

Dedicated Home Services LLC



This is an actual inspection of a newly constructed home

Report Prepared For:

Client information has been removed

***** See roofing section*** Even new homes can have significant defects in workmanship that are often overlooked by builders and municipal code**

Report Prepared By:

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GENERAL INFORMATION

Inspection Address

Street:	
City:	
State:	
Zip:	

Client Information

Name:	
Address:	
City:	
State:	
Zip:	
Home#:	
Cell#:	
Email:	
Release:	
Additional Email	
Delivery:	

Inspection Details

Inspection Date:	05-02-06
Start time:	10am
Finish time:	1:15pm
Temperature:	60's
Weather Conditions:	Cloudy, breezy
Report Delivered:	05-03-06
Fee Paid:	\$300 Personal check #4043
Parties present:	Buyers

Building Details

Style:	Single family 2 story
Approximate Age:	2005
Bedrooms:	4
Bathrooms:	2.5
Basement:	Full unfinished
Outbuildings:	Na
Approximate Sq Ft:	2300
Sale Price:	
MLS#	
Occupied:	Yes
Entrance Faces:	West

PURPOSE AND SCOPE

This report describes condition concerns observed during an onsite inspection. For more information on observed conditions in this report please call me as soon as possible after receiving this report. You will receive a final copy of your report on CD in a few days. Please refer to the Wisconsin's "Standards and Practices" for definition of the purpose and scope of a home inspection. This report is property of Dedicated home Services and the Client named above. No other parties are privileged to, or can rely on the information in this report in whole or in part.

This inspection report and its contents are bound by the terms agreed upon in the "Inspection Agreement" signed prior to the onsite report. The delivery of this report fulfills all the requirements and terms detailed in the agreement.

The inspector is not required to test or evaluate certain items. These excluded items are detailed by Wisconsin Dept. of Regulations and Licensing, "Standards and Practices".

I strive to report on and detail as many concerns in the onsite inspection and the written report. I am of course human. I cannot see thru walls or report on problems that are hidden concealed or considered to be latent defects. I may also mention certain items during the onsite inspection but fail to revisit them in the written report. I am also subject to simple clerical error. I reserve the right to re-inspect and or offer addendums to this report if necessary.

I take an average of 100 photos on each inspection. These photos are to both document and reference areas of concern and general circumstances observed during the inspection. I include several of these photos within the report at lower quality to illustrate an area of concern. The additional photos are contained in their original high resolution quality on the CD you will receive. These photos may contain additional examples of what is explained or show with more clarity. If you have any questions about a photo please call for clarification.

Please read the report and refer to the publications I provide for additional information

GENERAL COMMENTS

This home was constructed less than a year ago and was occupied. The owner's belongings can obscure some defects or signs of defects. With new construction it may take some time for signs of problems to exhibit themselves.

EXTERIOR

<i>Building Exterior</i>	
Siding Material:	Vinyl, Brick
Wall Trim:	Vinyl
<i>Windows and Doors</i>	
Window type:	Double hung double insulated vinyl
Material:	Vinyl
Door Type:	Clad
Material:	Aluminum
<i>Eaves, Soffits, and Fascias</i>	
Type:	Vented
Material:	Aluminum
<i>Driveway and sidewalks</i>	
Driveway Material:	Concrete
Sidewalk Material:	Concrete
Flatwork Material:	NA

Exterior Comments

1. I noted several areas around windows that need some caulking and maintenance. Caulk and paint as needed to prevent water damage.
2. The patio door on the rear of the home has a ledger board and temporary railing. The ledger will need additional flashing and anchors when adding a permanent deck.
3. The brick veneer on the front of the home had several rope wicks protruding from the brick that will need to be trimmed. There was a gap on the north edge upper section that should also be filled to prevent water and insects from entering.



Caulk wood trim



Caulk around windows



Deck ledger needs flashing and additional anchors



Discoloration on several wood trimmed windows.



Caulk around windows



Loose outlet in entrance area



Fill gaps



Caulk needed



Ropes need trimming



Wasp nest

LANDSCAPE AND SITE DRAINAGE

Slope and Drainage

Direction of Lot Slope:	Slopes away from the home on all sides, towards the rear
Downspouts Drain:	Onto grade
Swales/Ditches:	Na
Retaining walls:	Na

Landscape Comments

1. The home had a very sparse lawn and the soil was very soft around the foundation. As with most new homes there will be settling around the foundation and else ware in the lawn as the soil settles. Fill any depressions around the foundation and be sure to maintain a slope away from the foundation to direct surface water away.



Sparse lawn

Exposed soil and settling in several areas

ROOF SYSTEM

Roof Covering	
Roof Inspected:	Walked on surface
Roofing Materials:	Composite asphalt fiberglass
Estimated life:	New, Ask builder for warranty info
Flashing	
Flashing Type:	Metal
Flashing Locations:	Drip edge
Chimneys	
Chimneys Type:	Metal , hot water heater vent
Flue type:	Double wall insulated
Flashing:	Integral collar
Gutters and Downspouts	
Type:	Aluminum
Skylights	
Type:	Na
Location:	Na
Flashing:	Na
Other Penetrations	
Type:	Plumbing vent, roof vents
Location:	Rear gable
Roof Ventilation	
Type:	Roof vent pods, soffit
Location:	Upper main
Attic	
Access Locations:	master bedroom closet, garage
Observation:	From scuttle, entered attic
Insulation Type:	Blown loose fiberglass
Insulation Measure:	12-14 inches
Approximate R-Value:	R27-31
Ventilation Type:	Soffit and roof vent

Roof Comments

1. The roof exhibited several signs of sloppy workmanship. The edges and valley cuts were jagged and there was nails and debris on the roof and in the gutters. There was one complete shingle missing and several others that were not laying flat. There were some staples exposed and others that were not driven to proper depth or have backed out. The roof had no underlayment installed. Typically tar paper is used and acts as a second line of defense for leakage and acts as a release to prevent shingles from adhering to plywood deck. The wood and shingles expand and contract at different rates and if there is no release underlayment it can shorten the life of the roof covering. Many shingle manufacturers void the warranty if no underlayment is used. The roof was stapled rather than using roofing nails. This method of attachment is not the preferred method by most manufacturer standards and may void warranties of some manufacturers. Have the shingle replaced immediately and have a roofer examine the roof and repair any popped staples. Check the manufacturer's specifications for installation and warranty. Because of lack of underlayment the roof covering will likely need to be removed and replaced.
2. A truss cord was damaged in the attic and will need to be replaced.
3. One gutter had some standing water and appeared to be pitched incorrectly. The water was only 1/2" deep and a minor concern.





Several shingles not sealed, staples popped



Loose shingles, sloppy cuts



Improperly pitched gutter



Popped staple



Missing shingle



Leakage can occur, no underlayment



Truss cord was damaged and will need to be replaced.

STRUCTURAL SYSTEM

Foundation	
Type:	Poured concrete
Floor Structure	
Floor framing:	Engineered I joists
Sheathing:	OSB
Wall Structure	
Wall framing:	2x4
Sheathing:	Not visible
Columns and Supports	
Material:	Steel
Location:	Center support in basement

Comments:

1. A truss cord in the attic was damaged and will need to be replaced.

BASEMENT AND CRAWLSPACE

Type:	Full/ unfinished
Ventilation:	Na
Access:	Stairs from interior
Wall coverings:	Unfinished concrete
Floor coverings:	Concrete
Drainage:	Yes floor drain near furnace

Basement Comments:

1. Minor cracks were noted in the foundation. None were large enough to be of concern, caulk and monitor for future movement.

PLUMBING SYSTEM

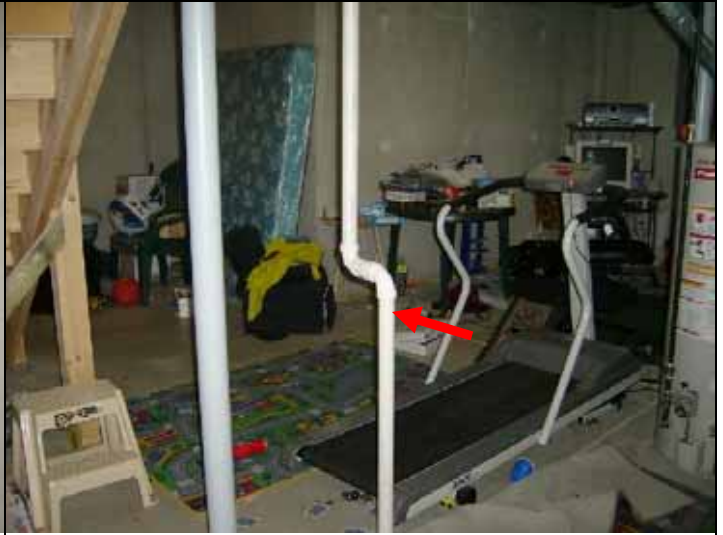
<i>Drain, Waste, and Venting</i>	
Drain Material:	PVC
Septic type:	Municipal
Cleanout:	Yes
<i>Water supply</i>	
Supply material:	Plastic main/ copper trunk line and distributive lines
Source:	Municipal
Main shut off:	Yes at meter
Storage Tank:	Na
<i>Fuel</i>	
Supply material:	Black pipe
Source:	Municipal
Main shut off:	Yes at meter
Storage:	No
<i>Hot Water Heater</i>	
Type:	Tank/AO Smith
Energy source:	Natural gas
Capacity:	40 Gallons
Venting:	Galvanized flue double wall
Approx. Age:	2005
<i>Sump Pump</i>	
Type:	Open crock
Tested:	Operated ok

Plumbing Comments:

1. The water softener installation left the water main inadequately supported. If not properly supported the joints can fatigue and fail causing leakage and water damage to basement contents.
2. There were several waste pipes in the basement that were poorly supported. If these pipes were stuck they can break off at floor and be difficult to repair. Add protective supports to prevent damage.



Water softener pipes need additional support



Waste pipes subject to damage.



Additional support needed

ELECTRICAL SYSTEM

<i>Service Entry</i>	
Drop Type:	Underground
Entry Conductor:	Aluminum
Voltage/Amperage:	220v 200amp
Meter Location:	North side of home
Ground Conductor:	Copper
Ground Location:	Not visible
<i>Main Disconnect</i>	
Type:	Meter
Amperage Rating:	200amp
Location:	North side of home
<i>Main Panel</i>	
Location:	Basement
Panel Style:	Breaker
Amperage Rating:	200 amp
Voltage Rating:	220v
<i>Distribution Wiring</i>	
Wiring Type:	NM copper
<i>Sub Panel</i>	
Location:	Na
Amperage Rating:	Na
<i>Smoke Alarm Detectors</i>	
Smoke Alarms:	Yes electrical w/ battery backup all interconnected
Carbon monoxide:	Na
<i>Ground fault circuit interrupters (GFCI)</i>	
Required Location:	Kitchen, Bathrooms, Basement, Laundry, Garage, Exterior, moist areas
Found Locations:	Kitchen, Bathrooms, Basement, Garage, Exterior

Electrical system Comments

1. Testing a sample amount of outlets revealed an inconsistent voltage drop under load. When a 15-amp load was applied to the circuit the line voltage dropped 8-12.5% any voltage drops over 5% are considered out of acceptable range per manufactures standards. The most common causes for this are excessive length of the wire in the circuit or poor connections. The connections most often responsible are push-in type receptacles. This wiring method (also called speed wiring) is acceptable by NEC code, but often results in poor connections. The solution to this is using the screw type terminals for a better connection. This condition needs to be further evaluated by a qualified electrician to determine the quality of connections.

2. Wiring in garage is exposed and subject to physical damage. The wiring should be covered or run in conduit.
3. The exterior outlet in the entrance area was loose.



12.5% voltage drop



Exposed wiring in garage

HEATING SYSTEM

Heating Systems	
Type of Heating System:	Natural gas forced air high efficiency
Heating System Location:	Basement
Venting:	Direct vent PVC
Ducting, Supply Air:	Galvanized metal
Ducting, Return Air:	Galvanized metal
Controls:	Thermostat
Fuel Source, Location:	Municipal
Fuel Piping:	Black pipe
Furnace	
Make:	Carrier
Model:	58MCA080-12
BTU:	74,000/ 80,000
Serial:	4804A10619
Approximate age:	2004
Last Service Date:	Na
Filtration:	paper media

Heating system Comments

1. The heat recovery ventilator and furnace fresh air intake can be optimized for better performance and energy savings by integrating the controls with the furnace and humidifier. The filter currently used is of minimal performance, other options offer better air filtration for equipment and air quality. Seek advice of HVAC technician for recommendations.

AIR CONDITIONING SYSTEMS

System Description	
Energy source:	Electric
Approximate age:	2004
Disconnect:	Adjacent to unit
Location:	East side of home
Controls:	Thermostat
Make:	Carrier
Model:	38EK036350
Serial:	4404E35142

Air conditioning comments:

1. No concerns noted.
2. Have the system checked by a HVAC technician to measure refrigerant levels and general service.

INTERIOR LIVING SPACE

General comments

1. The floors in the home squeaked in several areas. I was unable to determine the cause of the squeaks. This can indicate poor attachment of sub floor and framing members. Very little can be done to alleviate this without removal of floor coverings.
2. There was a crack over the stairwell in the foyer. This should be repaired and evaluated to determine if structural problems exist. It is common to have some drywall joints fail while the building materials dry and settle. This did not photograph well.
3. Other minor blemishes to the drywall were noted but only cosmetic in appearance, touch up and repair as needed.

Kitchen	
Wall covering:	Painted drywall
Floor covering:	Linoleum
Ceiling covering:	Painted drywall
Countertops:	Laminate
Cabinetry:	Wood
Plumbing fixture:	SS-steel sink
Heat source:	Noted
Ventilation:	Windows
Lighting:	General and task
GFCIs:	Yes tested ok
Smoke alarm:	No

Kitchen Comments:

1. The sink needed minor caulking.

Bedroom1 master	
Wall Coverings:	Painted drywall
Floor Coverings:	Carpet
Ceiling Covering:	Painted drywall
Doors:	Wood panel
Windows:	Vinyl double hung with integral screens
Smoke Alarm:	Yes
Heat Source:	Noted

Bedroom1Comments:

1. No concerns noted.

Bedroom2, 3, 4	
Wall Coverings:	Painted drywall
Floor Coverings:	Carpet
Ceiling Covering:	Painted drywall
Doors:	Wood panel
Windows:	Vinyl double hung with integral screens

Smoke Alarm:	Yes
Heat Source:	Noted

Bedroom Comments:

1. No concerns noted.

Room Interior living room	
Wall Coverings:	Painted drywall
Floor Coverings:	Carpet
Ceiling Covering:	Painted drywall
Doors:	Wood panel
Windows:	Vinyl double hung with integral screens
Smoke Alarm:	Yes
Heat Source:	Noted

Comments:

1. No concerns noted.

Room Interior dining room	
Wall Coverings:	Painted drywall
Floor Coverings:	Carpet
Ceiling Covering:	Painted drywall
Doors:	Wood panel
Windows:	Vinyl double hung with integral screens
Smoke Alarm:	Yes
Heat Source:	Noted

Comments:

1. No concerns noted.

BATHROOMS AND LAUNDRY

Bathrooms

Number of Bathrooms: 2.5

Bathroom 1

Location:	2 nd floor main
Ventilation:	Yes ceiling fan
Wall covering:	Painted drywall
Floor covering:	Linoleum
GFCIs:	Yes/ tested ok
Shower material:	Fiberglass 1pc surround
Tub Material:	Fiberglass 1pc surround
Sink and counter:	1 pc composite bowl top and bowl
Heat source:	Noted

Bathroom 1 Comments:

1. No concerns noted.

Bathroom 2

Location:	2 nd floor master
Ventilation:	Yes ceiling fan
Wall covering:	Painted drywall
Floor covering:	Linoleum
GFCIs:	Yes/ tested ok
Shower material:	Fiberglass 1pc surround
Tub Material:	NA
Sink and counter:	1 pc composite top and bowl
Heat source:	Noted

Bathroom 2 Comments:

1. No concerns noted.

Bathroom 3

Location:	1st floor half bath
Ventilation:	Yes ceiling fan
Wall covering:	Painted drywall
Floor covering:	Linoleum
GFCI's:	Yes/ tested ok
Shower material:	NA
Tub Material:	NA
Sink and counter:	1 pc composite top and bowl
Heat source:	Noted

Bathroom 3 Comments:

1. No concerns noted.

Laundry Area

Location:	1 st floor near kitchen
Ventilation:	Na
Wall covering:	Painted drywall
Floor covering:	Linoleum
GFCIs:	Yes tested ok
Sink and counter:	Na
Heat source:	noted

Laundry Comments:

1. Change existing black washer hoses to SS-steel braided type. These are better protected against bursting which is common with factory black rubber hoses.

FIREPLACES AND SOLID FUEL BURNING APPLIANCES

Fireplace Type:	Natural gas insert
Location:	Living room
Fuel Type:	Natural gas
Air supply:	Exterior air
Exhaust Venting:	Double wall metal vent pipe discharge through wall

Fireplace Comments

1. Minor cracks around the insert where it contacts the brick were noted. These are cosmetic and of little concern but a masonry caulk can be used to improve appearances.

GARAGE

Structure type:	Attached 3 car
Electrical service:	Supplied by house
GFCIs:	Yes tested ok
Foundation:	Concrete slab
Siding:	Same as house
Windows:	Same as house
Lighting:	General
Roof:	Same as house
Drainage:	No
Interior walls:	Open framing and drywall
Interior ceiling:	5/8 drywall
Floor:	Concrete
Insulation:	Not visible
Fire Wall:	Yes
Fire Door:	Yes
Service door:	No
Overhead door:	Yes panel
Opener:	Yes, with optical reverse

Condition Comments

1. The wiring in garage should be covered to prevent physical damage to wires.