



INSTRUCTIONS

NEW CONSTRUCTION: FOR NEW COMMERCIAL, RESIDENTIAL BUILDINGS AND STRUCTURES; COMPLETE ALL SECTIONS OF THIS FORM. (ANY RESIDENTIAL BUILDINGS THAT FALL UNDER THE INTERNATIONAL RESIDENTIAL CODE ARE NOT SUBJECT TO DENTON COUNTY FIRE CODE REVIEW.)

EACH SECTION MUST BE COMPLETELY FILLED OUT AS APPLICABLE TO YOUR PROJECT.

SHELL BUILDINGS: FOR NEWLY CONSTRUCTED SHELL BUILDINGS; COMPLETE THE SECTIONS LISTED: BUILDING PLANNING, SECTIONS 1-5, SECTION 7 (IF APPLICABLE) AND PROPERTY DESCRIPTION. ALSO FILL OUT THE NAME OF THE PROJECT AND SIGN AND SEAL EVERY SHEET.

EACH NOTED SECTION MUST BE COMPLETELY FILLED OUT AS APPLICABLE TO YOUR PROJECT.

LEASE SPACE BUILD OUTS: FOR LEASE SPACE BUILD OUTS, FILL OUT THE SECTIONS LISTED; SECTIONS 1- 4, YOU ARE REQUIRED TO FILL OUT OCCUPANCY SEPARATION OR DEMISING WALLS IN SECTION 5 (WALLS BETWEEN OCCUPANCIES MUST BE MINIMUM 1 HOUR RATED AND SHOULD BE NOTED). SECTIONS 7-11 (IF APPLICABLE) AND PROPERTY DESCRIPTION. ALSO FILL OUT THE NAME OF THE PROJECT AND SIGN AND SEAL EVERY SHEET. NOTE: AN INTERIOR DESIGNER CAN SIGN AND SEAL THE DESIGN PLANS, BUT THE FIRE CODE REVIEW SHEET MUST BE SIGNED AND SEALED BY AN ARCHITECT OR ENGINEER.

EACH NOTED SECTION MUST BE COMPLETELY FILLED OUT AS APPLICABLE FOR YOUR PROJECT, NOT THE BUILDING AS A WHOLE UNLESS DIRECTLY REQUESTED.

SECTION 100.9 – SUBSTANTIAL IMPROVEMENT:

a) “SUBSTANTIAL IMPROVEMENT” AS MEANING:

- 1) THE REPAIR, RESTORATION, RECONSTRUCTION, IMPROVEMENTS, OR REMODELING OF A BUILDING FOR WHICH THE COST EXCEEDS 50 PERCENT OF THE BUILDING’S VALUE ACCORDING TO THE CERTIFIED TAX APPRAISAL ROLL FOR THE COUNTY FOR THE YEAR PRECEDING THE YEAR IN WHICH THE WORK WAS BEGUN; OR
- 2) ANY BUILDING OR STRUCTURE THAT UNDERGOES ANY ALTERATION, MOVEMENT OR ENLARGEMENT DUE TO CONSTRUCTION OR RENOVATION, HORIZONTAL OR VERTICAL, THAT INCREASES THE SIZE OF THE STRUCTURE IN NET SQUARE FOOTAGE FROM THE ORIGINAL CONSTRUCTION OF THE STRUCTURE.
- 3) A CHANGE IN OCCUPANCY CLASSIFICATION INVOLVING A CHANGE IN THE PURPOSE OR LEVEL OF ACTIVITY IN A BUILDING OR STRUCTURE, INCLUDING THE RENOVATION OF A WAREHOUSE INTO A LOFT APARTMENT.

b) FOR PURPOSE OF THIS CODE, SUBSTANTIAL IMPROVEMENT BEGINS ON THE DATE THAT THE REPAIR, RESTORATION, RECONSTRUCTION, IMPROVEMENT, OR REMODELING OR THE CHANGE IN OCCUPANCY CLASSIFICATION BEGINS OR ON THE DATE MATERIALS ARE FIRST DELIVERED FOR THAT PURPOSE.

1 BUILDING PLANNING & DESCRIPTION

NEW CONSTRUCTION SHELL BUILDING
LEASE SPACE BUILD-OUT (LSBO) CHANGE OF OCCUPANCY
SUBSTANTIAL IMPROVEMENT OTHER:

SINGLE OCCUPANCY MIXED OCCUPANCY
SEPARATED USE NON-SEPARATED USE

TYPE OF CONSTRUCTION:
HEIGHT LIMITATION: AREA LIMITATION:
FRONTAGE INCREASE CALCULATIONS ARE SHOWN ON SHEET:

BUILDING VALUATION
BUILDING NUMBER: OF
ADDRESS:
CITY, ST: ZIP CODE: SUITE:
DCAD #: OR PROPERTY TAX #: FLOODPLAIN:

PROJECT INFORMATION
GROSS SQUARE FOOTAGE: #OF FLOORS: HEIGHT:
ESTIMATED COST OF CONSTRUCTION: \$
T.D.L.R #:
TEXAS DEPARTMENT OF LICENSING AND REGULATIONS
TELEPHONE: (512) 463-6599 TOLL FREE (IN TEXAS): 800-803-9920
FAX: (512) 475-2871 RELAY TEXAS-TDD: 800-735-2989
SHELL BUILDING PERMIT #: CIVIL PROJECT #:

LIST BELOW THE PURPOSE/USE OF THE BUILDING OR AREA BEING REVIEWED.

2 OCCUPANCY TYPE AND LOAD

Table with 7 columns: A-1, A-2, A-3, A-4, A-5, B, E. Rows: F-1, F-2, H-1, H-2, H-3, 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.

BREAK DOWN AREAS AND OCCUPANT LOADS PER FLOOR

Table with 5 columns: OCCUPANCY CLASSIFICATION, SPECIFIC USE, SQUARE FOOTAGE, SF PER OCCUPANT, DESIGN OCCUPANTS. Includes a TOTAL row at the bottom.

3 MEANS OF EGRESS

Table with 4 columns: MEANS OF EGRESS, # OF REQUIRED EXITS, # OF EXITS PROVIDED, SHEET #. Rows: STAIRWAYS (PER FLOOR), EGRESS @ 1ST FL OR LSBO.

(SECTION 1005.3 IBC 2015)
PANIC HARDWARE ON EXIT DOORS? YES NO (SECTION 1010.1.9 IBC 2015)

STAIRWAYS (SECTION 1011 IBC 2015)
MINIMUM CLEAR WIDTH SHOWN ON: (EACH STAIRWELL)
EGRESS WIDTHS ARE SHOWN ON:
ACCESSIBLE AREAS OF REFUGE & 2-WAY COMMUNICATIONS SHOWN ON:

(SECTION 1007.3 TO 1009.6 IBC 2015)
EXIT SIGNS/EGRESS ILLUMINATION (SECTION 1008 & 1013 IBC 2015)
REQUIRED AND SHOWN ON: (HIGHLIGHT ON PLANS)
EXTERIOR EMERGENCY LIGHTING PROVIDED? YES NO

EXIT TRAVEL DISTANCE (TABLE 1016.2 IBC 2015)

Table with 4 columns: OCCUPANCY TYPE, MAX TRAVEL DISTANCE, PROVIDE TRAVEL DISTANCE, SHEET #.

ELEVATORS
NEW EXISTING
ELEVATOR KEYBOX LOCATED IN LOBBY? YES NO
(MUST BE WITHIN 20' OF THE CALL BUTTON)

4 FIRE PROTECTION SYSTEMS

ALL FIRE PROTECTION PLANS SHALL BE SUBMITTED FOR REVIEW AFTER BUILDING PERMIT HAS BEEN ISSUED (I.E. UNDERGROUND FIRE LINE, SPRINKLER SYSTEM, FIRE ALARM SYSTEM, STANDPIPE, FIRE PUMP ROOM, AND FIRE PROTECTION WATER SUPPLY SYSTEMS)

AUTOMATIC FIRE SPRINKLER SYSTEM/ALTERNATIVE AUTOMATIC FIRE EXTINGUISHING SYSTEM
ALL SPRINKLERS SHALL COMPLY WITH MONITORING
(SECTION 903 DC FIRE CODE AMENDMENTS & SECTION 903.4 IFC 2015)

FIRE SPRINKLER SYSTEM (DEFERRED SUBMITTAL) NOT REQUIRED PER SECTION 903

SYSTEM PROVIDED:
NFPA 13
NFPA 13R
NFPA 13D
OTHER:

FIRE DEPARTMENT ACCESS TO SPRINKLER CONTROLS:
SPRINKLER RISER ROOM OR POST INDICATOR VALVE SHOWN ON:
(SECTION 901.4.6 DC AMENDMENTS IFC 2015)

FDC SHOWN ON: (FDC SHALL COMPLY WITH SECTION 912 IFC 2015)

SUPPRESSION SYSTEM PROVIDED (SECTION 904 IFC 2015)
REQUIRED AND SHOWN ON:
NOT REQUIRED

STANDPIPE SYSTEM & HOSE CONNECTIONS (SECTION 905 IFC 2015)
(I.E. IN STAIRWAYS, STAGES, MALLS)

PROVIDED AS NOTED ON: TYPE OF SYSTEM PROVIDED: (CLASS I, II OR III)
NOT REQUIRED PER SECTION 905

PORTABLE FIRE EXTINGUISHERS (SECTION 906 IFC 2015)
PROVIDED AS NOTED ON: NUMBER PROVIDED: (HIGHLIGHT ON PLANS)

FIRE ALARM & DETECTION SYSTEMS (SECTION 907 & DC AMENDMENTS IFC 2015)

FIRE ALARM SYSTEM (DEFERRED SUBMITTAL) DEDICATED FUNCTION (SPRINKLER MONITORING, ELEVATOR RECALL, PRE-ACTION, EMERGENCY ALARM, SMOKE CONTROL)
EMERGENCY VOICE EVACUATION
OTHER:

HVAC & AIR DISTRIBUTION SYSTEM CONTROLS (SECTION 907.2.13.1.2 IFC 2015)
SMOKE DETECTORS PROVIDED TO SHUT DOWN UNITS OVER 2,000 CFM PROVIDED ON:
NO HVAC UNITS OVER 2,000 CFM
FIRE/SMOKE DAMPERS IN THE BUILDING SHOWN ON:
NO FIRE/SMOKE DAMPERS IN THE BUILDING

SMOKE CONTROL SYSTEMS (SECTION 909 IFC 2015)(I.E. FOR HIGH RISE, ATRIUMS OR STAIRWAY PRESSURIZATION)
PROVIDED AS NOTED ON:
NOT REQUIRED PER SECTION 909

SMOKE & HEAT VENTILATION (SECTION 910 IFC 2015)
CALCULATIONS PROVIDED AS NOTED ON:
NOT REQUIRED PER SECTION 910

NOTE: WHERE AREAS OF THE BUILDING ARE EQUIPPED WITH EARLY SUPPRESSION FAST-RESPONSE (ESFR) SPRINKLERS, AUTOMATIC SMOKE AND HEAT VENTS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS, MEETING LOCAL JURISDICTION REQUIREMENTS.

5 FIRE-RESISTANCE RATE CONSTRUCTION

SHOW DETAILS OF FIRE WALLS OR FIRE BARRIERS MEETING HORIZONTAL WALLS AND ROOF DECKS (SEE SECTION 706.5, 706.6 & 707.5 IBC 2015)

FIRE-RESISTANCE RATING REQUIREMENTS (TABLES 601 & 602 IBC 2015)

Table with 4 columns: BUILDING ELEMENTS, HOURS REQUIRED, HOURS PROVIDED, UL OR IBC STANDARD USED & DESIGN DETAIL SHOWN ON. Rows include: STRUCTURAL FRAME, EXTERIOR BEARING WALLS, EXTERIOR NON-BEARING WALLS, INTERIOR BEARING WALLS, INTERIOR NON-BEARING WALLS, FLOOR CONSTRUCTION, ROOF CONSTRUCTION, STAIRWELLS, ELEVATOR SHAFTS, CORRIDORS, FIRE RATED DOORS, DEMISING/PARTITION WALL, FIRE BARRIER, FIRE WALL, DRAFTSTOPS, HAVE YOU CHECKED WIDTH OF OPENINGS IN FIRE RATED WALLS?, FIRE SEPARATION DISTANCE, ROOF COVERING CLASSIFICATION PROVIDED.

6 WATER SUPPLY (FOR FIREFIGHTING)

GROSS SIZE OF BUILDING IN SQUARE FEET (INCLUDE ALL OVERHANGS UNDER ROOF)

PUBLIC WATER SUPPLY WITH FIRE HYDRANTS (FOR PROPOSED AND EXISTING FIRE HYDRANTS ONLY)

NAME OF THE MUNICIPAL UTILITY DISTRICT:
NUMBER OF HYDRANTS WITHIN 400 FT (NON-SPRINKLED) OR 600 FT (SPRINKLED) OF BUILDING:
SHOWN ON:
REQUIRED GPM: DURATION: (TABLE B105.1 IFC 2015)

75% REDUCTION? YES NO (MUST MAINTAIN MINIMUM OF 1,500 GPM)

WATER SOURCE FOR RURAL AREAS WITHOUT FIRE HYDRANTS (COMPLETE THE FIRE FLOW CALCULATOR)
***DRY HYDRANT UNDERGROUND STORAGE
ABOVEGROUND STORAGE OTHER:

7 FIRE LANE ACCESS

FIRE LANE LAYOUT PLAN, WHICH SHALL INCLUDE THE SITE PLAN, THE FIRE LANE & FIRE HYDRANTS, IS SHOWN ON: (HIGHLIGHT THE FIRE HYDRANT LOCATIONS ON THE PLANS) AERIAL ACCESS LAYOUT, FOR BUILDINGS OVER 30 FT, IS SHOWN ON:

FIRE LANE LAYOUT, GENERAL REQUIREMENTS
https://dentoncounty.com/-/media/Departments/Emergency-Services/Emergency-Services/PDFs/Firelane-Layout-and-General-Requirements.pdf?la=en

8 INTERIOR FINISH

Table with 5 columns: OCCUPANCY GROUP, EXIT ENCLOSURES AND EXIT PASSAGEWAYS, CORRIDORS, ROOMS AND ENCLOSED SPACES, SHEET #.

9 STORAGE: STANDARD & HIGH PILED

PRODUCTS BEING STORED:
STORAGE PACKAGING (I.E. PALLETS, RACKS, SOLID PILED, DRUMS, CARDBOARD BOXES, WRAPPED IN PLASTIC, ETC.):

MAXIMUM HEIGHT OF COMMODITY:
***THIS BUILDING IS DESIGNED FOR THE INTENT OF HIGH PILED STORAGE.

FIRE DEPARTMENT ACCESS DOORS
HIGH PILED STORAGE RACK LAYOUT/ELEVATIONS, CODE ANALYSIS, ETC. SHOWN ON:

10 HAZARDOUS MATERIALS

***THIS BUILDING IS DESIGNED FOR THE INTENT OF HAZARDOUS MATERIAL STORAGE. IF YES, THEN PROVIDE ALL HMIS SUMMARY AND MSDS REPORTS.

EMERGENCY ALARM SYSTEM REQUIRED PER SECTION 5004.9 IFC 2015
VENTILATION WITH EMERGENCY ALARM STAND BY POWER PER SECTION 5004.3 AND 5004.7 IFC 2015
SPILL CONTROL AND SECONDARY CONTAINMENT PER SECTION 5004.2 IFC 2015

11 SPECIAL CONDITIONS

PROPERTIES WITH FENCE AND GATES SHALL PROVIDE A 911 KEY BOX AT ENTRY GATE
ATRIUM(S) PER 404 IBC 2015? PAINT SPRAY BOOTHS, COATINGS, DIPPING OR INDUSTRIAL OVENS USED PER 2404, 2405, 2406 AND CHAPTER 30 IFC 2015?
HIGH RISE BLDG PER 403 IBC 2015?
ANY FUEL STORAGE TANKS PER 5704 IFC 2015?
SEPTIC SYSTEM? SUBMIT PLANS TO ENVIRONMENTAL HEALTH FOR REVIEW. MEDICAL GAS PER 5306 IFC 2015?
OTHER:
PUBLIC UTILITIES?

COMMENTS & NOTES

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

PROJECT NUMBER: IFC 2015 REVIEWER'S STAMP
THE PROJECT KNOWN AS (MUST BE THE NAME OF BUSINESS/DBA IF BUILDING IS FOR A SPECIFIC COMPANY)
WAS ACCEPTED BY DENTON COUNTY FOR THE PURPOSES LISTED BELOW:

REVIEWER'S SIGNATURE BLOCK
PERMIT OFFICE
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
I, 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#

REVISIONS (DO NOT USE THIS BLOCK UNTIL AFTER PERMIT IS ISSUED)
Table with 5 columns: DATE, SHEET NO.(S), DESCRIPTION, REVIEWER, COUNTY P.E.
FIRE CODE REVIEW SHEET NUMBER OF