING FIXTURES	TOTAL	
WATER CLOSETS & URINALS	83	
LAVATORIES	50	
DRINKING FOUNTAINS	11	
SERVICE SINKS	6	
FIXTURES AT COMPLETION OF PROJECT	**TOTAL**	**NET INCREASE**
WATER CLOSETS & URINALS	82	-1
LAVATORIES	50	0
DRINKING FOUNTAINS	20	+9
SERVICE SINKS	6	0

NOTES:
1) NO MORE THAN 50% OF PROVIDED OR REQUIRED NUMBER OF WATER CLOSETS FOR MEN ARE URINALS
2) DESIGN OCCUPANCY WAS USED TO DETERMINE REQUIRED FIXTURE COUNT. CODE OCCUPANCY WAS USED TO DETERMINE EXITING CAPACITY.

GENERAL NOTES

1. WORST CASE CODE OCCUPANCY CALCULATIONS ARE USED TO DETERMINE ALL EGRESS AND EXITING CAPACITIES.

2. DESIGN OCCUPANCY CALCULATIONS ARE BASED ON SEATING CAPACITIES USING FURNITURE COUNTS WHEN APPLICABLE. CLASSROOMS OCCUPANCIES ARE BASED ON CLASSROOM SEATING CAPACITIES AND HAVE THREE ADDITIONAL OCCUPANTS ADDED FOR A TEACHER AND TWO TEACHING ASSISTANTS.



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CODE NOTES

RENOVATIONS TO THE COCALICO MIDDLE SCHOOL
COCALICO SCHOOL DISTRICT
SOUTH 4TH STREET, DENVER BOROUGH, LANCASTER COUNTY, PA

All DIMENSIONS and EXISTING CONDITIONS shall be CHECKED and VERIFIED by the CONTRACTOR at the SITE.

JOB NO.:	23001.00
DRAWN BY:	SRH
DATE:	04.12.24

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