



EVESHAM TOWNSHIP FIRE DISTRICT NO. 1

Fire Prevention Division

P.O. Box 276 – 984 Tuckerton Road – Evesham, New Jersey 08053-0276 – 856-983-2210

RECEIVED

To: Ms. Jennifer Newton – Administrative Officer
From: Deputy Chief Scott Freedman, Fire Marshal
Date: March 11, 2026
Subject: P26-04 – 903 Route 73 South (Block 36, Lot 4.11)

MAR 11 2026

P26-04

Regarding the above matter, Evesham Fire-Rescue is requesting the following items:

1. Provide hydraulic calculations of the fire service water supply to the site. This is part of the evaluation process to determine if sufficient water supply exists to support construction and the needed fire flow to the structure.
2. As a condition of approval, a hydrant flush and AWWA flow test must be completed by the contractor and witnessed by this office prior to beginning construction of the building. Fire hydrants must deliver a minimum of 1,000 gallons per minute (gpm) at each hydrant.
3. Provide a fire apparatus site circulation plan showing turning radius of the fire access roads. The attached truck turning template should be used to ensure compliance of the site with our fire apparatus.
4. Fire Department Connection (FDC), if required by the Construction Code, is to be located near the main entrance (front door of the building) to the building and within fifty (50) feet of a fire hydrant. The FDC will be a 2 ½" threaded Siamese.
5. As a condition of approval and as indicated in IFC Section 503.2.3, a paved/scratch coat of asphalt shall be provided capable of handling a weight of 75,500 pounds prior to construction beginning. All fire hydrants must be installed, tested and certified before construction of the building is to begin.
6. The remote annunciator for the fire alarm is to be located at the main lobby. If possible, we request that the main panel be located in the sprinkler riser room.
7. A Knox Box entry system will be required to be installed at the main lobby entrance. It should be of sufficient size to hold the master keys to all areas of the building, an elevator key, and the keys for the alarm panel and pull station. Model type can be specified by the AHJ further along in the construction process.
8. Floor and/or roof truss signs are to be affixed to the front of the building.

9. The building shall have an address prominently affixed to the structure which is legible and visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters which are a minimum of 4 inches high with minimum stroke width of ½ inch in accordance with IFC Section 505.
10. The use of combustible landscape materials, such as wood-based mulch products, is prohibited within 18 inches of a building or structure; or within 18 inches of any designated smoking area (IFC 305.6).
11. Upon completion, building shall be evaluated to ensure compliance with the Emergency Radio Responder Coverage requirements of the International Building and Fire Codes. The cost associated with the evaluation is the responsibility of the owner/contractor. The list of requirements will be provided as the building nears completion.
12. Fire Lane signage and yellow curb painting is to be installed along the curblin serving the access road to the southside of the building to identify “no parking zones” in accordance with IFC Section 503.3 and to maintain the fire access roads around the building. Additionally, we are requesting the adoption of Title 39 enforcement allowing Evesham PD to enforce the fire lane parking provisions granted by the statute.

Signs, with minimum dimensions of 12 inches by 18 inches, constructed of metal and with raised red letters a minimum of two inches in size on a white background, shall be posted at a level of at least seven feet. Spacing of signs shall be even with a minimum of one sign for every 50 feet of fire lane or part thereof. All signs and markings must be unobstructed and visible for a distance of at least 100 feet when viewed from a position approximately five feet above ground while in the fire lane.

The area of a fire lane on improved areas shall be delineated along its entire length with yellow lines 18 inches in width. Between the yellow lines shall be marked NO PARKING FIRE LANE in yellow letters 18 inches in height. The number of times this wording is to be repeated shall be at the discretion of the appropriate Fire Official, with the recommended spacing to be at one-hundred-foot intervals and spaced so as to be between and alternate with the metal signs required above. If the designated fire lane abuts a curb, the curbing shall be yellow in color where it abuts the fire lane.



Turning Performance Analysis

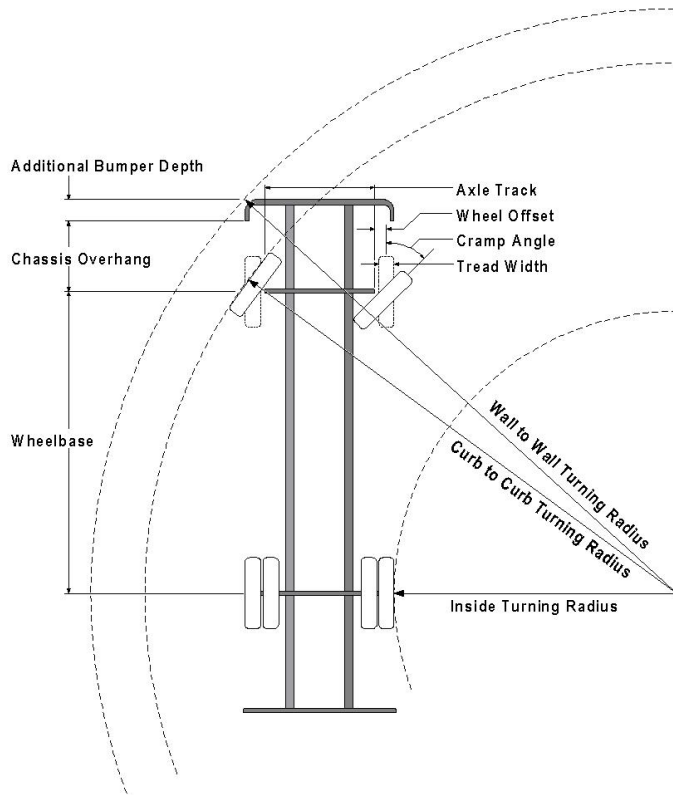
09/30/2014

Bid Number: 299

Department: Evesham Twp Fire District #1

Chassis: Arrow-XT Chassis, PAP/Midmount, 2010

Body: Aerial, Platform 100', No Pump, Alum Body



Parameters:

Inside Cramp Angle:	45°
Axle Track:	82.92 in.
Wheel Offset:	4.68 in.
Tread Width:	17.4 in.
Chassis Overhang:	68.99 in.
Additional Bumper Depth:	22 in.
Front Overhang:	135.6 in.
Wheelbase:	268 in.

Calculated Turning Radii:

Inside Turn:	21 ft. 3 in.
Curb to curb:	37 ft. 11 in.
Wall to wall:	45 ft. 4 in.

Comments:

Category	Option	Description
Axle, Front, Custom	0018453	Axle, Front, Oshkosh TAK-4, Non Drive, 22,800 lb, Qtm/AXT/DCF
Wheels, Front	0019611	Wheels, Front, Alcoa, 22.50" x 12.25", Aluminum, Hub Pilot
Tires, Front	0594821	Tires, Front, Goodyear, G296 MSA, 425/65R22.50, 20 ply
Bumpers	0550017	Bumper, 22" Extended, AXT, Dash CF
Aerial Devices	0657391	Aerial, 100' Pierce Platform, 35 MPH Wind Rating, 400lb Tip Load Allowance

Notes:

Actual Inside cramp angle may be less due to highly specialized options.

Curb to Curb turning radius calculated for 9.00 inch curb.

Definitions:	
Inside CrampAngle	Maximum turning angle of the front inside fire.
Axle Track	King-pin to King-pin distance of front axle.
Wheel Offset	Offset from the center line of the wheel to the King-pin.
Tread Width	Width of the tire tread.
Chassis Overhang	Distance of the center line of the front axle to the front edge of the cab. This does not include the bumper depth.
Additional Bumper Wheel	Depth that the bumper assembly adds to the front overhang.
Wheelbase	Distance between the center lines of the vehicles front and rear axles.
Inside Turning Radius	Radius of the smallest circle around which the vehicle can turn.
Curb to Curb Turning Radius	Radius of the smallest circle around which the vehicle's tires can turn. This measures assumes a curb height of 9 inches.
Wall to Wall Turning Radius	Radius of the smallest circle around which the vehicle's tires can turn. This measures takes into account any front overhang due to chassis , bumper extensions and or aerial devices.