

Staff Report

Infill Housing Design Review Committee

File Number: 7-A-22-IH

Meeting: 8/17/2022

Applicant: Josh Braden BN Group, LLC **Owner:** Josh Braden BN Group, LLC

Property Information

Location: 3335 Johnston St. Parcel ID 81 H C 04201

Zoning: RN-2 (Single-Family Residential Neighborhood)

District: Lonsdale Infill Housing Overlay District

Description of Work

Level III Driveways, Parking Pads, Access Points, Garages, or Similar, New Primary Structure

New primary residence fronting Johnston Street. One-story, side-gable roof residence measures 30' wide by 40' long, with a 9' deep front porch centered on the façade (east). The parking is proposed as a 20' by 20' concrete parking pad in the front yard.

The application was postponed from the 7/20/22 meeting date to allow the applicant the opportunity to address condition of approval #6: "introduce differentiation in design between 3327, 3331, and 3335 Johnston Street." The revised proposal includes a centered, hipped-roof porch and a slightly shifted front door.

The one-story house features a 6/12 pitch, side-gable roof clad in asphalt shingles, an exterior of vinyl slap siding, and a brick or stone-clad foundation. The house features a 21' wide, 9' deep front porch centered on the façade, with a hipped roof. The porch also features a square horizontal beam support, "accented to appear as timber beams," supported by two square 6 by 6 posts on brick piers. The façade (east) features an off-center door and two one-over-one windows. The right (north) elevation features three bays of one-over-one windows, with three bays of windows and a secondary entry on the left elevation. The revised rear elevation has one one-over-one windows.

Applicable Design Guidelines

Heart of Knoxville Infill Housing Design Guidelines

- 1. Front Yards
- Consistent front yard space should be created along the street with the setback of a new house matching the older houses on the block.
- When several infill houses, porches and the habitable portion of each house should be about the same distance from the street as the original houses.
- A walkway should be provided from the sidewalk or street to the front door. Along grid streets, the walk should be perpendicular to the street.
- Healthy trees that are outside the building footprint should be preserved. The root area should be marked and protected during construction.
- 2. House Orientation and Side Yards

- New housing should be proportional to the dimensions of the lot and other houses on the block.
- Side yard setbacks should be similar to older houses on the block, keeping the rhythm of spacing between houses consistent.

3. Alleys, Parking, and Services

- Parking should not be in front yards.
- Alley access should be used for garage or parking pad locations.
- On streets without alleys, garages or parking pads should be at least 20' behind the front façade of the infill house with access limited to one lane between the street and the front façade.
- On those streets which have alleys, driveways should not be permitted from the front of the house.
- Alley oriented parking pads, garbage collection points, and utility boxes should be screened with a combination of landscaping and fencing.

4. Scale, Mass, and Foundation Height

- The front elevation should be designed to be similar in scale to the other houses along the street.
- The front façade of new houses should be about the same width as original houses on the block.
- If extensions or bays were typically part of the neighborhood's historic house design, such elements should be incorporated into infill housing.
- New foundations should be about the same height as the original houses in the neighborhood.

5. Porches and Stoops

- Porches should be part of the housing design in those neighborhoods where porches were commonplace.
- Porches should be proportional to original porches on the block, extending about 8-12' toward the street from the habitable portion of the house.
- Porches should extend into the front yard setback, if necessary, to maintain consistency with similarly sited porches along the street.
- Porch posts and railings should be like those used in the historic era of the neighborhood's development.

6. Windows and Doors

- When constructing new houses, the windows and door styles should be similar to the original or historic houses on the block.
- To respect the privacy of adjacent properties, consider the placement of side windows and doors.
- The windows and doors on the front façade of an infill house should be located in similar proportion and position as the original houses on the block.
- Attention should be paid to window placement and the ratio of solid (the wall) to void (the window and door openings).
- Contemporary windows such as "picture windows" should not be used in pre-World War II neighborhoods.

7. Roof Shapes and Materials

- New roofs should be designed to have a similar pitch to original housing on the block.
- More complex roofs, such as hipped roofs and dormers, should be part of new housing designs when such forms were historically used on the block.
- Darker shades of shingle were often used and should be chosen in roofing houses in Infill neighborhoods.

8. Siding Materials

- Clapboard-like materials should be used in constructing new housing where painted wood siding was traditionally used.
- Brick, wood shingle, and other less common material may be appropriate in some older neighborhoods, particularly those with a mix of architectural styles.
- Faced stone, vertical siding, and other non-historic materials should not be used in building new houses.

- 11. Landscape and Other Considerations
- One native or naturalized shade tree should be planted in the front and rear yards of infill lots with 25 feet or more in depth to front of house.

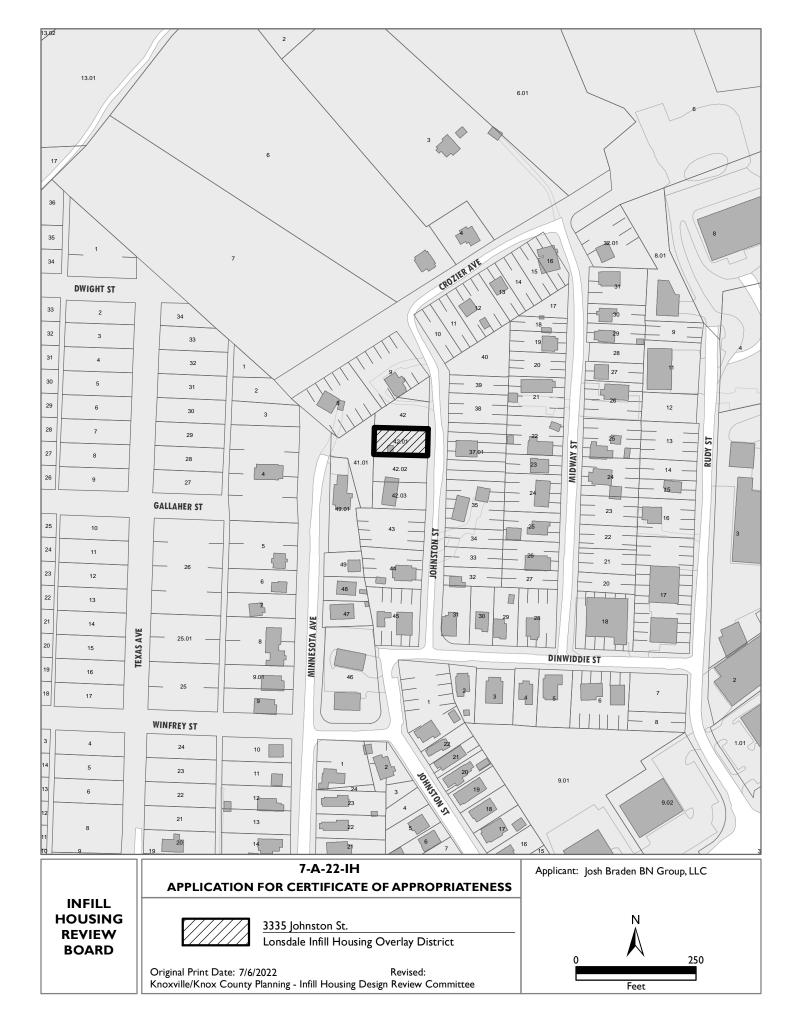
Comments

- 1. The Design Review Board postponed the application at the July meeting in order to review the applicant's revised design and differentiation between the three adjoining new construction houses. The revised drawing features a hipped-roof porch centered on the façade, and square posts supported by brick piers.
- 2. The Infill Housing design guidelines note that "parking should not be in front yards." The block does not have an operable alley. Guidelines recommend that "on streets without alleys, parking should be at least 20' behind the front façade of the infill house with access limited to one lane between the street and the front façade." The previous review requested the site plan should be revised to meet design guidelines and City Engineering standards. Due to line of sight issues on a steep road and the topography of the sites, City Engineering will require the driveways to have turnaround areas immediately adjacent to the right-of-way, and access points be optimized to prevent sight distance areas. 3335 Johnston Street is required to have a driveway against the southern property line. Due to multiple constraints on the property, City Engineering requirements will supersede the Infill Guidelines in this case. Any minor modifications to the site plan should meet City Engineering requirements.
- 3. The proposed materials do meet the design guidelines; final selection of vinyl siding should be smooth-finished, straight lap siding with an overlap similar to historic wood siding, instead of Dutch lap siding or flush panels. The final drawings should incorporate a front door compatible with historic doors in the neighborhood.
- 4. Final site plans should incorporate one native or naturalized shade tree in the front and rear yards.

Recommendation

Staff recommends approval of Certificate 7-A-22-IH, subject to the following conditions:

- 1) Final site plan to meet City Engineering standards;
- 2) Exterior siding to be smooth-finished, straight vinyl lap siding with an overlap instead of Dutch lap, and applicant to select a front door which meets design guidelines;
- 3) Final site plans to incorporate one native or naturalized tree in front and rear yards.





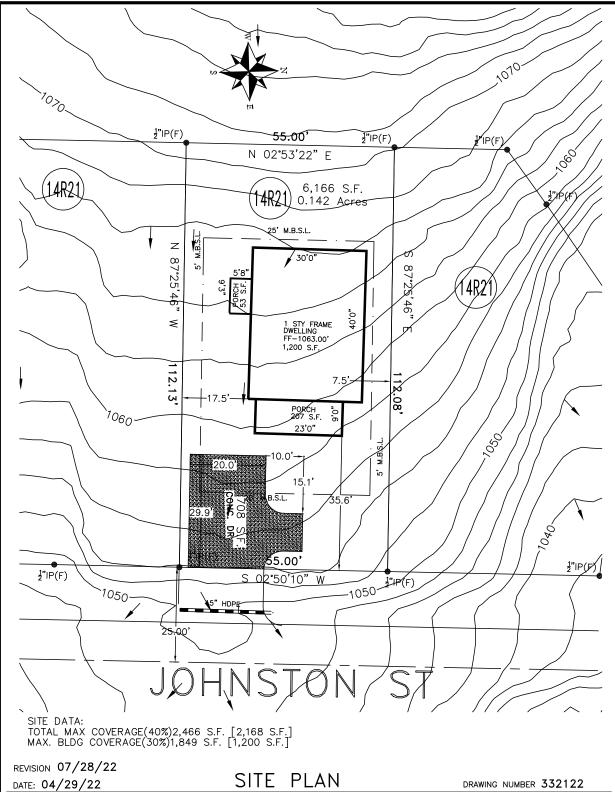
DESIGN REVIEW REQUEST

☐ DOWNTOWN DESIGN (DK)

Planning 🖰 HIS	TORIC ZONING (H)		
KNOXVILLE I KNOX COUNTY	ILL HOUSING (IH)		
BN GROUP, LLC.			
Applicant			
06/09/22 07	/20/2022	7-A-22-	IH
Date Filed Me	eeting Date (if applicable)	File Numbe	r(s)
CORRESPONDENCE			
All correspondence related to this application sh ■ Owner □ Contractor □ Engineer □		ed below.	
Josh Braden	Architect/Landscape Architect		
	BN GROUP, LLC.		
Name	Company		
303 Bob Smith Lane	Knoxville	TN	37924
Address	City	State	Zip
865.696.7375 jos	shuabradens 4@gmail.com		
Phone Em	nail		
CURRENT PROPERTY INFO			
BN GROUP, LLC.	303 Bob Smith Lane, Knoxville, TN 379	24 86	55.696.7343
Owner Name (if different from applicant)	Owner Address	Ov	vner Phone
3335 Johnston Street, Knoxville, TN 37921	#081HC042		
Property Address	Parcel ID		
	RN2		
Neighborhood	Zoning		
	20111119		
AUTHORIZATION			
AOTHORIZATION			
Lindsay Crockett	Lindsay Crockett	6.	13.22
Staff Signature 🗸	Please Print	Da	te
$\Omega \subset \mathbb{R}^{2}$			
115	Josh Braden	06	5/09/2022
Applicant Signature	Please Print	Da	te

REQUEST

	Level 1:				
-	☐ Signs ☐ Alteration of an existing building/structure				
5	Level 2:				
DES	☐ Addition to an existing building/structure				
Z	Level 3:				
8	☐ Construction of new building/structure ☐ Site design, parking, plants	azas, landscape			
DOWNTOWN DESIGN	See required Downtown Design attachment for more details.				
O	☐ Brief description of work:				
HISTORIC ZONING	Level 1: Signs Routine repair of siding, windows, roof, or other features Level 2: Major repair, removal, or replacement of architectural elements or m Level 3: Construction of a new primary building Level 4:				
OR.	Relocation of a contributing structure Demolition of a contribu	ting structure			
HST	See required Historic Zoning attachment for more details.	ting structure			
-	Brief description of work:				
INFILL HOUSING	Level 1: Driveways, parking pads, access point, garages or similar facilities Level 2: Additions visible from the primary street Changes to porches visible level 3: New primary structure Site built Modular Multi-Sectional See required Infill Housing attachment for more details. Brief description of work:				
	ATTACHMENTS	FEE 1:	TOTAL:		
ΙI	☐ Downtown Design Checklist	250.00	350.00		
Ó	☐ Historic Zoning Design Checklist	FEE 2:	250.00		
STAFF USE ONLY	☐ Infill Housing Design Checklist	177.71			
+	ADDITIONAL REQUIREMENTS				
STA	☐ Property Owners / Option Holders	FEE 3:			
	Level 1: \$50 • Level 2: \$100 • Level 3: \$250 • Level 4: \$500				
0.00					



FOR BN GROUP LLC

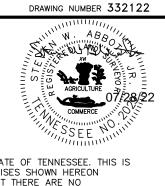
SCALE 1" = 20' ADDRESS 3335 Johnston Street CITY KNOXVILLE STATE TN ZIP 37912 DISTRICT 5th COUNTY KNOX LOT NO.14R1-3 RESUB. BELLOCK AND SCHMIDT PROP. S/D

WARD 19th CITY BLOCK 19321 DRAWN BY SWA MAP CAB. 202202230065497

GROUP C PARCEL 042.01 TAX MAP 081H WARRANTY DEED BK. 202109290026155 MORTGAGE CO.

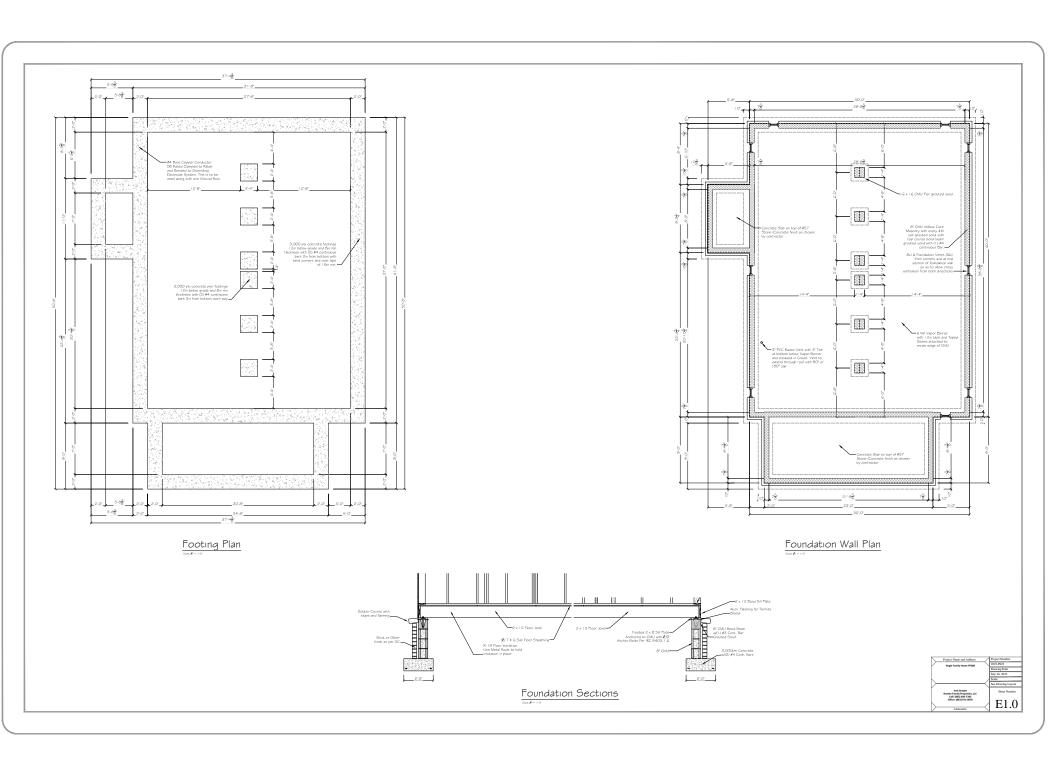
TITLE CO.

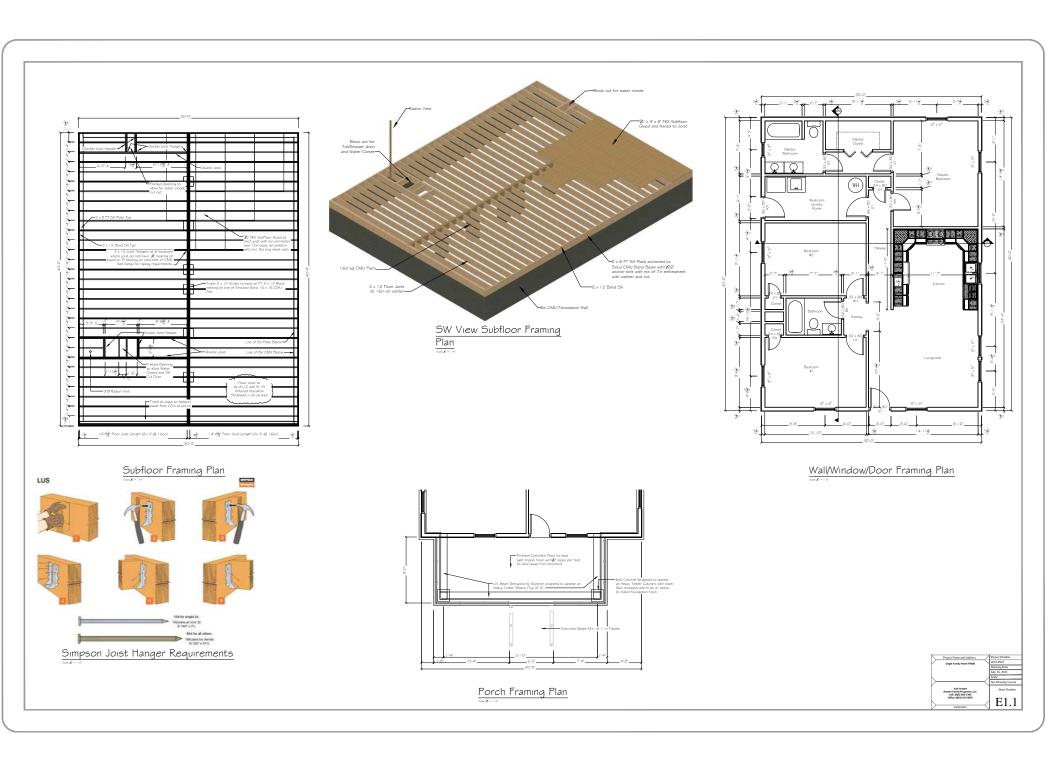
ABBOTT LAND SURVEYING LLC STEVEN W. ABBOTT JR, RLS 1109 E. WOODSHIRE DRIVE KNOXVILLE, TN 37922 OFFICE: (865) 671-1149 EMAIL: survmap@tds.net

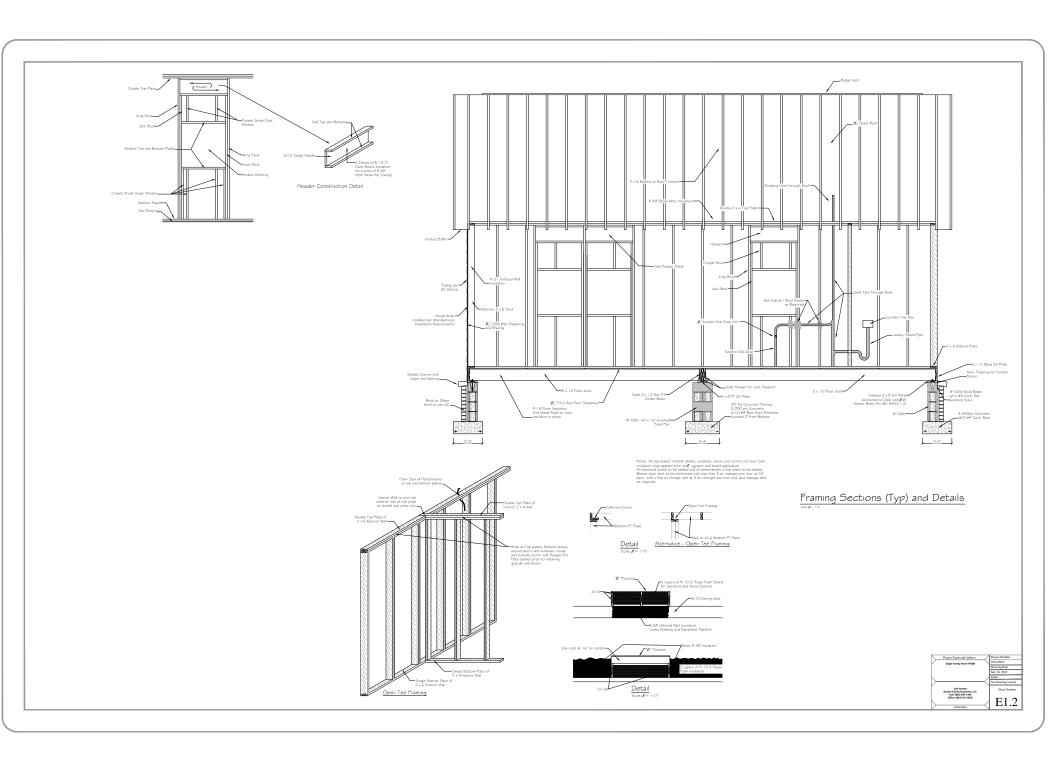


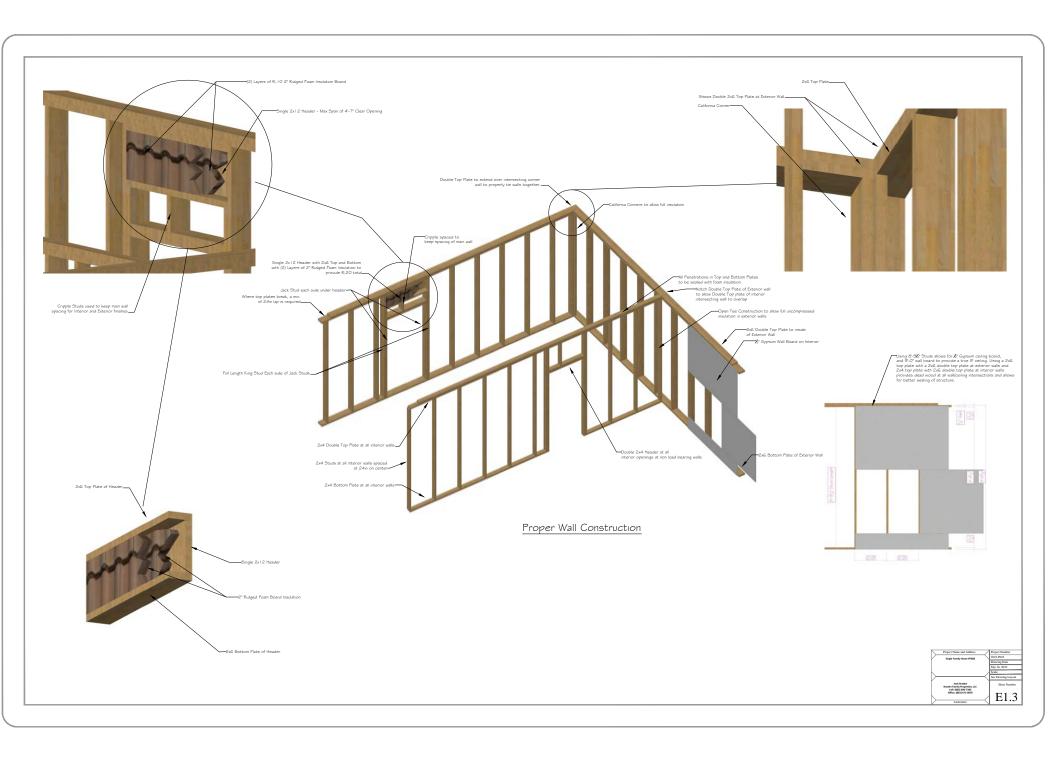
THIS IS TO CERTIFY THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR THE STATE OF TENNESSEE. THIS IS TO CERTIFY THAT ON THE DATE SHOWN, I MADE AN ACCURATE SURVEY OF THE PREMISES SHOWN HEREON USING THE LATEST RECORDED DEED AND OTHER INFORMATION FURNISHED TO ME, THAT THERE ARE NO EASEMENTS, ENCROACHMENTS OR PROJECTIONS EVIDENT OTHER THAN THOSE SHOWN. THE SURVEY WAS DONE UNDER THE AUTHORITY OF TCA 62-18-126: AND THE SURVEY IS NOT A GENERAL PROPERTY SURVEY AS DEFINED UNDER RULE 0820-3-07. THIS IS TO CERTIFY THAT I HAVE EXAMINED THE FEDERAL INSURANCE ADMINISTRATION FLOOD HAZARD MAP AND FOUND THE DESCRIBED NOT TO BE LOCATED IN A SPECIAL FLOOD HAZARD AREA

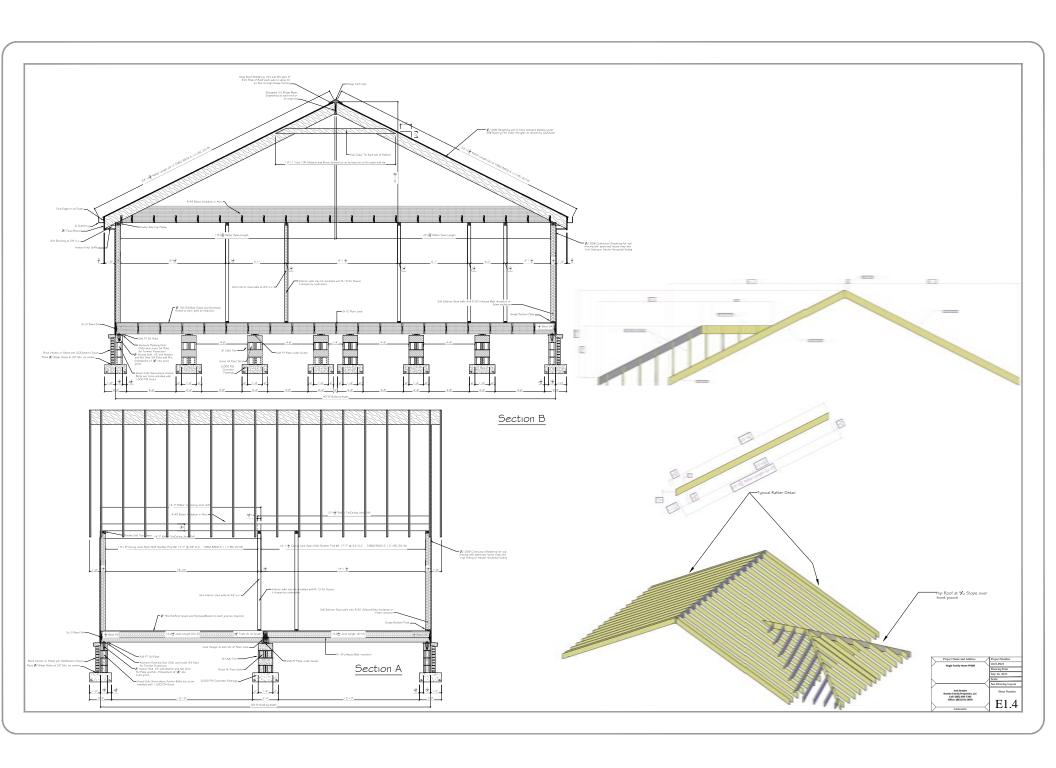


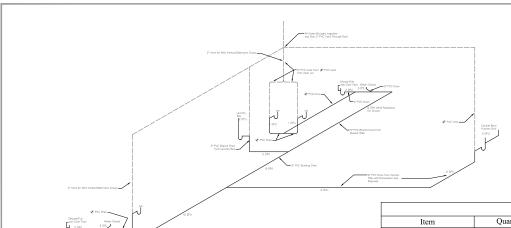




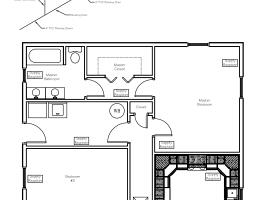








Plumbing DWV Plan



Mechanical Plan		
	Mechanical	Plar

			Material Li	st		
Item	Quantity	Pieces	Use	Area		
#4 Rebar	600 LF	30 @ 20ft	Footing and Piers	Foundation		
8" CMU	588 LF	450	Walls and Piers	Foundation		
8" CMU Bond Beam	196 LF	150	Walls and Piers	Foundation		
2 x 8 PT Sill Plate	164 LF	17 @ 10ft	Floor Sill Plate	Floor		
2 x 12 PL Band Sill	260 LF	26 @ 10ft	Band Sill & Girder	Floor		
2 x 12 Floor Joist	1,152 LF	70 @ 16ft	Floor Joist	Floor		
3/4" T&G Subfloor 4 x 8	1,200 SF	38 @ 4 x 8	Sub Floor	Floor		
2 x 6 x 9ft Studs	1,215 LF	135 @ 9ft	Exterior Studs & Headers	Ext Walls		
2 x 12 x 10ft	40 LF	4 @ 10ft	Exterior Wall Headers	Ext Walls		
2 x 4 9ft	1,116 LF	124 @ 9ft	Interior Walls and Headers	Int Walls		
2 x 6 x 12ft	420 LF	35 @ 12ft	Exterior Bot & Top Plates	Ext Walls		
2 x 4 12ft	510 LF	43 @ 12ft	Int Bot & Top Plates	Int Walls		
7/16" x 4 x 8 Sheathing	2,140 SF	67 @ 4 x 8	Wall Sheathing	Ext Walls		
2 x 8 x 16ft	544 LF	34 @ 16ft	Ceiling Joist	Ceiling		
2 x 8 x 18ft	90 LF	5 @ 18ft	Ceiling Joist	Ceiling		
2 x 8 x 14ft	70 LF	5 @ 14ft	Ceiling Joist	Ceiling		
2 x 12 x 24ft	864 LF	36 @ 24ft	Rafters Living	Roof		
2 x 12 x 14ft	266 LF	19 @ 14ft	Rafters Porch	Roof		
2 x 6 x 10ft	260 LF	26 @ 10ft	Rafter Collar Tie	Roof		
7/16" x 4 x 8 Sheathing	2,688 SF	84 @ 4 x 8	Roof Sheathing	Roof		
5/16" x 81/4" x 12ft Hardie	2,800 SF	350 @ 8 x 12ft	Hardie Siding Board	Ext Walls		
36 x 60 Window	-	7 @ 3 ⁰ x 5 ⁰	Window	Ext Walls		
24 x 36 Window	-	1 @ 2 ⁰ x 5 ⁰	Window	Ext Walls		
48 x 12 Window	-	1 @ 4 ⁰ x 1 ⁰	Window	Ext Walls		
36 x 80 Ext Door RH	-	1 @ 3 ⁰ x 6 ⁸	Exterior Door	Ext Walls		
36 x 80 Ext Door LH	-	1 @ 3 ⁰ x 6 ⁸	Exterior Door	Ext Walls		
24 x 80 Int Door RH	-	2 @ 2 ⁰ _x 6 ⁸	Interior Door	Interior Walls		
24 x 80 Int Door LH	-	1 @ 2 ⁰ x 6 ⁸	Interior Door	Interior Walls		
32 x 80 Int Door RH	-	4 @ 2 ⁶ x 6 ⁸	Interior Door	Interior Walls		
32 x 80 Int Door LH	-	2 @ 2 ⁶ x 6 ⁸	Interior Door	Interior Walls		
48 x 80 Int Bi-Fold Door	-	1 @ 4 ⁰ x 6 ⁸	Interior Door	Interior Walls		

$\overline{}$	Project Name and Address	Project Number
\vee	Single Family Home FP008	2022-0023
		Drawing Date
		July 26, 2022
		Scale:
⊳		See Drawing Layou
ľ	Josh Brades Brades Family Properties, LLC Celt: (950) 696-7343	Sheet Numbe
	Office: (865) 471-0070	F1.5

