



PRIVATE PLAN REVIEW
FLORIDA SPECIALIZED INSPECTIONS, LLC
REVIEWED
BY BOBBY MCKINNEY
PX2292

Tyree House Plans

Tyree House Plans has designed beautiful, award-winning homes since 1991. Builders and homeowners throughout the world have used Tyree House Plans to build dramatic and elegant residences.

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The Crew Cut House Plan

Plan THP168 was first published on August 15, 2025, with the most recent modification on August 15, 2025 and is designed to meet the requirements of the 2024 International Residential Code. All drawings are scaled at 1/4 inch equals 1 foot, unless noted otherwise.

Crew Cut is an adorable beach house plan that we designed for narrow lots. We wanted to utilize every space with this plan in order to comfortably have four bedroom suites. Bedroom suites two, three, and four have showers. Bedroom suite one has the classic tub/shower combo and also features a sundeck. The kitchen and living open to the rear porch with an extended sundeck area. On the ground floor there is open parking for 4 vehicles and an oversized storage room for all your fun beach gear. There is an outdoor shower to help keep the sand outside.

Construction Location:
740 Russell Street, Longboat Key, FL 34228

Legal Description:
The northwesterly 70 feet of Lots 6 and 7, Block 17, Longbeach, according to the plat thereof, recorded in Plat Book 6, Page 66 of the public records of Manatee County, Florida; being the same property described as the north 70 feet of Lots 7 and 8, Block 2, Longbeach revised, according to the plat thereof recorded in Plat Book 1, Page 306 of said records; less and except that portion lying within 50 feet of the alley running through the center of said block and parallel to Russell Street.

Owner:
Anthony Gonzalez
(678) 525-1777

Index

- 01 Cover
- 02 Site Plan
- 03 Drainage Plan
- 04 Construction Staging Plan
- 05 First Level Floor Plan
- 06 Second Level Floor Plan
- 07 Third Level Floor Plan
- 08 Front Exterior Elevation, Left Side Exterior Elevation
- 09 Rear Exterior Elevation, Right Side Exterior Elevation
- 10 Building Section
- 11 Foundation and Piling Plan
- 12 Second Level Floor Framing Plan
- 13 Second Level Roof Plan / Third Level Floor Framing Plan
- 14 Third Level Roof Plan
- 15 Wall Sections
- 16 First Level Electrical Plan
- 17 Second Level Electrical Plan
- 18 Third Level Electrical Plan



12/12/2025, 7:26:23 PM
BR-NEW-25-0041
Tate Taylor



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Floor 1	0	Square Feet
Floor 2	1,285	Square Feet
Floor 3	657	Square Feet
Total Living	1,942	Square Feet
Parking / Storage	1,485	Square Feet
Porches	420	Square Feet
Under Roof	3,627	Square Feet

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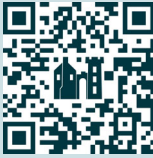
Index

- 01 Cover
- 02 Site Plan
- 03 Drainage Plan
- 04 Construction Staging Plan
- 05 First Level Floor Plan
- 06 Second Level Floor Plan
- 07 Third Level Floor Plan
- 08 Front Exterior Elevation, Left Side Exterior Elevation
- 09 Rear Exterior Elevation, Right Side Exterior Elevation
- 10 Building Section
- 11 Foundation and Piling Plan
- 12 Second Level Floor Framing Plan
- 13 Second Level Roof Plan / Third Level Floor Framing Plan
- 14 Third Level Roof Plan
- 15 Wall Sections
- 16 First Level Electrical Plan
- 17 Second Level Electrical Plan
- 18 Third Level Electrical Plan

Cover

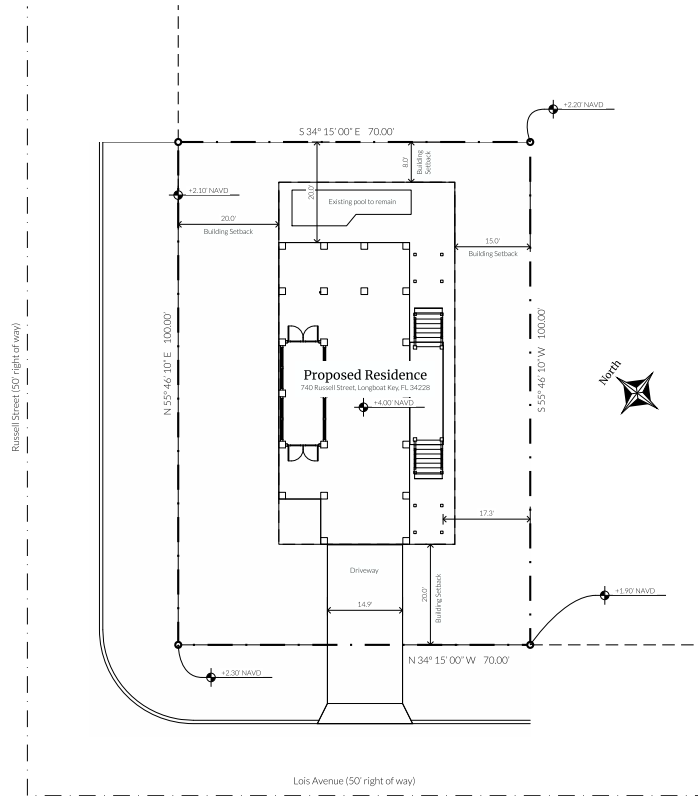
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Site Plan
In this drawing 1" = 10' 0"

Legal Description
The northwesterly 70 feet of Lots 6 and 7, Block 17, Longboat, according to the plat thereof recorded in Plat Book 6, Page 56 of the public records of Manatee County, Florida, being the same property described as the north 70 feet of Lots 7 and 8, Block 2, Longboat, according to the plat thereof recorded in Plat Book 3, Page 306 of said records; less and except that portion lying within 50 feet of the alley running through the center of

Site Calculations

	Square Feet	%
Lot Total	7000	100
Maximum LUL Coverage	2100	30
Actual LUL Coverage	1856	26.51



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Floor 2	1285	square feet
Floor 3	657	square feet
Total Living	1742	square feet
Parking / Storage	1485	square feet
Porches	420	square feet
Under Roof	3,627	square feet

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Index

1. Cover
2. Site Plan
3. Exterior Plan
4. Construction Detailing Plan
5. First Level Floor Plan
6. Second Level Floor Plan
7. Third Level Floor Plan
8. Front Exterior Elevation, Left Side Exterior Elevation
9. Rear Exterior Elevation, Right Side Exterior Elevation
10. Building Section
11. Foundation and Framing Plan
12. Second Level Roof Plan / Third Level Floor Framing
13. Plan
14. Third Level Roof Plan
15. Wall Section
16. First Level Electrical Plan
17. Second Level Electrical Plan
18. Third Level Electrical Plan

Site Plan



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Floor 1	0	(square feet)
Floor 2	1,085	(square feet)
Floor 3	657	(square feet)
Total Living	1,742	(square feet)
Parking / Storage	1485	(square feet)
Porches	400	(square feet)
Under Roof	3,627	(square feet)

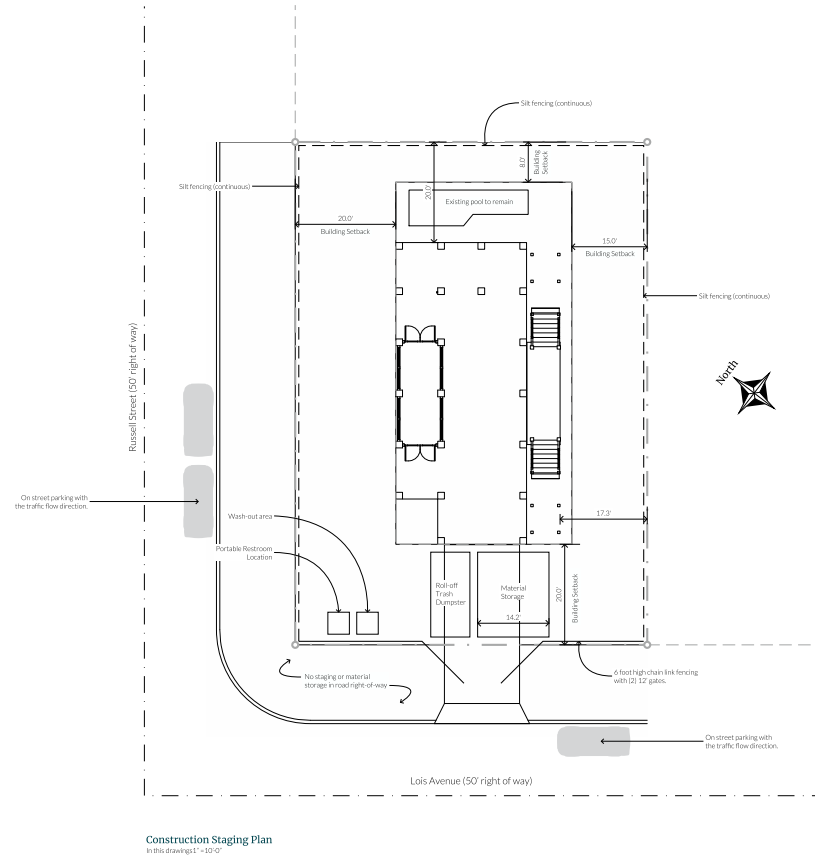
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- 01 Cover
- 02 Site Plan
- 03 Drainage Plan
- 04 Construction Staging Plan
- 05 First Level Floor Plan
- 06 Second Level Floor Plan
- 07 First Level Elevation, Left Side Exterior Elevation
- 08 Rear Exterior Elevation, Right Side Exterior Elevation
- 09 Elevation
- 10 Building Section
- 11 Foundation and Piling Plan
- 12 Second Level Roof Framing Plan
- 13 Second Level Roof Plan / Third Level Floor Framing Plan
- 14 Third Level Roof Plan
- 15 Wall Sections
- 16 First Level Electrical Plan
- 17 Second Level Electrical Plan
- 18 Third Level Electrical Plan

03

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 Index

- 01 Cover
- 02 Site Plan
- 03 Drainage Plan
- 04 Construction Staging Plan
- 05 First Level Floor Plan
- 06 Second Level Floor Plan
- 07 Third Level Floor Plan
- 08 First Exterior Elevation, Left Side Exterior Elevation
- 09 Rear Exterior Elevation, Right Side Exterior Elevation
- 10 Building Section
- 11 Foundation and Piling Plan
- 12 Second Level Roof Framing Plan
- 13 Second Level Roof Plan / Third Level Floor Framing Plan
- 14 Third Level Roof Plan
- 15 Wall Sections
- 16 First Level Electrical Plan
- 17 Second Level Electrical Plan
- 18 Third Level Electrical Plan

Construction Staging Plan



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Floor Plan Notes

Structural wood components (beams, joists, rafters, etc.) shall have the following minimum allowable fiber stresses not to exceed those conforming to 2015 IRC as follows:

Shear $F_v = 100 \text{ psi} / 620 \text{ MPa}$
Bending $F_b = 240 \text{ psi} / 165 \text{ MPa}$
Bending $F_b = 1300 \text{ psi} / 89.7 \text{ MPa}$
Bending $F_b = 1000 \text{ psi} / 68.9 \text{ MPa}$
Bending $F_b = 975 \text{ psi} / 67.2 \text{ MPa}$

Wood in contact with concrete or masonry, and at other locations as shown on structural drawings, shall be protected from moisture in accordance with ATC 109.

All wall framing to be Simpson #2 grade. Floor plan dimensions and from face to face of an assumed 4" x 8" or 6" x 10" or 8" x 12" wall construction.

Micro Lamin beams shall conform to NER 126 and shall be 20 E 548 (B) - 1972 (B) / 20.6 (MPa) / 2000 (ksi) / 13,789 (514) psi.

Joists and rafters shall be laterally supported at ends by solid blocking or other means to prevent rotation of member.

Pneumatic framing nails are an acceptable alternate to 16d common nails.

All metal connectors shall be galvanized. Connector model numbers shown are Simpson Strong-Tie connectors and manufactured by Simpson Strong-Tie Company, Inc. (<http://simplonstrongtie.com>). Substitutions are acceptable with the approval of the engineer or architect. Use the correct size, metal type and number of fasteners shown in the latest Simpson catalog.

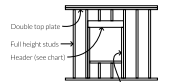
Standard washers shall be used between wood and both heads and nuts. Bolts and screws shall be ASTM A-307.

Multi-member wood rafters, beams, and joists shall be fastened together with 10d common nails in every second diagonal pattern as shown below unless noted otherwise. For multiple members of three or more, the nails shall be installed horizontally and the first two members together as shown below, then attach the third ply and then additional layers. All multiple members shall be full length wood for longer members.

Concrete blocks shall be ASTM C-90 for hollow load bearing masonry with unit strength of 3500 psi (24.1 MPa) on the net area (8 in. x 16 in. x 8 in.) (200 psi (13.8 MPa) minimum compressive strength and meet ASTM C-90. Slugs shall be 8" x 12" (200 mm x 305 mm). Provide hooked dowels in footing for all vertical reinforcement above. Provide 40# (16mm) over for 45# (18mm) (12mm) for 45# and 50# (14mm) over for 47# (16mm). Provide 8 gauge galvanized horizontal steel reinforcement. Use 3/8" steel or engineer approved equal alternate block courses.

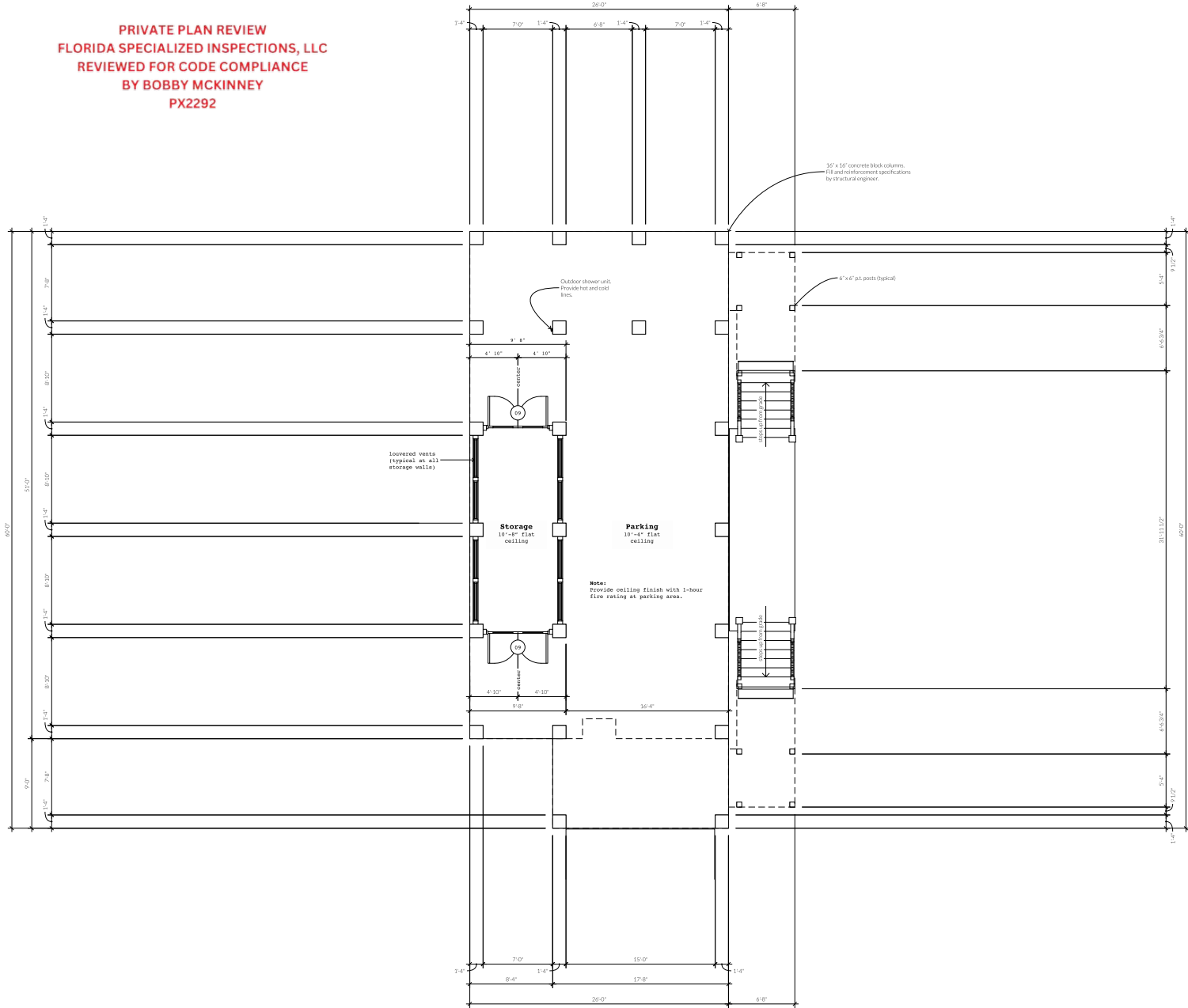
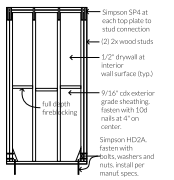
The wood header over door lintels is based on 10' (3m) tributary floor and roof load span chart based on header providing support for wall height equal to width of opening. Nominal 4" (101 mm) wide angle headers may be substituted for the double members. Spans in based on R2 or standard grade lumber. R3 grade lumber may be used with appropriate design.

	Supports	Supports	Supports
	1 floor	1 floor	2 floors
(2) 2x4	up to 4'	up to 4'	up to 4'
(2) 2x4	4' to 6'	4' to 6'	4' to 6'
(2) 2x4	6' to 8'	6' to 8'	6' to 8'
(2) 2x10	8' to 10'	8' to 10'	8' to 10'
(2) 2x12	10' to 12'	10' to 12'	10' to 12'



Jacks at each side of opening
(1) up to 3' (2) up to 5'
(3) up to 7' and (4) up to 9' opening

Shear Wall Detail



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Floor 2	1,080	Square Feet
Floor 3	657	Square Feet
Total Living	1,742	Square Feet
Parking / Storage	1485	Square Feet
Porches	420	Square Feet
Under Roof	3,627	Square Feet

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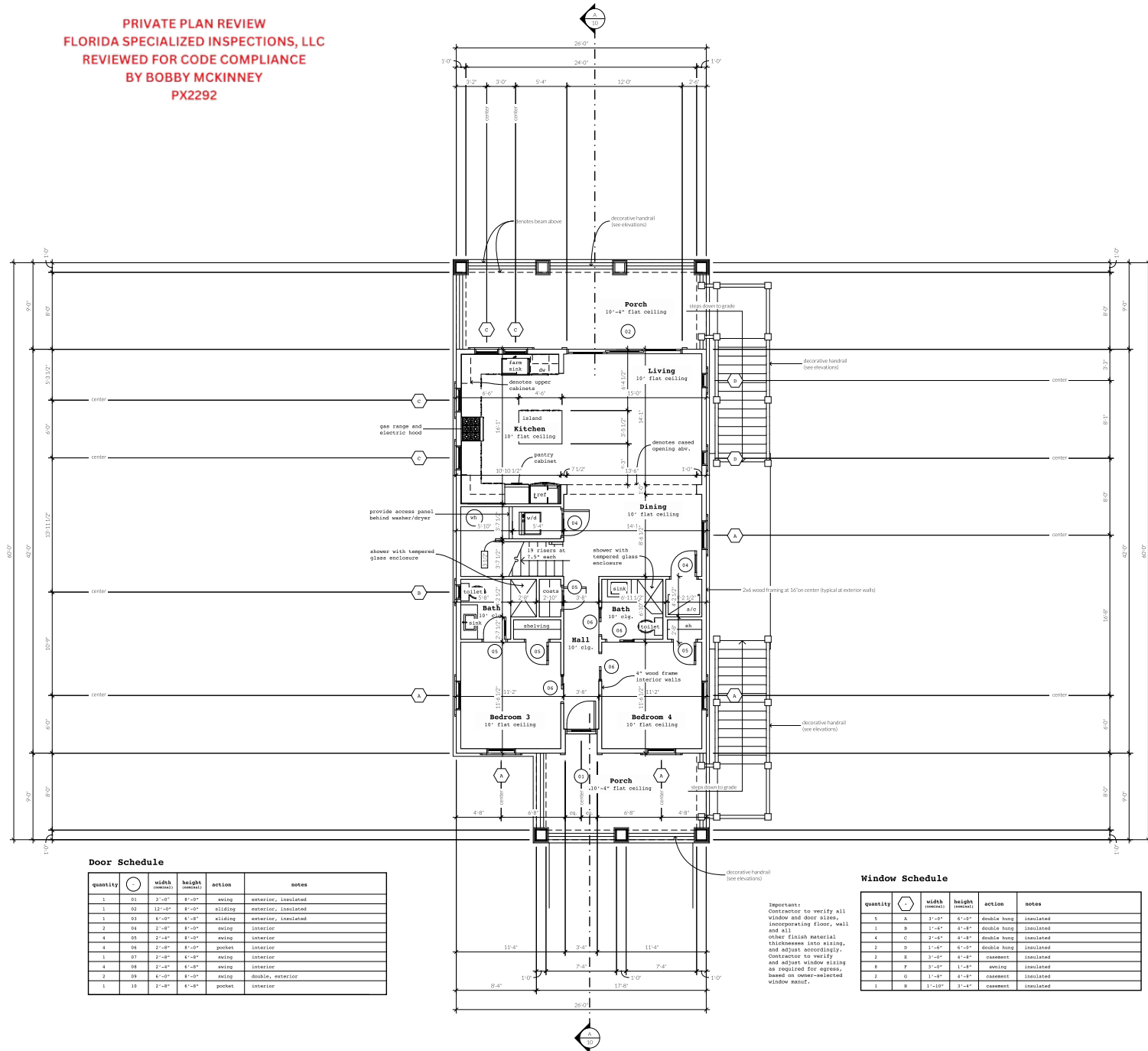
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Index

01. Cover
02. Site Plan
03. Driveway Plan
04. Construction/Grading Plan
05. First Level Floor Plan
06. Second Level Floor Plan
07. Third Level Floor Plan
08. Front Exterior Elevation, Left Side Exterior Elevation
09. Rear Exterior Elevation, Right Side Exterior Elevation
10. Building Section
11. Foundation and Piling Plan
12. Second Level Floor Framing Plan
13. Third Level Floor Framing Plan
14. Third Level Roof Plan
15. Wall Section
16. First Level Electrical Plan
17. Second Level Electrical Plan
18. Third Level Electrical Plan

First Level Floor Plan

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Floor 1 0 square feet
Floor 2 1280 square feet
Floor 3 657 square feet
Total Living 1742 square feet
Parking/Storage 1485 square feet
Porch 420 square feet
Under Roof 3,627 square feet

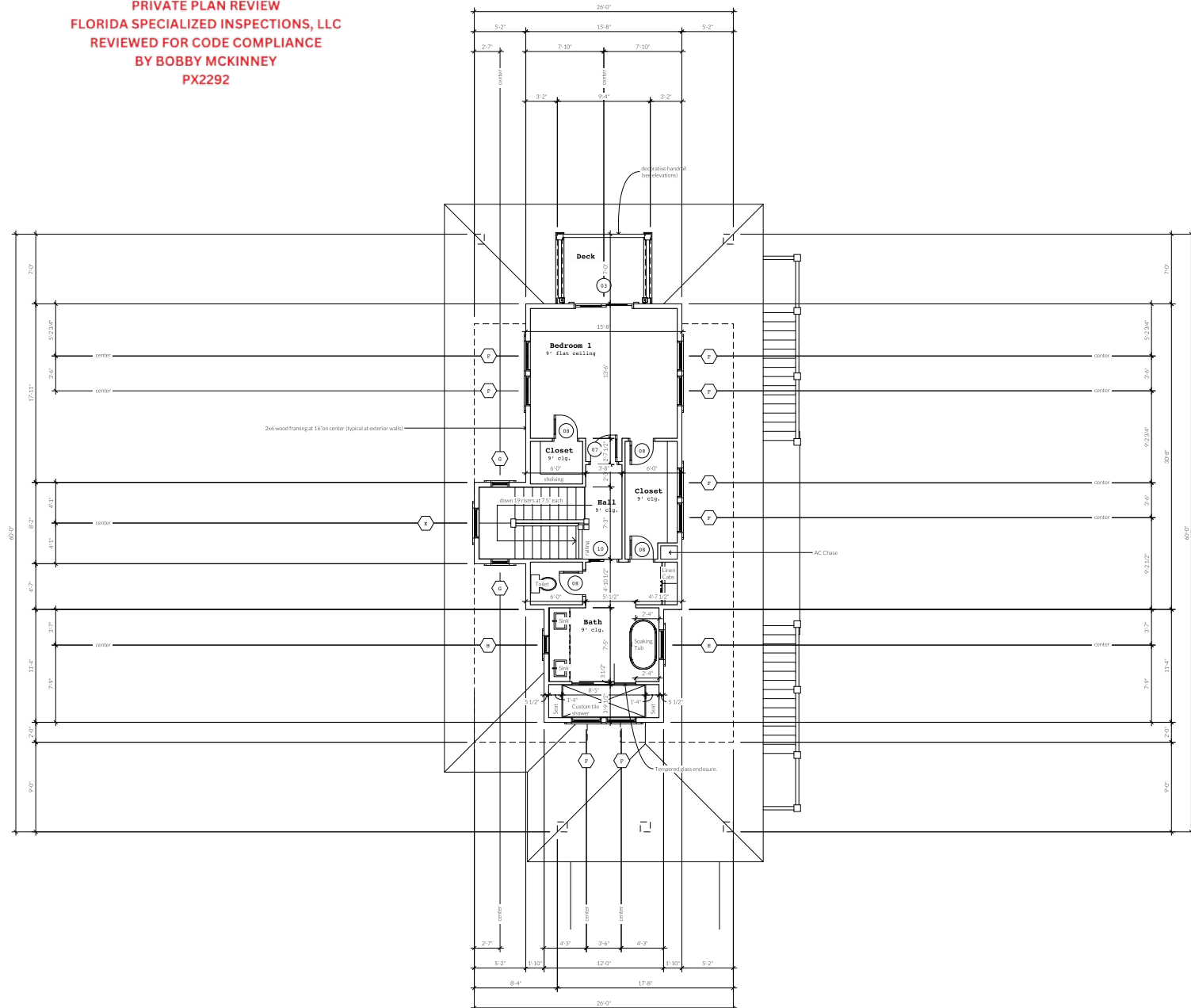
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- Index**
- 01 Cover
 - 02 Site Plan
 - 03 Driveway Plan
 - 04 Foundation/Slab Plan
 - 05 First Level Floor Plan
 - 06 Second Level Floor Plan
 - 07 Third Level Floor Plan
 - 08 Front Exterior Elevation, Left Side Exterior Elevation
 - 09 Rear Exterior Elevation, Right Side Exterior Elevation
 - 10 Building Section
 - 11 Foundation/Slab Plan
 - 12 Second Level Floor Plan
 - 13 Third Level Floor Plan
 - 14 Third Level Roof Plan
 - 15 Wall Section
 - 16 First Level Electrical Plan
 - 17 Second Level Electrical Plan
 - 18 Third Level Electrical Plan

Second Level Floor Plan

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Index

01. Cover
02. Site Plan
03. Driveway Plan
04. Connection/Stepping Plan
05. First Level Floor Plan
06. Second Level Floor Plan
07. Third Level Floor Plan
07. Front Exterior Elevation, Left Side Exterior Elevation
08. Rear Exterior Elevation, Right Side Exterior Elevation
09. Foundation and Piling Plan
10. Building Section
11. Foundation and Piling Plan
12. Second Level Roof Plan
13. Third Level Roof Plan
14. Third Level Roof Plan
15. Wall Section
16. First Level Electrical Plan
17. Second Level Electrical Plan
18. Third Level Electrical Plan

Third Level Floor Plan

Elevations & Sections Notes

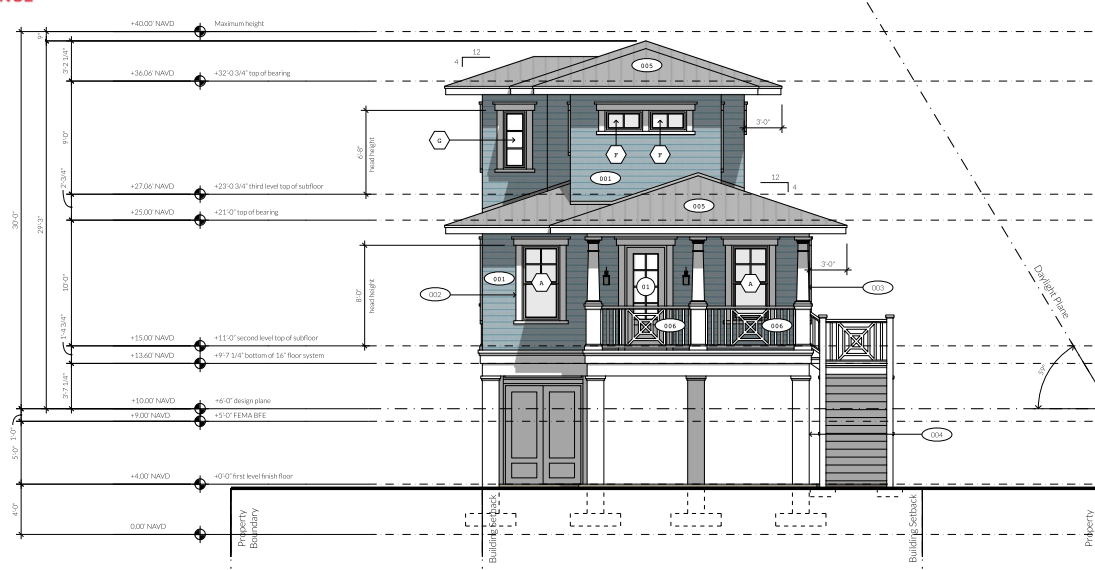
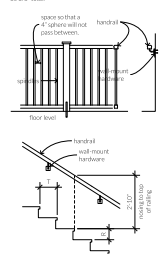
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Exterior Finish Schedule

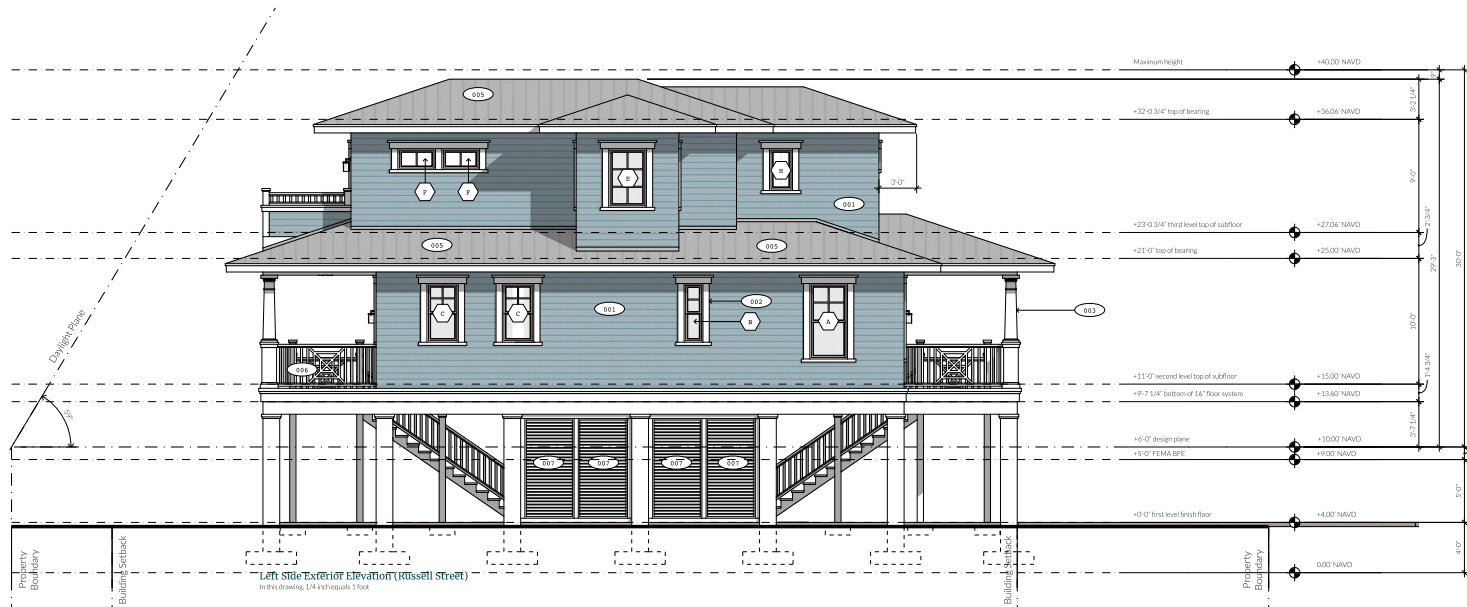
- 001 Lap siding (painted "Wood Turnstone" by Sherwin Williams)
- 002 2x Wood window trim (painted white)
- 003 Tapered square column over structural post.
- 004 16" square concrete column to be specified by structural engineer.
- 005 Standing seam metal roofing (silver)
- 006 36" high railing system (nautical styling, painted white)
- 007 Louvered wall panels
- 008

Stair Mins. and Maximums

Truss (T) to be maximum 11'-1 1/2" minimum 10"
Riser (R) to be maximum 7'-3/4" minimum 6'-3/4"
Provide 7'-0" minimum headroom above stairs 2 Risers (R) x 1 Truss (T) = 24'-2 1/2" Maximum total variation between all risers to be 3/8" total.



Front Exterior Elevation (Lois Avenue)
In this drawing, 1/4" = 1 foot



Left Side Exterior Elevation (Russell Street)
In this drawing, 1/4" = 1 foot



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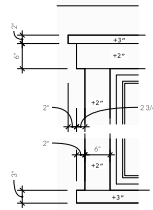
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Index

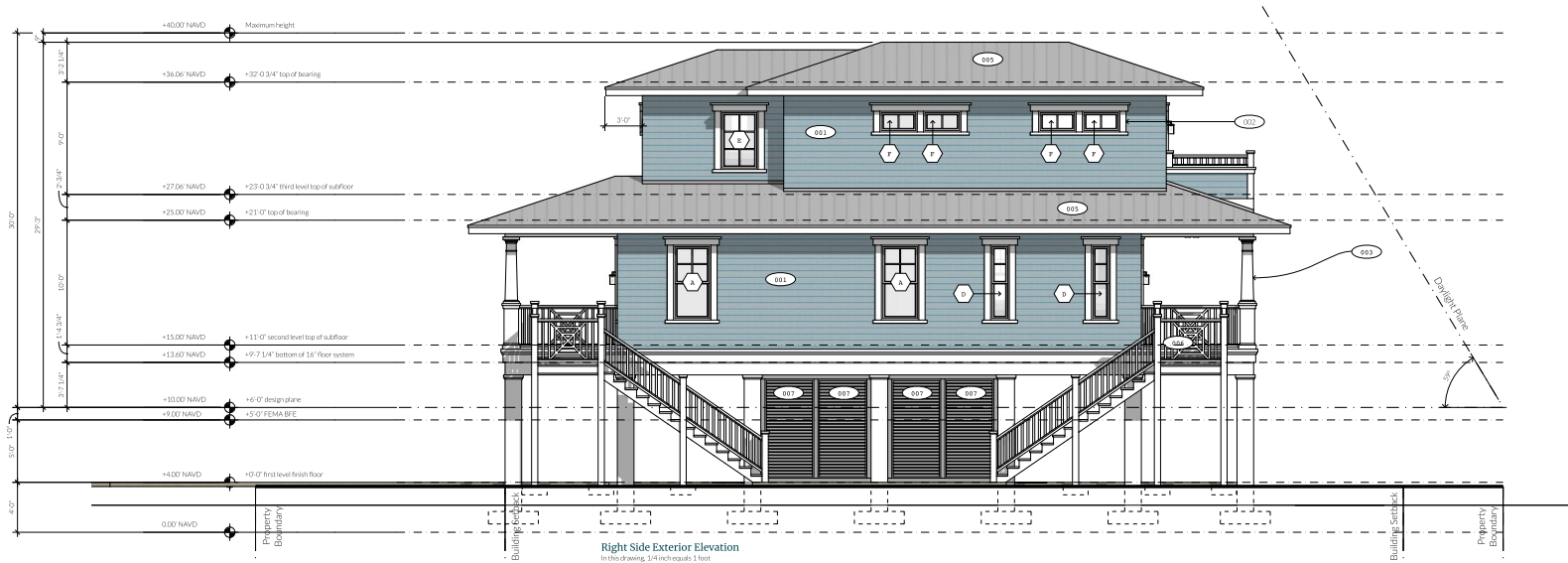
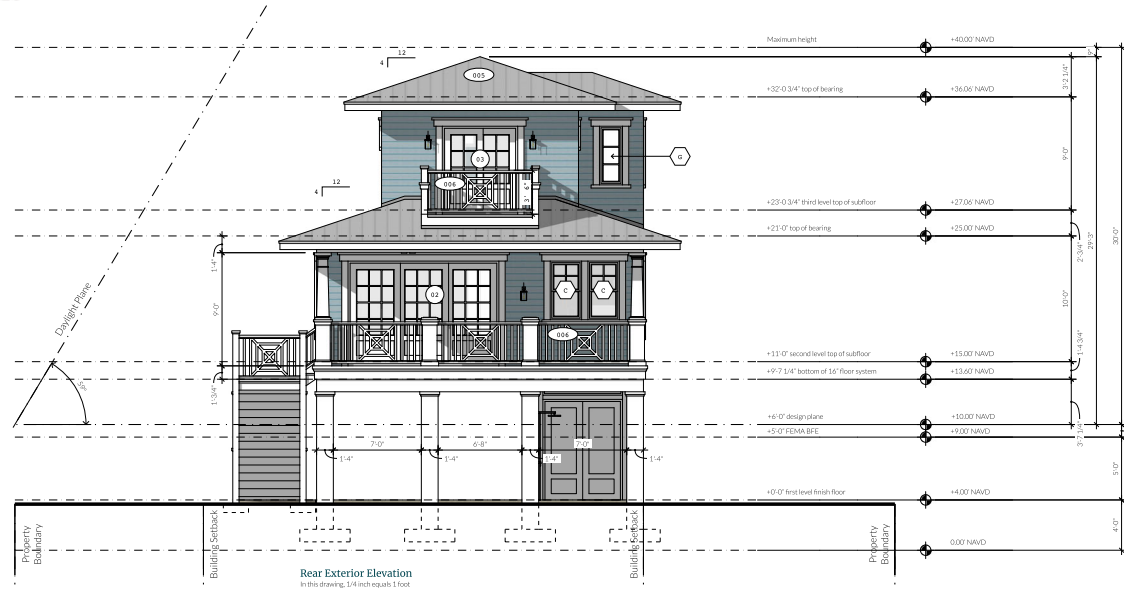
- Cover
- Site Plan
- Drainage Plan
- Construction/Grading Plan
- First Level Floor Plan
- Second Level Floor Plan
- Third Level Floor Plan
- Front Exterior Elevation, Left Side Exterior Elevation
- Rear Exterior Elevation, Right Side Exterior Elevation
- Foundation
- Building Section
- Foundation and Framing Plan
- Second Level Floor Framing Plan
- Third Level Floor Framing Plan
- Third Level Roof Plan
- Third Level Electrical Plan
- First Level Electrical Plan
- Second Level Electrical Plan
- Third Level Electrical Plan

Front Exterior Elevation,
Left Side Exterior Elevation

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Window Trim Detail
In this drawing, 1" equals 1'-0"



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Index

- Cover
- Site Plan
- Drainage Plan
- Construction Detailing Plan
- First Level Floor Plan
- Second Level Floor Plan
- Third Level Floor Plan
- Front Exterior Elevation, Left Side Exterior Elevation
- Rear Exterior Elevation, Right Side Exterior Elevation
- Foundation
- Building Section
- Second Level Floor Framing Plan
- Second Level Roof Framing Plan
- Third Level Roof Plan
- Third Level Roof Framing Plan
- Wall Section
- First Level Electrical Plan
- Second Level Electrical Plan
- Third Level Electrical Plan

Rear Exterior Elevation, Right Side Exterior Elevation

Architectural drawing of a two-story building section. The drawing shows the interior layout with rooms labeled: Bedroom 1, Bedroom 2, Hall, Living, and Porch. It includes structural details like pre-engineered wood trusses, roof pitch, and floor levels. A vertical scale on the left indicates elevations from 0.00 NAVD to 40.00 NAVD. A note at the bottom states "Building Section In this drawing, 3/4 inch equals 1 foot".



10

Foundation Notes

Structural engineer (provided by contractor) shall calculate and provide beam, post loads, footing locations and footing specifications throughout structure.

Foundations are designed for an assumed allowable soil bearing pressure of 2000 psf (94kPa) on compacted fill. Before construction commences, soil bearing capacity shall be verified by a subsurface investigation, as well as field and laboratory tests performed by a certified testing laboratory whose report shall include analysis and recommendations for site preparation in order to bear the foundation loads. The above report shall be submitted to the structural engineer for review before foundation construction begins.

Footing depths shall be set as required to protect from frost.

Exterior mechanical equipment to be located by builder and homeowner as per site requirements. Provide chase from exterior to interior mechanical equipment as required.

Standard concrete slab identify specifications are: Concrete slab to be 4" (101mm) smooth-trowel rich concrete (3000psi min) with #4 @ 12" O.C. welded wire mesh over 2" air/water barrier over compacted lean bed moist treated soil. Fiber mesh may be used in place of welded wire mesh.

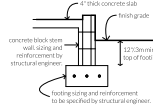
Concrete shall be per an approved mix design proportioned to achieve a 28-day strength of 3000 psi (206MPa) with a plastic and workable mix. Slabs shall be four inches plus or minus one inch. Concrete shall be placed and cured according to ACI standards and specifications. Slabs shall meet the requirements of ASTM C930 for coarse aggregate. Addition of water to concrete already transported from the batch plant is not allowed under any circumstances.

Welded wire fabric shall conform to ASTM A-185, be free from oil, scale, and rust, and shall be placed in accordance with the typical placing details of ACI standards and specifications. Maximum lap shall be one space plus two inches.

Reinforcing steel shall be ASTM A-615 grade 40 deformed bars, free from oil, scale and rust, and shall be placed in accordance with the typical footing, column and placing details of ACI standards and specifications. Minimum vertical 2" (50mm) clearance for footing and slab laps. Slabs shall be 2" (50mm) vertical reinforcement to slab at 12" O.C. on exterior. Both sides of openings, and 2 cuts both sides at spans over 8' (2.4m).

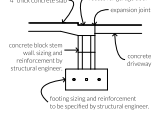
Footing Detail 01

In this drawing, 1/2 inch = 1 foot.



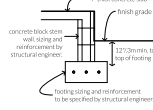
Footing Detail 02

In this drawing, 1/2 inch = 1 foot.



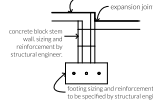
Footing Detail 03

In this drawing, 1/2 inch = 1 foot.

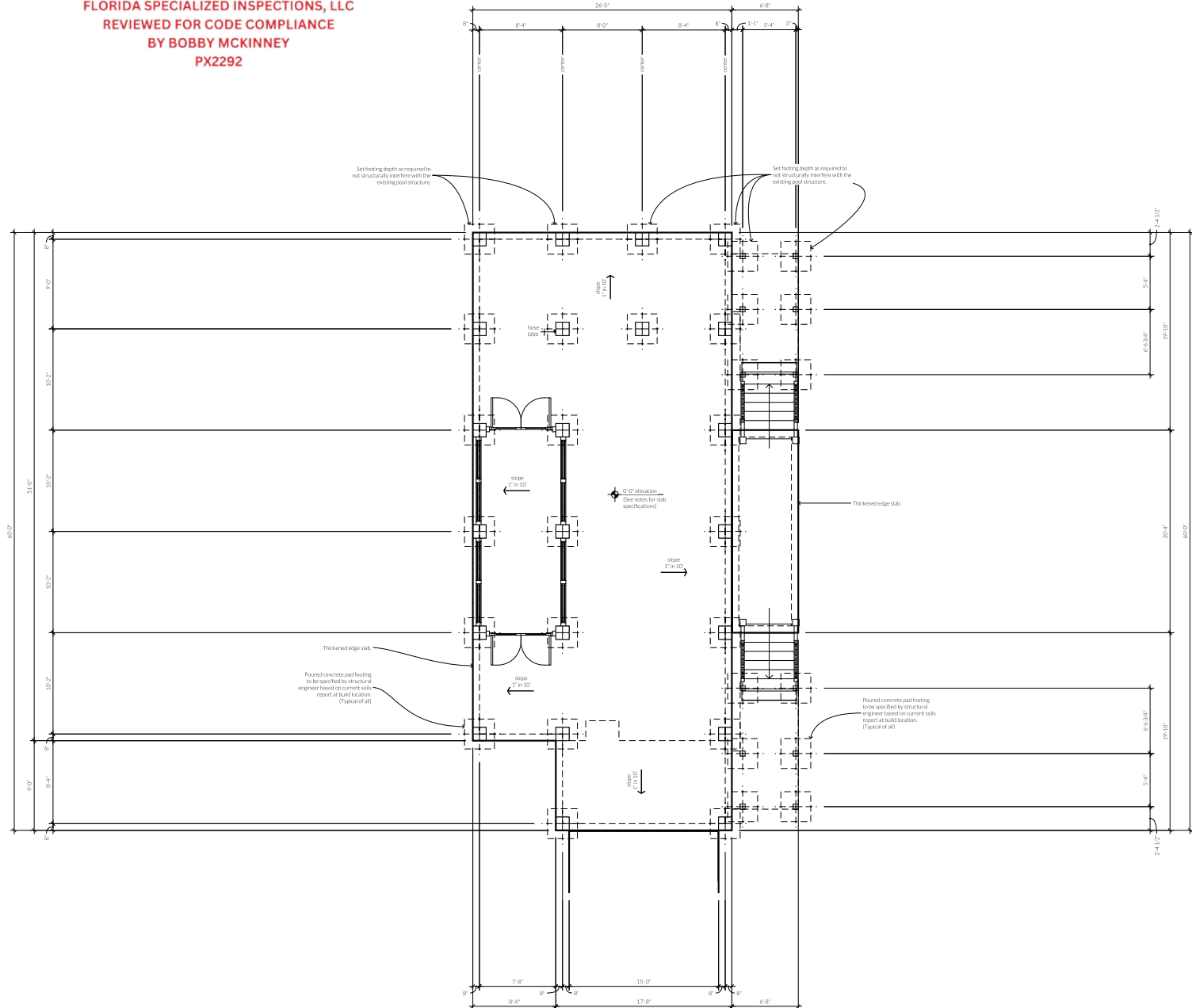


Footing Detail 04

In this drawing, 1/2 inch = 1 foot.



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Roof Plan Notes

Wood trusses shall be designed, signed and sealed by a professional engineer registered in the permit state and fabricated in accordance with the Quality Control Manual by Truss Plate Institute (TPI). Submit shop drawing for review prior to fabrication. Shop drawings shall show and specify all connector types, attach with trusses, and all components utilized in all other connections and attachments. Between plates or components located in plates or components in the truss system. All truss to truss connections are the responsibility of the truss, specially engineered. An erection drawing that includes identifying all truss system components, as well as all permanent bracing required for truss design. The following erection factors shall be used in the design of the truss system:

Deadload (D) 90
Deadload + floor live load + 100
Deadload + roof live load + 125
Deadload + wind load + 135

Allowable stress increases shall be as identified in NFPA 905 1997 unless superseded by requirements of the applicable building code. Prefabricated wood trusses shall be fabricated from southern pine with dist #2 grade or better for chords and #3 grade or better for webs. No wave, kink, split or other defects shall occur in the plate contact area or scarfed area of web members. Plates shall be connected with one nail per each side of truss. Bearing locations must be marked on trusses by fabricator to ensure proper installation. Truss engineer to allow only load bearing walls indicated on plan for bearing and design.

Where bottom chords of trusses do not have solid sheathing, provide permanent 2x4x12 (1x12) minimum length plate trusses at 12' (9m) on center (maximum) unless closer spacing is required by truss engineer's analysis. Sagger plates shall be 12m and attach with 12' 12x12 nails at each truss. Terminate bracing on walls or with attached truss from each end. Conform to Truss Plate Institute HBB 91 Handling, Installing and Bracing of Metal Plate Connected Wood Trusses.

Reference construction drawings for shaped ceiling, truss, rafter and other special ceiling features. Reference construction drawings for roof top units, exhaust fans, kitchen hoods and other loads suspended or supported by trusses for locations, loads, and physical size. Truss girder and multiple truss configurations to accommodate openings and special loading shall be provided by the truss manufacturer.

Design, handling, erection, temporary and permanent bracing of metal plate connected wood trusses shall be in accordance with the applicable building code referenced above, the National Forest Products Association National Design Specification for Wood Construction 1997, Truss Plate Institute, HBB 91 Handling, Installing and Bracing of Metal Plate Connected Wood Trusses, Truss Plate Institute, Design and Temporary Bracing of Metal Plate Connected Wood Trusses, 2002, Truss Plate Institute, 1995 National Design Standard for Metal Plate Connected Wood Truss Construction.

Truss repairs required during the progress of work are to be designed by the truss engineer with required materials and hardware to be provided by the truss manufacturer. Field repairs made to trusses are to be supervised and inspected by the truss manufacturer's representative. Written confirmation of repair acceptance by the truss manufacturer is required on all repairs and must be submitted to the engineer if needed for acceptance. Nail on type truss repair plates will not be allowed in a bottom chord or end plates.

No penetrations shall be made in any structural members other than those located on these drawings without previous approval of the engineer.

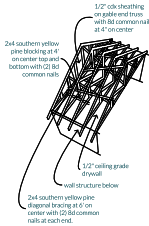
Fasten sheathing panels to framing and blocking with 35d common or 30d hot dipped galvanized nails at 6" (152mm) on center at all panel edge framing and 12" (305mm) on center at all intermediate framing. Glue all connections.

Provide bracing in the first two framing spaces at each end of floor system, spaced 45' (13.7m) on center maximum. Bracing members shall be full depth post or truss.

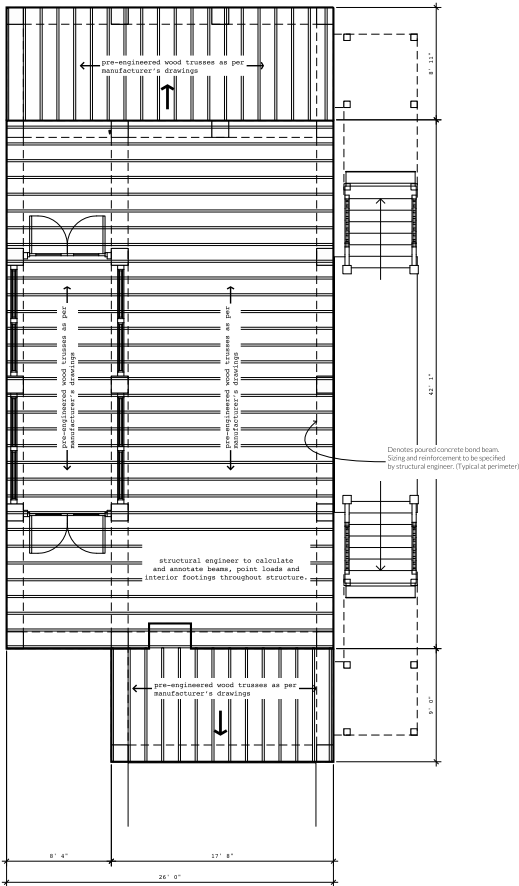
Attach gable end rafters with 5d nails at 12" (305mm) on center typical. Apply 1/2" (12.7mm) on center maximum. Bracing members shall be full depth post or truss.

Roof sheathing to be attached with 8d common nails, 12" on center with the following exceptions. Within 4' of ridges, hip ridges and breaks, attach with 8d common nails at 6" on center. Within 8' of a gable end, attach with 8d common nails at 4" on center.

Cable End Framing Detail



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tyrehouseplans.com

+1 (865) 269-2611

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Crew Cut House Plan

Plan THP168 is designed to meet the requirements of the 2020 International Residential Code, first published on August 12, 2020, with the most recent modifications August 12, 2020. All drawings are scaled at 1/4 inch equals 1 foot, unless noted otherwise.

Floor 1	0	Square Feet
Floor 2	1,285	Square Feet
Floor 3	657	Square Feet
Total Living	1,942	Square Feet
Parking / Storage	1485	Square Feet
Porches	420	Square Feet
Under Roof	3,627	Square Feet

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Index

1. Cover
2. Site Plan
3. Garage Plan
4. Construction/Detailing Plan
5. First Level Floor Plan
6. Second Level Floor Plan
7. Third Level Floor Plan
8. Front Exterior Elevation, Left Side Exterior Elevation
9. Rear Exterior Elevation, Right Side Exterior Elevation
10. Foundation and Framing Plan
11. Second Level Floor Framing Plan
12. Second Level Roof Plan / Third Level Floor Framing
13. Plan
14. Third Level Roof Plan
15. Wall Section
16. First Level Electrical Plan
17. Second Level Electrical Plan
18. Third Level Electrical Plan

Second Level Floor Framing Plan

12



Wood trusses shall be designed, sized and sealed by a professional engineer registered in the permit state and fabricated in conformance with the Quality Control Manual for Truss Plate Institute (TPI). Submit shop drawings for review prior to fabrication. Shop drawings shall show and specify all connector types utilized within trusses, as well as connectors utilized in all other connections and attachments between trusses or components supplied as part of the engineered truss system. All truss to truss connections are the responsibility of the manufacturer. Submit a connection drawing showing the included, identifying truss system components, as well as all permanent bracing required for truss design. The following load duration factors shall be used in the design of the truss system:

Allowable stress increases shall be as identified in NFPA NDS 1997 unless superseded by requirements of the applicable building code. Prefabricated wood trusses shall be fabricated from southern pine kiln dried #2 grade or better for chords, and #3 grade or better for webs. No warps, knots, skips or other defects shall occur in the plate contact area or scarfed area of web members. Plates shall be centered with one required each side of truss. Bearing locations must be marked on trusses by fabricator to ensure proper installation. Truss engineer to utilize only load bearing walls indicated on plan for bearing and tie-

Where bottom chords of trusses do not have solid sheathing, provide permanent $2 \times 4 @ 12m$ (minimum length) lateral braces at $10' (3m)$ on center (maximum) unless closer spacing is required by truss engineer's analysis. Stagger splices min. $4' 1.2m$ and attach with (2) 12d nails at each truss. Terminate bracing runs at walls or with diagonal cross brace each end. Conform to Truss Plate Institute HIB-91 Handing Installation.

Reference construction drawings for sloped ceiling, truss, steps and other special ceiling features. Reference construction drawings for roof top units, exhaust fans, kitchen hoods and other loads suspended or supported by trusses for location, loads, and physical size. Truss girder and multi-ply truss configurations to accommodate openings and special loading conditions for ducts, the truss system.

Design, handling, erection, temporary and permanent bracing of metal plate connected wood trusses shall be in accordance with the applicable building code referenced above, the National Forest Products Association National Design Specification for Wood Construction 1997, Truss Plate Institute: HIB-91 Handling Installing and Bracing of Metal Plate Connected Wood Trusses, Truss Plate Institute: C58-89 Temporary Bracing of Metal Plate Connected Wood Trusses, ANSI/Truss Plate Institute: I-1995 National Design Standard for Metal Plate Connected Wood Truss Construction.

Truss repairs required during the progress of work are to be designed by the truss engineer with required materials and hardware to be provided by the truss manufacturer. Field repairs made to trusses are to be supervised and inspected by the truss manufacturer's representative. Written confirmation of repair acceptance by the truss manufacturer is required on all repairs and must be submitted to the engineer of record for acceptance. Nail-on type truss repair plates will not be allowed in a bottom chord tension splice.

No penetrations shall be made in any structural members other than those located on these drawings without previous approval of the engineer.

Fasten sheathing panels to framing and blocking with 10d common or 10d hot dipped galvanized nails at 6"x15m on center at all panel edge framing and 12"x3m on center at all intermediate framing. Glue all connections.

Provide bracing in the first two framing spaces at each end of floor system, spaced 4'-15m on center maximum. Bracing members shall be full depth joist or truss.

Attach gypsum board ceilings with 5d nails at 7 1/2" on-center (typical). Apply 1-hour-rated gypsum board at garage ceilings with habitable space above.

Roof sheathing to be attached with 8d common nails, 12" on center with the following exceptions. Within 4' of ridges, hip ridges and fascia, attach with 8d common nails at 6" on center. Within 8' of a gable end, attach with 8d common nails at 4" on center.

Diagram illustrating the components and specifications of a well structure:

- 1 1/2" c/c sheathing on gable-end truss with 8d common nail at 4" on center
- 2x4 southern yellow pine blocking at 4" on center top and bottom with 21 8d common nails
- 1 1/2" ceiling grade drywall
- well structure below
- 2x4 southern yellow pine diagonal bracing at 6" on center with 22 8d common nails at each end

LVL with clipped corner
on compression side
(structural engineer to
verify)

membrane roofing as per manufacturer's specifications, provide sloping system and water evacuation system as per manuf. warranty specifications.



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Plan THP168 is designed to meet the requirements of the 2024 International Residential Code, first published on August 15, 2023, with the most recent modification on August 15, 2025. All drawings are created on 1/8" inch equals 1' scale unless otherwise noted.

Floor 1	0	(square feet)
Floor 2	1,085	(square feet)
Floor 3	657	(square feet)
Total Living	1,742	(square feet)
Parking / Storage	1485	(square feet)
Porches	400	(square feet)
Under Roof	3,627	(square feet)

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- 01 Cover
- 02 Site Plan
- 03 Drainage Plan
- 04 Construction Staging Plan
- 05 First Level Floor Plan
- 06 Second Level Floor Plan
Third Level Floor Plan
- 07 Front Exterior Elevation, Left Side Exterior
Elevation
- 08 Rear Exterior Elevation, Right Side Exterior
Elevation
- 09 Building Section
- 10 Foundation and Piling Plan
Second Level Floor Framing Plan
- 11 Second Level Roof Plan Third Level Floor Framing
Plan
- 12 Third Level Roof Plan
- 13 Wall Sections
- 14 First Level Electrical Plan
- 15 Second Level Electrical Plan
- 16 Third Level Electrical Plan

13



Roof Plan Notes

Wood trusses shall be designed, signed and sealed by a professional engineer registered in the permit state and fabricated in accordance with the Quality Control Manual by Truss Plate Institute (TPI). Submit shop drawing for review prior to fabrication. Shop drawings shall show and specify all connector types, sizes and trusses, as well as conditions utilized in all other connections and attachments. Sections through or concrete poured in part of the engineered truss system. All truss to truss connections are the responsibility of the truss, specially engineered. An erection drawing that includes identifying all truss system components, as well as all permanent bracing required for truss design. The following table lists factors that shall be used in the design of the truss system.

Deadload (D) = 10
Deadload + floor live load = 100
Deadload + roof live load = 125
Deadload + wind load = 135

Allowable stress increases shall be as identified in NFPA 905 1997 unless superseded by requirements of the applicable building code. Prefabricated wood trusses shall be fabricated from southern pine with a minimum of 24 ksi or better for chords and 45 ksi or better for webs. No wave, kink, split or other defects shall occur in the plate contact area or scarf area of web members. Plates shall be connected with one nail per each side of truss. Bearing locations must be marked on trusses by fabricator to ensure proper installation. Truss engineer to allow only load bearing walls indicated on plan for bearing and design.

Where bottom chords of trusses do not have solid sheathing, provide permanent 2x4x12 (1x12) minimum length plate bracing at 10' (5m) on center (maximum) unless closer spacing is required by truss engineer's analysis. Stagger plates into 4' 12m and attach with 12 32d nails at each truss. Terminate bracing on walls or with diagonal cross brace each end. Conform to Truss Plate Institute HB 91 Handling, Installing and Bracing of Metal Plate Connected Wood Trusses.

Reference construction drawings for shaped ceiling, truss, rafter, and other special ceiling systems. Reference construction drawings for roof top units, exhaust fans, kitchen hoods and other loads suspended or supported by trusses for locations, loads, and physical size. Truss girder and multiple truss configurations to accommodate openings and special loading shall be provided by the truss manufacturer.

Design, handling, erection, temporary and permanent bracing of metal plate connected wood trusses shall be in accordance with the applicable building code referenced above the National Forest Products Association National Design Specification for Wood Construction 1997, Truss Plate Institute, HB 91 Handling, Installing and Bracing of Metal Plate Connected Wood Trusses, Truss Plate Institute, HB 91 Temporary Bracing of Metal Plate Connected Wood Trusses, 2002, Truss Plate Institute, 1995 National Design Standard for Metal Plate Connected Wood Truss Construction.

Truss repairs required during the progress of work are to be designed by the truss engineer with required materials and hardware to be provided by the truss manufacturer. Field repairs made to trusses are to be supervised and inspected by the truss manufacturer's representative. Written confirmation of repair acceptance by the truss manufacturer is required on all repairs and must be submitted to the engineer of record for acceptance. Nail on type truss repair plates will not be allowed in a bottom chord or end plates.

No penetrations shall be made in any structural members other than those located on these drawings without previous approval of the engineer.

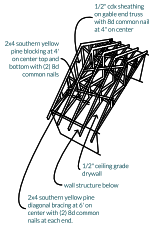
Fasten sheathing panels to framing and blocking with 35d common or 35d hot dipped galvanized nails at 6" (15m) on center at all panel edge framing and 12" (30m) on center at all intermediate framing. Glue all connections.

Provide bracing in the first two framing spaces at each end of floor system, spaced 45' (15m) on center maximum. Bracing members shall be full depth post or truss.

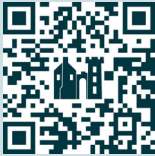
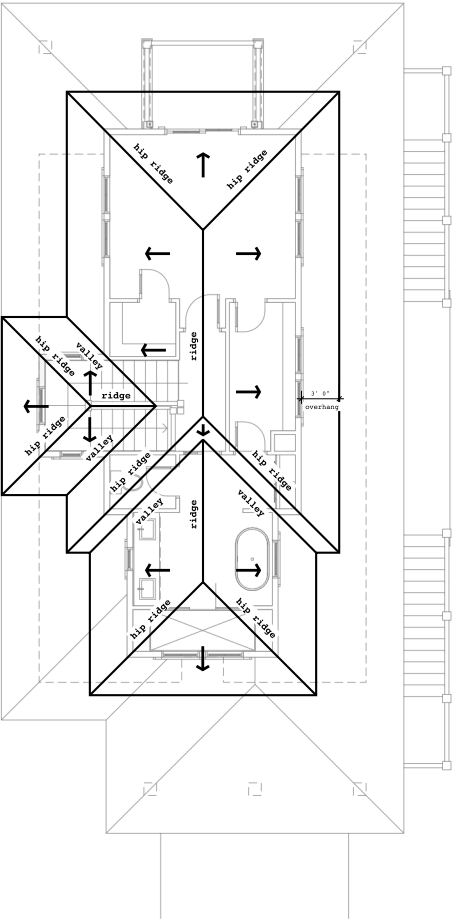
Attach gable end rafters with 5d nails at 12" (30m) on center typical. Apply 1/2" (12m) on center gypsum board at gable end rafters with full depth post or truss.

Roof sheathing to be attached with 8d common nails, 12" on center with the following exceptions. Within 4' of ridges, hip ridges and valleys, attach with 8d common nails at 6" on center. Within 6' of a gable end, attach with 8d common nails at 4" on center.

Cable End Framing Detail



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REVIEWED FOR CODE COMPLIANCE
BY BOBBY MCKINNEY
PX2292



tyrehouseplans.com

+1 (865) 269-2611

sales@tyrehouseplans.com

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Crew Cut House Plan

Plan THP168 is designed to meet the requirements of the 2020 International Residential Code, first published on August 12, 2020, with the most recent modifications August 12, 2020. All drawings are scaled at 1/4 inch equals 1 foot, unless noted otherwise.

Floor 1	0	Square Feet
Floor 2	1285	Square Feet
Floor 3	657	Square Feet
Total Living	1,942	Square Feet
Parking / Storage	1485	Square Feet
Porches	420	Square Feet
Under Roof	3,627	Square Feet

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Index

01. Cover
02. Site Plan
03. Garage Plan
04. Construction/Stamping Plan
05. First Level Floor Plan
06. Second Level Floor Plan
07. Third Level Floor Plan
08. Front Exterior Elevation, Left Side Exterior Elevation
09. Rear Exterior Elevation, Right Side Exterior Elevation
10. Foundation and Piling Plan
11. Foundation and Piling Plan
12. Second Level Roof Plan / Third Level Floor Framing
13. Plan
14. Third Level Roof Plan
15. Wall Section
16. First Level Electrical Plan
17. Second Level Electrical Plan
18. Third Level Electrical Plan

Third Level Roof Plan

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PX2292



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Floor 1	0	Square Feet
Floor 2	1285	Square Feet
Floor 3	657	Square Feet
Total Living	1742	Square Feet
Parking/Storage	1485	Square Feet
Porches	420	Square Feet
Under Roof	3,627	Square Feet

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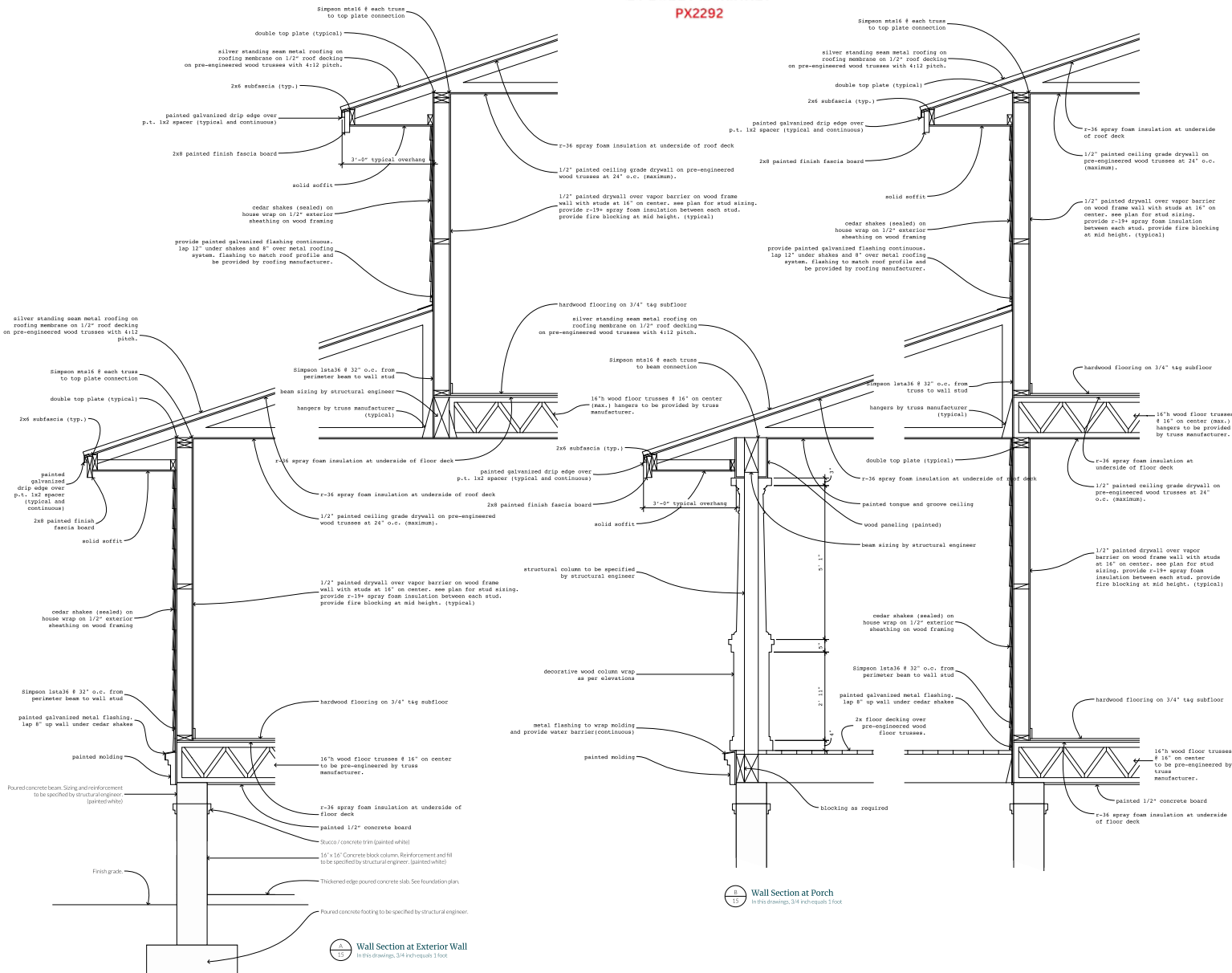
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Index

1. Cover
2. Site Plan
3. Driveway Plan
4. Construction/Storage Plan
5. First Level Floor Plan
6. Second Level Floor Plan
7. Third Level Floor Plan
8. Front Exterior Elevation, Left Side Exterior Elevation
9. Rear Exterior Elevation, Right Side Exterior Elevation
10. Foundation/Slab Plan
11. Foundation/Slab Plan
12. Second Level Roof Plan/Third Level Floor Framing
13. Plan
14. Third Level Roof Plan
15. Wall Section
16. First Level Electrical Plan
17. Second Level Electrical Plan
18. Third Level Electrical Plan

Wall Sections



Electrical Notes

All electrical work shall be in accordance with the 2021 International Residential Code.

Switched floor lamps, door bells, door bell buttons, cameras, security cameras in owner-specified locations.

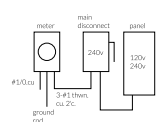
Contractor to locate all mechanical equipment based on site conditions and mechanical system requirements. Provide electrical service as required by equipment manufacturer for contractor-specified air compressor locations.

Contractor to provide circuits for owner-specified landscape lighting based on landscaping layout and site conditions.

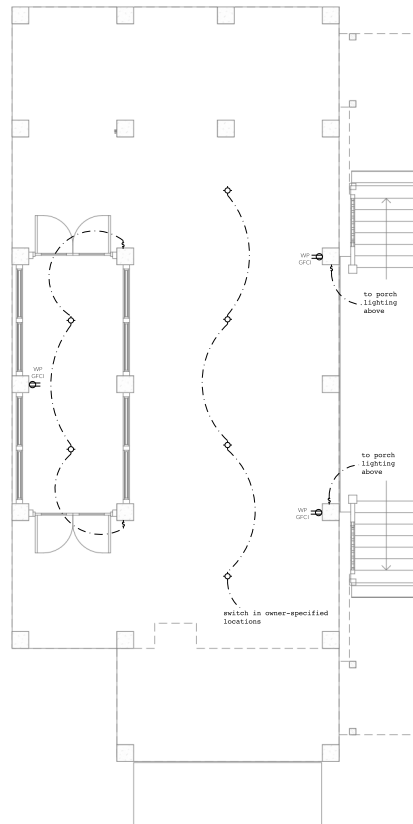
Provide electric fire carbon monoxide detector outside all bedroom locations.

- 120v receptacle: receptacles in sleeping rooms to be arc-fault interrupted.
- 240v receptacle
- smoke & CO alarm: hard-wired and inter-connected with supplemental power.
- light fixture - surface mount at ceiling or surface mount at wall (conceal).
- light fixture - pendant or chandelier recessed light fixture
- LED light strip: See plan location for directional and sizing specifications. Switch by timer and light sensor.
- surface mounted security light
- surface mounted artwork light
- light switch
- dimmer
- exhaust fan vented to exterior
- waterproof
- ground fault circuit interrupted
- mounted 42" (100%) above the floor
- motion activated switch
- category 6 network cabling
- ceiling fan

Electrical Panel Detail



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BY BOBBY MCKINNEY
PX2292



tyreehouseplans.com

+1 (865) 269-2611

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Floor 1	0	square feet
Floor 2	1,080	square feet
Floor 3	657	square feet
Total Living	1,742	square feet
Parking/Storage	1405	square feet
Porches	400	square feet
Under Roof	3,627	square feet

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Index

- 01 Cover
- 02 Site Plan
- 03 Porch Plan
- 04 Connection/Storage Plan
- 05 First Level Floor Plan
- 06 Second Level Floor Plan
- 07 Third Level Floor Plan
- 08 Front Exterior Elevation, Left Side Exterior Elevation
- 09 Rear Exterior Elevation, Right Side Exterior Elevation
- 10 Building Section
- 11 Foundation and Framing Plan
- 12 Second Level Floor Framing Plan
- 13 Third Level Floor Framing Plan
- 14 Third Level Roof Plan
- 15 Wall Section
- 16 First Level Electrical Plan
- 17 Second Level Electrical Plan
- 18 Third Level Electrical Plan

First Level Electrical Plan

Electrical Notes

All electrical work shall be in accordance with the 2021 International Residential Code.

Switched floor lamps, door bells, door bell buttons, cameras, security cameras in owner specified locations.

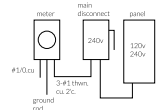
Contractor to locate all mechanical equipment based on site conditions and mechanical system requirements. Provide electrical service as required by equipment manufacturer for contractor specified air compressor locations.

Contractor to provide circuits for owner specified landscape lighting based on landscaping layout and site conditions.

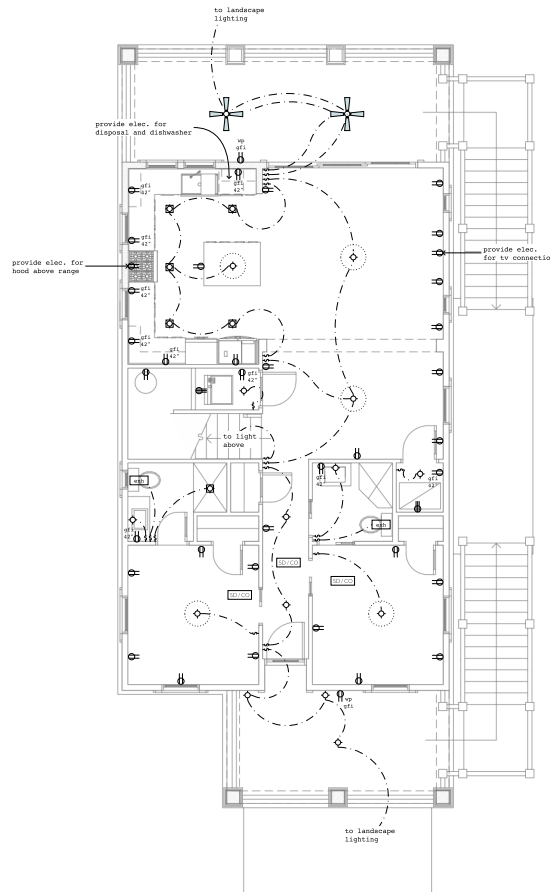
Provide electric fire carbon monoxide detector outside all bedroom locations.

-  120v receptacle, receptacles in sleeping rooms to be arc-fault interrupted.
-  240v receptacle
-  smoke & CO alarm, hard-wired and inter-connected with supplemental power.
-  light fixture - surface mount at ceiling or surface mount at wall (conceal).
-  light fixture - pendant or chandelier
-  recessed light fixture
-  LED light strip. See plan location for directional and sizing specifications. Switch by timer and light sensor.
-  surface mounted security light
-  surface mounted artwork light
-  light switch
-  dimmer
-  exhaust fan vented to exterior
-  waterproof
-  ground fault circuit interrupter
-  motion activated switch
-  category 6 network cabling
-  ceiling fan

Electrical Panel Detail



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Crew Cut House Plan

Plan THP168 is designed to meet the requirements of the 2021 International Residential Code, first published on August 12, 2021, with the most recent modification August 12, 2021. Drawings are scaled at 1/4 inch equals 1 foot, unless noted otherwise.

Floor 1	0	square feet
Floor 2	1,080	square feet
Floor 3	657	square feet
Total Living	1,742	square feet
Parking / Storage	1,485	square feet
Porches	420	square feet
Under Roof	3,627	square feet

Customize

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Build Licenses

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Index

- 01 Cover
- 02 Site Plan
- 03 Exterior Plan
- 04 Construction/Storage Plan
- 05 First Level Floor Plan
- 06 Second Level Floor Plan
- 07 Third Level Floor Plan
- 08 Front Exterior Elevation, Left Side Exterior Elevation
- 09 Rear Exterior Elevation, Right Side Exterior Elevation
- 10 Building Section
- 11 Foundation and Framing Plan
- 12 Second Level Floor Framing Plan
- 13 Third Level Floor Framing Plan
- 14 Third Level Roof Plan
- 15 Wall Section
- 16 First Level Electrical Plan
- 17 Second Level Electrical Plan
- 18 Third Level Electrical Plan

Second Level Electrical Plan

Electrical Notes

All electrical work shall be in accordance with the 2021 International Residential Code.

Switched floor lamps, door bells, door bell buttons, cameras, security cameras in owner specified locations.

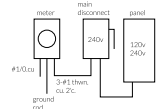
Contractor to locate all mechanical equipment based on site conditions and mechanical system requirements. Provide electrical service as required by equipment manufacturer for contractor specified air compressor locations.

Contractor to provide circuits for owner specified landscape lighting based on landscaping layout and site conditions.

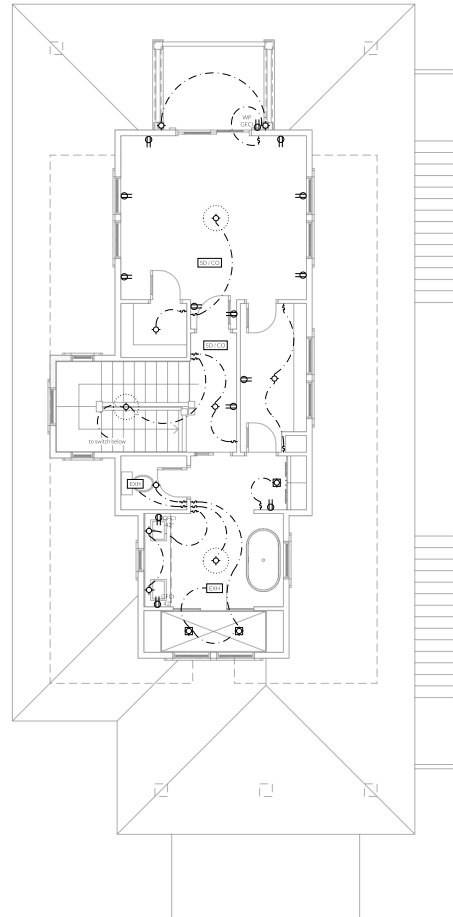
Provide electric fire carbon monoxide detector outside all bedroom locations.

- 120v receptacle: receptacles in sleeping rooms to be arc-fault interrupted.
- 240v receptacle
- smoke & CO alarm: hard-wired and inter-connected with supplemental power.
- light fixture - surface mount at ceiling or surface mount at wall (conceal).
- light fixture - pendant or chandelier
- recessed light fixture
- LED light strip: See plan location for directional and sizing specifications. Switch by timer and light sensor.
- surface mounted security light
- surface mounted artwork light
- light switch
- dimmer
- exhaust fan vented to exterior
- waterproof
- ground fault circuit interrupted
- mounted 42" (100%) above the floor
- motion activated switch
- category 6 network cabling
- ceiling fan

Electrical Panel Detail



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tyreehouseplans.com

+1 (865) 269-2611

sales@tyreehouseplans.com

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Floor 2	1,080	square feet
Floor 3	657	square feet
Total Living	1,742	square feet
Parking / Storage	1405	square feet
Porches	400	square feet
Under Roof	3,627	square feet

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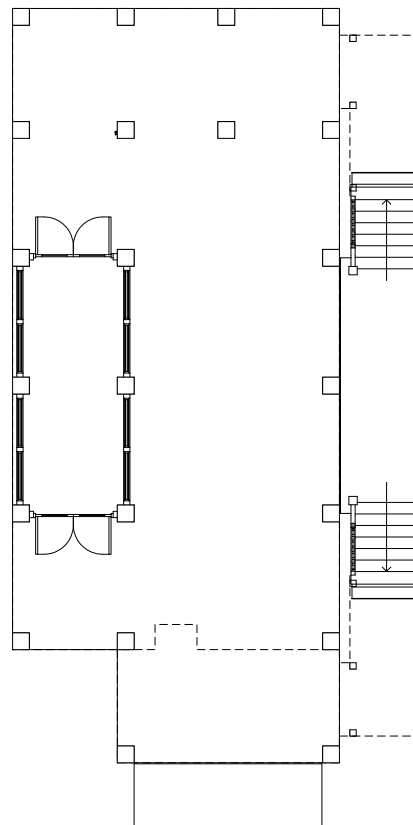
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Index

- 01 Cover
- 02 Site Plan
- 03 Porch Plan
- 04 Connection/Stepping Plan
- 05 First Level Floor Plan
- 06 Second Level Floor Plan
- 07 Third Level Floor Plan
- 08 Front Exterior Elevation, Left Side Exterior Elevation
- 09 Rear Exterior Elevation, Right Side Exterior Elevation
- 10 Building Section
- 11 Foundation and Framing Plan
- 12 Second Level Floor Framing Plan
- 13 Third Level Floor Framing Plan
- 14 Third Level Roof Plan
- 15 Wall Section
- 16 First Level Electrical Plan
- 17 Second Level Electrical Plan
- 18 Third Level Electrical Plan

Third Level Electrical Plan

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Floor 1	0	square feet
Floor 2	1,080	square feet
Floor 3	657	square feet
Total Living	1,742	square feet
Parking / Storage	1,405	square feet
Porches	400	square feet
Under Roof	3,627	square feet

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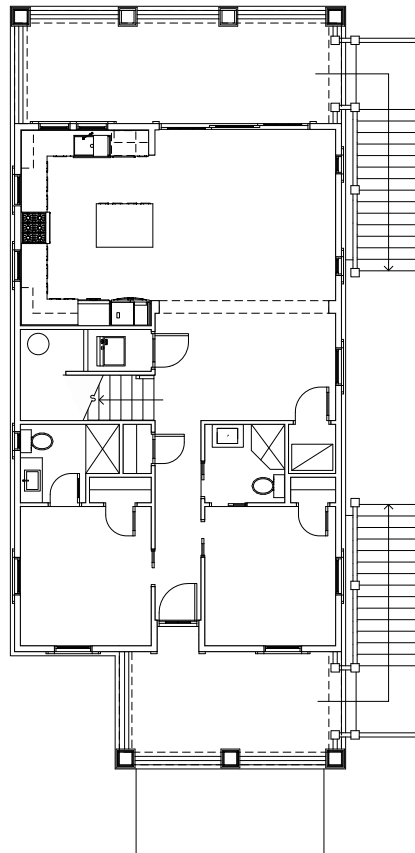
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Index

- Cover
- Site Plan
- Exterior Plan
- Construction/Detailing Plan
- First Level Floor Plan
- Second Level Floor Plan
- Third Level Floor Plan
- Front Exterior Elevation, Left Side Exterior Elevation
- Rear Exterior Elevation, Right Side Exterior Elevation
- Foundation/Detailing Plan
- Second Level Floor Framing Plan
- Third Level Floor Framing Plan
- Third Level Roof Plan
- Wall Section
- First Level Electrical Plan
- Second Level Electrical Plan
- Third Level Electrical Plan

Base1

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Floor 1	0	square feet
Floor 2	1,285	square feet
Floor 3	657	square feet
Total Living	1,942	square feet
Parking / Storage	1485	square feet
Porches	420	square feet
Under Roof	3,627	square feet

Customize

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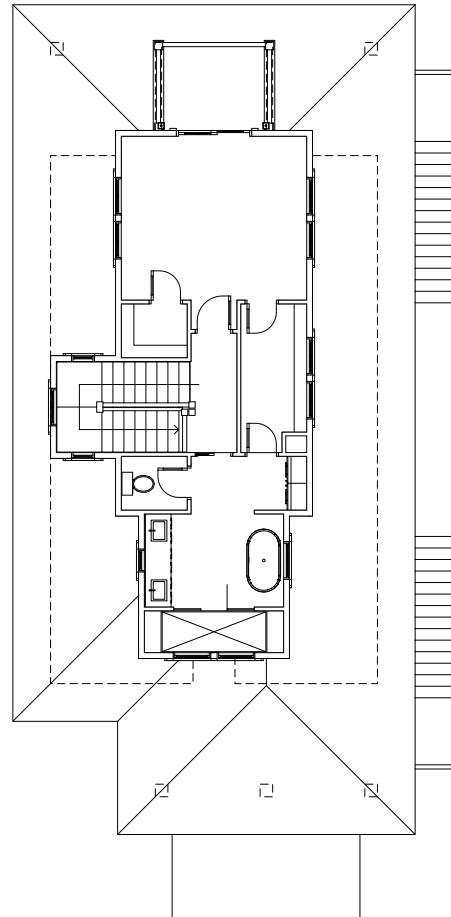
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Index

01. Cover
02. Site Plan
03. Porch Plan
04. Connection/Stepping Plan
05. First Level Floor Plan
06. Second Level Floor Plan
07. Third Level Floor Plan
08. Front Exterior Elevation, Left Side Exterior Elevation
09. Rear Exterior Elevation, Right Side Exterior Elevation
10. Building Section
11. Foundation and Piling Plan
12. Second Level Floor Framing Plan
13. Third Level Floor Framing Plan
14. Third Level Roof Plan
15. Wall Section
16. First Level Electrical Plan
17. Second Level Electrical Plan
18. Third Level Electrical Plan

Base2

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PX2292



tyreehouseplans.com

+1 (865) 269-2611

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Index

01. Cover
02. Site Plan
03. Porch Plan
04. Connection/Stepping Plan
05. First Level Floor Plan
06. Second Level Floor Plan
07. Third Level Floor Plan
08. Front Exterior Elevation, Left Side Exterior Elevation
09. Rear Exterior Elevation, Right Side Exterior Elevation
10. Building Section
11. Foundation and Framing Plan
12. Second Level Floor Framing Plan
13. Third Level Floor Framing Plan
14. Third Level Roof Plan
15. Wall Section
16. First Level Electrical Plan
17. Second Level Electrical Plan
18. Third Level Electrical Plan

Base3