Ekotrope Category / Data Point	x = EmCarb impact
General Info	
Square footage	
Volume	
Number of Bedrooms	
Floors on or Above Grade	
Permit Photos	
Location Ping - built into Company Cam	
Building orientation -	
Envelope	
Slab	x
Framed Floor	x
Foundation Walls	x
Above Grade Walls - Front	x
Above Grade Walls	x
Above Grade Walls	x
Above Grade Walls	x
Rim Joist per floor: height of framed floor plus insulation depth	x
Roof	x
Floor to floor heights must be measured - measure even if in conditioned volume 2nd floor	
Floor to cathedral heights must be measured	
Floor to knee wall heights must be measured	
Other: Thermal bypass checklist reference	
Fenestration	
Window Type #1	x
Window #2	x
Window #3	x
Window #4	x
Window #5	x
Window #6	x
Window #7	x
Window #7	x
Window #8	x
Window #9	x
Window #10	x
Door #1	x
Door #2	x
Door #3	x
Door #4	x
Door #5	x
Skylight	x
Mechanical	

Not Included in Ekotrope	Relevant Components	Notes:
Concrete		
		what are alternatives? Can the baselline be used to forecast improvements based on "Best Practice" alternatives or "optimiezed" results?
		If basement not in conditioned space, must be accounted for separately
Framing	Transportation	FSC Ratings
	Structural steel	
Shell / Skin Components	Paper	
	siding type	wood / metal / vinyl / stucco / veneer
Decks	All material	Including footers, framing, deck material
Porches	All material	same as above plus overhang material - these could be multipliers based on intensity of detail
Exterior Trim	Doors	
	Trim Components	simple multiplier based on level of detail? A multiplier might be used for many categories to "best guess". Should have a default
Flooring		
Interior partitions	wall finish	
	Cavity Insulation	
	Framing Factor	
	Paint	
	Other	
	Trim	
HVAC	GWP of refregerant	
	Ductwork coefficient	precious metal extraction / transportation / manufacturing
Roof Material outside Thermal Envelope	Added category	Same as roof components
Sidewall Material Outside Thermal Envelope (Rainscreen)	Added category	Same as wall components
Kitchen Components	Countertops	
	Tile	
	Cabinets	
	Paint	
	Other	

DHW		x
Hot Water Storage		x
Furnace w/ model energy guide		x
Air Handler		x
AC Coils		x
Condensors with energy guide		x
ERV/HRV or Bath Fan documentation		x
Water		
Pipe insulation - Yes or NO		x
Circulation Pumps		
Recirc loop length		
Recirc system control type		
Drain Water Heat Recovery		
Water Fixture Type		
Lighting and Appliances		
Lighting LED %		x
Refrigerator		x
Washer		x
Dryer		x
Dishwasher		x
Range/Oven		x
Other:		x
Infiltration		
Blower Door: Target/TEST		
ASHRAE test: Target/Test		
Duct Testing - LTO or Total - see below		
Onsite Generation		
PV Array Size kWh dc:		x

Bath Components	countertops	
	Tile	
	Cabinets	
	Paint	
	Other	glass doors?
Interior Finishes	Specialty	
	Window Treatments	
	Other	Hardware
Mechanicals		Can their EmCarb impacts be quantified - beyond refrigerant?
Appliances		Same question

Operational Carbon Impact =   x
Upfront Embodied Carbon =   Y

	X + Y =	**CARBON USE INTENSITY**

Operational Carbon Impact =   y