



# LIMERICK FIRE COMPANY

## LIMERICK, PA.

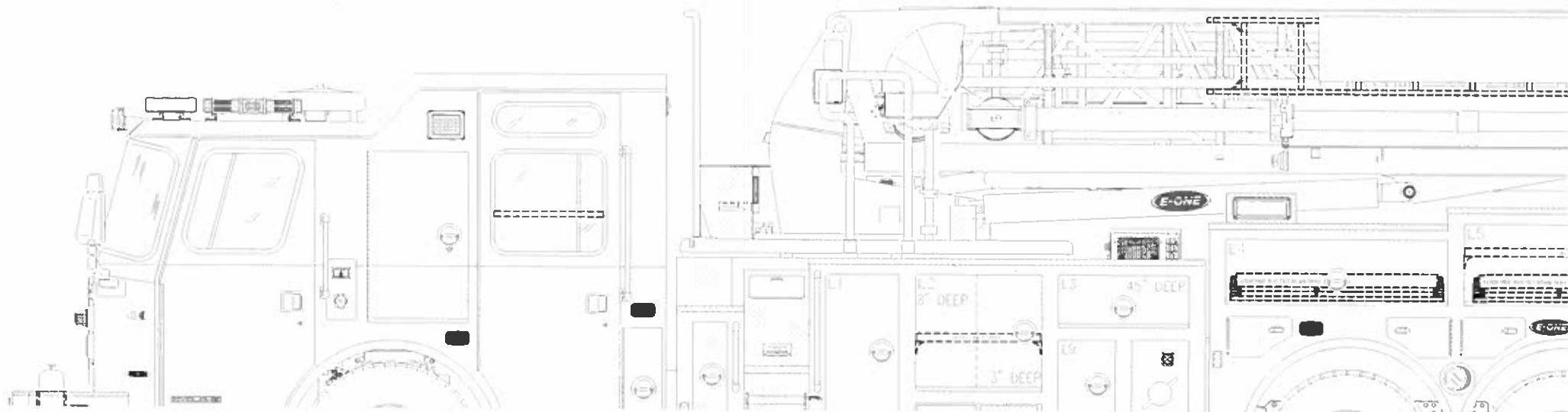
SO141003/Q81188

AERIAL BODY  
CYCLONE II X CHASSIS  
HP95' AERIAL PLATFORM

THIS DRAWING IS FOR REFERENCE PURPOSES. ALL DIMENSIONS ARE SUBJECT TO MINOR VARIATIONS DUE TO MANUFACTURING PROCESSES.

APPROVED FOR PRODUCTION

DESIGNER: \_\_\_\_\_ DATE: \_\_\_\_\_



COMPT.	OPENING		INTERIOR DIMENSION		
	18W	38H	18W	38H	11D
L1	18W	38H	15W	27H	NOTED
			16W	27H	NOTED
L2/R2	31W	27H	15W	27H	FORWARD
L3/R3	32W	12H	32W	12H	NOTED
L4/R4	54W	15H	54W	15H	25D
L5/P5	58W	19H	58W	19H	NOTED
L6/R6	56W	51H	56W	21H	NOTED
			56W	30H	LOWER
L7/R7	20W	43H	20W	20H	NOTED
			20W	23H	UPPER
L8/R8	45W	43H	45W	20H	NOTED
			45W	23H	LOWER
L9/R9	14W	22H	14W	22H	22D

### GROUND LADDERS

ITEM	LADDER LENGTH	MODEL NUMBER	Q'TY
A	35' 2-SECT.	1200-A 35	1
B	23' 2-SECT.	1200-A 23	2
C	24' 2-SECT	900-A 24	1
D	18' ROOF	875-A 18	2
E	16' ROOF	875-A 16	3
F	10' ATTIC	545-A 10	1
G	12' ROOF	775-A 12	1

(1) ON AERIAL

ON AERIAL

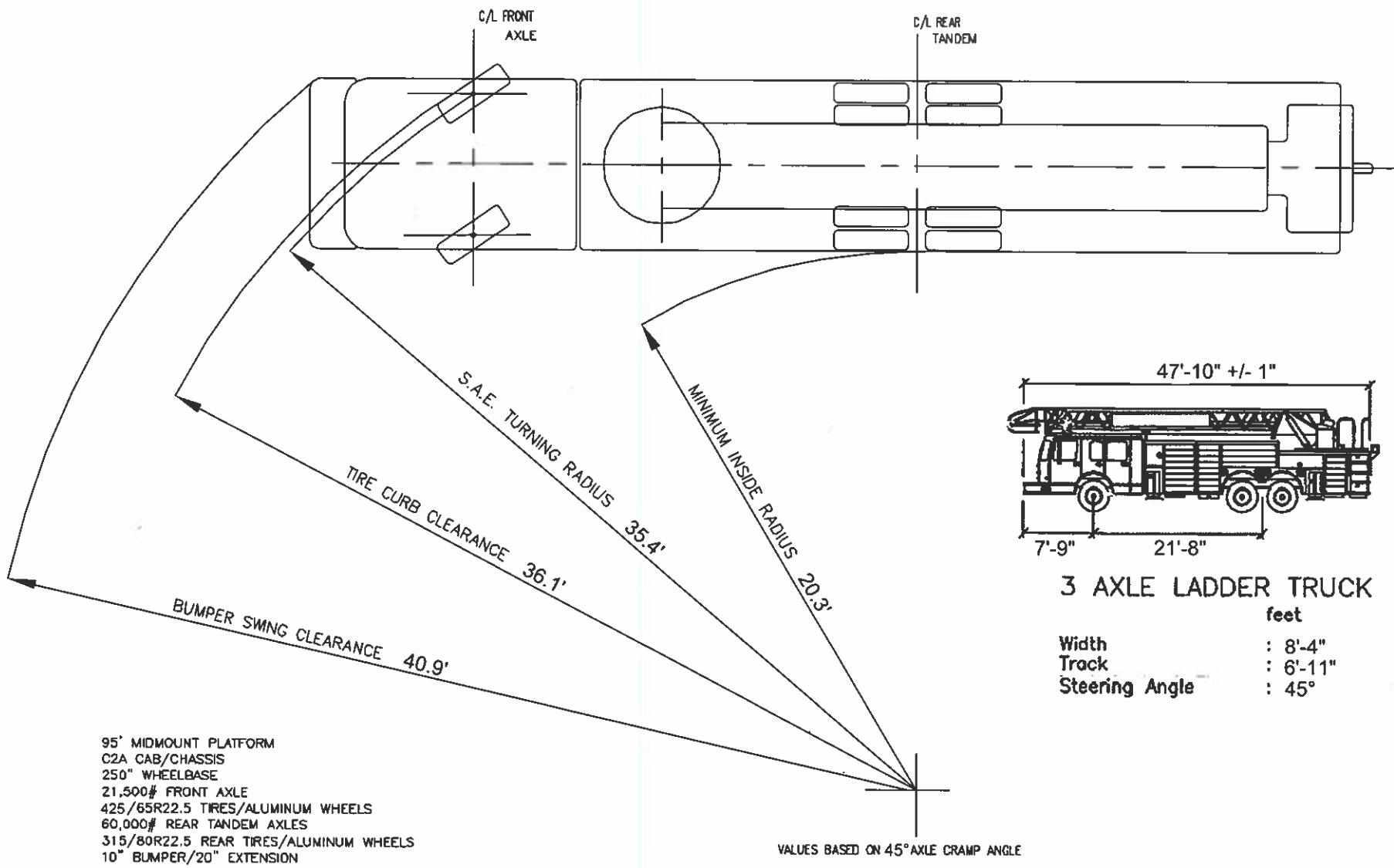

**SAE Turning Radius Calculations for Quote No. 81188**

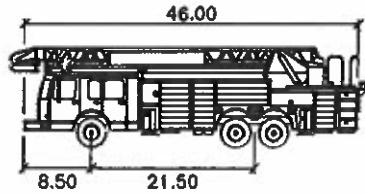
Wheelbase:	260"	Front Bumper Size:	10"	
Body Width:	100"	Front Bumper Extension:	20"	
Front Axle Kingpin Center:	65.06"	Front Wheel Type:	ALUMINUM	
Front Axle Track:	83"	Rear Wheel Type:	ALUMINUM	
Front Axle Tire Width:	16.2"	Tire Brand:	MICHELIN	
Dimension Over Rear Tires:	98.59"			
Body Front Overhang:	92"			
Inside Cramp Angle	S. A. E. Turning Radius	Tire Curb Clearance	Bumper Swing Clearance	Minimum Inside Radius
35	43.1'	43.8'	47.9'	29.5'
36	42.1'	42.8'	47'	28.4'
37	41.2'	41.9'	46.2'	27.4'
38	40.4'	41'	45.4'	26.3'
39	39.5'	40.2'	44.6'	25.4'
40	38.8'	39.4'	43.9'	24.4'
41	38'	38.7'	43.3'	23.5'
42	37.3'	38'	42.6'	22.7'
43	36.7'	37.3'	42'	21.8'
44	36'	36.7'	41.5'	21'
45	35.4'	36.1'	40.9'	20.3'
46	34.9'	35.5'	40.4'	19.5'
47	34.3'	35'	39.9'	18.8'
48	33.8'	34.5'	39.5'	18.1'
49	33.3'	33.9'	39'	17.4'
50	32.8'	33.5'	38.6'	16.8'

**Nominal Cramp Angles:**

Leaf spring suspension: up to and including 425/65R22.5 tires	45 degrees
Leaf spring suspension: 445/65R22.5 tires	38 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
Timoney Independent Front Suspension (IFS): up to and including 425/65R22.5 tires	44 degrees
Timoney Independent Front Suspension (IFS): 445/65R22.5 tires	42 degrees
Front Drive Axle: up to and including 425/65R22.5 tires	35 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.**

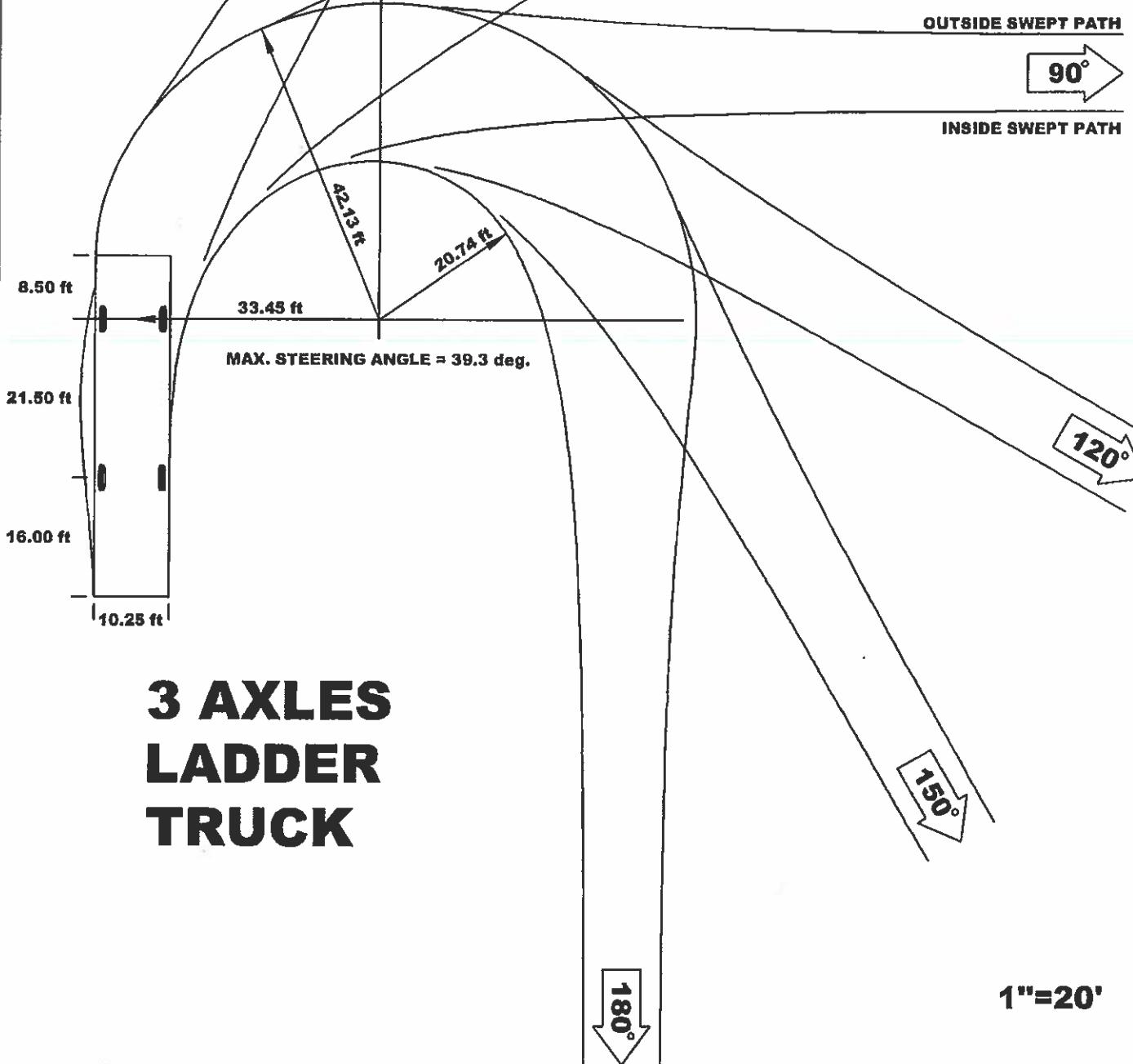




### 3 AXLE LADDER TRUCK

feet

Width : 10.25  
Track : 9.00  
Lock to Lock Time : 6.00  
Steering Angle : 40.00



# 3 AXLES LADDER TRUCK