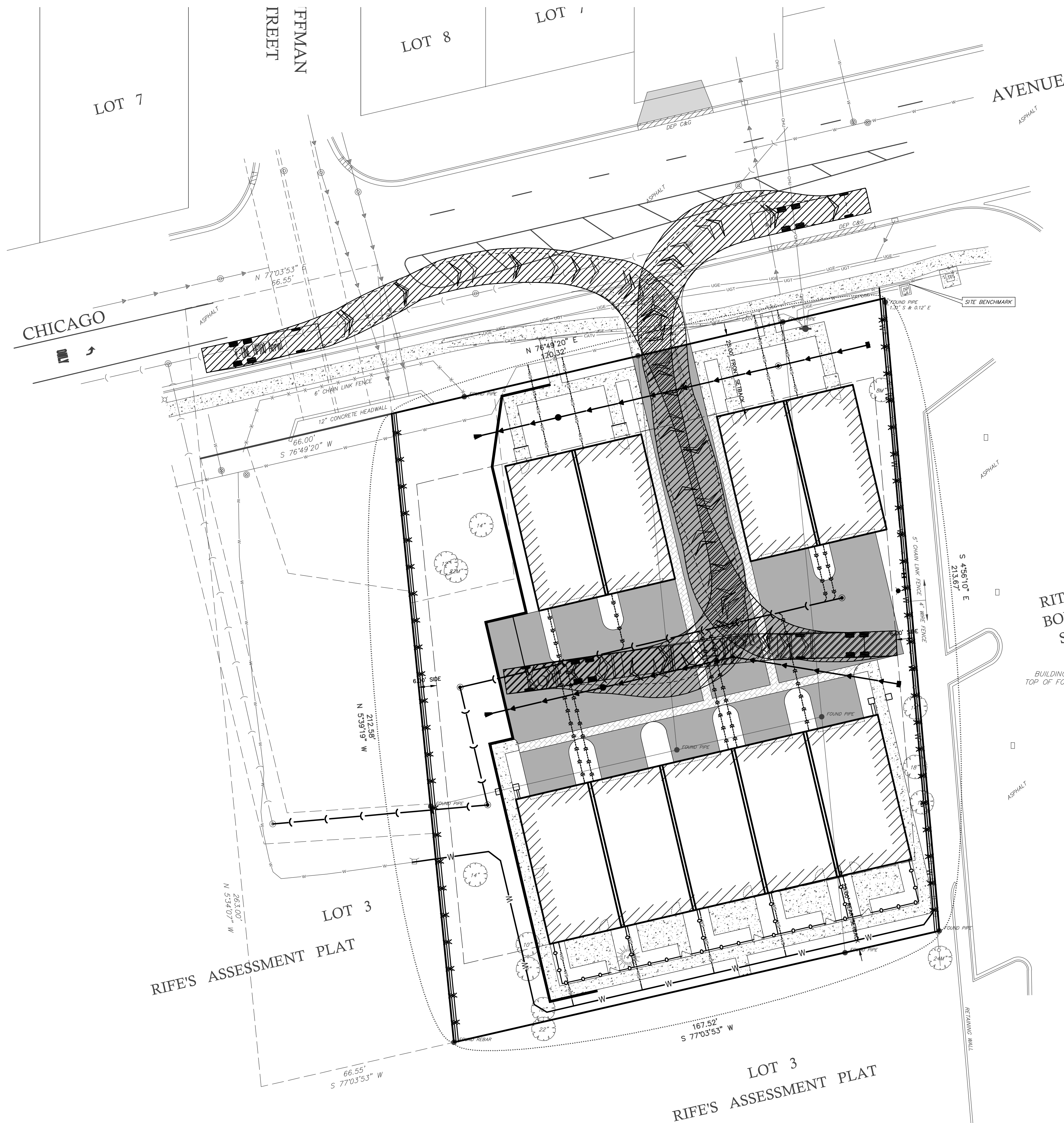




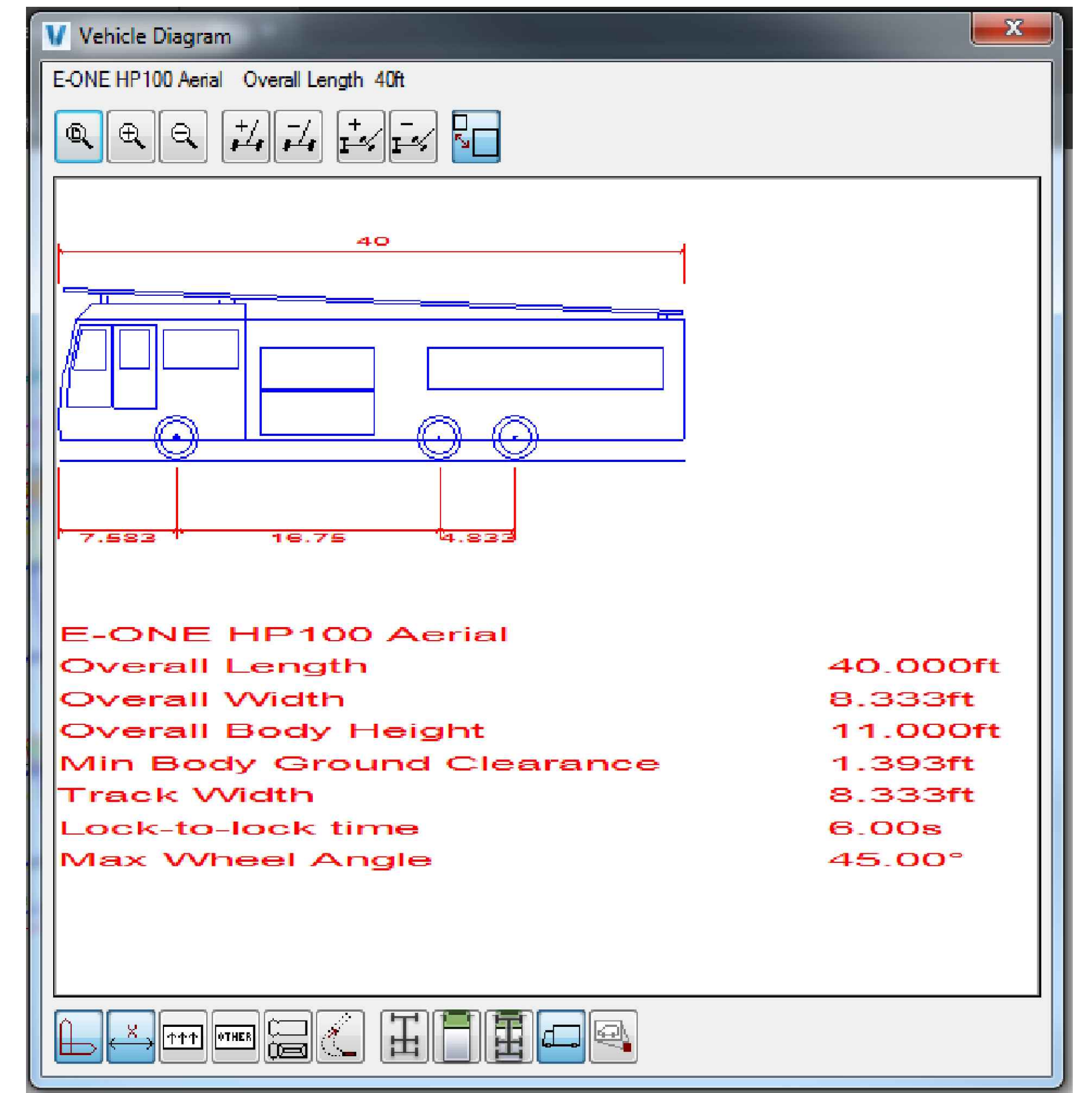
VEHICLE PATH LEGEND

- VEHICLE PATH
- BODY PATH
- CHASSIS PATH
- VEHICLE BODY

NOTES

ALL TURNING SIMULATIONS HAVE BEEN RUN AT A CONTINUOUS SPEED OF 5 M.P.H..

VEHICULAR MANEUVER SIMULATION COMPLETED WITH AUTODESK VEHICLE TRACKING 2019.



Vehicle Tracking v19.00 - World Wide Real Vehicles

Vehicle Tracking Vehicle Details	Ref:
Unit Name:	E-ONE HP100 Aerial Tractor
Type:	Tractor (with driver controlled steering)
Body style:	Fire Tender
Classification:	(Unspecified)
Source:	No data
Description:	No data
Notes:	No data
Datum:	Front Primary Axle
Front Axle(s):	1 Ackerman (axles fixed, wheels turn)
Primary Front Axle Offset:	0.000ft
Effective Front Axle Offset:	0.000ft (Auto Calculated)
Maximum Wheel Angle:	45.000deg (Any Front Wheel)
Status:	Active Non Self-Steered
Track Width:	8.333ft
Total Wheels:	2 (positioned at the ends of the axle)
Tire Width:	0.833ft (Auto Calculated - proportion of Track Width)
Tire Diameter:	2.917ft (Auto Calculated - proportion of Track Width)
Rear Axle(s):	2 Fixed (All axles identical)
Primary Rear Axle Offset:	16.750ft (Inseam Axle behind Front Primary Axle)
Effective Rear Axle Offset:	19.167ft (Auto Calculated)
Maximum Wheel Angle:	Unlimited
Rear Axle Spacing:	4.833ft
Status:	Active Non Self-Steered
Track Width:	8.333ft
Total Wheels:	4 (positioned at the ends of the axle)
Tire Width:	0.833ft (Auto Calculated - proportion of Track Width)
Tire Diameter:	2.917ft (Auto Calculated - proportion of Track Width)
Steering:	Front Axle(s):
Maximum Wheel Angle:	See Front Axles: Maximum Wheel Angle
Calculated Maximum Wheel Angle:	45.000deg
Lock-to-Lock Time (Fwd/Rev):	6.00sec / 6.00sec
Driver / Pilot:	-2.662ft (in front of Front Primary Axle)
Driver Offset Longitudinally:	-1.969ft (Right of Centerline)
Driver Height:	8.202ft (Above ground level)
Front Coupling:	None
Rear Coupling:	None
Body outline (plan):	Rectangle
Outline Type:	Offset (X,Y):
Offset (X,Y):	-7.583ft, 0.000ft
Length / Width:	40.000ft / 8.333ft

Every Effort Has Been Made To Ensure The Accuracy Of This Information
Please Check Data From Your Own Sources

Vehicle Tracking v19.00 - World Wide Real Vehicles

Vehicle Tracking Vehicle Details	Ref:
Vehicle Name:	E-ONE HP100 Aerial
Type:	Rigid vehicle
Category:	(Unspecified)
Classification:	(Unspecified)
Source:	No data
Description:	Cyclone II Chassis
Notes:	No data
Unit 1 Name:	E-ONE HP100 Aerial Tractor

E-ONE HP100 Aerial	40.000ft
Overall Length	8.333ft
Overall Width	11.000ft
Overall Body Height	1.393ft
Min Body Ground Clearance	8.333ft
Track Width	6.00s
Lock-to-lock time	45.00°
Max Wheel Angle	

Every Effort Has Been Made To Ensure The Accuracy Of This Information
Please Check Data From Your Own Sources

REVISIONS

No.	DATE	DESCRIPTION	BY

DOCUMENTATION:

PROJECT No.: 20180546
DATE: 8-24-2018
FIELD BOOK:
DRAWN BY: ech
CHECKED BY: DJZ



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PROJECT TITLE:

CHICAGO COMMONS TOWNHOMES
CHICAGO AVENUE
NAPERVILLE, ILLINOIS

DRAWING TITLE:

VEHICLE TRACKING EXHIBIT
FIRE TRUCK

DRAWING No.

318-0546-E01

SCALE:

AS NOTED

SHEET 1 OF 1