



Lake Stevens Fire &  
Snohomish County Fire District 7  
**Improving Service Together**



October 21, 2019

Sherrie Ringstad  
City of Mill Creek Associate Planner  
Via email: [sringstad@cityofmillcreek.com](mailto:sringstad@cityofmillcreek.com)

Re: 7C's Swim School, Dumas Rd and N Creek Dr, Mill Creek, WA 98012  
Preliminary Plat Fire District Comments

Dear Sherrie:

The Fire District has reviewed the 7C's Swim School binding site plan and has the following comments:

1. Sheet C2.2 – The Hammerhead shown on the drawing does not meet the specifications of the 2015 IFC Appendix D, figure D103.1, 120' Hammerhead.
2. The building construction is indicated to be type V-B, 10,000 square feet. This requires a fire flow of 2,750 gpm for 2 hours per Table B105.1(2) (Note - This can be reduced to 1500 gpm at 20 psi if the building was equipped with an NFPA 13 automatic fire sprinkler system.)
3. Sheet C2.2 – The required number of fire hydrants is 3 per table C102.1 of the IFC, with a spacing of 400' apart. The existing fire hydrant located in the Heatherwood parking lot access, directly across the street from the new access for the pool, would be counted as one of the required hydrants. A new hydrant would be required to be placed in the planter island on the West side of the building. The required fire flow of 2750 gpm needs to be verified by the water purveyor.  
(Note – an NFPA 13 automatic fire sprinkler system installed would reduce this requirement to 1 required hydrant. The new hydrant installed as shown on the East side of the building would meet the IFC requirements. The required fire flow availability of 1500 gpm for this hydrant needs to be verified by the water purveyor.)
4. Sheet C2.2 – The fire apparatus access roadway needs to be marked per the attached design standards.

Yours in public service,

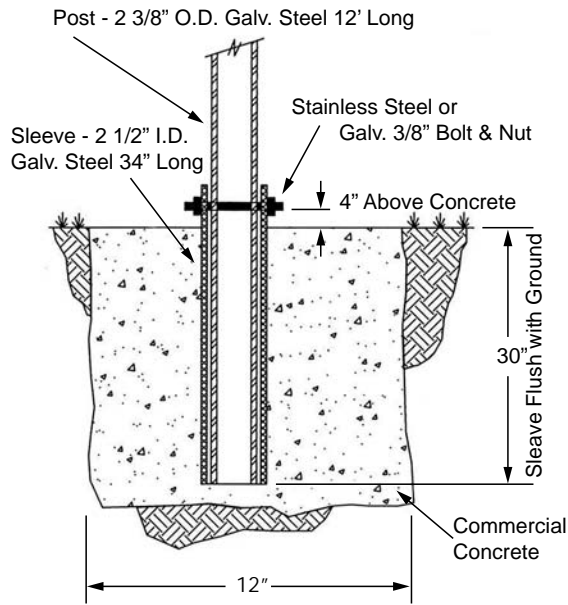


Jason Bowen  
Deputy Fire Marshal  
SCFD 7  
360-805-0338 Option 5  
[jbowen@snofire7.org](mailto:jbowen@snofire7.org)

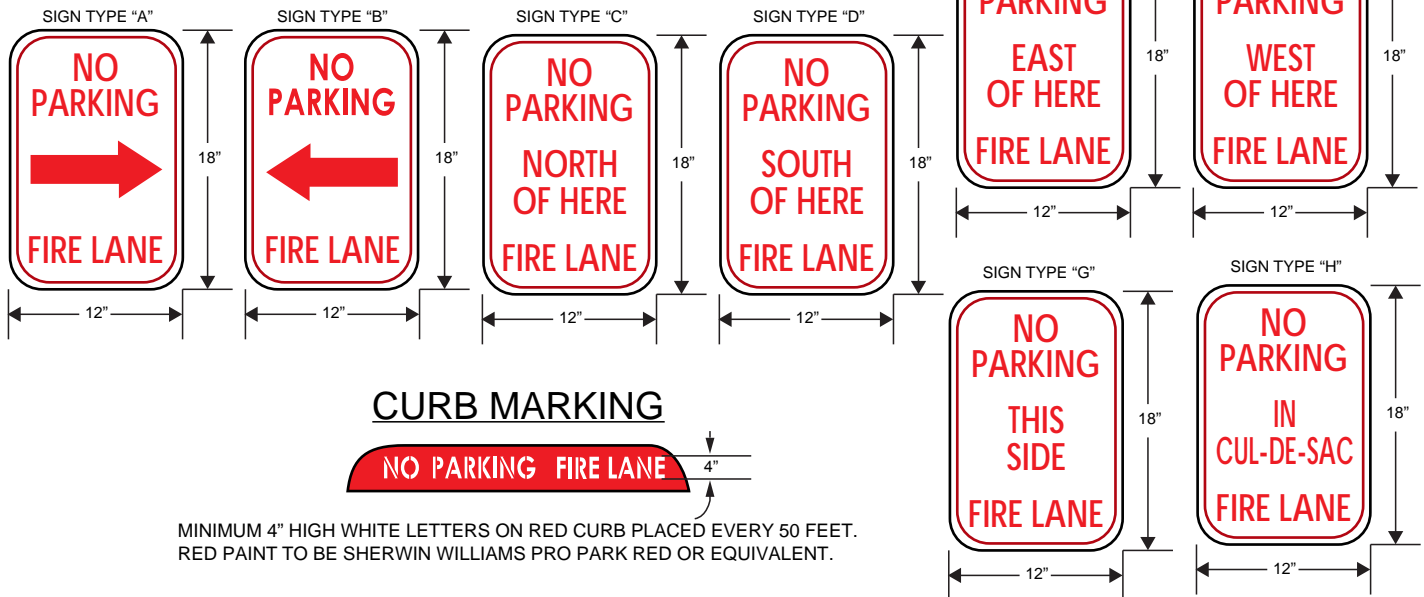
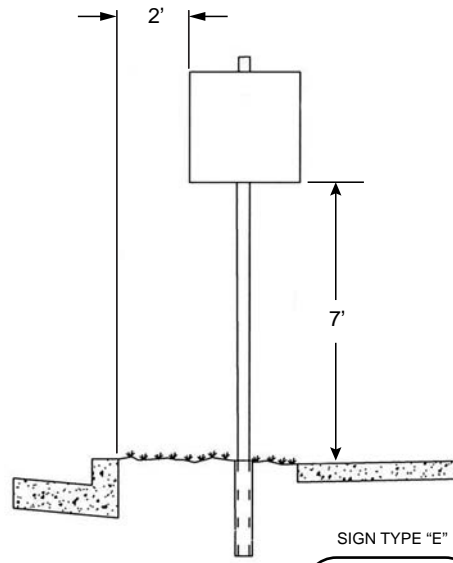
Cc: File

# FIRE LANE SIGNAGE & MARKING & STANDARD SIGN INSTALL

Typical Section



Typical Installation



## NOTES:

1. NO PARKING—FIRE LANE SIGNS SHALL HAVE A MINIMUM DIMENSION OF 12 INCHES (305 MM) WIDE BY 18 INCHES (457 MM) HIGH AND HAVE RED LETTERS AND GRAPHICS ON A WHITE REFLECTIVE BACKGROUND.
2. FIRE LANES ALONG CURBS SHALL BE MARKED WITH EITHER SIGNAGE, OR RED-PAINTED CURBS, OR BOTH.
3. A FIRE LANE IS REQUIRED FOR ALL ROADWAYS WITH A TOTAL, UNDIVIDED TRAVEL LANE WIDTH OF < 32 FEET.
4. ROADWAYS < 26 FEET WIDE SHALL BE MARKED AS FIRE LANES ON BOTH SIDES OF THE ROADWAY.
5. ROADWAYS > 26 FEET WIDE AND < 32 FEET WIDE SHALL BE MARKED AS A FIRE LANE ON ONE SIDE OF THE ROADWAY.
6. PORTIONS OF ROADWAYS WHERE THERE IS < 36" LATERAL CLEARANCE TO A FIRE HYDRANT OR FIRE DEPARTMENT CONNECTION SHALL BE MARKED AS A FIRE LANE 15 FEET IN BOTH DIRECTIONS FROM SUCH APPLIANCE.
7. WHERE RED-PAINTED CURBS ARE USED TO IDENTIFY FIRE LANES, SUCH PAINT SHALL EXTEND THE ENTIRE CURB LENGTH OF SUCH DESIGNATED FIRE LANE.
8. WHERE SIGNAGE IS USED TO IDENTIFY FIRE LANES, AND SUCH FIRE LANE EXCEEDS 50 FEET IN LENGTH, INTERMEDIATE FIRE LANE SIGNS SHALL BE PLACED EVERY 50 FEET.
9. TYPE 'A' AND TYPE 'B' FIRE LANE SIGNS SHALL BE PLACED PARALLEL TO THE ROAD EDGE TO WHICH THEY APPLY. UNLESS DIRECTLY DIFFERENTLY, ALL OTHER FIRE LANE SIGNS SHALL BE PLACED PERPENDICULAR TO THE ROADWAY.

	DESCRIPTION <b>FIRE LANE SIGNAGE &amp; MARKING</b>		DESIGNATION <b>FIRE LANE</b>
	SCALE NOT TO SCALE	REVISED JANUARY 17, 2018	