Residential Plan Review: New Homes

	Dunwoodv	
	*Smart people – Smart city	
11	Perimeter Center East Dunwoody, GA 30346	
	Phone: (678) 382-6800 Fax: (770) 396-4828	

Project Address:	*Smar	t people – Smart city 🖊
Builder Name:		enter East Dunwoody, GA 30346 78) 382-6800 Fax: (770) 396-4828
Builder Phone:		76) 362-0600 FAX. (770) 390-4626
Square Footage per Floor		
Basement: 1 st Floor:	2 nd Floor:	3 rd Floor:
Sprinklered: ☐ Yes ☐ No		
Minimum frost depth of footings =	= 12 inches (2 runs #4 r	e-bar required minimum)
Footing dimensions: x		-
<u> </u>		
Basement Slab:		
Foundation Walls:		
Retaining Walls:	Height,	Footing Dimensions
Basement Walls: Size ((2x4, 2x6), S	Spacing (12" oc, 16" oc, etc.)
Wall Bracing:		
(Sheathing, let-in brace, etc.)		
Load bearing framed walls: Size s	studs: Spacing:	Headers:
Garage door header: Size:	Span:	Type:
1 st Floor Framing: 2 nd Floor Framing: Other:		
Roof		
Rafter-size, type, span, pitch:		
Method used to establish continuo	•	
Attic ventilation: type and total ve	ent area:	
Exterior Covering: brick, stucco, v	wood, and vinyl, EIFS:	
Chimney type: none, pre-fab, ma	_	
Electrical service: volts, _	amps, # p	oaneis, location
If more than one please note		
HVAC # of furnace	Capacity:	□ Gas □ Flectric
		Gas 🗆 Electric
		☐ Gas ☐ Electric
Decks Sq. Ft heig		
		load:
		ood posts higher than 9 feet will
Not be approved.	-	-

Checklist for Wood Framing in Low-Rise Residential

To be submitted to building department with building plans for review. A copy must be available at the job site for Code Compliance review.



Check one: □ New Building □ Renovation

Check one: Unlew Building Unkenovation	
	Entry or Checkmark (if applicable)
Ceilings	
Access to attic area (minimum R-3)	List R-Value:
Flat ceiling insulation	List R-Value:
Sloped ceiling insulation	List R-Value:
(UA trade-off calculations required, min. R-19)	
Walls	
Cavity insulation (batt or blown-in)	List R-Value:
Insulated Sheathing (Leave blank for OSB,	List R-Value:
plywood, etc.)	
Attic Kneewall Insulation (Air barrier on attic side;	List R-Value:
minimum <i>R</i> -18)	
Fenestration	
Window <i>U</i> -Factor (from label)	List <i>U</i> -Factor:
Window SHGC (from label, max 0.40)	List SHGC:
Skylight U-Factor (from label)	List <i>U</i> -Factor:
Skylight SHGC (from label, max 0.40)	List SHGC:
Door <i>U</i> -Factor	List <i>U</i> -Factor:
Foundations	
Floor insulation	List R-Value:
Basement wall insulation	List R-Value:
Mass wall insulation (min. R-5)	List R-Value:
Vented crawl space: foundation vents installed	Check:
per code	STIGSTAL .
Closed crawl space: min. 6-mil (0.15 mm) poly is	Check:
taped and extends up walls 6 in. (153 mm)	
Air Leakage	
Windows: caulked, sealed with 0.34-0.37 air	Check:
infiltration rate	STIGSTAL .
Doors: sealed, weather-stripped (including those	Check:
to unconditioned areas: attic, unheated	5.7557.1
basement, etc.)	
Sole Plate: caulked or sealed	Check:
"Can" lights: properly sealed	Check:
Tubs/showers on exterior walls: properly sealed	Check:
Other penetrations/openings: caulked, sealed or	Check:
gasketed as necessary	
Heating/Cooling Efficiency	
Gas or propane furnace (min. 78% AFUE)	List AFUE:
Heat pump (min. 7.7 HSPF)	List HSPF:
Air conditioner (min. 13 SEER)	List SEER:
Other system(s) (e.g. fuel oil)	List type:
other system(s) (e.g. ruer on)	List type. List efficiency:
Duct insulation (min. R-6/R-8)	List R-Value:
Ducts: sealed with mastic or code-approved tape	List K-Value. List Sealant Method:
Mechanical Ventilation	LIST SECION INCUITOU.
Outdoor air intakes and exhausts installed with	Check:
	CHECK.
automatic or gravity dampers	

Residential Energy Code Compliance Certificate*

	Dunwoody
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	Phone: (678) 382-6800 Fax: (770) 396-4828

Builder:					r East Dunwood	
Phone:			Phon	e: (678) 3	82-6800 Fax:	(770) 396-4828
E-mail:						
Envelope S	Summary:					
List the R	-Value for the follow	ing components:				
Flat ceiling	g/roof:		Sloped/va	ault ceilir	ng:	
Exterior w	l l	Above grade mass wall:				
Attic knee		Attic kneewall sheathing:				
Basement	[E	Basement continuous:				
Crawlspac	ce stud wall:	(Crawlspace continuous:			
Foundatio		F	Floors ove	er uncon	ditioned space	ce:
Cantilever	red floor:	(Other insi	ulation:		
Fenestrati	on Components:					
Window U	l-factor:		Nindow S			
Skylight L	J-factor:	9	Skylight S	SHGC:		
Glazed do	or U-factor:	(Opaque d	oor U-fa	ctor (<50%	glazed):
Building	Envelope Tightnes	ss (BET):				
BET test of	conducted by: at 50 Pascals:			Phone:		
Fan flow a	at 50 Pascals:	CFM ₅₀ Total	Condition	ned Volu	me:	ft³
$ACH_{50} = C$	$CFM_{50} \times 60 / Volume$	e = AC	CH_{50} (mus	st be les	s than 7 ACH	50)
Low Rise	Multifamily Visual Ir	spection Option				
	nspection option may be					
visuai iiisį	pection conducted b	у		rı	ione	
Mechanic	cal Summary:					
Water He	ater Energy Factor:	Ff Fue	l tyne:	Gas	Flectric	Other
Number o	f heating and coolin	a systems:	r cype.	Gus	Licetife	Other
	ystem Type (choose					
	AFUE		Heat Pui	mn:	HSPF	
□ Other:		☐ Efficiency:				
Cooling S	ystem Type (Standa	rd DX. Heat Pump	Geother	mal, etc	.):	
	ystem Efficiency:					
Heating/C	cooling load calculat	ions performed by:			Phone:	
	ting Load (Based on					
	ling Load (Based on					
		Btu/h Cooli				 u/h
Total Air H	Handler CFM (based				CFM	
Duct Tight	tness Test Conducte	ed by:	P	hone:		
CFM ₂₅ per	100ft ² of condition	ed floor area = CFN	1 ₂₅ x 100	/ Condit	tioned floor a	rea served
	re not located within cor					
	(PCO) is $\leq 12 \text{ cfm}/100\text{ft}^2$ od was used to conduct t		RIT) with a	ir handler	is installed is ≤ 6	5 cfm/100 ft ² . State
	(DB), modified blower d		(MBDS). c	or automat	ed multipoint blo	ower door (AMBD).
System	Method (DB, etc)	Test (PCO, etc.)	CFM ₂₅		erved (ft²)	Test Result
1	(,)	(,)	23		(/	
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^{*}This certificate, to be completed by builder or designer, shall be posted on or in the electrical distribution panel. Where there is more than one value for each component, certificate shall list the value covering the largest area.