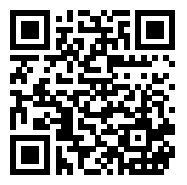




EPS ORIGINALS

DESIGN IDEA BOOK



EPSBUILDINGS.COM

RETAIL PRICE
\$8.00

We Call It

Building Science.

You Can Call It

Peace of Mind.

Now more than ever, building an energy-efficient home is important. EPS homes are designed and built to keep the harsh outside elements out.

You'll get high-performance and enjoy a comfortable home with reduced drafts and ultimate pest control.

EPS homes are engineered and built with Structural Insulated Panels. SIPs are one of the most airtight and well insulated building systems available.

An EPS SIP home will use less energy to heat and cool, which can reduce energy costs by as much as 50% when compared to conventional construction.

For us, building science is building quality, building comfort and building value. Build a new home and enjoy Peace of Mind. Call your EPS dealer today to learn more about building science and how an EPS Home can add more comfort to your lifestyle!



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NEW HOME Design Idea Book



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GET STARTED

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Getting started with the Design of Your Dream Home

"If you don't know where you are going, how will you know when you get there?"

So it is with the design of your dream home. Most new home owners have many ideas of what they want to include in their new home. Getting it all down on paper and into a final design takes important considerations.

Home plans can be provided through virtual drawings or catalogs of floor plans. Trying to find the perfect home can be difficult and most plans will need to be adjusted or owners can ask for a complete, customized design.

Important considerations include: your current and future lifestyle, views and opportunities offered by the building site, traffic flow through the home and building codes. We have organized a list of other considerations to help you in the design process.

EPS has an on-staff designer and the ability to provide you with a complete floor plan, concept drawing, 3D rendering and even a virtual tour.



Dreaming of a new home is fun and exciting. A complete and accurate design will assure you get an accurate quote for your building project and it will give you peace of mind knowing exactly what the outcome will be.

Considerations for your new home design include:

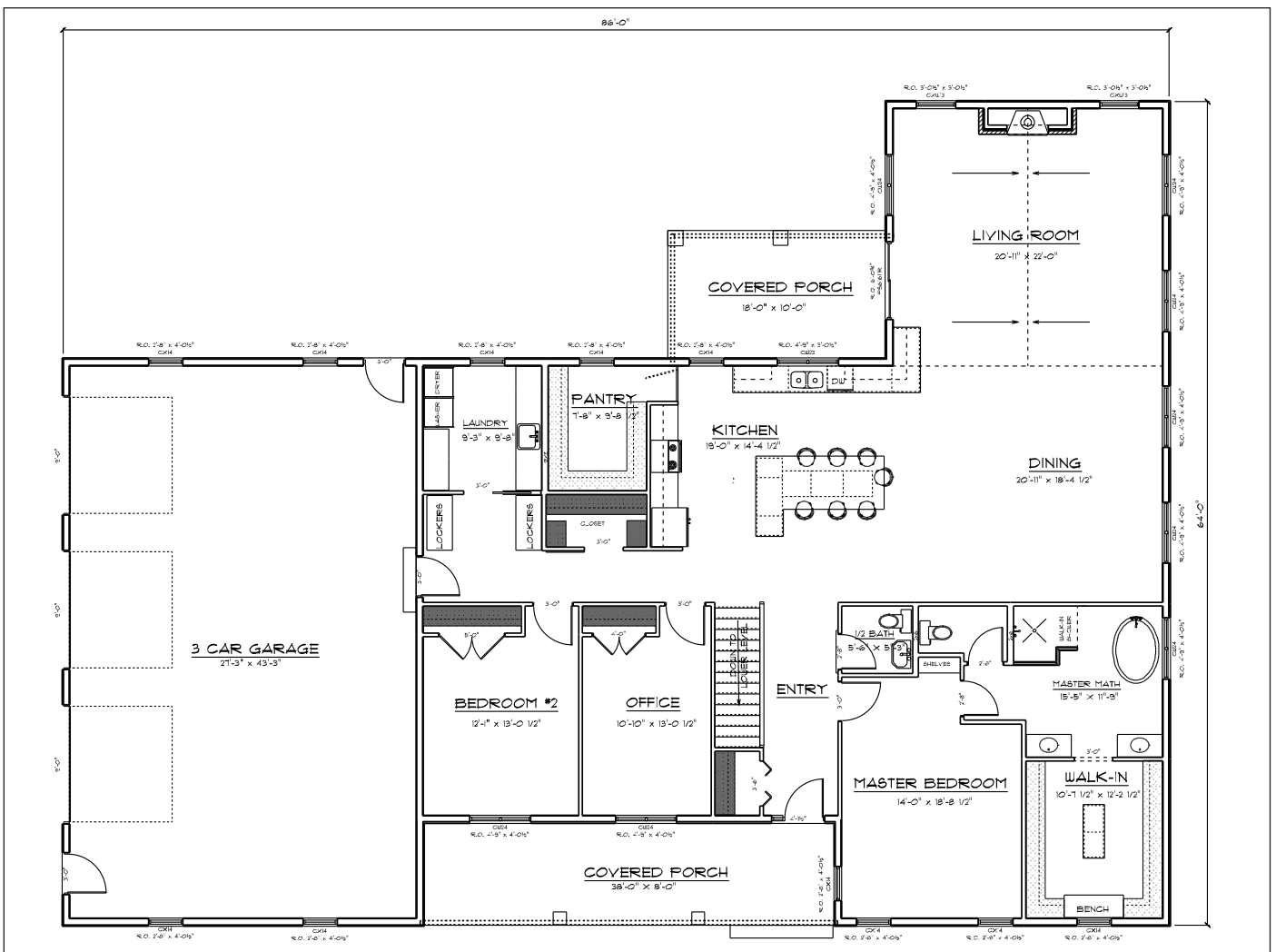
1. How much do you plan to invest in your project?
2. What is offered by the site location for views and elevations? Are there special zoning, use ordinances or covenants? Are there other considerations for noise, wind, trees or neighbors?
3. Describe your current and future lifestyle.
4. Do you prefer an open living plan or separate dining and living spaces?
5. What is important about the size of the bedrooms?
6. What size of storage is needed?
7. What size of laundry is needed and what is the preferred location?
8. Do you entertain frequently?
9. Will there be a garage?
10. How many bathrooms are needed and what types of fixtures are preferred?
11. Is there a preference for location of electrical outlets or specialized wiring needed?
12. Will there be outdoor living space: decks, patios, etc.
13. What size of kitchen is needed and what appliances are needed?
14. Do you need special rooms like home office, work room or home theater?
15. Do you plan to include other special features such as a fireplace or entertainment center?
16. Are there any special requirements for interior or exterior plumbing or faucets?
17. Do you want to include underfloor heating, heat pumps or other ventilation?
18. Do you have a list of wants vs. needs?

Single Family: Woodland



Style: Executive ranch
 Sq. Ft.: 2680
 Bedrooms: 3
 Bathrooms: 1 full plus 1-half

Description: This sprawling country home is a showcase for comfortable family life! From its large, open living area featuring high cathedral ceilings and gourmet kitchen/bar area to a spacious dining room area, this plan checks all the boxes.

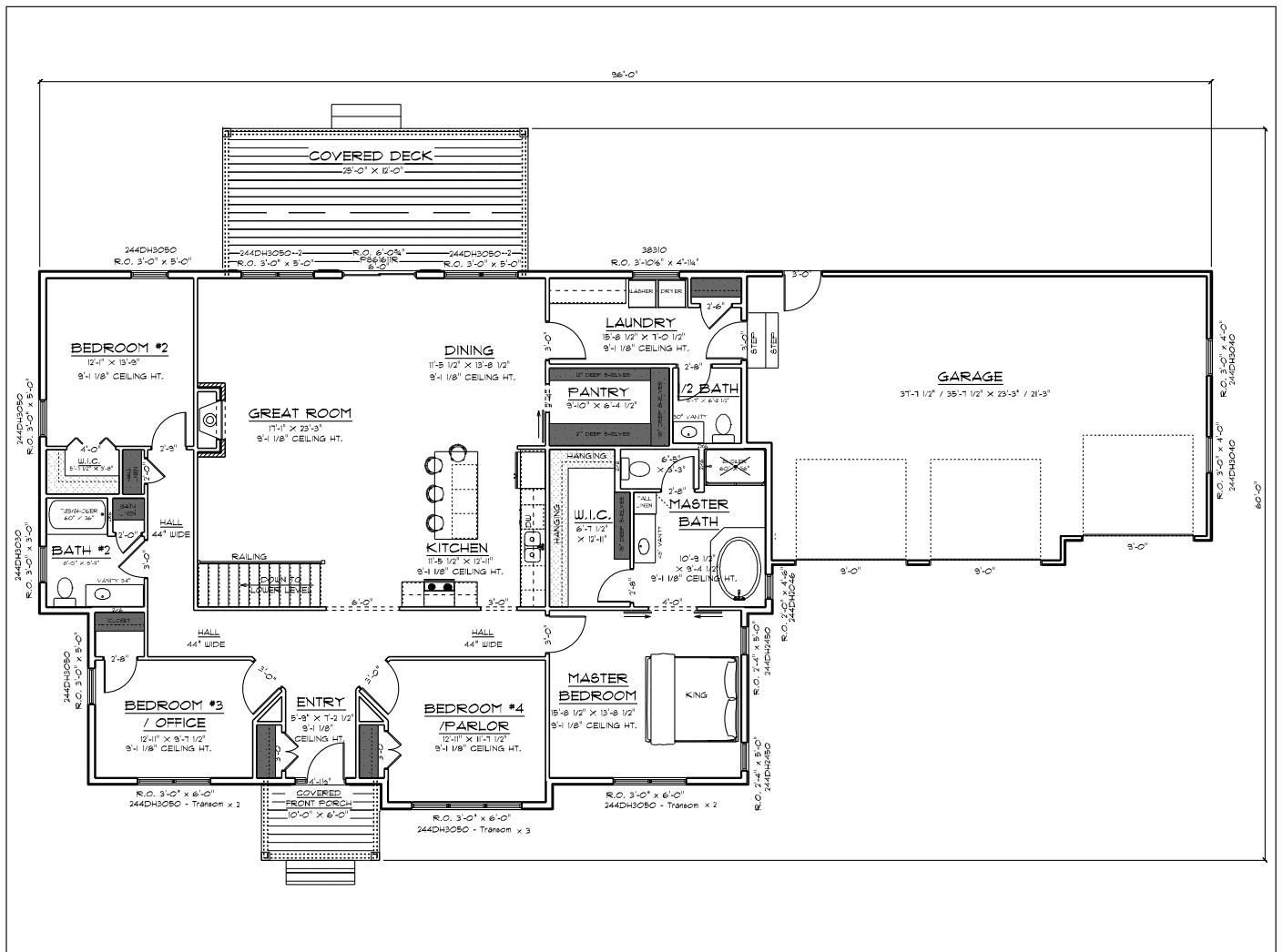


Single Family: Chandler



Style: Executive ranch
 Sq. Ft.: 2395
 Bedrooms: 3 plus office
 Bathrooms: 2 full plus 1-half

Description: An executive style home with plenty of livable square footage. Entertain large groups or just enjoy the space in the combined living/dining/kitchen/great room. Separate bedroom wings allow flexible living and work well to accommodate guests or family members. Other convenience features include a large walk-in pantry for storage and large utility room/mud room located directly off the garage.



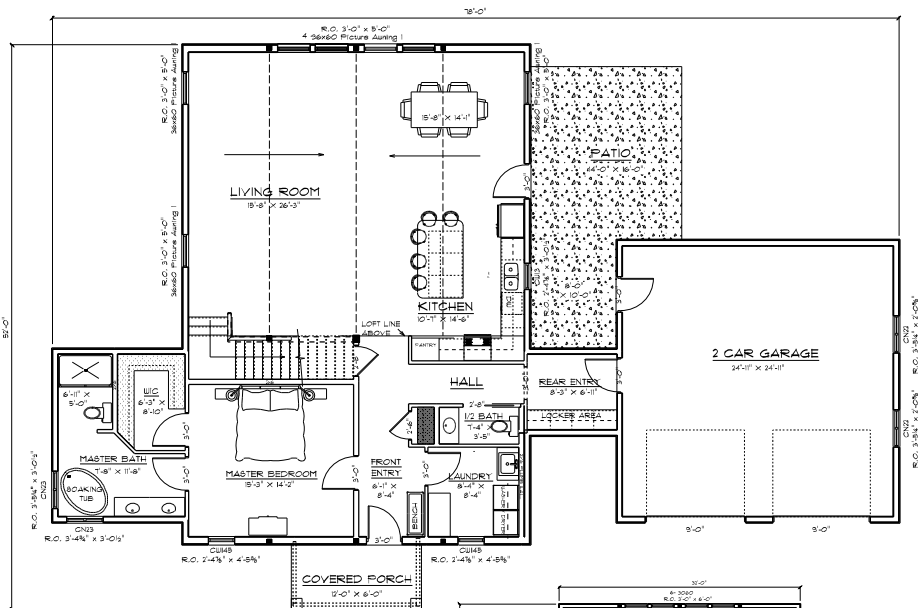
Single Family: Clare Marie

Sq. Ft.: 2320, 1770/main & 550/up

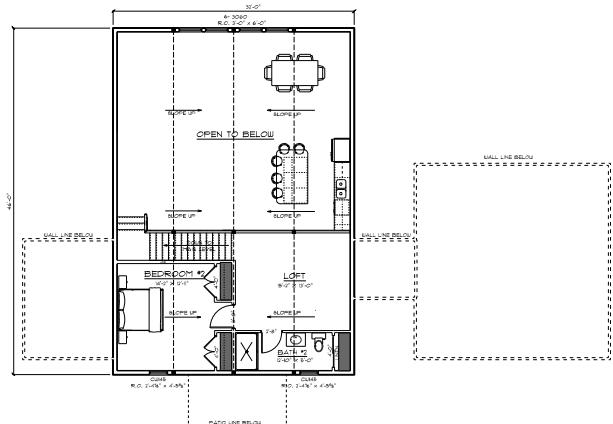
Bedrooms: 3

Bathrooms: 2 full

Description: This farm house style plan combines old world craftsmanship with modern comforts. It features an open great room with soaring vaulted ceilings and windows to a view. The main floor master bedroom has a sprawling master bath suite and large walk in closet. The second story has not only an open loft area but an additional bedroom and bath.



Main Level

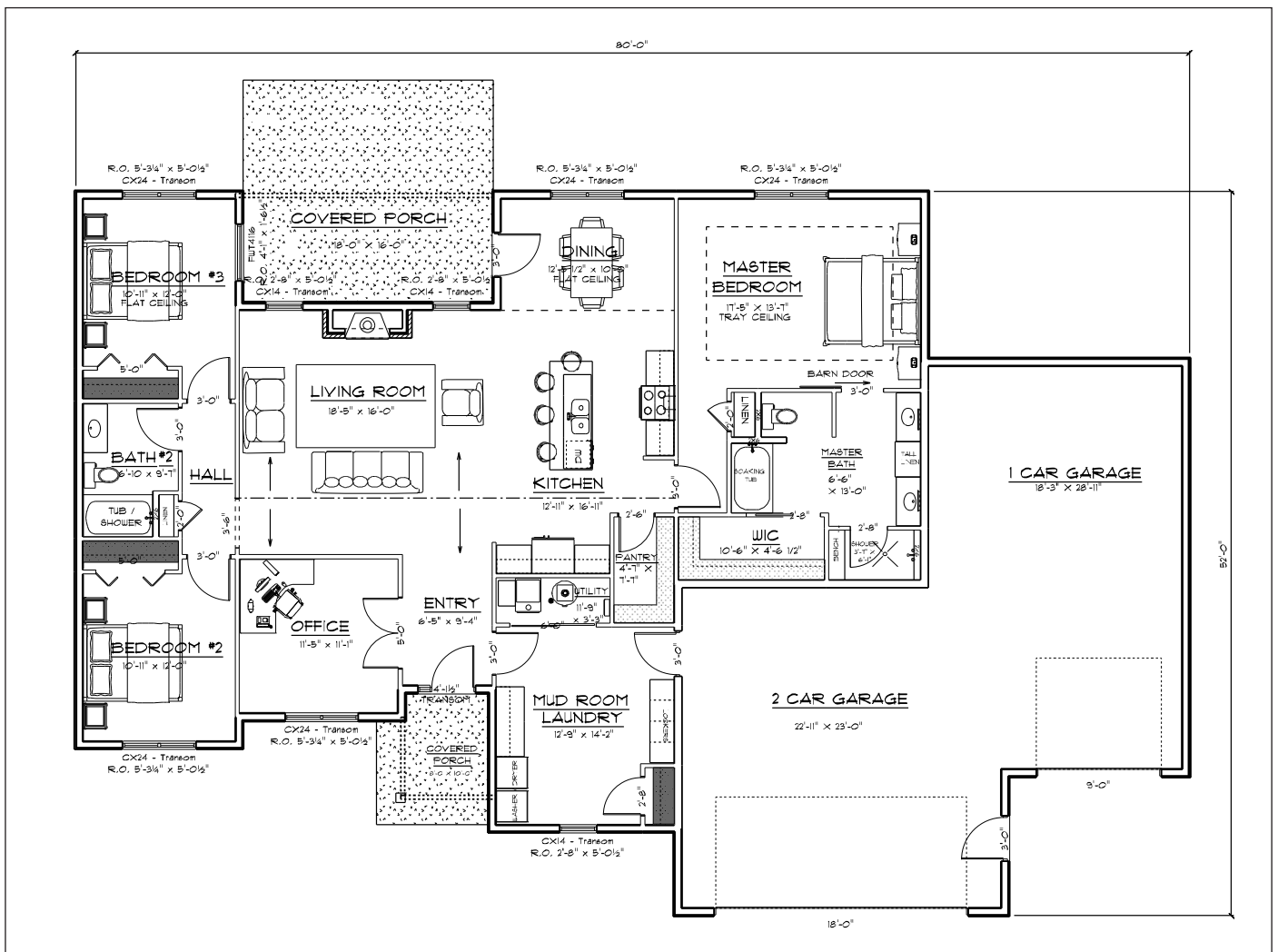


Single Family: Manning



Style: Executive ranch
 Sq. Ft.: 2140
 Bedrooms: 3 plus office
 Bathrooms: 2 full plus 1-half

Description: A true executive-style home that features plenty of living space. Features a separate master suite wing. Overflow space abounds onto a covered deck area off the dining room. Other convenience features are a large walk-in pantry for storage and food prep plus a large main floor utility/mud room.

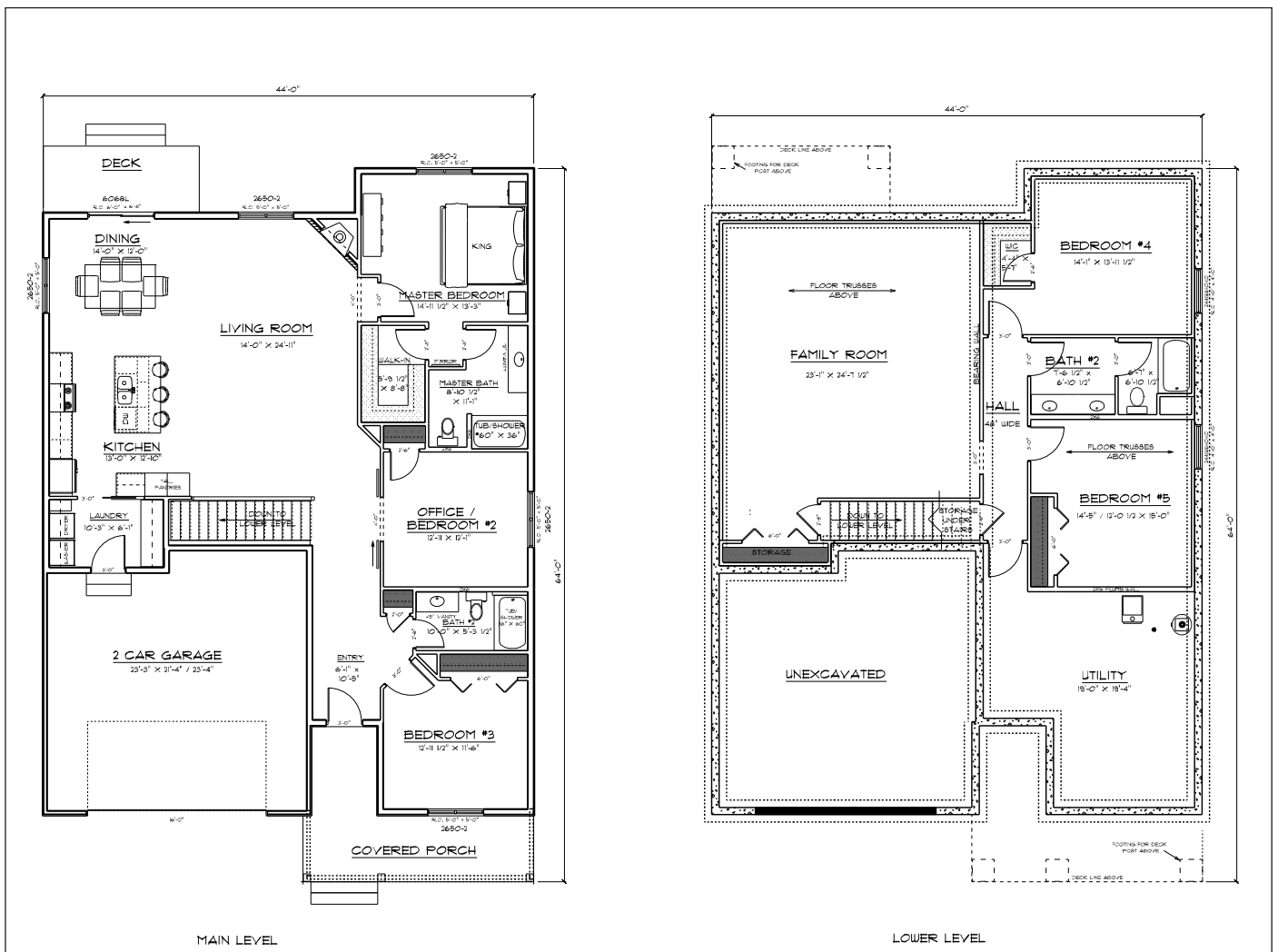


Single Family: Shelby



Style: Ranch
 Sq. Ft.: 1820
 Bedrooms: 3
 Bathrooms: 2 full

Description: This plan has a combined kitchen, dining and living room area for open flow. Included on the main floor is a utility room. Need more space? This plan has a great expandable basement plan for more bedrooms and living space.

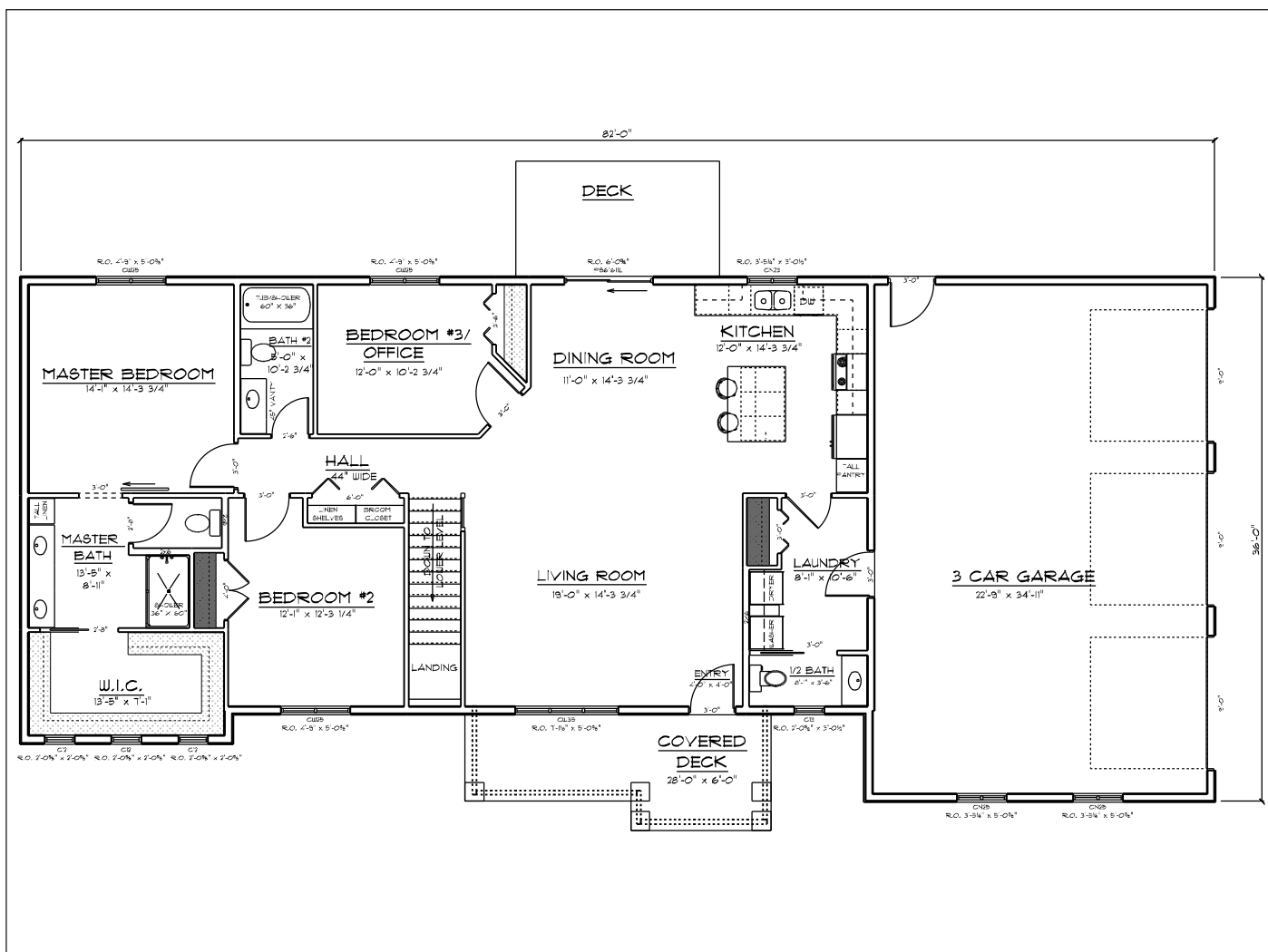


Single Family: Everly



Style: Ranch
 Sq. Ft.: 1790
 Bedrooms: 2 and 1-den/bedroom
 Bathrooms: 2 full plus 1-half

Description: This classic ranch fits wants, needs and budgets for many families! Escape day-to-day life in the large master suite featuring a walk-in shower and large walk-in closet. The main floor utility room is conveniently located right off the kitchen/garage and has a half bath.

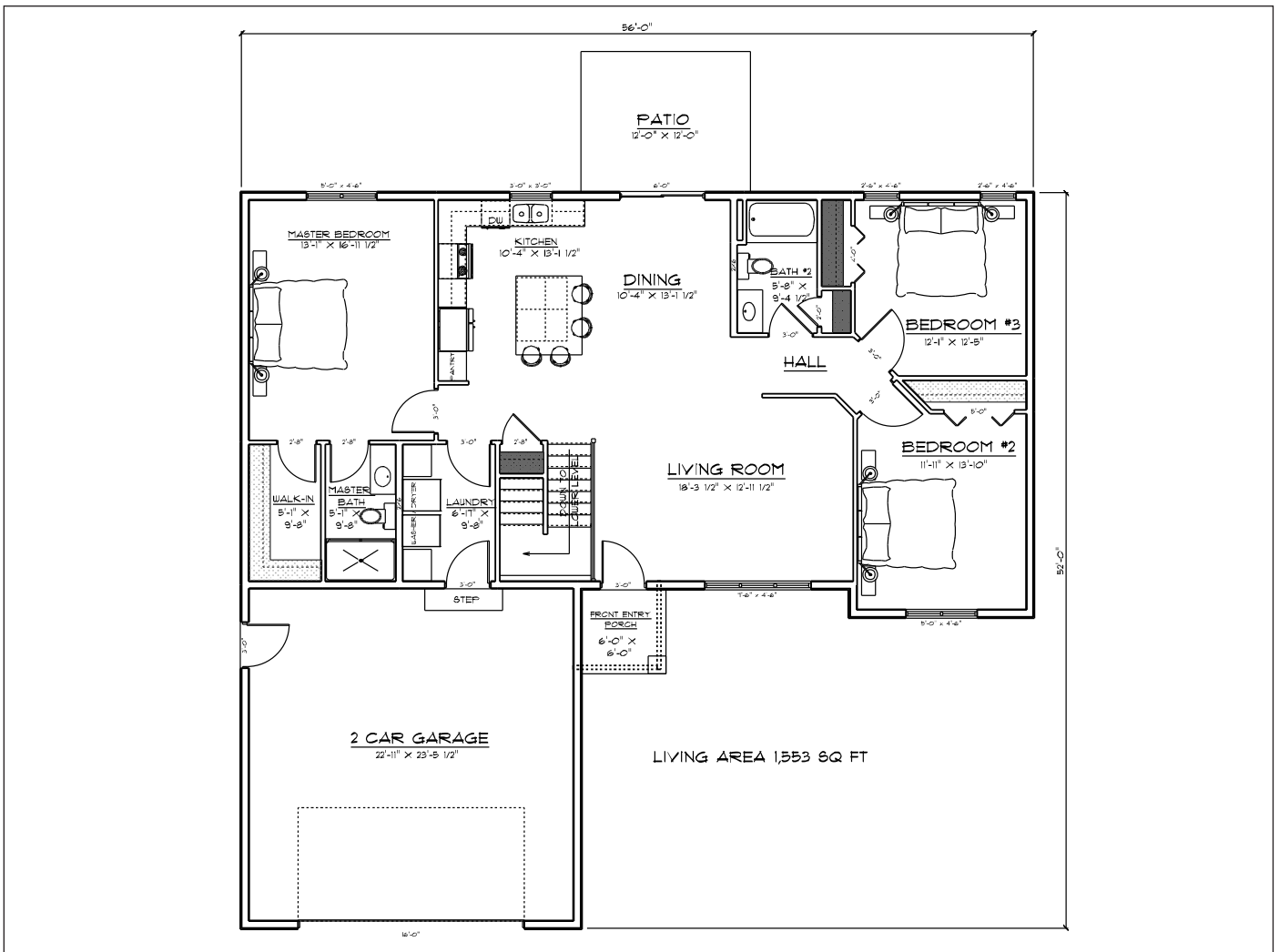


Single Family: Landon



Style: Ranch
 Sq. Ft.: 1553
 Bedrooms: 3
 Bathrooms: 2 full

Description: An ideal square footage for many family lifestyles and budgets. This floor plan features a separate master bedroom and bath suite. The open kitchen and dining room create plenty of space for active lifestyles.

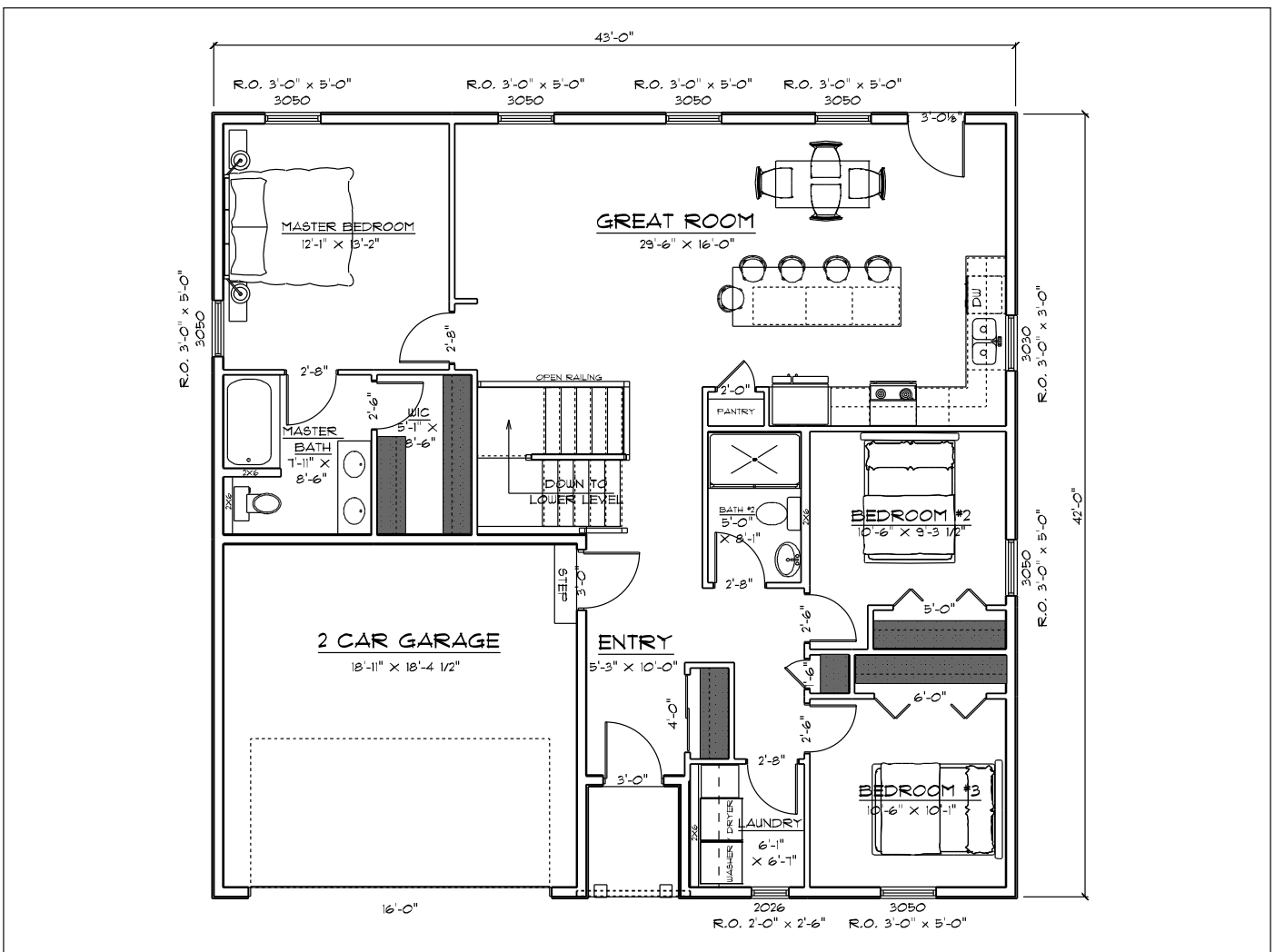


Single Family: Houston



Style: Ranch
 Sq. Ft.: 1403
 Bedrooms: 3
 Bathrooms: 2 full

Description: This floor plan will fit well on many lots and at just over 1400 square feet has all the features you want! From a formal foyer area to a spacious Kitchen/Great Room, this design has everything you need in an affordable square footage range.

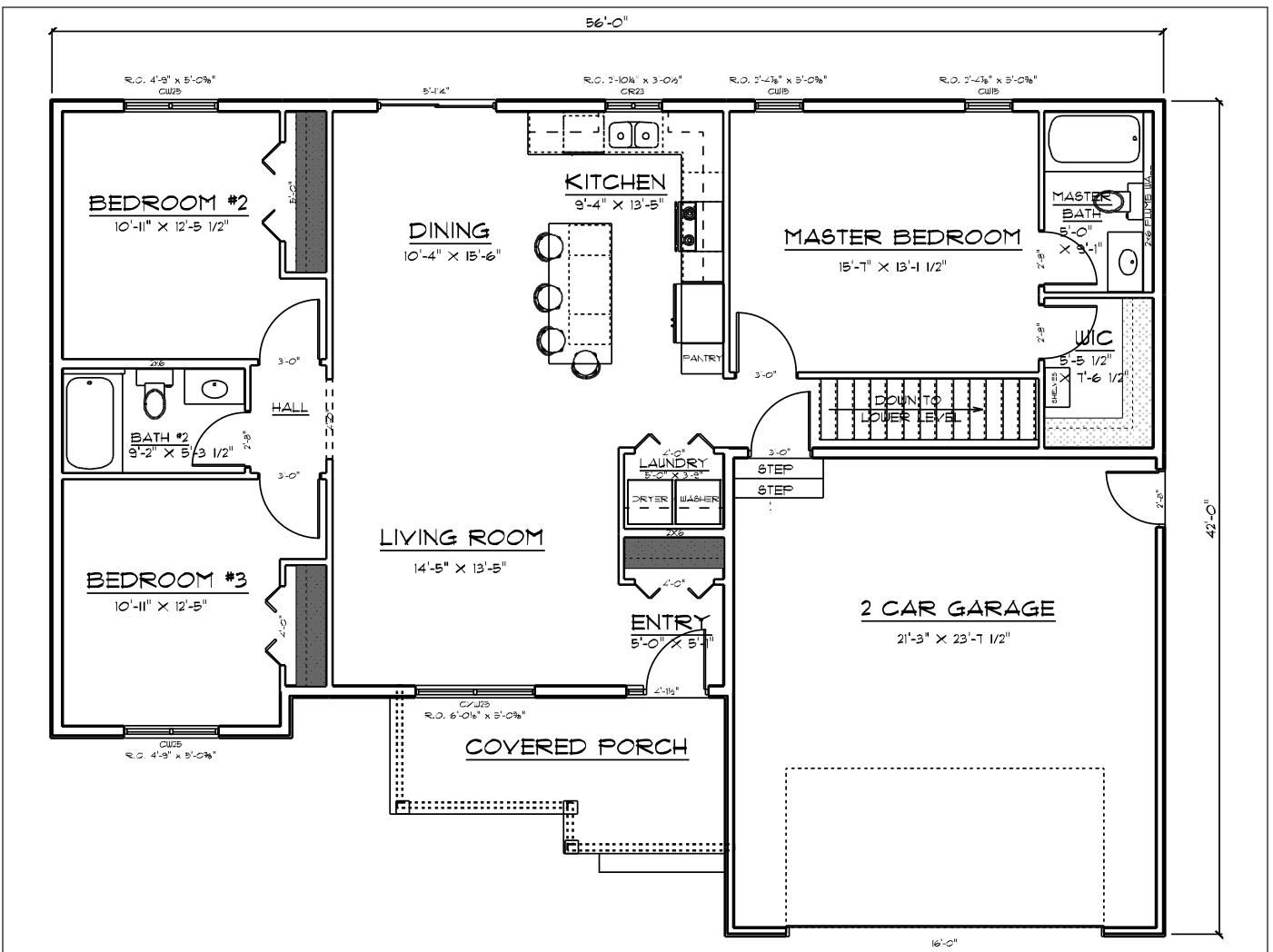


Single Family: Spirit



Style: Ranch
 Sq. Ft.: 1350
 Bedrooms: 3
 Bathrooms: 2 full

Description: This floor plan makes the most of its square footage. It features an open concept between kitchen/dining room and living room that creates an open, airy effect. Includes large walk-in closet and a front-loaded garage.

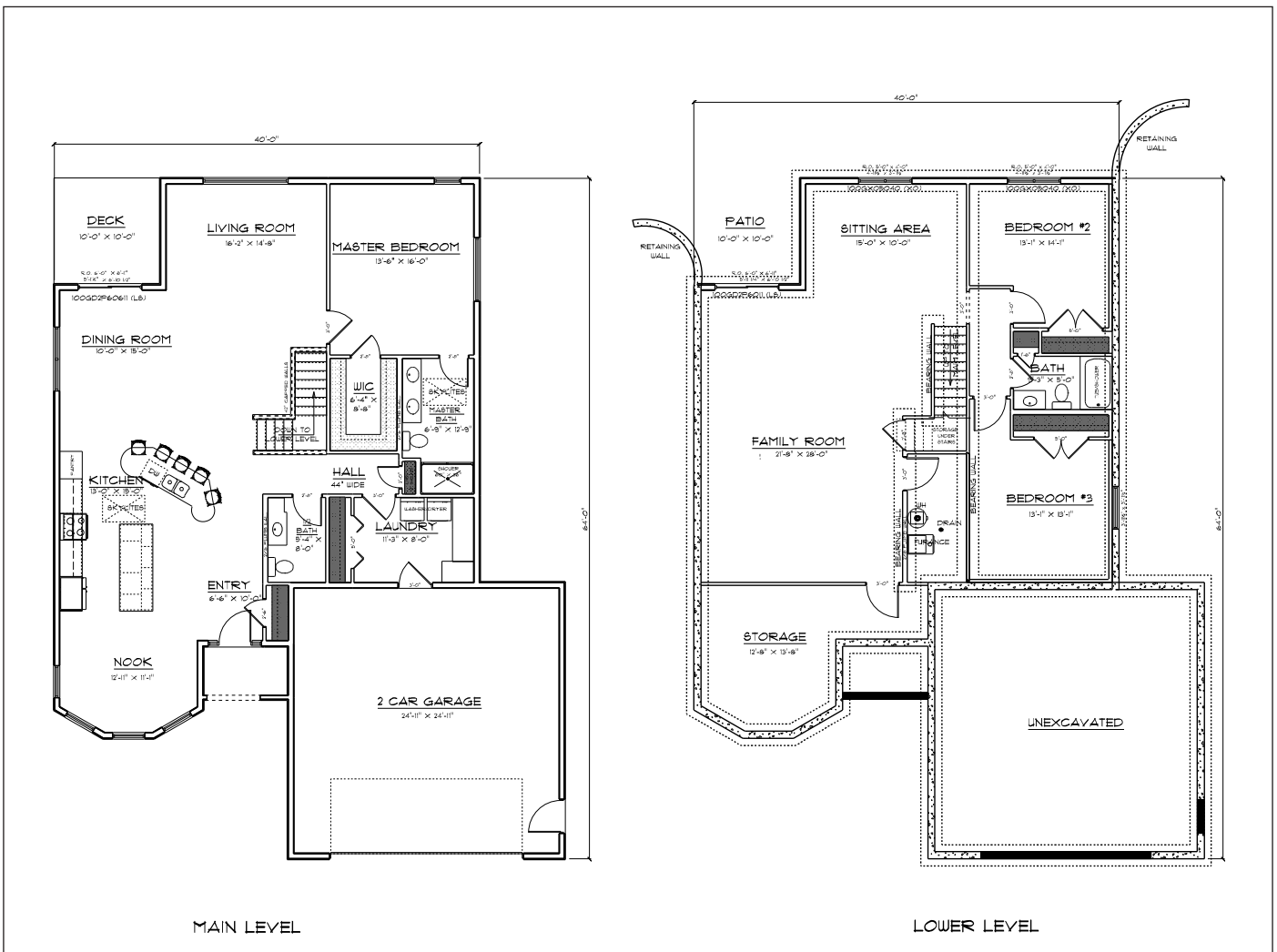


Single Family: Taylor



Style: Narrow lot, ranch
 Sq. Ft.: 1680
 Bedrooms:1
 Bathrooms: 1 plus 1-half

Description: Calling all empty nesters! This narrow lot floor plan gives you all the easy living features including a large master bedroom with walk-in closet, an open kitchen/living area and an eat-in breakfast nook. If needed, a flexible basement design allows for additional bedrooms and living space.

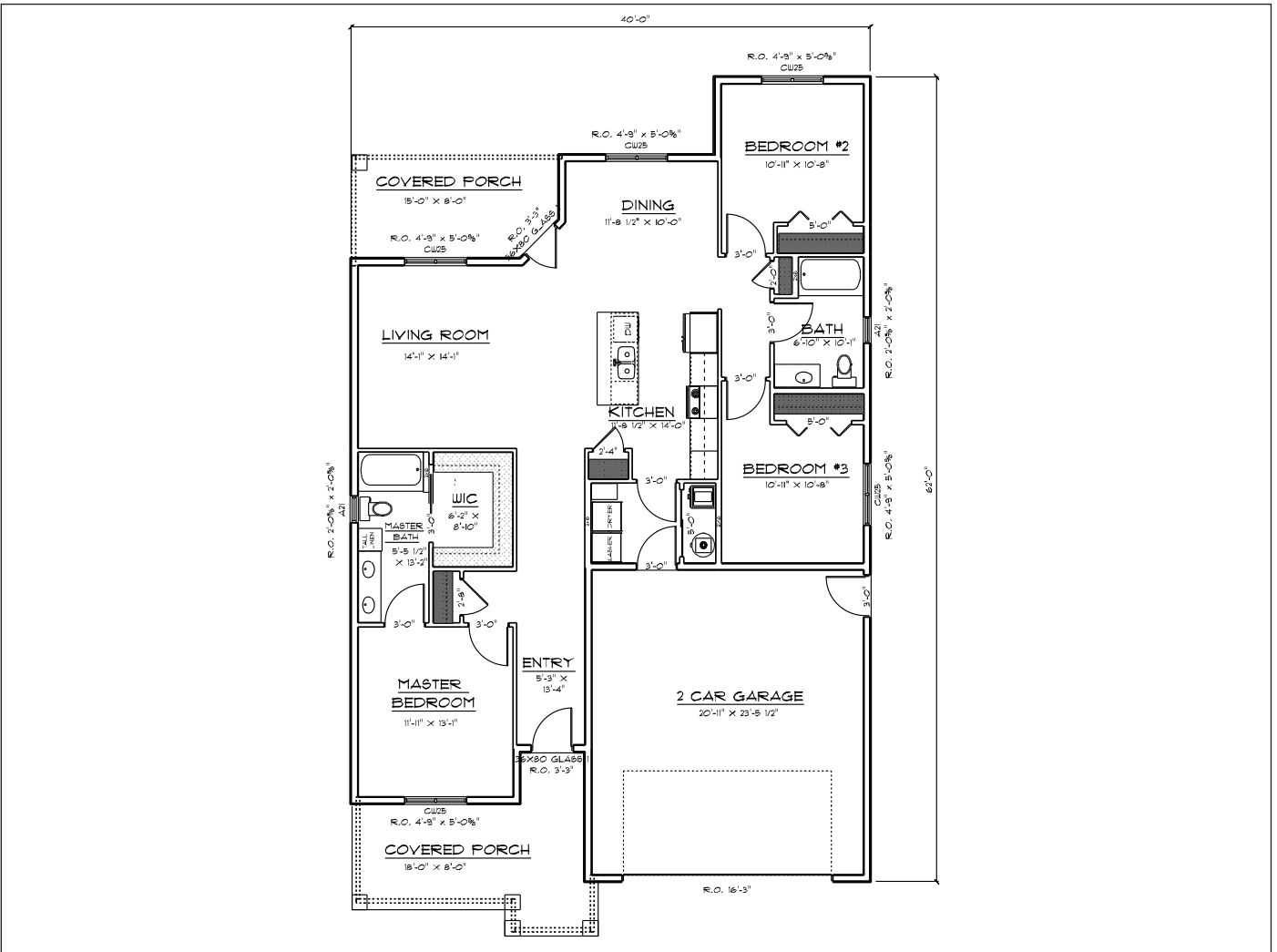


Single Family-Green Meadow



Style: Narrow lot, ranch
 Sq. Ft.: 1440
 Bedrooms: 3
 Bathrooms: 2 full

Description: This floor plan takes "cozy" to the max! It features an eat-in dining area and living area with a covered back deck.

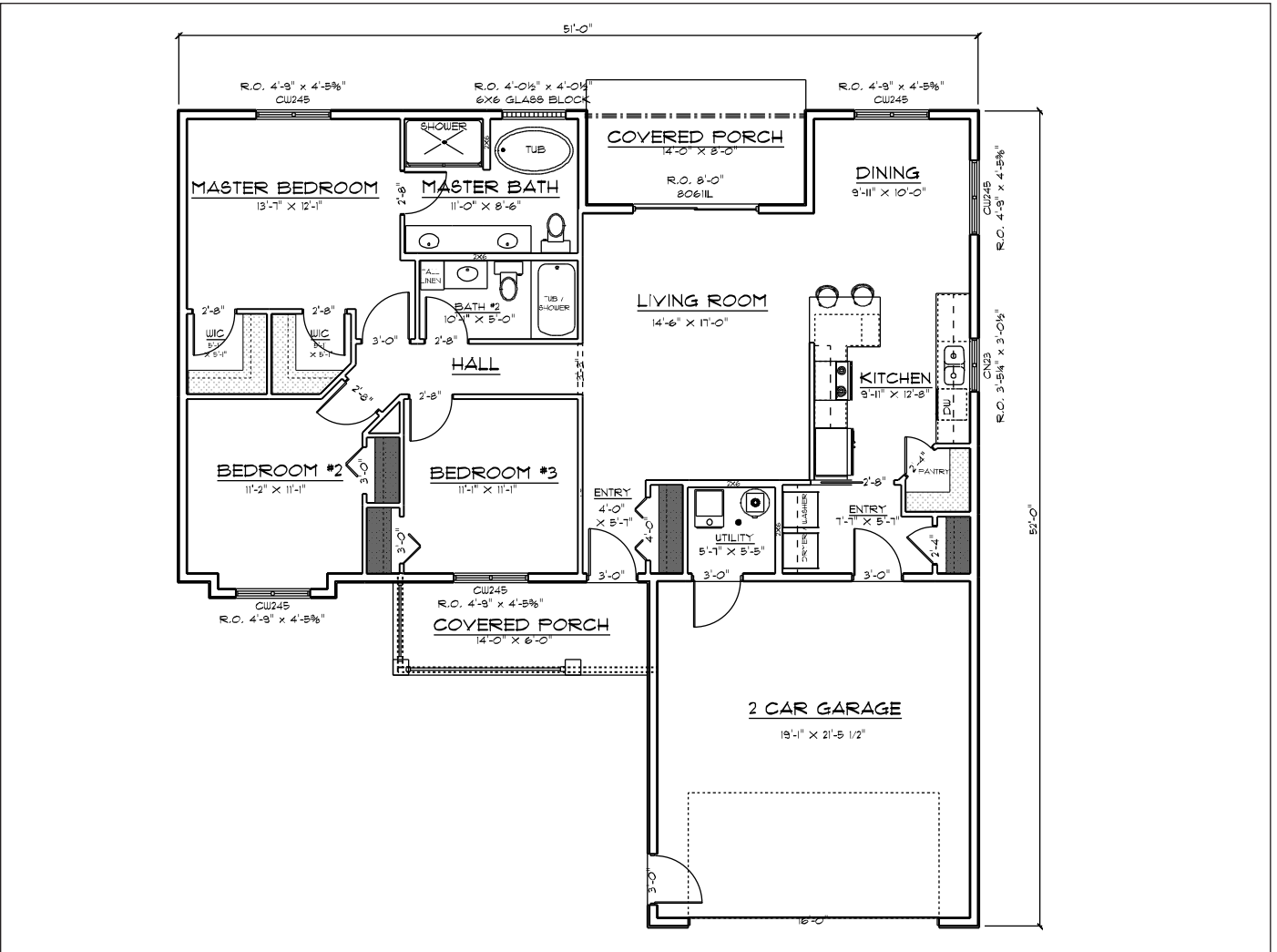


Single Family-Baylee



Style: Short lot, ranch
 Sq. Ft.: 1467
 Bedrooms: 3
 Bathrooms: 2 full

Special Features: Main floor laundry room.
 Description: This floor plan maximizes square footage! It features three bedrooms and two bathrooms in just over 1400 sq. feet, plus an open great room/kitchen area.



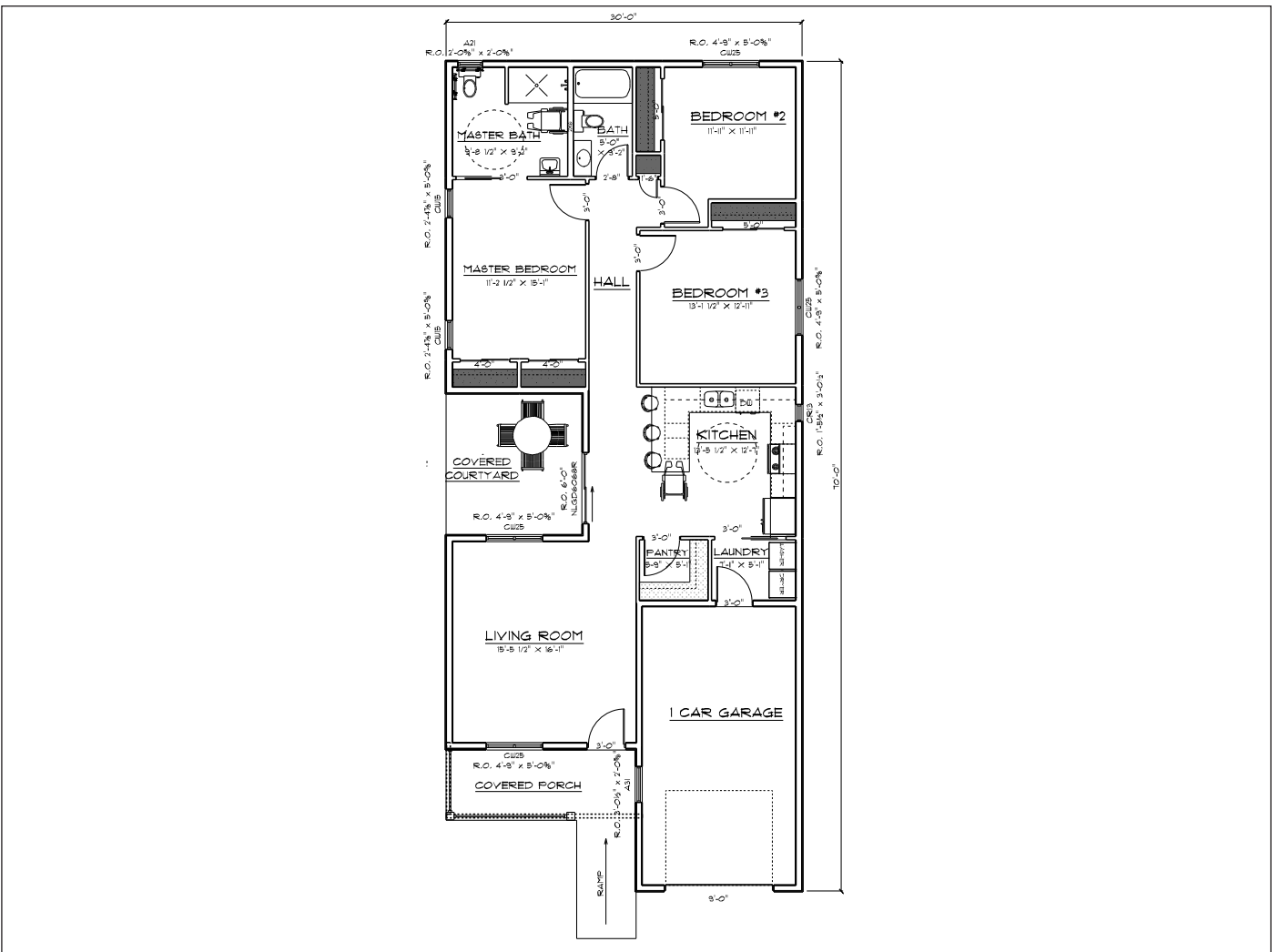
Single Family: Green Ranch



Style: Narrow lot, ranch
 Sq. Ft.: 1455
 Bedrooms: 3
 Bathrooms: 2 full

Special Features: 1 ADA bathroom.

Description: An excellent floor plan for a narrow lot. The Green Ranch features a covered front porch located right off the living room. A private courtyard located off the back living area creates the perfect outdoor escape.



Single Family: Lakeview

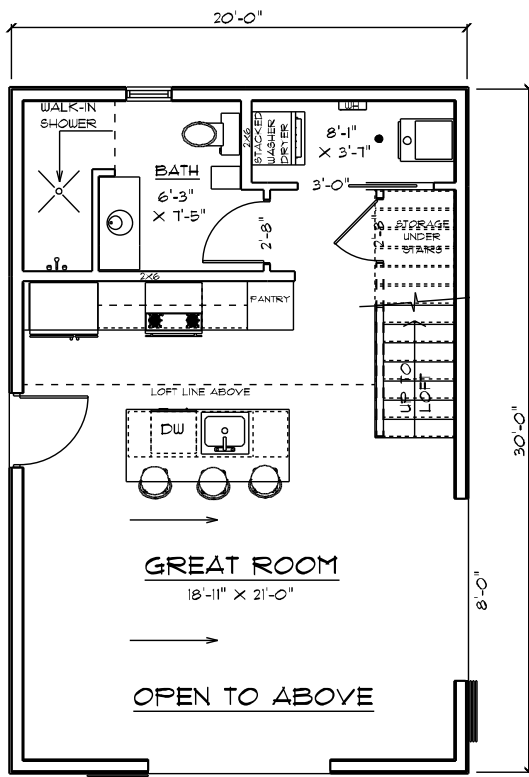
Style: Small house

Sq. Ft.: 840, 600 main/240 loft

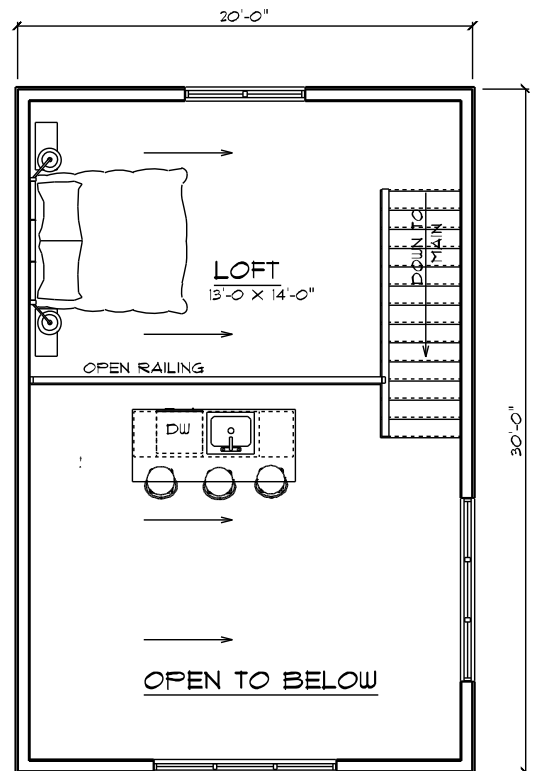
Bedrooms: 1

Bathrooms: 1 full

Description: Need a small house or added space on your property? Whether you use it as a stand-alone small house, retreat or simply as an overflow or guest house on your property, this plan provides flexibility. Designed by Domain Architects.



MAIN LEVEL



LOFT

Shouse is Hottest Trend in New Housing Construction

The commute to work from home is just a short inside walk when you combine a workshop with your new home. The flexibility of EPS building packages means it's easy to build for your unique lifestyle. For superior comfort and energy efficiency, combine a house with a shop or storage area built using Structural Insulated Panels (SIPs). Or, combine a SIP-built home with a post-frame shop storage area.

Regardless of the combination you select, your home and shop package will be engineered to fit together in one complete building package.

Only an EPS Shouse Provides:

Flexible Custom Shouse Designs

Don't settle for cookie cutter designs! Work with our on-staff design expert to custom design a Shouse that fits your needs. From floor plan concepts to elevation details, we can assist in getting it just right!

Superior Energy Efficiency

Using our Structural Insulated Panels to achieve unmatched, guaranteed energy performance for both elements of your project.

Guaranteed Energy Performance

EPS and your authorized EPS Dealer can provide a Home Energy Rating (H.E.R.S.) test. This testing is done by an independent third-party provider to assure that your home is built to the highest energy performance standards.

Performance of EPS homes have tested as much as two-times better than conventional construction.

Complete, Engineered Shouse Package

Your EPS Shouse is engineered to withstand the elements. All EPS Shouse Packages are engineered so the building components go together to assure strength and durability. This includes the entire Andersen Window product line.

Improved Pest Control

Using our superior Solid Core SIPs (Structural Insulated Panel System) means you drastically reduce areas and cavities for pests to compromise.

Clear Spans Provide No limitations

An EPS Shouse provides a flexible, clear span design to maximize living and work space.

Unmatched Performance and Value

Other building types cannot match the custom design, durability and energy performance of an EPS Shouse!

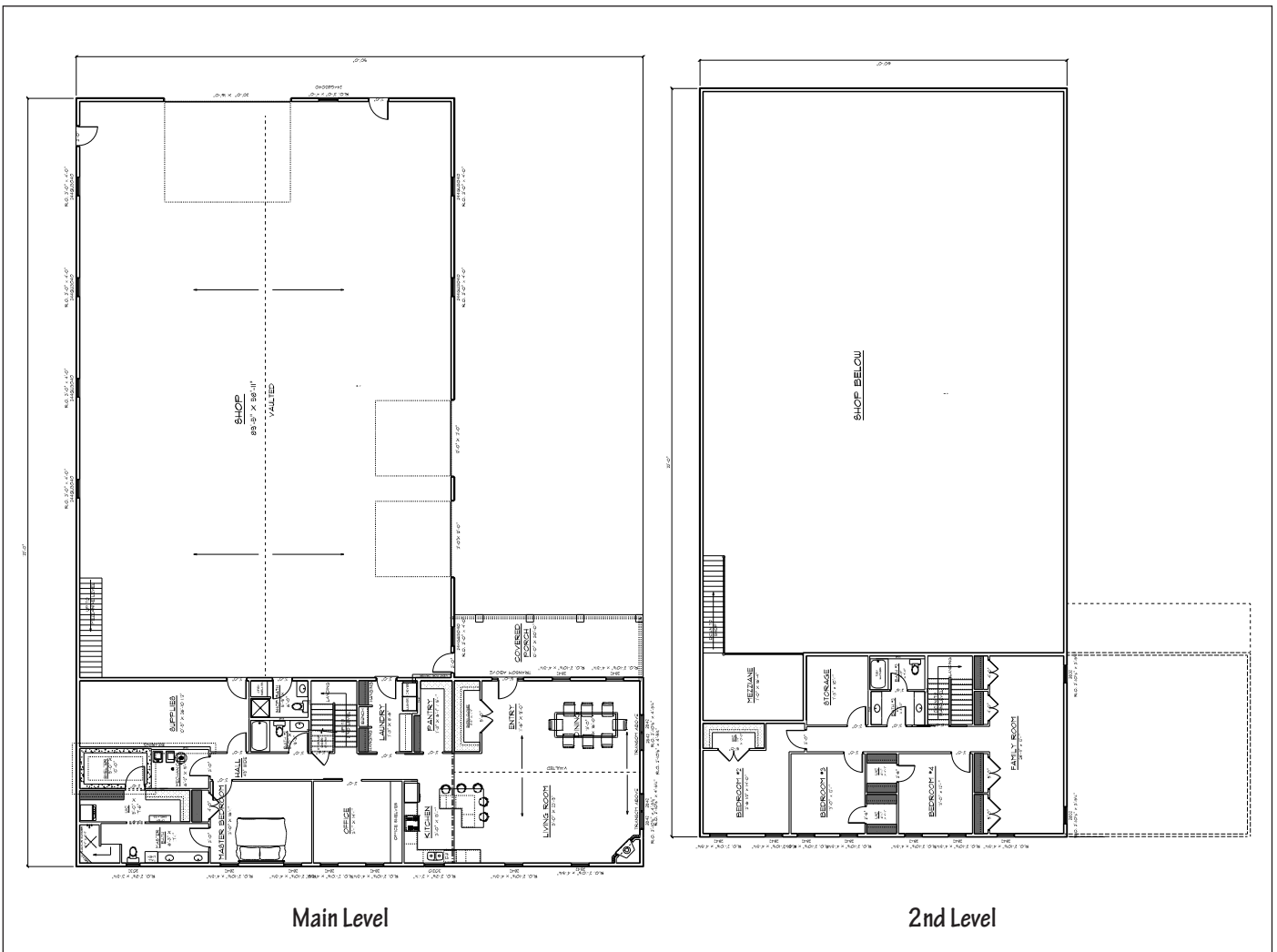


Shouse: Cedar Ridge



Style: Shouse, two-story
 Sq. Ft.: 5224, 2700/main & 2524/up
 Bedrooms: 4
 Bathrooms: 3 full

Description: This Shouse has it all! Main floor has a large master suite, office with direct access to the shop, a large supply room, and built in shelter room; an open concept complete with trapezoid windows to maximize the view. The second floor features 3 more bedrooms, a large storage room and a huge family room capable of entertaining large groups. Shop: 90' x 60' with 20' x 16' end-wall overhead door openings and 12'x12' overhead door openings.



Shouse: Auburn



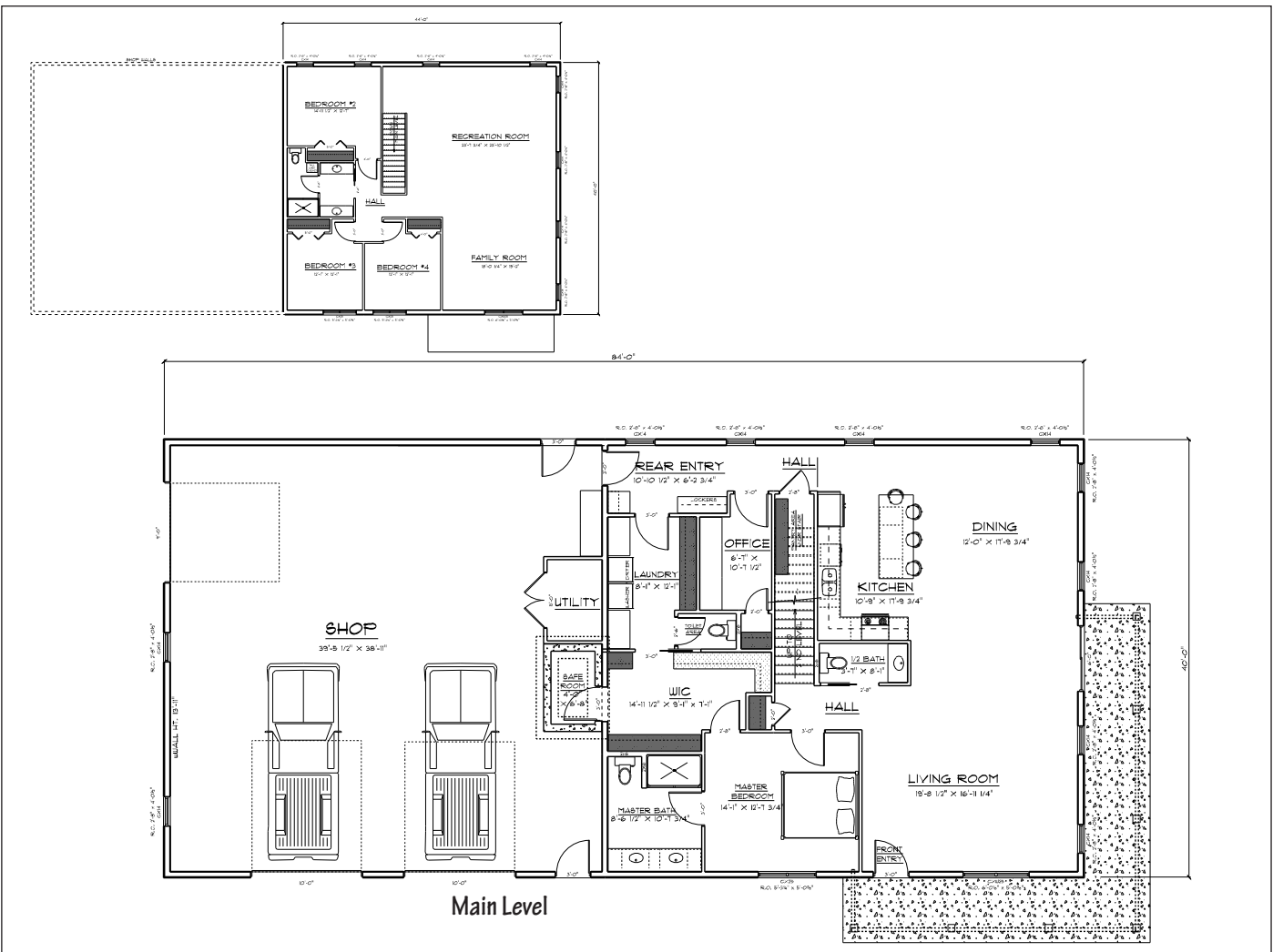
Style: Shouse, two-story

Sq. Ft.: 3520

Bedrooms: 4

Bathrooms: 2 full

Description: Perfect for today's modern rural families. It features a utility room right off the shop with access to the master bath and bedroom. An office right off the shop allows for easy access during those busy multi-tasking days. The main floor also features an open end concept with kitchen/living area that have tall view windows to maximize a view. Level two has 3 bedrooms, a bath and a large rec area. Shop: 40' x 40' with 3 overhead doors and man cave.

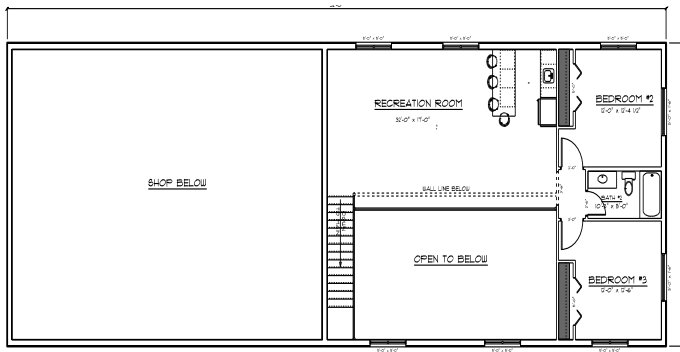


Shouse: Cherry Ridge

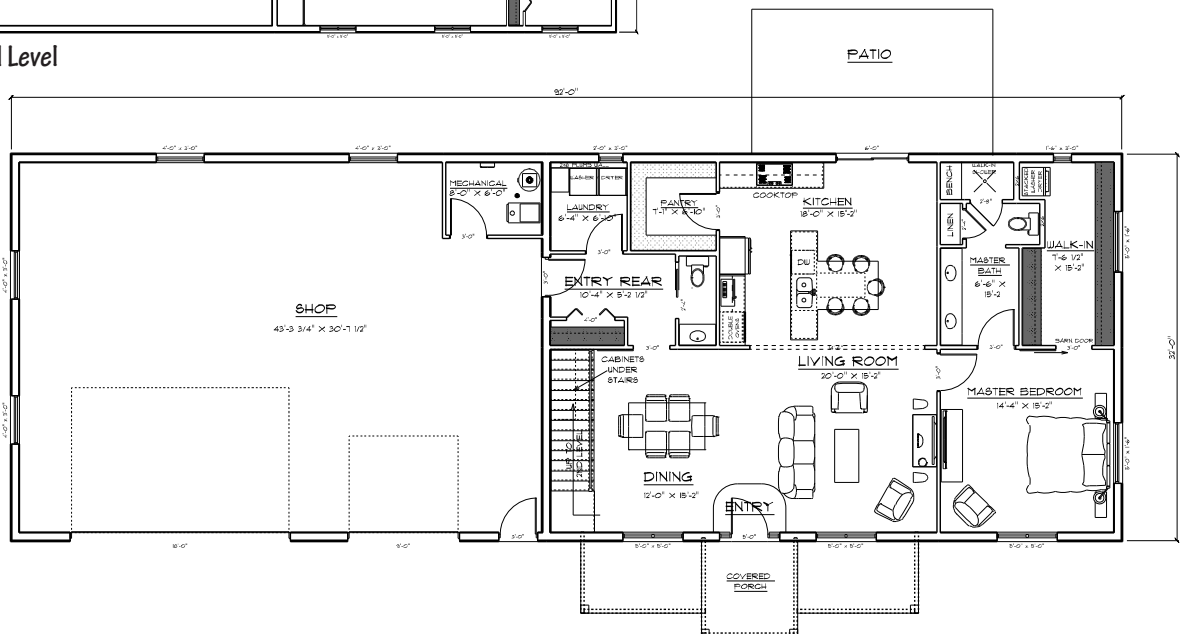


Style: Shouse, two-story
 Sq. Ft.: 2496-1536/main, 960/upper
 Bedrooms: 3
 Bathrooms: 2 full

Description: This shop/home features a large main level living area with master bedroom and bath along with an open kitchen living area and covered porch. The second level features two more bedrooms and a spacious rec room. Shop: 44' x 32'



2nd Level



Main Level

Shouse: Mayfield



Style: Shouse

Sq. Ft.: 1800

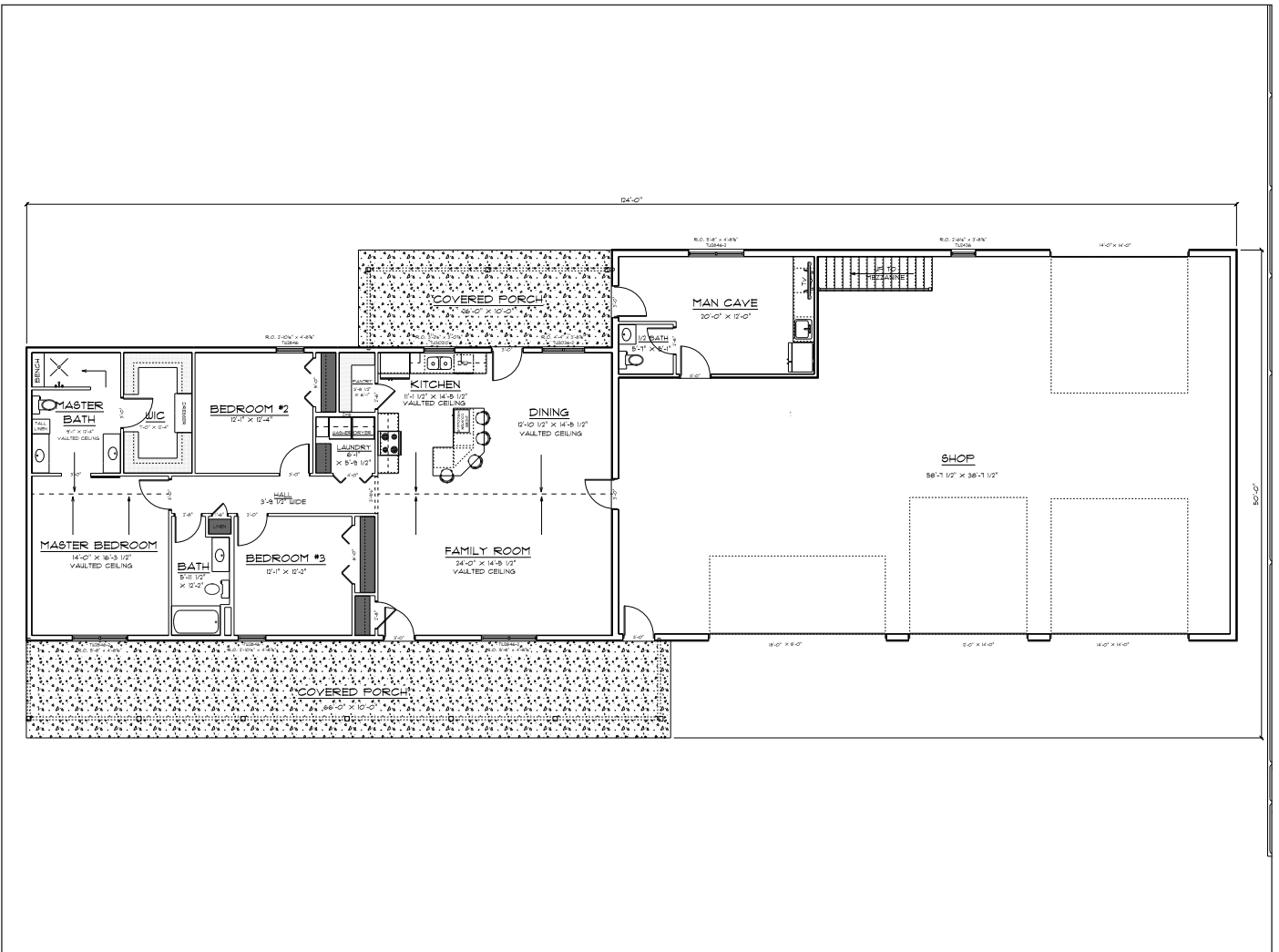
Bedrooms: 3

Bathrooms: 2 full

Description: This shouse features an open kitchen and family room. The master bedroom has a large walk-in closet. Enjoy a full-length, Ponderosa-style porch.

Shop: 40' x 60' with 4 overhead doors, plus man cave.

Shop: 40' x 60' with 4 overhead doors, plus man cave.



Measuring the Energy Efficiency of a home with a HERS Index Score

The Home Energy Rating System (HERS™) is the industry standard by which a home's energy efficiency is measured. It is the nationally recognized system for inspecting and calculating a home's energy performance.

Third-party raters conduct inspections to verify a home's energy performance at key intervals during home construction. The HERS Index Score can tell the home owner how efficiently the home will operate so modifications can be made for greater energy savings. This helps the home owner anticipate the costs of energy bills and efficiency upgrades.

The U.S. Department of Energy has determined that a typical resale home scores 130 on the HERS Index while a standard new home is awarded a rating of 100. The lower a home rates, the more energy efficient it is. Therefore, a home rating of 70 on the HERS Index is 30% more efficient than a standard new home and a rating of 130 is 30% less efficient than a standard new home.

The lower the HERS Index, the more energy efficient a home is, meaning lower energy costs for the home owner. A low HERS Index adds long-term value and comfort to a home. As energy costs continue to climb, efforts to save on utility bills, increase home comfort and reduce our impact on the environment are now more important than ever before.

Building with structural insulated panels from EPS can create a home that is extremely energy-efficient. SIPs are proven to be as much as 15 times more airtight and can save as much as 50% in energy costs compared to a standard stick-built home.

There are several benefits to having a new home energy rated:

Understand Whether a Home will be Energy Efficient or Not

The HERS Index Score functions as sort of the energy efficiency version of a MPG (miles-per-gallon) sticker for houses, and tells homeowners how their homes compare to similar ones in terms of energy usage. During home planning and design, a pre-rating can be done to determine the potential for energy savings.

Calculate a More Accurate Cost of Homeownership

Many prospective homeowners who are considering building a new home will look primarily at prices and mortgage options when deliberating the financial

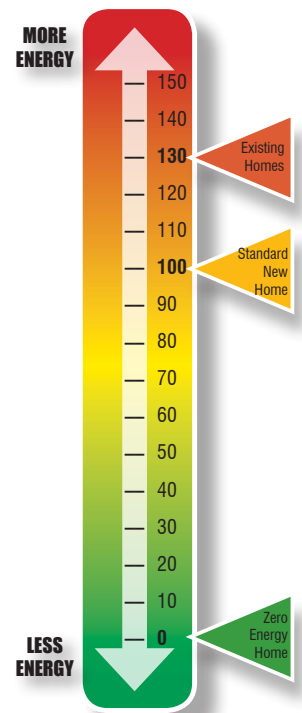
cost of the home. What they don't take into account are the energy costs. While it is natural to assume that it is the mortgage payments that constitute the main cost of homeownership, the fact is that when buying a home, the energy usage should also be factored into its cost as well. Otherwise, owners aren't getting an accurate picture of how much that home will cost to maintain and run, and whether or not it is affordable.

Enjoy a Higher Home Resale Value

According to RESNET (Residential Energy Services Network), there is real proof that energy efficient homes are worth more and enjoy higher resale values than their counterparts. A study conducted by Earth Advantage Institute, a nonprofit group, found that newly built homes that were certified as energy efficient sold on average for 8% more than non-certified homes. Not only that but certified existing homes sold for up to 30% more than their non-certified counterparts. In addition, another study, conducted jointly by the University of North Carolina and the Institute for Market Transformation, found that on average mortgage default risks were 32% lower on homes certified as energy efficient.

Improve Home Comfort and Reduce Energy Bills

Two things that impact homeowners directly are home comfort levels and energy bills. A drafty home, which is too cold in winter and too hot in summer, will also suffer from high energy bills. What that means is that all in all, the home is performing inefficiently as a complete system. Building with EPS structural insulated panels provides a tighter home envelope that reduces drafts and improves home comfort. To review HERS comparisons of EPS homes, visit www.epsbuildings.com



RV Lifestyle: Sequoia



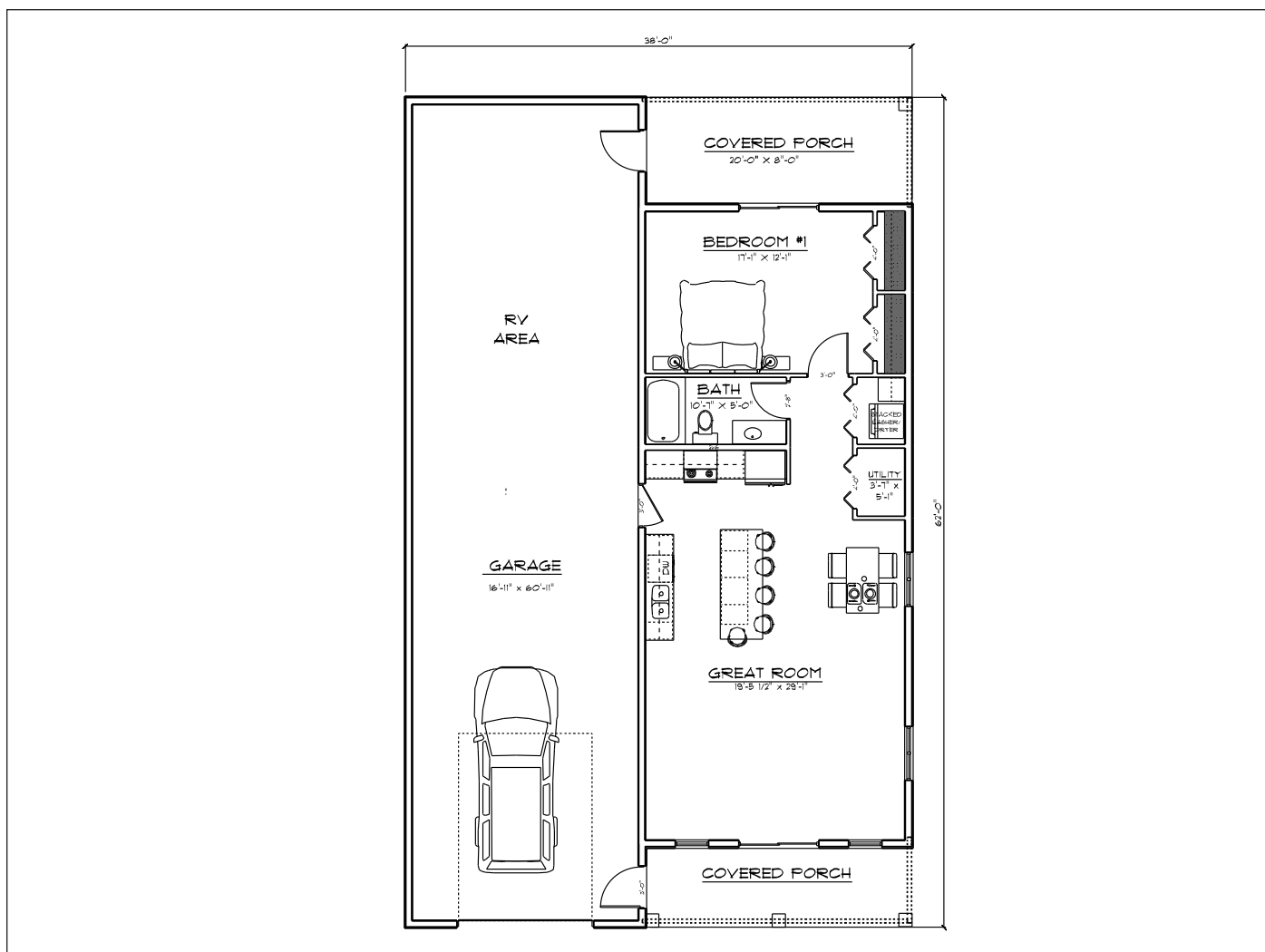
Sq. Ft.: 993/main

Garage: 1124

Bedrooms: 1

Bathrooms: 1 full

Description: RVer's desiring a simple, practical floor plan will appreciate the Sequoia. It features 1 bedroom and 1 bath along with a great room/kitchen combo that will fit all your needs. The garage is big enough to comfortably store up to a 32' long RV while still having space for your car or SUV.

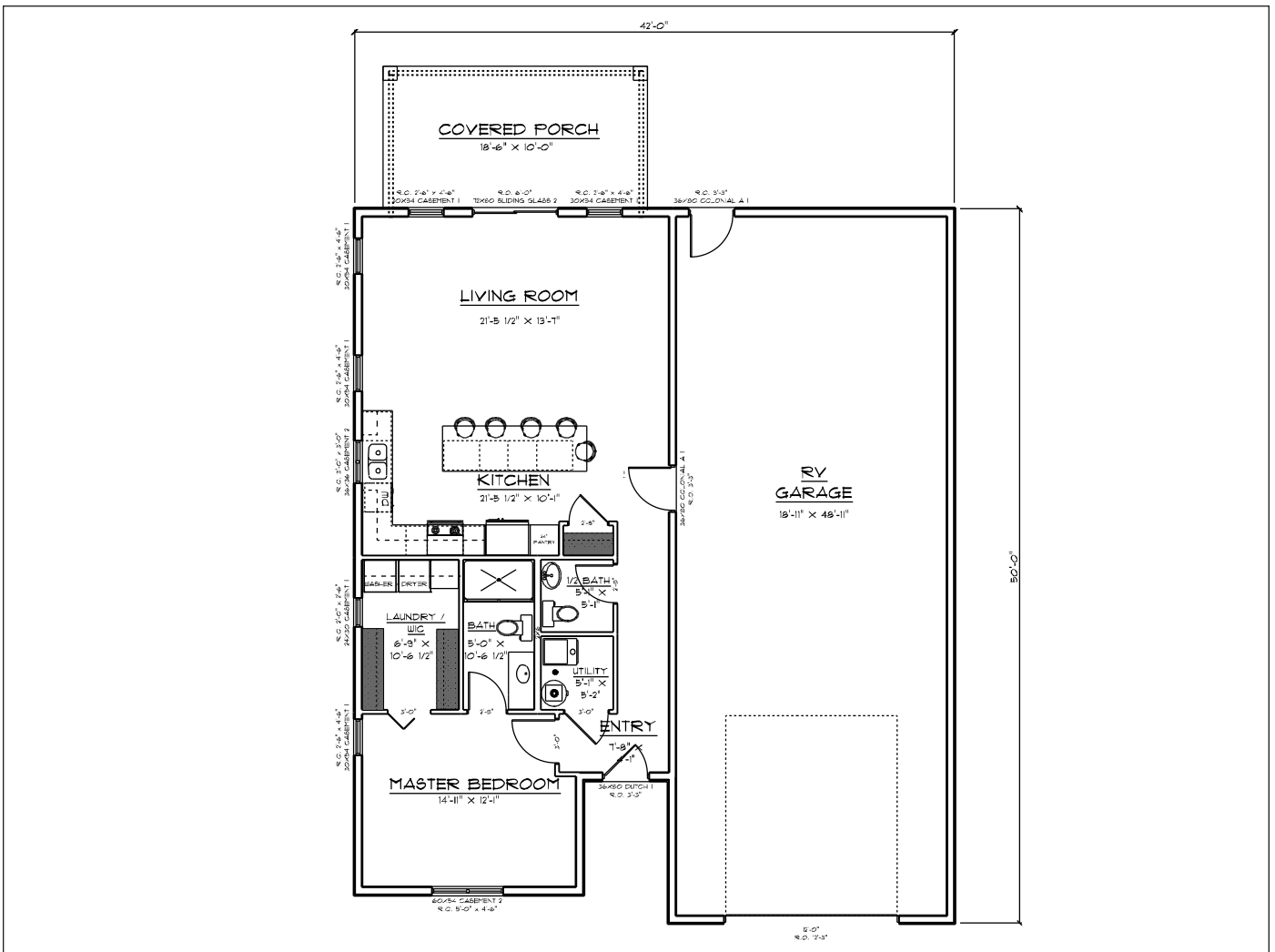


RV Lifestyle: Danali



Sq. Ft.: 1080/home
 RV Garage: 16' x 34'
 Main Garage: 22'11" x 23' 51/2"
 Bedrooms: 1
 Bathrooms: 1 full

Description: A little larger plan with 1 bedroom and a spacious kitchen/dining/great room. Bedroom has a walk-in closet and a roomy bath. The plan also incorporates a main floor laundry and furnace room.

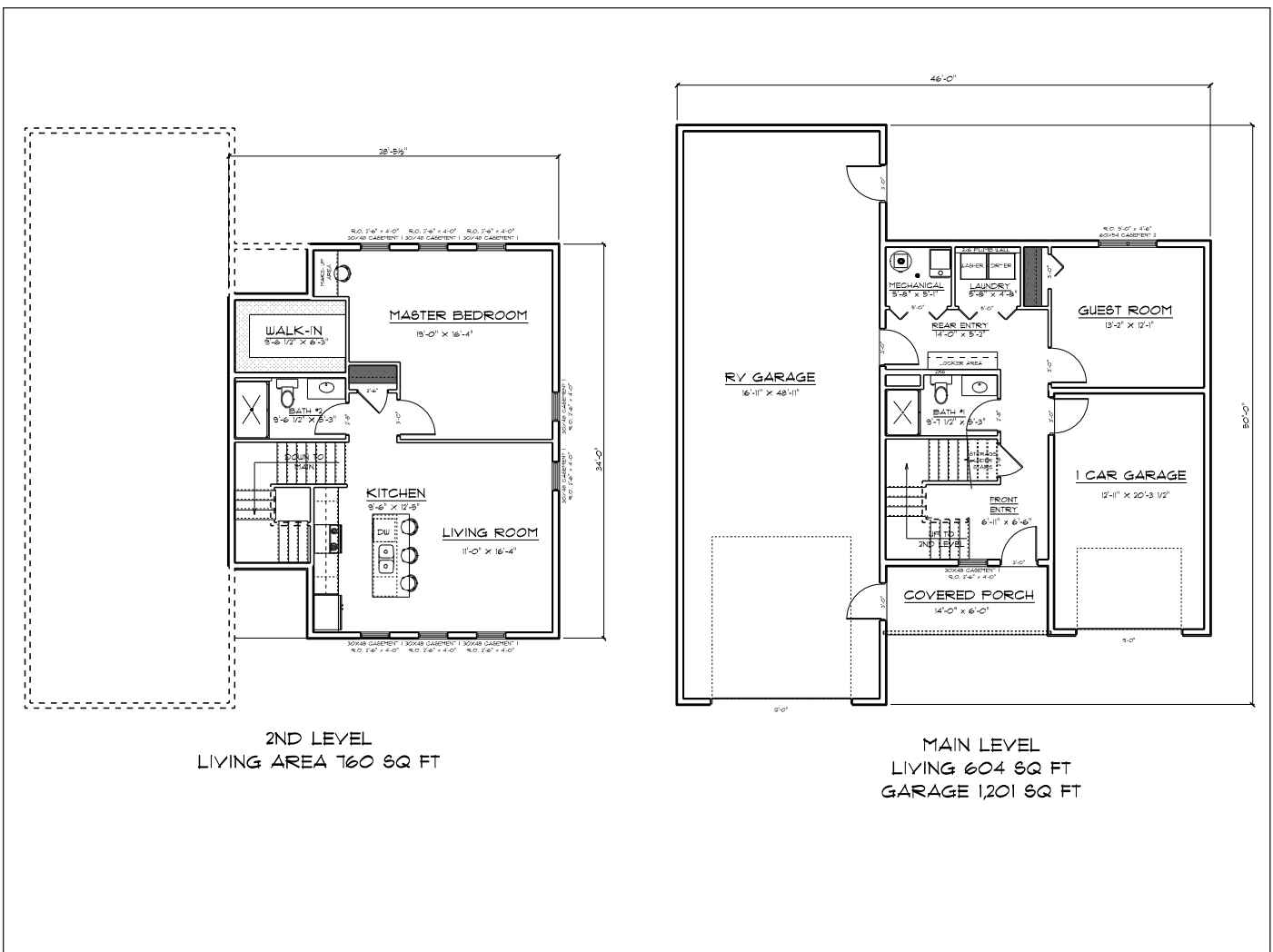


RV Lifestyle: Rainier



Sq. Ft.: 1364, 604/main, 760/upper
 Garage: 16'11" x 48'11"
 Bedrooms: 2
 Bathrooms: 2 full

A new twist to the RV Lifestyle design with plenty of room to accommodate guests! A guest quarters located on the main floor and a complete living area and master suite on the second floor. The main level features a guest room, laundry area along with a bath and furnace room. Upstairs you will find the master bedroom and bath along with a living area and kitchen.



EPS Basement Panels



MORE COMFORT

- ▶ Wood walls eliminate the damp “musties” that often accompany a concrete wall.
- ▶ Wood foundations make basements warmer and dryer than poured concrete or concrete block.

STRONGER

- ▶ Wood foundation walls are stronger than concrete block walls. A foundation wall's biggest challenge is resisting lateral forces rather than holding up the weight of the building.

BETTER

- ▶ Energy Efficiency: EPS panelized foundation panels have R-Values of 33. It would take 412” of concrete walls to equal.
- ▶ Design flexibility: EPS panelized foundation panels can be easily designed for any building type, size or shape.
- ▶ Treatment of a minimum of .60 lbs./ft³ of preservative retention meeting AWPA standard C22. The preservative treatment is effective in resisting damage from moisture and insects.

EASIER

- ▶ Wood foundations for most homes and small commercial structures can be installed in a day, as opposed to at least 4 days for forming, pouring and curing.
- ▶ Panelized foundations allow ease of construction scheduling.
- ▶ Ease of finishing: panelized walls, attaching drywall, paneling and trim is made simpler.

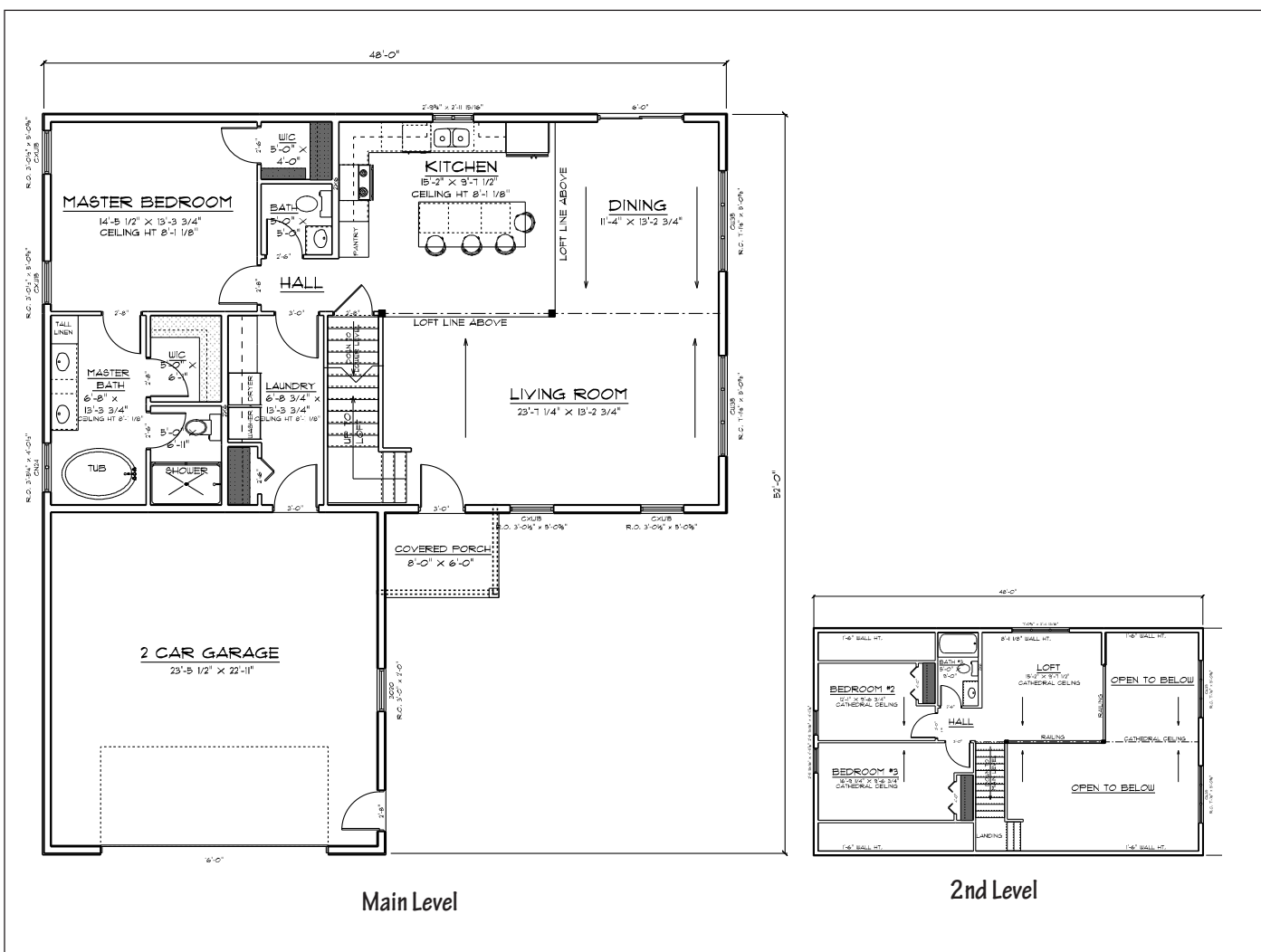


Cabin: Aspen



Style: Loft
 Sq. Ft.: 1995
 Bedrooms: 3
 Bathrooms: 2 full

Description: This loft-style home is designed to maximize a view! The floor plan features an open, airy design with a second story loft to be a window on the world. Whether you choose a lakeshore, a mountain or your own acreage, the Aspen fits a variety of lifestyles.



Cabin: Boulder



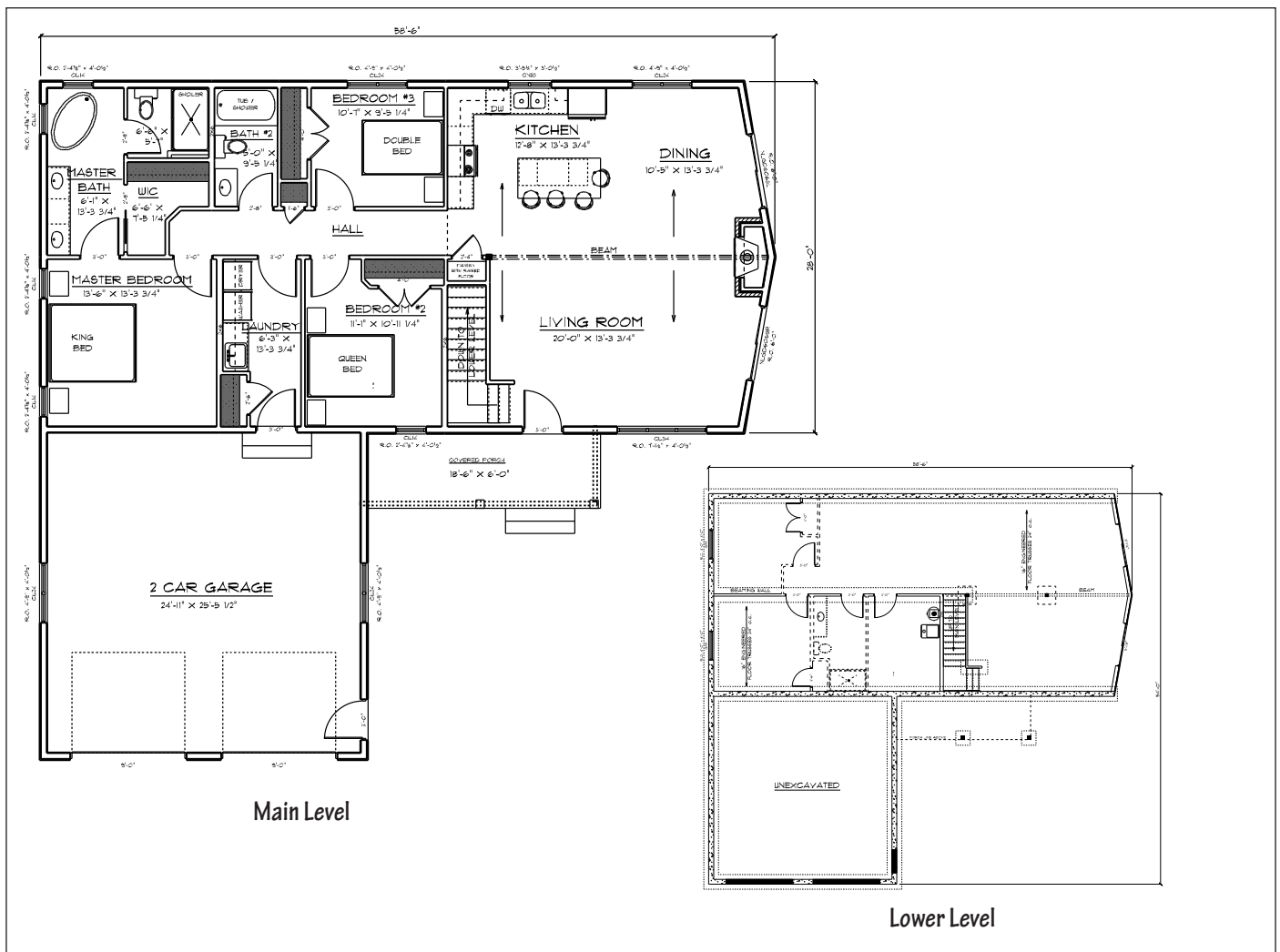
Style: Prow

Sq. Ft.: 1611

Bedrooms: 3

Bathrooms: 2 full

Description: A great single-story view maximizer featuring a large open great room with open kitchen dining room. Relax and enjoy all the views outside of the large trapezoid windows. Whether a full-time residence or a weekend getaway, the Boulder plan is extremely flexible.

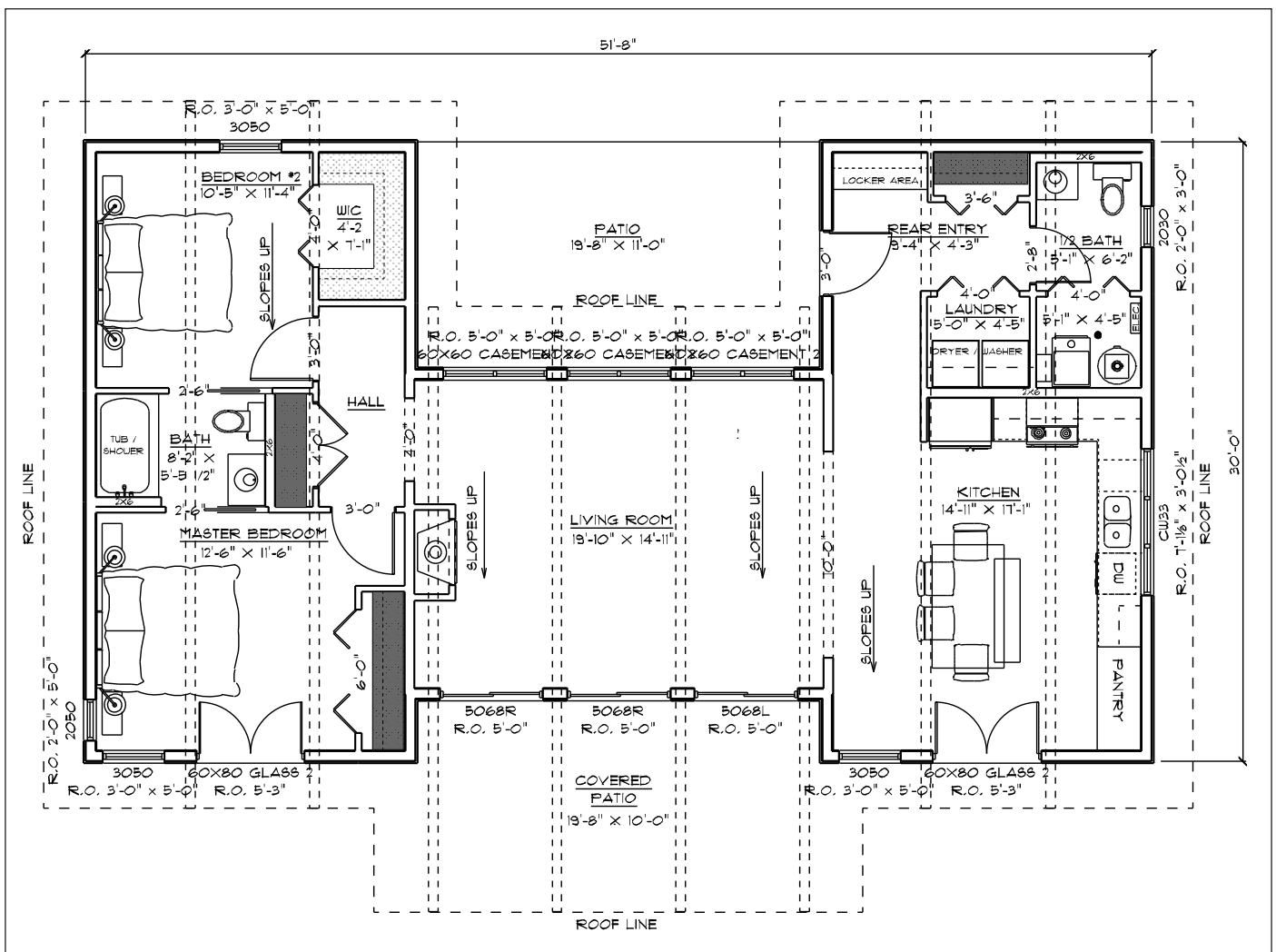


Cabin: Water's Edge



Style: Cabin
 Sq. Ft.: 1290
 Bedrooms: 2
 Bathrooms: 2 full

Description: Open spaces and minimization of hallways. Can accommodate a full basement, crawl-space or slab foundation. Design features full-length windows, large overhangs and exposed wood beams. Designed by Robinson Residential Design.



Cabin: Alpine



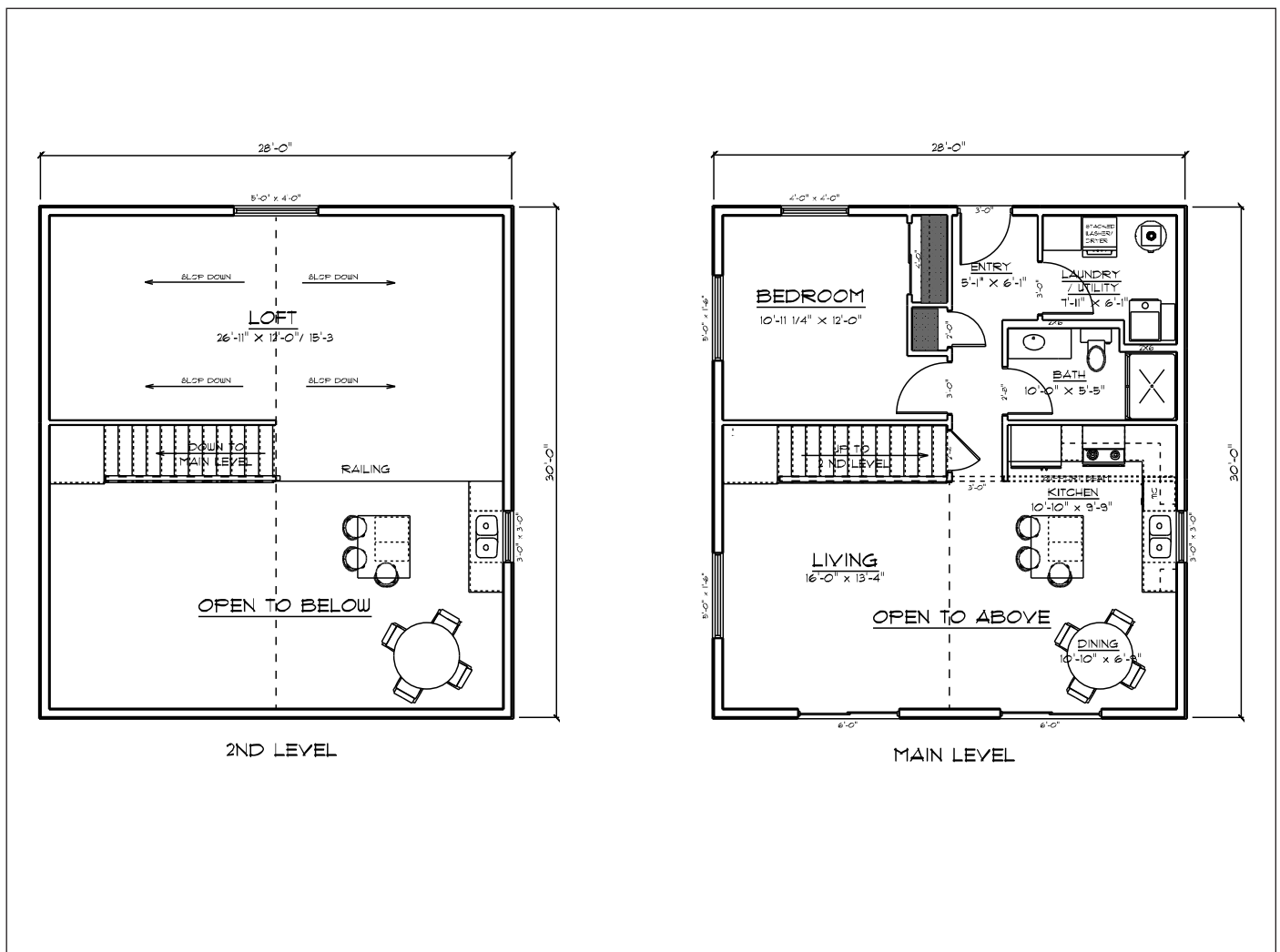
Style: Loft-style cabin

Sq. Ft.: 1204

Bedrooms: 1

Bathrooms: 1 full

Description: This entry level, lofted cabin offers amazing flexibility. The second level loft area offers great flexibility, perfect for partitioned bedrooms, bunks or just open storage.

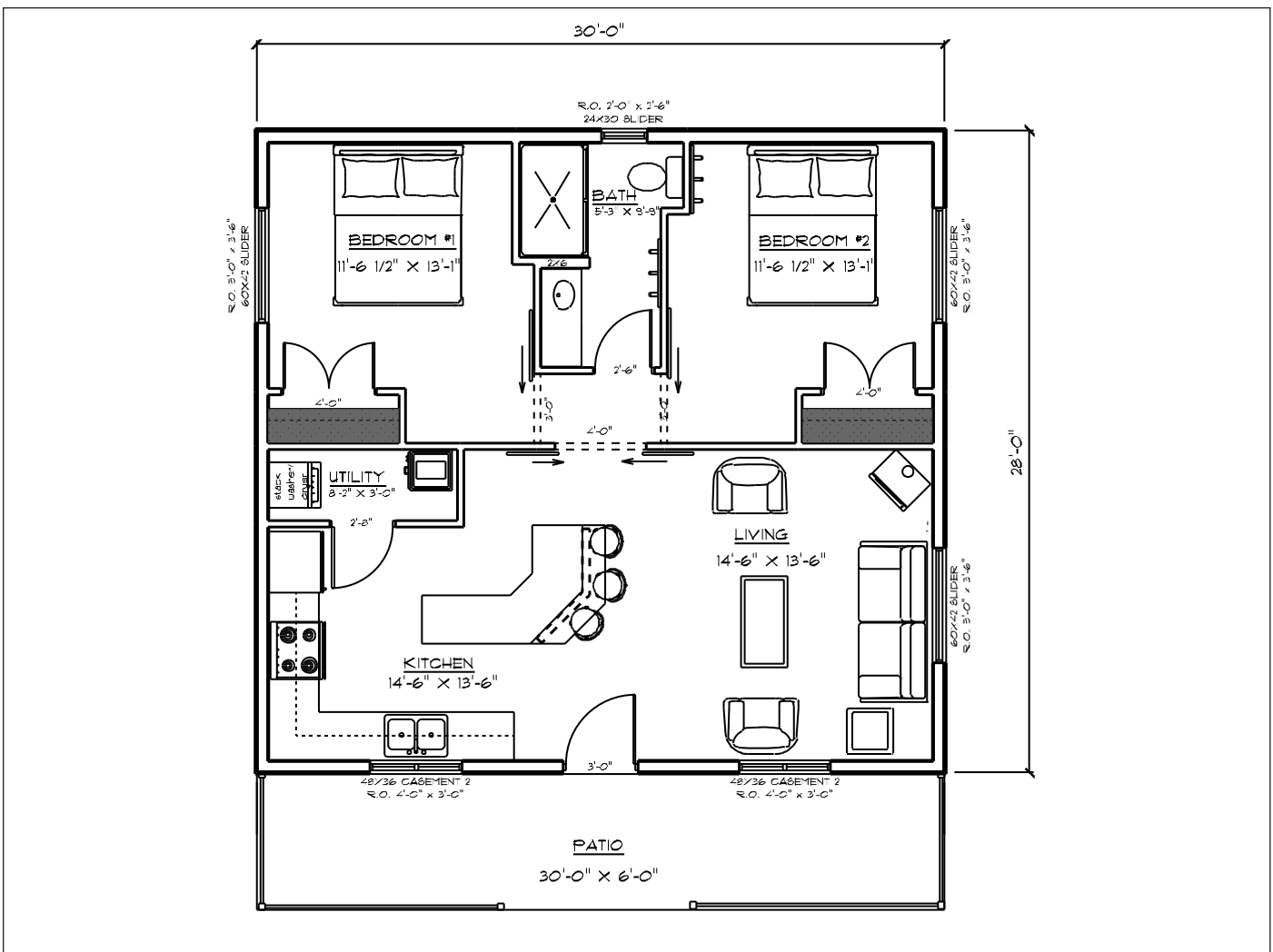


Cabin: Rushmore



Style: Cabin
 Sq. Ft.: 840
 Bedrooms: 2
 Bathrooms: 1 full

Description: This design features a mono-slope roof and covered porch for the perfect getaway.

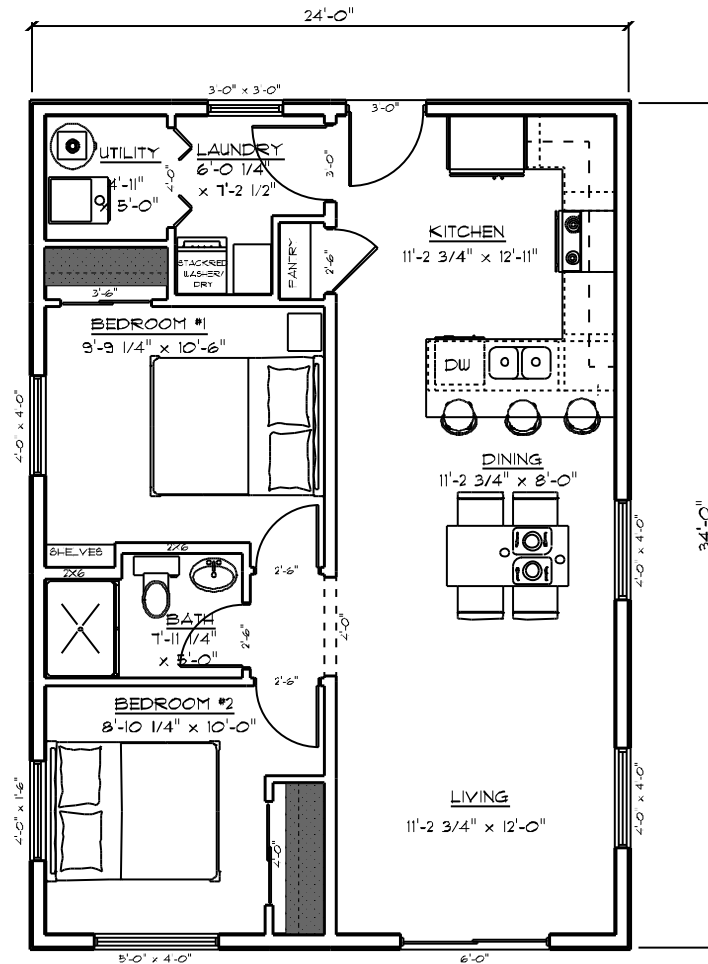


Cabin: Sheppard's Glenn Cottage



Style: Cottage
 Sq. Ft.: 825
 Bedrooms: 2
 Bathrooms: 1 full

Description: An amazing entry level cottage design with all the features you desire! The floor plan packs two bedrooms, a bath and a main floor utility area in under 900 square feet of living space.



SHOP & HOUSE = SHOUSE

Perfect Combinations

**WITHOUT
COMPROMISE**
Only from EPS

The commute to work from home is just a short inside walk when you combine a workshop with your new home. The flexibility of EPS building packages means it's easy to build for your unique lifestyle. For superior comfort and energy efficiency, combine a house with a shop or storage area built using Structural Insulated Panels (SIPs).



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**Experience the
Difference**

In A New Home Built by EPS

EPS has been manufacturing homes and other structures with Structural Insulated Panels since 1981. (SIPs) join high-performance rigid foam insulation to Oriented Strand Board (OSB) or plywood. The thickness of foam is adjusted to increase R-Value.

01 Lower
Ownership Costs.

02 Enhanced
Comfort.

03 Flexible,
Custom Designs.



Whatever design you are searching for, we can build it! From walls of windows, to vaulted ceilings or lofts, every EPS project is custom designed for your lifestyle.



Your new home is built at your site, by a trained and experienced professional. First, your home is manufactured using the most advanced technology.



Save energy in an EPS home! Structural Insulated Panels save up to 50% in energy costs and are as much as 15-times more air-tight than conventional construction.



EPS homes meet the goal of comfort. A new home built with Structural Insulated Panels reduce air movement and drafts, moisture, noise and helps keep dust and allergens from penetrating.



Phone: 712-859-3219

epsbuildings.com

100% Employee Owned—100% Committed to Quality

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