



## Residential New Building Permit Plan Review Comments

**Application:** PB25-16933

**Date Submitted:** 12/10/2025

**Status:** Plan Review

**Date Issued:**

**Address:** 1728 S MAIN ST

**Parcel:** 1640022

**Zoning:** UR

**Subdivision:**

**Lot/Block:** 58R/10

**Description of Work:** 20 of 20 INDIVIDUALLY PLATTED SINGLE FAMILY TOWNHOME WITH FOUNDATION, FRAMIN, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE WORK WITH FULL INTERIOR FINISH OUT.

**ADA TDLR:**

**Energy Code Compliant:**

**Applicant:** Jason Ray Eggenburger

**Owner:** FORT WORTH AREA HABITAT FOR HUMANITY INC

901 S Main Street

9333 N NORMANDALE ST

Fort Worth, TX 76104

FORT WORTH,, TX 76116

8172287938

**Building Classification:**

Occ Class	Const Type	Square Feet	Occ Load	Use Description
R-3	VB	1297		Living Space
U	VB	427		Garage/Porch

**Sprinkler Sys Req:**

**Comment:** Signs, Retaining Walls over 4', Fences, Dumpster Enclosures over 6', and Parkway Approaches and Sidewalks require separate permits and reviews.

**Required Corrections:**

**PARD**

**Reviewer:** Germaine Joseph

**Email:** Germaine.Joseph@fortworthtexas.gov

**Phone:**

1. PARD-PDP fees not required. Development meets the requirements for fees not to be required due to housing type (affordable). Evidence provided by Habitat for Humanity (FP-24-079). ~LLG

**Approval Table:**

Task Name	Task Status	Completed Date	Task Rev Name
Application Submittal	Routed for Electronic Review	12/10/2025	Tina Green
Water Development Review			

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## Residential New Building Permit Plan Review Comments

NEZ Certification Review	Certified	12/10/2025	Tina Green
Transportation Impact Review			
Urban Forestry Review			
Zoning Review			
PARD Review	Approved	12/10/2025	Germaine Joseph
Building Plan Review	Approved	12/10/2025	Gustavo Ramirez
Mechanical Plan Review	Approved	12/10/2025	Gustavo Ramirez
Plumbing Plan Review	Approved	12/10/2025	Gustavo Ramirez
Electrical Plan Review	Approved	12/10/2025	Gustavo Ramirez
NEZ Design Guidelines Review			

### General Comments and Additional Permit Information:

**Reviewer: Gustavo Ramirez**  
**Email: [Gustavo.Ramirez@fortworthtexas.gov](mailto:Gustavo.Ramirez@fortworthtexas.gov)**  
**Phone:**

1 \*\*\*\*\* Residential Code Review Comments \*\*\*\*\*  
City Plans Examiner: Gustavo Ramirez  
Phone # (817) 392- 7849  
[@fortworthtexas.gov](mailto:@fortworthtexas.gov)  
Date 12/10/2025  
Development Services  
Residential Review Notes  
IRC 2021 / CFW ORD. # 25383

Permit #: PB25-16933  
Address: 1728 S MAIN ST  
Applicant: Jason Eggenburger

Construction type: VB  
Lot SF: 1,715  
Home SF: 1,088  
Occupancy & Use: R-3 – 1,297; U -427

Scope of Work: New Single Family Residential

Professional engineer certified foundation plans: Russell J. Whitworth PE# 82117  
Professional engineer who certified structural plans: Russell J. Whitworth PE# 82117  
Braced wall plans: Russell J. Whitworth PE# 82117

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## Residential New Building Permit Plan Review Comments

### WINDOWS

Max U-factor is 0.35

Max SHGC is 0.25

### DOORS – U-factor

Uninsulated metal: 1.2

Insulated metal: 0.6

Wood: 0.5

Insulated, nonmetal edge, Max 45% glazing, any glazing double pane 0.35

### INSULATION

R-13+5h or 20 insulation in exterior walls

R-38 insulation in the attic

R-19 insulation in the floor

\*\* General Notes \*\*

NOTE: The general notes listed below are an abbreviated version of the actual notes in the 2021 IRC and CFW Amendment. The builder is responsible for compliance with the full applicable IRC section and/or CFW Amendment.

This Plan is void without City Plan Review Notes.

1. See attached examiner's notes and City handouts as applicable to this permit.
2. See attached site and construction plans as applicable to permit.
3. All work shall conform to City of Fort Worth building code, energy code and zoning requirements.
4. SEPARATE PERMITS ARE REQUIRED for Electrical, Mechanical and Plumbing work.
5. R302.6 Dwelling/garage fire separation.

### SEPARATION MATERIAL

From the residence and attics: Not less than 1/2-inch gypsum board or equivalent applied to the garage side

From all habitable rooms above the garage: Not less than 5/8-inch Type X gypsum board or equivalent

### 6. R302.11 Fireblocking.

In combustible construction, fireblocking shall be provided to cut off all concealed draft openings (both vertical and horizontal) and to form an effective fire barrier between stories, and between a top story and the roof space.

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7. BATHROOMS – R303.3 Bathrooms, water closet compartments and other similar rooms shall be provided with aggregate glazing area in windows of not less than 3 square feet, one-half of which must be openable. Artificial light and mechanical ventilation may be provided.

8. EMERGENCY ESCAPE – R310 – basements, habitable attics and each sleeping room shall have at least one operable emergency and rescue opening.

R310.2.1 – All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 sq.ft. Openings on grade shall be a minimum of 5 sq.ft. net clear opening.

R310.2.1 – Minimum opening height is 24"

R310.2.1 – Minimum opening width is 20"

R310.1.1 – Emergency escape and rescue openings shall be operational from the inside of the room without the use of keys, tools or special knowledge.

9. MEANS OF EGRESS – R311

R311.6 – Minimum hallway width shall not be less than 36"

R311.2 – Each dwelling unit shall have not less than one exit door

10. SECTION R315 CARBON MONOXIDE ALARMS

R315.2.1 Carbon monoxide alarms and R315.3 Location. For new construction, an approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms in dwelling units within which fuel-fired appliances are installed and in dwelling units that have attached garages.

11. WATER HEATERS: M2005.2 – Fuel fired water heaters shall not be installed in a room used as a storage closet.

12. CLOTHES DRYER EXHAUST: 2021 IRC M1502 – Dryer exhaust systems shall be independent of all other systems, and shall terminate on the outside of the building. Exhaust ducts shall be equipped with a backdraft damper.

13. M1502.4.5.1 SPECIFIED LENGTH – The maximum length of a clothes dryer exhaust duct shall not exceed 35 feet from the connection to the transition duct from the dryer to the outlet terminal.- The maximum length of the duct shall be reduced 2.5 feet for every 45 degree bend and 5 feet for each 90 degree bend.

1 & 2 FAMILY ELECTRICAL

14. RECEPTACLE OUTLETS – Receptacles shall be installed so that no point measured horizontally along the floor line in any wall space is more than 6 feet from a receptacle outlet (E3901.2.1).

15. COUNTERTOP RECEPTACLES - E3901.4.1 Wall countertop space. A receptacle

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outlet shall be installed at each wall countertop space 12 inches (305 mm) or wider. Receptacle outlets shall be installed so that no point along the wall line is more than 24 inches (610 mm), measured horizontally from a receptacle outlet in that space.

16. E3901.4.2 Island countertop spaces. At least one receptacle outlet shall be installed at each island countertop space.

17. E3901.4.3 Peninsular countertop space. At least one receptacle outlet shall be installed at each peninsular countertop.

18. E3901.4.4 Separate spaces. Countertop spaces separated by range tops, refrigerators, or sinks shall be considered as separate countertop spaces

19. GFI CIRCUITS –2020 NEC 210.8 Ground Fault Interrupter Circuits shall be installed in dwelling units in the following locations:

210.8 (A)(1) - Bathrooms

210.8 (A)(2) - Garages and accessory buildings that have a floor at or below grade level

210.8 (A)(3) - Outdoor receptacles

210.8 (A)(6) - Kitchens where receptacles are installed to serve the countertop surfaces

210.8 (A)(7) - Laundry, utility and wet bar sink – where the receptacles are installed within 6 ft. of the outside edge of the sink

20. 210.52 (G) At least one receptacle outlet, in addition to those for specific equipment, shall be installed in each basement, in each attached garage, and in each detached garage with electric power.

21. Arc-Fault Circuit Interrupter Protection 2020 NEC 210.12(A)

All 120 volt, single phase, 15 and 20 ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways or similar rooms or areas shall be protected by a listed arc-fault circuit interrupter, combination type, installed to provide protection of the branch circuit.

22. Heating, Air-Conditioning and Refrigeration Equipment Outlet – 2020 NEC 210.63

A 125-volt, single-phase, 15 or 20 ampere rated receptacle outlet shall be installed at an accessible location for the servicing of heating, air-conditioning and refrigeration equipment. The receptacle shall be located on the same level and within 25 feet of the heating, air-conditioning and refrigeration equipment.+

23. Luminaries in Clothes Closet: Luminary Types and location must comply with 2020 NEC 410.16

24. Electricity will not be released until Transportation & Public Works (TPW) has approved sidewalk and drive approach inspections

25. SUBJECT TO INSPECTORS APPROVAL

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**Reviewer: Tina Green**  
**Email: Tina.Green@fortworthtexas.gov**  
**Phone: 817-392-2222**

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NEZ fees waived as long as property is not sold, once property is sold the NEZ benefits do not apply.

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The City of Fort Worth \* 100 Fort Worth Trail \* Fort Worth, TX, 76102  
817-392-2222 \* Fax 817-392-8105