



Dillsboro, Indiana

13030 Executive Drive PO box 127 Dillsboro, IN 47018
(812) 432-9002 www.dillsboro.in

August 13, 2025

Request for Bids – Emergency Services Garage Electric Work

Project Owner: Town of Dillsboro, Indiana

Project Title: Concrete Work for 40' x 40' Emergency Services Garage

Location: 10107 Western Row, Dillsboro, IN, 47018

Project Type: Indiana Public Works Project

PROJECT OVERVIEW

Draft Electrical Specifications – Emergency Storage Garage

1. Service & Subpanel

- Provide and install 1 subpanel, 100A, 240V single-phase, 20–24 circuit capacity, NEMA 1.
- Feed from existing main panel (Type CC Cat. No. CC2200, 200A, 240V AC, 2-pole) with appropriately sized feeder breaker and copper conductors sized per NEC Table 310.16 for 100A load. Copper: #3 AWG THWN-2 for hots and neutral, #8 AWG for ground.
- Feeder to be installed in 1-1/2" PVC Schedule 40 underground conduit, 18-24" underground run from main building or EMT/RMC (if above-ground interior/exterior), per code. Proper LB Conduit Bodies should be used when entering / existing structures. Two sweeping 90s are anticipated to be required.
- Subpanel to have isolated neutral and bonded ground.

2. Branch Circuits

- **Garage Door Openers**
 - 4 dedicated 20A, 120V circuits (one per opener, or two openers per circuit if load allows per manufacturer).
 - Ceiling-mounted outlets for openers with in-sight disconnect (per NEC 430).
- **Vehicle Plug-in Receptacles**
 - 3 dedicated 20A, 120V GFCI-protected circuits, one per vehicle bay, with duplex receptacles mounted at 48" above finished floor (AFF).
 - Rated for continuous load if plugging in block heaters or trickle chargers.



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- **General Receptacles**

- 13 receptacles as shown on floor plan along walls.
- All 120V receptacles to be tamper-resistant, GFCI-protected, weather-resistant where applicable.

- **Lighting & Ceiling Fans**

- Interior lighting: 14 LED high-bay fixtures, as shown on floor plan, providing ≥ 30 foot-candles average. Fixtures switched in zones. Multi-way switching at each of the 3 access doors.
- Ceiling fans to be independent 15A, 120V circuit with wall control. Multi-way switching at each of the 3 access doors.
- Exterior lighting: LED wall packs above garage doors (2) and man doors (2), photocell-controlled.

- **Gas Heater**

- Dedicated 15A, 120V circuit for fan/blower and control system.
- Receptacle or hardwired connection per manufacturer's instructions.

3. Load Estimate

Approximate running loads (rounded):

Load Item	Qty	Amps ea	Total Amps
Garage door openers	4	5	20
Truck plug-in receptacles	3	12 cont.	36
General receptacles (diverse)	13	—	10
Lighting	18	—	8
Ceiling fans	3	—	2
Gas heater (fan/control)	1	5	5
Estimated Total			~81A

4. Wiring & Devices

- Conductors: Copper THHN/THWN in conduit, or NM-B cable where permitted indoors.



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- Conduit: EMT in exposed interior runs; PVC Schedule 40 underground.
- Device boxes: 4" square steel with appropriate covers for receptacles and switches.
- Color code: Black/Red – hot legs; White – neutral; Green/Bare – ground.

5. Grounding & Bonding

- Bond all metallic parts per NEC Article 250.
- Install ground rod at garage and fed with 4-wire feeder (hot/hot/neutral/ground).
- Connect to existing building grounding electrode system if same structure.

6. Code & Standards

- All work to comply with latest NEC, local amendments, and utility requirements.
- GFCI/AFCI protection as required by NEC 210.8 & 210.12.
- Label all new breakers in both main panel and subpanel.

6. CONTRACT TERMS

A. Minimum Insurance Requirements

Contractor must submit a certificate of insurance listing the Town of Dillsboro as an additional insured. Required minimum coverages:

<u>Coverage</u>	<u>Minimum Limit</u>
General Liability	\$1,000,000 per occurrence / \$2,000,000 aggregate
Automobile Liability	\$1,000,000 combined single limit
Workers' Compensation	Statutory (Indiana)
Employer's Liability	\$500,000 per occurrence
Umbrella/Excess Liability	\$1,000,000 (recommended)

B. Contract Terms

- The Town may award the contract to the lowest most responsive and responsible bidder.
- Retainage (5%) and lien waivers will be used in lieu of performance and payment bonds.



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- Final payment will not be made until the Town has inspected and accepted the work.

D. Schedule

- Work shall be scheduled to coordinate with the building and concrete contractor to avoid unnecessary delays. The building shell is contractually required to be completed by October 31st, 2025, concrete work is to be completed by November 26th, 2025. Electric work identified in this scope of work is to be completed by Monday, December 15th, 2025.
- Contractor shall notify the Town promptly of any delays or scheduling issues.

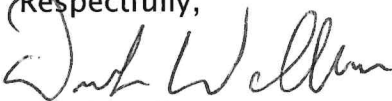
Upon acceptance of a quote, execution of contract, and providing required documents, the Town will issue a notice to proceed. The contractor quote should be held for 14 days.

7. SUBMISSION OF BIDS

All bidders must submit the following at time of bid:

1. Indiana Form 96 (Revised) – Contractor's Bid for Public Works
2. Non-Collusion Affidavit – Part of Form 96
3. E-Verify Affidavit – Affirming participation in the federal E-Verify program
4. Itemized Quote – Itemized quote to include unit prices for items identified in these specifications and proposed timeline for completion

Bids must be submitted by 12:00 PM, Monday, September 8th to be considered. Submitted quotes will be read aloud at the September 8th Council meeting at which time a decision is anticipated to be made. Bids may be submitted in person or via mail to 13030 Executive Drive, Dillsboro, IN, 47018. Questions regarding the project or specifications should be directed to 812-432-9002.

Respectfully,

Derek Walker
Town Manager



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Appendix A – Site Photos & Site Plan

In alley, looking north west at proposed building site





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In alley, looking south west at proposed building site





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In alley, looking west at proposed site





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On Western Row, looking northeast at proposed site





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On Western Row, looking east at proposed site





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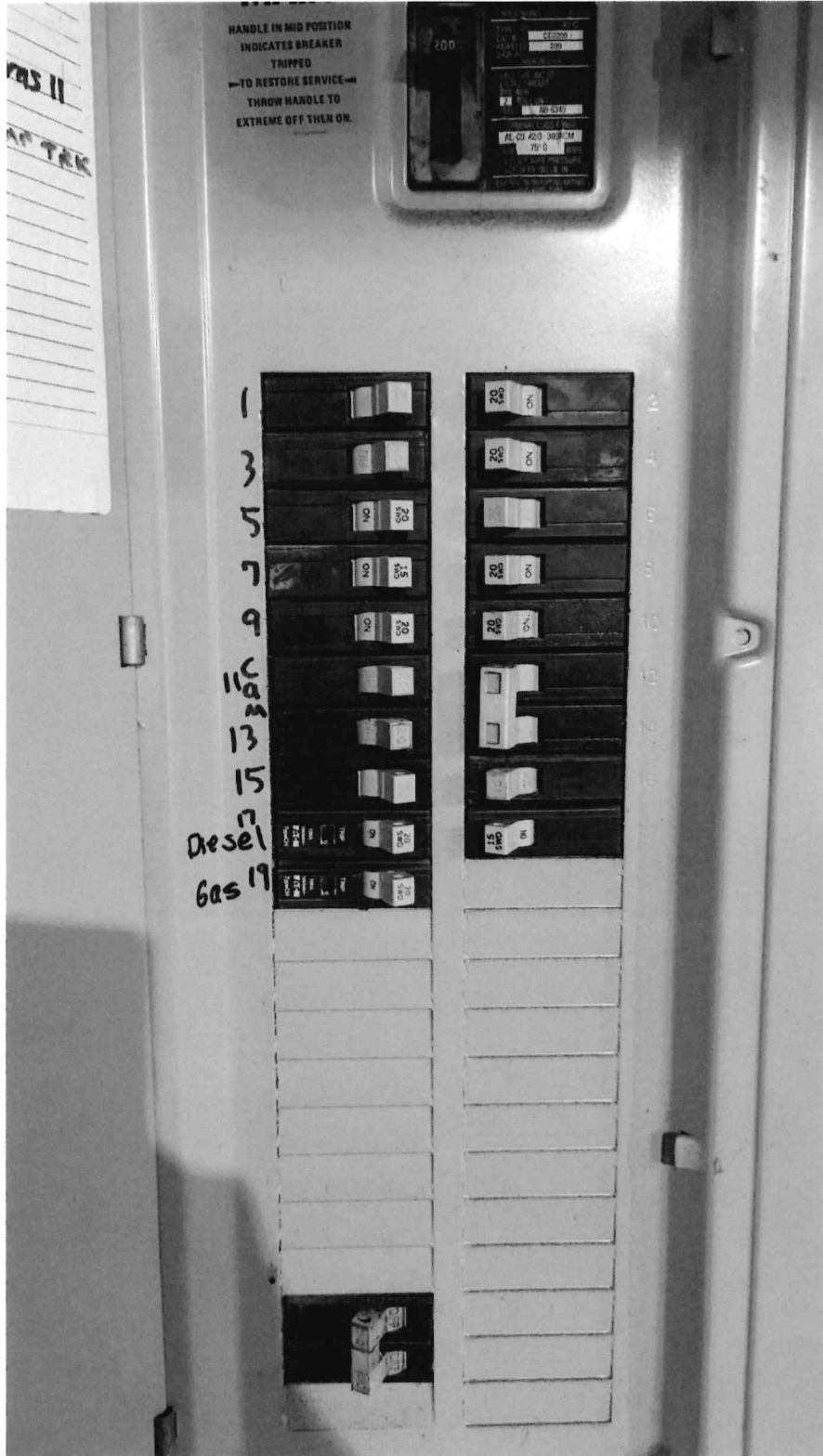
Main 200 A Electric Panel (Cutler-Hammer) in adjacent garage





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Backside of main panel, where wiring to proposed subpanel will exit



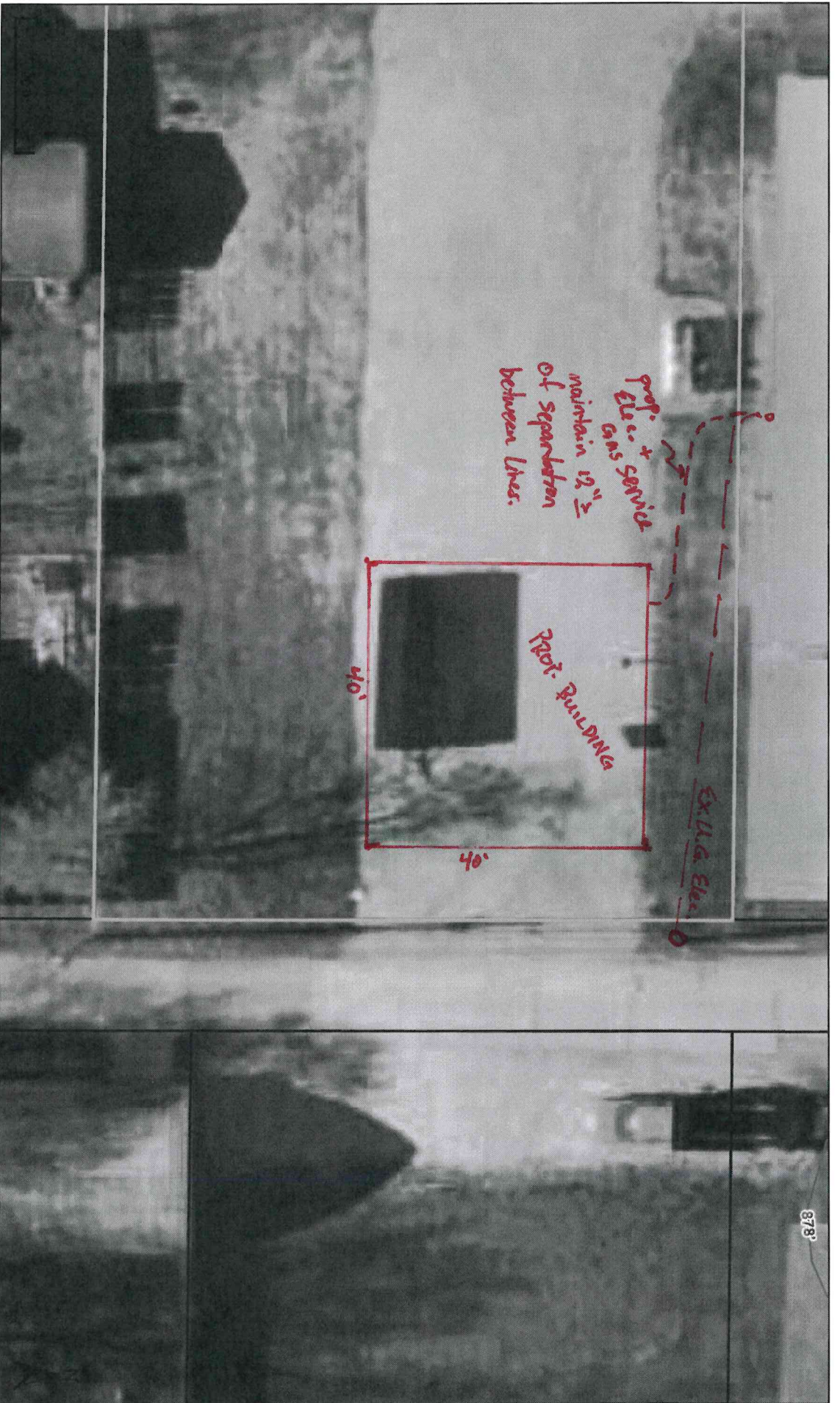


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Looking at corner where subpanel wiring will run, on top of proposed building footprint.



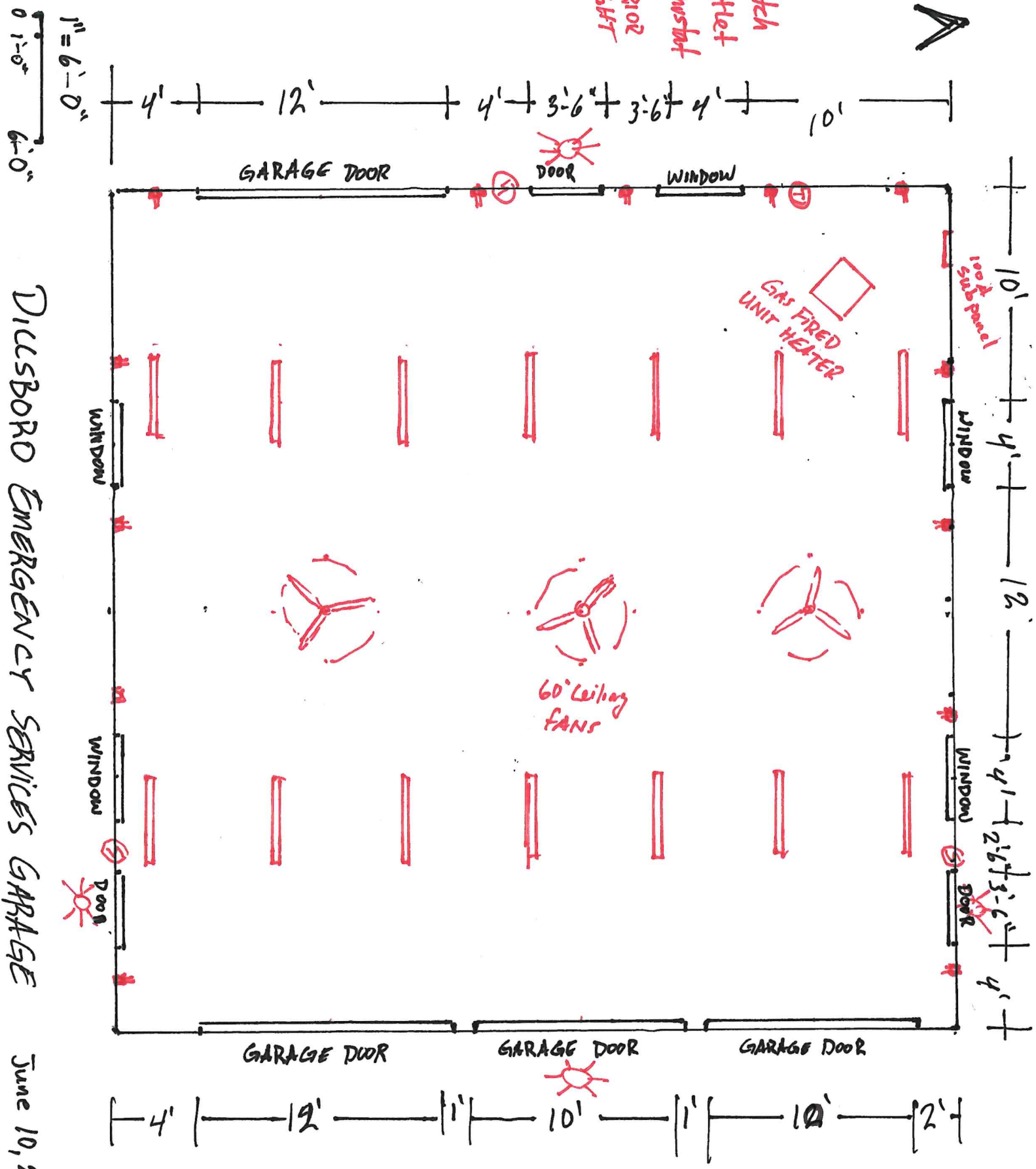


Parcel ID	15-10-11-404-034.000-005	Tax ID	005-000041-00
Sec/Twp/Rng	0011-0005-3	Class	EXEMPT PROPERTY OWNED BY A MUNICIPALITY
Property Address	10083 Western Row	Acres	0.35
Dillsboro			
District	Dillsboro		
Brief Tax Description			
	01-117 PT 11-5-3.25A		
	PT SE 11-5-3.10A		
	(Note: Not to be used on legal documents)		

Owner Address Civil Town of Dillsboro
13030 Executive Dr
PO Box 430
Dillsboro, IN 47018

NA

- ③ switch
- ⊕ Outlet
- Ⓣ Thermostat
- ⊗ Exterior LIGHT



DISBORO EMERGENCY SERVICES GARAGE June 10, 2025