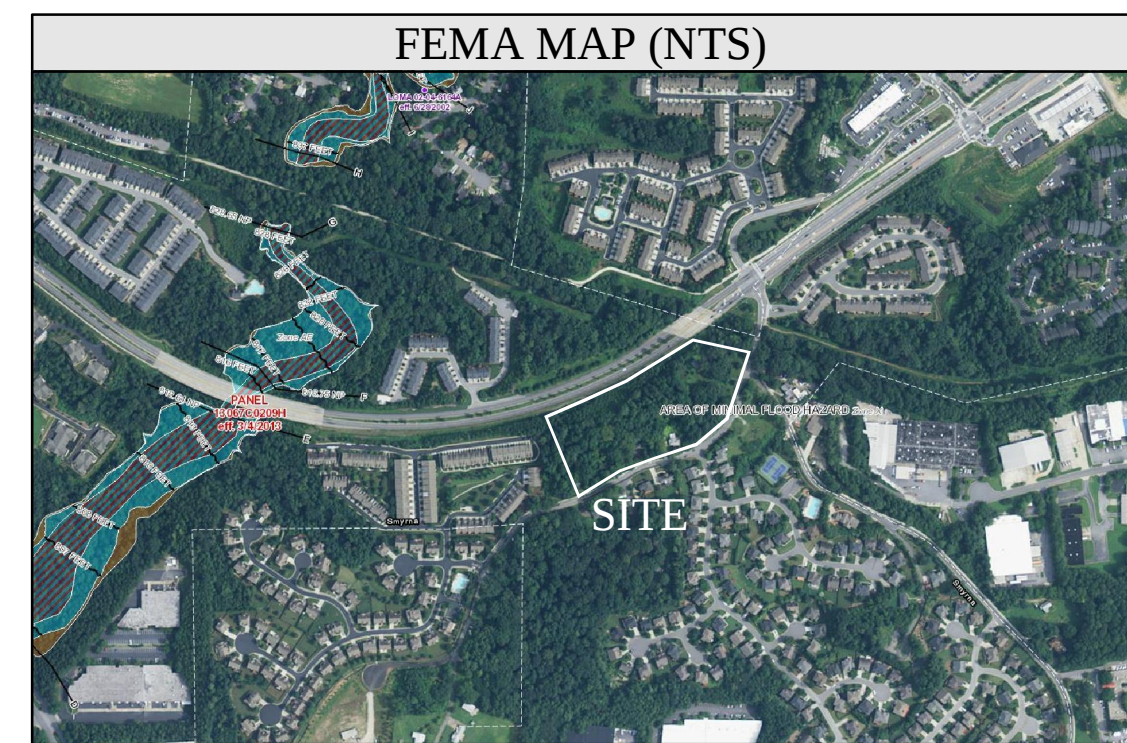




Turning Performance Analysis

12/18/2013

Bid Number: 6
Department: Smyrna Fire Department

Chassis: Velocity Chassis, PAP/SkyArm/Midmount (Big Block)
Body: Aerial, Platform 100', Alum Body

Parameters:

Inside Cramp Angle:	
Axle Track:	82.92
Wheel Offset:	5.25
Tread Width:	17.8
Chassis Overhang:	78
Additional Bumper Depth:	19
Front Overhang:	142.6
Wheelbase:	261

Calculated Turning Radii:

Inside Turn:	24 ft. 9 in.
Curb to curb:	40 ft. 7 in.
Wall to wall:	47 ft. 10 in.

Comments:

Category	Option	Description
Axle, Front, Custom	0508946	Axle, Front, Oshkosh TAK-4, Non Drive, 24,000 lb, Velocity
Wheels, Front	0091794	Wheels, Front, 22.50" x 13.00", Steel, Hub Pilot
Tires, Front	0078245	Tires, Front, Michelin, XZY3 (wb), 445/65R22.50, 20 ply
Bumpers	0123625	Bumper, 19" Extended, Imp/Vel
Aerial Devices	0022160	Aerial, 100' Pierce Platform

Notes:

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

Curb to Curb turning radius calculated for 9.00 inch curb

Truck Vehicle Stats

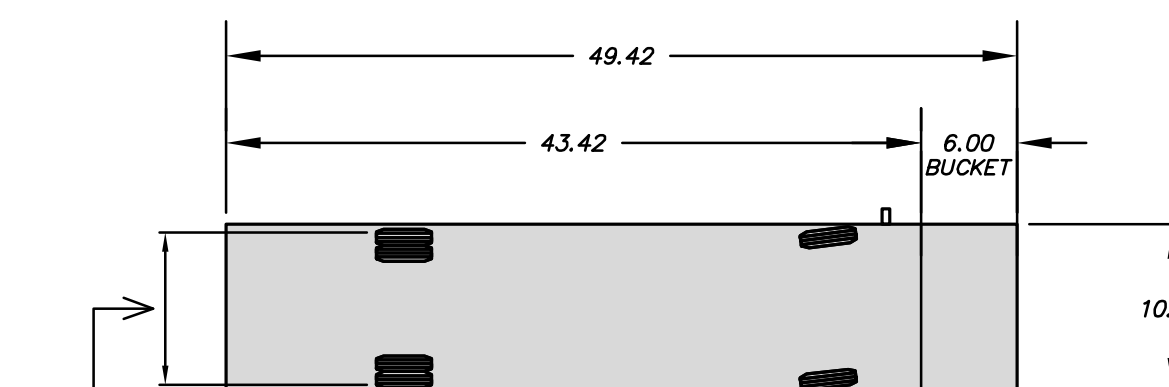
Truck 4
GVWR 75,500 LBS Dry
82,000 LBS Wet
Vehicle Height 14'
Vehicle Width 10'6"
Vehicle Width with Outriggers Deployed: 20'
Outrigger Foot Size 11 5/8" x 15"
Outrigger Pad Size 24"x24"

Vehicle length 43' 5"
Front bucket overhang 6'
Overall Length 43' 5"
Rear Axle to Rear Bumper 11'
Front Axle to Front Bumper 8'2"

The following are the estimated fully loaded weights including all people, water/foam and NFPA Equipment allowances:

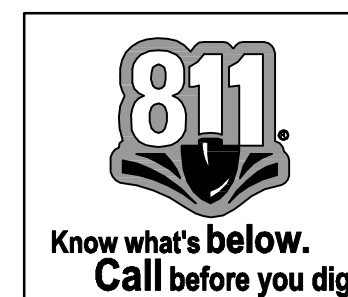
	<u>Front Axle</u>	<u>Rear Axle</u>
Rating	24,000lbs	58,000lbs
Total Weight	23,914lbs	56,667lbs
Distribution	30%	70%

SMYRNA FIRE DEPARTMENT
FIRE TRUCK DIMENSIONS
SCALE: 1" = 1'-0"



HATCH INDICATES AREA
BENEATH WHEELS

ARROWS INDICATES FORWARD
DIRECTION OF TRAVEL



24 HOUR CONTACT:
MARTY ORR @ 770-945-3241

CAMP HIGHLAND ROAD

A MASTER PLANNED TOWNHOME DEVELOPMENT

PRIME INTEREST
4235 SOUTH LEE STREET
BUFORD, GEORGIA 30518
PHONE: 770-945-3241

LAND LOT(S) 606
17th DISTRICT, 2nd SECTION

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REVISIONS:

[illegible]

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SHEET TITLE

FIRE ACCESS PLAN

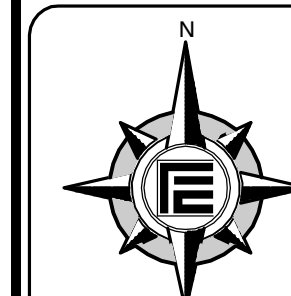


SCALE: 1" = 50'
DATE: NOV. 13, 2015
PROJECT: 15227.00

THIS SEAL IS ONLY VALID IF COUNTER SIGNED
AND DATED WITH AN ORIGINAL SIGNATURE.



GSWCC LEVEL II DESIGN PROFESSIONAL
CERTIFICATION # 0000059389 EXP. 10/27/2018



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