

The



Way



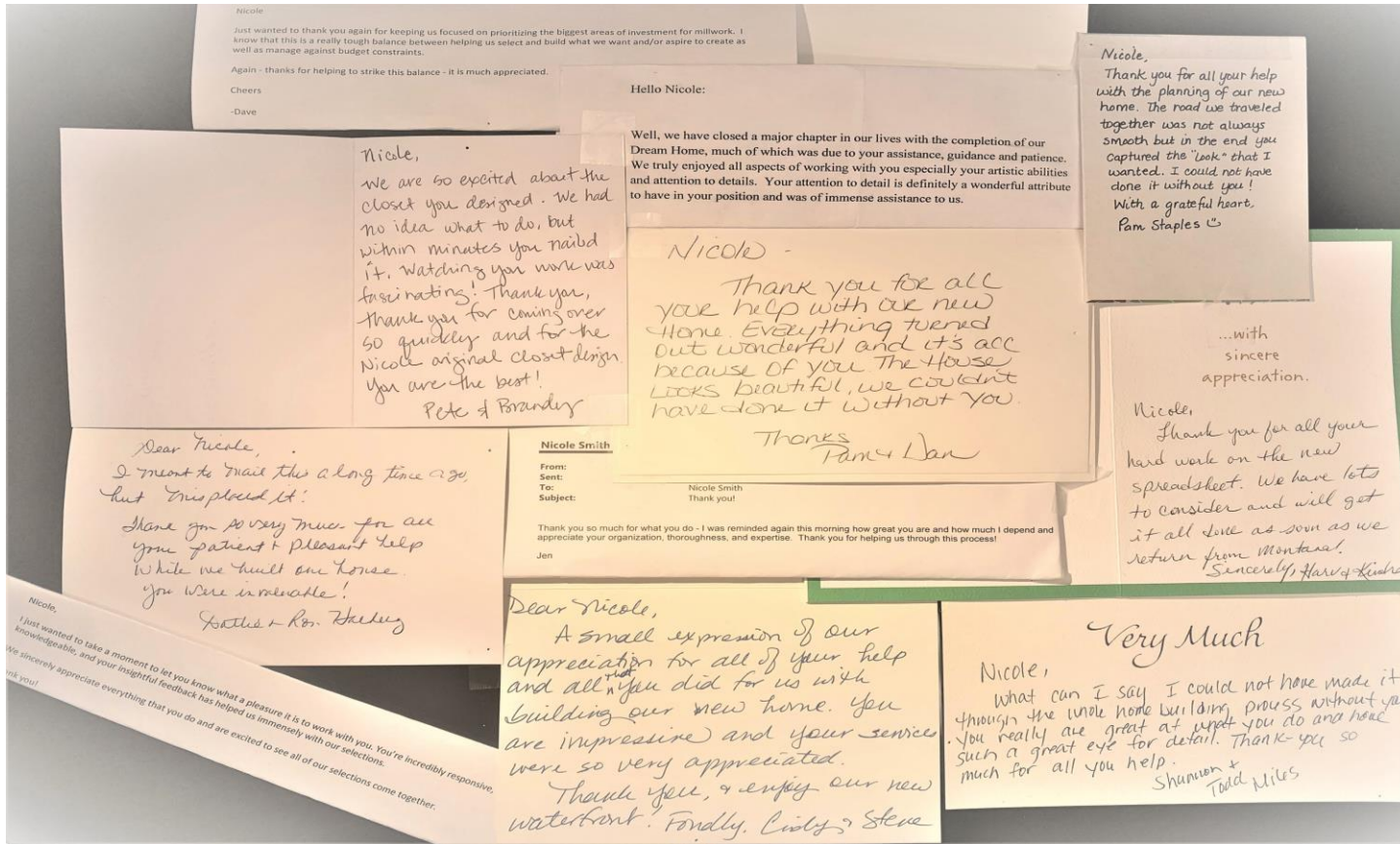
Customization

- ▶ Most of our clients build their last home with us.
- ▶ Every home is tailor made to each client.
- ▶ I (Jon Girod) personally work with our clients and designers to get the home plan just right.
- ▶ A well detailed plan allows for terrific execution.



Interior Design Selections

Our clients love our in-house Interior Designer Nicole!



Client testimonial:

“Nicole was TERRIFIC! Even though we built/designed houses for 20 years we really depended on her guidance/input. We got to the point that we checked with her before making any design decisions. Because of that our house came out even BETTER than anticipated. She was also able to take our design ideas and help translate them into reality”

Visit the Quail website gallery to view Nicole's work



Communication

PRE-START:

Approved Preliminary Plan: 5-20-20
Selections start: 5-29-20
Purchase and Sales Agreement: 6-20-20
Final Plans Received: 6-30-20
Submit Building Permits: 7-1-20
Loan Closing: 7-20-20
Selections Approved: 7-30-20
Receive Building Permits: 8-3-20
Superintendent Review: 8-6-20
Pre-Construction Meeting: 8-10-20

START:

Start Construction: 8-12-20
Pre-frame Walk Through: 8-28-20
Window & Door Walk Through: 9-23-20
Framing & Mechanical Walk Through: 10-14-20
Electrical Walk Through: 10-20-20
Siding Walk Through: 10-27-20
Millwork Walk Through: 11-4-20
Hard Surfaces Walk Through: 11-18-20
Concrete Walk Through: 12-14-20
QC Walk Through: 1-4-21
Orientation: 1-11-21
Closing: 1-20-21
Move In: 1-22-21

**At Quail we believe
that communication is
key!**

Sydney Lennon is our
Construction Coordinator.
She keeps our process
communicated with our clients
weekly with our “Weekly Status
Report”

To the left is an example of a
build schedule and process that is
included in each clients weekly
and updated with the most
current information by our team
every week!



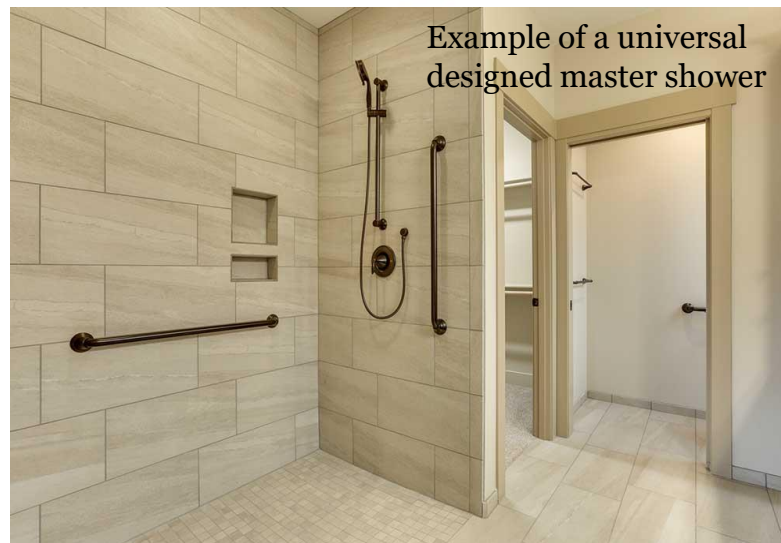
Benefits of a Universal Design Home

- ▶ Wider hallways and door openings
- ▶ Greater resale value
- ▶ A home that is safe and accessible for everyone!
- ▶ Raise electrical outlets
- ▶ Multigenerational households
- ▶ Lower light switches
- ▶ Zero threshold showers
- ▶ Minimizing steps
- ▶ Lever door handles
- ▶ Blocking for current or future grab bars



Example of wide-open hallways

Lever door handle



Example of a universal designed master shower



We take pride in keeping our homes clean and protecting surfaces!



Millwork carpenter cutting in the garage to keep dust out of the house



Don protecting surfaces



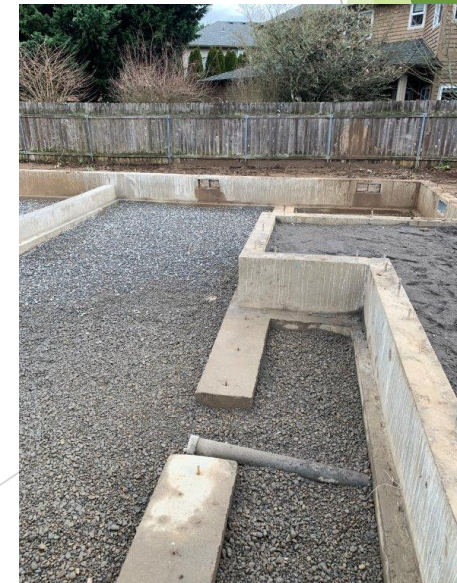
Drainage & Crawl Space

Low point drain



Foundation is graded towards the perforated pipe to ensure proper drainage

Properly prepared crawl space





Lot Drainage Grading

Proper grading is one of the first lines of defense needed to successfully manage lot drainage!





Subfloor Construction

Joists on 16" centers for less deflection.
Minimum of 7/8" sub floor material for added strength.





Subfloor Glue & Screw

As part of our quality control process, we double, and triple check all subfloors to prevent future floor squeaks





Building Envelope

The building envelope consists of:
Roof, walls, foundation, doors, windows, ceilings and their related
barrier and insulations.



Why building envelopes are so important:

1. Helps protect the home from the elements
2. Supporting mechanical loads
3. Aesthetic appeal
4. Climate control
5. Higher control of indoor air quality



Build Them Tight

The Aero Barrier air sealing system, seals all building envelope leaks up to 1/2" and down to holes as small as a human hair!

Below are a few of the benefits of this system:



Experience dramatic savings

See immediate savings of up to one-third on heating and cooling



Diminish outside noise

Up to 40% reduction in outside noise from traffic and neighbors



Enjoy a more comfortable home

More consistent room-to-room comfort with fewer drafts



Improve indoor air quality

Help seal out pollutants and allergens to create a healthier indoor environment



Prevent moisture intrusion

Reduce conditions that can lead to mold growth within the wall system



Defend against insects and pests

Seal gaps and holes to create the first line of defense against critters and pests

For more information visit the Aero Barrier website at:

<https://aeroseal.com/aerobarrier/>



Ventilate Them Right!



Lennox Carbon Clean 16 Filter:

- Removes 99.9% of all particles like pollen, dust and pet dander
- Removes over 90% of viruses such as MRSA, flu and cold.
- Remove chemical odors and vapor

Fantech Hero 150 HRV:

- Continuously supplies fresh, filtered air into the home while removing the equal amount of moist, stale air.



Humidity Sensor Panasonic Fans:

- Removes excess moisture from the air to prevent wall damage, mildew and mold growth.



Conventional vs Blown-In Insulation

Blown-in fiberglass insulation
over staggered studs

A Quail Standard



Conventional batten
fiberglass insulation over
conventional 2x4 studs



Why Quail prefers blown-in insulation:

- Fast, professional installation
- Reduces air infiltration more than traditional batt-type insulation
- Gives higher R-values, saving you energy and money
- Non-flammable
- Does not absorb moisture, therefore, will not support mold growth
- Superior sound control



Quiet—Insulated Interior Walls: A Quail Standard!!



3 Main benefits of insulated interior walls:

1. Sound absorbency
2. Efficient heating & Cooling
3. Better moisture control



Heat Loss Through Studs



If studs are directly in contact with the inside AND outside of the wall, they act as a thermal bridge creating an easy pathway for heat to leave the home, resulting in unwanted heat loss.



Exterior Wall Construction

Conventional stud construction



With traditionally studded walls, both sides of the wall connect to each other via the studs between them. This connection allows sound to travel through the wall to the other side and creates a thermal bridge for energy to escape.

Staggered stud application



Staggered-stud framing keeps the two sides of the wall from touching, reducing sound travel and allows for a thermal break.

A Quail Standard



Roof Truss Design

Conventional
Heel Truss System



Raised
Heel Truss Construction



Raising the truss higher has two big advantages: it greatly simplifies attic ventilation, and it leaves ample room for insulation above exterior wall top plates.

A Quail Standard



Mechanical Rooms & Ducts In Conditioned Space

Conditioned Air Space



Unconditioned Garage Space



Benefits of Conditioned air space:

1. **ENERGY EFFICIENCY:** Allows for better performing HVAC system
2. **ENVIRONMENTAL PERFORMANCE:** Better indoor air quality control
3. **DURABILITY:** Reduced likelihood of condensation that could lead to moisture related problems

A Quail Standard



Flatwork

Pete with TNT Concrete has been with Quail since the early 1990's. He and his crew are experts in all finish types, true craftsmen!

They focus on proper compaction, grading, minimizing steps and providing an excellent finished product!





Quality Control Warranty



1. We ensure that all subs and vendors follow the same quality protocols as outlined in the National Association of Homebuilders (NAHB) Performance Guidelines.
2. We use detailed process and check lists throughout the build that reduce surprises and mistakes.



Solar



Quail is moving towards building “net zero” homes with installation by CapStone Solar.



Benefits of using solar on your future home:

1. Save, Save, Save! - Living in a net zero home means you don't have to pay utility bills. Instead, all the money goes back into your savings!
2. Good Investment – Building a net zero energy home means a higher resale value!
3. Environmental Sustainability - A net zero home has zero carbon emissions!
4. Tax Incentives – Homeowners may be eligible for the Federal investment tax credit for building a new zero energy home from going solar!

For more information visit www.CapStoneSolar.com



Solar Battery Backup System



9.8 kWh Nominal Energy	10 year Warranty Period
 Emergency Back-Up	
 Proven Safety	
 Compact Design	
 Easy to Scale	



Connected Add-Ons



EV Charging



Generator Compatible



Consumption



Battery Backup

SolarEdge Smart Energy Hub Inverter with Prism Technology + LG Home Battery RESU 10H.

RESU is the NEW smart energy appliance for your home. When combined with the SolarEdge Smart Energy Hub with Prism Technology you can stay connected when the grid is off. The system provides power to the home during outages and peak utility times for maximum solar use, self consumption and savings.



Preferred Lenders

We work hard to provide our clients with the best our market offers. Below you find honest, prompt, kind and trusted professional ready to assist you.



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