



**City of Dallas Prescriptive Path**  
**Project Summary and Checklist - One or Two Family Dwelling Unit,**  
**New Construction**

Summary						
<b>Date of Application</b>						
<b>Compliance Path</b>						
<b>Project Identification</b>						
<b>Project Address</b>						
<b>Owner Identification</b>						
<b>Architect Identification</b>						
<b>Contractor Identification</b>						<b>Permit No.</b>
<b>Third Party Provider</b>						<b>Registration No.</b>
<b>Building Code</b>	IRC	IBC Residential Occupancy				
<b>Type of Building</b>	Single Family	Duplex	Townhouse*	IBC Group R Occupancy: (select one) R-1 R-2 R-3 R-4		
<b>Number of:</b>	<b>Stories:</b>	<b>Bedrooms:</b>	<b>Baths:</b>			
<b>Garage</b>	Attached	Detached	Carport	None		
<b>Building Sq. Footage</b>	<b>Lot Size:</b>			<b>Building Total Sq. Ft:</b>	<b>Area Under Roof:</b>	<b>Total Nonroof Area:</b>
<b>IECC Climate Zone</b>	2A					
<b>Note:</b> <ul style="list-style-type: none"> <li>Buildings shall be designed and constructed in accordance with the Energy provisions of Dallas Energy code. Compliance with IECC must be demonstrated separately by City of Dallas registered Third Party Energy Inspector</li> <li>All requirements mandatory</li> <li>Townhouse: As defined by the Dallas Residential Code; may not be multifamily building</li> </ul>						

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Prescriptive Provisions								
Item	Green Building Practice	Plan Review		Inspection			Field Notes	Comments
		Yes	N/A	Yes	No	N/A		
332.5.1	<b>Storm Water</b>							Review drawings at plan review; verify at final inspection
	70% of non-roof area has: 1. Vegetative landscape 2. Permeable paving, or 3. Sloped for water runoff to a permanent filtration feature							
332.5.2	<b>Water Efficiency</b>							Submitted at plan review; verify at final inspection
332.5.2.1	Must utilize drip irrigation emitters for all bedding areas of an approved landscape plan.							Drip emitter indicated on Landscape plan
	Must meet at least 3 of the following water reduction strategies:							Performance properties noted on drawings or specified; review submittal cut sheets; verify at final inspection
	2.1 The average flow rate for all lavatory faucets must be less than or equal to 2.0 gallons per minute							Average flow rate is per fixture; refer to manufacturer's product literature.
	2.2 The average flow rate for all shower head must be less than or equal to 2.0 gallons per minute							
	2.3 The average flow rate for all toilets must be:							
	2.3.1 Less than or equal to 1.3 gallons per flush, or							
	2.3.2 Dual flush complying with ASME A 112.19.14, or							
	2.3.3 Comply with US EPA Water Sense; certified and labeled							
	2.4 Utilize ENERGY STAR labeled dishwashers that use 6.0 gallons or less per cycle.							
	2.5 Utilize ENERGY STAR labeled clothes washer with a modified energy factor $\geq 2.0$ and water factor of $< 5$ .							

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332.5.3	Energy Efficiency	All projects must meet with the minimum requirements of the provisions of Dallas Energy Code						
332.5.4	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:							
	<b>Option 1:</b> An ENERGY STAR qualified roof on all roofs with a slope of 2:12 or greater.							
	<b>Option 2:</b> A vegetated roof may be installed subject to approval by the Building Official.							Must be approved by BI at Plan Review
	<b>Option 3:</b> 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.
	<b>Option 4:</b> Encapsulated foam insulation between the roof rafters (R-22 or greater)							Installation in accordance with manufacturer installation instructions required

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		Yes	N/A	Yes	No	N/A		
332.5.5	<b>Indoor Air Quality</b>							Show on drawings at Plan Review; verify at Final Inspection
332.5.5.1	<b>HVAC:</b> All air-handling equipment and ductwork must be outside the fire-rated envelope of the garage.							
332.5.5.2	<b>Minimize Pollutants from the garage:</b>							
332.5.5.2.1	<b>Conditioned Spaces above a garage:</b> 1. Penetrations sealed 2. Floor and ceiling joist bays sealed 3. Painted walls and ceilings of conditioned spaces							
332.5.5.2.2	<b>Conditioned Spaces next to a garage:</b> 1. Penetration sealed 2. Doors weather stripped 3. Cracks at wall base sealed							
332.5.5.2.3	<b>Air Filters</b> a. MERV 8 or greater b. Air handlers sized to maintain air pressure and air flow c. Airtight air filter housing							
	End of Prescriptive							

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