

CITY OF BIRMINGHAM

BERNARD KINCAID
MAYOR



WILLIAM A. GILCHRIST
DIRECTOR

DEPARTMENT OF PLANNING ENGINEERING AND PERMITS

ARCHITECTURE DIVISION

FIRE STATION 10/22

4439 5TH AVENUE SOUTH
BIRMINGHAM, ALABAMA 35222

S.E. SECTION 29 - TOWNSHIP 17 - RANGE 2 WEST

PARCEL ID #

CODE REVIEW DATA

APPLICABLE CODES:
1994 Standard Building Code
1994 Standard Plumbing Code
1994 Standard Mechanical Code
1995 National Electric Code
1994 NFPA 101 - Life Safety Code
1992 ANSI 117.1

OCCUPANCY TYPE: Residential - Group R2 - (SBC 1003.1) AREA: 7,540.5 sq.ft.
SBC : Storage - Group S - (SBC 1003.1) 7,007.7 sq.ft.

CONSTRUCTION TYPE: SBC : TYPE V (Unprotected)

AUTOMATIC SPRINKLERING SYSTEM: Unsprinklered

MINIMUM OCCUPANT LOADS:
Residential 200 SF Gross
Storage 300 SF Gross

MAXIMUM TRAVEL TO EXIT:
Common Path of Travel - 200 ft max.
Any Point to Exit 80 FT

HEIGHT LIMIT:
55 Feet Allowable

AREA LIMIT:
Residential: 12,000 S.F.
Storage: 16,000 S.F.

AREA BETWEEN FIRE WALLS: N/A

OCCUPANCY SEPARATION:
Residential 1 HOUR
Storage 2 HOUR
TENANT SEPARATION N/A

REQUIRED FIRE RATINGS FOR WALLS and OPENINGS: (per Table 600 & Table 700 of the SBC)
(Include Only Applicable Elements & Ratings)

ELEMENT	WALL RATING	OPENING RATING
Party & Fire Walls:	N/A	N/A
Interior Bearing Walls:	N/A	N/A
Shelf Enclosures:	N/A	N/A
Smoke Barrier:	N/A	N/A
Mechanical/Storage:	2 HOUR	1.5 HOUR
Maintenance Size/Janitor:	N/A	N/A
Bathrooms & Restrooms:	N/A	N/A
Exterior Walls:	2 HOUR	N/A HOUR (over 15' from Property Line)
Building Separation:	N/A	N/A

ELEMENT	STANDARD BLDG CODE REQ. RATING	LIFE SAFETY CODE REQ. RATING
Columns supporting roof only:	N/A	N/A
Beams, Girders, Trusses, & Arches (Supporting Roof Only):	N/A	N/A
Floor / Ceiling construction:	N/A	N/A
Roof / Ceiling construction:	N/A	N/A
Exterior Bearing Walls:	2 HOUR	N/A

LIFE SAFETY CODE (Residential)

CONSTRUCTION TYPE:
TYPE II (200)

AUTOMATIC SPRINKLERING SYSTEM:
Unsprinklered

OCCUPANT LOAD FACTORS (A-5.3.1.2):
Residential 200 SF Gross
Storage N/A SF Gross

BUILDING COMPONENTS

AREA TABULATIONS: (GROSS S.F.)	RESIDENTIAL	STORAGE	TOTALS (gross)
Residential	7,540.5 sq.ft.		7,540.5 sq.ft.
Storage		7,007.7 sq.ft.	7,007.7 sq.ft.
TOTALS (gross)			14,548.2 sq.ft.

HEIGHT: 1 (One) Story -
HEIGHT FROM LOWEST FLOOR AT GRADE TO UPPER MOST FLOOR: N/A

EGRESS CAPACITY TABULATION				
OCCUPANCY	SIZE	OCCUPANCY LOAD	EGRESS WIDTH REQUIRED	EGRESS WIDTH PROVIDED
Residential	7,540.5 sq.ft.		DOORS: OCCUPANTS x 0.2' =	
Storage	7,007.7 sq.ft.		DOORS: OCCUPANTS x 0.2' =	

OTHER INFORMATION

- INDICATE AREA BETWEEN FIREWALLS. SEE DRAWING N/A
- PROVIDE SITE PLAN SHOWING LAYOUT OF BUILDING FROM ALL PROPERTY LINES. SEE DRAWING SP-2
- PROVIDE SITE UTILITY PLAN INDICATING LOCATION AND SIZES FOR ALL UTILITIES INCLUDING WATER, SEWER, STORM, AND ELECTRICAL. SEE DRAWING SP-1
- PROVIDE LIFE SAFETY PLAN SHOWING EXITS AND FIRE RATINGS FOR ALL EXIT ACCESS CORRIDORS AND SHAFTS. SEE DRAWING N/A
- INDICATE TRAVEL DISTANCE FROM EACH TENANT SPACE IN FEET. SEE DRAWING N/A
- PROVIDE INTERIOR PARTITIONS FOR ALL RATED AND NON-RATED PARTITION TYPES. SEE DRAWING N/A
- INDICATE ALL DUCTWORK THAT CROSSES FIRE RATED WALLS AND INDICATE FIRE DAMPERS. SEE DRAWING M-3
- PROVIDE HANG PLANS WITH ALL DUCT SIZES AND CFM PER OUTLET WITH AIR BALANCE TABLE. SEE DRAWING M-2/M-3
- INDICATE ON HVAC DRAWINGS ALL EXHAUST AND RELIEF FANS WITH CFM REQUIREMENTS. SEE DRAWING M-3
- INDICATE BUILDING EXHAUST SEPARATE FROM TOILET EXHAUST. SEE DRAWING M-3
- SUBMIT OUTSIDE AIR CALCULATIONS SHOWING COMPLIANCE WITH ASHRAE 62-99. SEE DRAWING M-2
- SUBMIT MATERIAL DATA SAFETY SHEETS IF THE BUILDING STORES CHEMICALS OR GASES. SEE DRAWING N/A
- PROVIDE PLUMBING DRAWINGS SHOWING NON-PRESSURE PIPING. SEE DRAWING P-3
- PROVIDE ISOMETRIC OF DRAINAGE WASTE AND VENT SYSTEM. SEE DRAWING P-5
- PROVIDE PLUMBING FIXTURE SCHEDULE. SEE DRAWING P-1
- INDICATE ON PLANS EXISTING FIXTURES AND/OR FIXTURES TO BE REMOVED. SEE DRAWING N/A
- INDICATE EXISTING WET COLLUMNS AND/OR EXISTING CONNECTIONS TO THE EXISTING SEWER SYSTEM. SEE DRAWING N/A
- PROVIDE SITE PLAN WHICH APPLICABLE FOR NEW CONSTRUCTION AND ADDITIONS INDICATING CONNECTIONS OF WATER AND GAS LINES TO RESPECTIVE MAINS. SEE DRAWING N/A
- PROVIDE GAS ISOMETRIC FOR ALL GAS PIPING. SEE DRAWING P-6
- INDICATE LONGEST RUN OF PIPING FROM GAS METER TO FARTHEST OUTLET. SEE DRAWING P-4
- PROVIDE TOTAL BRU'S OF THE NEW AND EXISTING GAS PIPING SYSTEM. SEE DRAWING N/A
- PROVIDE DOOR SCHEDULE WITH FIRE RATING AND HARDWARE. SEE DRAWING A-6
- PROVIDE METHODS OF PROTECTION FOR PENETRATIONS THROUGH FIRE RATED PARTITIONS AND FLOORS. SEE DRAWING M-1

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