

CODE REVIEW

APPLICABLE CODES

BUILDING INTERNATIONAL BUILDING CODE, 2012 EDITION WITH 2014, 2015, 2017, 2018
LIFE SAFETY GEORGIA STATE AMENDMENTS
FIRE PREVENTION NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101, LIFE SAFETY CODE, 2012 EDITION WITH 2014, 2015, 2017, 2018
MECHANICAL GEORGIA STATE AMENDMENTS
PLUMBING GEORGIA STATE AMENDMENTS
ELECTRICAL NATIONAL ELECTRICAL CODE, 2017 EDITION
GAS NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 54, GAS CODE, 2012 EDITION WITH 2014, 2015
ENERGY INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION WITH 2011, 2012
HANDICAP 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ADA) CHAPTER 117, 2008 EDITION

GENERAL BUILDING INFORMATION AND PARAMETERS

OCCUPANCY CLASSIFICATION
MIXED OCCUPANCY TYPES
PRIMARY OCCUPANCY GROUP B BUSINESS OCCUPANCY (PER CHAPTER 3 - 2012 IBC)

CONSTRUCTION TYPE

TYPE II-B (PER CHAPTER 6 - 2012 IBC)

AUTOMATIC EXTINGUISHING SYSTEM

THE ENTIRE BUILDING IS FULLY SPRINKLERED PER NFPA 101

2012 IBC REQUIREMENTS (BY CHAPTER)

CHAPTER 6 - TYPE OF CONSTRUCTION

TABLE 601 FIRE RESISTANCE RATING REQUIREMENT FOR BUILDING ELEMENTS (TYPE II-B)

Table with 2 columns: BUILDING ELEMENT and RATING REQUIRED. Rows include STRUCTURAL FRAME, BEARING WALLS, BEARING WALLS - INTERIOR, NON-BEARING WALLS, FLOOR CONSTRUCTION, ROOF CONSTRUCTION.

NFPA 101 REQUIREMENTS (BY CHAPTER)

SECTION 7.1.3.1 EXIT ACCESS CORRIDORS

CORRIDORS USED AS EXIT ACCESS AND SERVING AN AREA HAVING AN OCCUPANT LOAD EXCEEDING 30 SHALL BE SEPARATED FROM OTHER PARTS OF THE BUILDING BY WALLS NOT LESS THAN A 1-HOUR FIRE RESISTANCE RATING...

SECTION 7.1.3.2.1 EXITS

THE REQUIRED EXIT IS TO BE SEPARATED FROM OTHER PARTS OF THE BUILDING BY NOT LESS THAN A 1-HOUR FIRE RESISTANCE RATING WHERE THE EXIT CONNECTS THREE STORES OR LESS...

REFER TO LIFE SAFETY PLAN FOR OCCUPANT LOAD CALCULATIONS

SECTION 12.1.7 OCCUPANT LOAD

TABLE 7.3.1.2 OCCUPANT LOAD FACTOR

Table with 2 columns: OCCUPANCY TYPE and OCCUPANT LOAD FACTOR. Rows include ASSEMBLY AREAS, CLASSROOMS, BREAK ROOM, BUSINESS AREA/OFFICE, STORAGE USE.

SECTION 12.2.5.1 ARRANGEMENT OF MEANS OF EGRESS - COMMON PATH OF TRAVEL

A COMMON PATH OF TRAVEL SHALL BE PERMITTED FOR THE FIRST 20 FEET FROM ANY POINT WHEN SERVING ANY NUMBER OF OCCUPANTS AND FOR THE FIRST 75 FEET FROM ANY POINT WHEN SERVING NOT MORE THAN 50 OCCUPANTS.

SECTION 12.3.2 PROTECTION FROM HAZARDS

SECTION 12.3.2.1.1 ROOMS CONTAINING HIGH PRESSURE BOILERS, REFRIGERATION EQUIPMENT, LARGE TRANSFORMERS OR OTHER SERVICE EQUIPMENT SUBJECT TO EXPLOSION SHALL NOT BE LOCATED UNDER OR DIRECTLY ADJACENT TO EXITS...

SECTION 12.3.2.1.2 VENTS TO THE OUTSIDE AIR SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 8.4

SECTION 12.3.2.1.3 ROOMS OR SPACES FOR THE STORAGE, PROCESSING OR USE OF MATERIALS SPECIFIED BELOW SHALL BE PROTECTED IN ACCORDANCE WITH THE FOLLOWING:

(1) SEPARATION FROM THE REMAINDER OF THE BUILDING BY FIRE BARRIERS HAVING A FIRE RESISTANCE RATING OF NOT LESS THAN 1 HOUR OR PROTECTION OF SUCH ROOMS BY AUTOMATIC EXTINGUISHING SYSTEMS AS SPECIFIED IN SECTION 8.4 IN THE FOLLOWING AREAS:

- A. BOILER AND FURNACE ROOMS (FURNACES, HEATING AND AIR-HANDLING EQUIPMENT WITH A TOTAL AGGREGATE INPUT RATING LESS THAN 200,000 BTU) EXCEPT, PROVIDED THESE ROOMS ARE NOT USED FOR STORAGE UNLESS OTHERWISE PROTECTED AS REQUIRED).
B. ROOMS OR SPACES USED FOR THE STORAGE OF COMBUSTIBLE SUPPLIES IN QUANTITIES DEEMED HAZARDOUS BY STANDARDS OR AUTHORITIES HAVING JURISDICTION.
C. ROOMS OR SPACES USED FOR THE STORAGE OF HAZARDOUS MATERIALS OR FLAMMABLE OR COMBUSTIBLE LIQUIDS IN QUANTITIES DEEMED HAZARDOUS BY RECOGNIZED STANDARDS.

(2) SEPARATION FROM THE REMAINDER OF THE BUILDING BY FIRE BARRIERS HAVING A FIRE RESISTANCE RATING OF NOT LESS THAN 1 HOUR AND PROTECTION OF SUCH ROOMS BY AUTOMATIC EXTINGUISHING SYSTEMS AS SPECIFIED IN SECTION 8.4 IN THE FOLLOWING AREAS:

- A. LAUNDRY AREAS UTILIZING COMMERCIAL EQUIPMENT, MULTIPLE RESIDENTIAL APPLIANCES, OR EXCEEDING 100 SF PER GAS AMENDMENTS.
B. MAINTENANCE SHOPS, INCLUDING WOODWORKING AND METALWORKING AREAS.
C. ROOMS OR SPACES USED FOR PROCESSING OR USE OF COMBUSTIBLE SUPPLIES DEEMED HAZARDOUS BY THE AUTHORITY HAVING JURISDICTION.
D. ROOMS OR SPACES USED FOR PROCESSING OR USE OF HAZARDOUS MATERIALS OR FLAMMABLE OR COMBUSTIBLE LIQUIDS DEEMED HAZARDOUS BY RECOGNIZED STANDARDS.

(3) WHERE AUTOMATIC EXTINGUISHING IS USED TO MEET THE REQUIREMENTS OF 12.3.2, PROTECTION SHALL BE PERMITTED TO BE IN ACCORDANCE WITH SECTION 9.7.1.2.

SECTION 12.3.3 INTERIOR FINISHES

INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE PERMITTED AS FOLLOWS: ENCLOSED STAIRWAYS - CLASS A CORRIDORS, LOBBIES AND GENERAL ASSEMBLY AREAS WITH OCCUPANT LOADS OF MORE THAN 300 - CLASS A OR B GENERAL ASSEMBLY AREAS WITH OCCUPANT LOADS OF 100 OR FEWER - CLASS A, B, OR C

SECTION 12.3.4 DETECTION, ALARM & COMMUNICATION SYSTEMS

ASSEMBLY OCCUPANCIES WITH OCCUPANT LOADS MORE THAN 300 SHALL BE PROVIDED WITH AN APPROVED FIRE ALARM SYSTEM IN ACCORDANCE WITH 9.6.1 AND 12.3.4.

SECTION 12.3.5 EXTINGUISHING EQUIPMENT REQUIREMENTS

BUILDINGS CONTAINING ASSEMBLY OCCUPANCIES WITH OCCUPANT LOADS OF MORE THAN 300 SHALL BE PROTECTED BY FIRE EXTINGUISHERS. SUPERVISED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 9.7.1 SHALL BE PROVIDED THROUGHOUT THE STORY CONTAINING THE ASSEMBLY OCCUPANCY PER AMENDMENTS (NEW PARAGRAPH 12.3.5.1), PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED IN ALL ASSEMBLY OCCUPANCIES IN ACCORDANCE WITH 9.7.4.1.

SECTION 12.3.6 CORRIDORS

CORRIDORS SHALL BE CONSTRUCTED IN ACCORDANCE WITH 7.1.3.1 AND 8.2.2 EXCEPT NO. 2. CORRIDOR AND LOBBY PROTECTION SHALL NOT BE REQUIRED IN BUILDINGS PROTECTED THROUGHOUT BY AN APPROVED, SUPERVISED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 9.7.

2012 INTERNATIONAL PLUMBING CODE

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES TABLE 403.1

Table with columns: NO. OF FIXTURES, TYPE OF FIXTURE, MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES. Rows include SINK, WASH BASIN, WATER CLOSET, URINAL, SINK, WASH BASIN, WATER CLOSET, URINAL, SINK, WASH BASIN, WATER CLOSET, URINAL.

PLUMBING COUNT REQUIREMENT LEGEND

Table with columns: MALE (W.C.), FEMALE (W.C.), BUILDING, MALE (LAVS), FEMALE (LAVS), DRINKING FOUNTAINS. Rows include BUILDING 8 8, MALE (LAVS) 5 5 7.

PARTITION TYPES

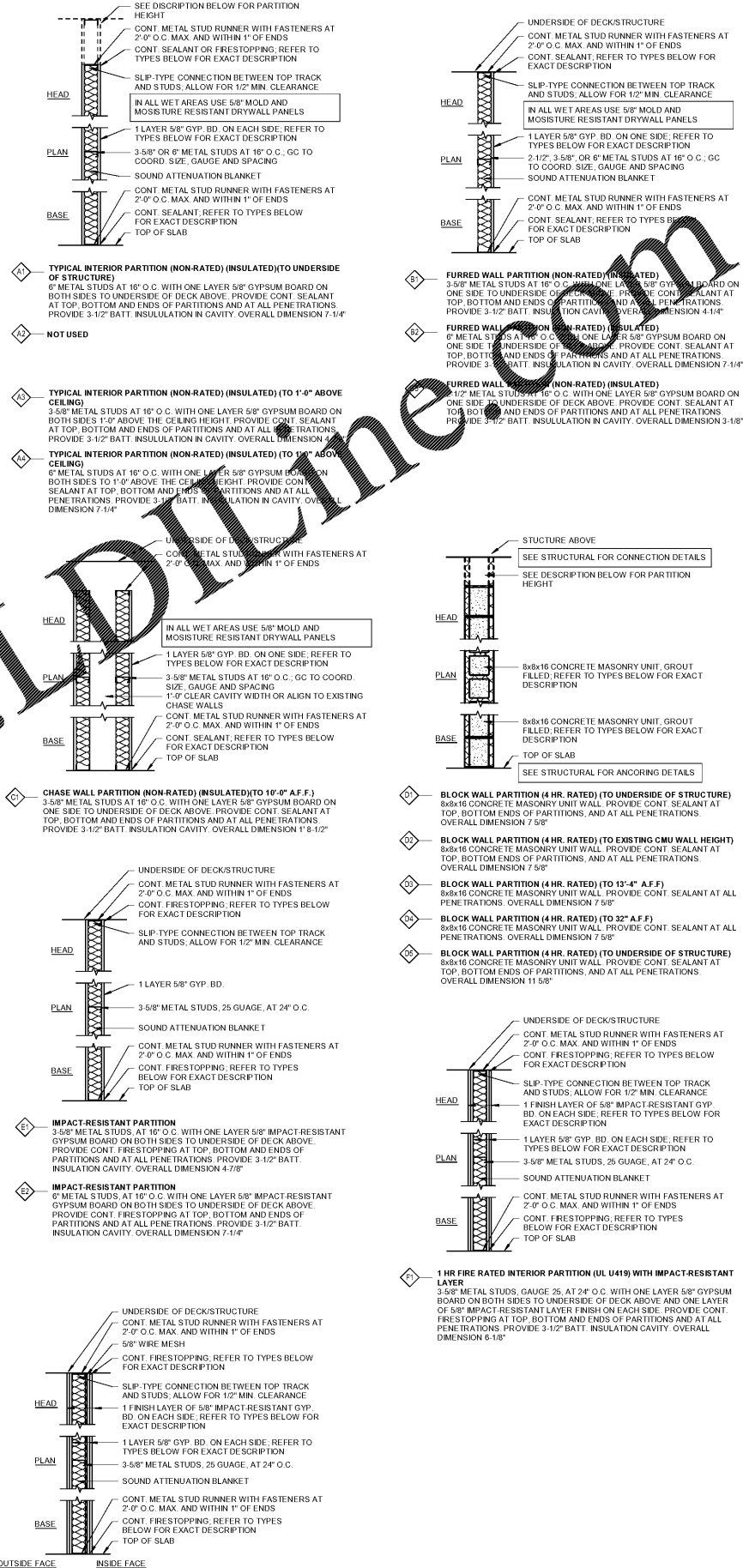
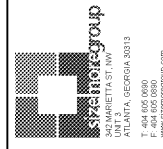


Table with columns: NO., DESCRIPTION, DATE.

CITY OF MONROE PUBLIC SAFETY & MUNICIPAL COURT COMPLEX RENOVATION 140 BLAINE ST., MONROE, LA 70501



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CODE REVIEW & PARTITION TYPES

PROJECT # 19160MONRpo
DATE: Issue Date
DRAWN BY: Author
CHECKED BY: Checker

A001

SCALE: As indicated

ISSUED FOR CONSTRUCTION