2026 Wing Project Narrative

About Wing

Wing, an Alphabet company, is the global leader in residential drone delivery. Our lightweight, highly automated drones can transport small packages from businesses to homes in just minutes, making it easy for communities to access everyday essentials while providing partners a safe, scalable, and seamlessly integrated platform for on-demand, last-mile delivery.

In February 2024, Wing debuted its partnership with DoorDash in Christiansburg, Virginia. Since then, Wing has expanded to four additional "nests" (drone hubs) across Dallas and Charlotte. This collaboration introduces a faster, more efficient, and sustainable approach to food delivery. Customers near a hub can select items from local and national restaurants and opt for drone delivery. Wing and DoorDash are rapidly scaling this service to cities across the country; residents can check their eligibility by entering their address at wing.com/doordash.

How Wing drone delivery works

- **Order.** Customers will order through the DoorDash Delivery app. During checkout, customers confirm a delivery location on their property for the drone.
- **Flight Planning.** While the customer's order is being prepared, Wing uses intelligent flight planning to create a route from the Nest to the customer's designated delivery spot and back to the Nest. The flight plan is then uploaded to the drone.
- **Remote Pick Up.** Once the customer's order is ready for delivery, the assigned DoorDash runner will give the order to the Wing ground support operator at the Nest. The drone then uses a winch to lower a tether and the winch pulls the package up to the aircraft before securing it in place.
- **Flight.** The drone uses vertical propellers to climb to a cruising height of about 150 feet and then transitions to horizontal flight using forward propellers and fixed wings. The drone navigates itself to the delivery spot at speeds of about 60 mph.
- **Delivery.** Once it reaches the delivery spot, the drone slows down, hovers, descends to a delivery height of 23 feet. It then gently lowers the package on the tether and automatically releases the package when it touches the ground. There's no need for the customer to unclip or assist with the delivery.
- **Return.** The drone then climbs back to cruise height and returns to the Nest, where it lands on a charging pad and gets ready for its next mission.

2026 Wing Project Narrative

Wingspan
4.9 ft / 1.5 m

Aircraft Weight
11.7 lbs / 5.3 kg

Payload
2.3 lbs / 1.05 kg

Cruises
65 mph / 104 kph

Delivery Range (one-way)
6 miles / 10 km

FAA Regulation

Wing's drone delivery operations in the United States are authorized under an FAA Part 135 Air Carrier Certificate, **which is an existing regulation for commercial cargo and passenger deliveries.** This certification allows Wing to operate beyond visual line of sight (BVLOS), and is a key factor in our ability to conduct commercial drone delivery services for consumers. Wing was the first U.S. company to receive this type of drone certification.

Nest Fencing

Purpose: Security, Efficiency, and Reliability

The Nest fencing style is selected specifically to work with aircraft vision requirements for take-off and landing. Keypad access control for the fence prevents unauthorized access and provides safety. Inside of the nest, Wing's drones utilize a geo-fiducial system (see image below) to support depth perception and geonavigation. The drones utilize the geo-fiducial system to identify their assigned charging pad before landing.

2026 Wing Project Narrative

As such, neither solid fencing, landscaping, nor screening walls are permitted around the Nest enclosure. This protocol is standard for all Nest locations to prevent navigational issues which helps maintain a safe environment inside and outside of the nest.

Fencing Details

- **Fencing Material:** WireWorks Plus by Ameristar (See appendix for Drawings)
- **Fencing Specifications:** 8’ H

2026 Wing Project Narrative

Storage Container

Storage Container specifications:

- Units 8 x 20 x 8 (LWH)
- Not an office space, only drone storage
- No ground boring required for install
- No power

Storage Shed (Kiosk)

Typically, the 20- ft. custom containers are the plan of record (POR) for storage at Wing's Nest locations. However, in cases where modified containers are not permitted by city ordinance, alternative Drone Pods may be used as a storage solution.

Each Wing Drone Pod is designed to safeguard our aircrafts, operating equipment, and essential support materials including PPE (Personal Protective Equipment), fire suppression gear, and spare parts. The drone pods remain anchored within the secured perimeter of each nest. Every Wing nest is equipped with one dedicated drone pod to ensure site operations remain organized and mission-ready.

2026 Wing Project Narrative

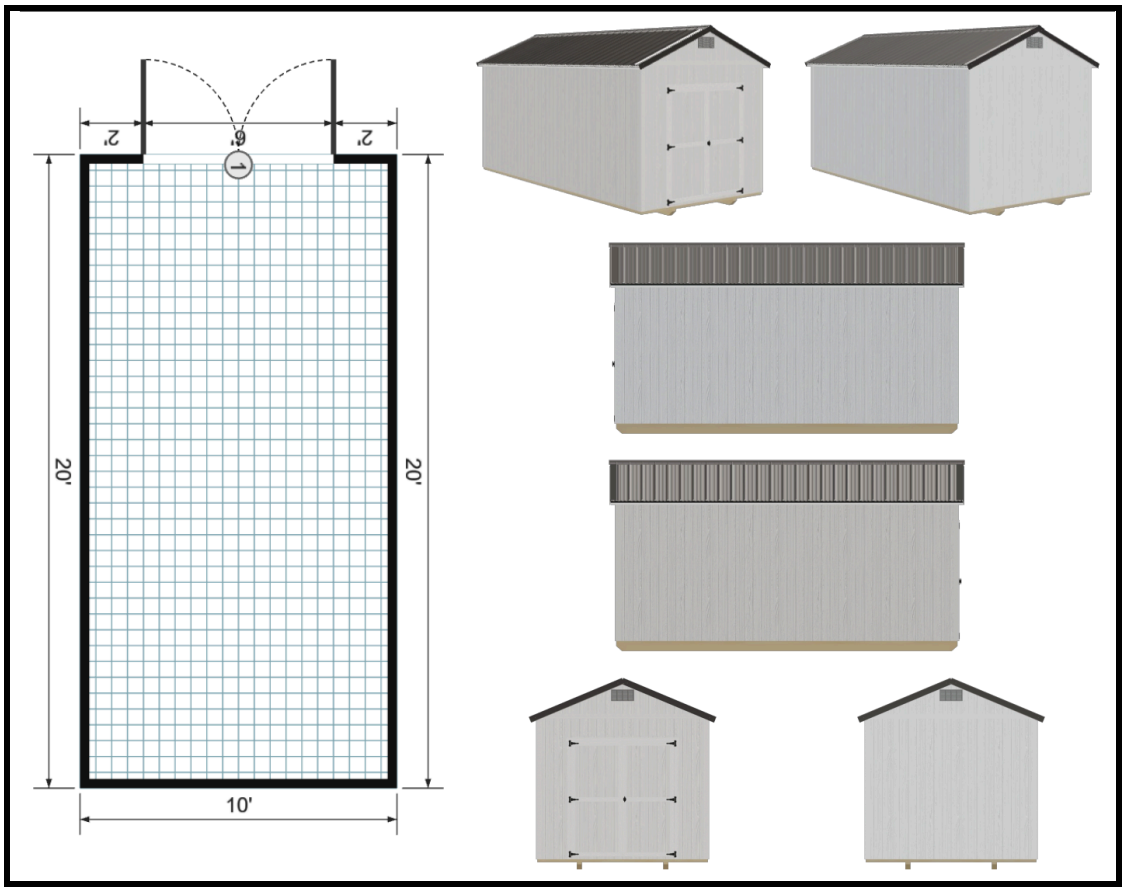
Storage Shed Construction Standards

- **Storage Shed Dimension:** 20 ft x 10 ft x 11 ft (LxWxH)

Wooden base construction:

- 4x6 treated skids
- 2x6 treated floor joists 16” on center
- ¾” flooring
- 2x4 wall studs 16” on center
- 5/12 roof pitch
- ⅜ smart panel siding
- 2x4 trusses 16” on center
- OSB roof decking
- Synthetic felt paper
- Metal drip edge
- All nails/seams caulked before painting
- Sherwin williams paint
- Wall and ridge vents
- Metal or shingle roof options
- Optional: paint colors for unit

2026 Wing Project Narrative



Storage Shed Single-side doors : 8 ft x 7 ft (WxH)

- Lockable double swing doors

The Storage Shed is not outfitted with power or anything permanent related, e.g. no plumbing. It's a static drop-in unit.

- 40-year metal or 30-year architectural shingles
- 150 year workmanship warranty

Storage Shed Access & Security

- **Doors**: Lockable double-swing doors, 8 ft (W) × 7 ft (H)
- **Static Placement**: No permanent power or utility connections; designed as a secure drop-in unit
- **Color Options**: Customizable paint colors available to match site aesthetics

2026 Wing Project Narrative

Nest Safety Equipment

Each Nest is equipped with safety equipment on site.

- First Aid Kit
- DIBBATU Fire Blankets
- 3A:40B:C Fire Extinguishers

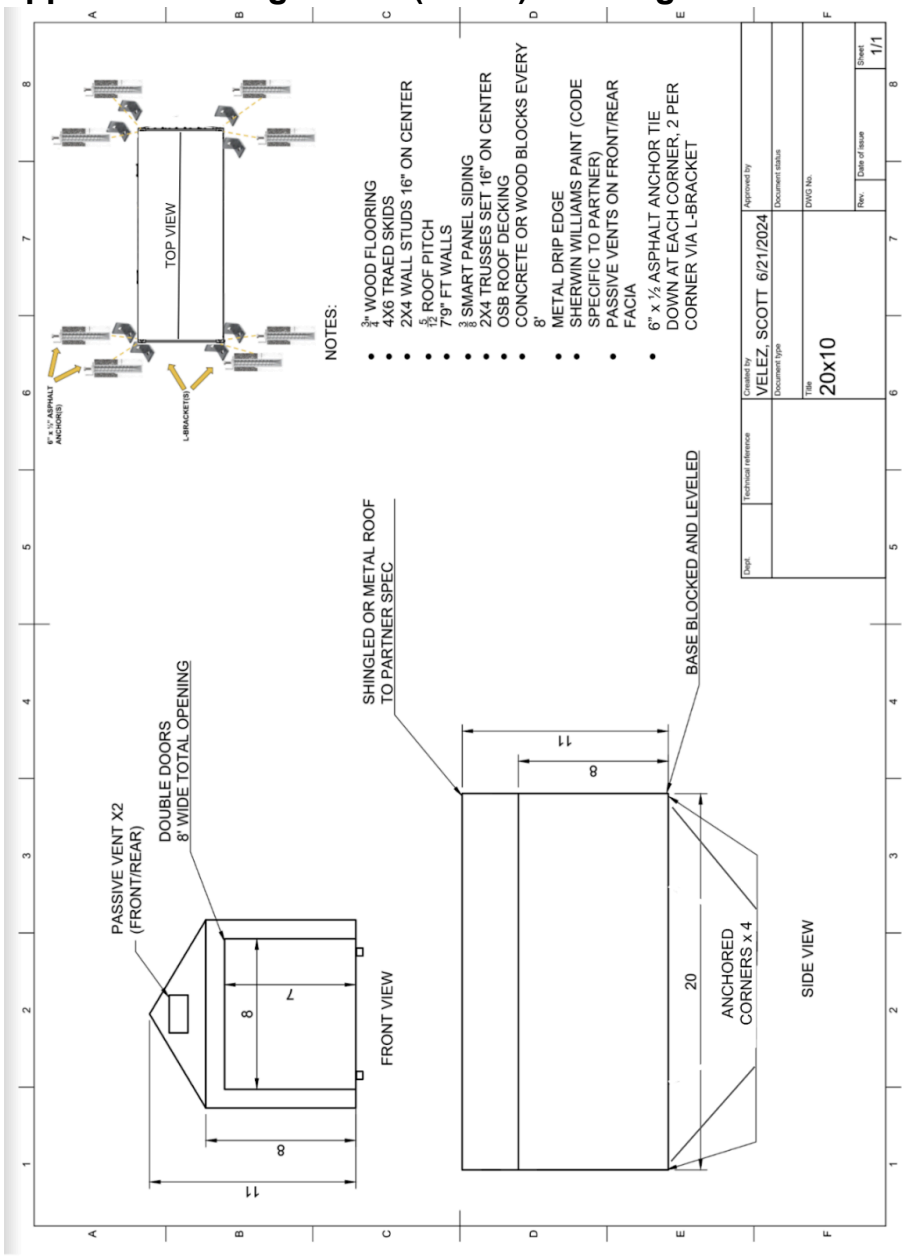
Nest Power Requirements

Battery-Powered Generator

During operational launch, Wing's nest locations utilize battery-powered generators. The generators are all-electric and are utilized to power equipment inside of the nest, including the charging pads for the drones. The battery generators have a life cycle of 15 days between charges. When a new battery generator is needed, Wing's external vendor will provide a fully charged replacement.

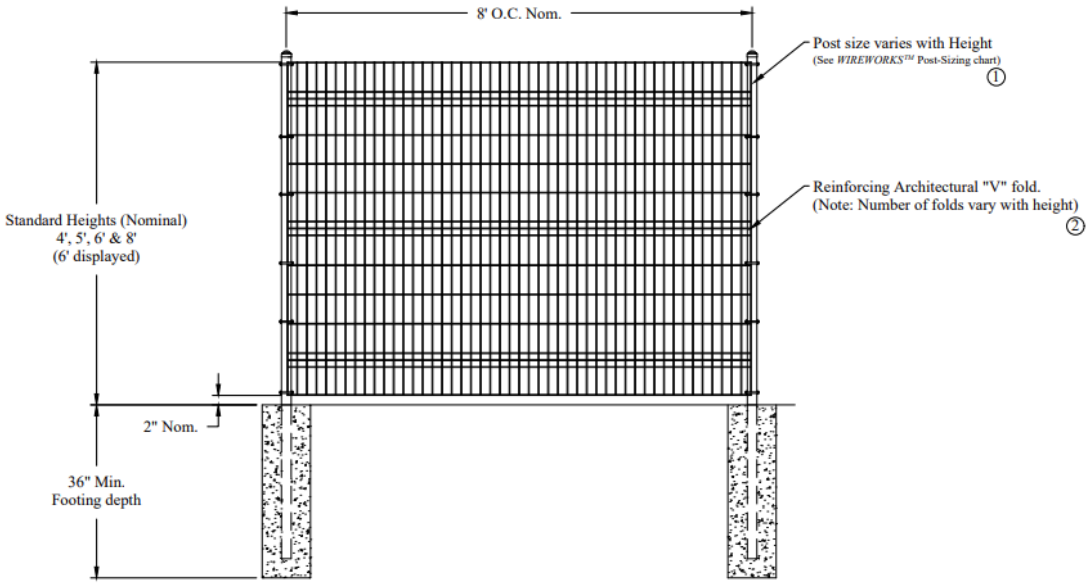
2026 Wing Project Narrative

Appendix: Storage Shed (Kiosk) Drawings



2026 Wing Project Narrative

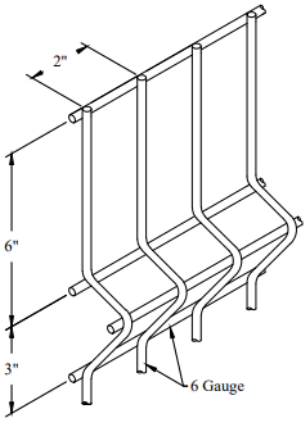
Appendix: Fence Drawings

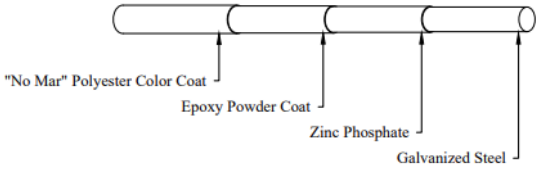


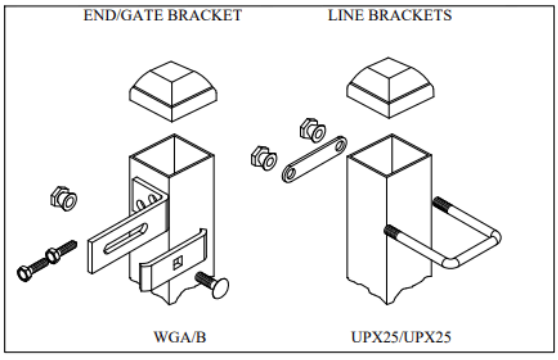
NOTES:

1.) Post size depends on fence height and wind loads.
See *WIREWORKS PLUS™* post sizing chart.

2.) Number of Architectural "V" folds varies with height.
4' height (2 folds), 5' height (2 folds), 6' height (3 folds), and 8' height (4 folds).







Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements.

WWP

Title: WIREWORKS PLUS PANEL		
DR: kmC	SH . 1of 1	SCALE: DO NOT SCALE
CK:	Date 05/30/2019	REV: b

AMERISTAR®

1555 N. Mingo
Tulsa, OK 74116
1-888-333-3422
www.ameristarfence.com

2026 Wing Project Narrative

Appendix: Battery Generator Specs