

1 BUILDING PLANNING & DESCRIPTION

☐ NEW CONSTRUCTION

☒ LEASE SPACE BUILD-OUT

☒ SINGLE OCCUPANCY

☒ MIXED OCCUPANCY

☐ SHELL BUILDING

☐ SUBSTANTIAL IMPROVEMENT

☐ SEPARATED USE

☐ NON-SEPARATED

BLDG. LENGTH: **160'**

BLDG. WIDTH: **90'**

BLDG. HEIGHT: **18'** (IN FT.)

HEIGHT LIMITATION: **2** AREA LIMITATION: **9,500** (FROM TABLE 503 IBC(2006) (IF YOU ARE APPLYING FOR A 20% INCREASE, PLEASE ILLUSTRATE CALCULATIONS ON COVER SHEET OR CODE ANALYSIS SHEET.)

BUILDING VALUATION

GROSS SQUARE FOOTAGE: **3,164 Space "A"**

ESTIMATED COST OF CONSTRUCTION: \$ **25,000 (BULD-001)**

SCALED COST OF CONSTRUCTION: \$ **237,300**

(To calculate scaled cost of construction use the square footage and multiply by \$75.00)

T.D.I., R.#

N/A

TEXAS DEPARTMENT OF LICENSING AND REGULATIONS

<http://www.license.state.tx.us/ABDmainSearch/> (byperlink) hold Ctrl + click here

Telephone: (612) 463-6599 Toll-Free (in Texas): 800-803-9202

Fax: (612) 475-2871 Relay Texas-TDD: (800) 735-2999

BUILDING NAME :

"INDO-PAK MIDDLE EAST GROCERIES"

PHYSICAL ADDRESS:

12228 Antoine rd. , Houston TX. 77066

LEASE SPACE/SUITE NO.:

Space "A"

HCAD or Property Tax#:

1162560020002

LEGAL DESCRIPTION:

1.6038 Acres Tract out of restricted reserve "C" Starline Block 2, Recorded in Volume 330, Page 22 H.C.M.R. Houston, Harris County, Texas

SHELL BUILDING PERMIT NUMBER:

CALL CENTER/POINT ENERGY, AT 713-207-4460, TO OBTAIN AN ADDRESS FOR YOUR PROJECT

PRIMARY RESPONDING FIRE DEPARTMENT STATION NUMBER:

Northwest VFD

ADDRESS:

station 42 , 5335 Green Pine, Houston Tx

<http://www.hcinfo.net/jurisdictionsearch.aspx> (byperlink) hold Ctrl + click here

BRIEF DESCRIPTION

PROPOSED Market

no hazardous material

Storage consists of :

– NO FLAMMABLE STORAGE

– NO COMBUSTIBLE STORAGE

– NO HIGH PILE STORAGE

OCCUPANCY TYPE AND LOAD

Occupancy Classification	Specific Use	Area (sq. ft.)	Load (psf)
A-1	SALES AREA	1,197	30
A-2	CASHER'S AREA	264	100
A-3	STORAGE RM.	141	300
A-4	WALK-IN-COOLER	780	200
A-5	PREP AREA	260	100
B			3.0
F-1	HALLWAY/ VESTIBULE	65	0
F-2	RESTROOMS	125	0
H-1	MERCHANDISING EQMT.	240	0
H-2	ACCESSORY AREAS	92	0
H-3			0.00
H-4			
H-5			
I-1			
I-2			
I-3			
I-4			
M			
R-1			
R-2			
R-3			
R-4			
S-1			
S-2			
U			
TOTAL		3,164	51

REF. IBC 2006, TABLE 1004.1.1

Δ LIST SQUARE FOOTAGE IN EACH OCCUPANCY CLASSIFICATION.

② LIST FLOOR AREA IN SQUARE FOOT PER OCCUPANT FROM IBC TABLE 1004.1.1

③ LIST ALLOWABLE OCCUPANTS PER OCCUPANT CLASSIFICATION.

NOTE EXTRA COLUMNS MAY BE ADDED FOR MULTIPLE STORY BUILDINGS

2 MEANS OF EGRESS

MEANS OF EGRESS

OF REQUIRED EXITS

OF EXITS PROVIDED

SHEET #

Stairways (per floor)

N/A

N/A

N/A

Egress @ grade level

10.2"

72"

A-1

(TABLE 1005.1 IBC-2006(ED))

STAIRWAYS (IBC-2006 SEC. 1009)

MINIMUM CLEAR WIDTH PROVIDED (EACH STAIRWELL)

N/A

EGRESS WIDTHS ARE SHOWN ON SHEET:

N/A

ACCESSIBLE AREAS OF REFUGE & 2-WAY COMMUNICATIONS

N/A

(IBC-2006 SEC. 1007.3 TO 1007.6)

EXIT SIGNS / EGRESS ILLUMINATION (IBC-2006 SEC. 1006 & 1011)

REQUIRED AND SHOWN ON SHEET

A-1

(HIGHLIGHT ON PLANS)

NOT APPLICABLE BECAUSE

EXIT ACCESS TRAVEL DISTANCE (IBC-2006 SEC. 1016.1)

OCCUPANCY TYPE

MAX. TRAVEL DISTANCE

PROVIDED TRAVEL DISTANCE

SHEET #

M

200'-0" MAX

105' TO EXIT

A-1

CORRIDOR FIRE RESISTANCE RATING

OCCUPANCY TYPE	OCC. LOAD SERVED BY CORRIDOR	REQUIRED FIRE RESISTANCE RATING	SHEET #
M	N/A	N/A	N/A

ELEVATORS

☐ NEW

☐ EXISTING

N/A

SPRINKLERED SHAFT

YES

☐ NO

3 FIRE PROTECTION SYSTEMS

AUTOMATIC FIRE SPRINKLER SYSTEM (SECTION 901 & IFC FIRE CODE AMENDMENTS 901.4)

☐ PROVIDED AS NOTED ON SHEET

TYPE OF SYSTEM PROVIDED:

☐ NFPA 13

☐ NFPA 13R

☐ NFPA 13D

☐ ELO

☐ ISFR

☐ QUICK RESPONSE

☒ OTHER

NOT REQUIRED PER SECTION 903, IARRIS

CO. FIRE CODE: (IBC/IFC 2006)

ALTERNATIVE AUTOMATIC FIRE EXTINGUISHING SYSTEM (SECTION 904)

☐ PROVIDED AS NOTED ON SHEET

TYPE OF SYSTEM PROVIDED

☒ NOT REQUIRED PER SECTION 904

STANDPIPE SYSTEM & HOSE CONNECTIONS (SECTION 905)

☐ PROVIDED AS NOTED ON SHEET

TYPE OF SYSTEM PROVIDED

☒ NOT REQUIRED PER SECTION 905

PORTABLE FIRE EXTINGUISHERS (SECTION 906)

☐ PROVIDED AS NOTED ON SHEET

NUMBER PROVIDED

1

(HIGHLIGHT ON PLANS)

☐ NOT REQUIRED:

☐ QUICK RESPONSE (groups A, B, and E)

☐ GROUP U

FIRE ALARM AND DETECTION SYSTEMS (SECTION 907 & IFC FIRE CODE AMENDMENTS)

☐ PROVIDED AS NOTED ON SHEET

TYPE OF SYSTEM PROVIDED:

☐ AUTOMATIC WITH SMOKE COVERAGE

☐ COMPLYING WITH I.C. AMENDMENTS-907.2

☐ SPRINKLER MONITOR WITH OCCUPANCY NOTIFICATION COMPLYING WITH I.C. AMENDMENTS-903.4

☒ MANUAL WITH NOTIFICATION

☐ ELEVATOR RECALL - SUPERVISORY

☐ OTHER

☒ NOT REQUIRED PER SECTION 907

HVAC & AIR DISTRIBUTION SYSTEM CONTROLS (SECTION 907.12 IFC 2006)

(Smoke/fire dampers, duct smoke detectors, etc.)

☐ PROVIDED AS NOTED ON SHEET

☐ NO HVAC UNITS OVER 2,000 CFM USED IN THIS SYSTEM

☒ NO FIRE/ SMOKE DAMPERS IN THE BUILDING

SMOKE CONTROL SYSTEMS (SECTION 909)

☐ PROVIDED AS NOTED ON SHEET

☒ NOT REQUIRED PER SECTION 909

SMOKE AND HEAT VENTILATION (SECTION 910 & TABLE 910.3)

OCCUPANCY GROUP

DESIGNATED ROOMS/STAIR ENCLOSURES

MAX. AREA OF VENTILATION (sq. ft.)

MAX. SPACING OF VENTS (feet)

MAX. DISTANCE TO VENTS (feet)

SHOW ON PLANS

M

N/A

N/A

N/A

N/A

N/A

N/A

NOTE: WHERE AREAS OF BUILDINGS ARE EQUIPPED WITH EARLY SUPPRESSION FAST RESPONSE (ESFR) SPRINKLERS, AUTOMATIC SMOKE AND HEAT VENTS SHALL BE PROHIBITED.

4 FIRE-RESISTANCE RATED CONSTRUCTION

SHOW DETAILS OF FIRE WALLS OR FIRE BARRIERS MEETING HORIZONTAL WALLS AND ROOF DECKS (SEE 705.5, 705.6 AND 706.5 IN 2006-IBC).

(REFER TO TABLES 601, 602 & 602.4 OF IBC 2006)

BUILDING ELEMENTS

REQUIRED

PROVIDED

SHEET #

U.L. #

STRUCTURAL FRAME

0

0

N/A

N/A

EXTERIOR BEARING WALLS

0

0

N/A

N/A

INTERIOR BEARING WALLS

0

0

N/A

N/A

EXTERIOR NON-BEARING WALLS

0

0

N/A

N/A

INTERIOR NON-BEARING WALLS

0

0

N/A

N/A

FLOOR CONSTRUCTION

0

0

N/A

N/A

ROOF CONSTRUCTION

0

0

N/A

N/A

STAIRWELLS (Section 1020)

0

0

N/A

N/A

ELEVATOR SHAFTS (Section 707)

0

0

N/A

N/A

CORRIDORS (Section 1017)

0

0

N/A

N/A

FIRE RATED DOORS (Table 715.4)

0

0

N/A

N/A

DEMISING/PARTITION WALL (Sect. 708)

2 HR

2 HR

A-1

U-419

FIRE BARRIER (Section 706)

0

0

N/A

N/A

FIRE WALL (Section 705)

0

0

N/A

N/A

AUTOMATIC FIRE EXTINGUISHING SYSTEM REDUCTION CLAIMED:

Yes

☒

(1 HOUR REDUCTION ALLOWED, SEE FOOTNOTE - E, TABLE 601 IBC(2006)

FIRE SEPARATION DISTANCE (FEET)

150'

35'

50'

25'

(REF. SECTION 602 IBC-2006)

NORTH

SOUTH

EAST

WEST

ROOF COVERING CLASSIFICATION:

PROVIDED

☐ A

☐ B

☒ C

(REF. TABLE 1505.1, IBC(2006)

5 WATER SUPPLY

SIZE OF BUILDING IN SQ. FT., (INCLUDE ALL OVERHANGS UNDER ROOF)

REQUIRED (GPM)

DURATION

(REF. IFC-2006, APPENDIX B 105.2, APPENDIX D, D105.1, TABLE D105.3)

75% REDUCTION

☐ YES

☐ NO

(MUST MAINTAIN MINIMUM OF 1,500 GPM)

PUBLIC WATER SUPPLY WITH FIRE HYDRANTS

NAME OF THE MUNICIPAL UTILITY DISTRICT

NUMBER OF EXISTING HYDRANTS WITHIN 1000 FEET OF PROJECT

** WATER SOURCE FOR RURAL AREAS WITHOUT FIRE HYDRANTS

☐ DRY HYDRANT

☐ ABOVEGROUND STORAGE

☐ UNDERGROUND STORAGE

DESIGN SPECIFICATIONS AND LOCATION SHOWN ON SHEET

MINIMUM REQUIRED WATER SUPPLY FROM THE FIRE FLOW CALCULATOR

<http://www.fireflowcalc.net/permits/firecode/new%20fire%20flow%20calculator%20form.pdf> (byperlink) hold Ctrl + click here

FIRE FLOW CALCULATOR NFPA 1142

** REFER TO REGULATIONS AND CODE WORDS: DRY HYDRANT

5.1 FIRE LANE ACCESS

PROVIDED AS NOTED ON SHEET NUMBER **G-1** FOR "FIRE LANE LAYOUT PLAN" WHICH SHALL INCLUDE THE FOLLOWING: SITE PLAN, FIRE LANE, FIRE HYDRANTS WITH LOCATIONS HIGH LIGHTED ON PLANS.

FIRE LANES WILL BE APPROVED CONCEPTUALLY DURING THE CIVIL REVIEW PROCESS. HOWEVER THE FIRE CODE PLAN REVIEWER MAY CHANGE THE FIRE LANE LAYOUT BASED ON THE BUILDING SPECIFICATIONS.

BUILDING HEIGHT OVER 30 FT., AERIAL ACCESS LAYOUT PROVIDED ON SHEET **N/A**

<http://www.emsinfo.net/permits/firecode/new%20fire%20lane%20plan%20form.pdf> (byperlink) hold Ctrl + click here

MENU ITEM (FIRE LANE LAYOUT) GENERAL REQUIREMENTS & APPROVED STCY

APPENDIX B, C & D

6 INTERIOR FINISH

OCCUPANCY GROUP	EXIT ENCLOSURES	CORRIDORS	ROOMS AND ENCLOSED SPACES	SHOWN ON SHEET
M	A	B	C	A-1

7 HIGH PILED STORAGE

*** THIS BUILDING IS DESIGNED FOR THE INTENT OF HIGH PILE STORAGE

IF YES, THEN PROVIDE HIGH PILE STORAGE FORM PROVIDED ON OUR WEBSITE

PLEASE CLICK HERE TO OPEN THE PDF BELOW.

(byperlink) hold Ctrl + click here

YES

☐ NO

☒

7.1 HAZARDOUS MATERIALS

*** THIS BUILDING IS DESIGNED FOR THE INTENT OF HAZARDOUS MATERIAL STORAGE

IF YES, THEN PROVIDE ALL HAZIS SUMMARIES, REPORTS AND MSDSS

EMERGENCY ALARM SYSTEM REQUIRED PER IFC 2006

PLEASE CLICK HERE TO OPEN THE PDF BELOW.

(byperlink) hold Ctrl + click here

FOR HMIS REPORT SHEET

FOR MSDS SUMMARY SHEET

YES

☐ NO

☒

8 COMMENTS / SPECIAL CONDITIONS

– NO FLAMMABLE STORAGE

– NO COMBUSTIBLE STORAGE

– NO HIGH PILE STORAGE

*** REFER TO REGULATIONS AND CODE WORDS: REQUIREMENT FOR CONSULTANT ENGINEER

A COPY OF THESE APPROVED CONSTRUCTION PLANS MUST BE KEPT AT PROJECT SITE FOR THE FINAL INSPECTION OF THE BUILDING(S).

SUBMITTAL TYPE: ☒ Paper ☐ Electronic

Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Level 5

THE PROJECT KNOWN AS

"INDO-PAK MIDDLE EAST GROCERIES"

12228 Antoine rd. , Houston TX. 77066 Space "F"

WAS ACCEPTED BY HARRIS COUNTY FOR THE PURPOSES LISTED BELOW:

REVIEWER'S SIGNATURE BLOCK

PERMIT OFFICE

FIRE CODE

IFC 2006

PROJECT NO#

BY

AS TO COMPLIANCE WITH COUNTY FIRE CODE

DATE

THE PROJECT WAS REVIEWED. HOWEVER, THIS DOES NOT MEAN THE ENTIRE PROJECT, INCLUDING ALL SUPPORTING DATA AND CALCULATIONS HAVE BEEN COMPLETELY CHECKED AND VERIFIED. THESE DRAWINGS ARE SIGNED, DATED AND SEALED BY A PROFESSIONAL ENGINEER / ARCHITECT LICENSED TO PRACTICE IN THE STATE OF TEXAS, WHICH THEREFORE CONVEYS THE PROFESSIONAL'S RESPONSIBILITY AND ACCOUNTABILITY. THIS ACCEPTANCE DOES NOT RELIEVE ANY PARTY FROM COMPLYING WITH ANY OTHER LEGALLY ADOPTED REGULATION OR ORDINANCE RELATED TO LAND DEVELOPMENT.

CERTIFICATION

1. _____ A LICENSED PROFESSIONAL ENGINEER/ARCHITECT IN THE STATE OF TEXAS DO HEREBY CERTIFY THAT THE INFORMATION PRESENTED ON THIS SHEET IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I AM/AM NOT A DESIGNER OF RECORD FOR THIS PROJECT. THE PROJECT CONSISTS OF DRAWING SHEETS _____ THROUGH _____ ENGINEERING FIRM _____ FIRM# _____

SEAL _____ SIGNATURE _____ DATE _____

REVISION

SHEET NO(S)

DATE

DESCRIPTION

FIRE CODE REVIEW

SHEET NUMBER

OF

HARRIS COUNTY

FIRE CODE DESIGN AND COMPLIANCE REVIEW SHEET VERSION 4.2 (JULY 2009)