



Lot: 5455 128th St - 5455 128th St, Fennville, MI 49408

Points:						Total	Level
Min Required:	82	15	23	15	10	60	
Proposed:	0	0	0	0	0	0	
Yes:	486	49	49	41	22	647	Platinum
Verified:	486	49	49	41	22	647	Platinum
Eligible Pillars:							

1. Planning, Design and Energy Modeling

1.1 OVERALL REQUIREMENTS



Yes	1.1.1	Select project type	New Construction - Single Family					
Yes	1.1.2	Project climate zone Notes: Climate zone 5	Default Value					
Yes	1.1.3	Do not build in flood zones Notes: No reports on FEMA	Default Value					
Yes	1.1.4	Use certified wood if importing outside of US and Canada - FSC or SFI Notes: No imported wood	Default Value					
Yes	1.1.7	Meet 2015 IECC code on new buildings	Default Value					

1.3 INTEGRATED & TRAINED PROJECT TEAM








Yes	1.3.2	Certified GreenHome Professional Serving on project team	Default Value	1	1	1	1	1
Yes	1.3.3	Create multi-disciplinary project team and host pre-construction meetings.		1	1	1	1	1
Yes	1.3.5	Hire a credentialed HQUITO or NATE HVAC contractor		1	1	0	0	0









































1.4 ENERGY USE REDUCTION



Yes	1.4.6	Zero Energy Capable Designation	Zero Energy Capable	450	0	0	0	0
Yes	1.4.7	Home is certified to an energy efficiency standard	Baseline energy rating	1	0	0	0	0

1.5 DESIGN							
Yes	1.5.1 Home or building is ready for Solar PV in the future	0	0	1	2	0	
Yes	1.5.2 Accessibility & Universal Design	Gold met	0	3	2	2	0
Yes	1.5.3 Allocate space in the home as a disaster protection area Notes: ICF	Default Value	0	1	0	0	0
Yes	1.5.4 No garage or detached garage	Detached garage	0	3	0	0	0
Yes	1.5.5 Reduced or no foam used in home or units	No spray foam except air seal, rigid only	0	1	1	1	0
Yes	1.5.6 No interior fireplace installed		0	2	0	0	0
Yes	1.5.7 Pre Occupancy Air Flush	Default Value	0	1	0	0	0
Yes	1.5.8 Home or building is all electric	Default Value	1	3	3	0	0
Yes	1.5.9 Home designed or renovated to be ready for zero energy	Default Value	0	0	2	0	0
Yes	1.5.11 Passive solar home	Default Value	5	0	0	0	0
Yes	1.5.12 Propose an innovative idea - 1 Notes: Took foam from job and put in the garage walls instead of throwing it away. I would like request 1 point in materials.	Default Value	0	0	0	1	0

2. Site & Landscape

2.1 PREREQUISITES							
Yes	2.1.1 No invasive species are planted	Default Value					
Yes	2.1.2 No cypress mulch	Default Value					
Yes	2.1.3 No new railroad ties or other landscape materials that contain creosote or chromated copper arsenate	Default Value					
Yes	2.1.4 Following construction completion, no part of the disturbed site is left uncovered or destabilized	Default Value					
Yes	2.1.5 Final Grade Slopes Away from Foundation 0.5 inch per foot for 10 feet	Default Value					
Yes	2.1.6 New Patio Slabs, Porch Slabs, Walks, and Driveways Slope Away from House						
2.2 PLANTINGS AND IRRIGATION							
Yes	2.2.3 Native / Drought Tolerant and/or Adaptive Plants	60%	0	0	3	0	1
Yes	2.2.4 Total site has XX% permeable surface. Select one: 100% of undeveloped site is permeable		0	0	4	0	0
Yes	2.2.5 All plantings and plant materials are kept at least " from house	24 Inches	0	0	0	2	0
Yes	2.2.12 Existing and new deciduous trees shade 50% of sidewalks, patio or drive within 5 years		0	0	2	0	0



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2.3 DECKS, PATIOS AND PORCHES



Yes	2.3.1	Wood use is kept at least 12 inches from soil		0	0	0	2	0
Yes	2.3.2	Non toxic landscaping wood.	Default Value	0	0	1	0	0

2.4 EROSION CONTROL



Yes	2.4.1	Turf is not installed on slopes exceeding 25% rise		0	0	1	0	0
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2.5 GRADING/DRAINAGE



Yes	2.5.1	Patio slabs, walks and driveway shall be sloped a minimum of 1/8" per foot away from house	Default Value	0	0	0	1	0
Yes	2.5.2	Minimum of 50% (75% over 1 acre) of lot is protected from all grading and tree clearing	Default Value	0	0	2	0	0

3. Building Envelope

3.1 PREREQUISITES NEW & ADDITIONS							
Yes	3.1.1 Install Radon System	Default Value					
Yes	3.1.2 No Vapor Retarders on Interior Side of Air-Permeable Foundation Insulation	Default Value					
Yes	3.1.4 Drain tile installed at basement and crawlspace walls, with the top of the drain tile pipe below the bottom of the concrete slab or crawlspace floor	Default Value					
Yes	3.1.5 Drainage Plane Behind Exterior Wall Cladding	Default Value					
Yes	3.1.6 Window and door openings fully flashed	Default Value					
Yes	3.1.7 Step and Kick-Out Flashing at all Roof-Wall Intersections	Default Value					
Yes	3.1.8 Install gutters and downspouts on homes to direct rainwater down and away	Default Value					
Yes	3.1.9 Leaf & debris filters must be added to gutters	Default Value					
Yes	3.1.10 A capillary break beneath all slabs (e.g., slab on grade, basement slab)	Default Value					
Yes	3.1.11 Roof Deck Valleys and Penetrations Sealed	Default Value					
Yes	3.1.13 Damp-Proof Exterior Surface of Below-Grade Walls	Default Value					
Yes	3.1.14 Roof Eaves Sealed with Self-Adhering Membrane in Cold Climates	Default Value					
Yes	3.1.15 Building Materials with High Moisture Content Not Enclosed	Default Value					
Yes	3.1.17 New structural plywood & OSB must conform to PS1 and PS2 standards.	Default Value					
Yes	3.1.18 Meet IECC 2015 in all fenestrations	Default Value					
Yes	3.1.19 Meet IECC 2015 in all new ceilings and attics	Default Value					
Yes	3.1.20 Meet IECC 2015 in all new framed walls	Default Value					
Yes	3.1.21 Meet IECC 2015 in all new mass walls	Default Value					
Yes	3.1.23 Meet IECC 2015 in all new foundation slabs	Default Value					

3.4 FOUNDATIONS, CRAWLSPACES, & SLABS								
Yes	3.4.0	Insulated concrete forms used for 90% of walls	Default Value	0	1	0	1	0
Yes	3.4.2	Fly Ash used in concrete. (percent substitution by weight) Select one:	25% to 39%	0	0	0	1	0
Yes	3.4.4	Install frost protected shallow foundation		0	0	0	2	0
Yes	3.4.6	No basement exists	Default Value	0	1	0	1	0
Yes	3.4.7	Insulated concrete forms used on foundation walls	Default Value	0	0	0	1	0
3.5 WALLS & CEILINGS								
Yes	3.5.14	Use No VOC healthier paints/stains/primers	ZERO VOC	0	3	0	0	0
3.6 SIDING								
Yes	3.6.2	Fiber-cement or wood composite siding	90%	0	0	0	2	0
3.7 WINDOWS, SKYLIGHTS & DOORS								
Yes	3.7.3	Install light tubes in areas with minimal lighting		1	1	0	0	0
Yes	3.7.5	Install, adjustable interior solar shades, or reflective blinds		1	0	0	0	0
Yes	3.7.8	Location source of new fenestrations	90% Regionally Sourced	0	0	4	0	0
3.9 NEW INSULATION								
Yes	3.9.1	New insulation is low or no emitting VOCs	50% of square footage	0	1	0	0	0
Yes	3.9.2	New insulation contains recycled content	50% of square footage	0	0	0	1	0
Yes	3.9.3	Location source of new insulation materials	90% Regionally Sourced	0	0	3	0	0



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4. HVAC & Mechanical

4.1 OVERALL PREREQUISITES								
Yes	4.1.1	Proper whole house ventilation						
Yes	4.1.2	All flex duct pulled tight-no pinches	Default Value					
Yes	4.1.3	All new ductwork must be sealed	Default Value					
Yes	4.1.5	Install carbon monoxide detector(s)	Default Value					
Yes	4.1.6	For each condensate-producing HVAC component, corrosion-resistant drain pan included that drains to a	Default Value					
Yes	4.1.7	Install basic programmable thermostat(s)	Default Value					
Yes	4.1.8	No new air handling equipment shall be installed in a garage.	Default Value					
Yes	4.1.8	Install higher MERV rated Filter	MERV 8					
Yes	4.1.10	Refrigerant charge test by HVAC contractor						
4.2 NEW SYSTEM(S) PREQUISITES								
Yes	4.2.1	No new unvented combustion units	Default Value					
Yes	4.2.2	No air handlers or conditioning equipment shall be placed in unconditioned spaces (e.g., garage)	Default Value					
Yes	4.2.3	New ducting MAY NOT use building cavities as part of air supply or return system.	Default Value					
Yes	4.2.4	All New bath fan ducting that is in unheated space shall be insulated to min R8	Default Value					
4.3 HEATING AND COOLING EQUIPMENT								
Yes	4.3.1	Install multiple zones in home to improve energy efficiency.	4	2	0	0	0	
4.4 VENTILATION AND FRESH AIR FOR OCCUPANTS								
Yes	4.4.1	Install better ventilation in bathroom(s).	100% of all bathrooms	2	3	0	4	0
Yes	4.4.2	Bathroom automatic controls for ventilation	100% of Bathrooms	2	4	0	4	0
Yes	4.4.3	Properly Ventilate the Kitchen	HRV or ERV used for kitchen	1	2	0	2	0
Yes	4.4.4	Better ventilation system	ERV/HRV	1	2	0	1	0

5. Electrical

5.1 PREREQUISITES



Yes	5.1.1	Minimum of one carbon monoxide alarm installed within ten (10) feet of each bedroom.	Default Value					
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5.2 APPLIANCES



Yes	5.2.2	Refrigerator is energy star or up down	Default Value	1	0	0	0	0
Yes	5.2.3	Energy Efficient Dryer Installed	Energy Star Dryer	1	0	0	0	0
Yes	5.2.4	Install induction cook top		3	1	0	0	0

5.3 FANS, FIXTURES AND LIGHTS




Yes	5.3.1	Install LED Lighting	High use & exterior	1	0	0	0	0
Yes	5.3.2	Install automatic indoor lighting controls	100% of rooms have dimmers	2	0	0	0	0
Yes	5.3.3	Install new ENERGY STAR ceiling fans		1	0	0	0	0
Yes	5.3.5	Install automatic outdoor lighting controls or photocells/timers		1	0	0	0	0
Yes	5.3.6	Reduce light pollution by shielding fixtures and /or directing light downward		0	0	1	0	0

6. Plumbing Systems & Fixtures

6.1 PREREQUISITES



Yes	6.1.2	No new supplies or drains in exterior walls	Default Value					
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6.2 EQUIPMENT



Yes	6.2.6	Dishwasher is energy star	Default Value	1	0	0	0	1
Yes	6.2.7	Clothes Washer is Energy Star	Default Value	1	0	0	0	1

6.3 FIXTURES











































Yes	6.3.2	Toilets	.8 GPF	0	0	0	0	8
Yes	6.3.4	Shower heads	1 GPM	1	0	0	0	6
Yes	6.3.5	Watersense certified products by type	3 types	0	0	0	0	3

6.4 PIPING


















Yes	6.4.0	Better piping system	PEX in 70% of piping	1	0	1	1	0
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7. Finish Materials & Coatings

7.1 PREREQUISITES			    					
Yes	7.1.0	All new interior primer/paint/stains certified low voc	No Voc					
Yes	7.1.2	New durable and moisture resistant floors in bathrooms, kitchens, entryways and utility rooms						
Yes	7.1.3	No paper-coated drywall in shower or tub surround	Default Value					
Yes	7.1.4	No vinyl wall coverings allowed in moisture-rich areas	Default Value					
7.2 FLOORING			    					
Yes	7.2.3	No or less carpet installed on all flooring (besides basement)	95% of applications	0	3	0	2	0
Yes	7.2.7	Location source of new floors	90% Locally Sourced	0	0	4	0	0
Yes	7.2.11	Install sealed concrete floor (min. 80% of interior finish slab-work)		0	2	0	2	0
7.3 CABINETS WITH GREEN ATTRIBUTES			    					
Yes	7.3.4	New wood cabinets are FSC certified	90% of square footage	0	0	2	0	0
Yes	7.3.5	Location source of new cabinets	90% Locally Sourced	0	0	4	0	0
Yes	7.3.6	Cabinets are from certified sustainable manufacturing process	90% of square footage	0	0	2	2	0
Yes	7.3.7	New cabinets low or no emitting VOCs	90% of square footage	0	2	0	0	0
7.7 COATINGS AND ADHESIVES			    					
Yes	7.7.2	Adhesives are urea-formaldehyde free		0	1	0	0	0
Yes	7.7.3	Caulks are low VOC (minimum 75% caulk applications)		0	1	0	0	0

8. Waste Management

8.1 CONSTRUCTION & DEMOLITION WASTE			    					
Yes	8.1.4	Obtain products from suppliers that use recyclable or reusable packaging		0	0	0	1	0
8.3 RECYCLE THE FOLLOWING ITEMS			    					
Yes	8.3.1	Packaging		0	0	1	0	0
Yes	8.3.12	Asphalt or concrete rubble		0	0	1	0	0
8.4 HOMEOWNER WASTE REDUCTION			    					
Yes	8.4.2	Provide kitchen scrap compost bin and exterior compost bin		0	1	2	0	0



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9. Occupant Education + Better Living

9.1 HOMEOWNER AND SUBCONTRACTOR EDUCATION



Yes	9.1.1	Builder Manager and/or Tenant Education	Default Value					
Yes	9.1.2	Provide homeowner with a user's manual	Default Value					

10. Reduced exposure to EMFs

10.1 DESIGN FOR REDUCED ELECTRICAL AND MAGNETIC FIELDS



Yes	10.1.14	Refrigerator is not located within 6 feet of sleeping area		0	1	0	0	0
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