

# COMMERCIAL APPLICATION CHECKLIST (Incomplete applications/submittals will not be accepted.)

New buildings to be constructed must have a project assignment by Planning and Engineering prior to submitting for any Building Permit. Building Permit approval will not be authorized until the project is 'released' by Planning and Engineering. A Pre-Construction meeting with Building Inspections is required prior to issuance of Building Permit.

<input type="checkbox"/> Log plans in book located in the guest lobby. Applicant must <b>STAMP, SIGN</b> and <b>DATE</b> the first (1 <sup>ST</sup> ) page of the three (3) bound sets of plans submitted for plan review.	
<input type="checkbox"/> Commercial Permit Application <b>COMPLETELY</b> filled out and signed with: <input type="checkbox"/> Project name provided on application <input type="checkbox"/> Business type (specific description) provided on application <input type="checkbox"/> Project address, Subdivision, Lot, and Block provided on application (include Suite #, when applicable) <b>Note:</b> If this is a new project, and address will be assigned during the Plan Review process.	<input type="checkbox"/> Owner/Tenant name, address, city, state, zip code, phone, fax, email address(es) <input type="checkbox"/> Applicant name, address, city, state, zip code, phone, fax, email address(es) <input type="checkbox"/> Architect name, address, city, state, zip code, phone, fax, email address(es)
<input type="checkbox"/> General Contractor and subcontractor(s) are currently registered with: <input type="checkbox"/> Valid Registration Number <input type="checkbox"/> Personal ID# (PIN) to request inspections & view inspection results <input type="checkbox"/> Proof of liability insurance <input type="checkbox"/> Valid driver's license with photograph	<input type="checkbox"/> Plumbing subcontractor registered <input type="checkbox"/> Med / Gas subcontractor registered, as required <input type="checkbox"/> Mechanical subcontractor registered <input type="checkbox"/> Electrical subcontractor registered
<input type="checkbox"/> Total square footage of Project (or Suite) provided on application	<input type="checkbox"/> Total valuation provided on application
<input type="checkbox"/> Asbestos-Free Report – Signed & Sealed by Architect, Engineer or Licensed Inspector, where applicable	
<input type="checkbox"/> Architectural Barrier Registration from the Texas Department of Licensing & Regulation (TDLR#) for all projects valued at \$50,000 or greater provided. <a href="http://www.license.state.tx.us/ab">www.license.state.tx.us/ab</a> (Federal properties exempt per Rule 68.30)	
<input type="checkbox"/> Mechanical Permit Application is completed	<input type="checkbox"/> Plumbing Permit Application is completed
<input type="checkbox"/> Electrical Permit Application is completed	<input type="checkbox"/> Med / Gas (Plumbing) Permit Application is completed, as required <input type="checkbox"/> Backflow Prevention Information (regardless scope of project)
<input type="checkbox"/> Submittal is compliant with the following code and amendments: <input type="checkbox"/> 2015 International Building Code (IBC) <input type="checkbox"/> 2015 International Mechanical Code (IPC) <input type="checkbox"/> 2015 International Energy Conservation Code (IECC) <input type="checkbox"/> 2015 International Fire Code (IFC)	<input type="checkbox"/> Americans with Disabilities (ADA) Requirements <input type="checkbox"/> Texas Accessibility Standards (TAS) Requirements <input type="checkbox"/> 2015 International Plumbing Code (IPC) <input type="checkbox"/> 2014 National Electrical Code (NEC)
<input type="checkbox"/> Lighting & Mechanical Energy Analysis (Com Check) <a href="http://www.energycodes.gov/comcheck">www.energycodes.gov/comcheck</a> (Separate from spec book & plans.) <input type="checkbox"/> Two (2) copies provided for CIFO, plus building envelope & exterior lighting for new building or shell structures.	
<input type="checkbox"/> Building Plans provided with: <input type="checkbox"/> Three (3) completed bound sets of plans (max size 24" height X 36" width) <input type="checkbox"/> One (1) complete set of plans on CD (.pdf format only) <input type="checkbox"/> Cover Sheet containing Code Compliance Year, Project Analysis, Location Site & Map (Note: Partial shell, finish-out, or alteration projects must be accompanied by an area site plan indicating building involved and the location of the tenant suite inside that building.) <input type="checkbox"/> Approved Site Plan provided (for new buildings) <input type="checkbox"/> Architectural Plans provided that are " <b>SIGNED &amp; SEALED</b> " by an architect or engineer <input type="checkbox"/> Mechanical Plans provided and are sealed & signed as applicable by law <input type="checkbox"/> Electrical Plans with riser diagram, panel schedule that provides total load calculations, and sealed & signed as applicable by law are provided <input type="checkbox"/> Plumbing Plans with riser diagram, and sealed & signed as applicable by law are provided <input type="checkbox"/> Energy Plan with location of <i>daylight zones</i> and analysis per the IECC, Section C-103	
<input type="checkbox"/> Photometric Analysis - Two (2) copies provided for site lighting (and decking, if water feature is within the scope of the project)	
<input type="checkbox"/> Medical Checklist for medical facilities (see special requirements for dental, medical gases, and X-Ray equipment installations) <b>Note:</b> Separate Dental Office requirements are provided upon request.	
HEALTH PLAN REVIEW requires food service details that include: <input type="checkbox"/> Floor plan with all equipment <input type="checkbox"/> satellite areas/equipment and elevations <input type="checkbox"/> Equipment schedule, including counter top equipment <input type="checkbox"/> Manufacturer's cut sheets of all equipment <input type="checkbox"/> Finish schedules of all food service areas <input type="checkbox"/> Identify each room with function and purpose	<input type="checkbox"/> Grease interceptor calculations <input type="checkbox"/> Grease interceptor proposed location <input type="checkbox"/> Grease storage container location <input type="checkbox"/> Water heater calculations <input type="checkbox"/> Bare hand contact policy (if used) <input type="checkbox"/> Full menu depicting consumer advisory disclosure and reminder locations
Specifications, including roofing materials are required <input type="checkbox"/> One (1) separate book or printed within drawings (Buildings designated as Green Building by Planning & Zoning must comply with the EPA's Energy Star Cool Roof Program <a href="http://www.energystar.gov">www.energystar.gov</a> )	
Geo-Technical Report for new buildings <input type="checkbox"/> One (1) copy (separate from the spec book)	
PLAN REVISIONS <input type="checkbox"/> Transmission sheet <input type="checkbox"/> Two (2) hardcopy sets of bound plans <input type="checkbox"/> One (1) set of plans on CD (pdf format)	
Please indicate as "TBD" at the bottom of the Application for Building Permit form if the Mechanical, Electrical or Plumbing (MEP) sub-contractors have not been selected when apply for the permit. The MEPs must be identified, validated, and registered prior to the permit being issued.	



## ENERGY PLAN REVIEW REQUIREMENTS

*Residential Energy Plan Reviews* are based on Chapters R 1,2,3,4,5 of the *ICC International Energy Conservation Code (IECC)*. *Commercial Energy Plan Reviews* are based on Chapters C 1,2,3,4,5 of the *ICC International Energy Conservation Code (IECC)* or the referenced edition of *ANSI/IESNA/ASHRAE 90.1* unless otherwise directed. In order to perform a thorough Energy Plan Review (and inspection), the following specifications, drawings, and detail should be submitted and be present on the job site for inspection.

The building's thermal envelope shall be represented on the construction drawings.

Construction documents and other supporting data shall be submitted in three (3) sets with each application for a permit. The documents shall be drawn to scale. Details on documents shall include, but are not limited to, the following as applicable:

- 1) Insulation materials and their R-values.
  - 2) Fenestration U-factors and solar heat gain coefficients (SHGCs).
  - 3) Area-weighted U-factor and solar heat gain coefficient (SHGC) calculations.
  - 4) Mechanical system design criteria.
  - 5) Mechanical and service water heating system and equipment types, sizes and efficiencies.
  - 6) Economizer description.
  - 7) Equipment and system controls.
  - 8) Fan motor horsepower (hp) and controls.
  - 9) Duct sealing, duct and pipe insulation and controls.
  - 10) Lighting fixture schedule with wattage and control narrative.
  - 11) Location of daylight zones on floor plans.
  - 12) Air sealing details.
- 
1. **Complete all** signed and sealed (as required by applicable law) plans and specifications as indicated below.
  2. **Envelope**- Architectural plans and specifications to include:
    - a. Description of uses and the proposed occupancy group(s) for all portions of the building.
    - b. Thermal performance of envelope components.
    - c. Fenestration performance details (U-factor, SC, SHGC, VLT, air leakage rates, etc.).
    - d. Fully dimensioned drawings to determine gross and net areas of all envelope components.
    - e. Details of vapor barrier and insulation installation, and air sealing methods.
    - f. COMcheck, ENVSTD, or other approved method outputs.
    - g. Design conditions (interior and exterior) consistent with local climate.
  3. **Electrical**- Complete plans and specifications of all electrical power and lighting work including:
    - a. Riser diagram(s) of the distribution system indicating:
      1. Check metering provisions for individual dwelling units.
      2. Subdivision of feeders by end use: 1) Lighting, 2)HVAC, 3) SWH, 4) Swimming pools, and systems over 20 kw
    - b. Lighting fixture schedule(s) depicting location, fixture lamps, ballasts, ballast specifications, fixture input watts, fixture wiring methods, power factor, etc.
    - c. Lighting plan(s) for building exteriors including total exterior Connected Lighting Power (CLP).
    - d. Lighting power floor plans for building interiors including total interior CLP
    - e. COMcheck, LTGSTD, or other approved method outputs.
    - f. Interior and exterior means of lighting control.
    - g. Electric motor schedule including type, HP and efficiencies.
  4. **Mechanical**- Complete plans and specifications of all mechanical work including:
    - a. Equipment type, capacity (Btuh) and efficiency (peak and part-load).
    - b. System design air flow rates (cfm).

- c. Details of equipment/system sizing.
  - d. System and/or zone control capabilities including terminal device schedule.
  - e. Provisions for automatic setback/shutdown.
  - f. Indicate intentions or plans for systems commissioning.
  - g. Energy consumed by fans and pumps.
  - h. Economizers (air or water) including provisions for integrated control.
  - i. Duct construction and system static pressure(s), including provisions for sealing.
  - j. Duct and/or hydronic-piping lining and insulation materials.
  - k. Provisions for air and/or hydronic systems balancing.
5. **Plumbing**- Complete plans and specifications of all plumbing work including:
- a. Boiler and water heater equipment and piping details, safety controls and distribution piping layout.
  - b. Service water heating (SWH)-Complete SWH specifications including:
    - 1. SWH equipment data including type, capacity and efficiency.
    - 2. SWH pipe insulation, thickness, conductivity and vapor retarder (where appropriate)
  - c. Water conservation requirements.
6. **Swimming Pools**- Verify all energy conservation measures (where applicable).



# ASBESTOS-FREE REPORT

(As required by the CITY OF FRISCO for permit applications)

**PROJECT:** \_\_\_\_\_  
(Name and Address, include Suite # if applicable)

**(A) ASBESTOS SURVEY DOCUMENTATION**

( ) In accordance with the Texas Asbestos Health Protection Rules (TAHPR), the National Emission Standards for Hazardous Air Pollutants (NESHAP) and Asbestos Hazard Emergency Response Act (AHERA), as applicable, I hereby certify that an asbestos survey has been conducted for the area(s) to be renovated, altered and/or demolished. Related documentation is

**Attached herewith** ( ) (Survey Date: \_\_\_\_\_ TDH Insp. License No. \_\_\_\_\_)  
**Shall be submitted** ( ) (**TAC Title 25, Part 1, ch 295.31-295.73**) states that a permit may not be issued without an Asbestos Survey or Architect/Engineer's certification stating that the project does not contain asbestos).

I understand that it is my responsibility to have this asbestos survey conducted and submitted prior to a permit being issued by the City of Frisco and to notify the Texas Department of State Health Services (TDSHS) not later than 10 working days, as required before starting asbestos abatement or any demolition project, regardless of whether the site contains asbestos or not.

Name \_\_\_\_\_ Phone \_\_\_\_\_  
(Owner, Authorized Representative or TDH Inspector)

Signature \_\_\_\_\_ Date \_\_\_\_\_

**(B) A STATEMENT THAT THE INSTALLATION OF MATERIALS CONTAINING ASBESTOS IS PROHIBITED.**

( ) Having reviewed the Material Safety Data Sheets (MSDS's) for the materials used in the original construction, the subsequent renovations or alterations of all parts of the building affected by the planned renovation or demolition, and any asbestos surveys of the building previously conducted in accordance with this (TAHPR's); and In accordance with (**TAC Title 25, Part 1, ch 295.31-295.73**) to the best of my knowledge, information and belief, I hereby attest that all parts of the buildings or materials affected by the alteration, renovation and demolition as planned for the new construction does not contain asbestos.

**Professional's Authentication:**

**Signed:** (Seal, Title or License No.)

Architect/Engineer \_\_\_\_\_

TDH licensed Insp. \_\_\_\_\_

Company \_\_\_\_\_

Phone \_\_\_\_\_ Ext. \_\_\_\_\_ Date \_\_\_\_\_



DEVELOPMENT SERVICES

CITY OF FRISCO

GEORGE A. PUREFOY MUNICIPAL CENTER  
 6101 FRISCO SQUARE BLVD · 3RD FLOOR  
 FRISCO, TEXAS 75034  
 TEL 972.292.5300 · FAX 972.292.5313  
 WWW.FRISCOTEXAS.GOV

# COMMERCIAL BUILDING PERMIT APPLICATION

PERMIT NO. B -

TDLR: \_\_\_\_\_

*An incomplete application will delay the review process or cause application to be denied.*

PROJECT NAME:				
PROJECT ADDRESS:				
NATURE OF BUSINESS:				

LEGAL DESCRIPTION:	SUBDIVISION	BLOCK	LOT	COUNTY
				<input type="checkbox"/> COLLIN <input type="checkbox"/> DENTON

OWNER:	NAME:	EMAIL:
	ADDRESS:	TELEPHONE:

ARCHITECT:	NAME:	REGISTRATION NUMBER:
	ADDRESS:	TELEPHONE:

CONTRACTOR:	NAME:	REGISTRATION NUMBER:
	ADDRESS:	TELEPHONE:

APPLICANT:	NAME:	EMAIL:
	ADDRESS:	TELEPHONE:

BUILDING DESCRIPTION:	<input type="checkbox"/> SHELL ONLY <input type="checkbox"/> FINISH-OUT ONLY <input type="checkbox"/> TEMPORARY <input type="checkbox"/> OTHER _____		
CLASS OF WORK:	<input type="checkbox"/> NEW <input type="checkbox"/> ALTERATION <input type="checkbox"/> ADDITION <input type="checkbox"/> REPAIR		
ELECTRICAL PROVIDER:	<input type="checkbox"/> COSERV <input type="checkbox"/> ONCOR	GAS PROVIDER:	<input type="checkbox"/> COSERV <input type="checkbox"/> ATMOS
GROSS ENCLOSED AREA:		EXTERIOR COVERED AREA:	
NUMBER STORIES:		TOTAL AREA UNDER ROOF:	
FLOOR LEVEL:			
ESTIMATED VALUE:			

The Undersigned applicant certifies that the project described herein will be built in accordance with plans and specification submitted at time of application. All provisions of laws and ordinances governing this type of work will be complied with whether specified herein or not. Granting of a permit does not presume to give authority to violate or cancel the provisions of any local or state law regulating construction or the performance of construction. When a permit has not been issued within 180 days following the date of application, the application and plan review will expire. The City does not assume responsibility for workability of sanitary sewer on all lots. A certificate of Occupancy must be issued before any building is occupied.

_____ Applicants Signature	_____ Date
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Applicant Name (Please Print Legibly)

*Permit Application must be presented with applicants' signature. Application submittal forms will be accepted by fax, email or other digital media. All submittals sent by mail or delivered by courier should be presented to the attention of the Building Official at the George A. Purefoy Municipal Center.*



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**[ ] MECHANICAL PERMIT APPLICATION**

Fax to Building Inspections at (972) 292-5313

*An incomplete application will delay the review process or cause denial of the application.*

PROJECT ADDRESS:				
LEGAL DESCRIPTION:	SUBDIVISION	BLOCK	LOT	COUNTY
				<input type="checkbox"/> COLLIN <input type="checkbox"/> DENTON
OWNER:	NAME:			
	ADDRESS:		TELEPHONE:	
CONTRACTOR:	NAME:		REGISTRATION NUMBER:	
	ADDRESS:		TELEPHONE:	
APPLICANT:	NAME:		REGISTRATION NUMBER:	
	ADDRESS:		TELEPHONE:	

**NOTICE:**  
 This permit expires if construction does not commence within six (6) months, or if construction is suspended or abandoned for a period of six (6) months at any time after work is commenced.

CLASS OF WORK:	<input type="checkbox"/> NEW <input type="checkbox"/> ALTERATION <input type="checkbox"/> ADDITION <input type="checkbox"/> REPAIR			
ELECTRICAL PROVIDER:	<input type="checkbox"/> COSERV	<input type="checkbox"/> ONCOR	GAS PROVIDER:	<input type="checkbox"/> COSERV <input type="checkbox"/> ATMOS
DESCRIPTION OF WORK:				

I hereby certify that I have read and examined this application and ordinances governing this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction.

Signature of Owner, Contractor, or Authorized Agent	Date
Applicant Name (Please Print Legibly)	

*Permit Application must be presented with applicant's original signature. Application submittals will be accepted by fax, email or other digital media and must have prior notification to Building Inspections to ensure prompt receipt. All submittals sent by mail or delivered by courier should be presented to the attention of the Chief Building Official at the George A Purefoy Municipal Center.*



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[ ] ELECTRICAL PERMIT APPLICATION

Fax to Building Inspections at (972) 292-5313

An incomplete application will delay the review process or cause denial of the application.

PROJECT ADDRESS:				
LEGAL DESCRIPTION:	SUBDIVISION	BLOCK	LOT	COUNTY
				[ ] COLLIN [ ] DENTON
OWNER:	NAME:			
	ADDRESS:		TELEPHONE:	
CONTRACTOR:	NAME:		REGISTRATION NUMBER:	
	ADDRESS:		TELEPHONE:	
APPLICANT:	NAME:		REGISTRATION NUMBER:	
	ADDRESS:		TELEPHONE:	

NOTICE:  
 This permit expires if construction does not commence within six (6) months, or if construction is suspended or abandoned for a period of six (6) months at any time after work is commenced.

CLASS OF WORK:	[ ] NEW [ ] ALTERATION [ ] ADDITION [ ] REPAIR			
ELECTRICAL PROVIDER:	[ ] COSERV [ ] ONCOR	GAS PROVIDER:	[ ] COSERV [ ] ATMOS	
DESCRIPTION OF WORK:				

I hereby certify that I have read and examined this application and ordinances governing this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction.

Signature of Owner, Contractor, or Authorized Agent	Date
Applicant Name (Please Print Legibly)	

Permit Application must be presented with applicant's original signature. Application submittals will be accepted by fax, email or other digital media and must have prior notification to Building Inspections to ensure prompt receipt. All submittals sent by mail or delivered by courier should be presented to the attention of the Chief Building Official at the George A Purefoy Municipal Center.



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**[ ] PLUMBING PERMIT APPLICATION**

Fax to Building Inspections at (972) 292-5313

An incomplete application will delay the review process or cause denial of the application.

PROJECT ADDRESS:				
LEGAL DESCRIPTION:	SUBDIVISION	BLOCK	LOT	COUNTY
				<input type="checkbox"/> COLLIN <input type="checkbox"/> DENTON
OWNER:	NAME:			
	ADDRESS:		TELEPHONE:	
CONTRACTOR:	NAME:		REGISTRATION NUMBER:	
	ADDRESS:		TELEPHONE:	
APPLICANT:	NAME:		REGISTRATION NUMBER:	
	ADDRESS:		TELEPHONE:	

**NOTICE:**  
 This permit expires if construction does not commence within six (6) months, or if construction is suspended or abandoned for a period of six (6) months at any time after work is commenced.

CLASS OF WORK:	<input type="checkbox"/> NEW <input type="checkbox"/> ALTERATION <input type="checkbox"/> ADDITION <input type="checkbox"/> REPAIR			
ELECTRICAL PROVIDER:	<input type="checkbox"/> COSERV	<input type="checkbox"/> ONCOR	GAS PROVIDER:	<input type="checkbox"/> COSERV <input type="checkbox"/> ATMOS
DESCRIPTION OF WORK:				

I hereby certify that I have read and examined this application and ordinances governing this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction.

Signature of Owner, Contractor, or Authorized Agent	Date
Applicant Name (Please Print Legibly)	

Permit Application must be presented with applicant's original signature. Application submittals will be accepted by fax, email or other digital media and must have prior notification to Building Inspections to ensure prompt receipt. All submittals sent by mail or delivered by courier should be presented to the attention of the Chief Building Official at the George A Purefoy Municipal Center.



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email:

CONTRACTOR REGISTRATION APPLICATION

REGISTRATION NUMBER: R \_\_\_\_\_ - \_\_\_\_\_

Contractor Registration Application must be presented with applicants' original signature. Application submittals will be accepted via facsimile, email or other digital communication. All applications sent by USPS mail or delivered by courier should be presented to the attention of the Building Inspections Customer Service Representatives at the George Purefoy Municipal Center. Incomplete submittals will delay the review process and/or may cause denial of the Contractor Registration Application.

Please select one (1) of the following:

- General Contractor, Mechanical Contractor, Electrical Contractor, Plumbing Contractor, Irrigation Contractor, Sign Contractor, 3rd Party Rater, Structural Engineer, OSSF Installer

Applicants are required to provide the following with a Contractor Registration Application submittal:

- 1. Copy of each valid Master's License, Journeyman License, Wireman or certificates of applicable trade, along with a Copy of each license holder's valid Texas Driver's License or Photo Identification (ID)
2. Proof of Liability Insurance
3. HERS Providers (3rd Party Rater) must provide a copy of the signed RESNET Letter, EPA Agreement, and a list of all Raters employed by the Provider, Engineer of Record (Structural Engineer) must provide \$1 million professional liability insurance
4. No fees required at this time for 3rd Party Raters. Sign Contractors are \$75, and all others are \$50. (Contractor Registration Ordinance# 15-10-75)
5. Sign Contractors must include a valid Master Electrical License or valid Electrical Sign Contractor License. (Sign Ordinance#16-03-25)

Form with fields for COMPANY NAME (NAME, ADDRESS, EMAIL ADDRESS, TELEPHONE) and RESPONSIBLE INDIVIDUAL (NAME, ADDRESS, EMAIL ADDRESS, TELEPHONE).

Form with fields: WILL YOU REQUEST INSPECTION(S) ONLINE? (YES/NO) and PIN NUMBER SELECTED.

1. CONTRACTOR REGISTRATION MUST BE RENEWED ANNUALLY WITHIN THIRTY (30) DAYS OF ITS EXPIRATION DATE. PERMITS WILL NOT BE ISSUED TO ANY INDIVIDUAL OR BUSINESS THAT DOES NOT HAVE A CURRENT CONTRACTOR REGISTRATION WITH THE CITY OF FRISCO.
2. I ALSO ACKNOWLEDGE THAT ANY TRASH REMOVED FROM THE CITY OF FRISCO WILL BE PROPERLY TRANSPORTED TO A NORTH TEXAS MUNICIPAL WATER DISTRICT LAND FILL FOR DISPOSAL.
3. I HEREBY ACKNOWLEDGE I HAVE READ AND EXAMINED THIS CONTRACTOR REGISTRATION APPLICATION AND KNOW THE SAME TO BE TRUE AND CORRECT.

ACKNOWLEDGEMENT:

Form with fields: Applicants Signature, Date, Applicant Name (Please Print Legibly)

## CONTRACTOR REGISTRATION APPLICATION (Continued)

All Contractors required by State Law and local ordinance(s) to be licensed must register with the City of Frisco before applying for permits or performing any work within this jurisdiction. A Master License in a specific trade is required to register as a Contractor. All Licensed Journeyman who work for a registered contractor will be listed on the Contractor Registration Application. All work shall be supervised by a Licensed Journeyman who must be within five (5) minutes of any job under his/her supervision. A licensed residential Electrician may supervise one (1) helper or apprentice; however, a contractor with 2 or more residential electrical crews operating in a subdivision must have a Licensed Journeyman in the subdivision within five (5) minutes of each job.

Any work discovered that is performed without a required Licensed Contractor will be identified to prevent reuse and shall be removed. Multiple violations by a registered Contractor will result in suspension of the Contractor's Registration, the right to obtain permits to work in the City, and/or may include the issuance of citations and reporting to the State. A Contractor is defined as a General Contractor, Electrical Contractor, Plumbing Contractor, Irrigation Contractor, Mechanical Contractor, Sign Contractor, Backflow Tester, or 3<sup>rd</sup> Party Rater.

Type	Valid Texas Driver's License or Photo ID	Liability Insurance	Master License Required	All Journeymen and Master must be listed	Annual Registration Fee
General	YES	YES	NO	NO	YES
Electrical	YES	YES	YES	YES	YES
Plumbing	YES	YES	YES	YES	NO
Mechanical	YES	YES	YES	YES	YES
Irrigation	YES	YES	YES	YES	YES
Sign	YES	YES	YES	YES	YES
Backflow	YES	YES	YES	NO	NO
3 <sup>rd</sup> Party Rater	YES	YES	NO	NO	NO
Engineer of Record	YES	YES	NO	NO	NO

Note: Commercial Construction Trash Removers and/or Trash Haulers must register through the City of Frisco Environmental Services as provided in Amendment 02-01-04R to Resolution 9990616R. Contact Environmental Services at (972) 292-5900 or you can set up an account with the City of Frisco Utility Billing at (972) 292-5575.

For additional details or requirements, please see Contractor Registration Ordinance# 15-10-75. Located at <http://tx-frisco.civicplus.com/481/Most-Requested-Ordinances>.



PROGRESS IN MOTION.

**CITY OF FRISCO BACKFLOW PREVENTION INFORMATION SHEET**

Project Address: \_\_\_\_\_ Permit Number: \_\_\_\_\_

Project Name: \_\_\_\_\_

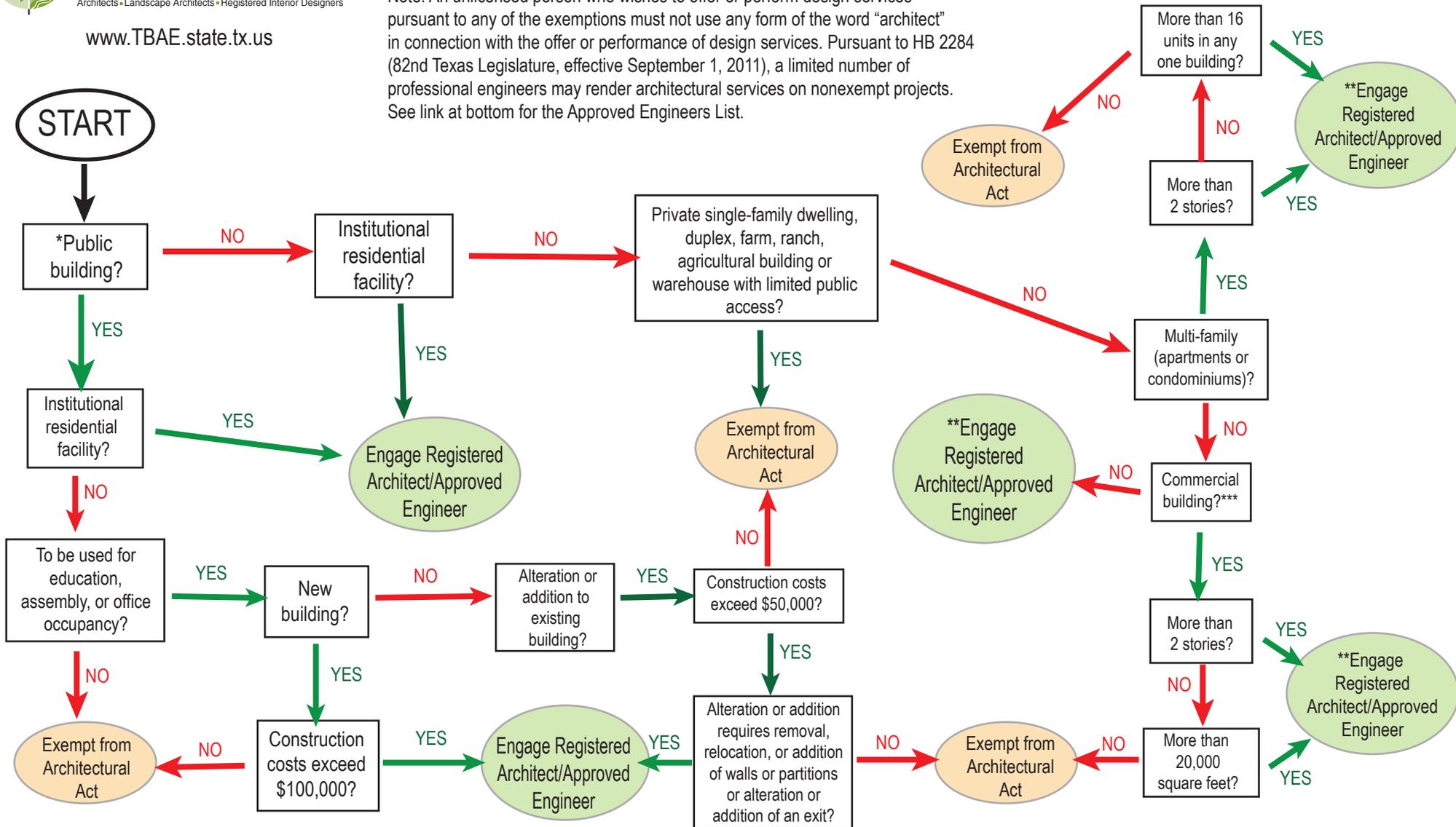
Contact Person: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Please indicate by placing an X in the appropriate box with regard to the backflow items provided. The completed form will be forwarded to R.O.W. Division at Public Works. **To prevent delays at time of final inspection this form must be completed and accurately filled out.**

Place an "X" Here	** Backflow Items**	Type of Protection	Type of Protection Provided	Number of Assemblies Provided
	Auxiliary water supply mainline & isolation	R.P.Z.		
	Boilers/ Chillers for space heating mainline & isolation	R.P.Z.		
	Building containing a reclaimed water system mainline & isolation	R.P.Z.		
	Carbonated Drink Dispensers	STAINLESS STEEL R.P.Z. ONLY		
	Car Washes mainline & isolation	R.P.Z.		
	Chemical Mop Bucket Washers	A.V.B. with no downstream shut-off Valves and an Air Gap on Hose		
	Commercial Laundry Washers, Dry Cleaners mainline & isolation	AIR GAP or R.P.Z.		
	Cooling Towers/ Evaporative Coolers mainline & isolation	AIR GAP and R.P.Z.		
	Dishwasher (Residential type)	AIR GAP Fitting on drain line ( Loop option is prohibited )		
	Fire protection systems utilizing chemicals or additives ( New installations only or complete remodel )	R.P.Z. (Assembly must have U.L. or F.M. and U.S.C. ratings)		
	Fire protection Commercial and Residential systems without chemicals or additives	D.C. (Assembly must have U.L. or F.M. and U.S.C. ratings)		
	Food and beverage processing plants	R.P.Z.		
	Fountains/ Outdoor Decorative Pool	AIR GAP, R.P.Z. or P.V.B. with no Downstream pump.		
	Funeral home and mortuary mainline & isolation	R.P.Z.		
	Green house or nursery (With Toxic Chemicals)	R.P.Z.		
	Hospital / Dental / Doctor / Veterinarian Equipment (All medical equipment) mainline & isolation	R.P.Z. or AIR GAP		
	Ice cream/ Yogurt/ Custard Machine with antifreeze circulating system connected to the water supply	R.P.Z.		
	Irrigation Chemical Injection	R.P.Z.		
	Irrigation Commercial / Residential	D.C., P.V.B. or R.P.Z.		
	Laboratories (Including medical, dental, research labs and labs at educational facilities) mainline & isolation	R.P.Z.		
	Main supply line for: Hospital mainline & isolation	R.P.Z. (Parallel system Required)		
	Main supply line for: Building 3 or more stories in height	R.P.Z.		
	Manufacturing plant (Toxic) mainline & isolation	R.P.Z.		
	Mixing Valves with Hose Attachments	R.P.Z. or A.V.B. with No downstream shut-offs		
	Photography Equipment	R.P.Z.		
	Plants using radioactive materials mainline & isolation	R.P.Z.		
	Plating or chemical plants mainline & isolation	R.P.Z.		
	Temporary construction fire hydrant meter	R.P.Z. or AIR GAP		
	Trap Primers	AIR GAP (1 Inch Minimum)		
	Sewage lift stations mainline & isolation	R.P.Z.		
	Sewage treatment plants mainline & isolation	R.P.Z.		
	Stationary construction fire hydrant meters	R.P.Z. or AIR GAP		
	Swimming Pools	AIR GAP or R.P.Z.		
	Wall Hydrants / Commercial Landscape Areas	A.V.B. unless chemical injectors are to be used.		
	Wall Hydrants / Commercial Garage Areas	A.V.B. Unless it is a Radiator Shop, Chemical Tanker Repair Shop etc. Then it Must Be An R.P.Z.		
	Water Heaters	AIR GAP (6 inch minimum) on T&P Drain Line		
	Water Injected Garbage Disposals	A.V.B. on water supply line with an AIR GAP on drain line.		
	Water Injected Soap Dispensers	R.P.Z. or AIR GAP		
	Water softeners	R.P.Z.		
	Other:	RP.Z., P.V.B., D.C and A.V.B.		
	<b>None of the Above</b>			

## When to Engage an Architect or Approved Engineer for Design and Construction Observation

Note: An unlicensed person who wishes to offer or perform design services pursuant to any of the exemptions must not use any form of the word "architect" in connection with the offer or performance of design services. Pursuant to HB 2284 (82nd Texas Legislature, effective September 1, 2011), a limited number of professional engineers may render architectural services on nonexempt projects. See link at bottom for the Approved Engineers List.



\* "Public Building" means any building that is owned by a State agency, a political subdivision of the State, or any other public entity in Texas.

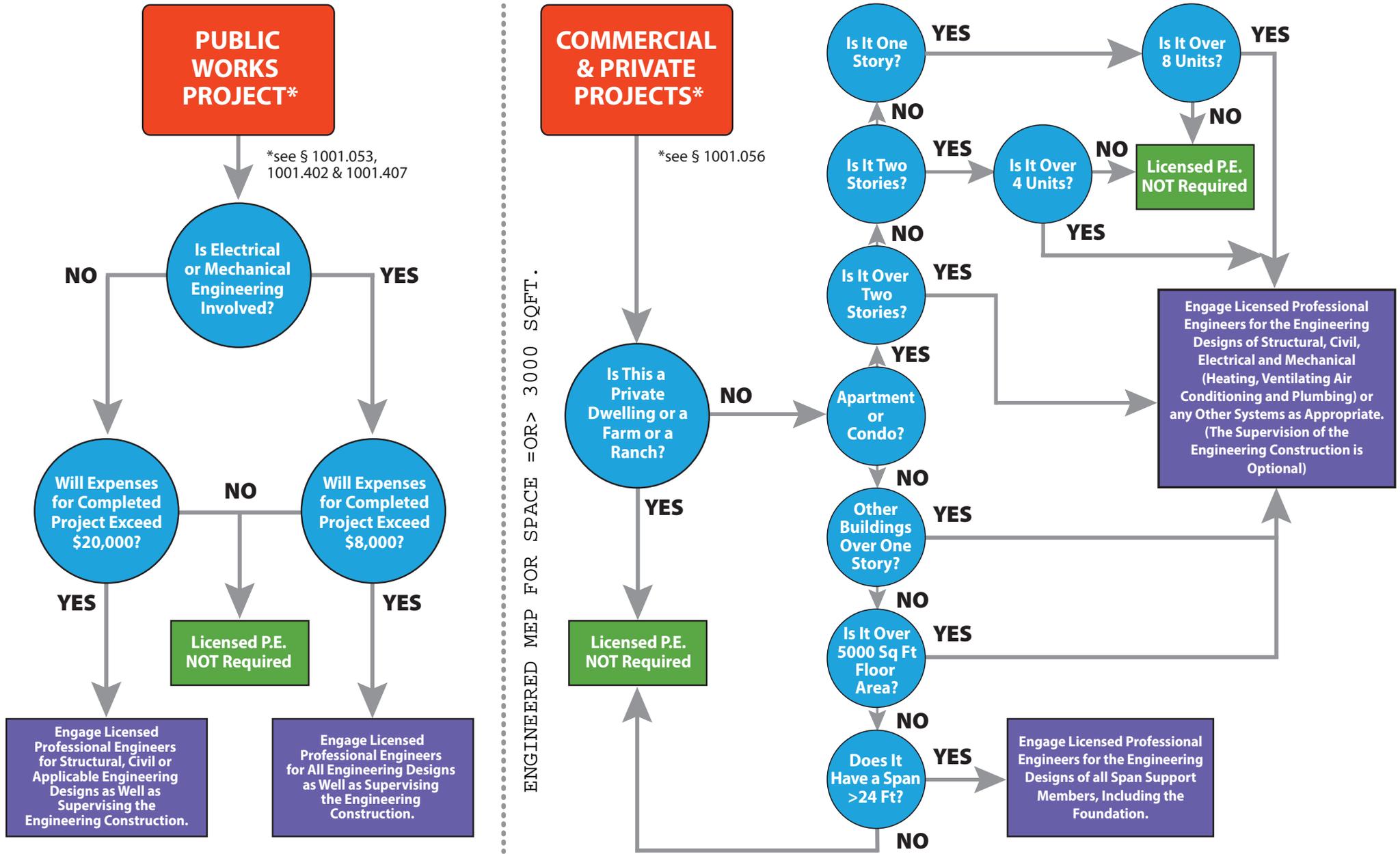
\*\* If a project involves only the alteration of an existing building and the alteration does not involve a substantial structural or exitway change to the building, the project is exempt from the architectural act.

\*\*\* "Commercial building" means an enclosed structure primarily used for the purchase, sale, or exchange of commodities or services.

# When is a Professional Engineer required on a project?



Texas Board of Professional Engineers  
Engineering For A Better Texas



This flowchart is intended for guidance purposes only and the Texas Engineering Practice Act and Rules govern final interpretation. Local codes and ordinances may be more restrictive as long as not in conflict with the Texas Engineering Practice Act and Rules.

Visit <http://engineers.texas.gov/downloads.htm> for a copy of the Texas Engineering Practice Act and Board Rules and download this diagram.

## Permit, Inspection and Miscellaneous Consolidated Fee Schedule

Building Permit Fees		
Commercial Building Permit	*%60 of Table Value	Table 1-A
Residential Building Permit		Table 1-A

TABLE 1-A*		
\$1 to \$500.00	\$23.50	
\$500 .01 to \$2,000.00	\$23.50 for the first \$500 plus \$3.05 for each additional \$100, or fraction thereof, to and including \$2,000.	
\$2,000.01 to \$25,000.00	\$69.25 for the first \$2,000 plus \$14.00 for each additional \$1,000.00, or fraction thereof, to and including \$25,000.	
\$25,000.01 to \$50,000.00	\$391.25 for the first \$25,000 plus \$10.10 for each additional \$1,000, or fraction thereof, to and including \$50,000.	
\$50,000.01 to \$100,000.00	\$643.75 for the first \$50,000 plus \$7.00 for each additional \$1,000, or fraction thereof, to and including \$100,000	
\$100,000.01 to \$500,000.00	\$993.75 for the first \$100,000 plus \$5.00 for each additional \$1,000, or fraction thereof, to and including \$500,000.	
\$500,000.01 to \$1,000,000.00	\$3233.75 for the first \$500,000 plus \$4.75 for each additional \$1,000, or fraction thereof, to and including \$1,000,000.	
\$1,000,000.01 and above	\$5,608.75 for the first \$1,000,000 plus \$3.15 for each additional \$1,000 or fraction thereof.	
Inspection outside of normal business hours		\$150.00

\* Commercial building permit fees are assessed on the basis of %60 of the calculated value of Table 1-A

Miscellaneous	
Certificate of Occupancy (Change of business name, ownership or use)	\$100.00
Certificate of Occupancy (Non-Conforming Use)	\$25.00
Demolition Permit	\$50.00
Reroof Permit	\$150.00
Detached Accessory Building (<100 sq ft)	\$25.00
Detached Accessory Building (≥100 sq ft, <160 sq ft)	\$50.00
Detached Accessory Building (≥160 sq ft)	Table 1-A
Duplicate Permit Placard and Reports	\$10.00
Commercial Irrigation - Per meter	
Single Meter	\$250.00
Second Meter add +	\$175.00
Three and Greater Meters	\$500.00
Residential Irrigation Permit	\$185.00
Reinspection Fee (Residential)	\$30.00
Reinspection Fee (Commercial)	\$35.00
Spa Permit	\$75.00
Structure Move Permit	\$50.00
Swimming Pool (Above Ground)	\$100.00
Swimming Pool (Below Ground)	\$200.00
Swimming Pool (Below Ground w/ spa)	\$275.00
Temporary Building Permit	\$50.00

Electrical Permit Fees	
For issuance of <b>each</b> permit	\$30.00
For issuance of <b>each</b> supplemental permit	\$10.00
All inclusive Residential permit by permit Square Footage	\$0.03 / per sqft
All inclusive Commercial permit by permit Square Footage	\$0.04 / per sqft
Electrical Meter Release	\$45.00
<b>Each</b> Residential Appliance	\$4.75
<b>Each</b> Commercial Appliance	\$4.75
<b>Each</b> Temporary Services	\$23.50
<b>Each</b> Misc Apparatus	\$18.20
Motors (Horsepower) ea.	
Up to 1	\$4.75
1, not over 10	\$12.30
10, not over 50	\$24.60
50, not over 100	\$49.50
over 100	\$74.50
Service Installation Replacement (Amps) ea.	
Up to 200	\$65.00
200, up to 1000	\$85.00
Over 1000 amps	\$150.00

<b>Mechanical Permit Fees</b>	
For issuance of <b>each</b> permit	\$30.00
For New finish-out/alterations	\$0.05/gsf
For issuance of <b>each</b> supplemental permit	\$10.00
<b>Furnaces</b>	
Installation or relocation of <b>each</b> forced air unit up to and including 100,000 Btu/h	\$13.25
Installation or relocation of <b>each</b> forced air unit over 100,000 Btu/h	\$16.25
Installation or relocation of <b>each</b> floor furnace	\$13.25
Installation or relocation of <b>each</b> suspended heater, recessed wall heater or floor-mounted	\$13.25
<b>Appliance Vents</b>	
Installation, relocation or replacement of <b>each</b> vent	\$7.00
<b>Repairs or Additions</b>	
Repair of, Alteration of or Addition of <b>each</b> heating or cooling appliance	\$12.25
<b>Boiler, Compressor and Absorption Systems</b>	
Installation or relocation of <b>each</b> boiler or compressor to including 3 horsepower or up to and including 100,000 Btu/h	\$13.25
Installation or relocation of <b>each</b> boiler or compressor to including 3 - 15 horsepower or over 100,000 - 500,000 Btu/h	\$24.25
Installation or relocation of <b>each</b> boiler or compressor to including 15 - 30 horsepower or over 500,000 - 1,000,000 Btu/h	\$33.25
Installation or relocation of <b>each</b> boiler or compressor to including 30 - 50 horsepower or over 1,000,000 - 1,750,000 Btu/h	\$49.50
Installation or relocation of <b>each</b> boiler or compressor to over 50 horsepower or over 1,750,000 Btu/h	\$82.75
<b>Air Handlers</b>	
Installation or relocation of <b>each</b> air-handling to and including 10,000 cubic feet	\$9.50
Note: This does not apply to an air handling unit which is a part of a factory assembled appliance	
Installation or relocation of <b>each</b> air-handling over 10,000 cubic feet	\$16.50
<b>Evaporative Coolers</b>	
Installation or relocation of <b>each</b> evaporative cooler other than portable type	\$9.50
<b>Ventilation and Exhaust</b>	
Installation or relocation of <b>each</b> ventilation van fan connected to a single duct or hood	\$6.50
<b>Miscellaneous - Installation or relocation of each fuel gas piping systems</b>	
One to Four outlets	\$5.00
Each additional outlet exceeding four	\$1.00

<b>Plumbing Permit Fees</b>	
For issuance of <b>each</b> permit	\$30.00
For New finish-out/alterations	\$0.09/gsf
For issuance of <b>each</b> supplemental permit	\$10.00
For <b>each</b> plumbing fixture on one trap or a set of fixtures on one trap (including water, drainage piping and backflow protection therefore)	\$7.00
For <b>each</b> building sewer and each trailer park sewer	\$15.00
Rainwater systems - per drain (inside building)	\$7.00
For <b>each</b> cesspool (where permitted)	\$25.00
For <b>each</b> private sewage disposal system \$	\$40.00
For <b>each</b> water heater and / or vent \$	\$7.00
For <b>each</b> gas-piping of one to five outlets	\$5.00
For <b>each</b> additional gas piping system outlet, per outlet	\$1.00
For <b>each</b> industrial waste pretreatment interceptor including its trap and vent, except kitchen type grease interceptors functioning as fixture traps	\$7.00
For <b>each</b> installation, alteration or repair of water piping and / or water treating equipment	\$7.00
For <b>each</b> repair or alteration of drainage or vent piping, each fixture	\$7.00
For <b>each</b> lawn sprinkler system on any one meter including backflow protection devices the	\$35.00
<b>For atmospheric-type vacuum breakers</b>	
1 to 5	\$5.00
over 5, <b>each</b>	\$1.00
<b>For <b>each</b> backflow protective device other than atmospheric type vacuum breakers:</b>	
2 inch (51mm) diameter and smaller	\$7.00
over 2 inch (51mm)	\$15.00
For <b>each</b> graywater system	\$40.00
For initial installation and testing for a reclaimed water system	\$30.00
For <b>each</b> annual cross-connection testing of a reclaimed water system (excluding initial test)	\$30.00
For <b>each</b> medical gas piping system serving one to five inlet(s) / outlet(s) for a specific gas	\$50.00
For <b>each</b> additional medical gas inlet(s) / outlet(s)	\$5.00