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

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Crew Cut House Plan

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Parking / Storage	1485	(square feet)
Porches	400	(square feet)
Under Roof	3,627	(square feet)

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Cover

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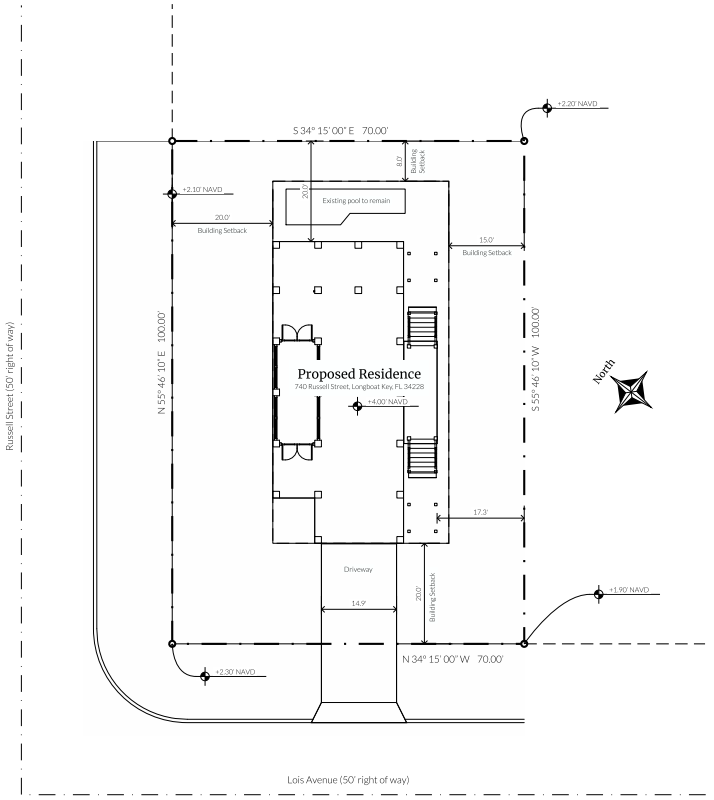
00001



Site Plan

In this drawing, 1" = 10'-0"

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Site Calculations

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

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Crew Cut House Plan

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Site Plan

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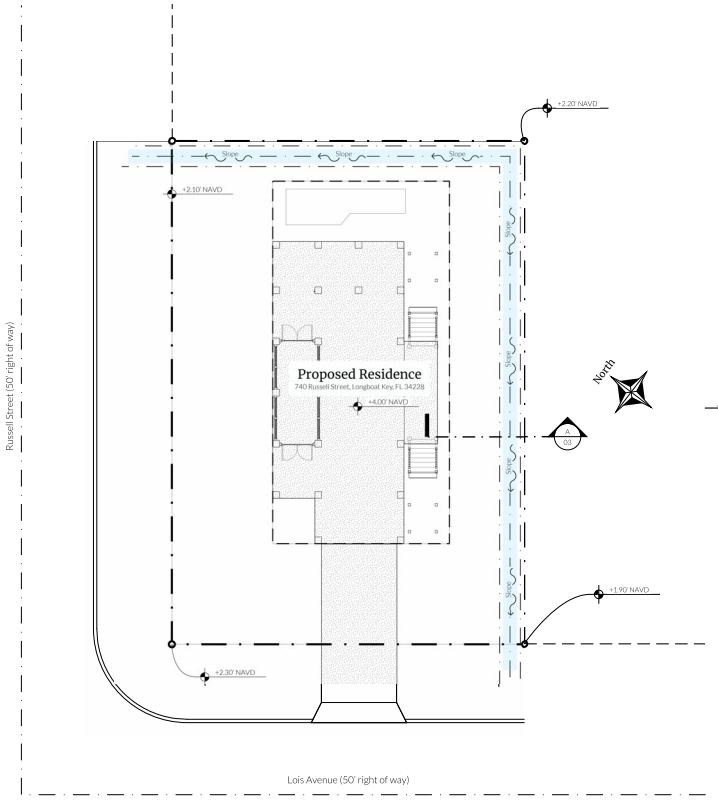
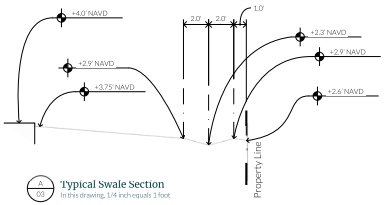


Drainage Plan
In this drawing 1" = 10'-0"



A
03
Typical Swale Section
In this drawing, 1/4 inch equals 1 foot

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Crew Cut House Plan

Plan THP1168 is designed to meet the requirements of the 2024 International Residential Code, first published on August 15, 2025, with the most recent modification on August 15, 2025. All drawings are scaled at 1/4 inch equals 1 foot, unless noted otherwise.

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Drainage Plan

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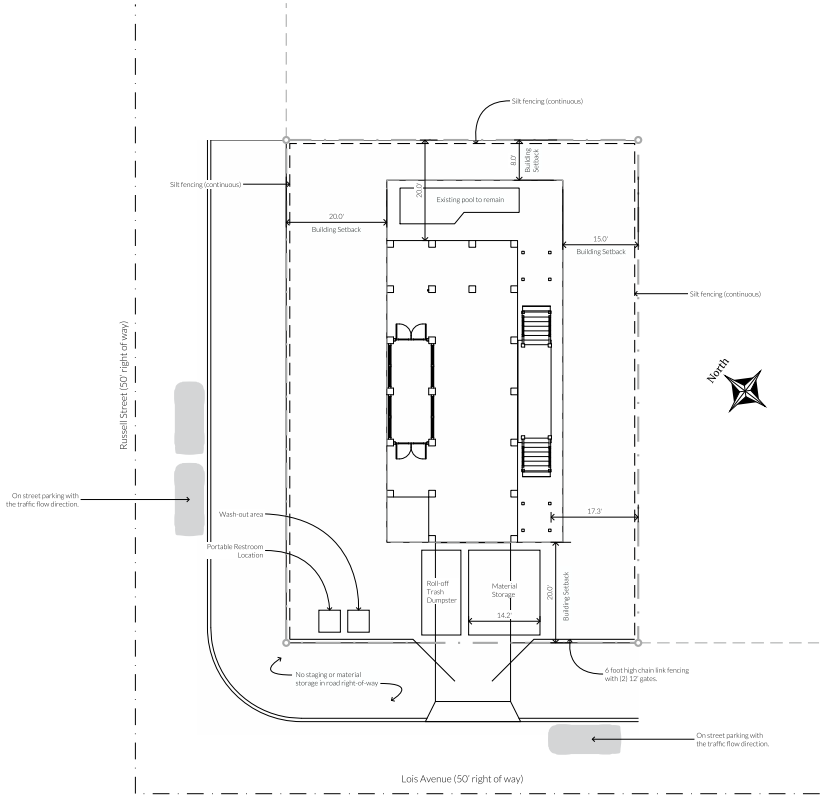

Construction Staging Plan
In this drawing 1" = 10'-0"

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Construction Staging Plan

Floor Plan Notes

Structural wood components (beams, joists, rafters, etc.) shall have the following minimum allowable fiber stresses of no.2 southern pine conforming to 1997 NDS, as follows:

Shear Fv = 90 psi / 620 kPa
Bending 2x4 or 2x6 Fb = 1250 psi / 8618kPa
Bending 2x8 Fb = 1200 psi / 8273kPa
Bending 2x10 Fb = 1050 psi / 7239kPa
Bending 2x12 Fb = 975 psi / 6722kPah

Wood in contact with concrete of masonry, and at other locations as shown on structural drawings, shall be protected or pressure treated in accordance with AITC 109.

All wall framing to be Spruce, #2 grade. Floor plan dimensions are from face to face of an assumed 4", 6", or 8" Lttn., 15in. or .2m) wall construction.

Micro-Lam beams shall conform to NER 126 and shall be 2.0 E 5.P. (Fb = 2925psi / 20,167kPa, E = 2,000,000psi / 13,789,514kPa.)

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 10d common nails.

All metal connectors shall be galvanized. Connector model numbers shown are Strong-Tie connectors as manufactured by Simpson Strong-Tie Company, Inc., https://strongtie.com Substitutions are acceptable with the approval of the engineer of record. Unless shown otherwise, install size and number of fasteners shown in the latest Simpson catalog.

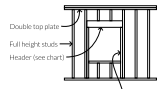
Standard washers shall be used between wood and bolt heads and nuts. Bolts and screws shall be ASTM A-307

Multi-member wood rafters, beams, and ledgers shall be fastened together with 10d common nails in evenly spaced staggered patterns as shown below, unless noted otherwise. For multi-ply members of three or more, the nails shall be installed successively. Nail the first two members together as shown below, then attach the third ply, and then additional layers. All multi-ply members shall be full length except for ledger members.

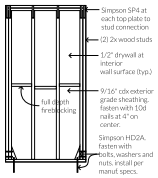
Concrete blocks shall be ASTM C-90 for hollow load bearing type masonry with unit strength of 1900 psi/90.9kPa on the net area (fm = 1500 psi / 71.8kPa). Mortar shall be type M or S and meet ASTM C-270. Grout shall be 2000psi/95.76kPa minimum compressive strength and meet ASTM C-476. Slump shall be 8-11" (.2-.27m). Provide hooked dowels in footings for all vertical reinforcing above. Provide 40" (1m) overlap for #5 rebar, 48" (1.2m) for #6 rebar, and 56" (1.4m) overlap for #7 rebar. Provide 9 gauge galvanized horizontal joint reinforcing. (Dur-o-Wall or engineer approved equal) at alternate block courses.

The wood header span chart (below) is based on 10' (3m) tributary floor and roof loads.Span chart based on header providing support for wall height equal to width of opening. Nominal 4" (.1m) wide single headers may be substituted for the double members. Spans are based on #2 or standard grade lumber. #3 grade lumber may be used with appropriate design.

	supports 0 floors 1 roof	supports 1 floors 1 roof	supports 2 floors 1 roof
(2) 2x4	up to 4'	-	-
(2) 2x6	4' to 6'	up to 4'	up to 4'
(2) 2x8	6' to 8'	4' to 6'	4' to 6'
(2) 2x10	8' to 10'	6' to 8'	6' to 8'
(2) 2x12	10' to 12'	8' to 10'	8' to 10'



Shear Wall Detail



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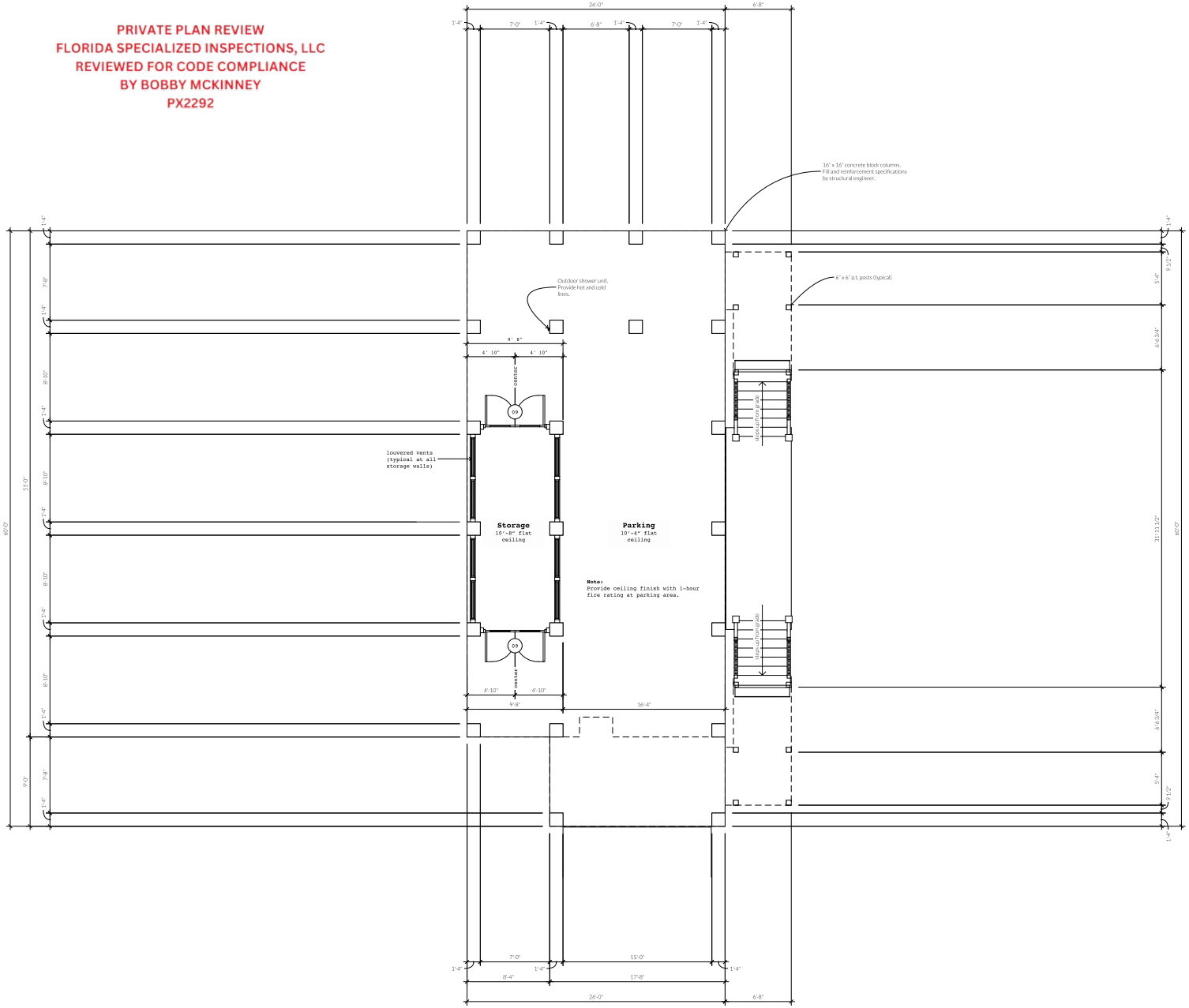

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Crew Cut House Plan

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First Level Floor Plan

05

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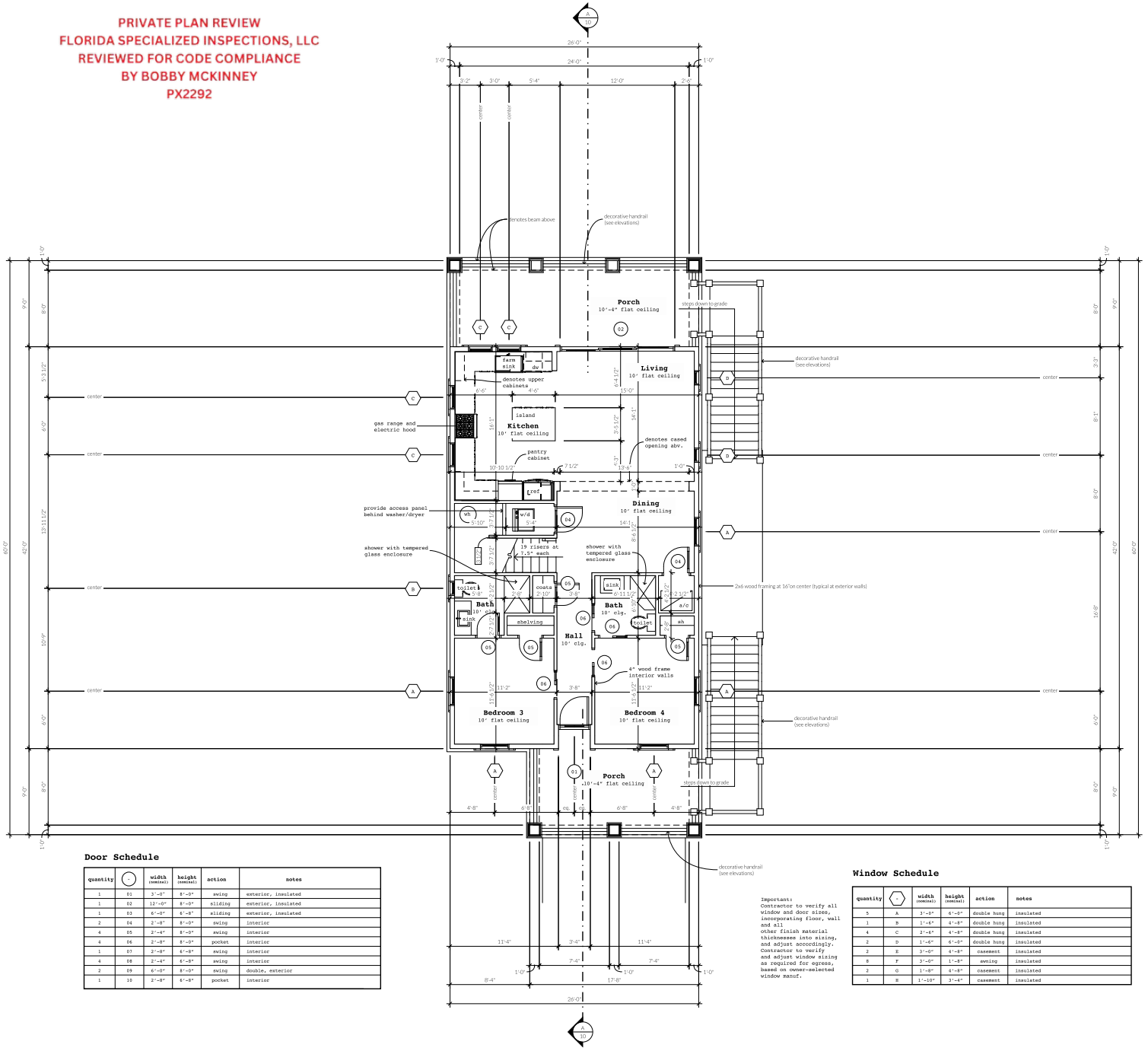

Door Schedule

quantity		width (nominal)	height (nominal)	action	notes
1	01	3'-0"	8'-0"	swing	exterior, insulated
1	02	12'-0"	8'-0"	sliding	exterior, insulated
1	03	6'-0"	6'-8"	sliding	exterior, insulated
2	04	2'-8"	8'-0"	swing	interior
4	05	2'-4"	8'-0"	swing	interior
4	06	2'-0"	8'-0"	pocket	interior
1	07	2'-8"	6'-8"	swing	interior
4	08	2'-4"	6'-8"	swing	interior
2	09	6'-0"	8'-0"	swing	double, exterior
1	10	2'-8"	6'-8"	pocket	interior

Important:
Contractor to verify all window and door sizes, incorporating floor, wall and all other finish material thicknesses into sizing, and adjust accordingly. Contractor to verify and adjust window sizing as required for egress, based on owner-selected window manuf.

Window Schedule

quantity		width (nominal)	height (nominal)	action	notes
5	A	3'-0"	6'-0"	double hung	insulated
1	B	1'-6"	4'-8"	double hung	insulated
4	C	2'-6"	4'-8"	double hung	insulated
2	D	1'-6"	6'-0"	double hung	insulated
2	E	3'-0"	4'-8"	casement	insulated
8	F	3'-0"	1'-8"	awning	insulated
2	G	1'-8"	6'-8"	casement	insulated
1	H	1'-10"	3'-4"	casement	insulated

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Second Level Floor Plan

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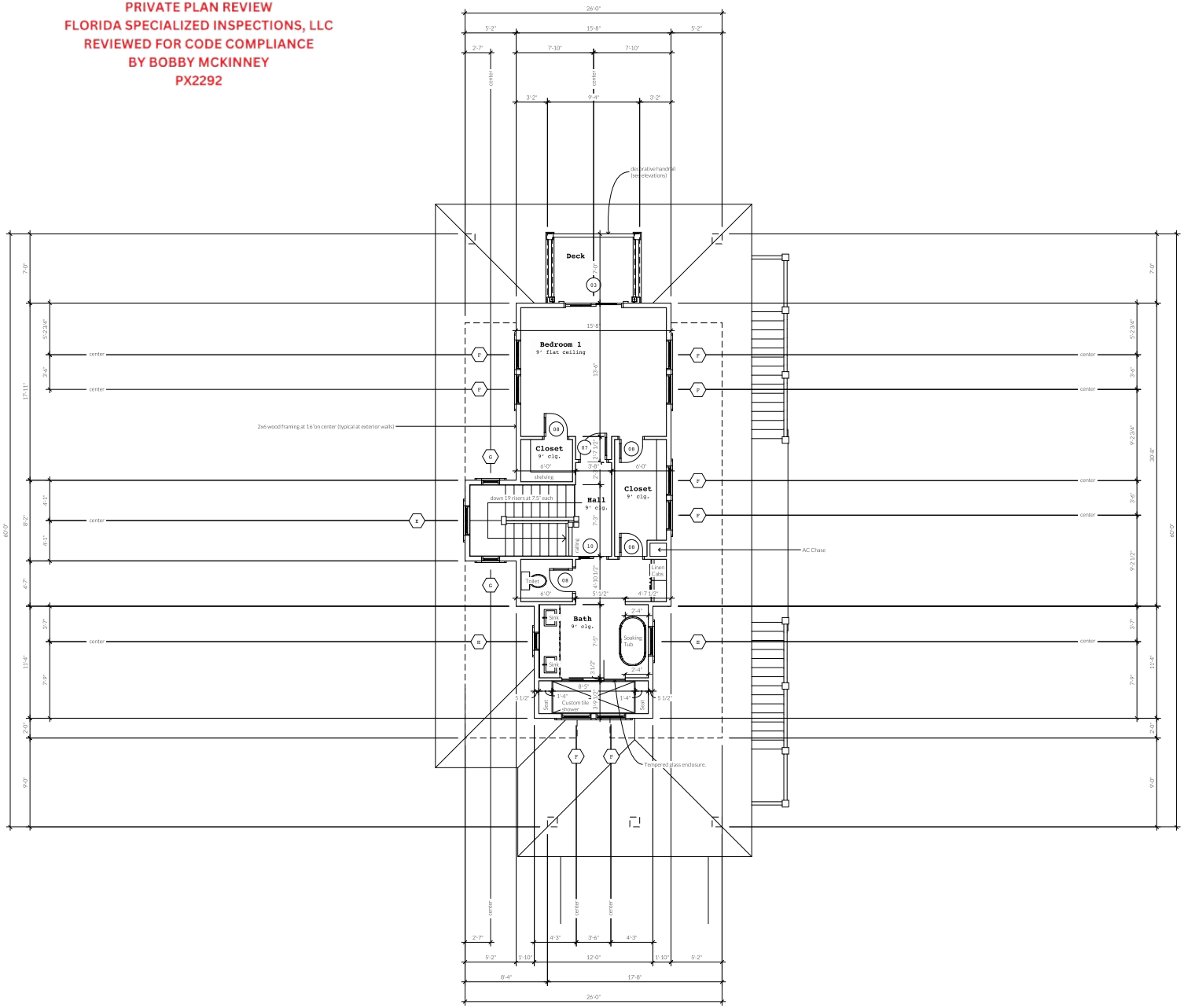

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Crew Cut House Plan

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Third Level Floor Plan

07

Elevations & Sections Notes

-

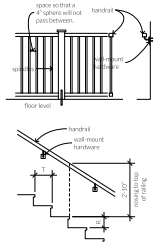
Exterior Finish Schedule

001	Lap siding (painted "Word Turquoise" by Sherwin Williams)
002	2x Wood window trim (painted white)
003	Tapered square column over structural post.
004	16" square concrete columns 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

Tread (T) to be maximum 11-1/2", minimum 10"
Riser (R) to be maximum 7-3/4", minimum 6-3/4"

Provide 7'-0" minimum headroom above stairs. 2 Risers (R) + 1 Tread (T) = 24-25". Maximum total variation between all risers to be 3/8" total.



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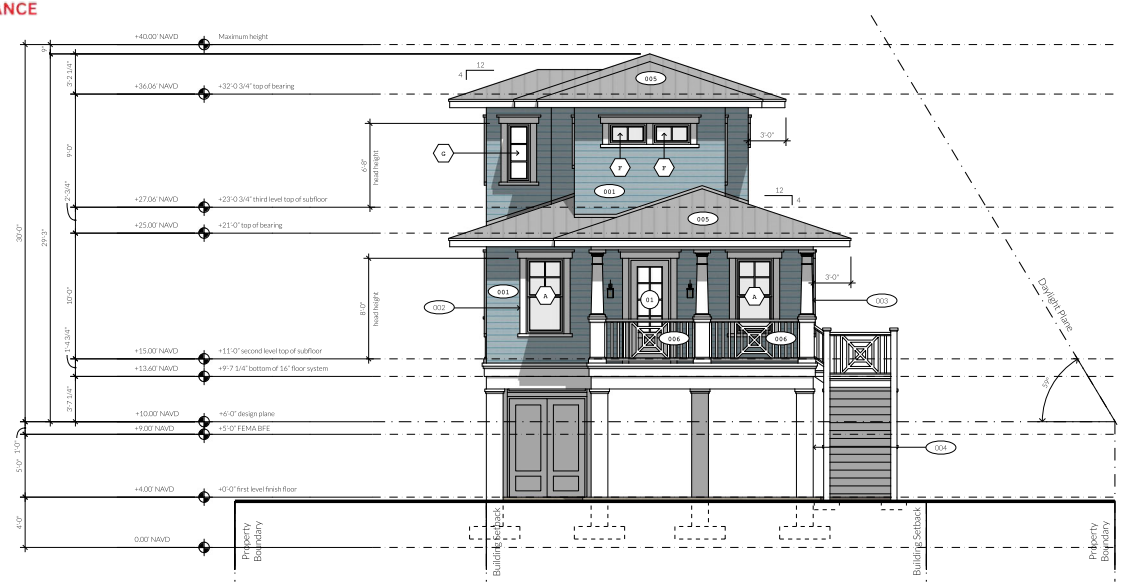
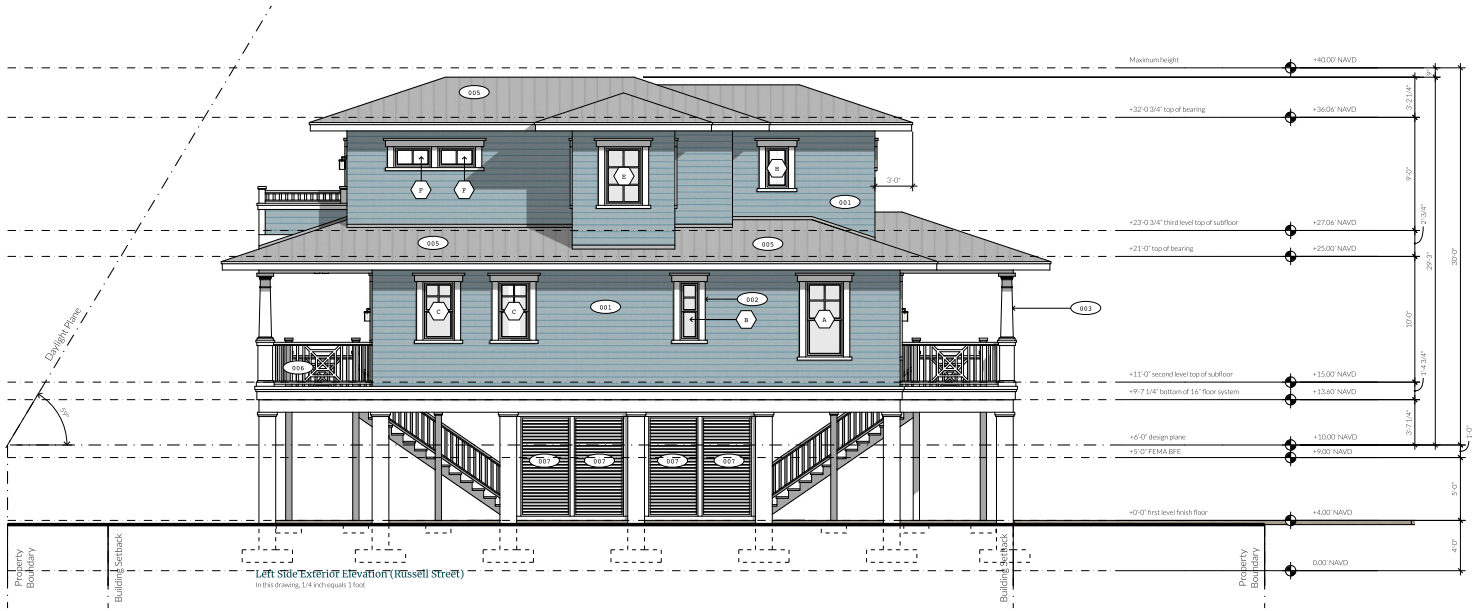


Front Exterior Elevation (Lois Avenue)
In this drawing, 1/4 inch equals 1 foot



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

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Front Exterior Elevation, Left Side Exterior Elevation

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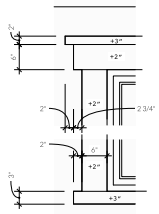
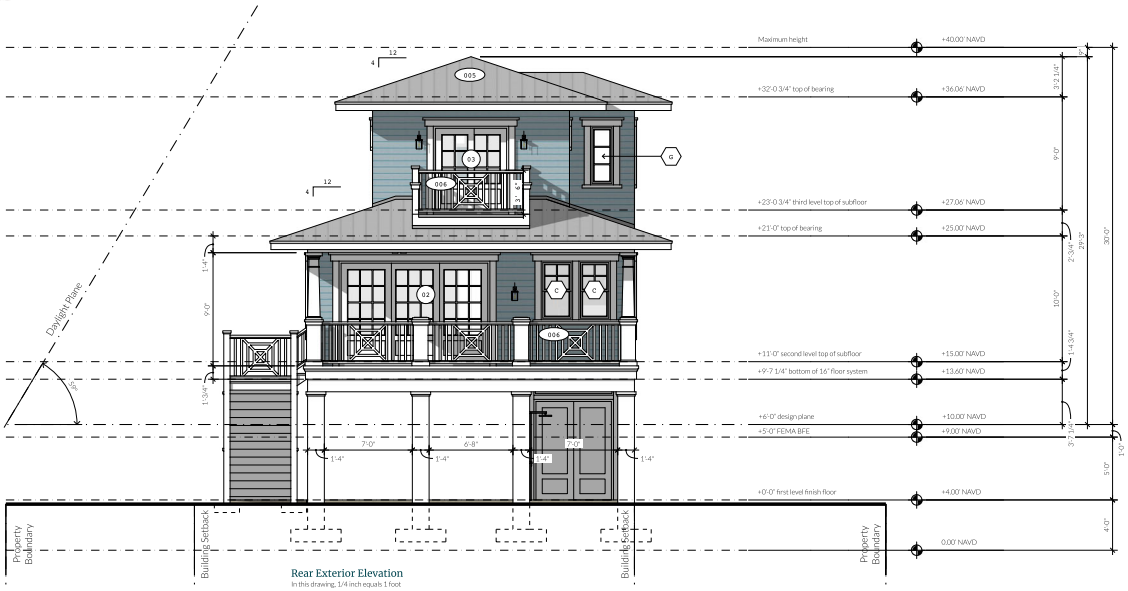
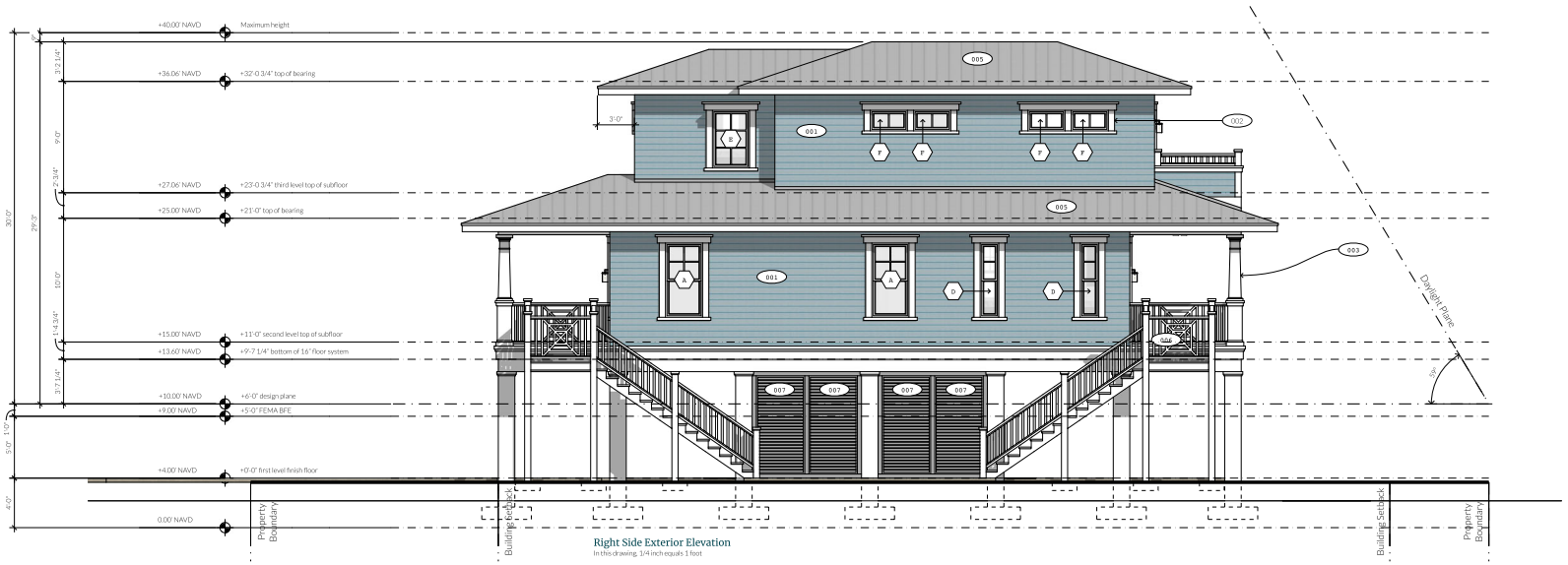


Window Trim Detail
In this drawing, 1" equals 1'-0"



Rear Exterior Elevation
In this drawing, 1/4 inch equals 1 foot



Right Side Exterior Elevation
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Rear Exterior Elevation,
Right Side Exterior Elevation

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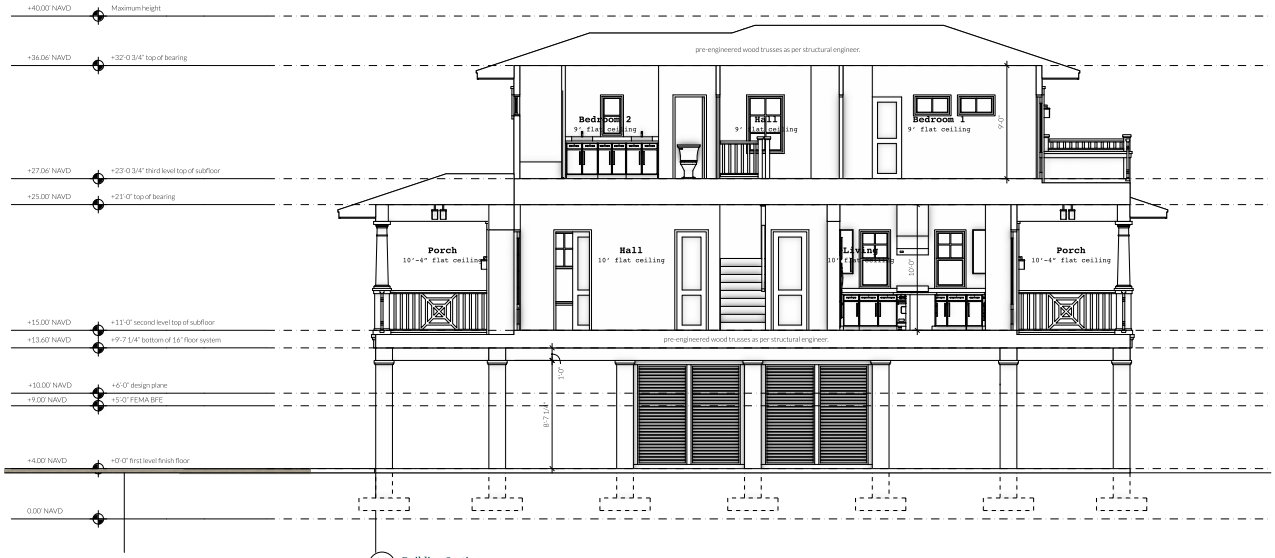

AA 10 Building Section
In this drawing, 1/4 inch equals 1 foot

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Building Section

Foundation Notes

Structural engineer (provided by contractor) shall calculate and annotate beams, point loads, footing locations and footing specifications throughout structure.

Foundations are designed for an assumed allowable soil bearing pressure of 2000 psf (95kPa) 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 assembly specifications are: Concrete slab to be 4" (0.1m) smooth trowel finish concrete (3000 psi min.) with 6"x6" 10/10 (0.15m) welded wire mesh over 6 mil. vapor barrier over compressed clean termite treated soil. Fiber-mesh may be used in place of welded wire mesh.

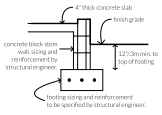
Concrete shall be per an approved mix design proportioned to achieve a 28 day strength of 3000 psi (345kPa) with a plastic and workable mix. Slump shall be four inches plus or minus one inch. Concrete shall be placed and cured according to ACI standards and specifications. Mix shall meet the requirement of ASTM C-33 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. Minimum 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 bending diagram and placing details of ACI standards and specifications. Minimum overlap of 25" (.6m). Steel coverage for footings and slabs (against earth) to be 3" (7.6cm). Vertical wall reinforcing steel at 6' (1.8m) on center, both sides of openings, and 2 cells both sides at spans over 8' (2.4m)

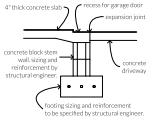
Footing Detail 01

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



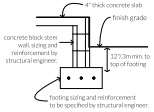
Footing Detail 02

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



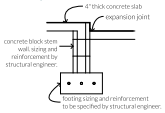
Footing Detail 03

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



Footing Detail 04

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



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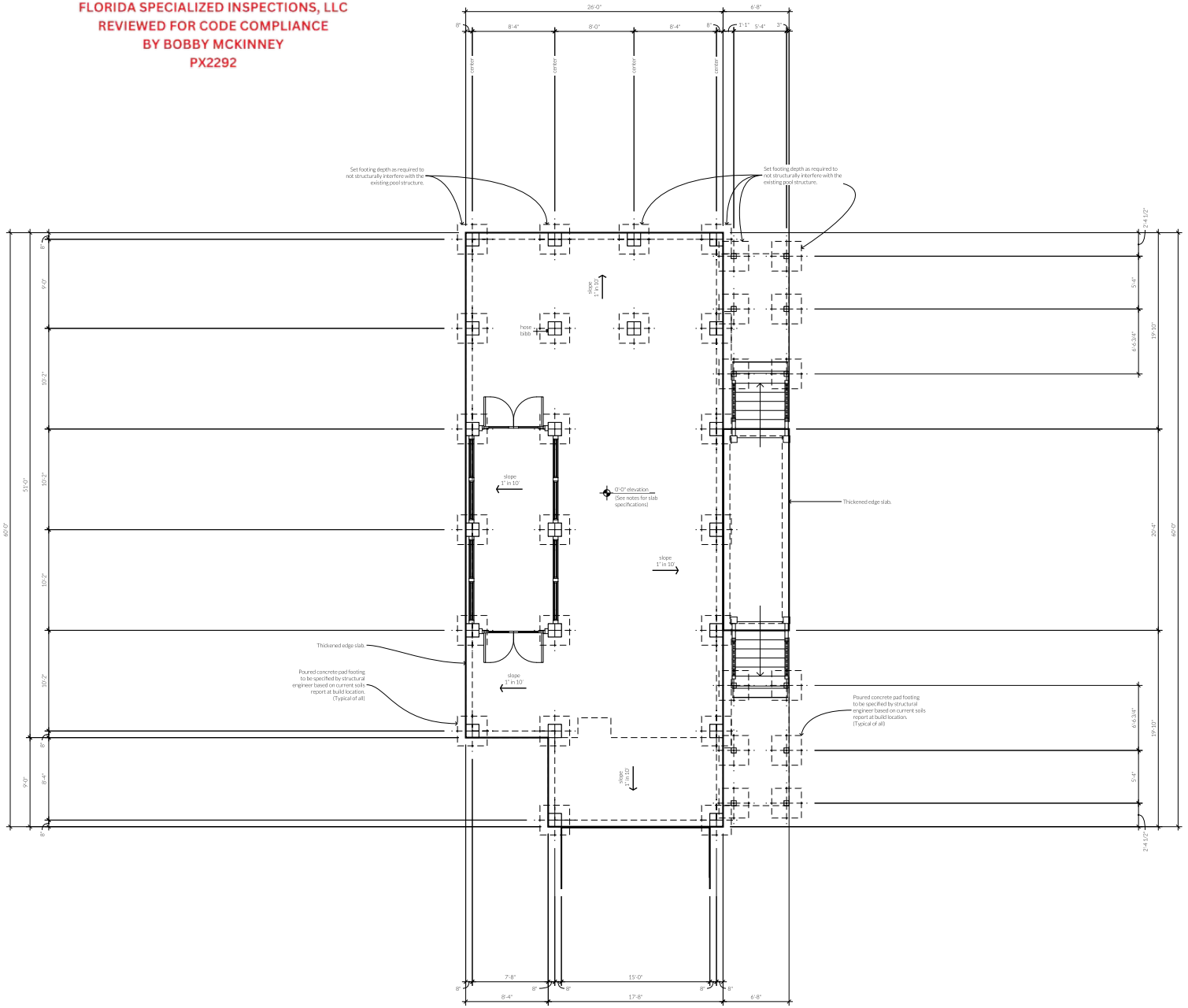

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Crew Cut House Plan

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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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Foundation and Piling Plan

Roof Plan Notes

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Dead load 0.90
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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 wane, 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-down.

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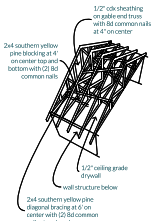

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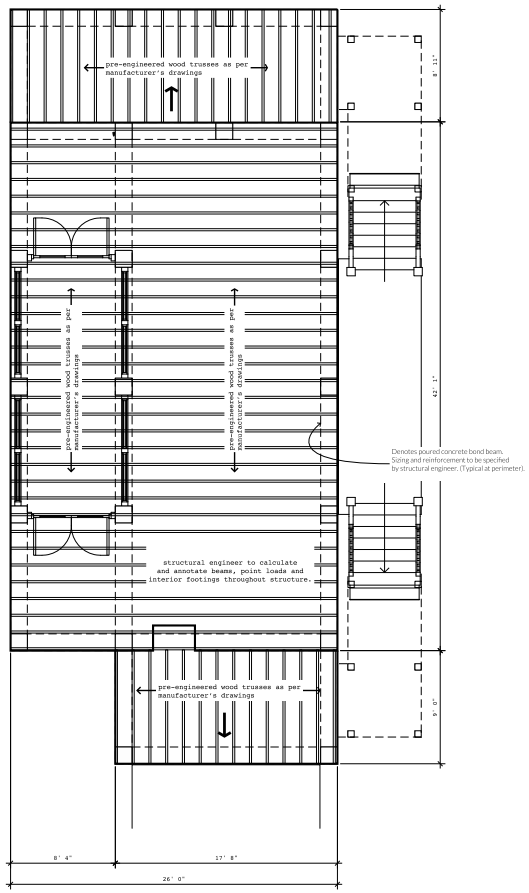

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Second Level Floor Framing Plan

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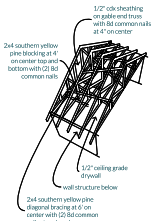

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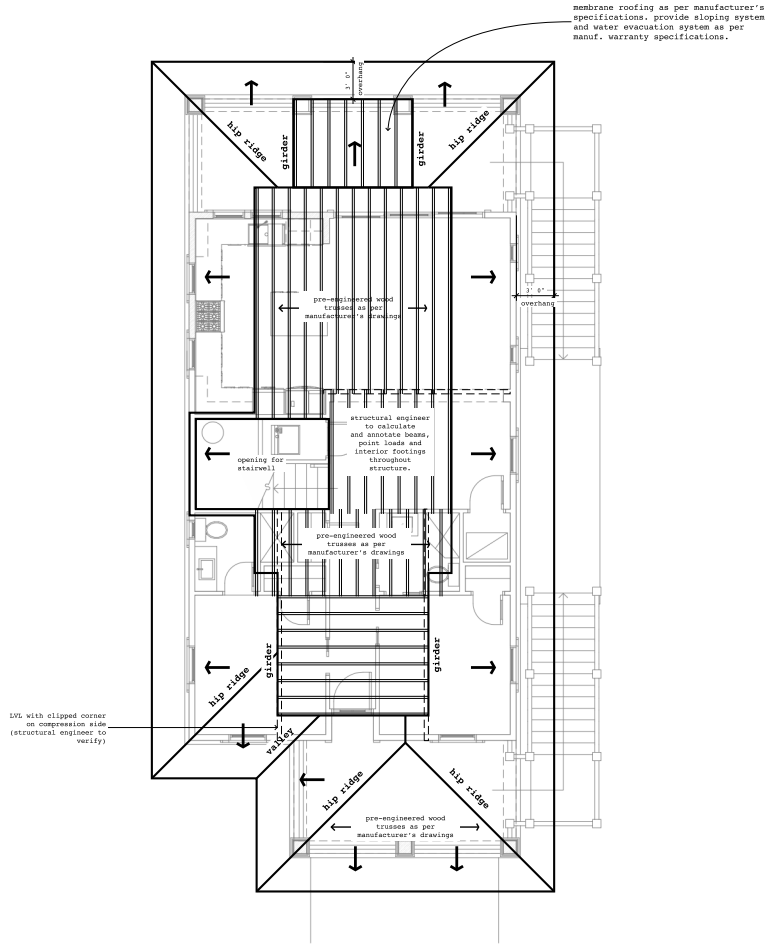

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Second Level Roof Plan / Third Level Floor Framing Plan

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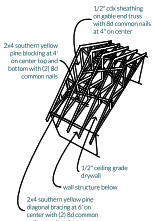

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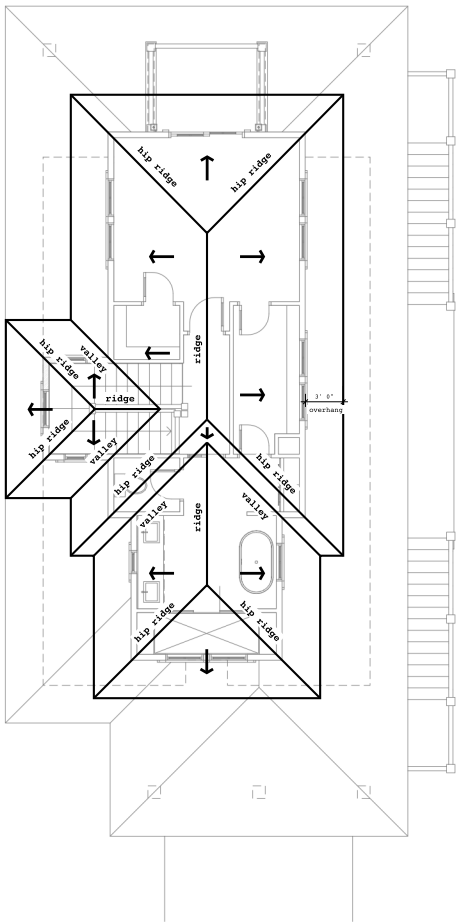

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Third Level Roof Plan

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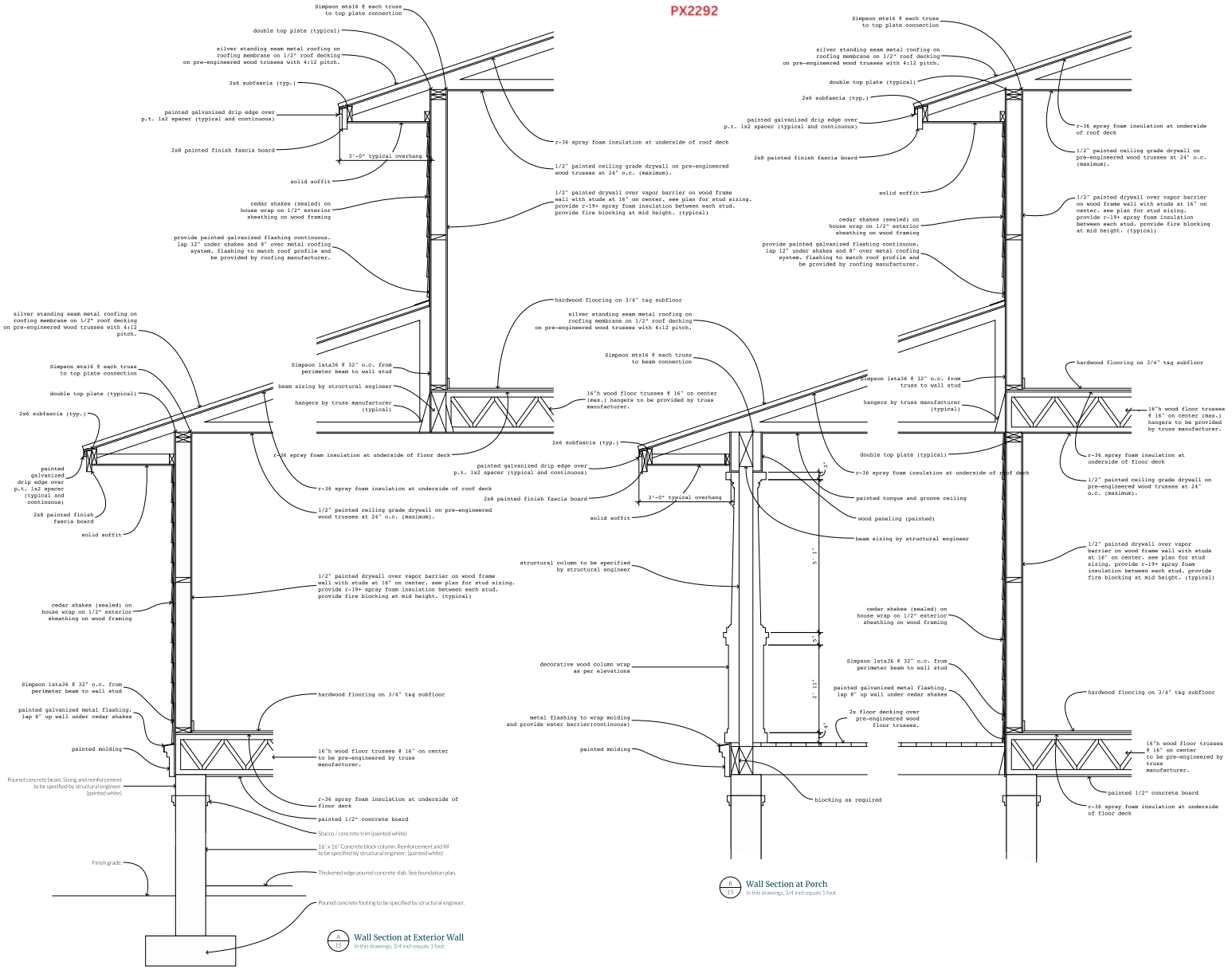

A/15 Wall Section at Exterior Wall
In this drawings, 3/4 inch equals 1 foot

B/15 Wall Section at Porch
In this drawings, 3/4 inch equals 1 foot

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Wall Sections

Electrical Notes

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

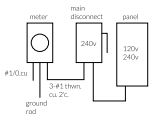
Contractor to locate all mechanical equipment based on site conditions and mechanical system requirements. Provide electrical service as required by equipment manufacturer for contractor-specified a/c compressor locations.

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

Provide electrical carbon monoxide detector outside all bedroom locations.

- 120v receptacle. receptacles in sleeping rooms to be arc-fault interrupted.
- 240v receptacle
- SD / CO — smoke & CO alarm, hard-wired and interconnected with supplemental power.
- light fixture - surface mount at ceiling or surface mount at wall (sconce).
- 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
- D — dimmer
- EXH — exhaust fan vented to exterior
- WP — waterproof
- GFCI — ground fault circuit interrupted
- 42" — mounted 42" (1.0m) above the floor
- Motion — motion activated switch
- CAT6 — category 6 network cabling
- ceiling fan

Electrical Panel Detail



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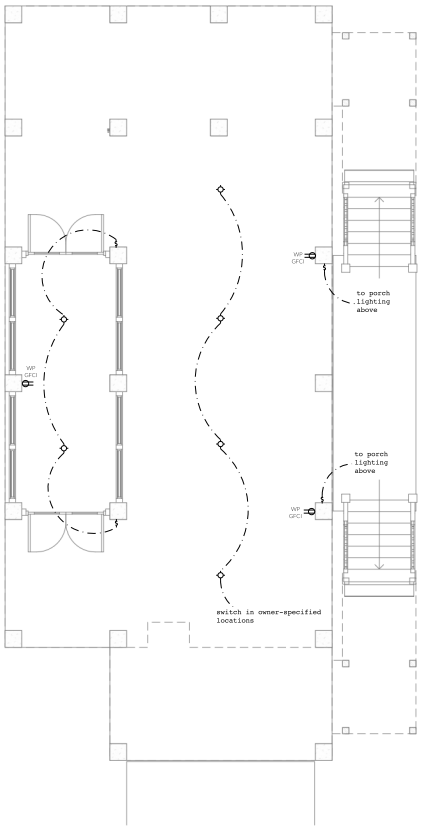

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First Level Electrical Plan

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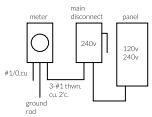

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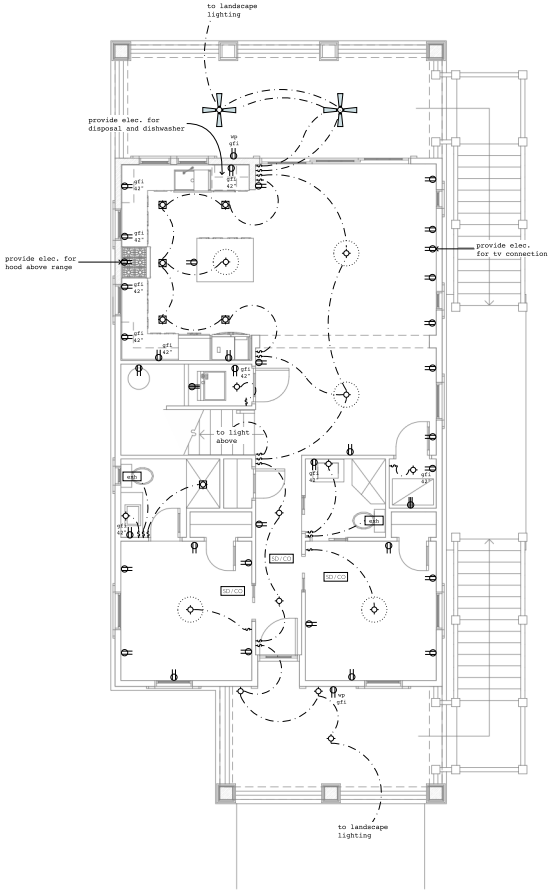

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Second Level Electrical Plan

Electrical Notes

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

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

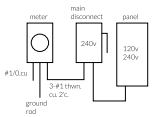
Contractor to locate all mechanical equipment based on site conditions and mechanical system requirements. Provide electrical service as required by equipment manufacturer for contractor-specified a/c compressor locations.

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

Provide electrical carbon monoxide detector outside all bedroom locations.

- 120v receptacle, receptacles in sleeping rooms to be arc-fault interrupted.
- 240v receptacle
- SD / CO — smoke & CO alarm, hard-wired and interconnected with supplemental power.
- light fixture - surface mount at ceiling or surface mount at wall (sconce).
- 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
- D — dimmer
- EXH — exhaust fan vented to exterior
- WP — waterproof
- GFCI — ground fault circuit interrupted
- 42" — mounted 42" (1.0m) above the floor
- Motion — motion activated switch
- CAT6 — category 6 network cabling
- ceiling fan

Electrical Panel Detail



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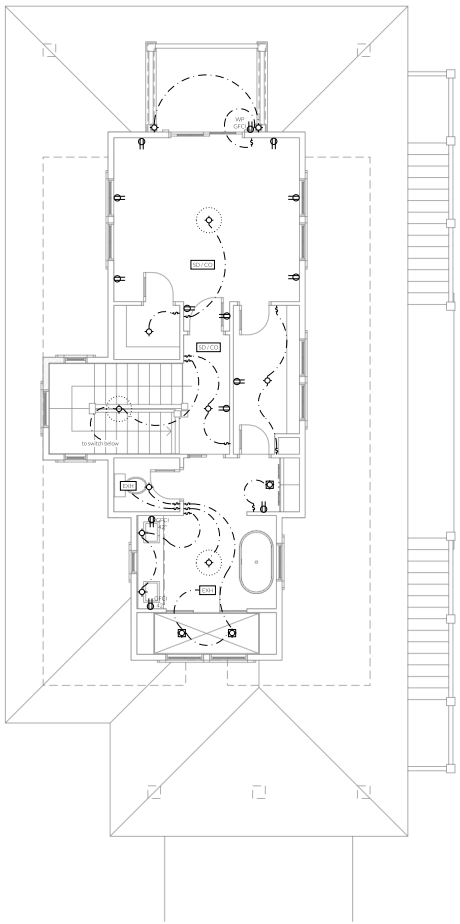

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Legal

Crew Cut House Plan

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

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)

Customize

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Third Level Electrical Plan

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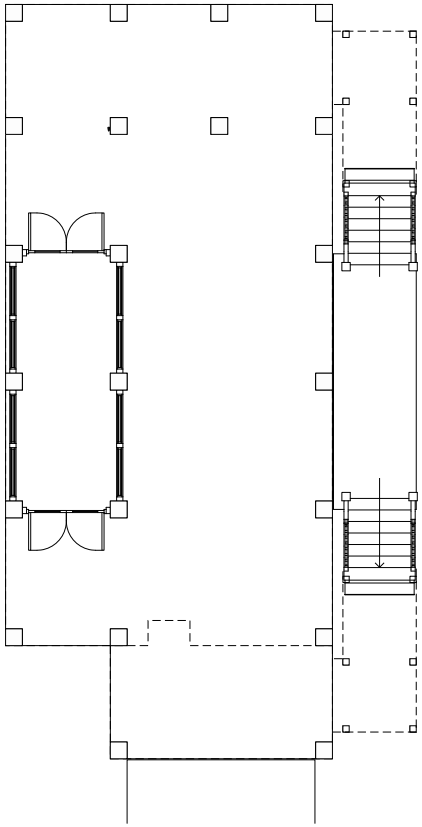

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Crew Cut House Plan

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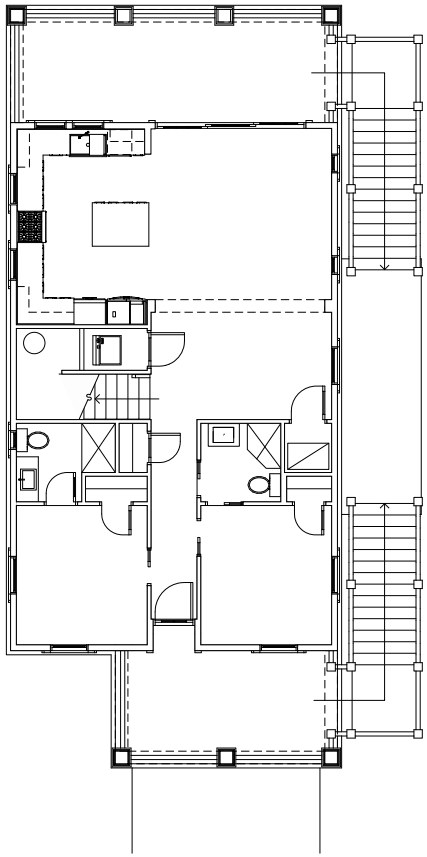

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Base2

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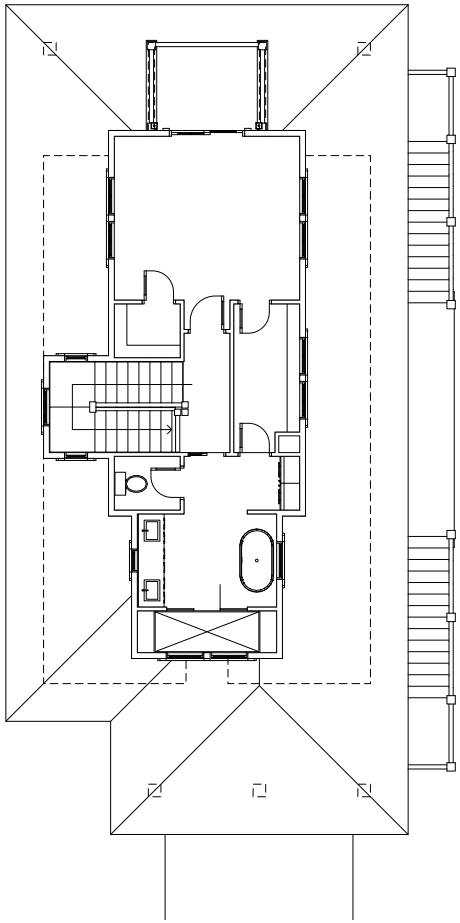

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