



TOWN OF WALPOLE
COMMONWEALTH OF MASSACHUSETTS

OFFICE OF COMMUNITY DEVELOPMENT

JAMES A. JOHNSON
Town Administrator

ASHLEY CLARK
Community Development Director

To: Lou Petrozzi, Wall Street Development LLC

From: Ashley Clark
Community Development Director

Date: November 13, 2019

Subject: Burns Avenue 40B

Mr. Petrozzi:

Below is a summary of outstanding issues that need to be resolved for the ZBA's review of your Comprehensive Permit Application on Burns Avenue. Please provide additional information to address the concerns outlined below by **12/2/2019 at 12:00 PM EST** so the town can review the materials ahead of your continued hearing scheduled for 12/4/2019 and provide a recommendation to the ZBA.

1. The *Turning Movements* submitted by Green International Affiliates Inc. Sheet 1 and Sheet 2 dated 09/10/2019 are not sufficient for the Fire Department's review:
 - a. The Apparatus shown is not correct as it does not show the appropriate overhang. Please see the attached model for use in the analysis. The plans must demonstrate that the Town's Apparatus, including the overhang, must be able to maneuver throughout the access roads. Of particular concern is the light fixture indicated on the northwest end of the cul-de-sac and the ability to exit and enter the site.
 - b. The sheets are not stamped. The stamp is required in order to provide the verification the Fire Department needs to review and determine whether or not the plans are compliant with local and state fire codes (527 CMR 1 sec 18.1.1.5).
 - c. The turning movements indicate that the Apparatus must enter the opposing lane of traffic to complete a turn. This is not compliant with the Fire Code and is not something that the ZBA has the ability to grant a waiver from, as it is a state regulation. "The use of the opposite travel lane is prohibited in the design of all new fire apparatus access roads"

(527 CMR 1 sec 18.2.3.4.8). Please provide plans that are in compliance with this regulation.

- d. No analysis has been provided that demonstrate compliance with the Town's Rules and Regulations as amended through 4/15/2004 Section IV-2.c "Dead-end streets shall be provided with cul-de-sacs at the closed end with a turnaround having an outside street line diameter of at least one hundred and four (104) feet." Due to the safety concerns related to fire protection, please provide a compliant plan at the end of Burns Avenue or a justification for a waiver and response to how you will otherwise mitigate for the fire safety threat created.
 - e. Additional information must be provided and stamped by an engineer to demonstrate a waiver is not required for the Town's Rules and Regulations as amended through 4/15/2004 Section IV-2 Dead-end Streets, "(a) Dead-end streets, shall not exceed seven hundred fifty (750) feet in length." If a waiver is requested, the Applicant must provide justification of the waiver.
 - f. The above list is not exhaustive. Plans submitted must show compliance with 527 CMR 1 and show compliance with all town codes where waivers are not requested. Waivers requested must be accompanied with a justification and address how the concern will be ameliorated or evidence that it is not applicable given the specific site context. Any local waiver requests must be provided and requested of the ZBA. This list should be forwarded to the Fire Department to provide the ZBA with a recommendation on the grant of the waiver.
2. Additional information is needed on how snow plowing and snow storage on Burns Avenue and the extended roadway through the development will be addressed.

I am available to help provide clarification or discuss any of the above issues. I look forward to reviewing the additional information with the respective departments on or before 12/2/2019. This will allow us to have an efficient meeting with the ZBA on 12/4/2019 and provide clear recommendations and next steps.

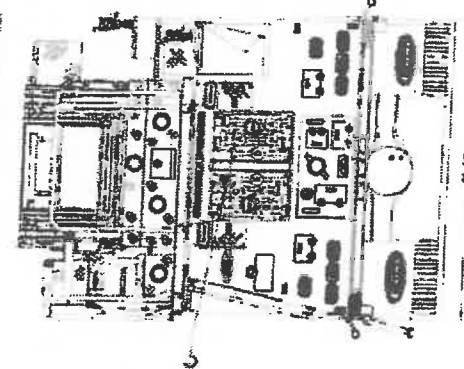
Thank you,



Ashley Clark

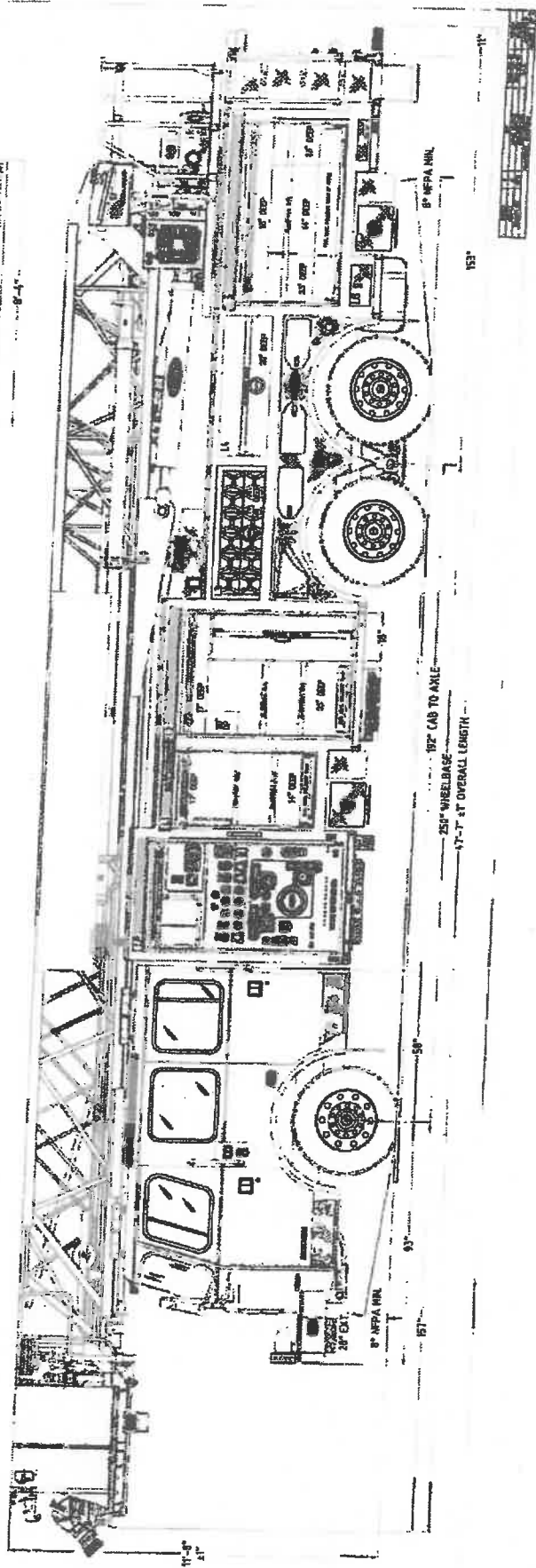
2000 GPM HALF CHASSIS PUMP 270 GALLON WATER TANK 30 GALLON INTERNAL CLASS "A" FOUNTAIN		ROSE LOGS 50' OF 3" O.D.	
COMP.	OPENING	WHEELBASE DIMENSION	
L1/R1	25W	46H	
L2/R2	46W	60H	
L3/R3	50W	18H	
L4	52W	18H	26H
L5	15W	32H	15W
L6	87W	15W	32H
L7	31W	20H	15W
L8	15W	8H	15W
L9	36W	28H	36W
L10			230

GROUND LADDERS		ROOF NUMBER	
ITEM	LENGTH	NUMBER	QTY
A	55' 2" SECT.	RS-36	2
B	28' 2" SECT.	PEL-28	2
C	24' 2" SECT.	PEL-24	2
D	20' ROOF	PEL-20	2
E	10' ROOF	PEL-10	2
F	10' FOLDING	PL-20	2



TOWN OF WALPOLE
WALPOLE, MA
 S.O. 142115 / 01/07/2018 87308
 AERIAL BODY
 CYCLONE II X CHASSIS
 HPS100 AERIAL PLATFORM

THIS DRAWING IS FOR INFORMATION PURPOSES. ALL DIMENSIONS ARE
 SUBJECT TO SHOP VARIATIONS DUE TO MANUFACTURING PROCEDURES.
APPROVED FOR PRODUCTION
 DESIGNER: BRIAN MASON DATE: 2018-07-02





WALPOLE TOWER

SAE Turning Radius Calculations for Quote No. 87308				
Wheelbase:	250"	Front Bumper Size:	10"	
Body Width:	100"	Front Bumper Extension:	20"	
Front Axle Kinopin Center:	71"	Front Wheel Type:	ALUMINUM	
Front Axle Track:	84.36"	Rear Wheel Type:	ALUMINUM	
Front Axle Tire Width:	16.2"	Tire Brand:	MICHELIN	
Dimension Over Rear Tires:	98.59"			
Body Front Overhang:	92"			
Inside Cramp Angle	S. A. E. Turning Radius	Tire Curb Clearance	Bumper Swing Clearance	Minimum Inside Radius
35	41.9'	42.5'	46.6'	28.6'
36	40.9'	41.6'	45.8'	27.5'
37	40.1'	40.7'	45'	26.5'
38	39.2'	39.9'	44.2'	25.5'
39	38.4'	39.1'	43.5'	24.6'
40	37.7'	38.4'	42.8'	23.7'
41	37'	37.7'	42.2'	22.8'
42	36.3'	37'	41.6'	22'
43	35.7'	36.3'	41'	21.2'
44	35.1'	35.7'	40.4'	20.4'
45	34.5'	35.1'	39.9'	19.7'
46	33.9'	34.6'	39.4'	19'
47	33.4'	34'	39'	18.3'
48	32.9'	33.5'	38.5'	17.6'
49	32.4'	33'	38.1'	17'
50	31.9'	32.6'	37.7'	16.3'
Nominal Cramp Angles:				
Meritor FL941 & FL943 axles: up to and including 425/65R22.5 tires		45 degrees		
Meritor FL941 & FL943 axles: 445/65R22.5 tires		38 degrees		
Dana 1220W axle: up to and including 445/65R22.5 tires		42 degrees		
Reyco IFS: up to and including 385/65R22.5 tires		48 degrees		
Reyco IFS: 425/65R22.5 tires		45 degrees		
Reyco IFS: 445/65R22.5 tires without front intake		42 degrees		
Meritor Front Drive Axle: up to and including 425/65R22.5 tires		37 degrees		
Marmon Herrington Front Drive Axle: up to and including 425/65R22.5 tires		42 degrees		
This Turning Radius report reflects how the quote was configured. Any succeeding changes may slightly alter the turning radius of the vehicle and the data in this report.				