

DAVIDSON PLACE
(PRIVATE STREET)
40' INGRESS-EGRESS ESM'T D.B. 1850 PG. 1138
6.150 ADT

(R/W VARIES)
POSTED SPEED: 45 MPH, DESIGN SPEED: 45 MPH
URBAN MINOR ARTERIAL
22,000 ADT

LEGEND

---	PROPERTY LINE/LEGAL ROW
---	PROPOSED WATER LINE
---	PROPOSED FIRE LANE SIGN

302.01 Fire Lanes:

A. Fire lanes in residential, commercial, institutional and industrial developments shall be designated by the Fire Marshal's Office, and shall be a minimum of twenty (20) feet in width. This dimension shall be measured perpendicular from the painted curb or pavement line. Parking and traffic flow patterns within designated fire lanes shall be as follows:

Width Curb to Curb	STANDARD REQUIREMENTS	
	One-Way Traffic	Two-Way Traffic
20' to 30'	Parking on one side of street	No Parking
30' to 35'	Parallel parking allowed on both sides of street	Parallel parking on one side determined by the Fire Marshal's Office
35' or greater	No fire lane will be established.	No fire lane will be established.

B. A minimum of two (2) signs shall designate fire lanes, one (1) at each end. Additional signs shall be provided at a minimal interval of one hundred (100) feet. Fire lanes may be painted in parking areas where no curb or gutter exists and where posting of a metal sign is not feasible. See construction standards for fire lanes in Section 304.01 of this manual.

C. For short sections of a fire lane (less than 50') where the entire length of the lane is clearly visible, a single sign may be used as designated by the Fire Marshal's Office.

D. Plans for fire lanes shall be submitted to the Fire Marshal's Office for approval before being installed.

304.01. Fire Lane Signs and Painting:

A. Fire lane signs shall be constructed of metal with a dimension of approximately twelve (12) inches by fifteen (15) inches.

B. The sign shall be painted with red letters on a white background with a three-eighths (3/8) inch red trip strip around the entire outer edge of the sign. The lettering on the sign shall read "NO PARKING OR STANDING FIRE LANE," which shall be spaced on the sign face uniformly. Solid arrows shall also be painted on the signs to point to and indicate the designated fire lane. The lettering and arrow on the sign shall be in accordance with Table 3-4.




C. Signs for fire lanes shall be posted at intervals of one hundred (100) feet with the bottom of the sign no less than six (6) feet from the ground, and the top no more than eight (8) feet from the ground, unless otherwise directed by Public Works and the Fire Marshal's Office. Sign posts shall be metal and securely mounted unless permission from the Fire Marshal's Office is obtained prior to installation for an alternative method.

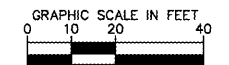
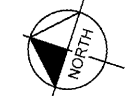
D. Letters at least two (2) feet in height may be painted on the pavement where a fire lane runs through a parking area without curbing adjacent to the fire lane, and where the posting of a metal sign(s) is impractical. The lettering shall read "NO PARKING OR STANDING FIRE LANE."

E. When curbing is provided adjacent to the fire lane, it shall be painted yellow within the limits of the fire lane.

F. When curbing is not provided adjacent to the fire lane, a yellow line shall be painted on the pavement at the edge of the paved surface. A second parallel yellow line shall be painted 2' away from the first line. These two lines shall be connected by diagonal lines at 3' intervals or as approved by the Fire Marshal's Office.

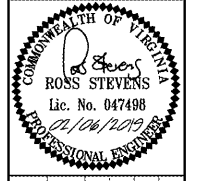
G. Fire lane signs shall be mounted as to be parallel to the travel way.

SIGN TYPES AND DESIGN		
SIGN TYPE "A"	SIGN TYPE "B"	SIGN TYPE "C"
NO PARKING OR STANDING FIRE LANE 	NO PARKING OR STANDING FIRE LANE 	NO PARKING OR STANDING FIRE LANE 
Standard wording with an arrow at bottom pointing to the right. One sign mounted parallel to the line of curbing or pavement edge at end of painted area.	Standard wording with two directional arrows. One sign mounted parallel to the line of curbing or pavement edge at end of painted area.	Standard wording with an arrow at bottom pointing to the left. One sign mounted parallel to the line of curbing or pavement edge at end of painted area.



NO.	REVISIONS	DATE	BY
1	PWC COMMENTS - 1ST ROUND	09/10/2018/CAH	
2	PWC COMMENTS - 2ND ROUND	11/02/2018/CAH	
3	PWC COMMENTS - SIGNATURE SET	02/06/2019/CAH	
4	UTILITY REVISIONS	07/25/2019/CAH	

Kimley»Horn
© 2018 KIMLEY-HORN AND ASSOCIATES, INC.
11400 COMMERCE PARK DR., SUITE 400, RESTON, VA 20191
PHONE: 703-674-1300 FAX: 703-674-1350
WWW.KIMLEY-HORN.COM



KHA PROJECT	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
110499001	02/06/2019	JLM	JLM	RSS
SCALE:	AS SHOWN			

FIRE LANE PLAN

WAWA - SUDLEY ROAD
PREPARED FOR FRONTIER DEVELOPMENT
PRINCE WILLIAM COUNTY, VA