

10 Means of Egress (2015 IBC)

Table 1017.2 Exit Access Travel Distance

Occupancy	Without Sprinkler System (Feet)	With Sprinkler System	Max Travel Distance Provided (Feet)
S-1	200	N/A	106'-1"
B	200	N/A	53'-9"

12 Interior Environment (2015 IBC)

1208.1 Minimum Room Widths
 Habitable spaces are not less than 7 feet in any plan dimension
 Yes No

1208.2 Minimum Ceiling Heights
 Occupiable spaces, habitable spaces, and corridors have a ceiling height of not less than 7 feet 6 inches. Bathrooms, toilet rooms, kitchens, storage rooms, and laundry rooms have a ceiling height of not less than 7 feet.
 Yes No

1209.2 Attic spaces
 Opening not less than 20 inches by 30 inches is provided for attic area with clear height over 30 inches. 30" headroom provided at or above access opening
 Yes Not Required

29 Plumbing Systems (2015 IBC)

Table 2902.1 Minimum Number of Required Plumbing Fixtures

PLUMBING FIXTURE COUNT FOR OIL CHANGE BUILDING

Building	Occupancy	Total Occupant Load	Male / Female Load	Water Closets Required	Water Closets Provided	Lavatories Required	Lavatories Provided	Drinking Fountains Required	Drinking Fountains Provided	Service Sinks Required	Service Sinks Provided
Oil Change Building	S-1	13.11	6.56 Male	0.07 Male	2	0.07 Male	2	0.01	(1) High-Low Drinking Fountain	1 Service Sink Per Building	1
			6.56 Female	0.07 Female		0.07 Female					
	3.03 Male	0.12 Male	0.08 Male								
	3.03 Female	0.12 Female	0.08 Female								
B	6.06										
TOTAL FOR PROJECT				1		1		1 Drinking Fountain		1 Service Sink	

5 Fire Service Features (2015 IFC)

505 Premises Identification
 Yes No
 Project complies 505.1 Address Identification

506 Key Boxes
 Yes No Not Required
 Project complies 506.1 Where Required

23 Motor Fuel-Dispensing Facilities and Repair Garages (2015 IFC)

2311.2.2 Waste oil, motor oil and other Class III B Liquids
 Project complies with 2311.2.2 Waste oil, motor oil and other Class III B liquids.

2311.2.2.1 Tank Location
 Project complies with 2311.2.2.1 tank location Not Applicable

2311.2.3 Drainage and disposal of liquid and oil-soaked waste
 Yes No Not Required
 Garage floors do not contain floor drains.

2311.4 Below-grade areas
 Project complies with 2311.4.1 through 2311.4.3 Not Applicable

2311.6 Fire Extinguishers
 Project complies with 2311.6 fire extinguishers (See Section 9 Fire Protection Systems)

34 Tire Rebuilding and Tire Storage (2015 IFC)

3409 Indoor Storage Arrangement
 Project complies with 3409.1 Pile Dimensions
 Pile dimension less than 50'-0" in direction of wheel hole.
 Tires stored adjacent to or along one wall shall not extend more than 25'-0" from that wall.

50 Hazardous Materials - General Provisions (2015 IFC)

Table 5003.1.1 (1) Maximum Allowable Quantity Per Control Area of Hazardous Materials Posing a Physical Hazard
 Project complies with Table 5003.1.1 (1)
 Project contains Class III B Liquid Storage that does not exceed 1,000 liquid gallons per control area.
 Project contains Class II B Liquid Storage that does not exceed 3,300 liquid gallons per control area.
 Project contains Flammable Liquid Storage that does not exceed 30 liquid gallons per control area.
 Project contains Flammable Liquid IA Open System that does not exceed 10 liquid gallons per control area.
 Project contains Flammable Liquid IB Storage that does not exceed 120 liquid gallons per control area.
 Project contains Flammable Liquid IB Open System that does not exceed 30 liquid gallons per control area.

5003.8.3 Control Areas
 Project complies 5003.8.3.1 through 5003.8.3.4
 Entire building is one single control area.

32 High Piled Combustible Storage (2015 IFC)

3202 High-hazard commodities
 Yes No
 Project does not contain high-hazard commodities (Rubber Tires)

Definitions per Chapter 2 of the International Fire Code
 High-piled Combustible Storage. Storage of combustible materials in closely packed piles or combustible materials on pallets, in racks or on shelves where the top of storage is greater than 12'-0" in height. When required by the fire code official, high-piled combustible storage also includes certain high-hazard commodities, such as rubber tires, Group A plastics, flammable liquids, idle pallets, and similar commodities, where the top of storage is greater than 6'-0" in height.
 Project does not contain high piled combustible storage over 6'-0" (<500 s.f. of rubber tire storage over 6 feet high).

Table 3206.2 General Fire Protection and Life Safety Requirements

Commodity Class	Size of High Piled Storage Area	All Storage Areas			
		Automatic Fire Extinguishing System	Fire Detection System	Building Access	Smoke and Heat Removal
High Hazard	0-500 s.f.	Not Required	Not Required	Not Required	Not Required

Solid-Piled Storage, Shelf Storage and Palletized Storage

Max. Pile Dimension (Feet)	Max. Permissible Storage Height (Feet)	Max. Pile Volume (Cubic Feet)
50 feet	Not Required	Not Required

57 Flammable and Combustible Liquids (2015 IFC)

5703.2 Fire Protection
 Project complies with 5703.2.1 portable fire extinguishers on hose lines. (See Section 9 Fire Protection Systems).

5703.4 Spill Control and Secondary Containment
 Not required. Project does not exceed maximum allowable quantity per control area.

2902.2 Separate Facilities

Separate facilities provided for each sex
 Yes Not Required per 2902.2.1

2902.2.1 Family or assisted use toilet facilities serving as separate facilities
 Yes No

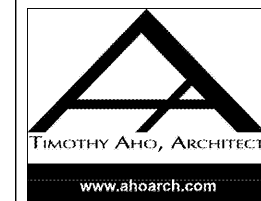
2902.3 Employee and public toilet facilities
 Employee toilet combined with public toilet facilities

2902.3.1 Access
 Route to public toilet facilities does not pass through kitchens, storage rooms, or closets if it is accessible.
 Yes No

2902.3.2 Location of toilet facilities in occupancies other than covered mall buildings
 Located not more than one story above or below the space required to be provided with toilet facilities
 Yes No

Path of travel to such facilities does not exceed 500 feet
 Yes No

2902.4 Signage
 Yes No
 Legible sign designating the sex provided in visible location near entrance to toilet facility
 Yes Not Required per 2902.2.1



Express Oil Change & Tire Engineers
 Right Hand Oil Change Building (Hurricane)
 2265 O'Neal Lane
 Baton Rouge, LA 70816

FINAL

No.	Description	Date

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Life Safety / Code Summary

Project number	20025
Date	08/27/2020
Drawn by	ARC
Checked by	TAA
OC-LS101	
Scale	12" = 1'-0"