City of Dallas

City of Dallas Prescriptive Path
Project Summary and Checklist - One or Two Family Dwelling Unit Addition

Summary								
Date of Application								
Compliance Path								
Project Identification								
Project Address								
Owner Identification								
Architect Identification								
Contractor Identification								**Permit No.**
Third Party Provider								**Registration No.**
Building Code	IRC	IBC Residential Occupancy						
Type of Building	Single Family	Duplex	Townhouse*		IBC Group R Occupancy: R-1 R-2 R-3 R-4 (circle one)			
Number of:	**Stories:**	**Bedrooms:**	**Baths:**					
Garage	Attached	Detached	Carport		None			
Building Sq. Footage	**Lot Size:**			**Building Total Sq. Ft:**		**Area Under Roof:**		**Total Non roof Area:**
IECC Climate Zone		3A						
All requirements mandatory as applicable								
Note: Compliance with 2009 IECC must be demonstrated separately by City of Dallas registered Third Party Energy Inspector								
* Radon Zone: Dallas lines within Radon Zone 3 - No Radon; the potential exists for building and raw materials from radon zoned areas to be brought into the Dallas area for use on projects ** Townhouse: As defined by the Dallas Residential Code; may not be multifamily building								

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Prescriptive Provisions								
Item	Green Building Practice	Plan Review		Inspection			Field Notes	Comments
		Yes	N/A	Yes	No	N/A		
326.2.2.1.3.2	**Water Efficiency**							Submitted at plan review; verify at final inspection
	Must meet at least 2 of the following water reduction strategies: 1. The average flow rate for all lavatory faucets must be less than or equal to 2.0 gallons per minute							Performance properties noted on drawings or specified; review submittal cut sheets; verify at final inspection Average flow rate is per fixture; refer to manufacturer's product literature.
	2. The average flow rate for all shower head must be less than or equal to 2.0 gallons per minute							
	3. The average flow rate for all toilets must be: 3.1 Less than or equal to 1.3 gallons per flush, or 3.2 Dual flush complying with ASME A 112.19.14, or 3.3 Comply with US EPA Water Sense; certified and labeled							
326.2.2.1.3.3	**Energy Efficiency**							Design documentation submitted plan review
	Achieve energy efficiency 15 percent above the requirements of the Dallas Energy Conservation Code IECC 2009							Calculate compliance using IC3, or RemRate calculator, or REScheck. If IC3 or RemRate is used to demonstrate compliance 15% above the 2009 IECC, then the entire house including the addition must be modeled. As an alternate, the REScheck UA trade-off compliance option may be used to demonstrate compliance 15% above the 2009 IECC for the additions only.

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		Yes	N/A	Yes	No	N/A		
326.2.2.1.3.4	**Heat Island Mitigation**							Specified on drawings or specifications at Plan Review; documented by construction submittals; verify at Final Inspection
	Proposed projects shall install any one of the following options:							
	Option 1: An ENERGY STAR qualified roof on all roofs with a slope of 2:12 or greater.							
	Option 2: A vegetated roof may be installed subject to approval by the Building Official.							Must be approved by BI at Plan Review
	Option 3: Radiant barrier with conventional shingles.							Installation in accordance with manufacturer installation instructions required. Radiant barriers will be considered an alternative path to Energy Star and cool roofs, under the condition that the radiant barrier installation complies with the manufacturer's recommendations which include, but are not limited to: the shiny side of the sheet faces out; the sheet is factory perforated; it is not installed on the attic floor or where the shiny side may become covered with dust; and it is not sandwiched between materials such as insulation and roof shingles. if the radiant barrier is applied to roof sheathing, the radiant barrier must face down into the attic and may not be covered. Radiant barriers have no insulative or R value and are not used in place of insulation. Reflective paint is not considered a radiant barrier.
	Option 4: Encapsulated foam insulation between the roof rafters (R-22 or greater)							Installation in accordance with manufacturer installation instructions required

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326.2.2.1.3.5	**Indoor Air Quality**							Show on drawings at Plan Review; verify at Final Inspection
	1. HVAC and ductwork located outside of fire rated garage envelope							
	2. Minimize Pollutants from the garage a. Conditioned Spaces Above Garage: 1. Penetrations sealed 2. Floor and ceiling joist bays sealed 3. Painted walls and ceilings of conditioned spaces							
	2. Minimize Pollutants continued: b. Conditioned Spaces Adjacent to Attached Garage: 1. Penetration sealed 2. Doors weather stripped 3. Cracks at wall base sealed							
	3. Air Filters a. MERV 8 of greater b. Air handlers sized to maintain air pressure and air flow c. Airtight air filter housing							
	End of Prescriptive							