

SCALE: 1" = 80'-0"



CIVIL | EROSION & SEDIMENT CONTROL PLAN B

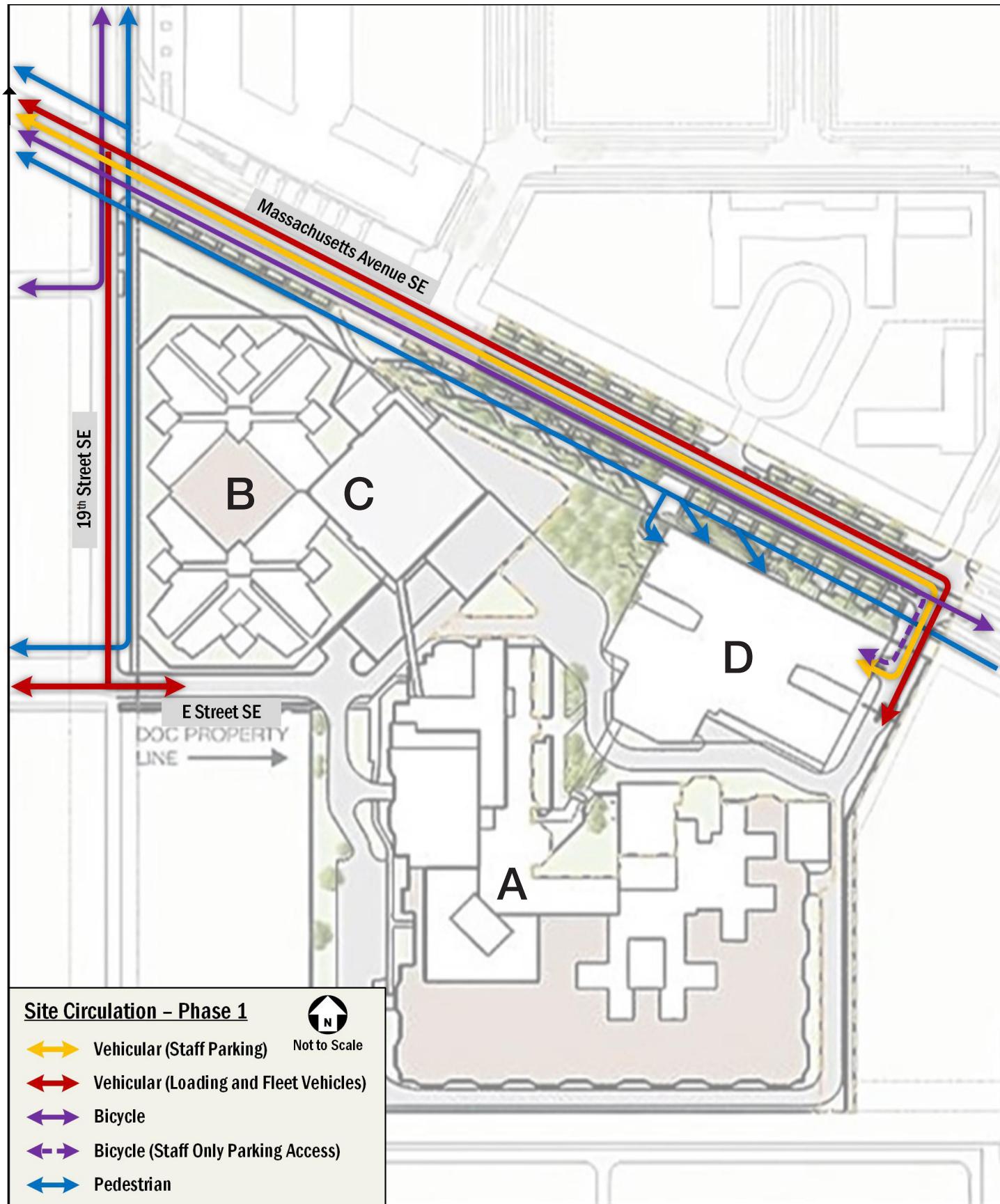
ZONING COMMISSION | DESIGN REVIEW

D.C. CORRECTIONAL TREATMENT FACILITY ANNEX

D.C. Department of Corrections

Department of General Services

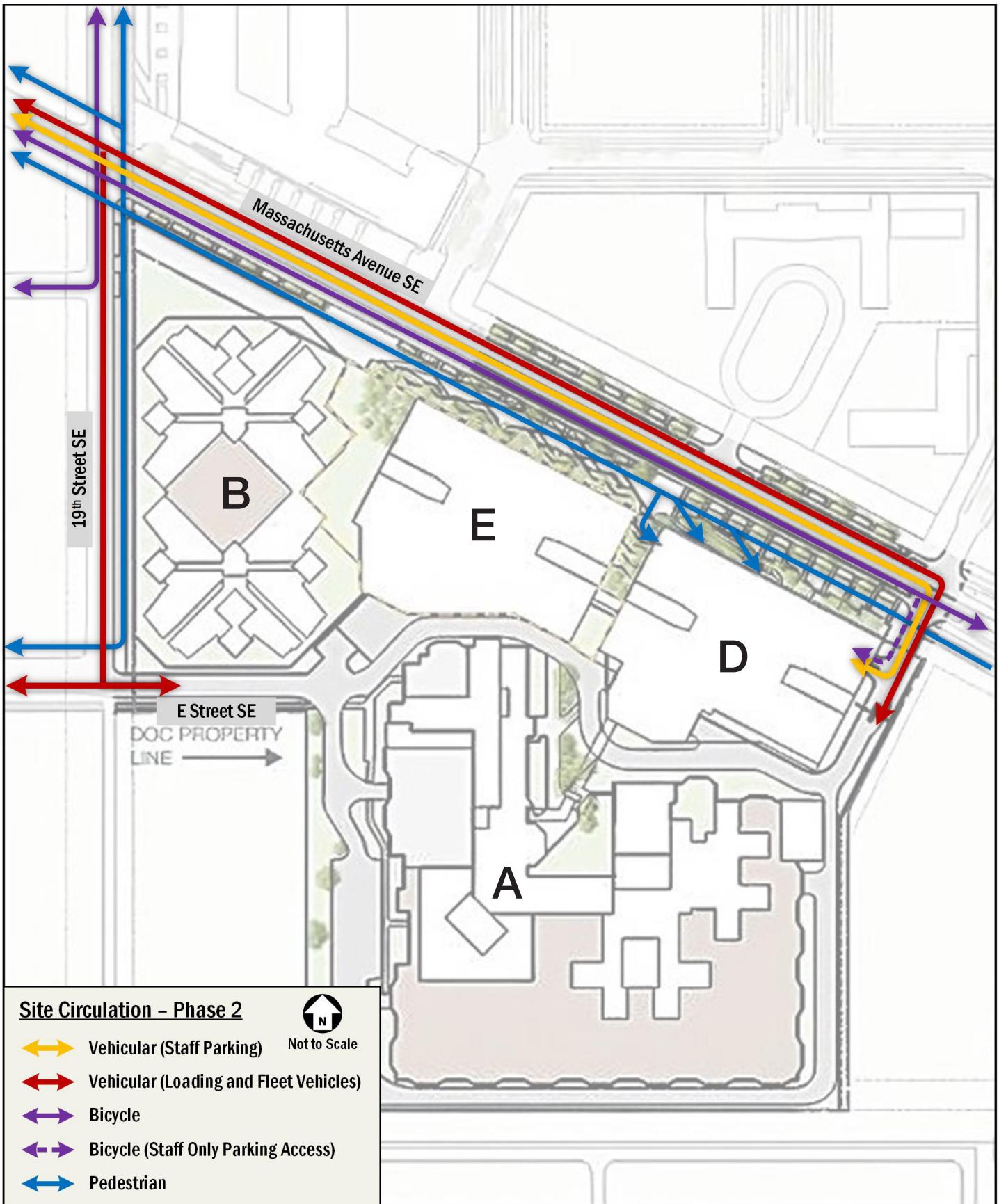
CGL Companies | CORE architecture + design



## KEY

- A. Existing Correctional Treatment Facility (CTF)
- B. Existing Central Detention Facility (CDF) (to be discontinued from use in separate scope)
- C. (Not Pictured - Previously Demolished)
- D. New Building 1

- Orange line: Vehicular (Staff Parking)
- Red line: Vehicular (Loading and Fleet Vehicles)
- Purple line: Bicycle
- Blue line: Pedestrian

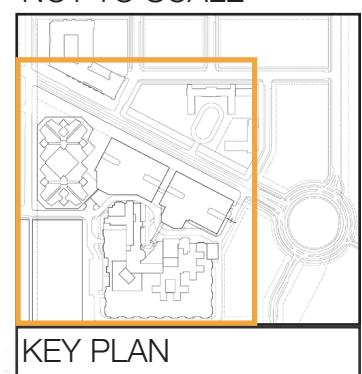


## KEY

- A. Existing Correctional Treatment Facility (CTF)
- B. Existing Central Detention Facility (CDF) (to be discontinued from use in separate scope)
- C. (Not Pictured - Previously Demolished)
- D. New Building 1
- E. New Building 2

— Vehicular (Staff Parking)  
— Vehicular (Loading and Fleet Vehicles)  
— Bicycle  
— Pedestrian

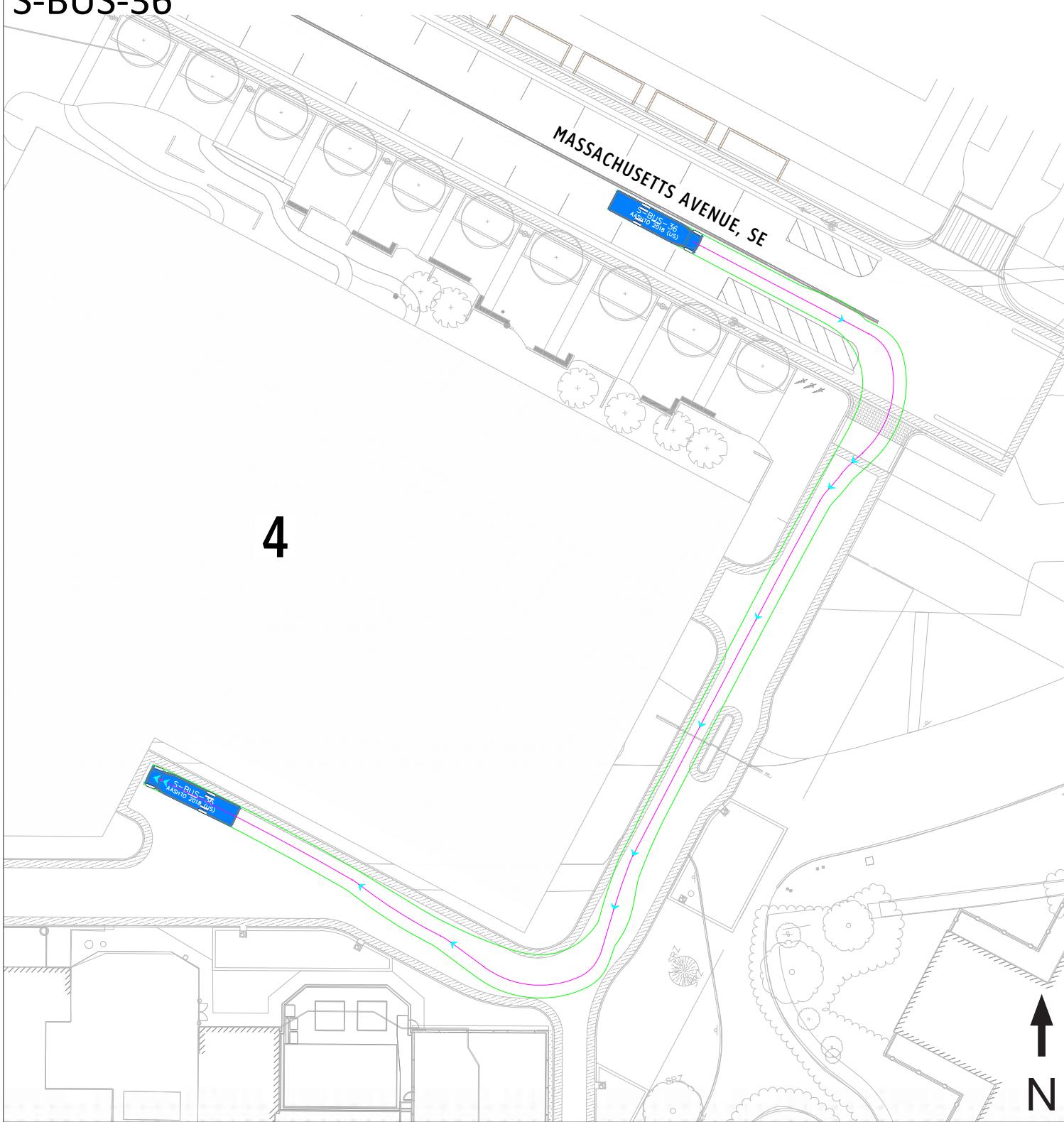
NOT TO SCALE



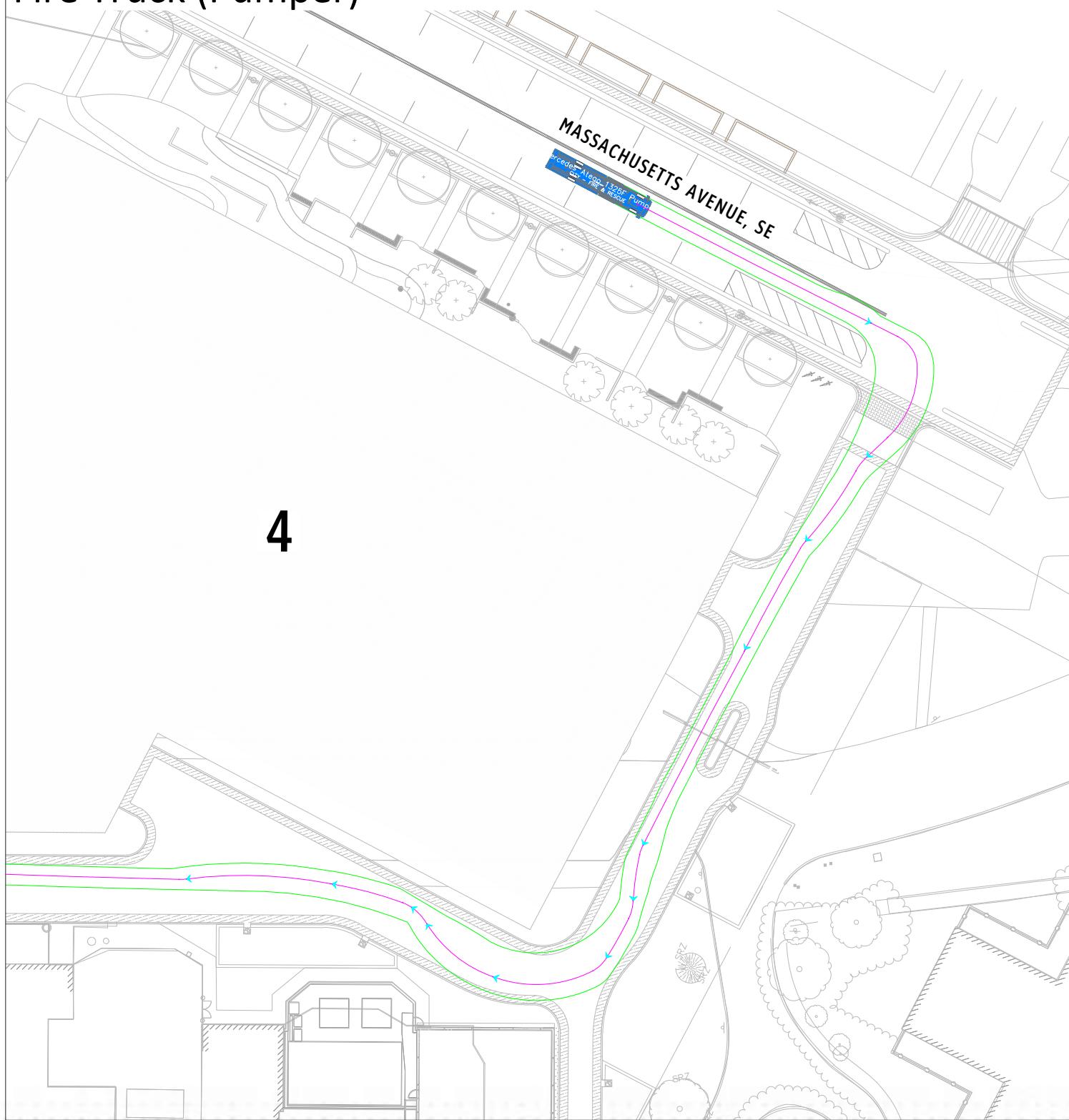
Right Turn from Massachusetts Ave into Site  
SU-40 Truck



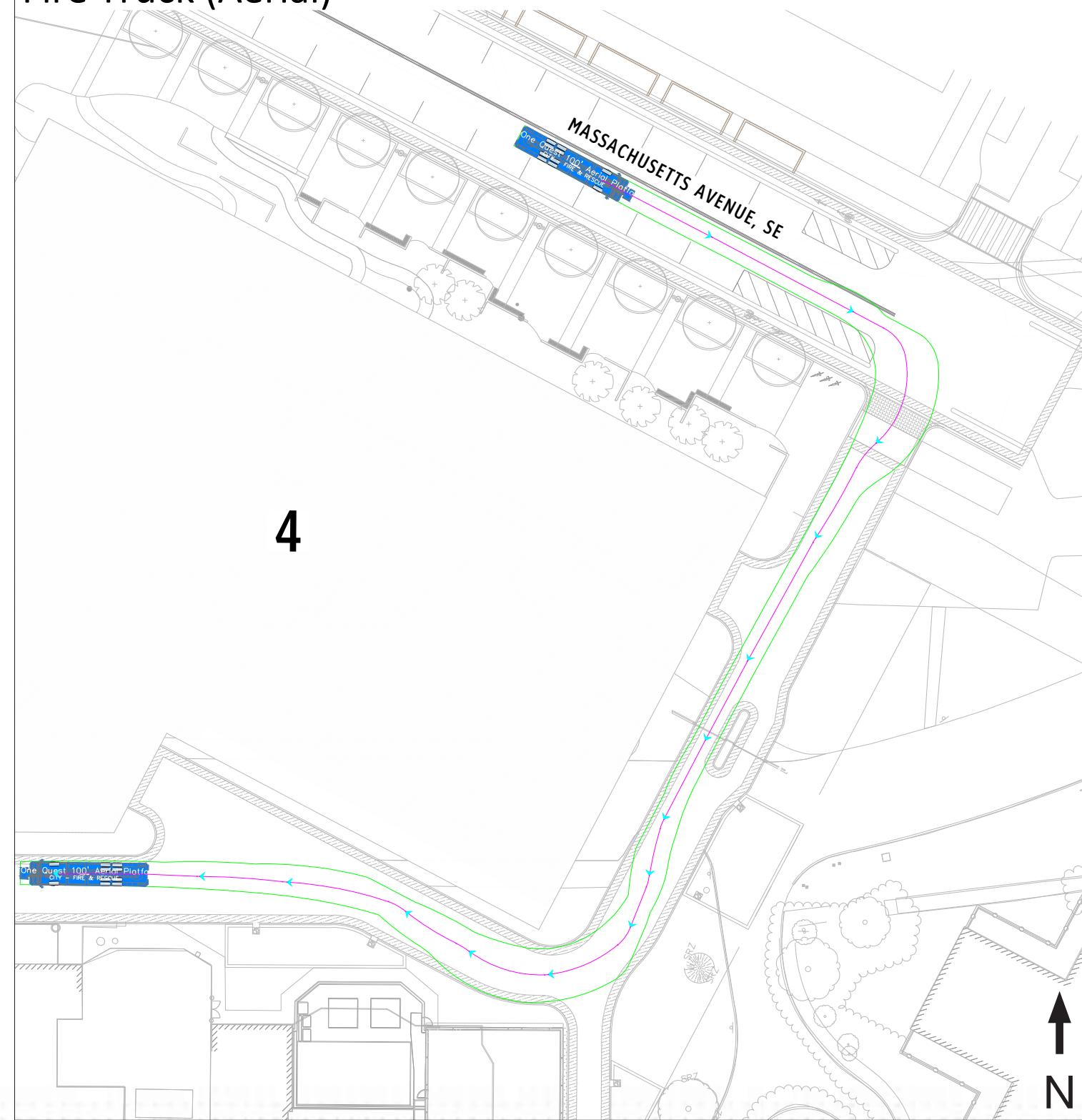
Right Turn from Massachusetts Ave into Site  
S-BUS-36



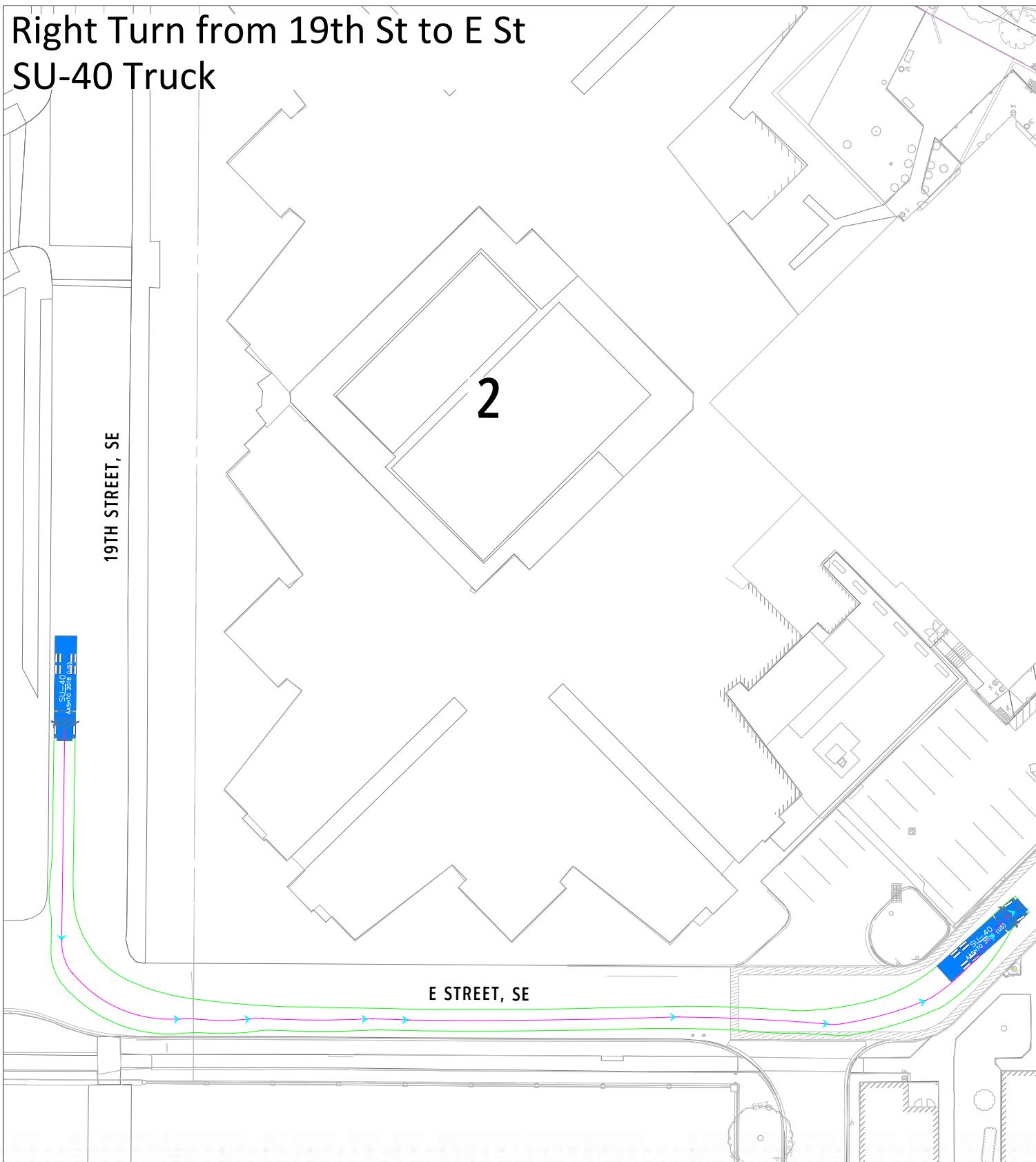
## Right Turn from Massachusetts Ave into Site Fire Truck (Pumper)



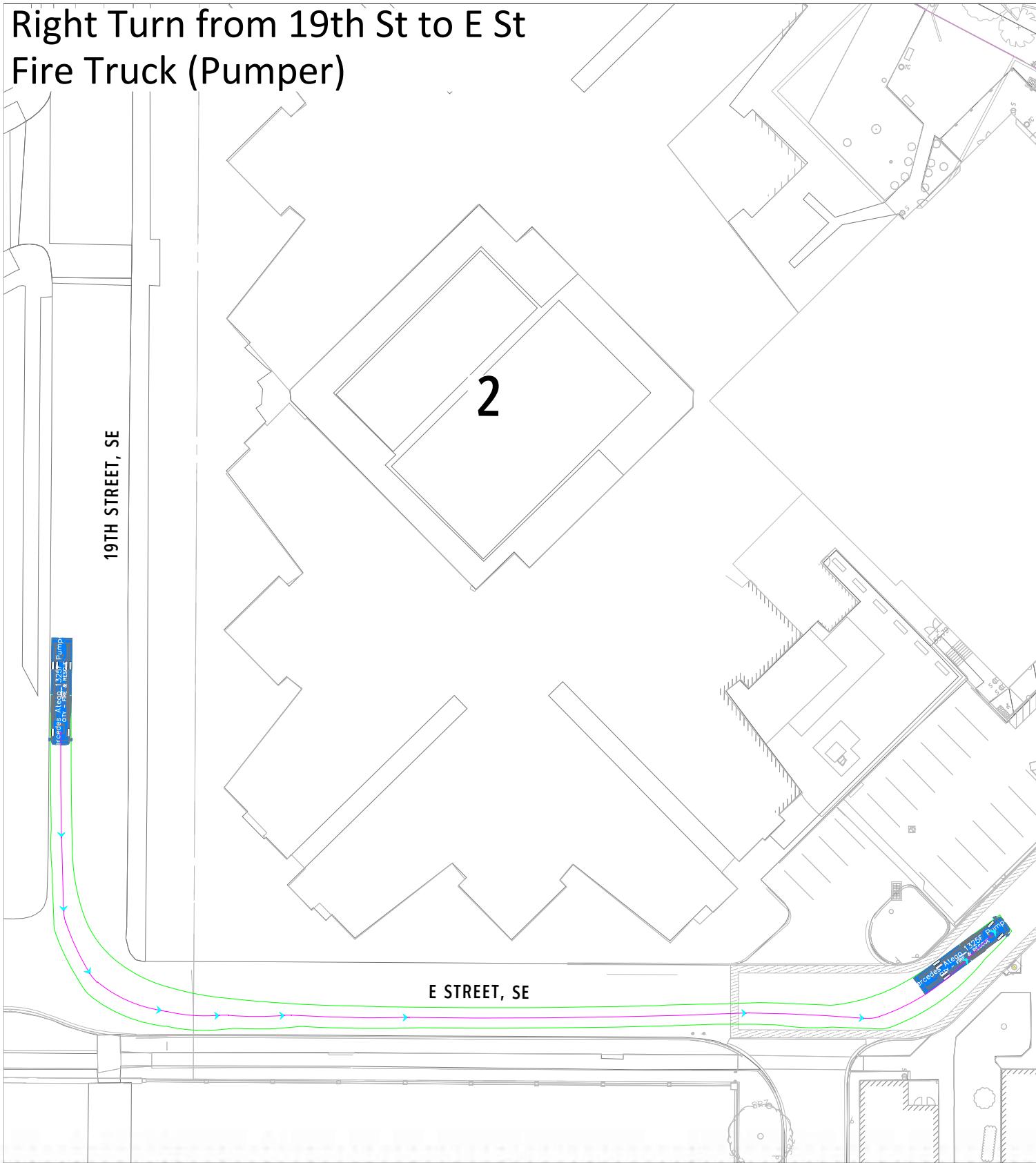
## Right Turn from Massachusetts Ave into Site Fire Truck (Aerial)



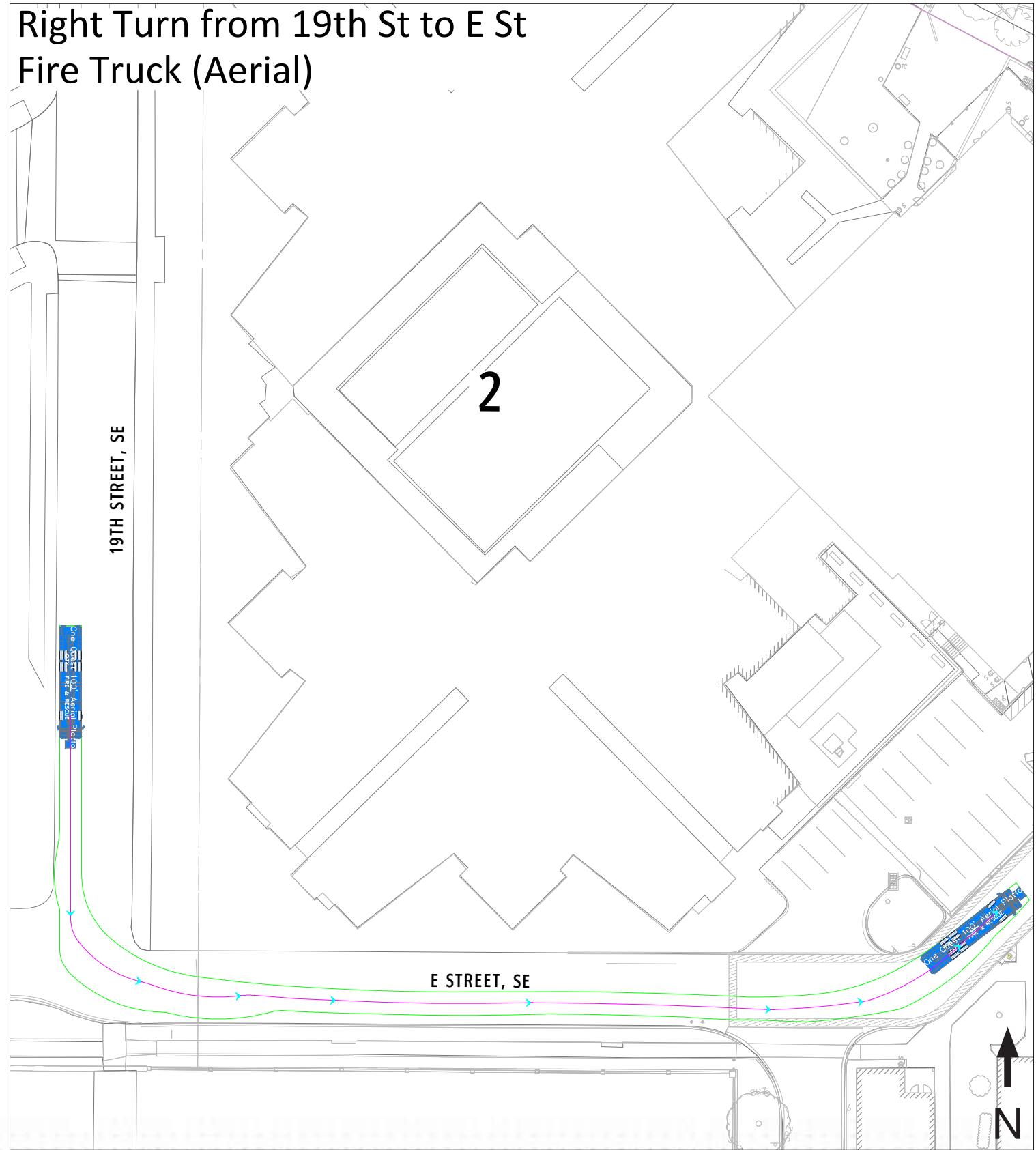
## Right Turn from 19th St to E St SU-40 Truck



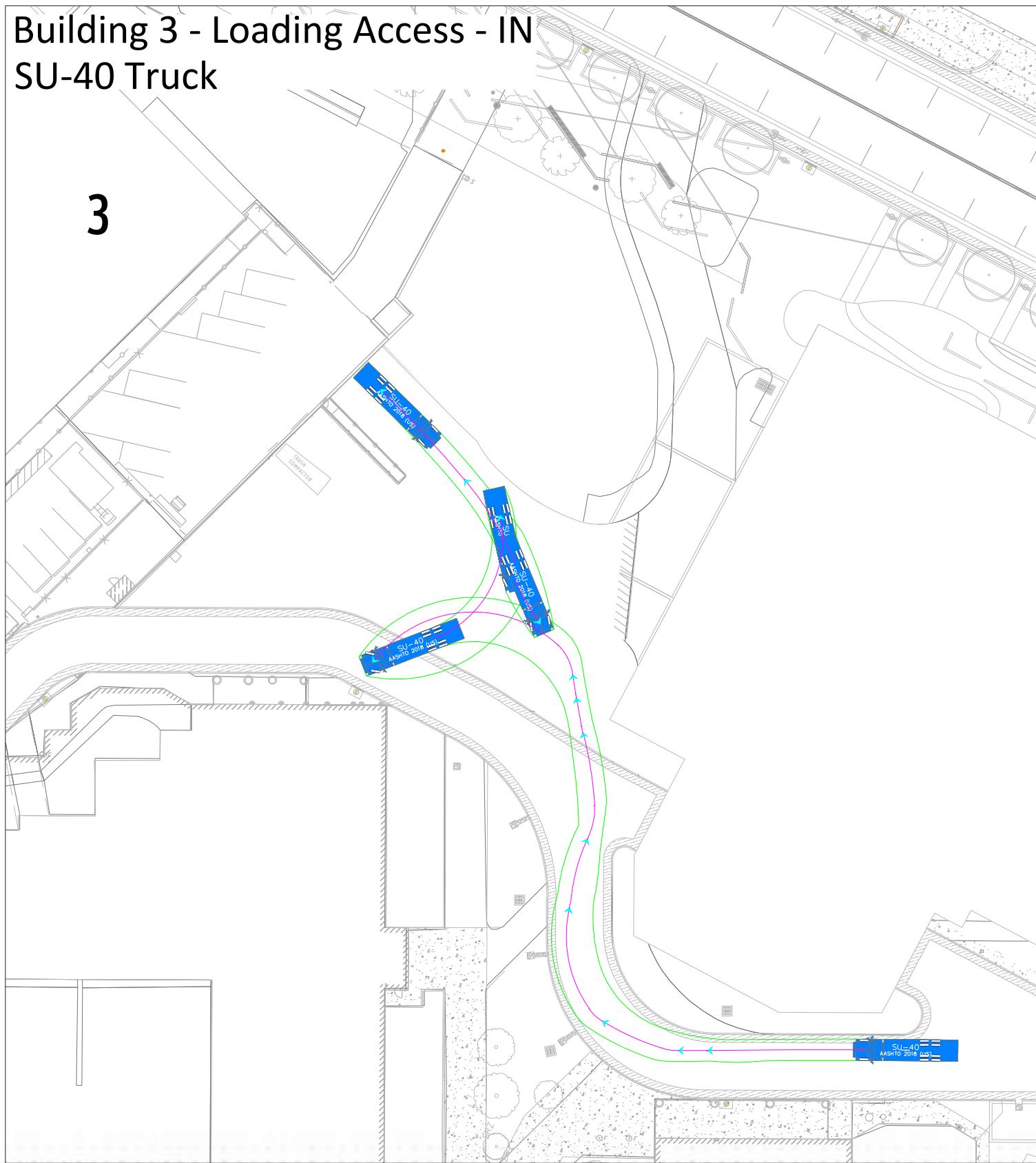
Right Turn from 19th St to E St  
Fire Truck (Pumper)



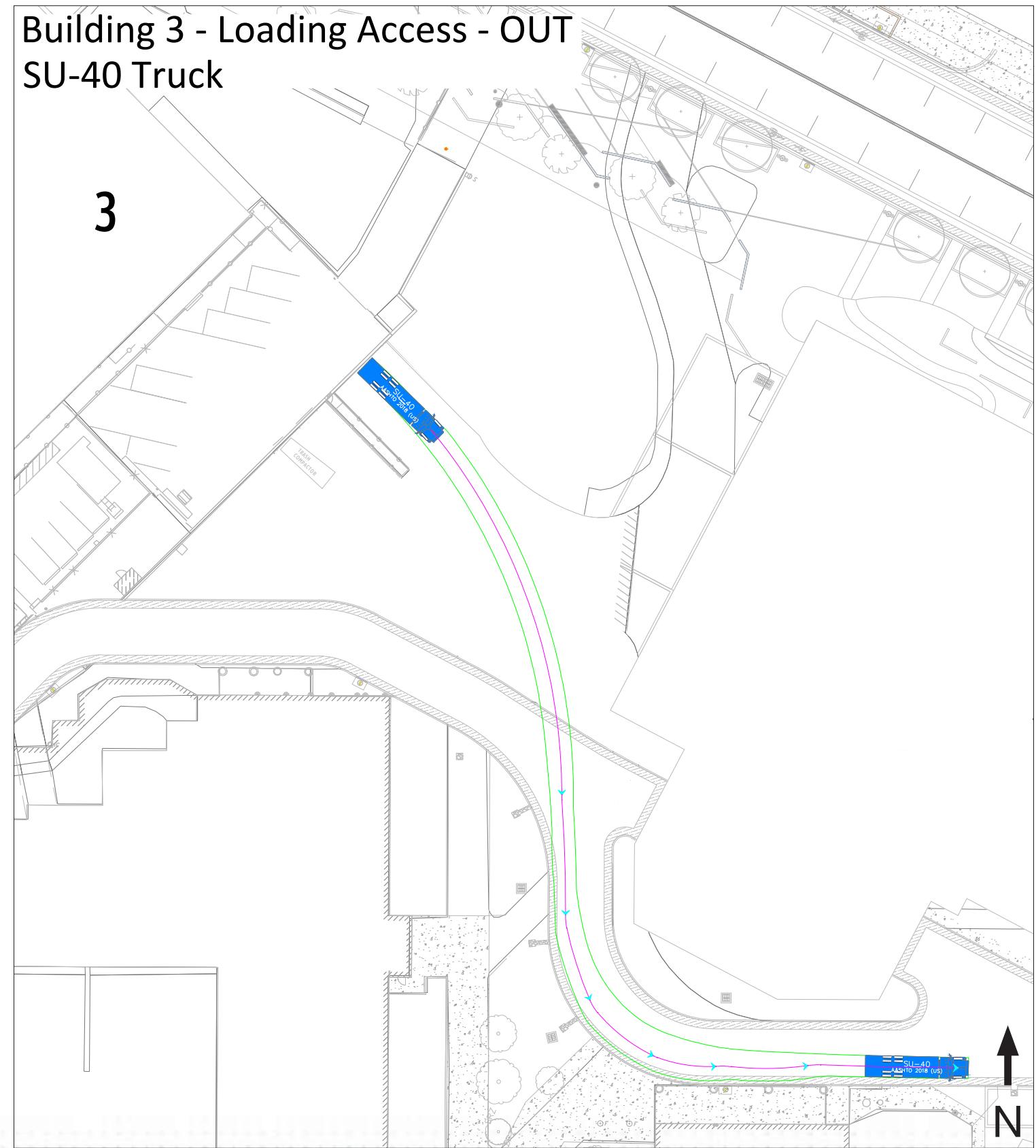
Right Turn from 19th St to E St  
Fire Truck (Aerial)



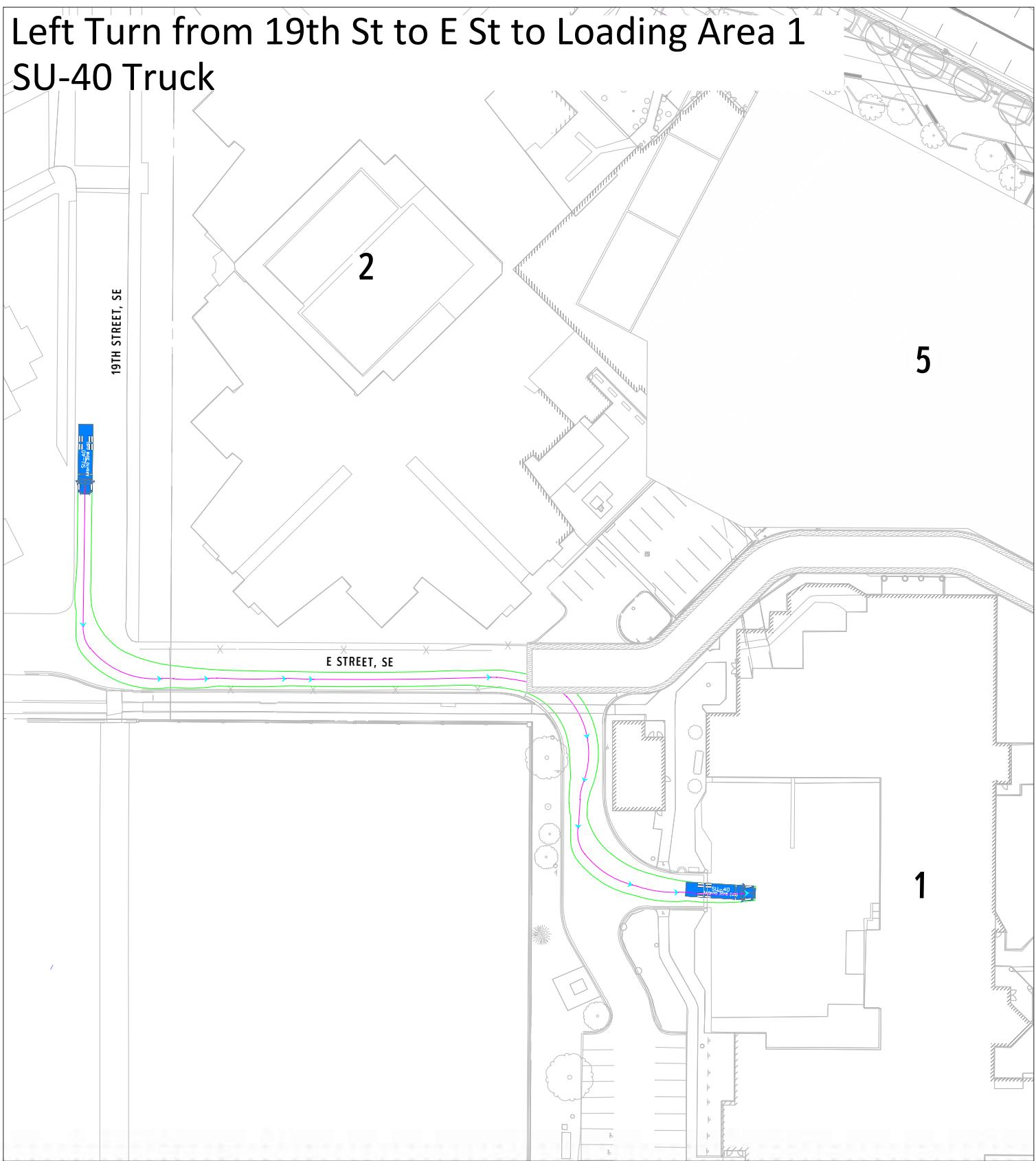
# Building 3 - Loading Access - IN SU-40 Truck



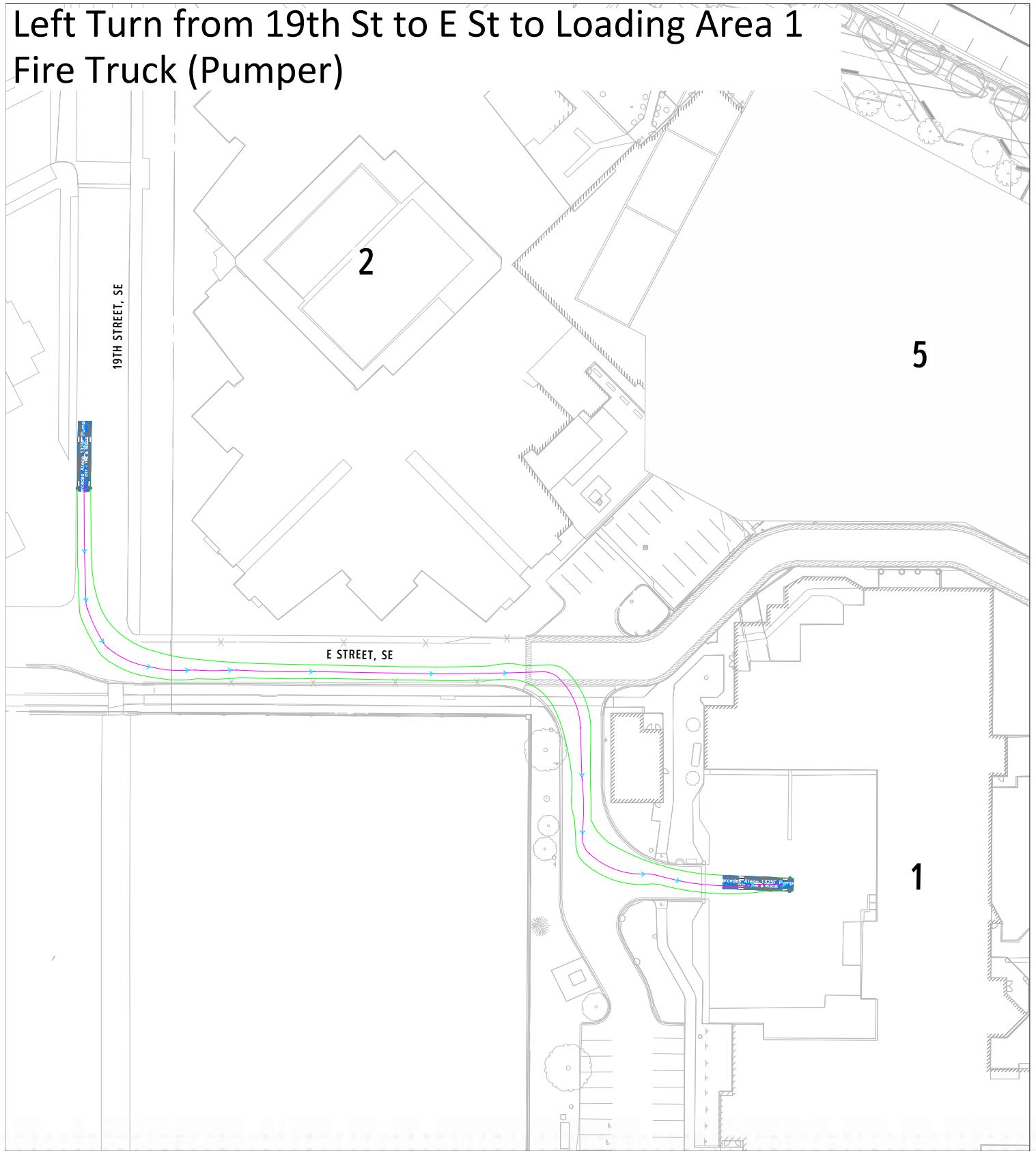
# Building 3 - Loading Access - OUT SU-40 Truck



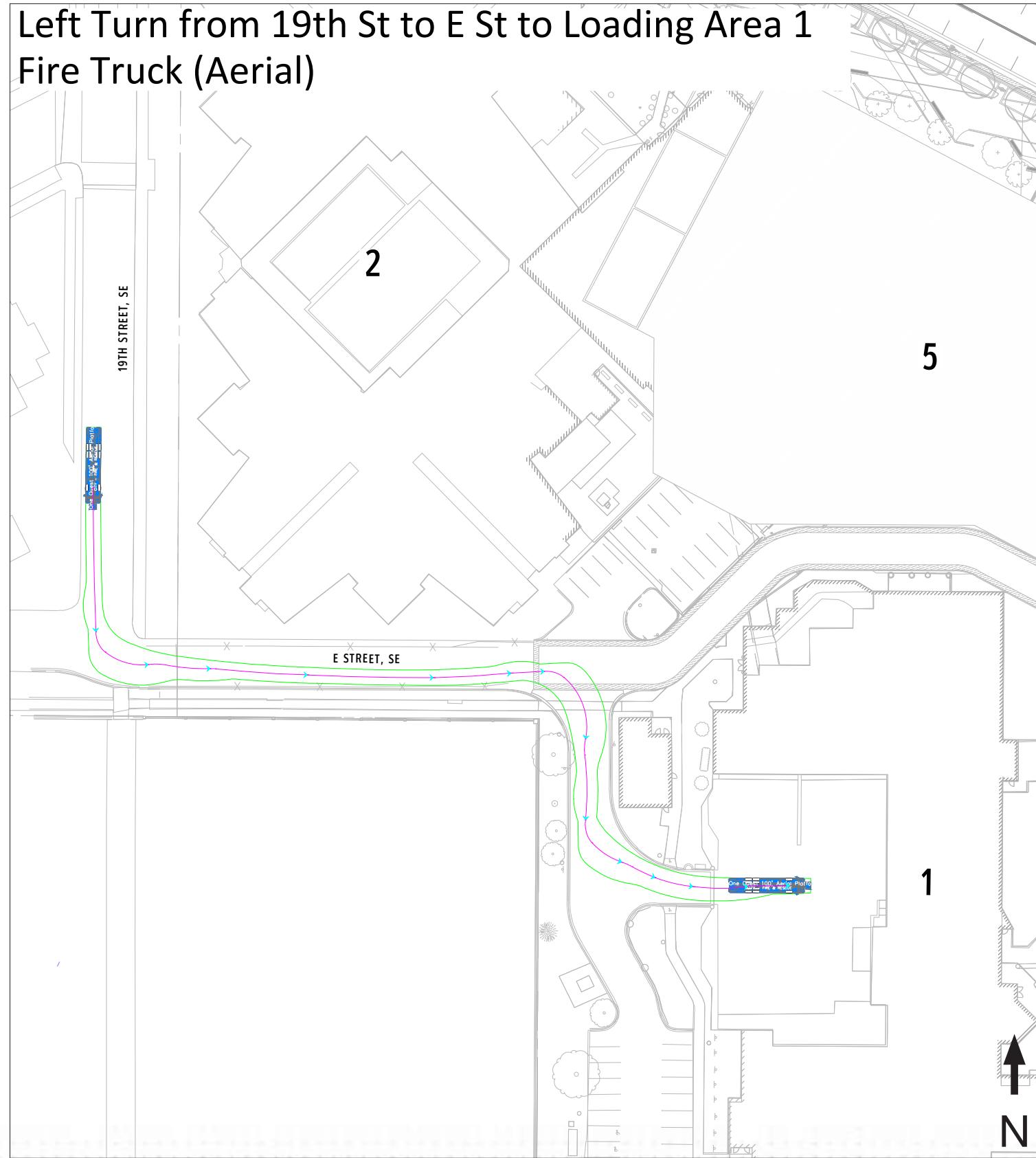
## Left Turn from 19th St to E St to Loading Area 1 SU-40 Truck



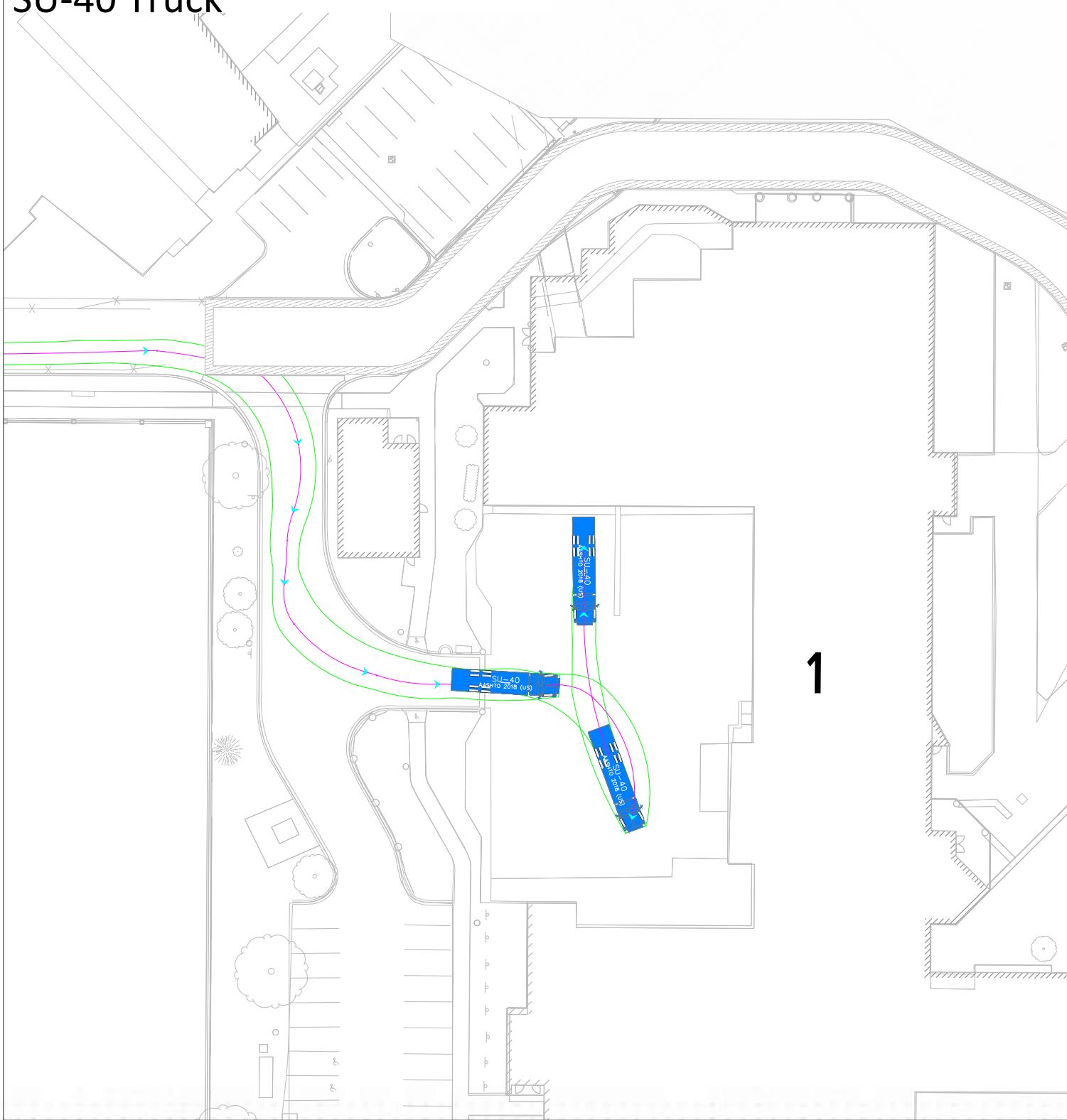
Left Turn from 19th St to E St to Loading Area 1  
Fire Truck (Pumper)



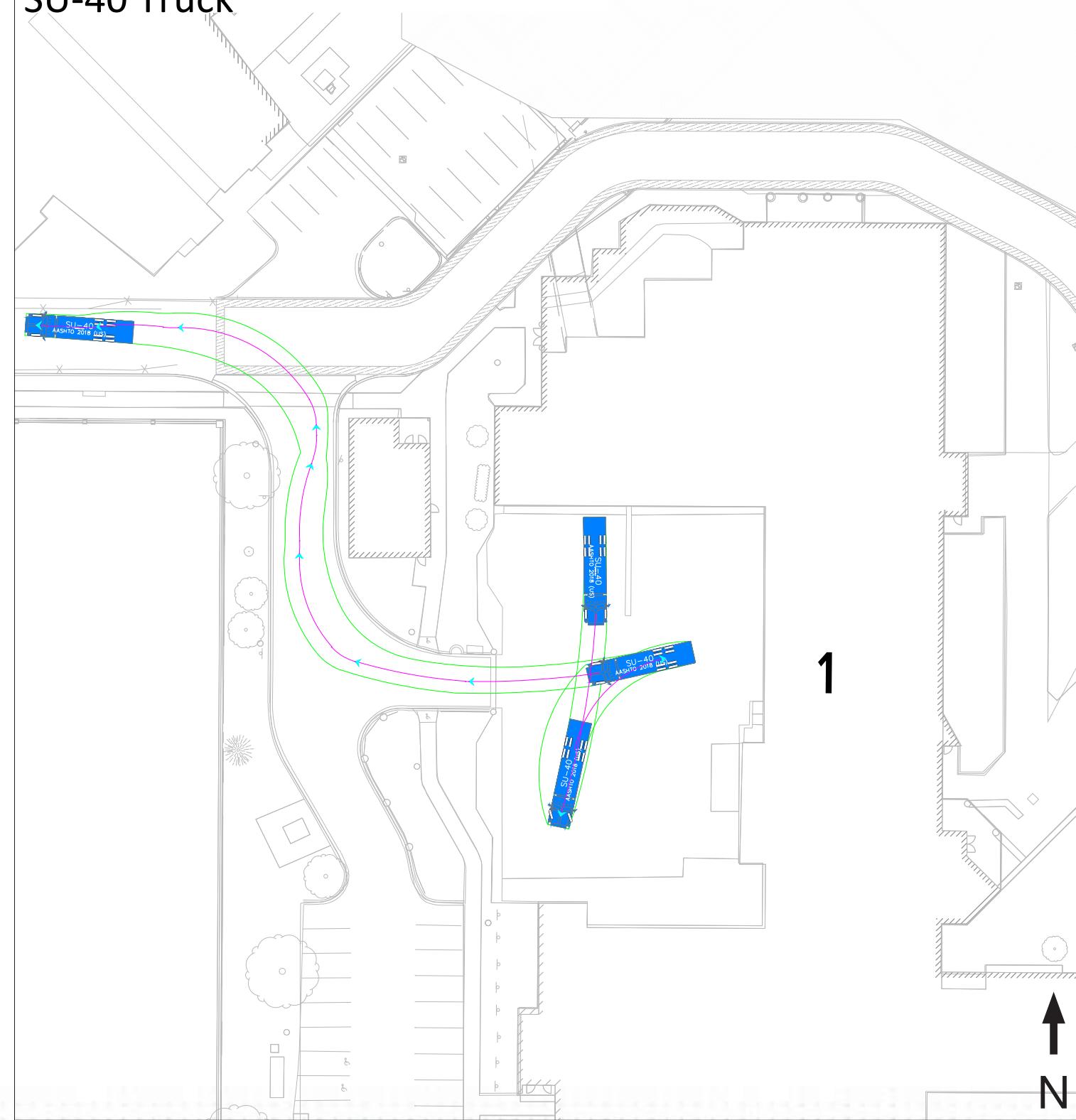
Left Turn from 19th St to E St to Loading Area 1  
Fire Truck (Aerial)



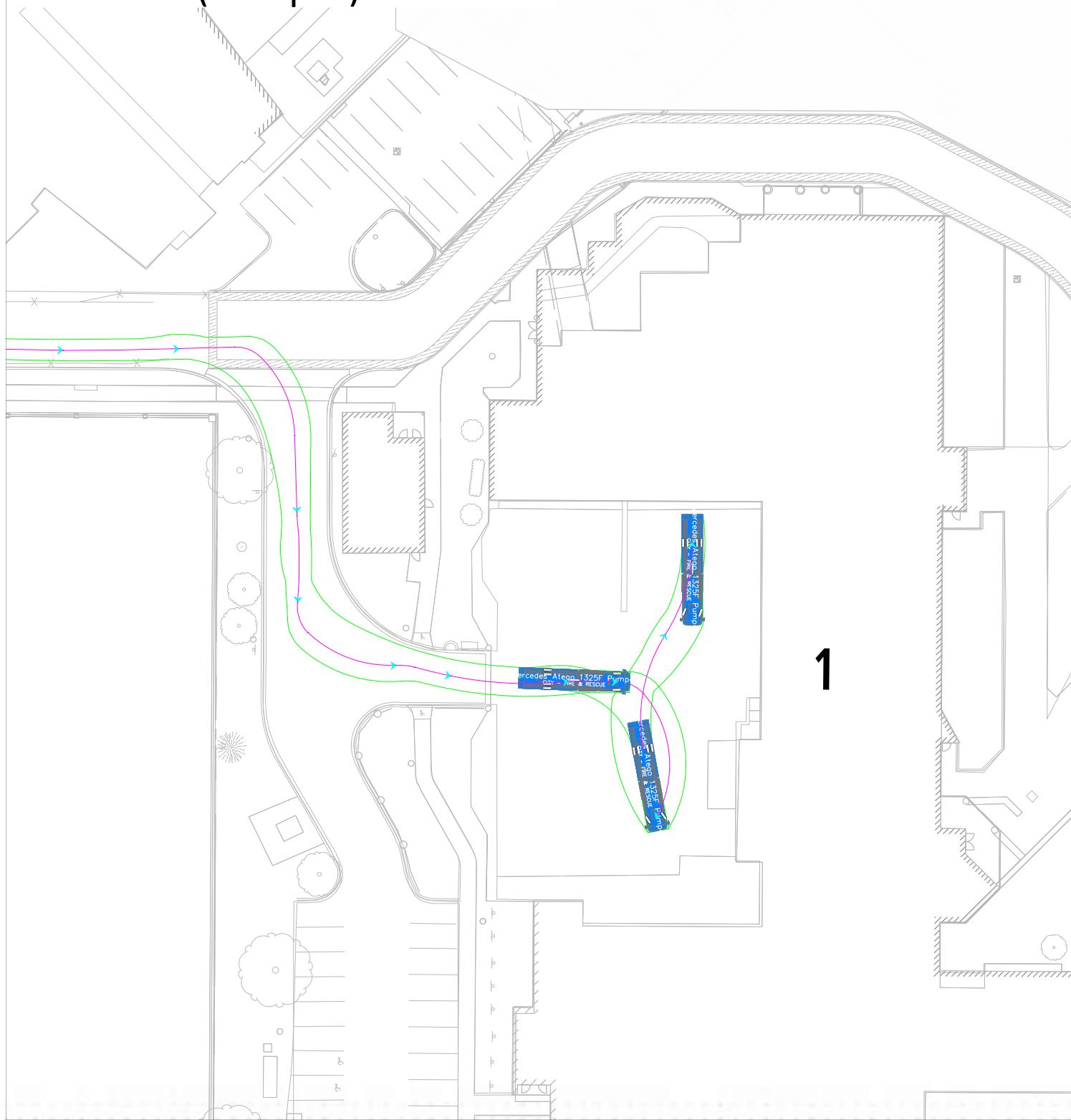
## Building 1 - Loading Access - IN SU-40 Truck



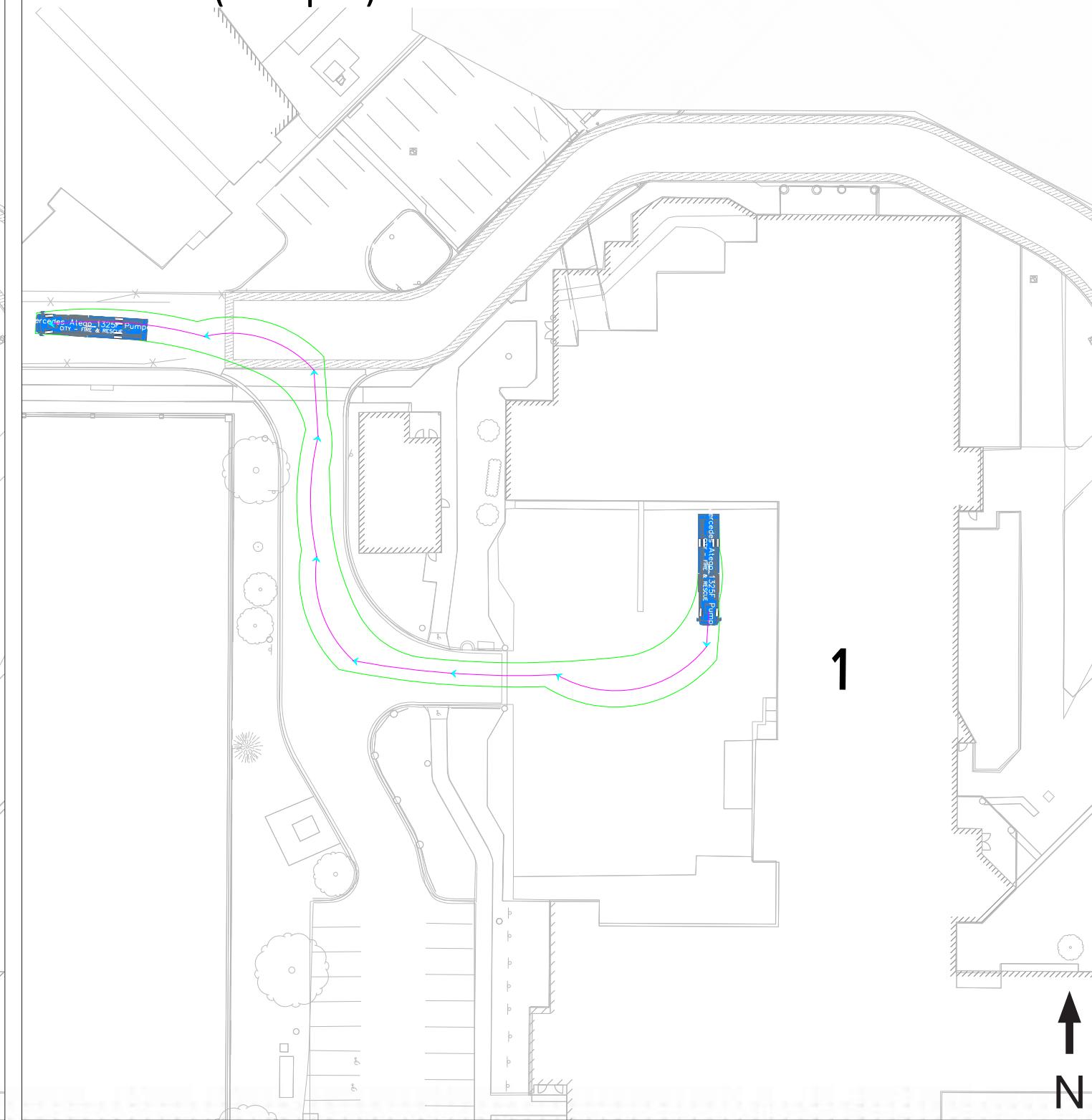
## Building 1 - Loading Access - OUT SU-40 Truck



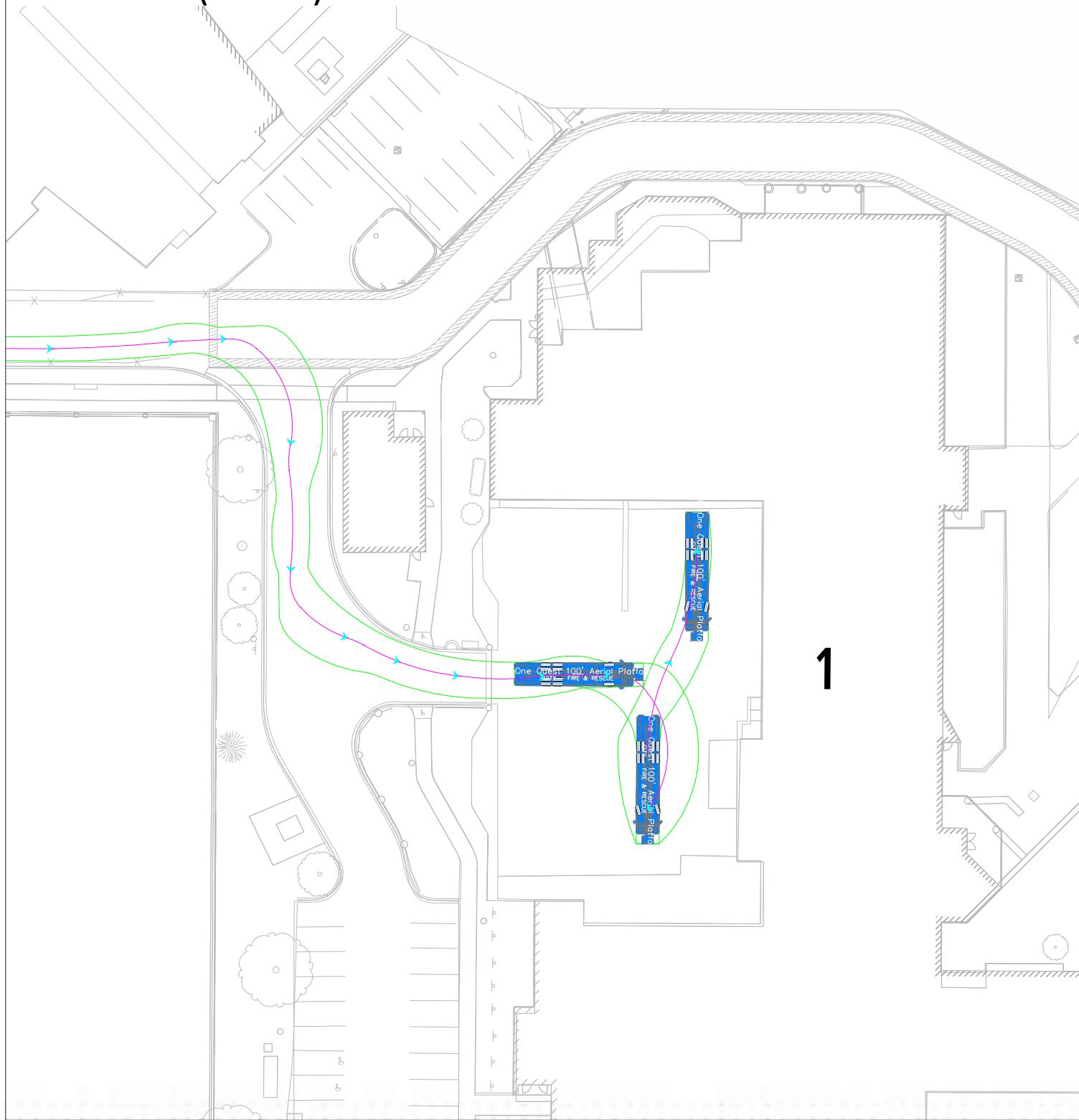
## Building 1 - Loading Access - IN Fire Truck (Pumper)



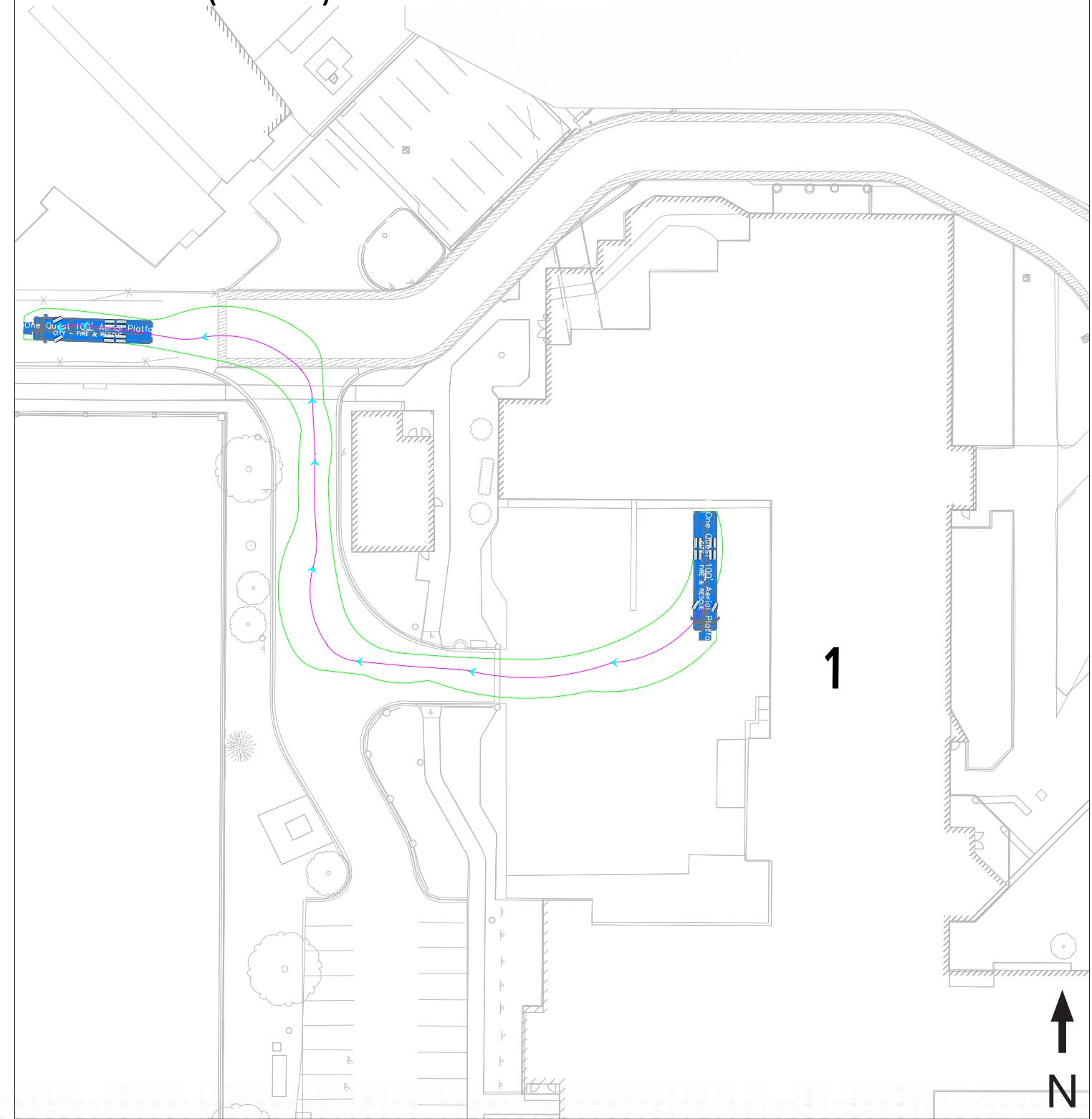
## Building 1 - Loading Access - OUT Fire Truck (Pumper)

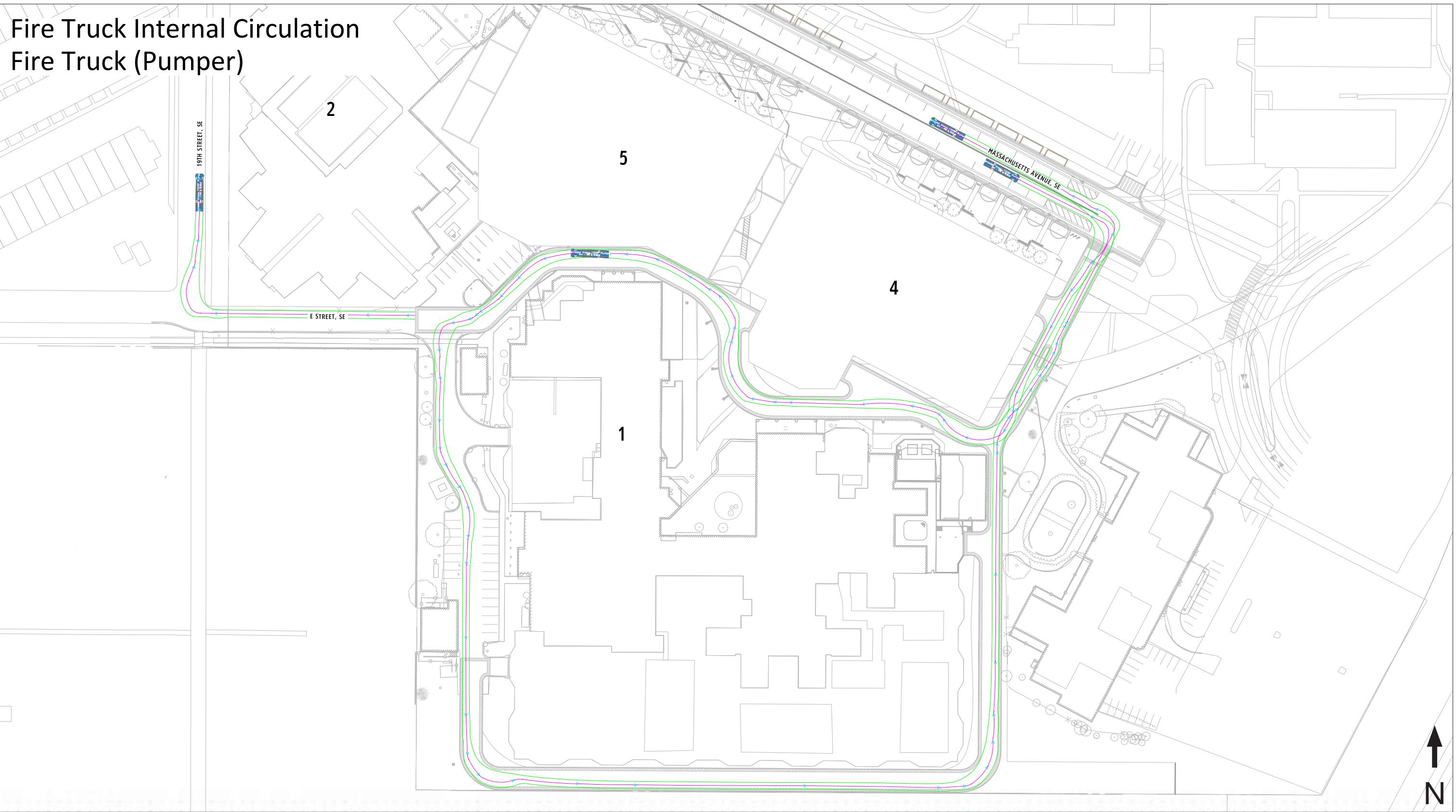


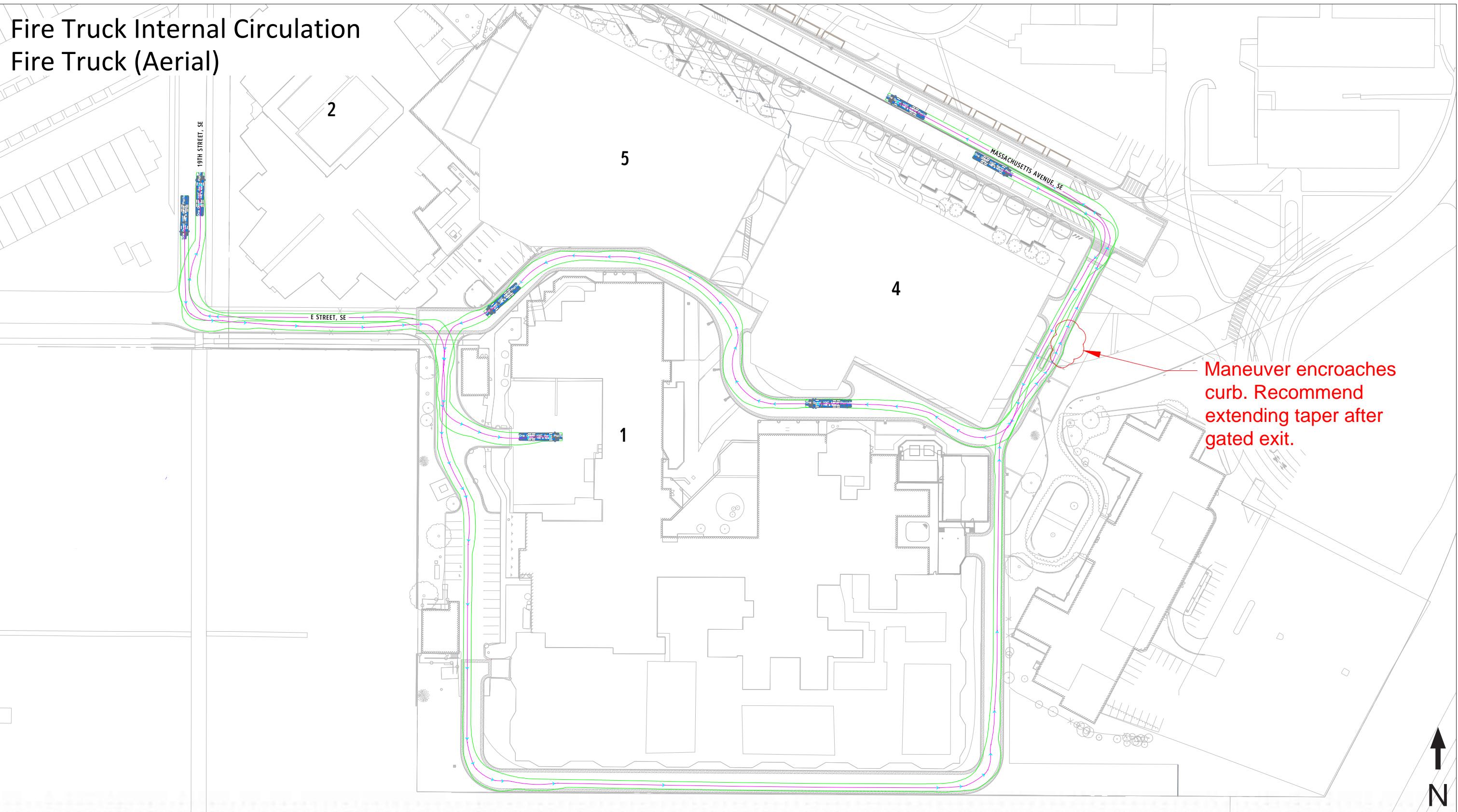
## Building 1 - Loading Access - IN Fire Truck (Aerial)

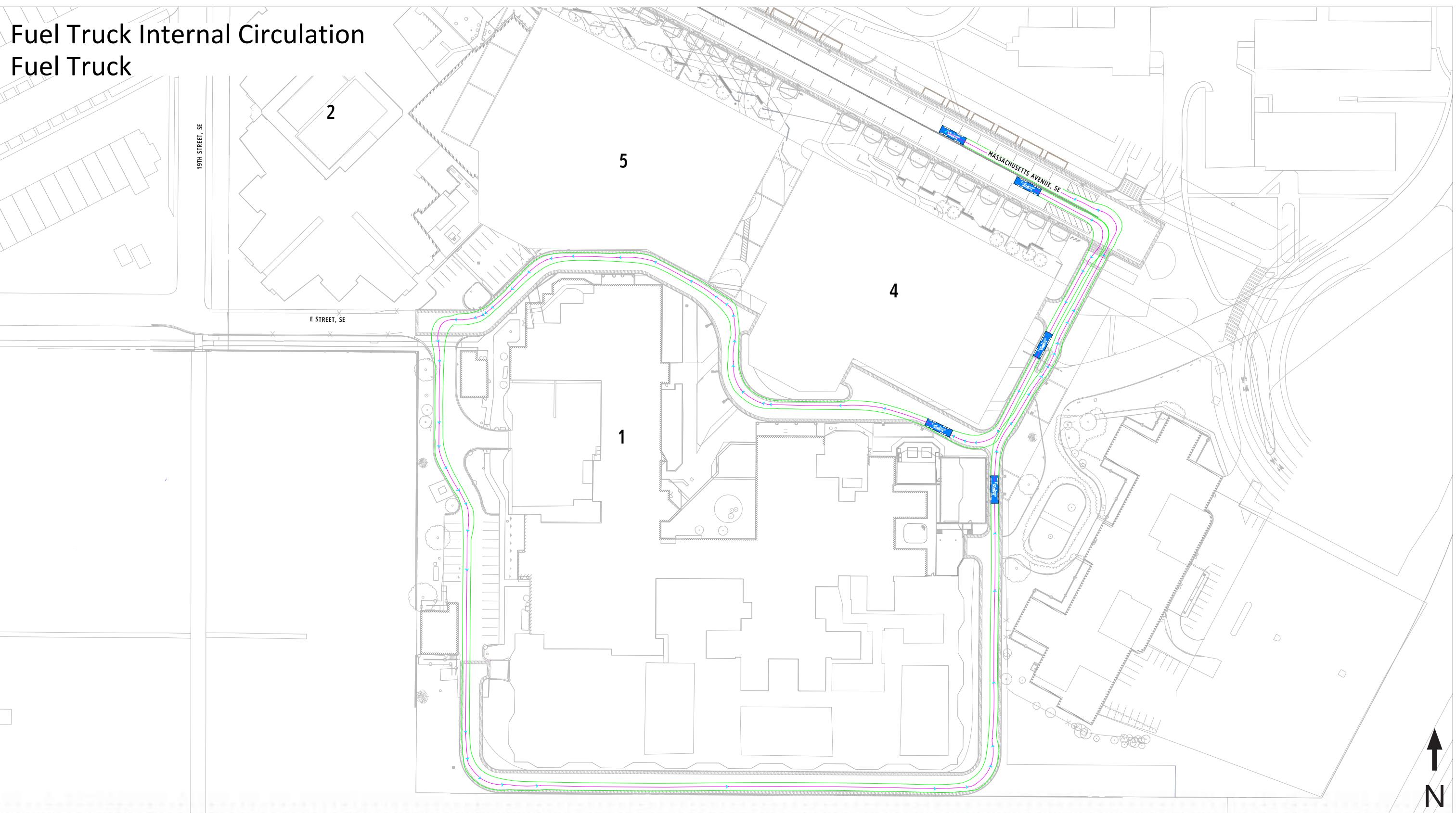


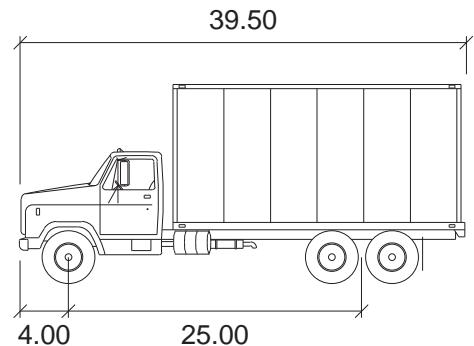
## Building 1 - Loading Access - OUT Fire Truck (Aerial)





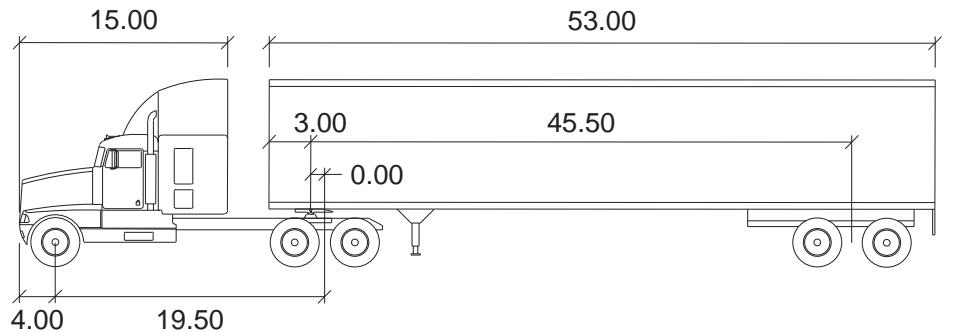






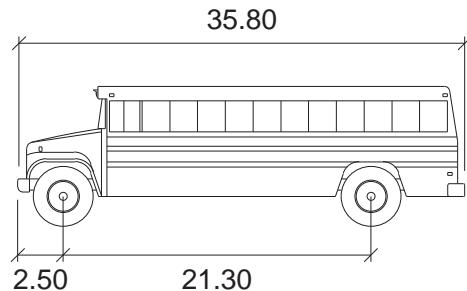
**SU-40**

feet  
 Width : 8.00  
 Track : 8.00  
 Lock to Lock Time : 6.0  
 Steering Angle : 31.8



**WB-67**

feet  
 Tractor Width : 8.00      Lock to Lock Time : 6.0  
 Trailer Width : 8.50      Steering Angle : 28.4  
 Tractor Track : 8.00      Articulating Angle : 75.0  
 Trailer Track : 8.50

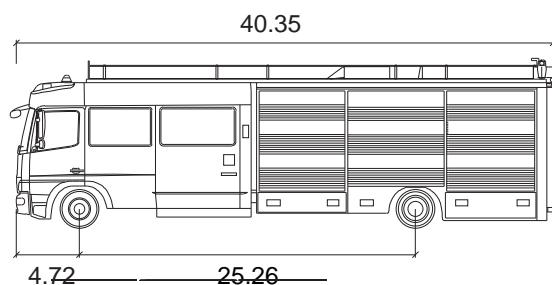


**S-BUS-36**

feet  
 Width : 8.00  
 Track : 8.00  
 Lock to Lock Time : 6.0  
 Steering Angle : 37.6

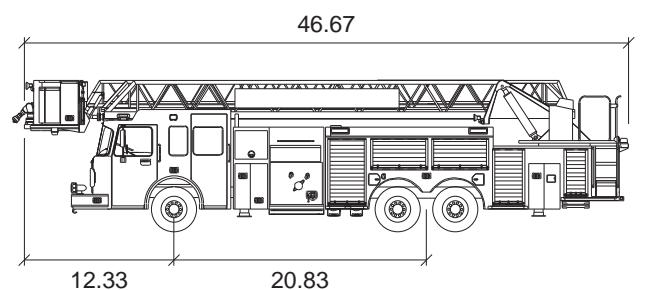
#### AutoTurn Notes:

- AutoTurn is a kinematic model and does not account for inertia
- AutoTurn does not account for weather and/or pavement conditions
- AutoTurn cannot compensate for driver error or experience
- Other drivable paths may achieve the same result(s) shown
- AutoTurn is a conservative model but is not a guarantee of exact real time results
- Successful simulation in AutoTurn does not guarantee that a specific driver can achieve the same pathway
- Vehicle dimensions are for standard sized vehicles, actual vehicle dimensions may vary
- Future changes to the design may impact and/or invalidate the results depicted in this exhibit
- Unless noted, AutoTurn does not account for vertical clearance or grade change.



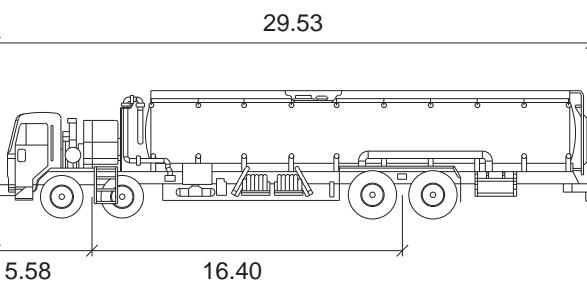
**Mercedes Atego 1325F Pumper**

feet  
 Width : 7.55  
 Track : 7.55  
 Lock to Lock Time : 6.0  
 Steering Angle : 48.4



**E-One Quest 100' Aerial Platform**

feet  
 Width : 8.33  
 Track : 8.33  
 Lock to Lock Time : 6.0  
 Steering Angle : 38.3



**Fuel Truck**

feet  
 Width : 8.20  
 Track : 8.20  
 Lock To Lock Time : 6.0  
 Steering Angle : 39.5