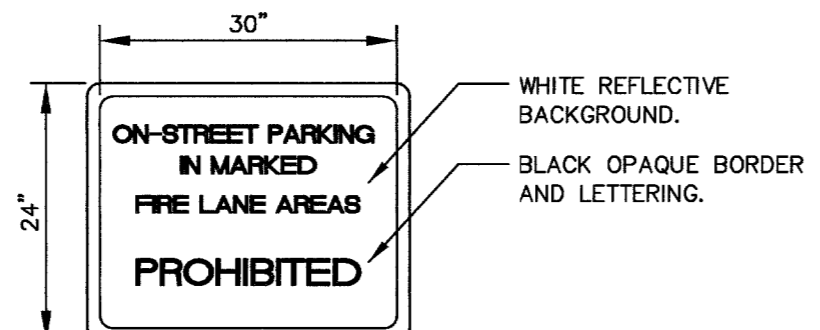
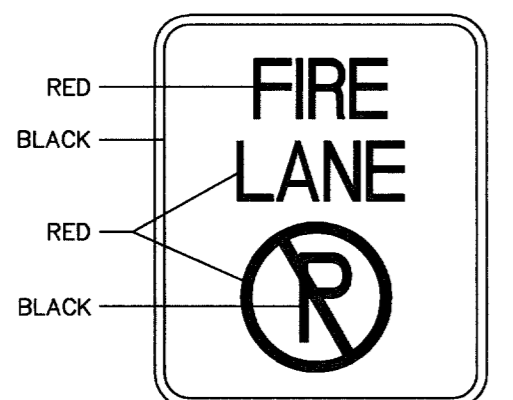


MINIMUM SPECIFICATIONS OF "NO PARKING - FIRE LANE" SIGNS  
NO MORE THAN TEN (10) FEET FROM GROUND LEVEL.



**LEGEND:**  
 - PROPOSED FIRE/EMERGENCY VEHICLE TRAVEL PATH.  
 - PAINT CURB RED WITH "NO PARKING - FIRE LANE" IN WHITE BLOCK LETTERING. LETTERING TO NOT BE LESS THAN 4" IN HEIGHT WITH A STROKE OF NOT LESS THAN 3/4" EVERY 50' TO FIT CURB.  
 (N) PAINTED WHITE BLOCK LETTERING - "NO PARKING FIRE LANE" (NOT LESS THAN 4 INCHES IN HEIGHT WITH A STROKE OF NOT LESS THAN 3/4 INCH EVERY 50' TO FIT CURB)

- 1 FIRE TRUCK TURNING RADIUS N.T.S.
- 2 FIRE LANE SIGNAGE N.T.S.
- 3 ENTRANCE WARNING SIGN DETAIL N.T.S.

**FIRE FLOW CALCULATIONS:**  
\* DENOTES WORST CASE

	BUILDING #1	*BUILDING #2	BUILDING #3
FIRE FLOW REQUIREMENT	1500	1500	1500
20 PSI RESIDUAL PRESSURE (RPM):			
SQUARE FOOTAGE (SQ FT):	5000	6062	2513
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS (SQ FT):	N/A	N/A	N/A
BUILDING HEIGHT (FT):	24'-6"	26'	25'-9"
NUMBER OF STORIES:	1	1	1
TYPE OF CONSTRUCTION:	VB	VB	VB
OCCUPANCY:	M	M	A2
HIGH PILED STORAGE:	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_  
Las Vegas Fire Dept.

**BENCHMARK:**  
CITY OF LAS VEGAS VERTICAL CONTROL POINT "0LV90 17NES", BEING A RIVET PLATE IN THE TOP OF CURB AT THE SOUTHWEST CORNER OF GRAND TETON AND DURANGO.  
ELEVATION: 2539.74 (FEET)  
774.1140 (METERS)  
CITY OF LAS VEGAS VERTICAL CONTROL v.2003 BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

**BASIS OF BEARINGS:**  
NORTH 00°05'38" EAST, BEING THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 8, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN IN FILE 86 OF SURVEYS, AT PAGE 75, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

**SAFETY ALERT**  
 Call before you dig  
 1-702-455-7511  
 CLARK COUNTY TRAFFIC OPERATIONS  
 1-702-229-6611  
 LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

Call before you dig  
 1-800-227-2600

Call before you dig  
 1-702-227-2929

Call before you dig  
 1-800-227-2600

AVOID HITTING UNDERGROUND AND STREET LIGHTS. IT'S COSTLY.  
 CALL BEFORE YOU DIG UNDERGROUND.

CLAYTON L. NEILSEN  
 CIVIL  
 EXP: 12/31/07  
 No. 14132

LEGEND	CL OR SURVEY LINE	EASEMENT LINE	DEMO. SURFACE	MANHOLES & DESCRIPTIONS	CAP	DESCRIPTION:	BO VALVE	CLEAN OUT	FDC	FIRE HYDRANT	GATE VALVE	REDUCER	100w HPS STREETLIGHT	150w HPS STREETLIGHT	200w HPS STREETLIGHT	250w HPS STREETLIGHT	400w HPS STREETLIGHT	5' CONTOUR LINE	1' CONTOUR LINE	EDGE OF P.W.M.T.	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	FENCES	SPOT ELEVATIONS	SIGNS
	---	---	---	⊙ = SANITARY SEWER ⊙ = ELECTRICAL ⊙ = STORM DRAIN ⊙ = TELEPHONE	---	EXISTING: PROPOSED:	⊕ ⊕	○ ○	● ●	⊙ ⊙	⊕ ⊕	▶ ▶	○ ○	○ ○	○ ○	○ ○	○ ○	---(2210)---	---2211---	--- --- ---	--- ---	--- ---	--- ---	--- ---	---(12.34)--- 12.34 BC BC	--- ---

**Nevada By Design**  
 ENGINEERING CONSULTANTS  
 3515 East Horizon Avenue  
 Las Vegas, NV 89119  
 Phone: (702) 886-0550 - Fax: (702) 886-0500  
 www.nvbydesign.com

PROJECT: DURANGO/GRAND TETON SHOPPING CENTER  
 DRAWING TITLE: FIRE CONTROL PLAN

DESIGNED BY: JDA  
 CHECKED BY: CLN  
 SCALE: 1" = 30'  
 JOB NUMBER: 05432  
 DATE: 2/28/07

SHEET NO.: **C7.00**  
 SHEET 9 OF 18  
 JOB CONTROL NUMBER: 107V4875