



RaterPRO™ Introduction

EPA's Free Inspection App

March 11th, 2021

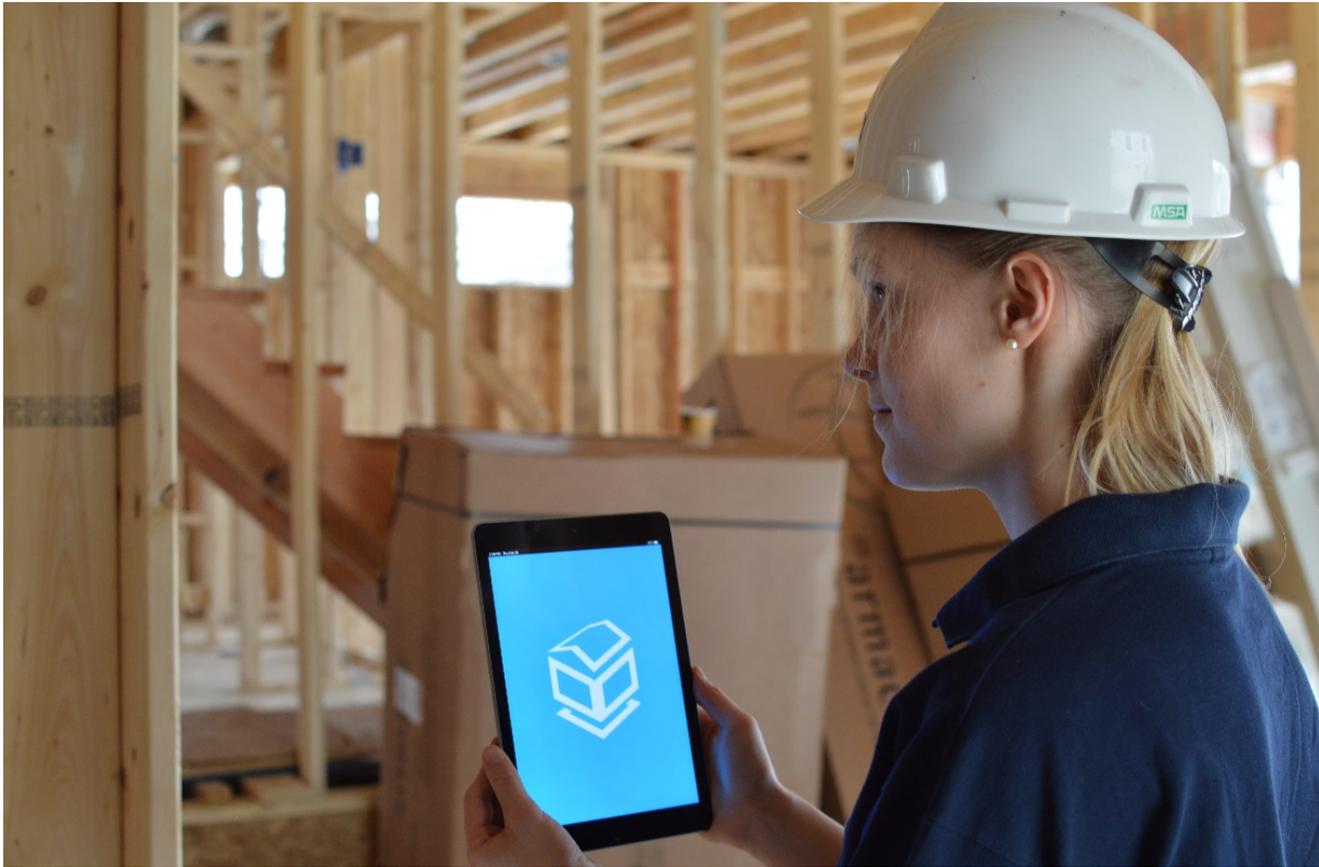
Elliot Seibert

Implementation Manager

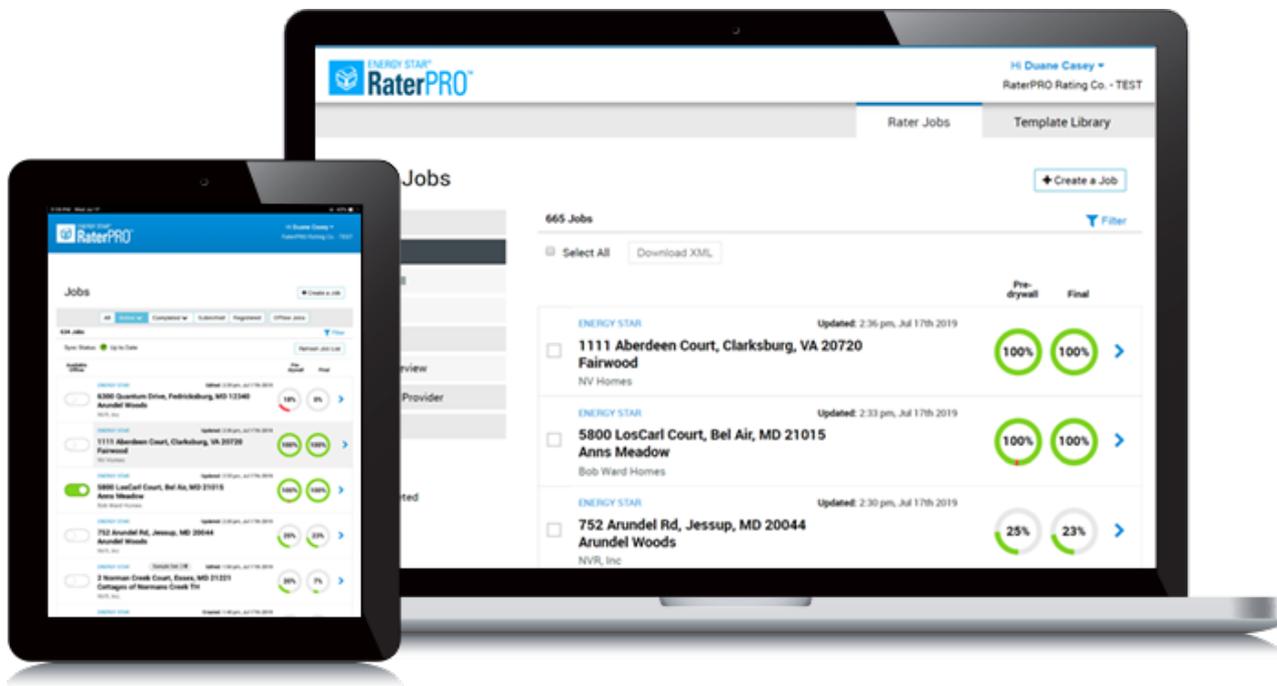
U.S. EPA, ENERGY STAR Residential Branch



ENERGY STAR®
RaterPRO™



ENERGY STAR® RaterPRO™



EPA created RaterPRO as a **FREE** app to promote adoption of **high-quality ratings** across the industry.

Agenda

- **Part 1:** RaterPRO Overview
- **Part 2:** Updates
- **Part 3:** Feature Walkthrough



Part 1

RaterPRO Overview

Tablet App vs. "Admin" Website



Tablet App

"Admin" Website

<https://www.raterpro.net>

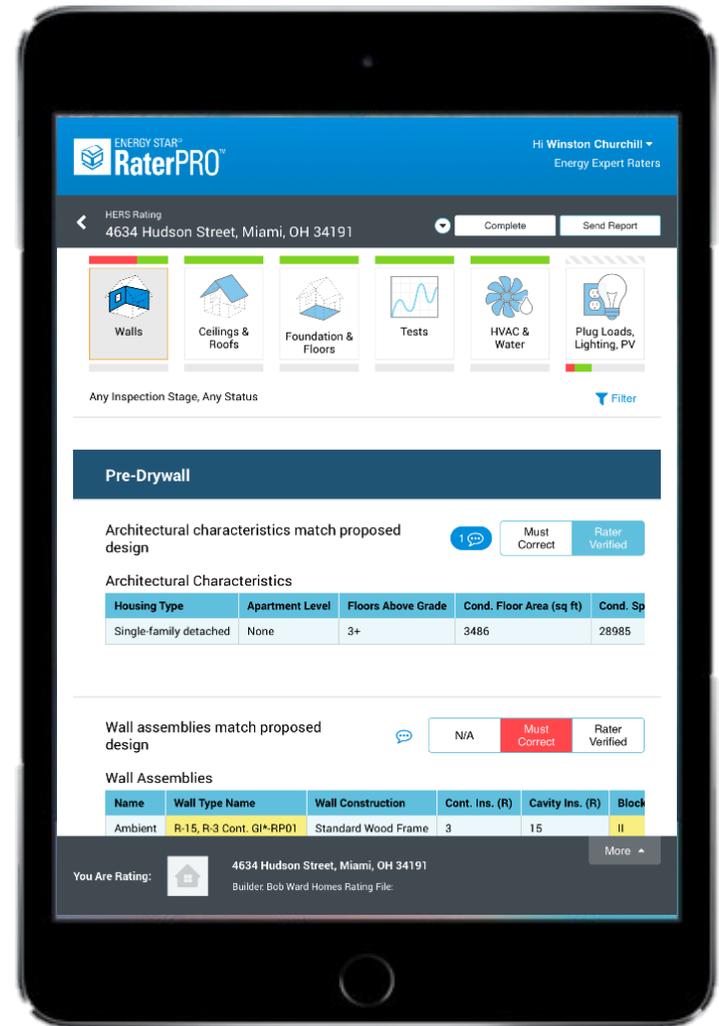
RaterPRO Workflow

1. Import specifications from projected rating files
2. Inspect home using RaterPRO tablet app
3. Export edits back to rating software to create confirmed ratings



RaterPRO Strengths

- Eliminates rater's back office time
- Built for the jobsite
- Powerful quality assurance



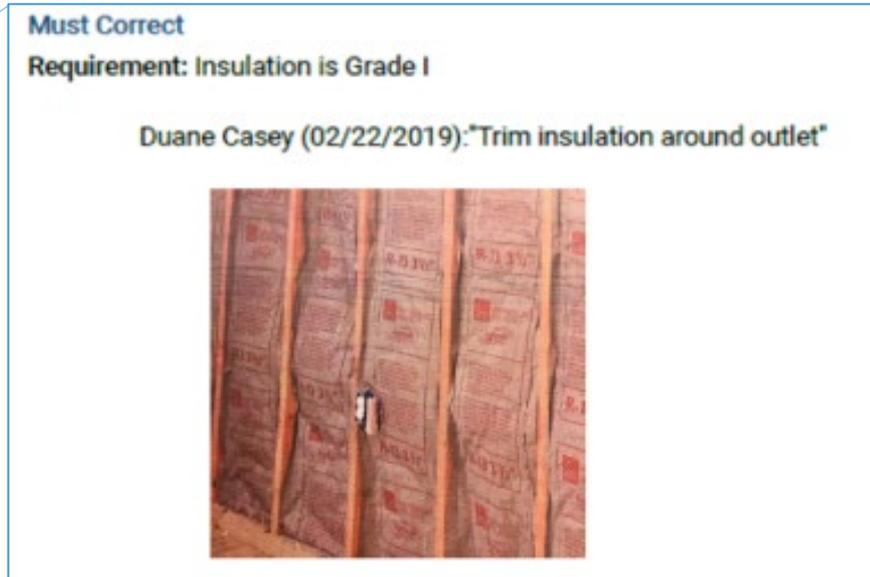
Eliminate Back Office Time

✓ Energy Star Rater Field Checklist is synced

Air sealing at penetrations, with blocking / flashing as needed		Builder Verified	Must Correct	Rater Verified	
Sill plates sealed to foundation / sub-floor, plus gasket beneath		N/A	Builder Verified	Must Correct	Rater Verified
Garage walls sealed, plus sealed air barrier at floor cavity above		N/A	Builder Verified	Must Correct	Rater Verified
Air barrier at walls behind showers, tubs, staircases, & fireplaces		N/A	Builder Verified	Must Correct	Rater Verified
Air barrier at walls adjoining porch roofs or garages		N/A	Builder Verified	Must Correct	Rater Verified
Air barrier at double-walls and all other exterior walls		Builder Verified	Must Correct	Rater Verified	

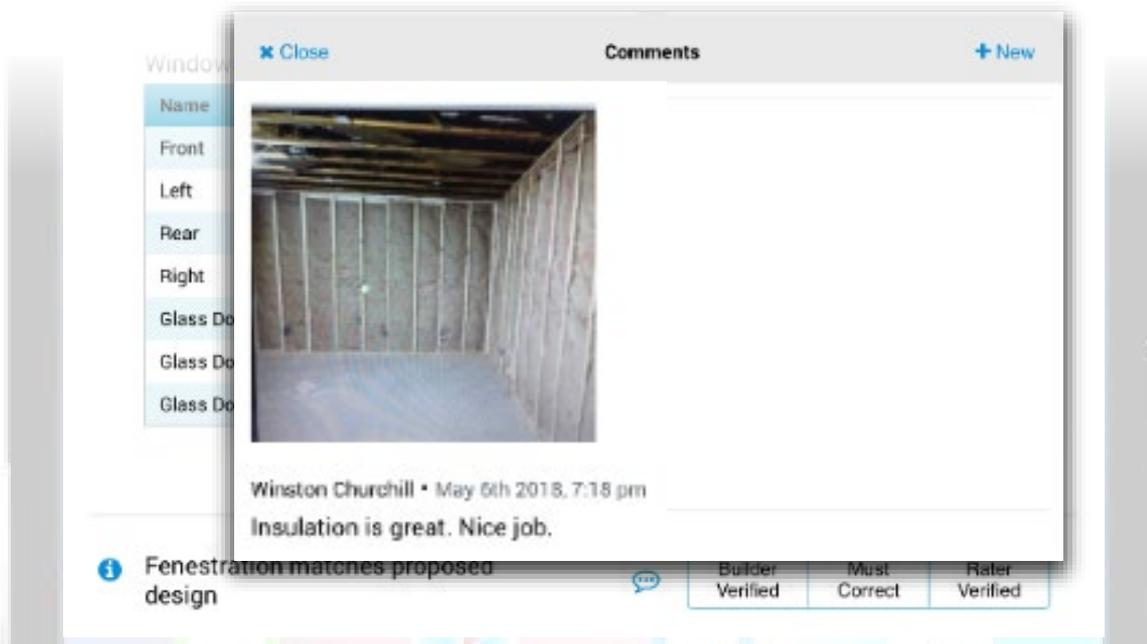
Eliminate Back Office Time

- ✓ Energy Star Rater Field Checklist is synced
- ✓ Punchlist sent to builder



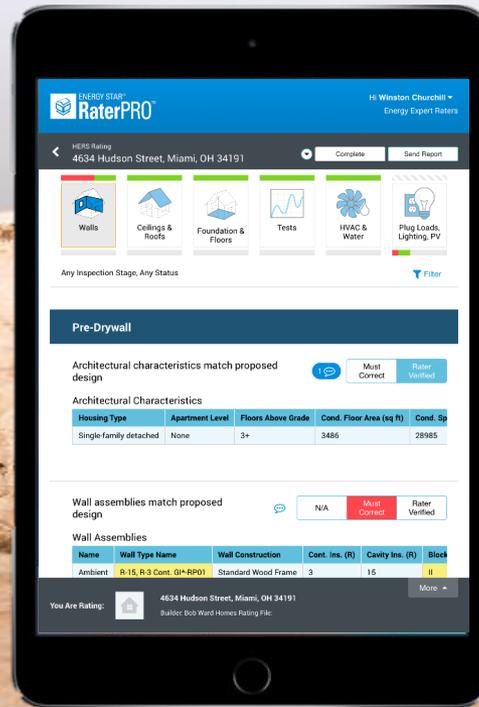
Eliminate Back Office Time

- ✓ Energy Star Rater Field Checklist is synced
- ✓ Punchlist sent to builder
- ✓ Photos and notes are automatically attached to the job



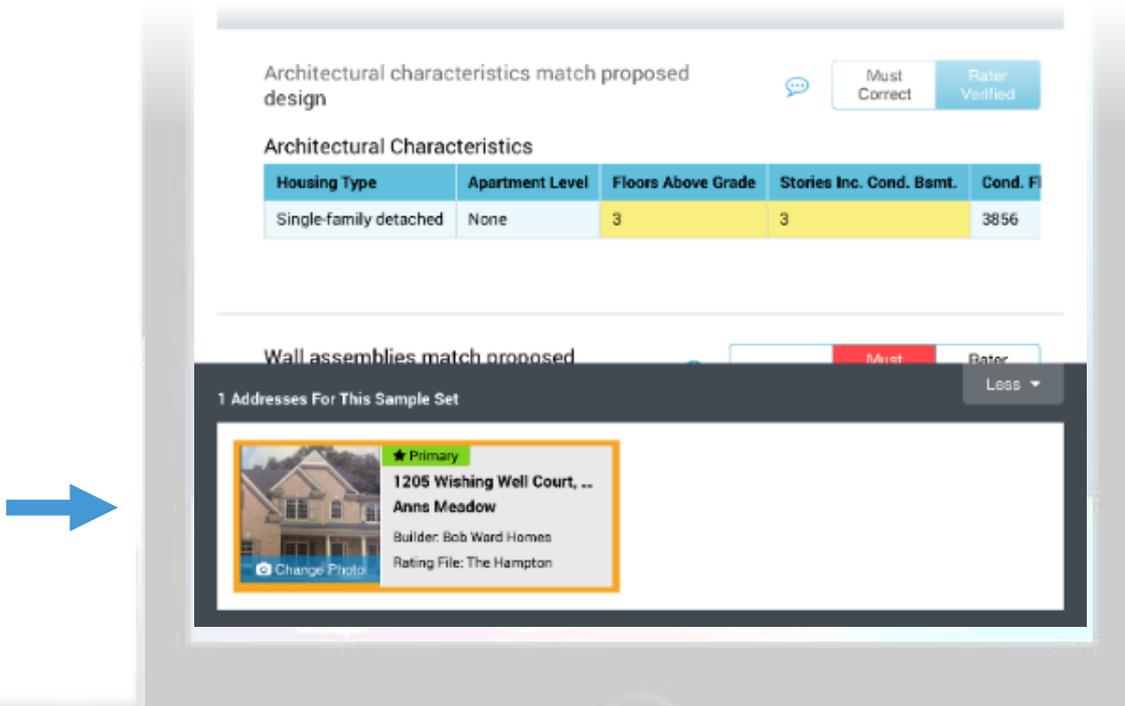
Built for the Jobsite

- Native app is fast and responsive
- Cloud-based, with ability to work offline



Powerful Quality Assurance

- Front elevation photo required



Architectural characteristics match proposed design Must Correct Rater Verified

Architectural Characteristics

Housing Type	Apartment Level	Floors Above Grade	Stories Inc. Cond. Bsmt.	Cond. F
Single-family detached	None	3	3	3856

Wall assemblies match proposed Must Rater

1 Addresses For This Sample Set Less

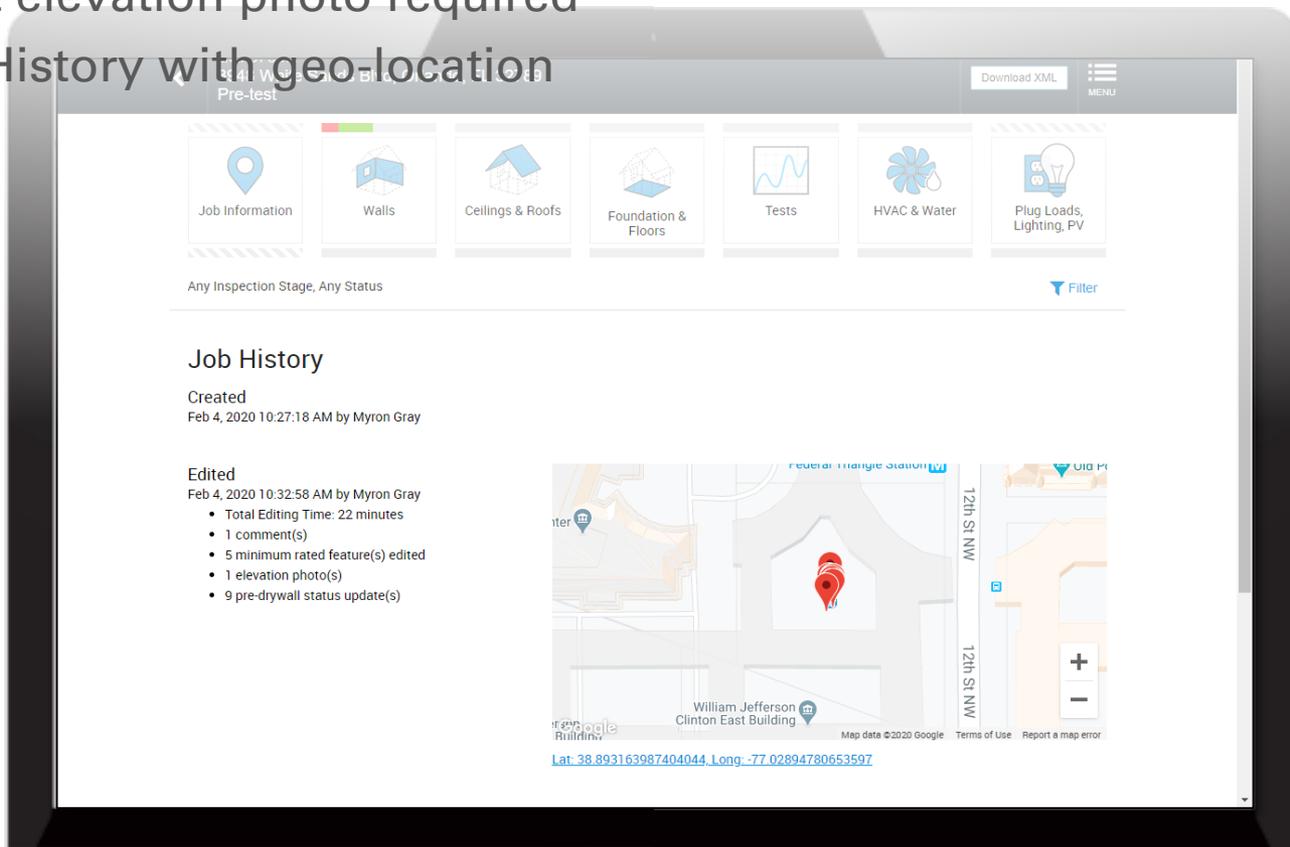


★ Primary
1205 Wishing Well Court, ...
Anns Mesadow
Builder: Bob Ward Homes
Rating File: The Hampton

Change Photo

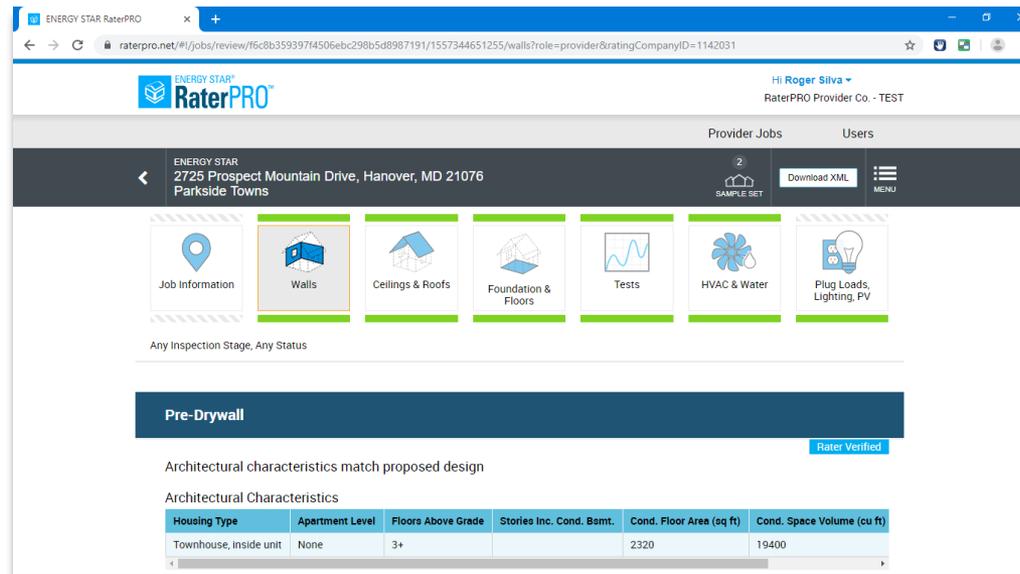
Powerful Quality Assurance

- Front elevation photo required
- Job History with geo-location



Powerful Quality Assurance

- Front elevation photo required
- Job History with geo-location
- Archival report provides permanent record
- Jobs can be shared with a rater's provider



ENERGY STAR RaterPRO

Hi Roger Silva
RaterPRO Provider Co. - TEST

Provider Jobs Users

ENERGY STAR
2725 Prospect Mountain Drive, Hanover, MD 21076
Parkside Towns

Download XML

SAMPLE SET MENU

Job Information Walls Ceilings & Roofs Foundation & Floors Tests HVAC & Water Plug Loads, Lighting, PV

Any Inspection Stage, Any Status

Pre-Drywall Rater Verified

Architectural characteristics match proposed design

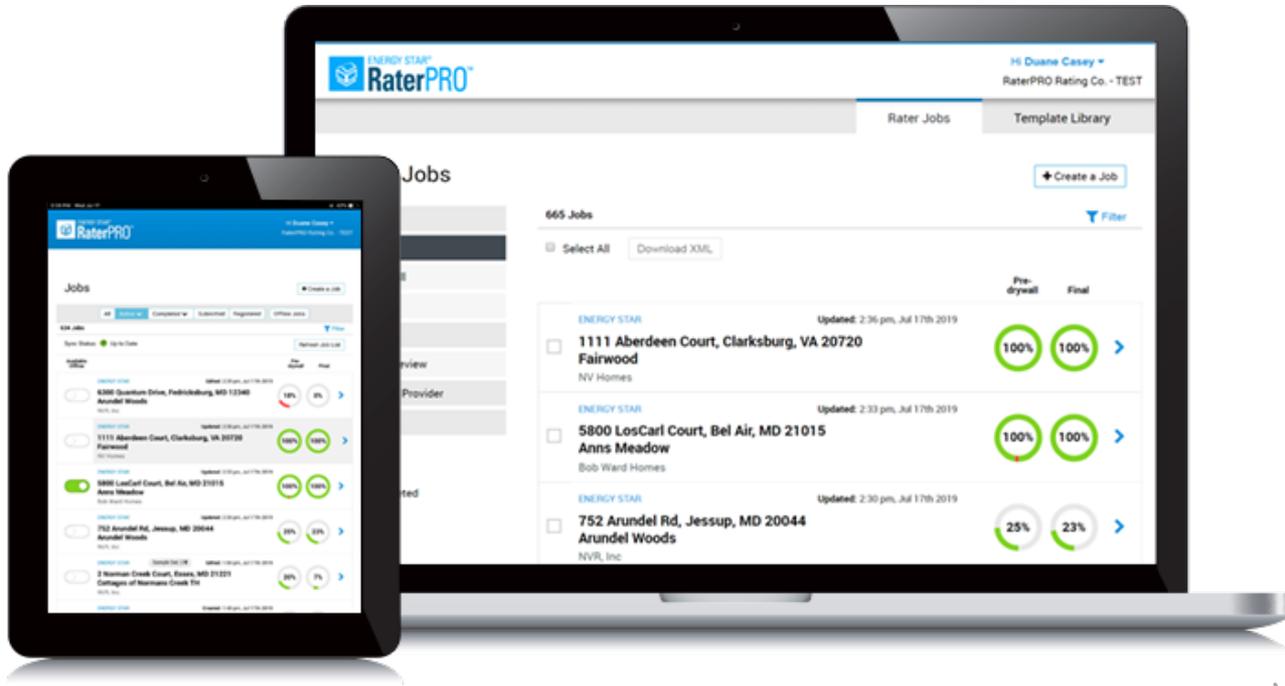
Architectural Characteristics

Housing Type	Apartment Level	Floors Above Grade	Stories Inc. Cond. Bsmt.	Cond. Floor Area (sq ft)	Cond. Space Volume (cu ft)
Townhouse, inside unit	None	3+		2320	19400

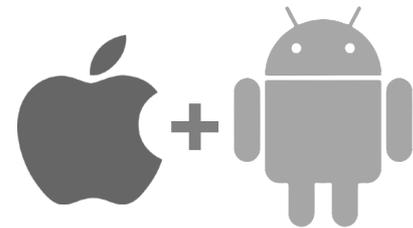


Part 2 Updates

ENERGY STAR® RaterPRO™



Version 1.0
Available Now!



Modeling Software Support

- **Today:** REM/Rate and Ekotrope via REM XML format

REM/RateTM

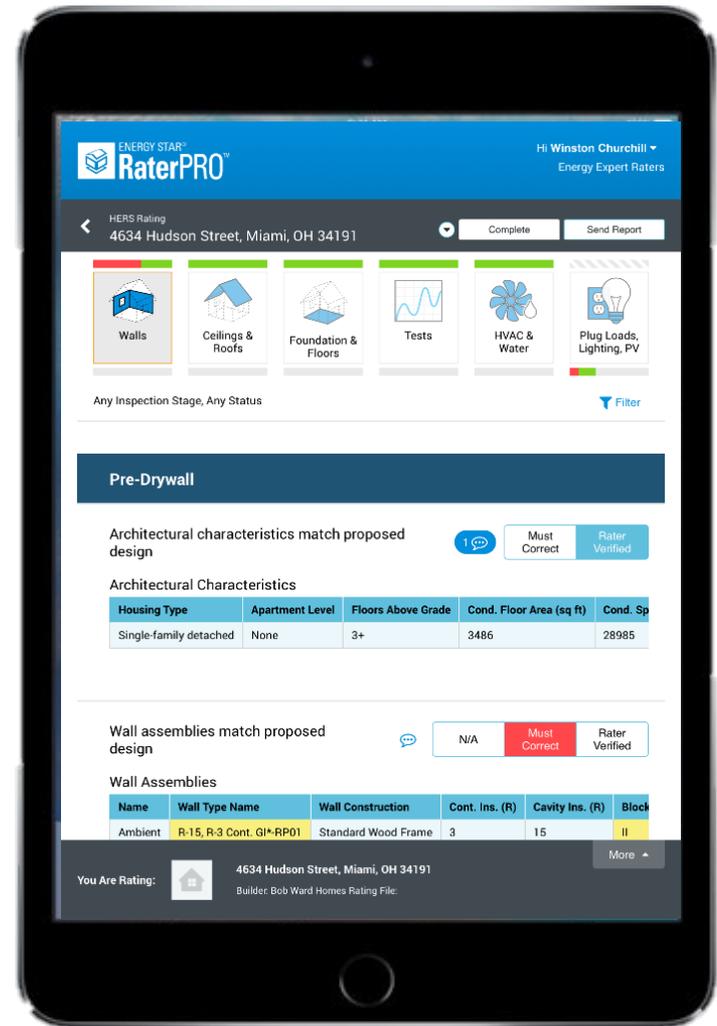
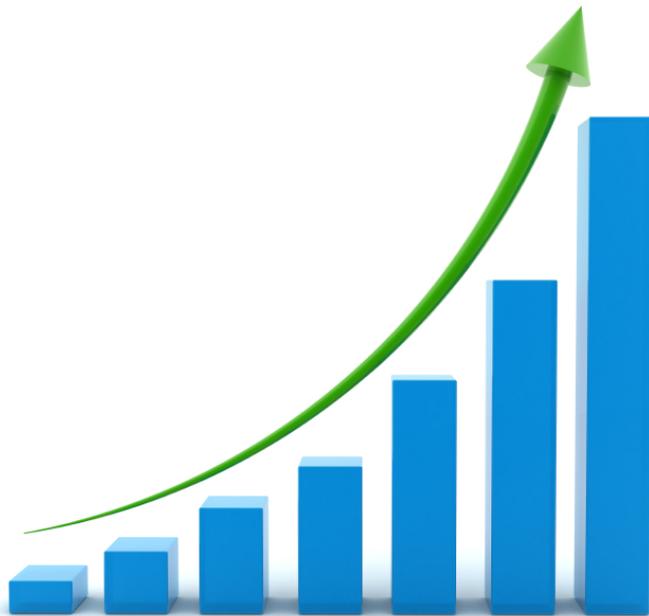
ekotrope 

- **Soon:** EnergyGauge via new format

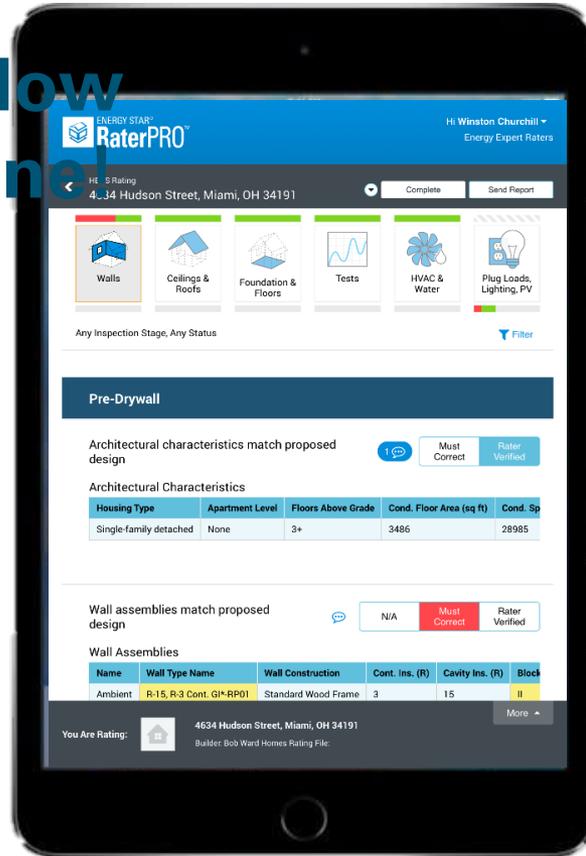
EnergyGauge[®]
Energy and Economic Analysis Software

RaterPRO Version 1.0

- **65** rater and provider companies
- Over **800** real-world jobs



Available Now on the Phone



Demo

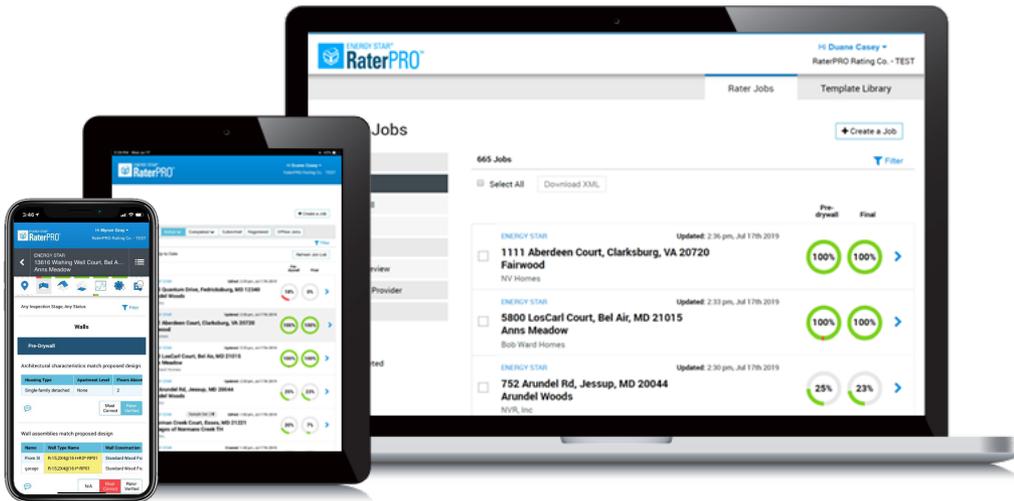


ENERGY STAR. The simple choice for energy efficiency.





ENERGY STAR® RaterPRO™



- Available to all raters and providers
- Completely **free**
- Phone version **available now!**

Join Today!

Visit: www.raterpro.net

Email: energystarhomes@energystar.gov

A photograph of a modern building facade with dark grey panels and light-colored horizontal siding. A semi-transparent red horizontal band is overlaid across the middle of the image, containing white text. The sky is blue with light clouds.

Part 3

Feature Walkthrough



Admin Home Page

The screenshot shows the ENERGY STAR RaterPRO Admin Home Page. The browser address bar indicates the URL is <https://www.raterpro.net/#!/jobs?status=Active>. The user is logged in as Hi Elliot Seibert at Mock Combined Company. The navigation menu includes Rater Jobs, Template Library, Provider Jobs, and Users. The Rater Jobs section is active, showing 7 jobs. A sidebar on the left provides filters for job status, including Active, Pre-drywall, Final, Completed, Internal Review, Submitted to Provider, Registered, Archived, and Recently Deleted. The main table lists jobs with their completion percentages for Pre-drywall and Final stages.

		Pre-drywall	Final	
<input type="checkbox"/>	5455 Wishing Well Court, Bel Air, MD 21014 Anns Meadow Bob Ward Homes	83%	0%	>
<input type="checkbox"/>	3948 White Sands Blvd, Orlando, FL 32789 Peninsula Homes	100%	0%	>
<input type="checkbox"/>	1205 Wishing Well Court, Bel Air, MD 21015 Anns Meadow Alex’s Homes	100%	92%	>
<input type="checkbox"/>	123 Apple St, TX Houston Hills, Lot 321 Astro Homes LLC	46%	0%	>

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User Roles

ENERGY STAR RaterPRO

Hi Elliot Seibert
Mock Combined Company 1

Rater Jobs Template Library Provider Jobs **Users**

Users

Users
Providers

Name	Email	Rater ID	Rater	Rater Admin	Provider
Jon Jonson	Yuantong.Lu@icf.c...	3334444	<input checked="" type="checkbox"/>	Admin & HERS R... <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Elliot Seibert	seibert.elliott@epa...	3335555	<input checked="" type="checkbox"/>	Admin & HERS R... <input checked="" type="checkbox"/>	<input type="checkbox"/>
Alejandro Quesada	Alejandro.Quesada...	3336666	<input type="checkbox"/>	Admin & HERS R... <input type="checkbox"/>	<input type="checkbox"/>
Yuantong Lu	Yuantong.Lu@icf.c...	3339999	<input type="checkbox"/>	Admin & HERS R... <input type="checkbox"/>	<input type="checkbox"/>

Save

(Requires Rater ID)



User Roles

- Available user list is based on My ENERGY STAR Account
- Three types of users:
 - **Rater Admins:** Creates jobs and reviews inspection results
 - Controls user permissions
 - **Raters:** Performs inspections and edits inspection checklist items
 - Access to mobile app
 - Can mark jobs as 'complete'
 - **Providers:** Review submitted jobs from rating companies
 - Also controls permissions
- All users in rating company can see all jobs



User Roles

ENERGY STAR RaterPRO

Hi Elliot Seibert
Mock Combined Company 1

Rater Jobs Template Library Provider Jobs **Users**

Users

Users
Providers

Name	Email	Rater ID	Rater	Rater Admin	Provider
Jon Jonson	Yuantong.Lu@icf.c...	3334444	<input checked="" type="checkbox"/>	Admin & HERS R... <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Elliot Seibert	seibert.elliott@epa...	3335555	<input checked="" type="checkbox"/>	Admin & HERS R... <input checked="" type="checkbox"/>	<input type="checkbox"/>
Alejandro Quesada	Alejandro.Quesada...	3336666	<input type="checkbox"/>	Admin & HERS R... <input type="checkbox"/>	<input type="checkbox"/>
Yuantong Lu	Yuantong.Lu@icf.c...	3339999	<input type="checkbox"/>	Admin & HERS R... <input type="checkbox"/>	<input type="checkbox"/>

Save

(Requires Rater ID)



User Roles

ENERGY STAR RaterPRO

Secure | https://www.raterpro.net/#1/users

Hi Elliot Seibert
Mock Combined Company 1

Rater Jobs Template Library Provider Jobs **Users**

Users

- Users
- Providers

Name	Email	Rater ID	Rater	Rater Admin	Provider
Jon Jonson	Yuantong.Lu@icf.c...	3334444	<input checked="" type="checkbox"/>	Admin & HERS R... <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Elliot Seibert	seibert.elliott@epa...	3335555	<input checked="" type="checkbox"/>	Admin & HERS R... <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Alejandro Quesada	Alejandro.Quesada...	3336666	<input type="checkbox"/>	Admin & HERS R... <input type="checkbox"/>	<input type="checkbox"/>
Yuantong Lu	Yuantong.Lu@icf.c...	3339999	<input type="checkbox"/>	Admin & HERS R... <input type="checkbox"/>	<input type="checkbox"/>

Save

Cannot edit own permissions. Ask another Admin to do so.

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Export Job from REM/Rate

The screenshot displays the REM/Rate v 15.4.1 software interface. The 'File' menu is open, and the 'Export Building to XML...' option is highlighted with a green arrow. The main window shows a building project named '508 Oak Lane_Chicago.blg'. The 'Analysis' panel on the right displays the following data:

Design Loads (kBtu/hr)	
Heating	0.0
Cooling	0.0

Annual Loads (MMBtu/yr)	
Heating	0.0
Cooling	0.0
Water Heating	0.0
WH w/out Ta...	0.0

Annual Consumption (MMBtu/yr)	
Heating	0.0
Cooling	0.0
Water Heating	0.0
Lights and App...	0.0
Photovoltaics	0.0
Total	0.0

Annual Energy Costs (\$/yr)	
Heating	0.0
Cooling	0.0
Water Heating	0.0
Lights and App...	0.0
Photovoltaics	0.0
Service Charge	0.0
Total	0.0

The bottom status bar shows 'Detailed Chicago, IL 05/23/18'.



Export Job from Ekotrope

The screenshot shows the Ekotrope web application interface. At the top, the browser address bar displays <https://app.ekotrope.com/#projectyL0VWVzv>. The application header includes the Ekotrope logo, user information (eseibert | U.S. EPA | Settings | Log out), and navigation tabs for My Projects and Component Library. The main content area features a project titled "untouched" with a "Punxsutawney, PA" location and "County: CHAUTAUQUA, Climate Zone: 5". A "Project Info" button and "Registry ID: Unregistered" are visible. A "Project Notes..." text area is on the right. Below the project details are three yellow buttons: "Analyze", "Submit Project" (with a download icon), and "Reports" (with a download icon). The "Building Designs" section shows a "Master Design" with a checked "untouched" status. A "Component Library" section contains icons for Walls, Windows/Glass Doors, Conditioning Equipment, Roof Insulation, Framed Floors, and Slabs. At the bottom of the interface, a toolbar includes an "Export REM/Rate XML" button, which is highlighted with a green arrow. The footer contains copyright information: © 2018 Ekotrope Inc. | Version 1.8.0.1933 | Contact Support.

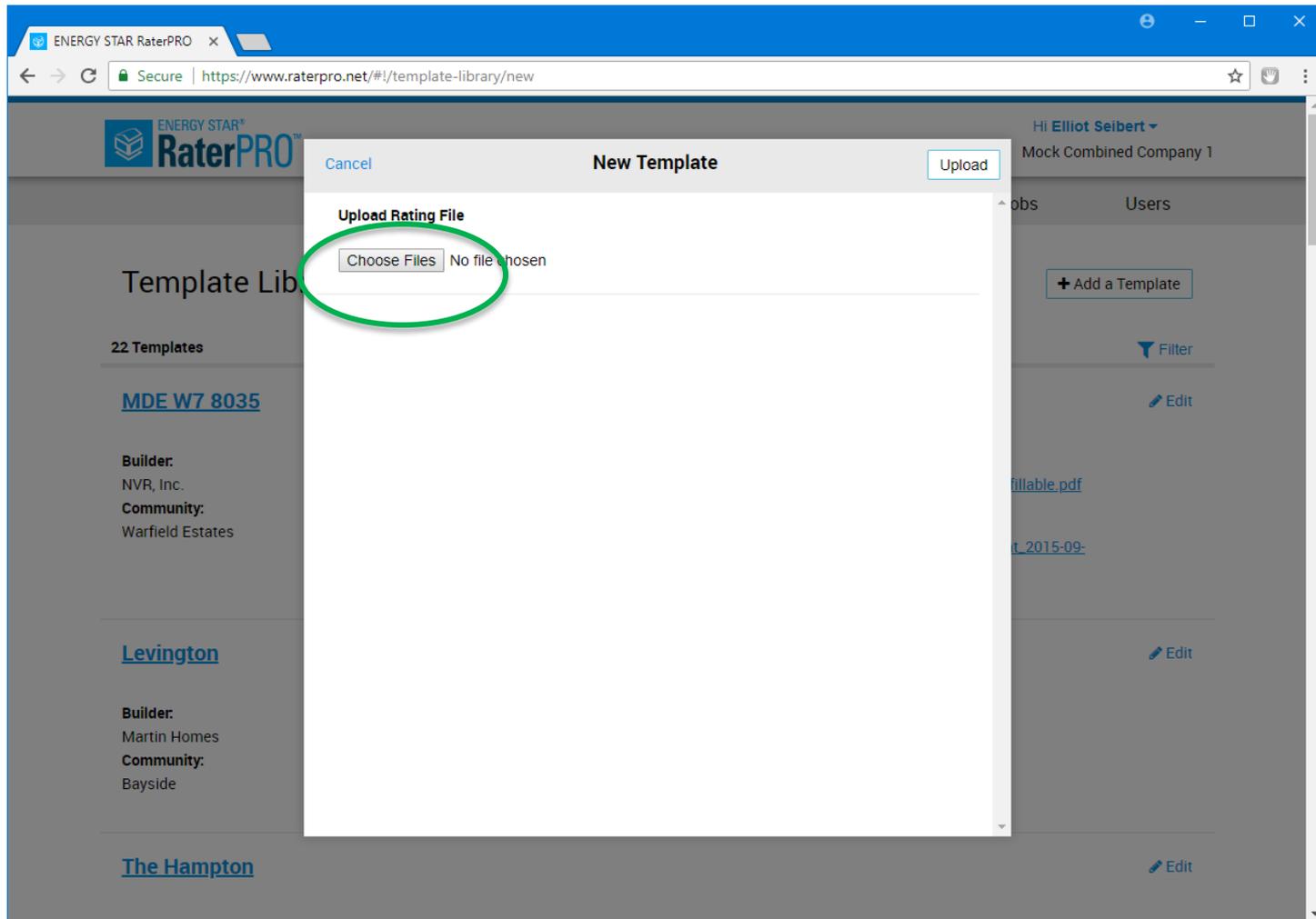


Create a new Template

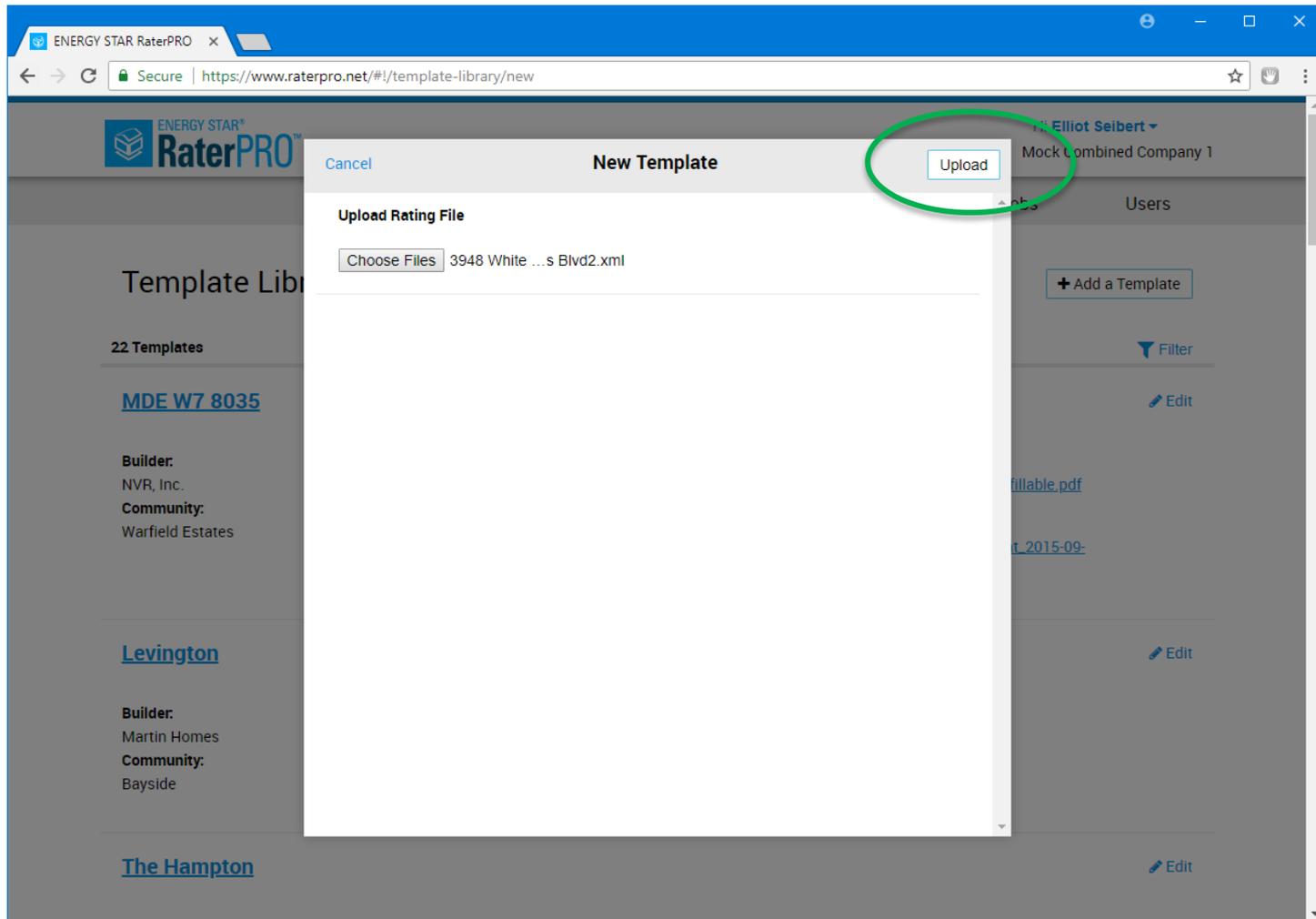
The screenshot shows the RaterPRO web application interface. At the top, there is a navigation bar with the RaterPRO logo on the left and the user's name 'Hi Elliot Seibert' and company 'Mock Combined Company 1' on the right. Below the navigation bar are four tabs: 'Rater Jobs', 'Template Library' (which is selected), 'Provider Jobs', and 'Users'. The main content area is titled 'Template Library' and shows a list of 22 templates. The first template is 'MDE W7 8035', which has an 'Edit' link. The second template is 'Levington', also with an 'Edit' link. The third template is 'The Hampton', with an 'Edit' link. A green circle highlights the '+ Add a Template' button in the top right corner of the template list area.



Create a new Template



Create a new Template





Create a new Template

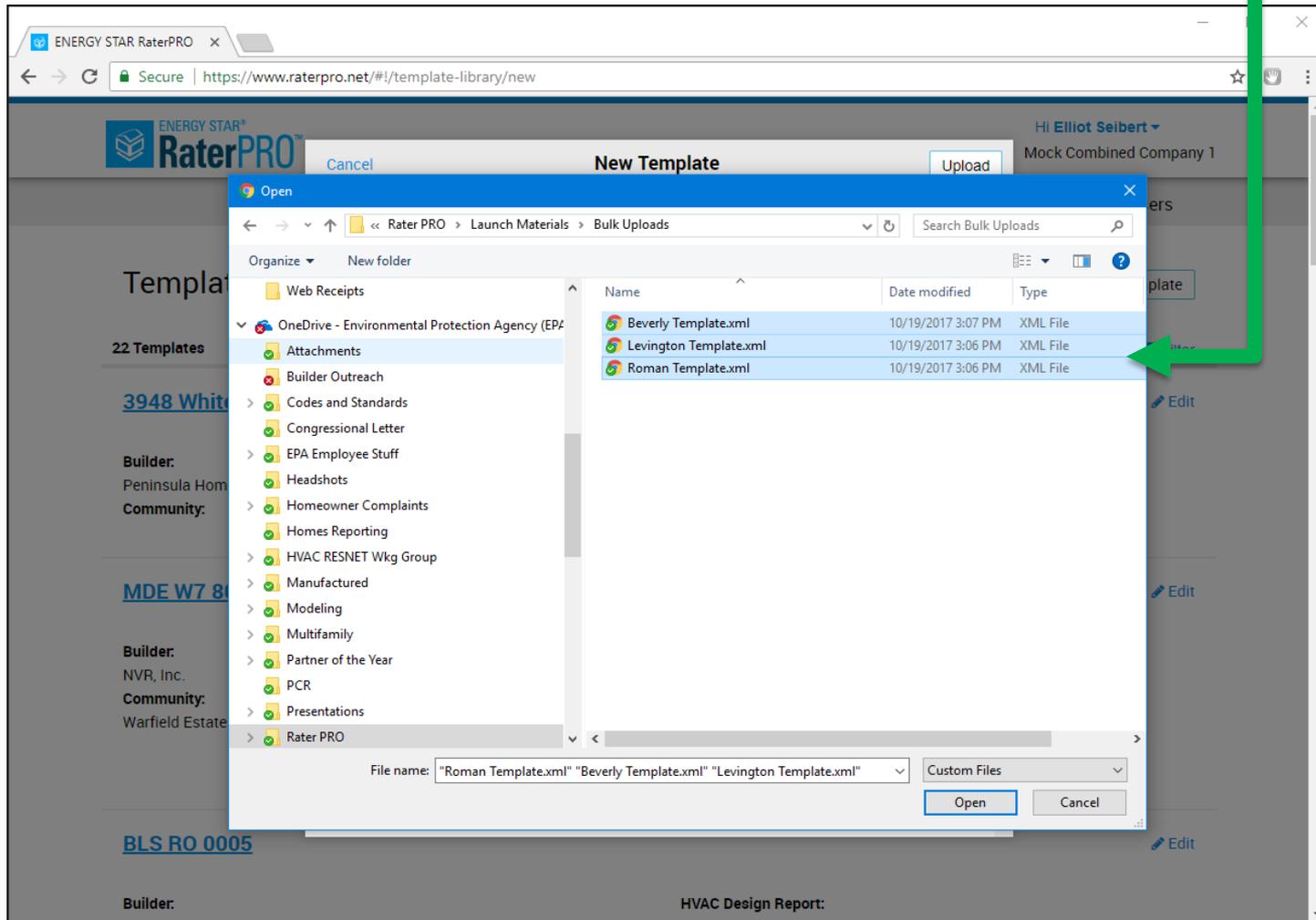
The screenshot shows the ENERGY STAR RaterPRO web application. A modal window titled "Template Information" is open, displaying details for a template named "3948 White Sands Blvd2.xml". The modal contains the following fields and sections:

- Template Name:** 3948 White Sands
- Sub-plan Name (optional):** (empty field)
- Builder:** Peninsula Homes
- Community Name:** (empty field)
- HVAC Design Report:** Upload HVAC Design Report
- Rater Design Review Checklist:** Upload Rater Design Review Checklist
- Buttons:** Delete This Template, Finish (circled in green)

On the left side of the background interface, a "Template Library" sidebar is visible with a list of templates. Green arrows point to the "3948 White Sands" template entry and its details, including the "Builder" (Peninsula Homes) and "Community" (Warfield Estates).

Bulk Upload Templates

Shift-select multiple files





Bulk Upload Templates

ENERGY STAR RaterPRO x

Secure | https://www.raterpro.net/#!/template-library/edit-bulk

Hi Elliot Seibert

Mock Combined Company 1

1/3

Template Information

Beverly Template.xml

Template Name	Sub-plan Name (optional)
<input type="text" value="Beverly"/>	<input type="text"/>
Builder	Community Name
<input type="text" value="Astro Homes"/>	<input type="text" value="Houston Hills"/>

HVAC Design Report

Rater Design Review Checklist

Template Library

22 Templates

[Roman Template](#)

Builder: Matrín Homes
Community: Cottages of Oakton

[Levington](#)

Builder: Martín Homes
Community: Bayside

[Beverly](#)

Builder: Astro Homes
HVAC Design Report:



Bulk Upload Templates

The screenshot shows the ENERGY STAR RaterPRO interface. A modal window titled "Beverly Template.xml" is open, displaying "2/3" in the top right corner. The modal contains the following fields and sections:

- Template Name:** Levington
- Sub-plan Name (optional):** (empty field)
- Builder:** Martin Homes
- Community Name:** Bayside
- HVAC Design Report:** Upload HVAC Design Report
- Rater Design Review Checklist:** Upload Rater Design Review Checklist

At the bottom of the modal, there are three buttons: "Previous", "Delete This Template", and "Accept All". The "Accept All" button is circled in green. A green arrow points to the "2/3" indicator in the top right of the modal.



Create a Job

The screenshot shows the ENERGY STAR RaterPRO interface. The user is logged in as 'Hi Elliot Seibert' for 'Mock Combined Company 1'. The 'Rater Jobs' tab is active, and a '+ Create a Job' button is highlighted with a green circle. Below the navigation bar, there are filters for job status: All, Active, Pre-drywall, Final, Completed, Internal Review, Submitted to Provider, Registered, Archived, and Recently Deleted. A table lists 7 jobs with their progress:

Job ID	Address	Pre-drywall	Final
5455 Wishing Well Court, Bel Air, MD 21014	Ann's Meadow Bob Ward Homes	83%	0%
3948 White Sands Blvd, Orlando, FL 32789	Peninsula Homes	100%	0%
1205 Wishing Well Court, Bel Air, MD 21015	Ann's Meadow Alex’s Homes	100%	92%
123 Apple St, TX Houston Hills, Lot 321	Astro Homes LLC	46%	0%



Create a Job



ENERGY STAR RaterPRO x

Secure | https://www.raterpro.net/#1/jobs/new/

ENERGY STAR RaterPRO™

Hi Elliot Seibert ▾
Mock Combined Company 1

Create a Job

Rating Type: ENERGY STAR Rating | HERS Rating Only

Sample Set:

Rating File: Add ▾
From Computer
From Template Library

Builder: Builder

Location:
Street Address
City | State | Zip Code
OR
Community Name | Lot #
OR
Manual Identifier



Create a Job

ENERGY STAR RaterPRO

Hi Elliot Seibert
Mock Combined Company 1

Create a Job

Rating Type: ENERGY STAR Rating | HERS Rating Only

Sample Set:

Rating File: Add 3948 White Sands

Builder: Peninsula Homes

Location: 3948 White Sands Blvd

Orlando FL 32789

OR

Beverly Hills Lot #

OR

Manual Identifier



Create a Job

ENERGY STAR RaterPRO

Hi Elliot Seibert
Mock Combined Company 1

Location: 3948 White Sands Blvd
Orlando FL 32789
OR Beverly Hills Lot #
OR Manual Identifier

Export Filename: C_3948_White_Sands_Bldv_20180523

HVAC Design Report Add

Rater Design Review Checklist Add

Create Cancel



Create a Job

The screenshot shows the ENERGY STAR RaterPRO interface. The browser address bar displays <https://www.raterpro.net/#!/jobs?status=Active>. The user is logged in as Hi Elliot Seibert at Mock Combined Company 1. The main navigation includes Rater Jobs, Template Library, Provider Jobs, and Users. The Rater Jobs section shows 8 jobs with a 'Create a Job' button and a 'Filter' option. A sidebar on the left lists job statuses: All, Active, Pre-drywall, Final, Completed, Internal Review, Submitted to Provider, Registered, Archived, and Recently Deleted. A green arrow points to the 'Completed' status. The job list includes:

		Pre-drywall	Final	
<input type="checkbox"/>	3948 White Sands Blvd, Orlando, FL 32789 Peninsula Homes	0%	0%	>
<input type="checkbox"/>	5455 Wishing Well Court, Bel Air, MD 21014 Anns Meadow Bob Ward Homes	83%	0%	>
<input type="checkbox"/>	3948 White Sands Blvd, Orlando, FL 32789 Peninsula Homes	100%	0%	>
<input type="checkbox"/>	1205 Wishing Well Court, Bel Air, MD 21015 Anns Meadow Alex’s Homes	100%	92%	>

Mobile App





ENERGY STAR
RaterPRO

Hi Elliot Seibert
Mock Combined Company 1

Jobs

[+ Create a Job](#)

All Active Completed Submitted Registered Offline Jobs

4 Jobs [Filter](#)

Sync Status: Up to Date [Refresh Job List](#)

Available Offline		Pre-drywall	Final	
<input type="checkbox"/>	<p><small>ENERGY STAR</small></p> <p>123 Apple St, TX Houston Hills, Lot 321 Astro Homes LLC</p> <p><small>Updated response: 12:21 pm, Apr 30th 2018</small></p>	<div><div style="width: 44%;">44%</div></div>	<div><div style="width: 0%;">0%</div></div>	>
<input checked="" type="checkbox"/>	<p><small>ENERGY STAR</small></p> <p>14719 Lear Court, Glenelg, MD 21737 Warfield Estates NVR, Inc.</p> <p><small>Created: 1:47 pm, Apr 25th 2018</small></p>	<div><div style="width: 0%;">0%</div></div>	<div><div style="width: 0%;">0%</div></div>	>
<input checked="" type="checkbox"/>	<p><small>ENERGY STAR</small></p> <p>14719 Lear Court, Glenelg, MD 21737 Warfield Estates NVR, Inc.</p> <p><small>Created: 12:25 pm, Apr 20th 2018</small></p>	<div><div style="width: 0%;">0%</div></div>	<div><div style="width: 0%;">0%</div></div>	>
<input checked="" type="checkbox"/>	<p><small>HERS Rating</small></p> <p>1205 Wishing Well Court, Bel Air, MD 21015 Anns Meadow Bob Ward Homes</p> <p><small>Updated response: 9:40 am, Apr 20th 2018</small></p>	<div><div style="width: 37%;">37%</div></div>	<div><div style="width: 0%;">0%</div></div>	>

1



Make Jobs Available Offline

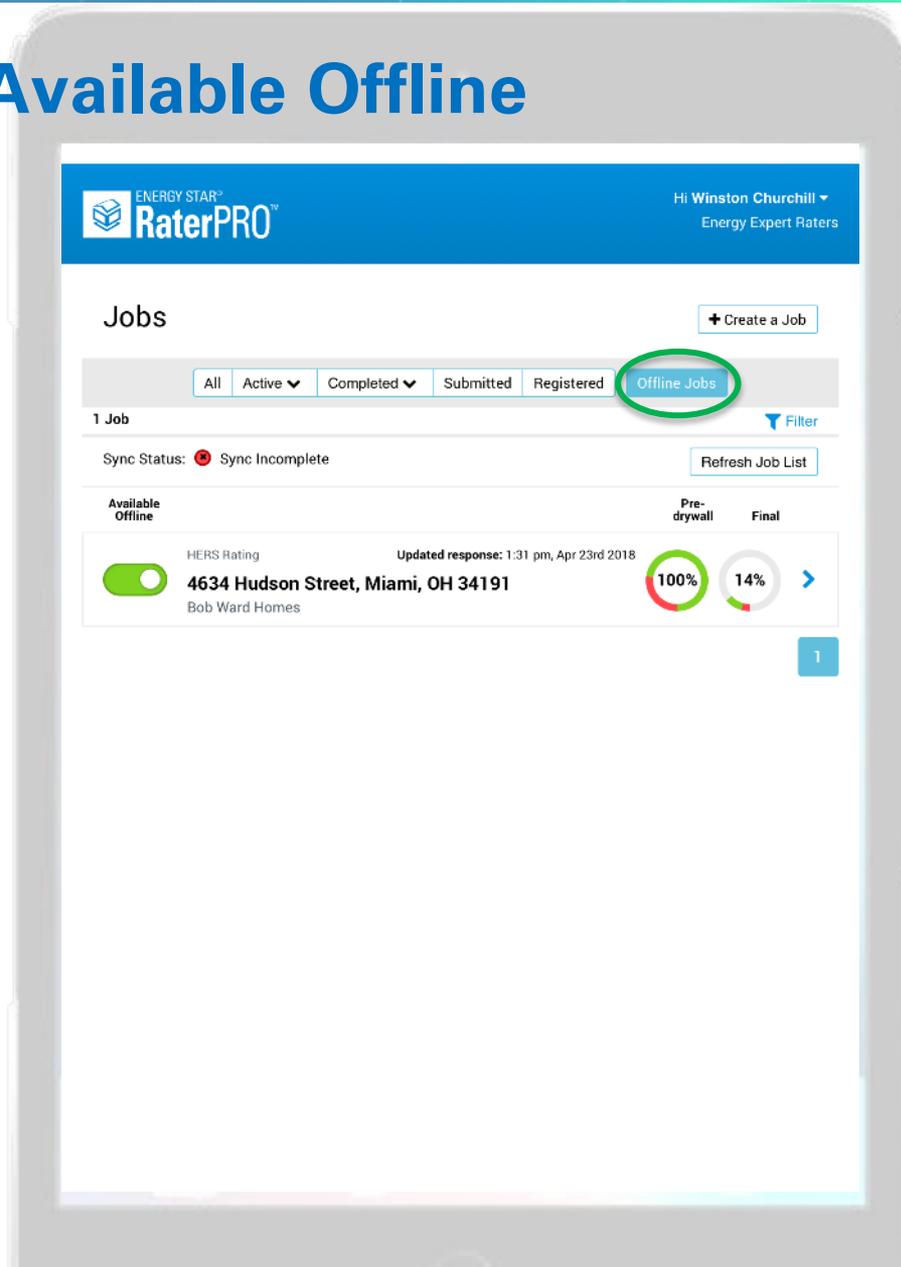
Toggle jobs you'll work on today

The screenshot shows the RaterPRO mobile app interface. At the top, it displays the Verizon logo, signal strength, time (7:12 PM), and battery level (77%). The app header includes the ENERGY STAR logo, the RaterPRO logo, and the user's name (Hi Winston Churchill) and title (Energy Expert Raters). Below the header, there's a 'Jobs' section with a '+ Create a Job' button. A filter bar shows 'All', 'Active', 'Completed', 'Submitted', 'Registered', and 'Offline Jobs'. Below the filter bar, it says '78 Jobs' and 'Filter'. A 'Sync Status' section shows 'Sync Incomplete' with a red dot and a 'Refresh Job List' button. The main content is a list of jobs, each with a toggle switch, address, and progress indicators for 'Pre-drywall' and 'Final' stages. The second job, '4634 Hudson Street, Miami, OH 34191', has its toggle switch turned on and is circled in green. The progress indicators for this job show 100% for Pre-drywall and 14% for Final. Other jobs in the list have various progress levels and some have their toggle switches turned off.

Available Offline	Address	Pre-drywall	Final
<input type="checkbox"/>	123 Apple Lane, Abilene, TX 12345 DR Horton Houston	0%	0%
<input checked="" type="checkbox"/>	4634 Hudson Street, Miami, OH 34191 Bob Ward Homes	100%	14%
<input type="checkbox"/>	3975 Fair Ridge Drive, Ste T15S, Greenville, OH 65748 Musical Street, Lot 887 Lloyd Frank Leift	100%	100%
<input type="checkbox"/>	21 Byte Court, Suite A, Franklin, MD 58121 Musical Street, Lot 834 NVR, Inc	100%	14%
<input type="checkbox"/>	4634 Hudson Street, Franklin, MD 75568 NVR, Inc	0%	0%
<input type="checkbox"/>	3975 Fair Ridge Drive, Ste T15S, Greenville, NC 56890 Arbiter Arbitred, Lot 901 NVR, Inc	0%	0%
<input type="checkbox"/>	3975 Fair Ridge Drive, Ste T15S, Franklin, NC 66726	0%	0%



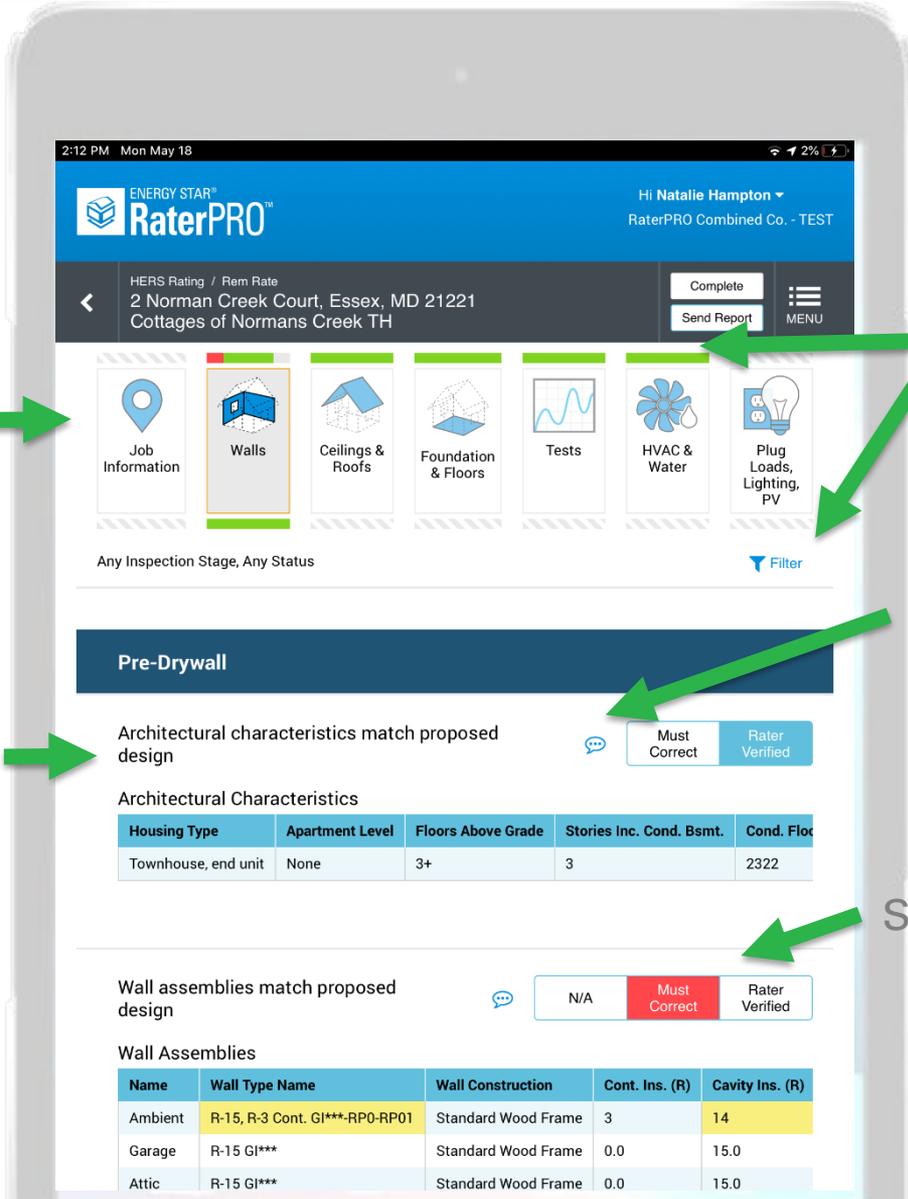
Make Jobs Available Offline



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Job Details



By area in the house

Completion percentages

Comments

Minimum rated features and ENERGY STAR Checklist Items

Status



Job Details

2:12 PM Mon May 18

ENERGY STAR[®] **RaterPRO**[™] Hi Natalie Hampton
RaterPRO Combined Co. - TEST

HERS Rating / Rem Rate
2 Norman Creek Court, Essex, MD 21221
Cottages of Normans Creek TH

Complete Send Report MENU

Job Information Walls Ceilings & Roofs Foundation & Floors Tests HVAC & Water Plug Loads, Lighting, PV

Any Inspection Stage, Any Status Filter

Pre-Drywall

Architectural characteristics match proposed design Must Correct Rater Verified

Architectural Characteristics

Housing Type	Apartment Level	Floors Above Grade	Stories Inc. Cond. Bsmt.	Cond. Floor
Townhouse, end unit	None	3+	3	2322

← →

Wall assemblies match proposed design N/A Must Correct Rater Verified

Wall Assemblies

Name	Wall Type Name	Wall Construction	Cont. Ins. (R)	Cavity Ins. (R)
Ambient	R-15, R-3 Cont. GI***-RP0-RP01	Standard Wood Frame	3	14
Garage	R-15 GI***	Standard Wood Frame	0.0	15.0
Attic	R-15 GI***	Standard Wood Frame	0.0	15.0

Scroll left-right in tables



Filter List

The screenshot shows the RaterPRO mobile app interface. At the top, the status bar displays '2:13 PM Mon May 18' and '2%' battery. The app header includes the ENERGY STAR logo, 'RaterPRO', and user information: 'Hi Natalie Hampton' and 'RaterPRO Combined Co. - TEST'. Below the header, the address is '2 Norman Creek Court, Essex, MD 21221 Cottages of Normans Creek TH'. There are buttons for 'Complete', 'Send Report', and 'MENU'. A navigation bar contains icons for 'Job Information', 'Walls', 'Ceilings & Roofs', 'Foundation & Floors', 'Tests', 'HVAC & Water', and 'Plug Loads, Lighting, PV'. The 'Walls' icon is highlighted. Below the navigation bar, the text 'Any Inspection Stage, Any Status' is displayed, with a 'Filter' button circled in green. A filter modal is open, showing 'Pre-Drywall' as the selected inspection stage. The modal has 'Close' and 'Filter' buttons. It lists 'Inspection Stage' with options 'Any', 'Pre-Drywall', and 'Final'. Under 'Status', there are options 'Any', 'To-do', and 'Must Correct'. Below the modal, the text 'Wall assemblies match proposed design' is shown with a speech bubble icon and a status bar containing 'N/A', 'Must Correct', and 'Rater Verified'. The 'Wall Assemblies' section contains a table with the following data:

Name	Wall Type Name	Wall Construction	Cont. Ins. (R)	Cavity Ins. (R)
Ambient	R-15, R-3 Cont. GI***-RP0-RP01	Standard Wood Frame	3	14
Garage	R-15 GI***	Standard Wood Frame	0.0	15.0
Attic	R-15 GI***	Standard Wood Frame	0.0	15.0



Filter List

The screenshot shows the RaterPRO mobile application interface. At the top, the status bar displays '2:13 PM Mon May 18' and '2%' battery. The app header includes the ENERGY STAR logo, 'RaterPRO', and user information: 'Hi Natalie Hampton' and 'RaterPRO Combined Co. - TEST'. Below the header, the job details are: 'HERS Rating / Rem Rate', '2 Norman Creek Court, Essex, MD 21221', and 'Cottages of Normans Creek TH'. There are buttons for 'Complete', 'Send Report', and 'MENU'. A row of icons represents different inspection categories: Job Information, Walls (highlighted), Ceilings & Roofs, Foundation & Floors, Tests, HVAC & Water, and Plug Loads, Lighting, PV. Below this is a filter bar with 'Any Inspection Stage, Any Status' and a 'Filter' button. A filter overlay is open, showing 'Pre-Drywall' selected under 'Inspection Stage' and 'Any' under 'Status'. A green arrow points to the 'Filter' button in the overlay. Below the overlay, the text 'Wall assemblies match proposed design' is shown with a status indicator 'N/A Must Correct Rater Verified'. A table titled 'Wall Assemblies' is displayed at the bottom.

Name	Wall Type Name	Wall Construction	Cont. Ins. (R)	Cavity Ins. (R)
Ambient	R-15, R-3 Cont. GI***-RP0-RP01	Standard Wood Frame	3	14
Garage	R-15 GI***	Standard Wood Frame	0.0	15.0
Attic	R-15 GI***	Standard Wood Frame	0.0	15.0



Edit Minimum Rated Feature

2:14 PM Mon May 18

HERS Rating / Rem Rate
 2 Norman Creek Court, Essex, MD 21221
 Cottages of Normans Creek TH

Complete
 Send Report MENU

Windows match proposed design

N/A Must Correct Rater Verified

Windows

Name	Window Type Name	U-Value	SHGC	Area (sq ft)	Orientation	Overhang Depth (ft)
Front	Window .30/.20***	0.300	0.200	84.0	Southwest	0.0
Rear	Window .30/.20***	0.300	0.200	94.0	Northeast	0.0
Left	Window .30/.20***	0.300	0.200	93.0	Northwest	0.0
Rear	Slider .28/.22***	0.280	0.220	42.0	Northeast	0.0
Left	Slider .28/.22***	0.280	0.220	42.0	Northwest	0.0

Doors match proposed design

N/A Must Correct Rater Verified

Doors

Name	Door Type Name	R-Value of Opaque Area	Storm Door?	Opaque Area (sq ft)
Front Door	Therma-Tru Fiberglas***	5.30	No	21.0
Garage	Steel-urth w/brk	4.40	No	21.0

Final

Interior mass matches proposed design

N/A Must Correct Rater Verified



Edit Minimum Rated Feature

2:14 PM Mon May 18

HERS Rating / Item Rate

2 Norman Creek Court, Essex, MD 21221

Complete

Cancel Edit Windows Save

Name	<input type="text" value="Rear"/>	Window Type Name	<input type="text" value="Window .30/.20***"/>
U-Value	<input type="text" value="0.3"/>	SHGC	<input type="text" value="0.2"/>
Area (sq ft)	<input type="text" value="94"/>	Orientation	<input type="text" value="Northeast"/>
Overhang Depth (ft)	<input type="text" value="0"/>	Overhang to Top of Window (ft)	<input type="text" value="0"/>
Overhang to Bottom of Window (ft)	<input type="text" value="0"/>	Interior Shading Winter	<input type="text" value="0.85"/>
Interior Shading Summer	<input type="text" value="0.7"/>	Adjacent Shading Winter	<input type="text" value="None"/>
Adjacent Shading Summer	<input type="text" value="None"/>		

Front Door	Therma-tru Fiberglass	3.30	No	21.0
Garage	Steel-urth w/brk	4.40	No	21.0

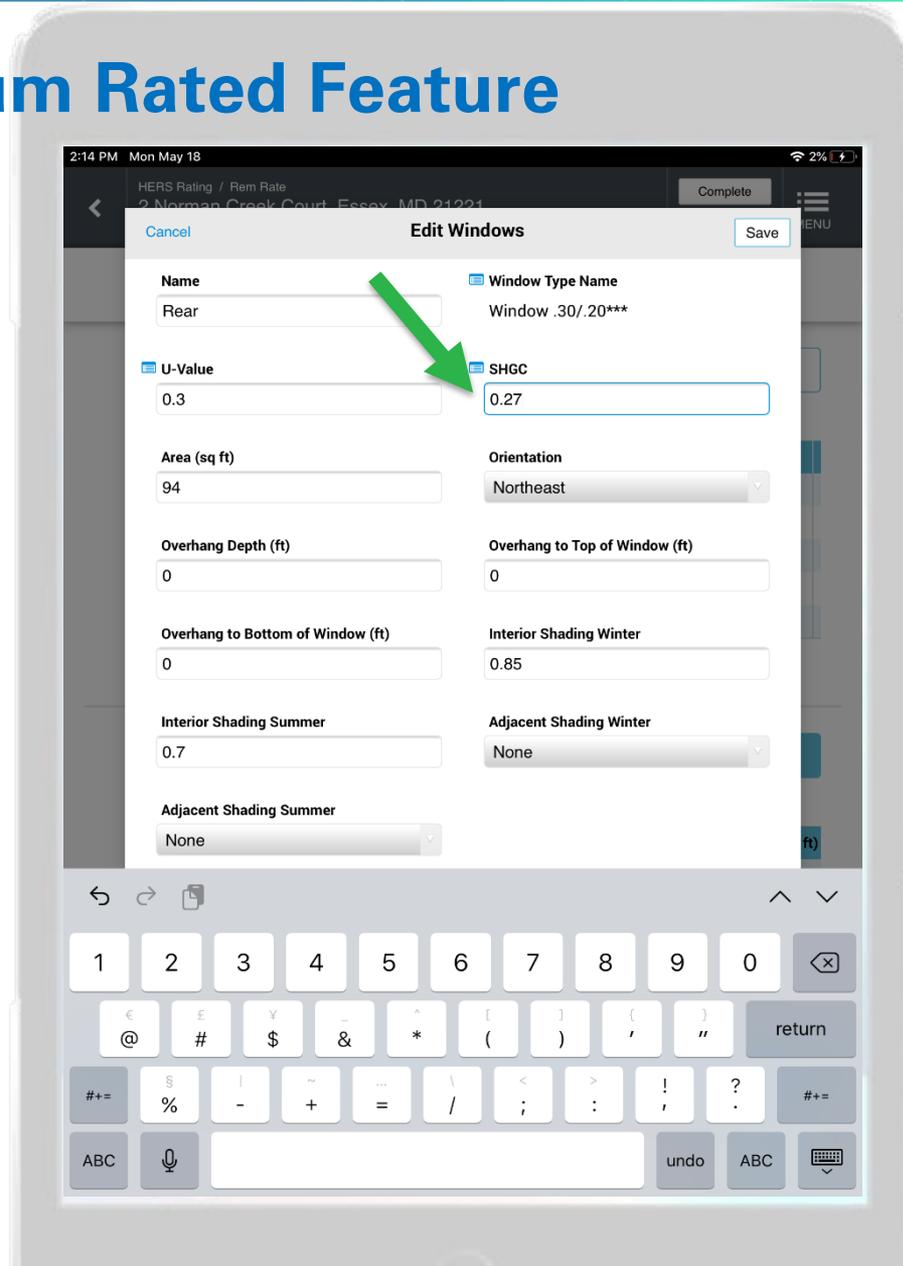
Final

Interior mass matches proposed design

N/A Must Correct Rater Verified



Edit Minimum Rated Feature



Edit Minimum Rated Feature

2:15 PM Mon May 18

HERS Rating / Rem Rate
2 Norman Creek Court, Essex, MD 21221
Cottages of Normans Creek TH

Complete Send Report MENU

Windows match proposed design N/A **Must Correct** Rater Verified

Windows

Name	Window Type Name	U-Value	SHGC	Area (sq ft)	Orientation	Overhang Depth (ft)
Front	Window .30/.20***	0.300	0.200	84.0	Southwest	0.0
Rear	Window .30/.20***-RP01	0.3	0.27	94	Northeast	0
Left	Window .30/.20***	0.300	0.200	93.0	Northwest	0.0
Rear	Slider .28/.22***	0.280	0.220	42.0	Northeast	0.0
Left	Slider .28/.22***	0.280	0.220	42.0	Northwest	0.0

Doors match proposed design N/A **Must Correct** Rater Verified

Doors

Name	Door Type Name	R-Value of Opaque Area	Storm Door?	Opaque Area (sq ft)
Front Door	Therma-Tru Fiberglas***	5.30	No	21.0
Garage	Steel-urth w/brk	4.40	No	21.0

Final

Interior mass matches proposed design N/A **Must Correct** Rater Verified





Mark Verification Status

2:15 PM Mon May 18

HERS Rating / Rem Rate
2 Norman Creek Court, Essex, MD 21221
Cottages of Normans Creek TH

Complete
Send Report MENU

Location, 3D Models, Energy Star, Performance, Climate, Smart Thermostat, Lightbulb

Left	Slider .28/.22***	0.280	0.220	42.0	Northwest	0.0
------	-------------------	-------	-------	------	-----------	-----

Doors match proposed design 🗨️ N/A Must Correct Rater Verified

Doors

Name	Door Type Name	R-Value of Opaque Area	Storm Door?	Opaque Area (sq ft)
Front Door	Therma-Tru Fiberglas***	5.30	No	21.0
Garage	Steel-urth w/brk	4.40	No	21.0

Final

Interior mass matches proposed design 🗨️ N/A Must Correct Rater Verified

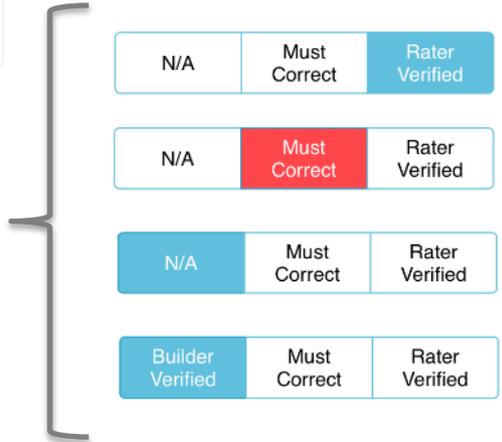
Drywall Thickness

Drywall Thickness (in)

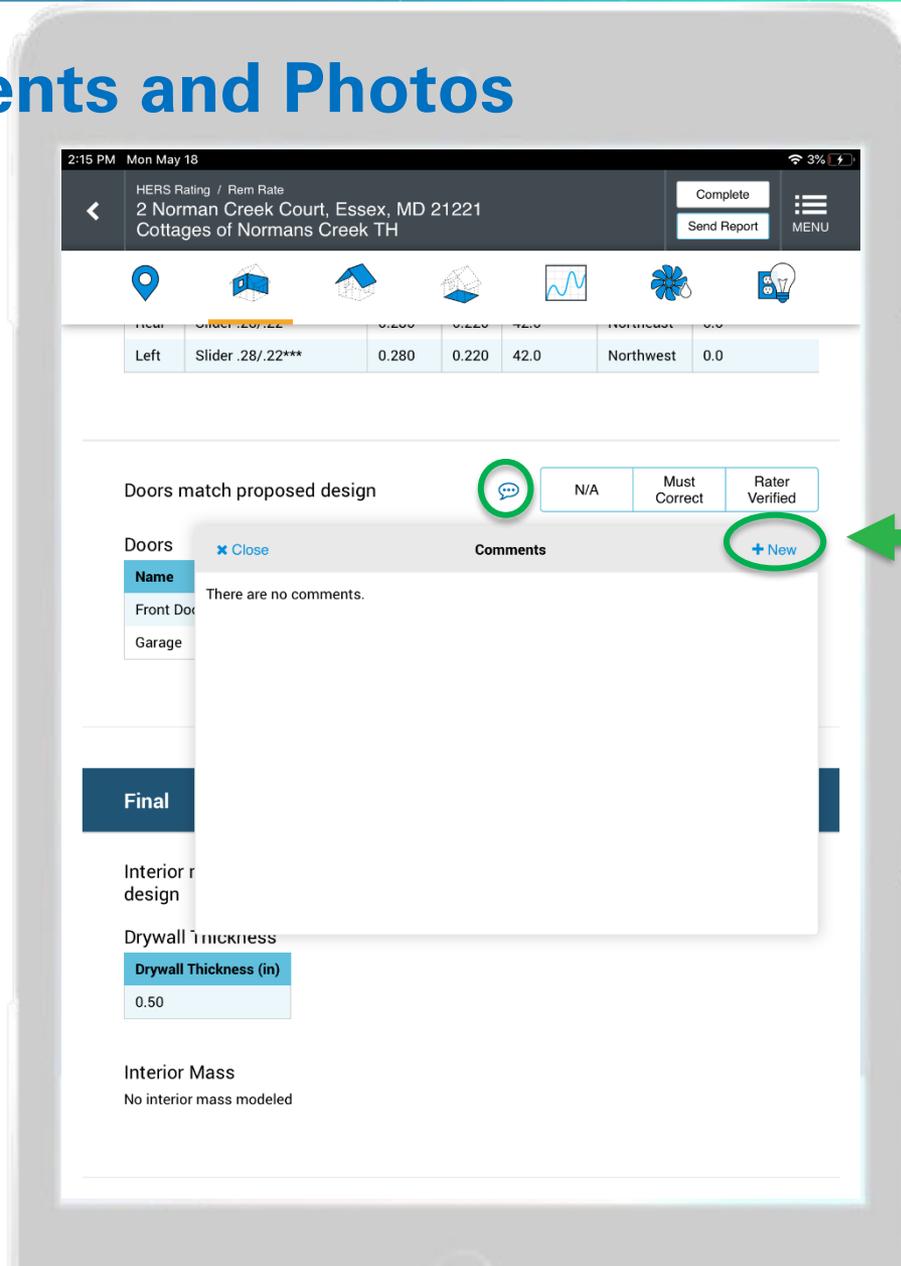
0.50

Interior Mass

No interior mass modeled

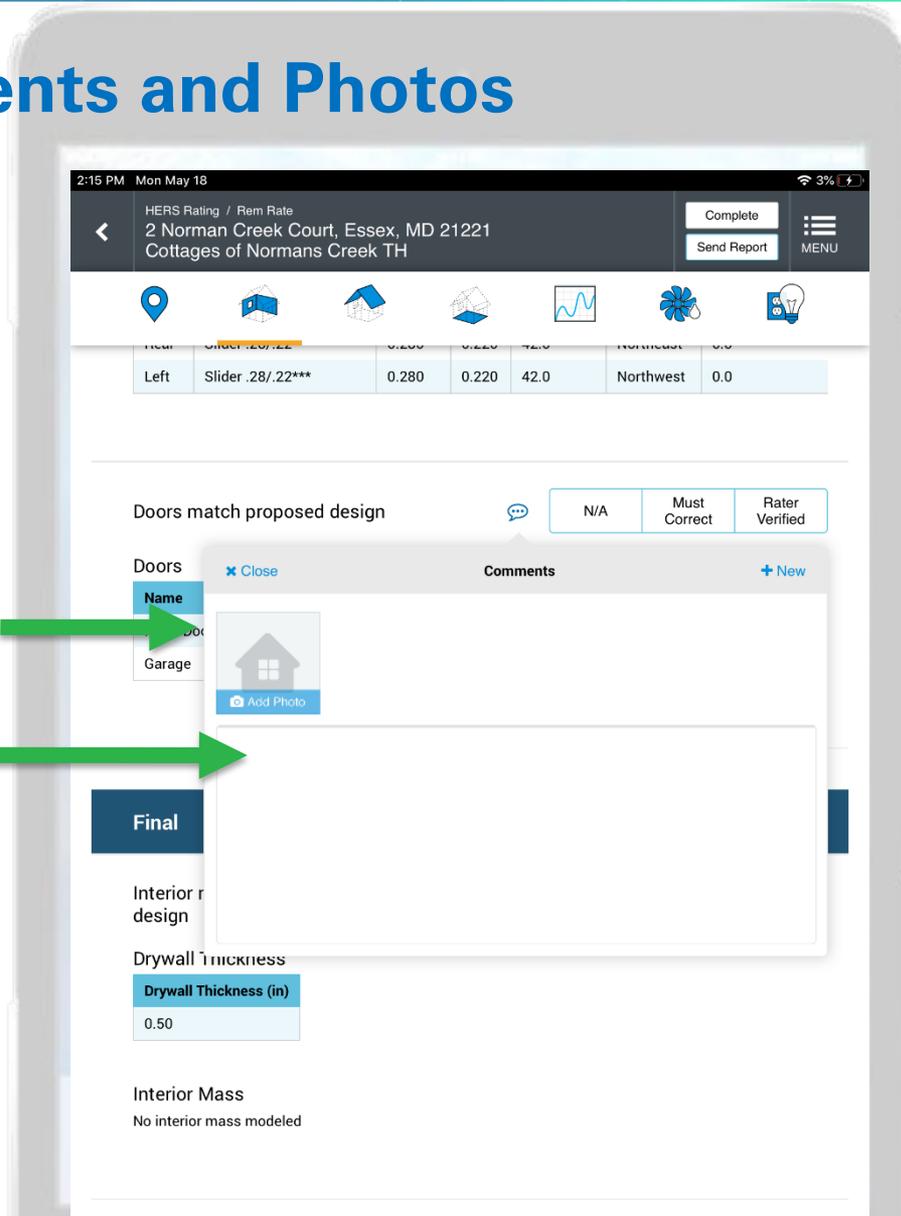


Add Comments and Photos





Add Comments and Photos

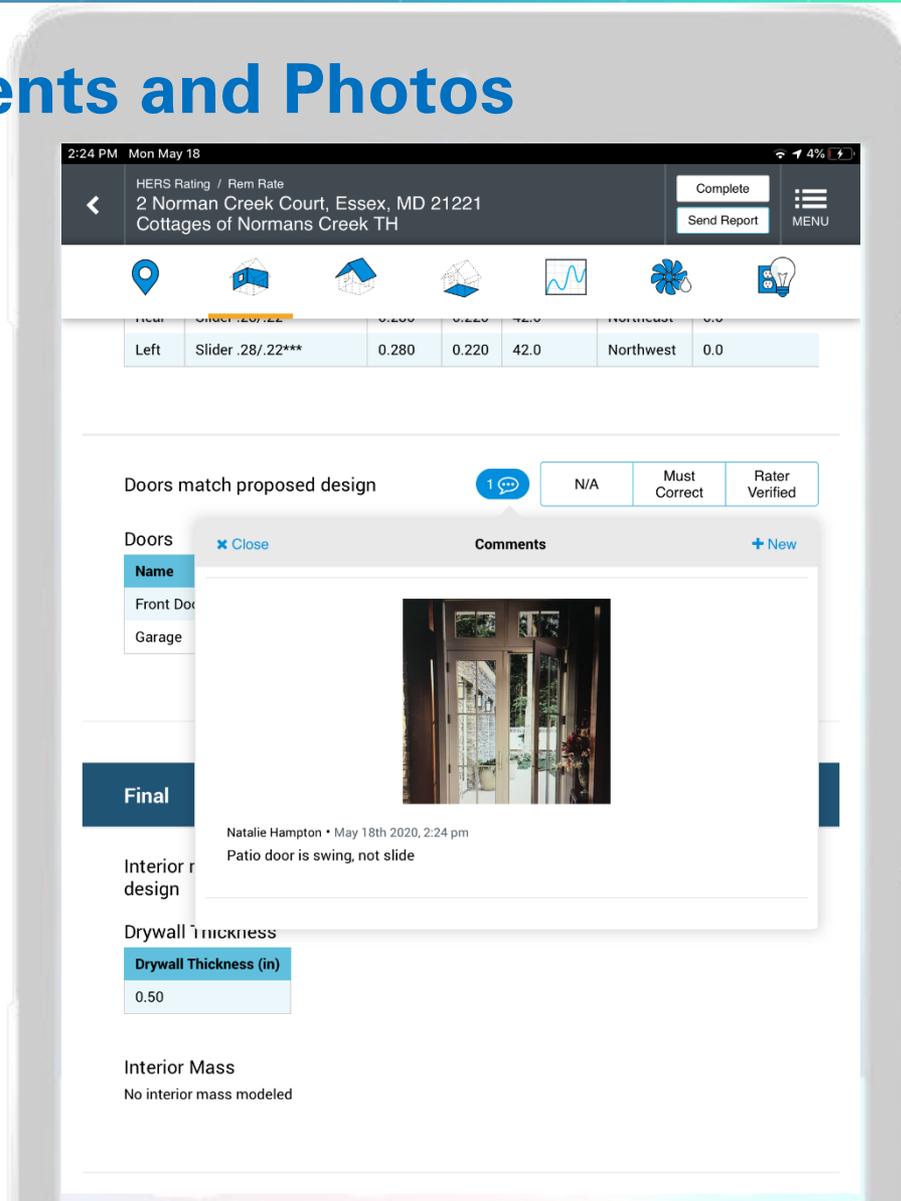


Add Photo

Add note

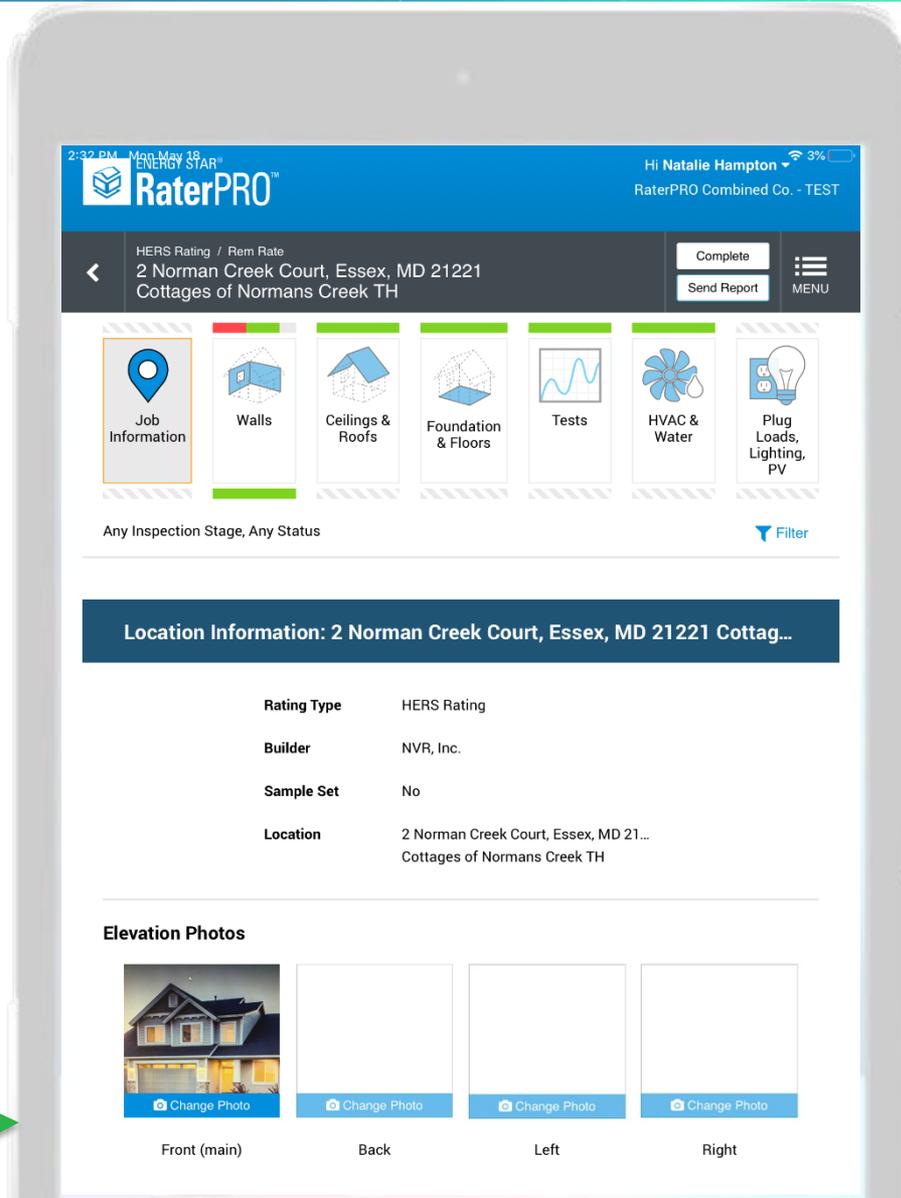


Add Comments and Photos



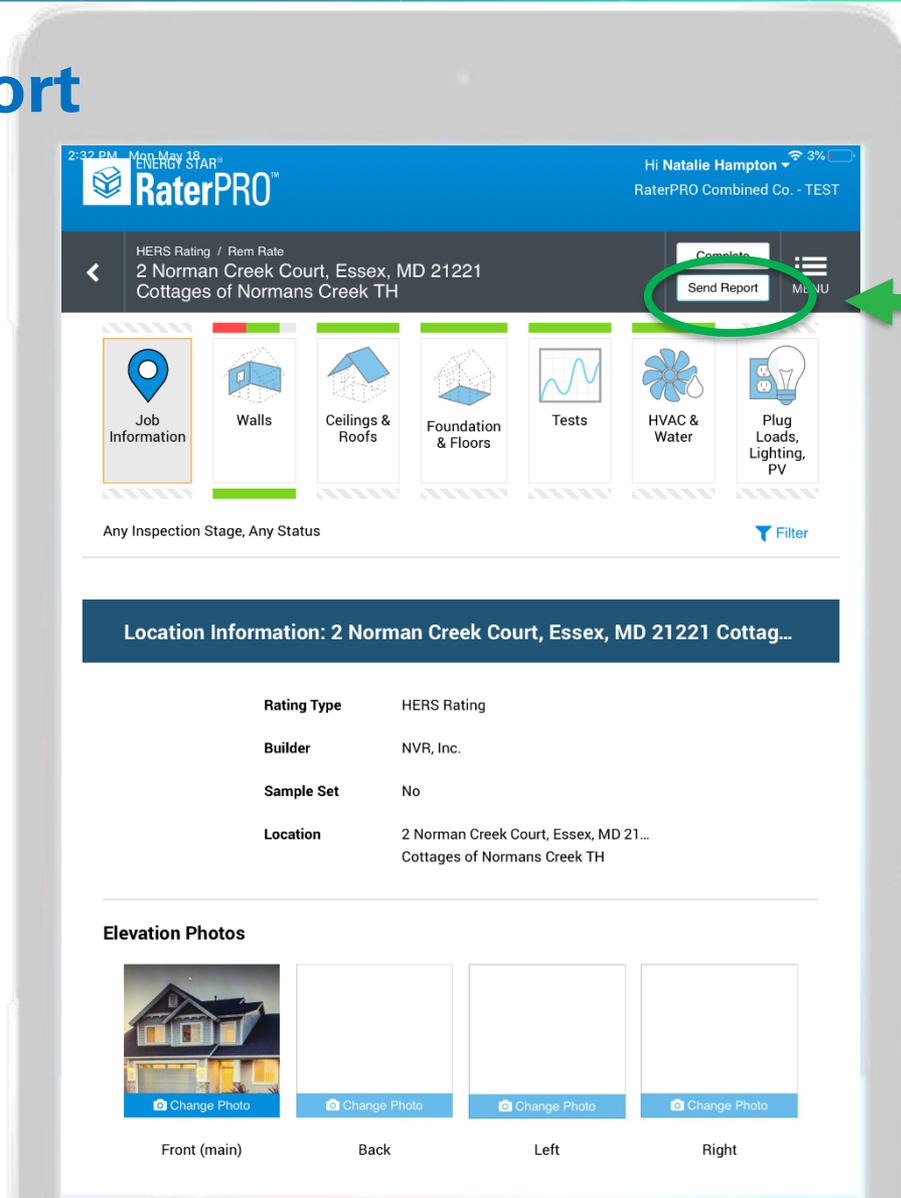


Front Photo



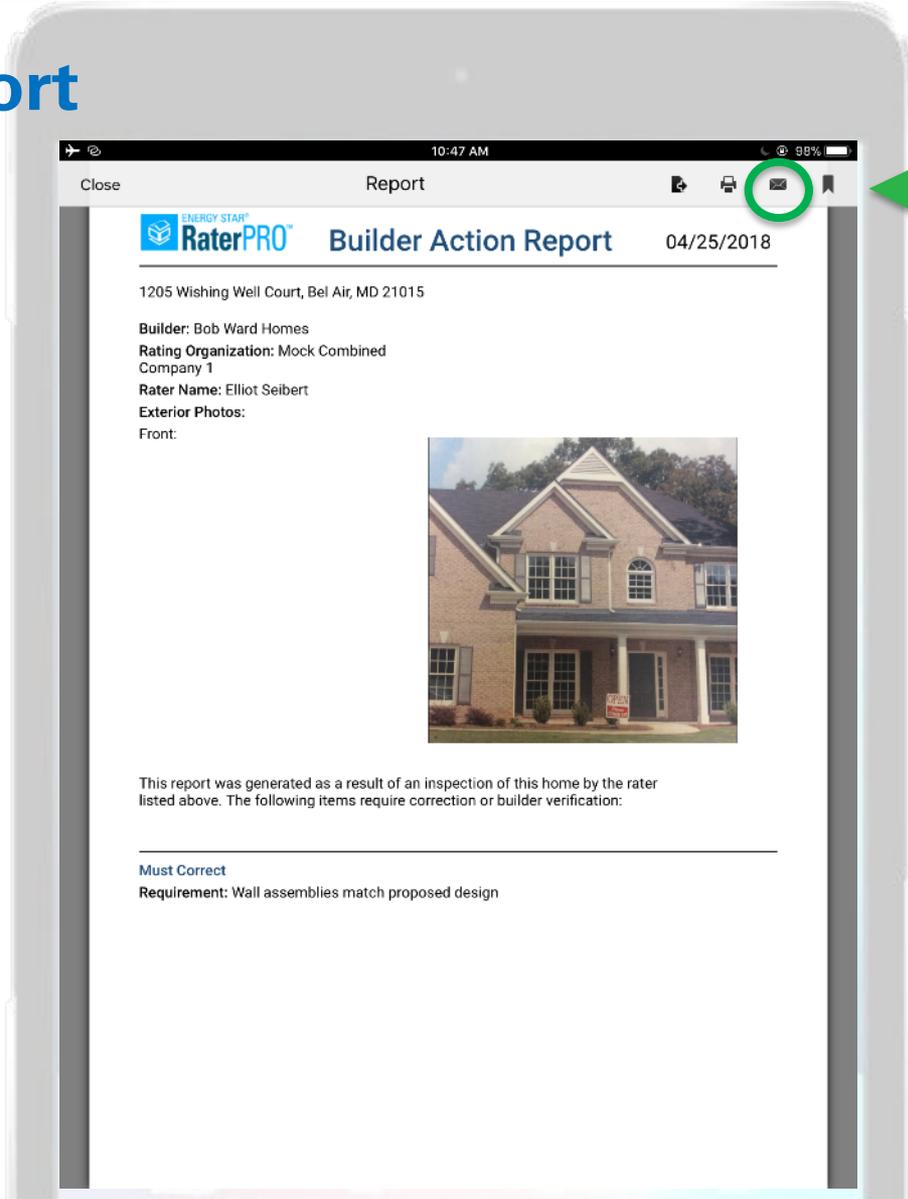


Builder Report





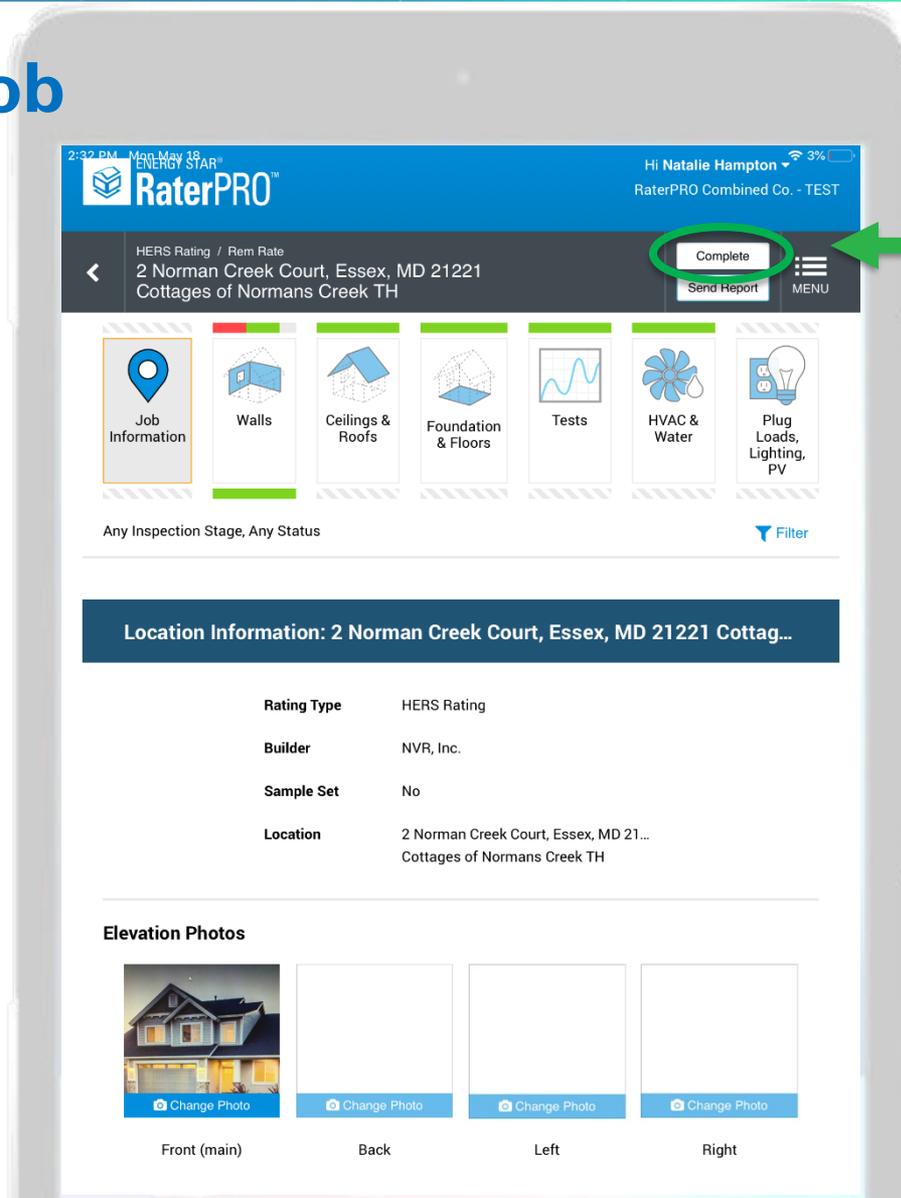
Builder Report



Share via e-mail
(Will use default
e-mail program)



Complete Job



ENERGY STAR. The simple choice for energy efficiency.





Review a Job

The screenshot shows the ENERGY STAR RaterPRO interface. The browser address bar displays the URL: <https://www.raterpro.net/#/!jobs?status=Active>. The user is logged in as **Hi Elliot Seibert** from **Mock Combined Company 1**. The main navigation includes **Rater Jobs**, **Template Library**, **Provider Jobs**, and **Users**. A **+ Create a Job** button is visible in the top right.

The **Rater Jobs** section features a left-hand filter menu with categories: **All**, **Active** (selected), **Pre-drywall**, **Final**, **Completed**, **Internal Review**, **Submitted to Provider**, **Registered**, **Archived**, and **Recently Deleted**. The main content area shows **8 Jobs** with a **Filter** option. Action buttons include **Select All**, **Flag for Review**, **Submit to Provider**, **Download XML**, **Archive Job**, and **Delete Job**.

Job ID	Address	Provider	Updated response	Pre-drywall	Final
<input type="checkbox"/>	3948 White Sands Blvd, Orlando, FL 32789	Peninsula Homes	Updated response: 12:08 pm, May 23rd 2018	100%	0%
<input type="checkbox"/>	5455 Wishing Well Court, Bel Air, MD 21014 Anns Meadow	Bob Ward Homes	Updated response: 11:25 am, May 23rd 2018	83%	0%
<input type="checkbox"/>	3948 White Sands Blvd, Orlando, FL 32789	Peninsula Homes	Updated response: 11:23 am, May 23rd 2018	100%	0%
<input type="checkbox"/>	1205 Wishing Well Court, Bel Air, MD 21015 Anns Meadow	Alex’s Homes	Updated response: 11:22 am, May 23rd 2018	100%	92%
<input type="checkbox"/>			Updated response: 8:37 pm, May 16th 2018		



Review Details and Comments

ENERGY STAR RaterPRO

Secure | https://www.raterpro.net/#/!jobs/review/db72aafe1c55f7a74a9cef26aebbbc4/1527090773713/walls?role=admin

Hi Elliot Seibert
Mock Combined Company 1

ENERGY STAR
3948 White Sands Blvd, Orlando,...

Edit Profile Flag for Review Submit to Provider Mark as Registered Download XML

Comments + New

Must Correct

Rim joist assemblies match proposed design

Rim Joist

Cont. Ins. (R)	Joist Cavity Ins. (R)	Ins. Grade	Location	Area (sq ft)	Joist Spacing (in oc)	Joist Cavity Ins.
0.0	20.0	I	Between conditioned space and ambient	140.0	16.0	5.5

Comments + New

Rater Verified

i Insulation levels match proposed design

You Are Rating: 3948 White Sands Blvd, Orlando, FL 32789
Builder: Peninsula Homes Rating File: 3948 White Sands

More



Review Details and Comments

The screenshot shows the RaterPRO web interface. At the top, the browser address bar displays the URL: <https://www.raterpro.net/#!/jobs/review/db72aafe1c55f7a74a9cef26aebbbc4/1527090773713/walls?role=admin>. The page header includes the ENERGY STAR RaterPRO logo and the user name "Hi Elliot Seibert" with a dropdown arrow, and the company name "Mock Combined Company 1".

Below the header, there is a navigation bar with a back arrow, the address "ENERGY STAR 3948 White Sands Blvd, Orlando,..." with a dropdown arrow, and several action buttons: "Edit Profile", "Flag for Review", "Submit to Provider", "Mark as Registered", and "Download XML".

The main content area features a row of icons: a house, a house with a blue roof, a house with a blue roof and a blue square, a line graph, a blue flower, and a lightbulb with a gear. Below these icons, the text "Insulation is Grade I" is displayed.

A "Comments" section is shown with a "+ New" button. It contains a photo of a room with wooden studs and insulation. Below the photo, the comment text reads: "Elliot Seibert • May 23rd 2018, 12:07 pm. Insulation is great. Nice job!".

At the bottom of the page, there is a dark blue footer with the text "You Are Rating:" followed by a small house icon, the address "3948 White Sands Blvd, Orlando, FL 32789", the builder "Builder: Peninsula Homes", and the rating file "Rating File: 3948 White Sands". A "More" button with a dropdown arrow is also present.



Review Details and Comments

Hi Elliot Seibert ▾
Mock Combined Company 1

ENERGY STAR
3948 White Sands Blvd, Orlando,...
Edit Profile
Flag for Review
Submit to Provider
Mark as Registered
Download XML

Rater Verified

Windows match proposed design

Windows

Name	Window Type Name	U-Value	SHGC	Area (sq ft)	Orientation	Overhang Depth (ft)	Overhang to Top of Window (ft)	O
front	ES CZ5-8*****	0.270	0.400	North	90.0	0.0	0.0	0
back	ES CZ5-8*****-RP01	0.3	0.4	South	90	0.85	0.7	N
left	ES CZ5-8*****	0.270	0.400	East	90.0	0.0	0.0	0
right	ES CZ5-8*****	0.270	0.400	West	90.0	0.0	0.0	0

Comments
+ New

Rater Verified

i Fenestration matches proposed design

You Are Rating:

3948 White Sands Blvd, Orlando, FL 32789

Builder: Peninsula Homes Rating File: 3948 White Sands

More ▾



Job History

The screenshot shows the ENERGY STAR RaterPRO web application. The browser address bar displays the URL: `raterpro.net/#/jobs/review/29fea76cb30de728f8372f12a3b788d6/1532536385024/job-information?role=admin`. The user is identified as Hi Natalie Hampton, RaterPRO Combined Co. - TEST. The main navigation bar includes 'Rater Jobs', 'Template Library', and 'Users'. The current job is identified as 'ENERGY STAR 3948 White Sands Blvd, Orlando, FL 32789'. A 'Download XML' button and a 'MENU' dropdown are visible. The 'MENU' dropdown is open, showing options: 'View Job History', 'View Archival Report', 'Edit Profile', 'Flag for Review', and 'Submit to Provider'. A green circle highlights the 'View Job History' option, with a green arrow pointing to it from the right. Below the menu, there are icons for 'Job Information', 'Walls', 'Ceilings & Roofs', 'Foundation & Floors', 'Tests', and 'HVAC & Water'. A section titled 'Location Information: 3948 White Sands Blvd, Orlando, FL 32789' is displayed. Below this, a table shows job details:

Rating Type	ENERGY STAR Rating
Builder	Peninsula Homes
Sample Set	No
Location	3948 White Sands Blvd, Orlando, FL 32789

At the bottom, there is a section for 'Elevation Photos' with four placeholder icons of a house.



Job History



Job History

Job History

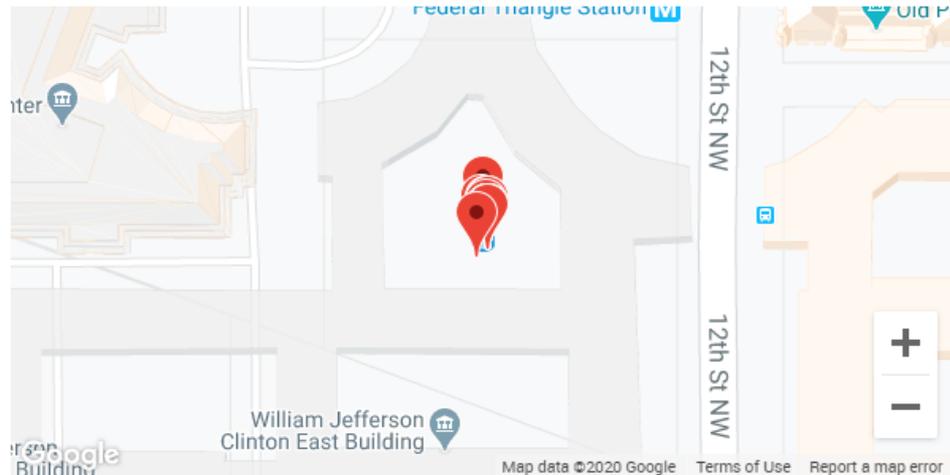
Created

Feb 4, 2020 10:27:18 AM by Myron Gray

Edited

Feb 4, 2020 10:32:58 AM by Myron Gray

- Total Editing Time: 22 minutes
- 1 comment(s)
- 5 minimum rated feature(s) edited
- 1 elevation photo(s)
- 9 pre-drywall status update(s)



[Lat: 38.893163987404044, Long: -77.02894780653597](#)



Archival Report

The screenshot shows the ENERGY STAR RaterPRO web interface. At the top, the user is logged in as 'Hi Natalie Hampton' and the current job is 'RaterPRO Combined Co. - TEST'. The main navigation bar includes 'Rater Jobs', 'Template Library', and 'Users'. The current job details are for 'ENERGY STAR 3948 White Sands Blvd, Orlando, FL 32789'. A 'Download XML' button and a 'MENU' dropdown are visible. The 'MENU' dropdown is open, showing options: 'View Job History', 'View Archival Report' (highlighted with a red circle and a grey arrow), 'Edit Profile', 'Flag for Review', and 'Submit to Provider'. Below the menu, there are icons for 'Job Information', 'Walls', 'Ceilings & Roofs', 'Foundation & Floors', 'Tests', and 'HVAC & Water'. A 'Location Information' section displays the address: '3948 White Sands Blvd, Orlando, FL 32789'. A table below shows job details:

Rating Type	ENERGY STAR Rating
Builder	Peninsula Homes
Sample Set	No
Location	3948 White Sands Blvd, Orlando, FL 32789

At the bottom, there is a section for 'Elevation Photos' with four placeholder icons of a house.



Archival Report

Archival Report
12/14/2018

Home: 1216 Wishing Good Court, Bel Air MD
Avenale, Lot 1224
Manual/Identifier:
Pwin Barton Homebuilders, LLC

Builder: Ace Energy (Estes)
Rater: Jon Doe

This report was generated as a result of an inspection of this home by the rater listed above. Items listed below are in one of two categories:

- ! **Builder Must Correct:** Items that must be corrected by the builder
- ! **Builder Must Verify:** Items that must be verified by the builder under the direction of the Rater

Home Model: Sunflower **Square Footage:** ####

Home Type: Single Family **Sub-Plan Name:** abcdefg

Foundation: Conditioned Basement **Export File Name:** xyz.pdf

Exterior Photos

Front

Left

Right

Back

Page 1 of 6

Utility Meters and Equipment

Utility Information	Utility Co. Name	Meter ID
Fuel Type: Natural Gas	Wisp/Water/Port Gas	21321563896
Water Heaters	Model	Model
Manufacturer: A.O. Smith	D413428522	21321563896
HVAC Equipment Furnace	Model	Model
Manufacturer: Air ways	D413428522	21321563896
Air Conditioner	Model	Model
Manufacturer: A/CN	D413428522	21321563896
Air Conditioner Evaporator	Model	Model
Manufacturer: Aerisys	D413428522	21321563896

Minimum Rated Features

Feature	Pre-Crawl Status	Final Status	
Architectural characteristics match proposed design	Rater Verified	Rater Verified	
Floor / Foundation assemblies match proposed design	Rater Verified	Rater Verified	
Wall assemblies match proposed design	Rater Verified	Rater Verified	
Roof / ceiling assemblies match proposed design	Rater Verified	Rater Verified	
Joint assemblies match proposed design	Must Verify	Rater Verified	
Doors match proposed design	Rater Verified	Rater Verified	
Windows match proposed design	Rater Verified	Rater Verified	
Sightlines match proposed design	Rater Verified	Rater Verified	
Total domestic hot water equipment matches proposed design	Rater Verified	Must Correct	
Infiltration matches proposed design	Rater Verified	Rater Verified	
Flue systems match proposed design	Rater Verified	Rater Verified	
Heating and cooling equipment matches proposed design	Rater Verified	Rater Verified	
Domestic hot water equipment matches proposed design	Rater Verified	Rater Verified	
Domestic hot water distribution matches proposed design	Must Correct	Rater Verified	
Thermostats match proposed design	Rater Verified	Rater Verified	
Lighting matches proposed design	Rater Verified	Rater Verified	
Refrigerators match proposed design	Rater Verified	Rater Verified	
Dishwashers match proposed design	Rater Verified	Rater Verified	
Ranges and ovens match proposed design	Rater Verified	Rater Verified	
Clothes washers match proposed design	Rater Verified	Rater Verified	

Page 2 of 6

Air sealing at penetrations, with blocking if flashing as needed	Rater Verified	Rater Verified
Recessed light fixtures (CAL labeled & gasketed, plus insulated)	Rater Verified	Rater Verified
Recessed light fixtures (CAL labeled & gasketed, plus insulated)	Must Verify	Rater Verified
SB plates sealed to foundation w/foam; plus gasket beneath	Rater Verified	Rater Verified
Continuous top plate w/ backing at top of walls, zero sealant	Rater Verified	Rater Verified
Drywall sealed to top plates	Rater Verified	Rater Verified
Rough opening around windows & exterior doors sealed	Rater Verified	Must Correct
Garage walls/sewer, plus sealed at border of floor cavity above	Rater Verified	Rater Verified
Gap between common wall and framing sealed	Rater Verified	Rater Verified
Doors sealed with weatherstripping or equivalent gasket	Rater Verified	Rater Verified
1/8" ID gasketed cover over 2" diameter access points & whole-house fans	Rater Verified	Rater Verified
Mfr. & model of HVAC equipment matches (HVAC Design Report, meter approval form required)	Must Correct	Rater Verified
External static pressure measured at contractor provided test location	Rater Verified	Rater Verified
Custom HVAC Commissioning Checklist completed, with no items left blank	Rater Verified	Rater Verified
Driveway installed without kinks, sharp bends, compressors	Rater Verified	Rater Verified
Bedroom pressure-balanced to 0.3"/s	Rater Verified	Rater Verified
A supply and return ducts in conditioned space insulated to R-10	Rater Verified	Rater Verified
Measured total duct leakage is within ENERGY STAR limits with all fanless air ducts, including cavities used as ducts & attic boots installed	Rater Verified	Rater Verified
All duct boots sealed to finished surface	Rater Verified	Rater Verified
Measured total duct leakage is within ENERGY STAR limits with all fanless air ducts, including cavities used as ducts, duct coats, & registers in the attic etc.	Rater Verified	Must Verify
Measured curb leakage to outdoors is within ENERGY STAR limits	Rater Verified	Rater Verified
Measured ventilation rate is within either 0.5 CFM or 10% of design value	Rater Verified	Rater Verified
Readily-accessible ventilation cover door installed and locked	Rater Verified	Rater Verified
No outdoor intakes connected to HVAC return, unless controls are installed	Rater Verified	Rater Verified
System fan rated 0.2 times F internal and 0.1 times F continuous	Rater Verified	Rater Verified
If HVAC fan used, then the ECM ECM or controls installed to reduce fan noise	Rater Verified	Rater Verified
Bathroom fans are ENERGY STAR if used as part of whole-house system	Rater Verified	Rater Verified
All air inlet locations specified in the HVAC Design Report?	Rater Verified	Rater Verified
Live sub-vertical or arched transition, not transition space	Must Verify	Rater Verified
Hot & cold above radiator or hot deck, a 10% non-concentration source not entering the room and 0.5% boundary exhaust & source making the room	Rater Verified	Rater Verified
Live in process with water / heat source with 2.0 CFM or more	Rater Verified	Rater Verified
1/2 inch kitchen sink is integrated with trap & no source directly to outdoors with means for airflow 100 CFM. See Footnotes for alternatives.	Rater Verified	Rater Verified
For each kitchen exhaust fan, sound rating 0.5 sone recommended for intermittent fan and 2.0 sone recommended for continuous fan	Rater Verified	Must Correct

Page 4 of 6



Download Single XML

The screenshot shows the ENERGY STAR RaterPRO web interface. The browser address bar displays the URL: <https://www.raterpro.net/#/1/jobs/review/db72aafe1c55f7a74a9cef26aebbbc4/1527090773713/walls?role=admin>. The user is logged in as Hi Elliot Seibert, Mock Combined Company 1. The main navigation bar includes Rater Jobs, Template Library, Provider Jobs, and Users. The current job is for ENERGY STAR at 3948 White Sands Blvd, Orlando, FL. The 'Download XML' button is circled in green. Below the navigation bar, there are icons for Walls, Ceilings & Roofs, Foundation & Floors, Tests, HVAC & Water, and Plug Loads, Lighting, PV. The current inspection stage is Pre-Drywall, which is Rater Verified. The architectural characteristics match the proposed design. A table of architectural characteristics is shown below.

Housing Type	Apartment Level	Floors Above Grade	Stories Inc. Cond. Bsmt.	Cond. Floor Area (sq ft)	Cond. Space Volume (cu ft)
Single-family detached	None	2	2	2400	20400

You Are Rating: 3948 White Sands Blvd, Orlando, FL 32789
Builder: Peninsula Homes Rating File: 3948 White Sands



Download Bulk XML

The screenshot shows the ENERGY STAR RaterPRO web application. The browser address bar displays <https://www.raterpro.net/#!/jobs?status=Active>. The user is logged in as Hi Elliot Seibert, Mock Combined Company 1. The page title is "Rater Jobs". On the left, there is a sidebar with job status filters: All, Active, Pre-drywall, Final, Completed, Internal Review, Submitted to Provider, Registered, Archived, and Recently Deleted. A green arrow points from the "Completed" filter to the first job in the list. The main content area shows 7 jobs. At the top of the job list, there are buttons: "Select All", "Flag for Review", "Submit to Provider", "Download XML" (circled in green), "Archive Job", and "Delete Job". The "Download XML" button is highlighted with a green circle. The job list includes the following entries:

Job Status	Address	Updated response	Pre-drywall	Final
<input checked="" type="checkbox"/>	5455 Wishing Well Court, Bel Air, MD 21014 Anns Meadow Bob Ward Homes	11:25 am, May 23rd 2018	83%	0%
<input checked="" type="checkbox"/>	3948 White Sands Blvd, Orlando, FL 32789 Peninsula Homes	11:23 am, May 23rd 2018	100%	0%
<input type="checkbox"/>	1205 Wishing Well Court, Bel Air, MD 21015 Anns Meadow Alex’s Homes	11:22 am, May 23rd 2018	100%	92%
<input checked="" type="checkbox"/>	123 Apple St, TX Houston Hills, Lot 321 Astro Homes LLC	8:37 pm, May 16th 2018	46%	0%
<input type="checkbox"/>	14719 Lear Court, Glenelg, MD 21737 Warfield Estates	12:39 pm, Apr 30th 2018	5%	0%

Load XML in REM/Rate

The screenshot shows the REM/Rate v 15.4.1 software interface. The 'File' menu is open, and the 'Import' option is selected, which has opened a sub-menu where 'XML...' is highlighted. A green arrow points to the 'Import' option in the main menu. The 'Analysis' panel on the right displays the following data:

Design Loads (kBtu/hr)	
Heating	0.0
Cooling	0.0
Annual Loads (MMBtu/yr)	
Heating	0.0
Cooling	0.0
Water Heating	0.0
WH w/out Ta...	0.0
Annual Consumption (MMBtu/yr)	
Heating	0.0
Cooling	0.0
Water Heating	0.0
Lights and App...	0.0
Photovoltaics	0.0
Total	0.0
Annual Energy Costs (\$/yr)	
Heating	0.0
Cooling	0.0
Water Heating	0.0
Lights and App...	0.0
Photovoltaics	0.0
Service Charge	0.0
Total	0.0

The status bar at the bottom indicates 'Undetermined Chicago, IL 05/23/18'.



Load XML in REM/Rate

The screenshot shows the REM/Rate v 15.4.1 software interface. A green arrow points to the 'Window and Glass Door Properties Summary' table. Another green arrow points to the 'HERS Index' value of 63 in the 'Analysis' panel.

#	Name	Type	Area	Orient	Wall#
1	front	ES C25-8*****	90.0	North	AGW1
2	back	ES C25-8*****_RP...	90.0	South	AGW1
3	left	ES C25-8*****	90.0	East	AGW1
4	right	ES C25-8*****	90.0	West	AGW1

Program	Result
V3.0 ENERGY...	FAILS
V3.0* ENER...	FAILS
V3.1 ENERGY...	FAILS
Tax Credit	FAILS
DOE Zero Ene...	FAILS
HERS Index	63
draftHERS IAF	1.02

Code	Result
IECC 2015	FAILS
IECC 2012	FAILS
IECC 2009	PASSES
IECC 2006	PASSES
IECC 2004	PASSES
IECC 2003	PASSES
IECC 2001	PASSES
IECC 1998	PASSES
Iowa Code	FAILS
Michigan Code	FAILS
Illinois Code	FAILS
Nevada Code	PASSES
NY-ECCC 2016	FAILS
North Carolina ...	PASSES
North Carolina ...	FAILS

Errors/Warnings

WARNINGS

- HERS - You have entered 70 cfm of mechanical ventilation which is below the ASHRAE 62.2 - 2013 level of 95 cfm operating continuously 24 hours/day. See the Air Leakage Report for details. ****The ventilation rate will be increased to ASHRAE 62.2 levels in the HERS analysis if the combined ventilation + infiltration is below the compliance program requirements.

Load XML in Ekotrope

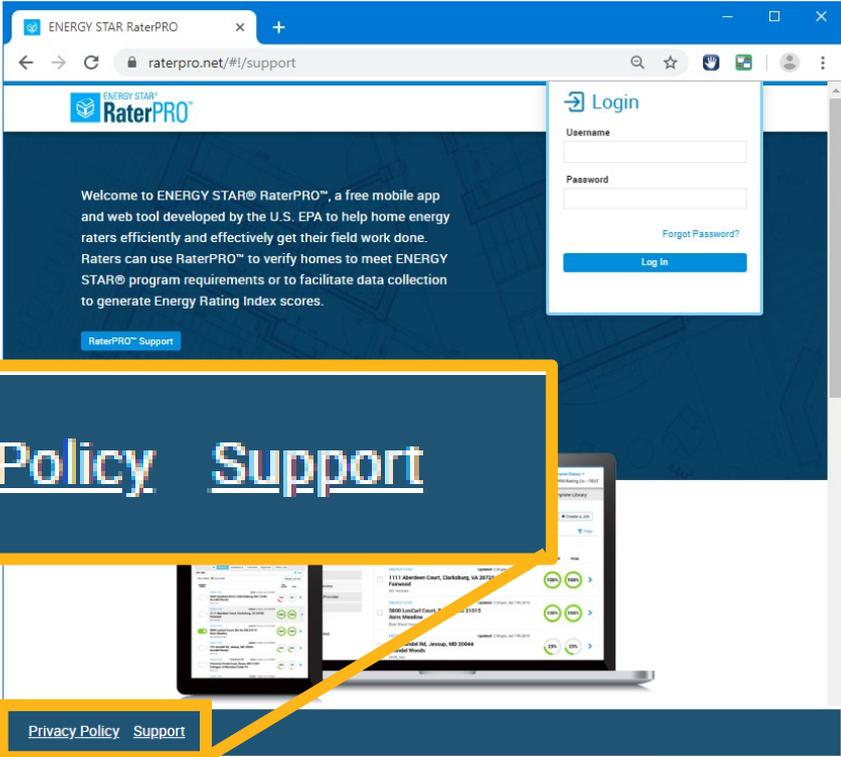
The screenshot shows the Ekotrope web application interface. The browser address bar displays <https://app.ekotrope.com/#projectbyL0VWWZv>. The page header includes the Ekotrope logo and navigation links for 'My Projects' and 'Component Library'. The main content area features a 'Project Info' section for a project named 'untouched' located in 'Punxsutawney, PA'. A 'Project Notes' text area is also visible. Below the project info are buttons for 'Analyze', 'Submit Project', and 'Reports'. A 'Building Designs' section shows a 'Master Design' with a checkbox for 'untouched'. A 'Component Library' section displays various building components like Walls, Windows/Glass Doors, Conditioning Equipment, Roof Insulation, Framed Floors, and Slabs. At the bottom, a toolbar contains an 'Import REM/Rate XML' button, which is highlighted by a green arrow.



Conclusion

Learn More

Visit www.raterpro.net



The screenshot shows the ENERGY STAR RaterPRO website. The browser address bar displays "ENERGY STAR RaterPRO" and "raterpro.net/#/support". The main content area features a welcome message: "Welcome to ENERGY STAR® RaterPRO™, a free mobile app and web tool developed by the U.S. EPA to help home energy raters efficiently and effectively get their field work done. Raters can use RaterPRO™ to verify homes to meet ENERGY STAR® program requirements or to facilitate data collection to generate Energy Rating Index scores." Below this message is a "RaterPRO™ Support" link. On the right side, there is a "Login" form with fields for "Username" and "Password", a "Forgot Password?" link, and a "Log In" button. A large yellow callout box with a blue background and white text is overlaid on the page, containing the text "Privacy Policy" and "Support". At the bottom of the page, there is a navigation bar with "Privacy Policy" and "Support" links.

Learn More

- Getting Started
- User Guide
- Frequently Asked Questions

The screenshot shows a web browser window with the URL `raterpro.net/#/support-user-guide-desktop`. The page features the ENERGY STAR RaterPRO logo and a 'Support' sidebar with links to 'Getting Started with RaterPRO', 'RaterPRO User Guide', 'RaterPRO Desktop', 'RaterPRO Mobile App', 'Providers', and 'FAQs'. The main content area is titled 'RaterPRO Desktop' and contains a section 'Invite Users to an Organization's RaterPRO Account'. This section explains that users can be added via MESA or by contacting `energystarhomes@energystar.gov`. It details the process of sending an invitation email to the primary contact and then inviting additional users on the 'Users' tab. A table of eligible users is shown, with columns for Name, Email, Search, User, and Invite. A 'Save' button is highlighted with a red circle. Below the table, a note states '(Requires Rater ID)'. The page concludes with a note that RaterPRO Admins cannot edit their own permissions.

Support

- Getting Started with RaterPRO
- RaterPRO User Guide
- RaterPRO Desktop**
- RaterPRO Mobile App
- Providers
- FAQs

RaterPRO Desktop

Invite Users to an Organization's RaterPRO Account

Any contact with a *My ENERGY STAR Account (MESA)* can be added to an organization's RaterPRO account. You can add additional contacts through MESA or by contacting energystarhomes@energystar.gov.

When an organization begins using RaterPRO, an account invitation e-mail will be sent to the primary contact. That primary RaterPRO user can then invite additional users on the 'Users' tab.

The Users tab shows a list of eligible users, based on the organization's MESA account. Users with Rater, Rater Admin or Provider permissions checked already have accounts. To invite a new user, select one or more permissions check boxes (Rater, Rater Admin or Provider) for that user and click 'Save', which will trigger an automated invitation e-mail to the email address listed for that user.

Note: e-mail addresses are based on contact's My ENERGY STAR Account (MESA) and, if incorrect, should be updated through MESA. Updates will be reflected in RaterPRO within 24 hours.

The screenshot shows the 'Users' tab interface with a table of users and a 'Save' button. The table has columns for Name, Email, Search, User, and Invite. A red circle highlights the 'Save' button. Below the table, a note states '(Requires Rater ID)'. Three green arrows point to the 'User' and 'Invite' columns.

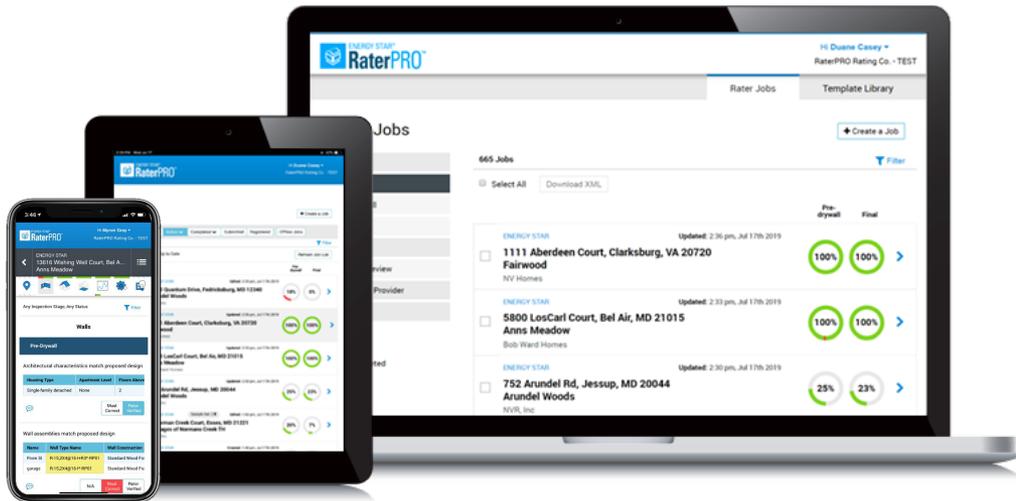
Name	Email	Search	User	Invite
John Doe	john.doe@energystar.gov	SEARCH	<input type="checkbox"/>	<input type="checkbox"/>
Jane Smith	jane.smith@energystar.gov	SEARCH	<input type="checkbox"/>	<input type="checkbox"/>
Michael Brown	michael.brown@energystar.gov	SEARCH	<input type="checkbox"/>	<input type="checkbox"/>
Robert Green	robert.green@energystar.gov	SEARCH	<input type="checkbox"/>	<input type="checkbox"/>

Users Tab

RaterPRO Admins cannot edit their own permissions. If needed, ask another RaterPRO Admin user to make any edits to their account.



ENERGY STAR® RaterPRO™



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