



Greetings/Introduction



COVID-19 UPDATE

-STILL RECOMMENDING THAT CUSTOMERS AND STAFF WEAR MASKS WHILE IN THE BUILDING.

-6' DISTANCING

-CITY INSPECTOR HAS THE ABILITY TO ALLOW FOR INSPECTION BY PHOTO.

- PRIOR APPROVAL BY BUILDING OFFICIAL
 - WHEN NOT FEASIBLE TO MAINTAIN COVID PROTOCOL WITH NORMAL INSPECTION PROCESS
-

Review February Meeting

QUESTIONS?

2021 INTERNATIONAL FUEL GAS CODE (IFGC)

2021 INTERNATIONAL PLUMBING CODE (IPC)

2021 INTERNATIONAL MECHANICAL CODE (IMC)

Manual J, D and S

N1103.7 (IECC R403.7) EQUIPMENT SIZING AND EFFICIENCY RATING (MANDATORY).

HEATING AND COOLING EQUIPMENT **SHALL** BE SIZED IN ACCORDANCE WITH ACCA MANUAL S BASED ON BUILDING LOADS CALCULATED IN ACCORDANCE WITH ACCA MANUAL J OR OTHER APPROVED HEATING AND COOLING CALCULATION METHODOLOGIES. NEW OR REPLACEMENT HEATING AND COOLING EQUIPMENT SHALL HAVE AN EFFICIENCY RATING EQUAL TO OR GREATER THAN THE MINIMUM REQUIRED BY FEDERAL LAW FOR THE GEOGRAPHIC LOCATION WHERE THE EQUIPMENT IS INSTALLED.

Manual J, D and S

M1601.1 DUCT DESIGN.

DUCT SYSTEMS SERVING HEATING, COOLING AND VENTILATION EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS SECTION AND ACCA MANUAL D, THE APPLIANCE MANUFACTURER'S INSTALLATION INSTRUCTIONS OR OTHER APPROVED METHODS.

Manual D

MANUAL D MUST BE SUBMITTED PRIOR TO MECHANICAL INSPECTION AT FEMP.

EFFECTIVE OCTOBER 1, 2021 MANUAL D MUST BE SUBMITTED PRIOR TO ISSUANCE OF PERMIT.

Adoption of the 2021 Code

2021 INTERNATIONAL CODES



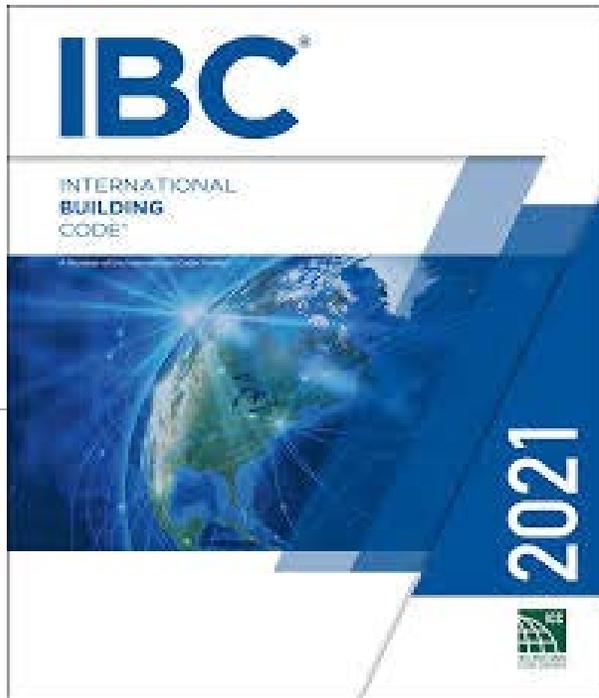
Adoption of the 2021 Code

NON OF THESE CHANGES OR AMENDMENTS HAVE BEEN THROUGH LEGAL AND ARE SUBJECT TO CHANGE.

NOT ALL CHANGES ARE INCLUDED.



Adoption of the 2021 IBC



2021 IBC

CITY AMENDMENT

SECTION 105.1 "REQUIRED." AMEND TO READ: "ANY OWNER OR AUTHORIZED AGENT WHO INTENDS TO CONSTRUCT, ENLARGE, ALTER, REPAIR, MOVE, DEMOLISH, OR CHANGE THE OCCUPANCY OF A BUILDING OR STRUCTURE; OR TO ERÉCT, INSTALL, ENLARGE, ALTER, REPAIR, REMOVE, CONVERT, OR REPLACE ANY ELECTRICAL, GAS, MECHANICAL, OR PLUMBING SYSTEMS; THE INSTALLATION OF WHICH IS REGULATED BY THIS CODE, OR TO INSTALL **ACCESSORY STRUCTURES**, OR TO CAUSE ANY SUCH WORK TO BE DONE, SHALL FIRST MAKE APPLICATION TO THE BUILDING OFFICIAL FOR A PERMIT, SHALL COMPLY WITH APPLICABLE STATE AND LOCAL RULES AND REGULATIONS CONCERNING LICENSING AND REGISTRATION, AND OBTAIN THE REQUIRED PERMIT."

2021 IBC

CITY AMENDMENT SECTION 105.2

“WORK EXEMPT FROM PERMIT.”

- DELETE ITEMS 1, 2, 3 AND 6.
 - ✓ ITEM 1-CHANGE REQUIRES PERMIT FOR ACCESSORY
 - ✓ ITEM 2-CHANGE REQUIRES FENCE PERMITS
 - ✓ ITEM 3-CHANGE REMOVED OIL DERRICKS
 - ✓ ITEM 6-CHANGE REQUIRES SIDEWALKS/FLATWORK
 - CHANGE ITEM 4 TO READ “2 FEET.”
 - ✓ CHANGE REQUIRES RETAINING WALLS OVER 2’ IN HEIGHT TO REQUIRE ENGINEERING.
-

2021 IBC

City Amendment

SECTION 109.4 “WORK COMMENCING BEFORE PERMIT ISSUANCE.”
REVISE TO READ: “IN ADDITION TO THE REQUIRED PERMIT FEES,
ANY PERSON WHO COMMENCES ANY WORK WHERE A PERMIT IS
REQUIRED SUCH AS A BUILDING, STRUCTURE, ELECTRICAL, GAS,
MECHANICAL, OR PLUMBING SYSTEM BEFORE OBTAINING THE
NECESSARY PERMITS SHALL BE SUBJECT TO A PENALTY OF \$250 OR
100% OF THE PERMIT FEE WHICHEVER GREATER.”

2021 IBC

City Amendment

SECTION 110.6.1 “RE-INSPECTION.” ADD NEW SECTION TO READ AS FOLLOWS: “WHERE ANY WORK OR INSTALLATION DOES NOT PASS ANY INSPECTION, THE NECESSARY CORRECTIONS SHALL BE MADE TO ACHIEVE COMPLIANCE WITH THIS CODE. THE WORK OR INSTALLATION SHALL THEN BE RE-SUBMITTED TO THE CODE OFFICIAL FOR RE-INSPECTION. A FEE SHALL BE PAID TO THE CITY FOR EACH RE-INSPECTION.”

2021 IBC

City Amendment

SECTION 113 “BOARD OF APPEALS.” REVISE TO READ: “BUILDING STANDARDS COMMISSION”, AND REPLACE IN ITS ENTIRETY WITH THE FOLLOWING:

(7) “SECTION 113.1 ‘GENERAL.’ THE ZBA (ZONING BOARD OF ADJUSTMENTS) IS DESIGNATED TO HEAR AND DECIDE APPEALS OF ORDERS, DECISIONS OR DETERMINATIONS MADE BY THE BUILDING OFFICIAL OR FIRE CODE OFFICIAL RELATIVE TO THE APPLICATION AND INTERPRETATION OF THE APPLICABLE CODE. THE ZBA SHALL BE APPOINTED AS CODIFIED BY CHAPTER 155 OF THE CODE OF HARKER HEIGHTS. THE BOARD SHALL RENDER ALL DECISIONS AND FINDINGS IN WRITING TO THE APPELLANT, WITH A DUPLICATE COPY TO THE CODE OFFICIAL.”

(8) SECTION 113.2 “LIMITATIONS OF AUTHORITY.” AMEND TO READ: “AN APPLICATION FOR APPEAL SHALL BE BASED ON A CLAIM THAT THE TRUE INTENT OF THIS CODE OR THE RULES ADOPTED HEREUNDER HAVE BEEN INCORRECTLY INTERPRETED, THE PROVISIONS OF THIS CODE DO NOT FULLY APPLY, OR AN EQUIVALENT METHOD OF CONSTRUCTION OR PROTECTION IS PROPOSED. THE BOARD SHALL HAVE NO AUTHORITY TO WAIVE REQUIREMENTS OF THIS CODE.”

2021 IBC

CHANGE 2015-2018(NO CHANGE 2021)

CHAPTER 2 DEFINITIONS:

GREENHOUSE (NEW) ...BUILDING USED FOR CULTIVATION, PROTECTION OR MAINTENANCE OF PLANTS.

SLEEPING UNITS (CLARIFIED) ... ROOMS OR AREAS FOR SLEEPING, MAY INCLUDE EITHER SANITATION OR KITCHEN FACILITIES BUT NOT BOTH.



2021 IBC

CHANGE 2018-2021

SOME DEFINITION CHANGES AND ADDITIONS. (THIS DOES NOT INCLUDE ALL)

ATRIUM (CHANGED)

CHANGE OF OCCUPANCY (CHANGED)

IMPACT PROTECTIVE SUSTEM (ADDITION)

MASS TIMBER (ADDITION)

NAILABLE SUBSTRATE (ADDITION)

PENTHOUSE (CHANGED)

PUZZLE ROOM (ADDITON)

2021 IBC

City Amendment

SECTION 202 "DEFINITIONS." ADD THE FOLLOWING:

~~"**ALL WEATHER DRIVING SURFACE** - A DRIVING SURFACE THAT IS CAPABLE OF SUPPORTING THE IMPOSED LOADS OF FIRE APPARATUS AND CONSISTING OF MATERIAL THAT IS IMPERVIOUS TO DAMAGE FROM WET CONDITIONS AND DOES NOT PRODUCE DUST DURING DRY WEATHER CONDITIONS. ACCEPTED MATERIALS SHALL CONSIST OF CONCRETE OR ASPHALT CORRECTLY APPLIED.~~

~~"**AS DEVELOPED** - THE CHANGE OF USE OF A PARCEL OF LAND FROM A VACANT, UNIMPROVED TRACT TO ONE WHICH IS PREPARED FOR OCCUPANCY BY BUILDINGS OR STRUCTURES.~~

~~"**MOBILE FOOD VENDOR** - A MOBILE FOOD UNIT WHICH IS WHEELED, OR OTHERWISE DESIGNED TO BE READILY TRANSPORTED FROM PLACE TO PLACE, WHETHER TOWED OR SELF- PROPELLED, AND WHICH IS NOT DESIGNED TO BE PERMANENTLY CONNECTED TO DOMESTIC WATER, SANITARY SYSTEMS, OR ELECTRICITY.~~

~~"**MOBILE HOME PARK** - FOR PURPOSES OF ENFORCEMENT OF THESE CODE PROVISIONS, A MOBILE HOME PARK SHALL BE CONSIDERED AS COMMERCIAL PROPERTY.~~

~~"**THE ROUTE THAT A FIRE HOSE WOULD BE LAID** - THE ROUTING OF FIRE HOSE FROM EITHER A PUBLIC OR APPROVED ON-SITE FIRE HYDRANT TO THE FIRE APPARATUS ALONG THE LENGTH OF THE PUBLIC ROADWAY AND/OR APPROVED PRIVATE FIRE LANES.~~

~~"**TEMPORARY** - ANY LENGTH OF TIME NOT TO EXCEED NINETY (90) DAYS WITHOUT CONDITIONAL USE APPROVAL."~~

2021 IBC

ATRIUM (CHANGED)

~~AN OPENING~~ A VERTICAL SPACE THAT IS CLOSED AT THE TOP
CONNECTING TWO OR MORE STORIES ~~OTHER THAN ENCLOSED~~
~~STAIRWAYS, ELEVATORS, HOISTWAYS, ESCALATORS, PLUMBING,~~
~~ELECTRICAL, AIR CONDITIONING OR OTHER EQUIPMENT, WHICH IS~~
~~CLOSED AT THE TOP AND NOT DEFINED AS A MALL. STORIES, AS USED IN~~
~~THIS DEFINITION, DO NOT INCLUDE BALCONIES WITHIN ASSEMBLY~~
~~GROUPS OR MEZZANINES THAT COMPLY WITH SECTION 505.~~ IN GROUP I-
2 AND I-3 OCCUPANCIES OR THREE OR MORE STORIES IN ALL OTHER
OCCUPANCIES.



2021 IBC

CHANGE OF OCCUPANCY (CHANGED)

~~A CHANGE IN THE PURPOSE OR LEVEL OF ACTIVITY WITHIN A BUILDING THAT INVOLVES A CHANGE IN APPLICATION OF THE REQUIREMENTS OF THIS CODE EITHER OF THE FOLLOWING SHALL BE CONSIDERED AS A CHANGE OF OCCUPANCY WHERE THIS CODE REQUIRES A GREATER DEGREE OF SAFETY, ACCESSIBILITY, STRUCTURAL STRENGTH, FIRE PROTECTION, MEANS OF EGRESS, VENTILATION OR SANITATION THAN IS EXISTING IN THE CURRENT BUILDING OR STRUCTURE.:~~

1. ANY CHANGE IN THE OCCUPANCY OF A BUILDING OR STRUCTURE
2. ANY CHANGE IN THE PURPOSE OF, OR A CHANGE IN THE LEVEL OF ACTIVITY WITHIN A BUILDING OR STRUCTURE.



2021 IBC

IMPACT PROTECTIVE SYSTEM (ADDITION)

CONSTRUCTION THAT HAS BEEN SHOWN BY TESTING TO WITHSTAND THE IMPACT OF TEST MISSILES AND THAT IS APPLIED ATTACHED OR LOCKED OVER EXTERIOR GLAZING.



2021 IBC

MASS TIMBER (ADDITION)

STRUCTURAL ELEMENTS OF TYPE IV CONSTRUCTION PRIMARILY OF SOLID, BUILD-UP, PANELIZED OR ENGINEERED WOOD PRODUCTS THAT MEET MINIMUM CROSS-SECTION DIMENSIONS OF TYPE IV CONSTRUCTION.



2021 IBC

NAILABLE SUBSTRATE (ADDITION)

A PRODUCT OR MATERIAL SUCH AS FRAMING, SHEATHING OR FURRING, COMPOSED OF WOOD, WOOD-BASED MATERIALS OR OTHER MATERIALS PROVIDING EQUIVALENT FASTENER WITHDRAWAL RESISTANCE.



2021 IBC

PENTHOUSE (CHANGED)

AN ENCLOSED, UNOCCUPIED ROOFTOP STRUCTURE USED FOR SHELTERING MECHANICAL AND ELECTRICAL EQUIPMENT, TANKS, ELEVATORS AND RELATED MACHINERY, STAIRWAYS AND VERTICAL SHAFT OPENINGS.



2021 IBC

PUZZLE ROOM (ADDITON)

A TYPE OF SPECIAL AMUSEMENT AREA IN WHICH OCCUPANTS ARE ENCOURAGED TO SOLVE A CHALLENGE TO ESCAPE FROM A ROOM OR SERIES OF ROOMS.



2021 IBC

CHANGE 2015-2018(NO CHANGE 2021)

311.1 STORAGE. ACCESSORY SPACES: REGARDLESS OF SIZE, STORAGE ROOMS AND STORAGE SPACES SHALL BE CLASSIFIED AS PART OF THE OCCUPANCY (~~<100 SQ FT~~).

FIRE RESISTANT EXTERIOR WALL RATING IS NOT REQUIRED FOR GROUP R3 (BOARDING HOUSE) MINIMUM OF FIVE FEET AWAY FROM THE PROPERTY LINE.



2021 IBC

City Amendment

SECTION 406.7.2 “CANOPIES.” AMEND THE HEIGHT REQUIREMENT TO 14 FEET, 0 INCHES (4,267.2 MM).

CANOPIES UNDER WHICH FUELS ARE DISPENSED SHALL HAVE A CLEAR, UNOBSTRUCTED HEIGHT OF NOT LESS THAN ~~13 FEET 6~~ INCHES (4115 MM) TO THE LOWEST PROJECTING ELEMENT IN THE VEHICLE DRIVE-THROUGH AREA.

2021 IBC

City Amendment

SECTION 501.2 "ADDRESS IDENTIFICATION." ADD NEW SECTION TO READ: "NEW AND EXISTING BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS NUMBERS OR LETTERS. ONE- AND TWO-FAMILY DWELLINGS MUST BE A MINIMUM OF 4 INCHES (102 MM) HIGH AND A MINIMUM OF 0.5 INCHES (12.7 MM) WIDE; ALL OTHER BUILDINGS MUST BE 6 INCHES (152.4 MM) HIGH AND A MINIMUM OF 0.5 INCHES (12.7 MM) WIDE. THEY SHALL BE INSTALLED ON A CONTRASTING BACKGROUND, BE PLAINLY VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. WHERE ACCESS IS BY MEANS OF A PRIVATE ROAD AND THE BUILDING ADDRESS CANNOT BE SEEN FROM THE PUBLIC WAY, A MONUMENT, POLE OR OTHER APPROVED SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE. ON ALL MULTI-FAMILY BUILDINGS ABOVE TWO-FAMILY DWELLINGS SHALL BE A PLACARD MOUNTED ON THE STREET SIDE OF THE BUILDING, VISIBLE FROM THE ROADWAY, STATING THE PERSON OR COMPANY THAT MANAGES THE PROPERTY AND A 24-HOUR PHONE NUMBER. THE PLACARD MINIMUM IS 12 INCHES BY 10 INCHES, WITH LETTERS AND NUMBERS BEING 1 INCH IN HEIGHT, AND OF CONTRASTING COLORS TO THE PLACARD AND THE STRUCTURE."

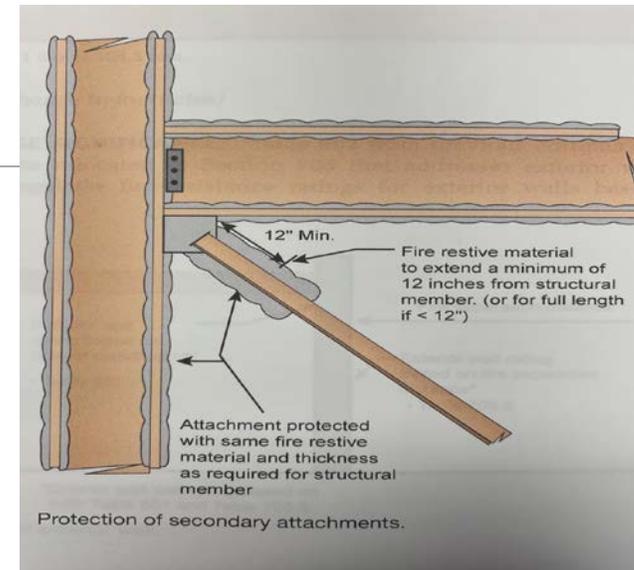


2021 IBC

CHANGE 2018-2021

ADDED SECTION 704.6.1-SECONDARY ATTACHMENT TO STRUCTURAL MEMBERS

GUIDANCE HAS BEEN PROVIDED TO ENSURE CONTINUITY OF FIRE-RESISTIVE PROTECTION WHERE SECONDARY STEEL ATTACHES TO EITHER PRIMARY OR SECONDARY FIRE-RESISTANCE RATED STRUCTURAL MEMBER



2021 IBC

CHANGE 2018-2021-MODIFICATION

716.2.2.1.1 SMOKE AND DRAFT CONTROL

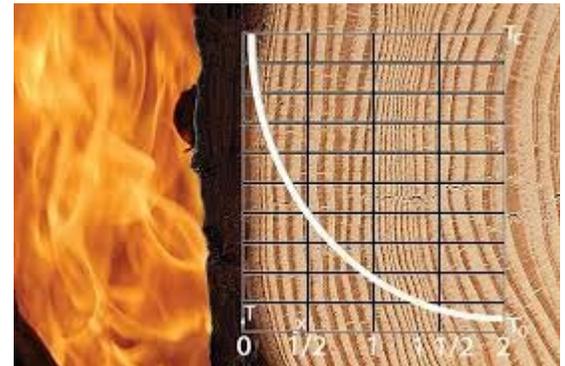
THE USE OF “TERMINATED STOPS” ON DOOR FRAMES OF DOORS PROVIDING SMOKE AND DRAFT CONTROL PROTECTION AT ELEVATOR LOBBIES IS NOW PROHIBITED.

2021 IBC

ADDED 2018-2021

722.7 FIRE-RESISTANCE RATING FOR MASS TIMBER

A PRESCRIPTIVE APPROACH HAS BEEN PROVIDED TO ACHIEVE THE REQUIRED FIRE-RESISTANCE RATINGS FOR NEW MASS TIMBER CONSTRUCTION TYPE MEMBERS AND ASSEMBLIES.



2021 IBC

CHANGE 2015-2018(NO CHANGE 2021)

718.4-ATTIC DRAFT STOPPING IS NOT REQUIRED IN BUILDINGS WITH FIRE SPRINKLER SYSTEM INSTALLED THROUGHOUT.

903.2.3-FIRE SPRINKLER SYSTEM IS REQUIRED FOR GROUP E WHEN FIRE AREA IS:

- FLOOR LEVEL ABOVE OR BELOW EXIT DISCHARGE
- 12,000 SQ FT OR MORE
- OL OF 300 OR MORE (ADDED IN 2018)

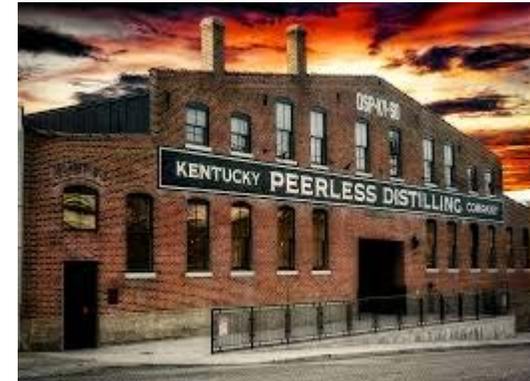


2021 IBC

ADDED 2018-2021

903.2.4.2 GROUP F-1 DISTILLED SPIRITS

ADDITION IMPOSES A SPRINKLER REQUIREMENT FOR BOTH THE MANUFACTURING AND BULK STORAGE OF DISTILLED SPIRITS.



2021 IBC

City Amendment

SECTION 903.1.2 “SPECIAL CONSTRUCTION REQUIREMENTS.” ADD NEW SECTION TO READ AS FOLLOWS: “OTHER PROVISIONS OF THIS CODE NOTWITHSTANDING, AUTOMATIC SPRINKLER SYSTEMS COMPLYING WITH CHAPTER 9 OF THIS CODE SHALL BE INSTALLED IN ALL BUILDINGS IN EXCESS OF TWO STORIES, THIRTY-FIVE (35) FEET IN HEIGHT.

EXCEPTIONS: ONE AND TWO FAMILY DWELLINGS”

2021 IBC

City Amendment

IN SECTION 903.2.8 "GROUP R." ADD EXCEPTIONS:

"EXCEPTION: CONSTRUCTION OF ONE (1) APARTMENT BUILDING CONTAINING UP TO FOUR (4) UNITS ON A SINGLE LOT, CONSTRUCTED WITH A TWO (2) HOUR FIRE SEPARATION (WITH NO PENETRATIONS) FROM SLAB TO THE UNDERSIDE OF THE ROOF BETWEEN DWELLING UNITS, SHALL NOT BE REQUIRED TO INSTALL A FIRE SPRINKLER SYSTEM.

EXCEPTIONS: ONE AND TWO FAMILY DWELLINGS."

2021 IBC

CHANGE 2015-2018 (CLARIFICATION FOR LOCKS IN 2021)

MANUAL FIRE ALARM SYSTEMS ARE NO LONGER REQUIRED IN GROUP R4 OCCUPANCIES (ASSISTED LIVING FACILITIES UP TO 16 PERSONS). CONSIDERED “OVERLY RESTRICTIVE”

EDUCATIONAL OCCUPANCIES HAVE BEEN GIVEN ENHANCED SECURITY MEASURES FOR LOCKING ARRANGEMENTS DESIGNED TO KEEP INTRUDERS OUT.



2021 IBC

CHANGE 2015-2018 (NO CHANGE 2021)

GROUP R1 (HOTELS) FLOOR LEVEL EXIT SIGNS ARE NOW CLARIFIED TO BE A **MAXIMUM OF 18"** FROM THE FLOOR TO THE BOTTOM OF THE SIGN.



2021 IBC

City Amendment

SECTION 1101.2 “DESIGN.” AMEND TO READ AS FOLLOWS: “BUILDINGS AND FACILITIES SHALL BE DESIGNED AND CONSTRUCTED TO BE ACCESSIBLE IN ACCORDANCE WITH THIS CHAPTER AND THE TEXAS ACCESSIBILITY STANDARDS (TAS) OF THE ARCHITECTURAL BARRIERS LAW, GOVERNMENT CODE CHAPTER 469, AS APPLICABLE.

EXCEPTIONS: BUILDINGS REGULATED UNDER STATE LAW AND BUILT IN ACCORDANCE WITH STATE-CERTIFIED PLANS, INCLUDING ANY VARIANCE OR WAIVERS GRANTED BY THE STATE, SHALL BE DEEMED TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF THIS CHAPTER.”

2021 IBC

ADDITION 2018-2021

1110.6 BOTTLE FILLING STATION

WHERE PROVIDED, BOTTLE FILLING STATIONS MUST NOW BE ACCESSIBLE.



2021 IBC

City Amendment

SECTION 1512.2.1 "ROOF COVER." DELETE #2

1511.3.1 ROOF RECOVER.

THE INSTALLATION OF A NEW ROOF COVERING OVER AN EXISTING ROOF COVERING SHALL BE PERMITTED WHERE ANY OF THE FOLLOWING CONDITIONS OCCUR:

1. WHERE THE NEW ROOF COVERING IS INSTALLED IN ACCORDANCE WITH THE ROOF COVERING MANUFACTURER'S APPROVED INSTRUCTIONS.

~~2. COMPLETE AND SEPARATE ROOFING SYSTEMS, SUCH AS STANDING SEAM METAL ROOF PANEL SYSTEMS, THAT ARE DESIGNED TO TRANSMIT THE ROOF LOADS DIRECTLY TO THE BUILDING'S STRUCTURAL SYSTEM AND THAT DO NOT RELY ON EXISTING ROOFS AND ROOF COVERINGS FOR SUPPORT, SHALL NOT REQUIRE THE REMOVAL OF EXISTING ROOF COVERINGS.~~

3. METAL PANEL, METAL SHINGLE AND CONCRETE AND CLAY TILE ROOF COVERINGS SHALL BE PERMITTED TO BE INSTALLED OVER EXISTING WOOD SHAKE ROOFS WHEN APPLIED IN ACCORDANCE WITH [SECTION 1511.4](#).

4. THE APPLICATION OF A NEW PROTECTIVE COATING OVER AN EXISTING SPRAY POLYURETHANE FOAM ROOFING SYSTEM SHALL BE PERMITTED WITHOUT TEAR OFF OF EXISTING ROOF COVERINGS.

2021 IBC

City Amendment

SECTION 1512.3 “ROOF RECOVERING.” AMEND TO READ AS FOLLOWS: “NO BUILDING HEREAFTER CONSTRUCTED, ALTERED, OR RE-ROOFED, SHALL HAVE A SECOND ROOF STRUCTURE PLACED OVER AN EXISTING ROOF STRUCTURE WITHOUT THE REMOVAL OF THE ENTIRE FIRST ROOF.”

2021 IBC

CHANGE 2015-2018 (NO CHANGE 2021)

MECHANICAL EQUIPMENT NEAR ROOF'S EDGE MAY USE PERMANENT PERSONAL FALL RESTRAINT ANCHORS CONNECTORS IN LIEU OF GUARD RAILS



2021 IBC

City Amendment

SECTION 1612.3 “ESTABLISHMENT OF FLOOD HAZARD AREAS.”
INSERT “THE CITY OF HARKER HEIGHTS” AND “SEPTEMBER 26,
2008,” RESPECTIVELY.

2021 IBC

City Amendment

SECTION 1807.2 "RETAINING WALLS." AMEND TO READ: "RETAINING WALLS TWO (2) FEET AND OVER MUST BE PERMITTED AND ENGINEERED. WALLS USED TO SEPARATE ELEVATIONS BETWEEN PROPERTIES SHALL BE PLACED ON THE PROPERTY LINE OR NOT CLOSER THAN SIX (6) FEET TO THE PROPERTY LINE, ALLOWING ROOM TO PROVIDE A DRAINAGE SWALE THAT WILL PREVENT RUNOFF WATERS FROM INUNDATING THE ADJACENT PROPERTIES. RETAINING WALLS MUST BE CONSTRUCTED OF A MATERIAL THAT IS CLASSIFIED AS PERMANENT, I.E., CONCRETE OR DECORATIVE CONCRETE BLOCK; THE USE OF HEAVY TIMBER IS NOT PERMITTED WITHIN TEN (10) FEET OF ANY PROPERTY LINE. RETAINING WALLS SHALL BE DESIGNED IN ACCORDANCE WITH SECTIONS 1808.2.1 THROUGH 1807.2.3. RETAINING WALL DRAWINGS AND ENGINEERED PLANS MUST BE SITE SPECIFIC."



2021 IBC

City Amendment

TABLE 2308.7.5 THROUGH TABLE 2308.7.2(6) OF THIS CODE ARE AMENDED BY DELETING IN THEIR ENTIRETY ALL COLUMNS THAT REFER TO 2 BY 4'S.



2021 IBC

ADDITION 2018-2021

3115 INTERMODAL SHIPPING CONTAINERS

THE USE OF THE INTERMODAL SHIPPING CONTAINERS AS BUILDINGS AND STRUCTURES IS NOW RECOGNIZED IN THE IBC, AND CRITERIA HAVE BEEN ESTABLISHED TO ADDRESS THE MINIMUM SAFETY REQUIREMENTS WITHOUT DUPLICATING EXISTING CODE PROVISIONS.



2021 IBC

City Amendment

APPENDICES C, E, F, G, I, J, K, L AND O ARE ADOPTED.

APPENDIX C GROUP U—AGRICULTURAL BUILDINGS

APPENDIX E SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS

APPENDIX F RODENTPROOFING

APPENDIX G FLOOD-RESISTANT CONSTRUCTION

APPENDIX I PATIO COVERS

APPENDIX J GRADING

APPENDIX K ADMINISTRATIVE PROVISIONS

APPENDIX L EARTHQUAKE RECORDING INSTRUMENTATION

APPENDIX O PERFORMANCE BASED APPLICATION

2021 IBC

City Amendment

APPENDICES A, B, D, H AND M ARE NOT ADOPTED

APPENDIX A EMPLOYEE QUALIFICATIONS

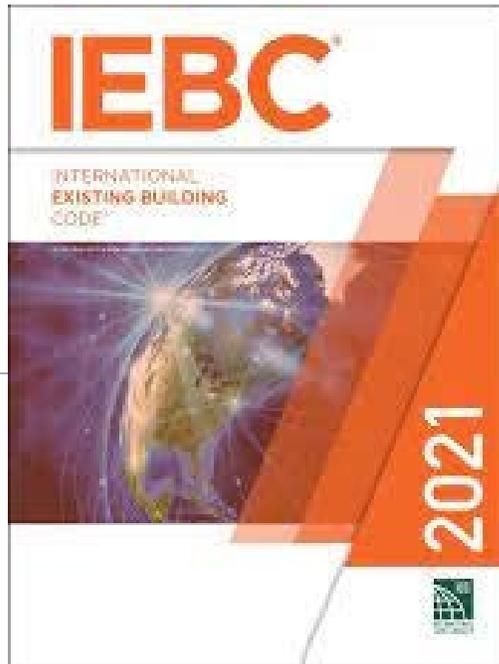
APPENDIX B BOARD OF APPEALS

APPENDIX D FIRE DISTRICTS

APPENDIX H SIGNS

APPENDIX M TSUNAMI-GENERATED FLOOD HAZARD

Adoption of the 2021 IEBC



2021 IEBC

CHANGE 2018-2021

SECTION 303-STORM SHELTERS

STORM SHELTER REQUIRMENTS HAVE BEEN RELOCATED TO CHAPTER 3. THE REQUIRED OCCUPANT CAPACITY IS NOW LIMITED TO THE TOTAL OCCUPANT LOAD OF THE CLASSROOMS, VOCATIONAL ROOMS AND OFFICES IN THE SCHOOL WHILE THE MAXIMUM _____ DISTANCE OF TRAVEL HAS BEEN DELETED.

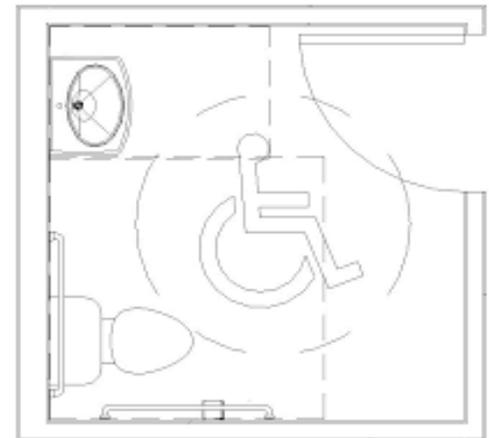


2021 IEBC

CHANGE FOR CLARIFICATION 2018-2021

306.7 ACCESSIBLE TOILETS AND BATHING ROOMS

THE REQUIREMENTS FOR ACCESSIBLE BATHING ROOMS AND TOILET ROOMS HE BEEN CLARIFIED.



2021 IEBC

CHANGE 2018-2021

307 AND 308 SMOKE ALARM AND CO DETECTION

THE REQUIREMENTS FOR SMOKE ALARMS AND CO ALARMS HAVE BEEN RELOCATED TO CHAPTER 3 TO APPLY ALL THREE METHODS. IN ADDITION, THE CO REQUIREMENTS HAVE BEEN REVISED TO RECOGNIZE THE USE OF BOTH CO ALARMS AND CO DETECTION SYSTEMS.



2021 IEBC

CHANGE 2018-2021

503.4 ROOFTOP EQUIPMENT DEAD LOAD

THE ADDITION OF EQUIPMENT TO THE ROOF WITHOUT A FULL STRUCTURAL ANALYSIS IS NOW PERMITTED WHEN THE EQUIPMENT WEIGHS LESS THAN 400 POUNDS AND IS LESS THAN 10 % OF THE TOTAL ROOF DEAD LOAD.



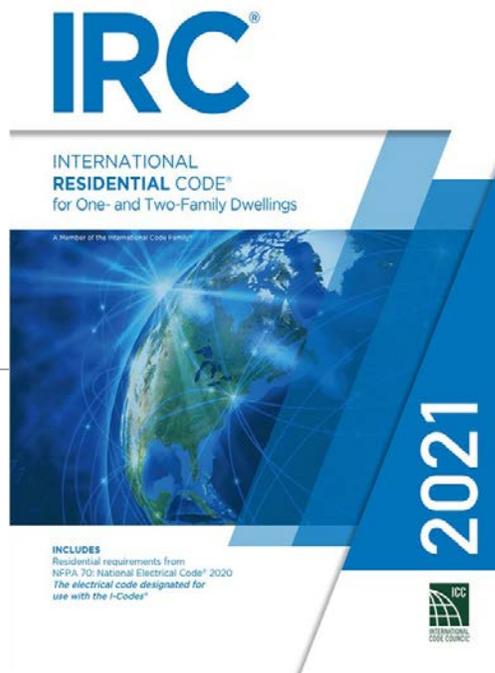
2021 IEBC

ADDITION 2018-2021

904.1.4, 904.1.5, 904.1.6, 904.1.7 SPRINKLERS AND LEVEL 3 ALTERATIONS

SPRINKLER REQUIREMENTS FOR LEVEL 3 ALTERATIONS HAVE BEEN ADDED TO CLARIFY REQUIRED SYSTEMS BASED OF THE SPECIFIC OCCUPANCY AND THE LOCATION OF THE WORK AREA.

Adoption of the 2021 IRC



2021 IRC City Amendment

SECTION R105.1 “REQUIRED.” AMEND TO READ: “ANY OWNER OR AUTHORIZED AGENT WHO INTENDS TO CONSTRUCT, ENLARGE, ALTER, REPAIR, MOVE, DEMOLISH, OR CHANGE THE OCCUPANCY OF A BUILDING OR STRUCTURE, OR TO ERECT, INSTALL, ENLARGE, ALTER, REPAIR, REMOVE, CONVERT, OR REPLACE ANY ELECTRICAL, GAS, MECHANICAL, OR PLUMBING SYSTEM, THE INSTALLATION OF WHICH IS REGULATED BY THIS CODE, OR TO INSTALL ACCESSORY STRUCTURES, OR TO CAUSE ANY SUCH WORK TO BE DONE, SHALL FIRST MAKE APPLICATION TO THE BUILDING OFFICIAL FOR A PERMIT. ANY OWNER OR AUTHORIZED AGENT SHALL ALSO COMPLY WITH APPLICABLE STATE AND LOCAL RULES AND REGULATIONS CONCERNING LICENSING AND REGISTRATION, AND OBTAIN THE REQUIRED PERMIT.”

2021 IRC

City Amendment

SECTION R105.2 “WORK EXEMPT FROM PERMIT.” REMOVE EXEMPTIONS 1, 2, 4, 5 AND 10, AND CHANGE NUMBER 3 TO READ: “RETAINING WALLS THAT ARE NOT OVER 2 FEET (609.6 MM) IN HEIGHT.”

1. ACCESSORY STRUCTURES
2. FENCES OVER 7'
3. CHANGE FROM 4' TO 2'

4. WATER TANKS ON GRADE
5. FLATWORK
10. DECKS NOT EXCEEDING 200'

2021 IRC City Amendment

SECTION R109.4.1 “RE-INSPECTION.” ADD NEW SECTION TO READ AS FOLLOWS: “WHERE ANY WORK OR INSTALLATION DOES NOT PASS ANY INSPECTION, THE NECESSARY CORRECTIONS SHALL BE MADE TO ACHIEVE COMPLIANCE WITH THIS CODE. THE WORK OR INSTALLATION SHALL THEN BE RE-SUBMITTED TO THE BUILDING OFFICIAL FOR RE-INSPECTION. A FEE SHALL BE PAID THE CITY FOR EACH RE-INSPECTION.”

2021 IRC City Amendment

SECTION R112 “BOARD OF APPEALS.” REPLACE THE TEXT WITH THE FOLLOWING: “REFER TO SECTION 113 OF THE INTERNATIONAL BUILDING CODE.”

SECTION R113.4 “VIOLATION PENALTIES.” ADD THE FOLLOWING SENTENCE: “REFER TO SECTION 150.99 OF THE CODE OF HARKER HEIGHTS.”

2021 IRC

City Amendment

TABLE 301.2(1). INSERT THE FOLLOWING CRITERIA:

SNOW LOAD 5 POUNDS/FOOT

WIND 115 (3-SEC GUST)/75 FASTEST MILE

SEISMIC DESIGN CATEGORY B

WEATHERING MODERATE

FROSTLINE DEPTH 4 INCHES

TERMITE MODERATE TO HEAVY

DECAY SLIGHT TO MODERATE

WINTER DESIGN TEMPERATURE 26° F

FLOOD HAZARDS LOCAL CODE

2021 IRC City Amendment

SECTION R306.5 “TOILET FACILITIES FOR WORKERS.” ADD TO READ AS FOLLOWS: “TOILET FACILITIES SHALL BE PROVIDED FOR CONSTRUCTION WORKERS, AND SUCH FACILITIES SHALL BE MAINTAINED IN A SANITARY CONDITION. CONSTRUCTION WORKER TOILET FACILITIES OF THE NON-SEWER TYPE SHALL CONFORM TO ANSI Z4.3. THE PATH OF TRAVEL TO REQUIRED FACILITIES SHALL NOT EXCEED A DISTANCE OF 300 FEET (91.2 M).”

2021 IRC

City Amendment

SECTION R313.2 “AUTOMATIC FIRE SPRINKLER SYSTEMS.” DELETE THIS SECTION

S.B. NO. 1410-

NOT WITHSTANDING ANY OTHER PROVISION OF STATE LAW, AFTER JANUARY 1, 2009, A MUNICIPALITY MAY NOT ENACT AN ORDINANCE, BYLAW, ORDER, BUILDING CODE, OR RULE REQUIRING THE INSTALLATION OF A MULTIPURPOSE RESIDENTIAL FIRE PROTECTION SPRINKLER SYSTEM OR ANY OTHER FIRE SPRINKLER PROTECTION SYSTEM IN A NEW OR EXISTING ONE- OR TWO-FAMILY DWELLING. A MUNICIPALITY MAY ADOPT AN ORDINANCE, BYLAW, ORDER, OR RULE ALLOWING A MULTIPURPOSE RESIDENTIAL FIRE PROTECTION SPRINKLER SPECIALIST OR OTHER CONTRACTOR TO OFFER, FOR A FEE, THE INSTALLATION OF A FIRE SPRINKLER PROTECTION SYSTEM IN A NEW ONE- OR TWO-FAMILY DWELLING.

2021 IRC City Amendment

SECTION 313.2.1 “DESIGN AND INSTALLATION.” AMEND TO READ:
“AUTOMATIC RESIDENTIAL FIRE SPRINKLER SYSTEMS WHEN
INSTALLED SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE
WITH SECTION P2904 OR NFPA 13D.”

2021 IRC

CHANGE FROM 2015-2018. NO CHANGE TO THE 2021

R314.2.2. WHEN ALTERATIONS, REPAIRS OR ADDITIONS REQUIRING A PERMIT OCCURS, THE DWELLING UNIT SHALL BE EQUIPPED WITH SMOKE ALARMS AS REQUIRED FOR NEW DWELLINGS.

-EXCEPT FOR EXTERIOR WORK SUCH AS REROOFING, SIDING, WINDOWS, DOORS, PORCHES, DECKS OR REPAIRS OF PLUMBING OR MECHANICAL SYSTEMS.

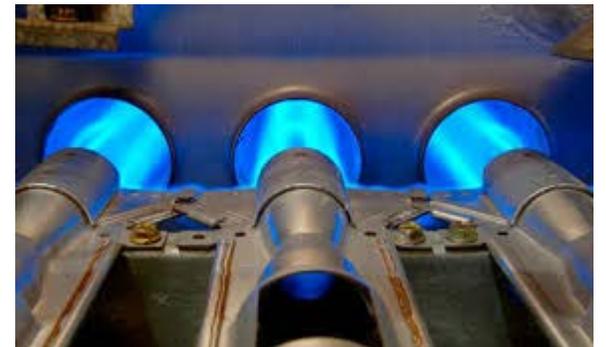


2021 IRC

CHANGE 2018-2021 (SOME CHANGE WAS IN 2018)

R315.2.2. SAME RULES APPLY FOR CARBON MONOXIDE ALARMS.

ADDED 3RD EXEMPTION. INSTALLATION, ALTERATION OR REPAIRS OF MECHANICAL SYSTEMS THAT ARE **NOT FUEL FIRED**.



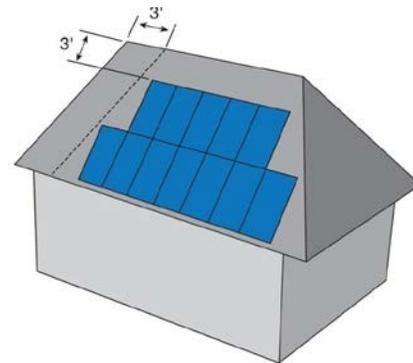
2021 IRC

CHANGE FROM 2015-2018

ROOFTOP MOUNTED SOLAR PANELS.

R324.6. ROOF ACCESS, PATHWAYS, AND SETBACK REQUIREMENTS SHALL BE PROVIDED TO PROVIDE EMERGENCY ACCESS TO THE ROOF AND PROVIDE FOR SMOKE VENTILATION OPPORTUNITY AREAS.

2021 ADDED EXCEPTION #4. BIPV (BUILDING INTEGRATED PHOTOVOLTAICS) SYSTEM LISTED IN ACCORDANCE WITH 690.12 (B)(2) OF NFPA 70, WHERE THE REMOVAL OR CUTTING AWAY OF PORTIONS OF THE BIPV SYSTEM DURING A FIRE WOULD NOT EXPOSE A FIRE FIGHTER TO SHOCK.



2021 IRC

CHANGE FROM 2015-2018 (2021 MOVED TO 324.6.3)

ROOFTOP MOUNTED SOLAR PANELS.

R324.6.2.2. PANELS AND MODULES SHALL NOT BE PLACED ON THE PORTION OF THE ROOF THAT IS BELOW AN EMERGENCY ESCAPE AND RESCUE OPENING. A PATHWAY NOT LESS THAN 36" WIDE SHALL BE PROVIDED.

EXEMPTION FOR BIPV WAS ADDED IN 2021



2021 IRC City Amendment

SECTION R404.6 “RETAINING WALLS.” ADD NEW SECTION TO READ AS FOLLOWS; “RETAINING WALLS TWO (2) FEET AND OVER MUST BE PERMITTED AND ENGINEERED. WALLS USED TO SEPARATE ELEVATIONS BETWEEN PROPERTIES SHALL BE PLACED ON THE PROPERTY LINE OR NOT CLOSER THAN SIX (6) FEET TO THE PROPERTY LINE, ALLOWING ROOM TO PROVIDE A DRAINAGE SWALE THAT WILL PREVENT RUNOFF WATERS FROM INUNDATING THE ADJACENT PROPERTIES. RETAINING WALLS MUST BE CONSTRUCTED OF A MATERIAL THAT IS CLASSIFIED AS PERMANENT, I.E., CONCRETE OR DECORATIVE CONCRETE BLOCK; THE USE OF HEAVY TIMBER IS NOT PERMITTED WITHIN TEN (10) FEET OF ANY PROPERTY LINE. RETAINING WALL DRAWINGS AND ENGINEERED PLANS MUST BE SITE SPECIFIC.”

2021 IRC

CHANGE FROM 2015-2018 (REORGANIZED CONTENT)

CHAPTER 5 FLOORS

R507 DECKS

- ❑ IMPROVED FLOW OF TOPICS IN ORDER OF CONSTRUCTION.
 - ❑ IMPROVED DESIGN SPECIFICATIONS FOR WOOD, FASTENERS AND OTHER COMMON DECK MATERIALS.
 - ❑ CLARIFICATION OF POST TO BEAM AND BEAM TO JOIST REQUIREMENTS.
 - ❑ ADDED INFORMATION TABLES AND ILLUSTRATIONS.20
-



2021 IRC

CHANGE FROM THE 2015-2018

CHAPTER 6 WALL CONSTRUCTION AMENDMENTS

- ❑ R602.3.1. NEW PRESCRIPTIVE METHODS FOR WALL STUDS OVER 10 FOOT TALL. (ADDED EXCEPTION #3)
- ❑ TABLES R602.7(1) AND (2). GIRDER AND HEADER SPANS SIZED AS #2 NOT #1 GRADE. (CHANGE MADE IN FOOT NOTE B)



2021 IRC City Amendment

R602.3.1 STUD SIZE, HEIGHT AND SPACING. (ADD EXCEPTION #4)

THE SIZE, HEIGHT AND SPACING OF STUDS SHALL BE IN ACCORDANCE WITH TABLE R602.3.(5).

EXEMPTION 4. WHERE PLUMBING IS PRESENT AND PASSES THROUGH MORE THAN ONE FRAMING MEMBER WITHIN A WALL ASSEMBLY, NO LESS THAN 2X6 FRAMING SHALL BE USED. (WET WALL)

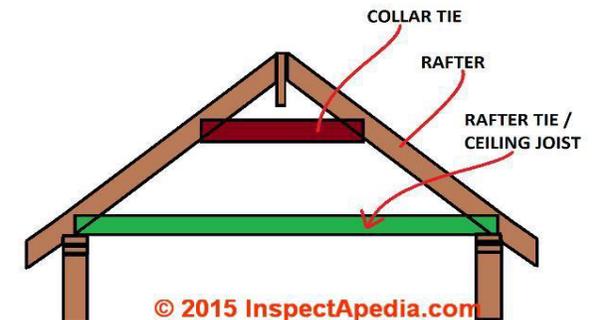


2021 IRC

CHANGE FROM 2015-2018

CHAPTER 8 ROOF / CEILING CONSTRUCTION

R802 ROOF FRAMING. THE CODE HAS BEEN CLARIFIED BY DIVIDING THE ROOF FRAMING CONTENT INTO THREE SEPARATE SECTIONS ON ROOF RIDGES, RAFTERS, AND CEILING JOISTS.



2021 IRC City Amendment

SECTION R801 "GENERAL." ADD SECTION R801.4 "ROOF FRAMING."
TO READ AS FOLLOWS: "ROOF FRAMING MATERIALS, TWO INCH (2")
BY FOUR INCH (4"), REFERRED TO IN THE SPAN TABLES OF THIS
CHAPTER, SHALL NOT BE PERMITTED IN HABITABLE STRUCTURES
EXCEPT WHEN USED IN ENGINEERED TRUSSES."

2021 IRC

CHANGE 2015-2018 (NO SIGNIFICANT CHANGE TO 2021)

NEW SECTION R905.17 ADDED FOR THE INSTALLATION AND ATTACHMENT OF BUILDING-INTEGRATED PHOTOVOLTAIC (BIPV) ROOF PANELS.



2021 IRC City Amendment

SECTION 908.4 “ROOF RE-COVERING.” DELETE THIS SECTION.

SECTION 908.7 “SECONDARY ROOFING.” ADD SECTION TO READ AS FOLLOWS: “NO BUILDING HEREAFTER CONSTRUCTED, ALTERED, OR RE-ROOFED, SHALL HAVE A SECOND ROOF STRUCTURE PLACED OVER AN EXISTING ROOF STRUCTURE WITHOUT THE REMOVAL OF THE ENTIRE FIRST ROOF.”

2021 IRC

CHANGE 2015-2018

CHAPTER 10 CHIMNEYS AND FIREPLACES

R1005.8 INSULATION SHIELD. FACTORY BUILT CHIMNEYS ARE NOW REQUIRED TO HAVE AN INSULATION SHIELD TO PROVIDE THE CLEARANCE.



2021 IRC

CHANGE 2015-2018(CHANGED IN 2021)

N1104.1 (R404.1) LIGHTING EQUIPMENT (MANDATORY). THE REQUIRED PERCENTAGE OF PERMANENT LIGHTING FIXTURES HAVING HIGH-EFFICACY LAMPS HAS INCREASED FROM 75% TO 90%.

2021 CHANGE TO ALL.

N1104.1 (R404.1) LIGHTING EQUIPMENT (MANDATORY). ALL PERMANENTLY INSTALLED FIXTURES, EXCLUDING KITCHEN APPLIANCE LIGHT, SHALL CONTAIN ONLY HIGH-EFFICACY LIGHTING.



2021 IRC

CHANGE 2015-2018 (NO CHANGE 2021)

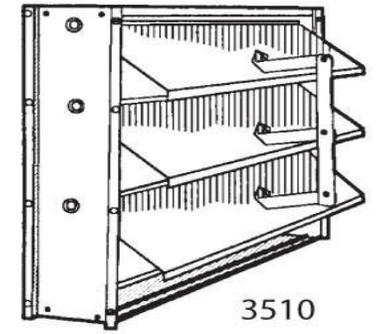
M1502.3.1. DRYER EXHAUST TERMINATION OUTLET MUST NOT DOWNSIZE AND BE AT LEAST 12.5 INCHES IN AREA.

M1502.4.2. MUST NOT DEFORM THE PIPE DRYER EXHAUST DUCTS INSTALLED IN WALL OR CEILING CAVITIES.



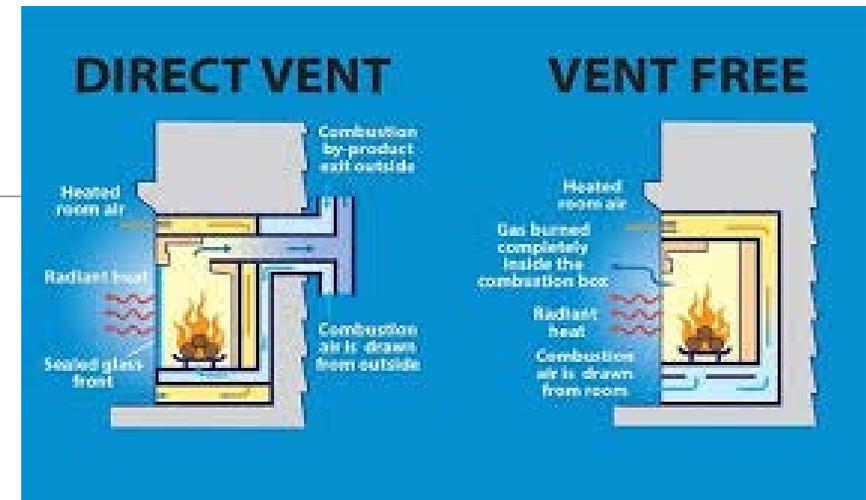
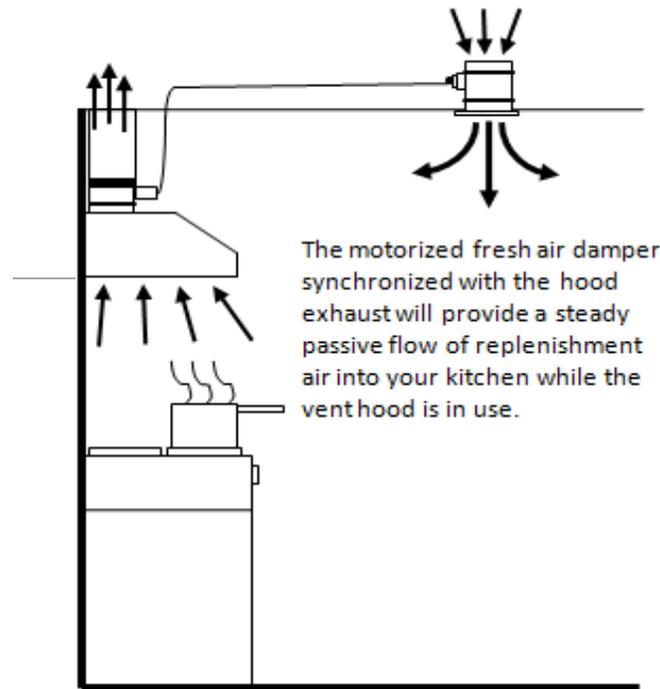


2021 IRC



CHANGE 2015-2018 (NO CHANGE 2021)

M1503.6 MAKEUP AIR REQUIRED. GAS, LIQUID OR SOLID FUEL BURNING APPLIANCES THAT DOES NOT HAVE A DIRECT VENT MUST HAVE MAKE UP AIR SUPPLIED. CAN BE MECHANICAL OR PASSIVELY PROVIDED.



2021 IRC

TDLR ADOPTED THE 2020 NEC EFFECTIVE NOVEMBER 1, 2020.
THE CITY OF HARKER HEIGHTS HAS ADOPTED 2020 11/1/2021.
PRESENTATION GIVEN 7/21/2020 AT CONTRACTORS MEETING.



2021 IRC City Amendment

SECTION P2501.3 "METERING." ADD NEW SECTION: "EACH DWELLING ~~BUILDING~~ TO WHICH DOMESTIC WATER SERVICE IS SUPPLIED SHALL BE SEPARATELY METERED. UPON REQUEST FOR A METER SET, THE WATER SERVICE TAP SHALL BE IDENTIFIED AND EXPOSED BY THE OWNER OR HIS AGENT. ADJACENT GRADE AT THAT TIME SHALL BE AS CLOSE TO FINISHED GRADE AS POSSIBLE. SHOULD FINISHED GRADE LATER PROVE TO VARY FROM THAT WHICH WAS ANTICIPATED UPON THE ~~SETTING OF THE METER,~~ IT SHALL BE THE OWNER'S SOLE RESPONSIBILITY TO ALTER THE GRADE OF THE WATER SERVICE TAP, THE METER, METER VAULT AND YARD LINE TO ACCOMMODATE THE GRADE CHANGE.

2021 IRC

City Amendment

SECTION P2501.4 “SEWER CONNECTION.” ADD NEW SECTION:
“EACH BUILDING WHICH CONTAINS PLUMBING FIXTURES DESIGNED TO WASTE TO THE SANITARY DRAINAGE SYSTEM SHALL HAVE A SEPARATE CONNECTION AT THE PUBLIC SEWER. EACH HOUSEHOLD UNIT OF A TOWNHOUSE OR TWO FAMILY DWELLING SHALL HAVE A SEPARATE CONNECTION TO THE PUBLIC SEWER, AND SHALL NOT SHARE ANY PORTION OF THE DWV SYSTEM. A COMMON COLLECTOR LINE MAY RECEIVE THE DISCHARGE FROM EACH HOUSEHOLD UNIT IN THE CASE OF TWO FAMILY DWELLINGS UNDER COMMON OWNERSHIP AND MANAGEMENT.”

2021 IRC

CHANGE 2015-2018(NO CHANGE 2021)

P2801.6. A PLASTIC PAN INSTALLED BENEATH A GAS-FIRED WATER HEATER SHALL BE LISTED PER UL 723.

P2903.5. A WATER HAMMER ARRESTOR SHALL BE INSTALLED WHERE QUICK-CLOSING VALVES ARE UTILIZED.



2021 IRC City Amendment

SECTION P2902.4.3 “HOSE CONNECTION.” ADD THE FOLLOWING:
“ALL HOSE BIBS INSTALLED ON THE EXTERIOR OF THE BUILDING
SHALL BE PROTECTED WITH A BACK FLOW PREVENTER THAT IS AN
INTEGRAL PART OF THE HOSE BIB.”

2021 IRC

CHANGE 2015-2018 (NO CHANGE 2021)

P2906.6.1. THE USE OF SADDLE-TAP FITTINGS ARE PROHIBITED.

P3003.9.2. A PURPLE PRIMER, OR OTHER APPROVED PRIMER, THAT CONFORMS TO ASTM F 656 SHALL BE APPLIED.



2021 IRC City Amendment

ADD SECTION 3005.4.2.1 TO READ AS FOLLOWS: “BUILDING SEWERS SHALL NOT BE LESS THAN 3 INCHES (7.62 CM) IN DIAMETER.”

2021 IRC City Amendment

SECTION P3007.1.1 “LOCATION OF SUMPS AND EJECTORS.” ADD TO READ AS FOLLOWS: “ALL PORTIONS OF ANY EQUIPMENT ASSOCIATED WITH A SEWER SUMP OR EJECTOR SHALL BE INSTALLED OUT-OF-DOORS, AND NOT WITHIN ANY BUILDING INTENDED FOR HUMAN HABITATION.”

2021 IRC City Amendment

SECTION P3102.1 “REQUIRED VENT EXTENSION.” ADD THE FOLLOWING: “EVERY BUILDING IN WHICH PLUMBING IS INSTALLED SHALL HAVE AT LEAST ONE STACK, THE SIZE OF WHICH NOT LESS THAN 3 INCHES (7.62 CM). SUCH STACK SHALL RUN UNDIMINISHED IN SIZE, AND AS DIRECTLY AS POSSIBLE FROM THE BUILDING DRAIN THROUGH TO THE OPEN AIR OR A VENT HEADER THAT EXTENDS TO THE OPEN AIR. WHERE POSSIBLE, THE 3-INCH (7.62-CM) VENT SHOULD SERVE THE WATER CLOSET FARTHEST FROM WHERE THE BUILDING SEWER EXITS THE BUILDING.”

2021 IRC City Amendment

SECTION P3114.1 "GENERAL." ADD THE FOLLOWING: "AIR ADMITTANCE VALVES MAY ONLY BE INSTALLED WITH PRIOR WRITTEN AUTHORIZATION OF THE BUILDING OFFICIAL."



2021 IRC City Amendment

SECTION E3601.6.2 “SERVICE DISCONNECT LOCATIONS.” AMEND TO READ: “THE SERVICE DISCONNECTING MEANS SHALL BE INSTALLED AT A READILY ACCESSIBLE LOCATION OUTSIDE OF THE BUILDING, AND AS CLOSE TO THE METER BASE AS POSSIBLE. EACH OCCUPANT SHALL HAVE CLEAR ACCESS TO THE SERVICE DISCONNECTING MEANS SERVING THE DWELLING UNIT IN WHICH THEY RESIDE.”

2021 IRC

CHANGE 2015-2018 (NO CHANGE 2021)

- ❑ M1503.2 DOMESTIC COOKING EXHAUST. DOMESTIC COOKING EXHAUST EQUIPMENT SHALL COMPLY WITH ONE OF THE FOLLOWING LISTINGS:
- ❑ OVERHEAD RANGE HOODS AND DOWNDRAFT EXHAUST EQUIPMENT
 - NOT INTEGRAL = UL 507
 - INTEGRAL = UL 858
- ❑ MICROWAVE OVENS WITH EXHAUST FOR OVER THE COOKING SURFACE
 - UL 923



2021 IRC

CHANGE 2015-2018. NEW APPENDIX

TINY HOUSES (NEW)

- LOFT DIMENSIONS
 - LOFT ACCESS
 - LADDERS
 - EMERGENCY ESCAPE AND RESCUE OPENINGS
-



2021 IRC City Amendment

SECTION AI101.1 OF APPENDIX I “PRIVATE SEWAGE DISPOSAL.”
AMEND TO READ: “ALL PRIVATE SEWAGE DISPOSAL SYSTEMS SHALL
CONFORM TO THE REQUIREMENTS OF THE TEXAS DEPARTMENT OF
HEALTH AND THE TEXAS COMMISSION ON ENVIRONMENTAL
QUALITY, AS ADMINISTERED BY THE BELL COUNTY HEALTH
DEPARTMENT.

2021 IRC City Amendment

APPENDICES A, B, C, D, G, H, I, J, K, M, N, O, P, AND U ARE ADOPTED.

APPENDIX A SIZING AND CAPACITIES OF GAS PIPING

APPENDIX B SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY I APPLIANCES, AND APPLIANCES LISTED FOR USE WITH TYPE B VENTS

APPENDIX C EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECT-VENT VENTING SYSTEMS

APPENDIX D RECOMMENDED PROCEDURE FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE INSTALLATION

APPENDIX G PIPING STANDARDS FOR VARIOUS APPLICATIONS

APPENDIX H PATIO COVERS

APPENDIX I PRIVATE SEWAGE DISPOSAL

APPENDIX J EXISTING BUILDINGS AND STRUCTURES

APPENDIX K SOUND TRANSMISSION

APPENDIX M HOME DAY CARE—R-3 OCCUPANCY

APPENDIX N VENTING METHODS

APPENDIX O AUTOMATIC VEHICULAR GATES

APPENDIX P SIZING OF WATER PIPING SYSTEM

APPENDIX Q TINY HOUSES.

APPENDIX U SOLAR-READY PROVISIONS—DETACHED ONE- AND TWO-FAMILY DWELLINGS, MULTIPLE SINGLE-FAMILY DWELLINGS (TOWNHOUSES)

2021 IRC City Amendment

APPENDICES E, F, L, R, S, AND T ARE NOT ADOPTED.

APPENDIX E MANUFACTURED HOUSING USED AS DWELLINGS

APPENDIX F RADON CONTROL METHODS

APPENDIX L PERMIT FEES

APPENDIX R LIGHT STRAW-CLAY CONSTRUCTION

APPENDIX S STRAWBALE CONSTRUCTION

APPENDIX T RECOMMENDED PROCEDURE FOR WORST-CASE TESTING OF
ATMOSPHERIC VENTING SYSTEMS UNDER N1102.4 OR N1105 CONDITIONS
≤ 5ACH50

2021 IRC

MORE TO COME AT NEXT SCHEDULED MEETING

-2021 IRC-INTERNATIONAL RESIDENTIAL CODE

-2021 IECC-INTERNATIONAL ENERGY CONSERVATION CODE

~~-2021 ISPSC-INTERNATIONAL SWIMMING POOL AND SPA CODE~~

-2021 IFC-INTERNATIONAL FIRE CODE (CHANGED WILL COME AFTER JUNE).

2021 IRC

