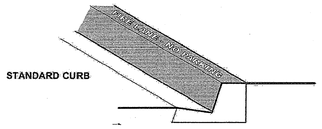
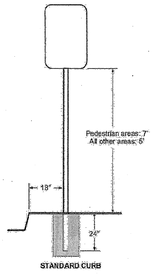
Fire Lane Identification – Red Curbs



DETAIL A
RED CURB MARKING
NOT TO SCALE

Mounting Specifications for
Fire Lane Entrance and No Parking Signs



Signs shall be mounted facing the direction of vehicular travel.

Signs may be mounted on existing posts or buildings where the centerline of the sign is no more than 24" from the edge of the roadway.

Depth of bury shall be a minimum of 24".

DETAIL B
MOUNTING SPECIFICATIONS FOR FIRE LANE ENTRANCE AND NO PARKING SIGNS

Specifications for
Fire Lane Entrance Signs
To be used only at vehicle entry points
to areas that contain "Fire Lane—No Parking" signs or red curbs

All sign and lettering dimensions shown are minimums.

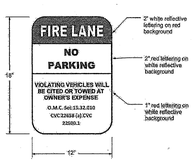
This sign shall be posted at all vehicle entrances to areas marked with either red curbs or fire lane "No Parking" signs.

Signs shall be securely mounted facing the direction of travel and clearly visible to oncoming traffic entering the designated area. Signs shall be made of durable material.

Towing company contact information is required for all properties with a standing written agreement for services with a towing company per the California Vehicle Code.

DETAIL C
FIRE LANE ENTRANCE
SIGN
NOT TO SCALE

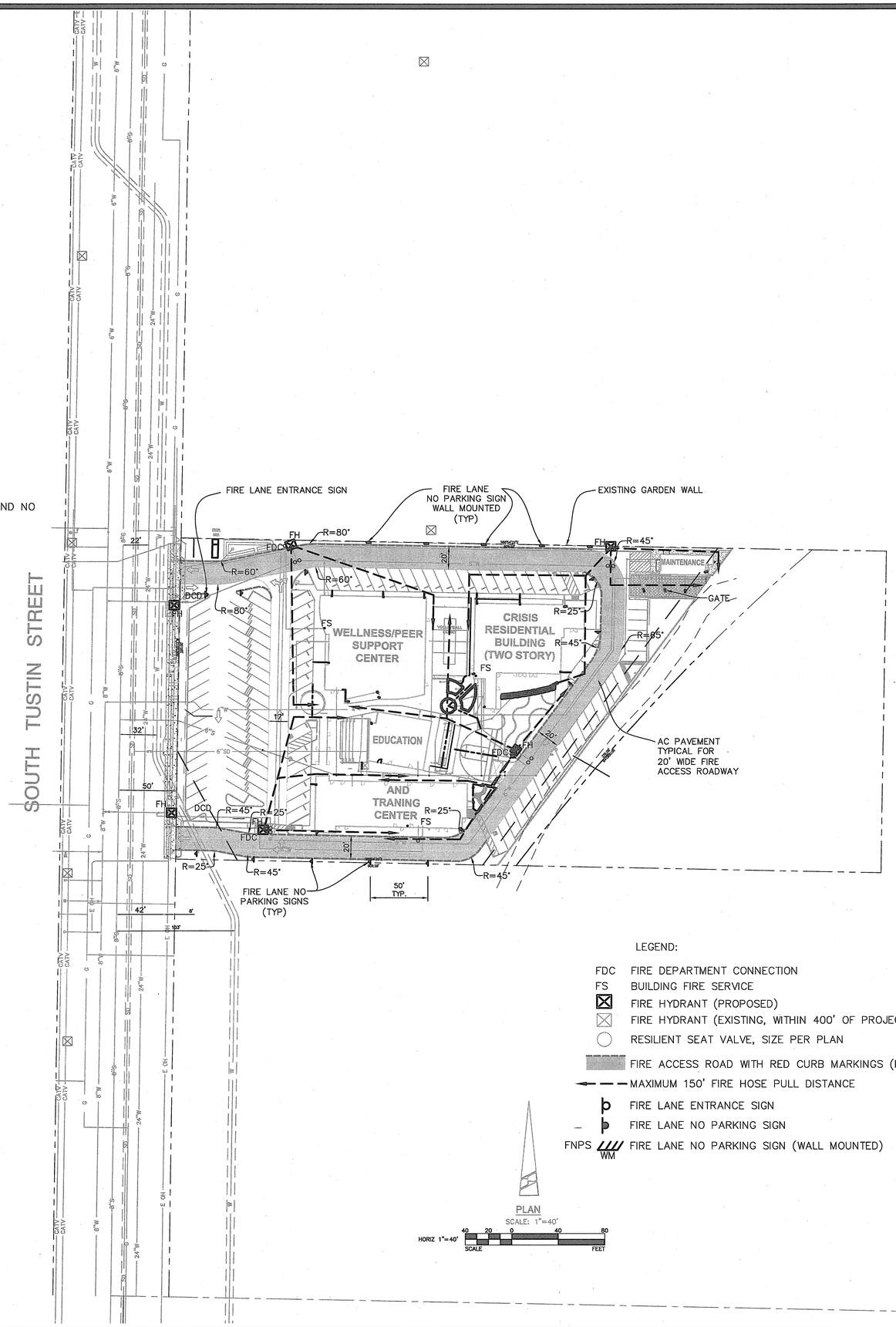
Specifications for
Fire Lane No Parking Signs



All sign and lettering dimensions shown are minimums.

Signs shall be securely mounted facing the direction of travel and clearly visible to oncoming traffic entering the designated area. Signs shall be made of durable material and installed per detail B hereon.

DETAIL D
FIRE LANE NO PARKING SIGN



LEGEND:

- FDC FIRE DEPARTMENT CONNECTION
- FS BUILDING FIRE SERVICE
- FIRE HYDRANT (PROPOSED)
- FIRE HYDRANT (EXISTING, WITHIN 400' OF PROJECT)
- RESILIENT SEAT VALVE, SIZE PER PLAN
- FIRE ACCESS ROAD WITH RED CURB MARKINGS (PER DETAIL HEREON)
- MAXIMUM 150' FIRE HOSE PULL DISTANCE
- FIRE LANE ENTRANCE SIGN
- FIRE LANE NO PARKING SIGN
- FNPS WM FIRE LANE NO PARKING SIGN (WALL MOUNTED)

PLAN
SCALE: 1"=40'
HORIZ 1"=40' SCALE 40 20 0 40 80 FEET

PROJECT DATA

EDUCATION AND TRAINING CENTER - BUILDING 1 WELLNESS PEER SUPPORT CENTER - BUILDING 2

BUILDING 1 AND BUILDING 2

OCCUPANCY	A3 AND B MIXED USE
CONSTRUCTION TYPE	V–B
SPRINKLER	FULLY SPRINKLERED

NOTE: BUILDING 1 AND BUILDING 2 ANALYZED AS ONE BUILDING

BUILDING HEIGHTS

BUILDING 1	
NO. OF STORIES	ONE STORY
BUILDING HEIGHT	23'–6"
BUILDING 2	
NO. OF STORIES	ONE STORY
BUILDING HEIGHT	28'–3"

BUILDING AREAS

BUILDING 1	
B OCCUPANCY	7,600 SQ. FT.
BUILDING 2	
A3 OCCUPANCY	7,640 SQ. FT.
TOTAL AREA	15,240 SQ. FT.

ALLOWABLE AREA BUILDING 1
FULLY SPRINKLERED 9,000 X 3 — 27,000 SQ FT.

ALLOWABLE AREA BUILDING 2
FULLY SPRINKLERED 6,000 X 3 — 18,000 SQ FT.

MIXED USE CALCULATION PER 508.3.3.2

BUILDING 1 BUILDING 2

$\frac{7,600\ (B)}{27,000} + \frac{7,640\ (A)}{18,000} = 0.28+0.42 = 0.70<1$

AGGREGATE AREA NOTE:

ALLOWABLE AREA OF MOST RESTRICTIVE OCCUPANCY (A3) IS 18,000.
TOTAL BUILDING AREA OF BUILDING 1 AND BUILDING 2 IS 15,240 SQ. FT. < 18,000 SQ. FT.

CRISIS RESIDENTIAL BUILDING - BUILDING 3

BUILDING 3

OCCUPANCY	I–1
CONSTRUCTION TYPE	V–A (1–HR FIRE RESISTIVE CONSTRUCTION PER 425.4.1)
SPRINKLER	FULLY SPRINKLER

BUILDING HEIGHT

NO. OF STORIES	2 STORIES
BUILDING HEIGHT	38'– 4"

BUILDING AREAS

I–1 OCCUPANCY	
FIRST FLOOR	5370 SQ. FT.
SECOND FLOOR	4174 SQ. FT.
TOTAL	9544 SQ. FT.

ALLOWABLE AREA
I–1 — 10,500 SQ. FT. PER FLOOR

AREA INCREASE BY SPRINKLERS NOT REQUIRED TO COMPLY WITH ALLOWABLE AREA. SEE TABLE 601 FOOTNOTE e.

MAINTENANCE - BUILDING 4

BUILDING 4

OCCUPANCY	S–2
CONSTRUCTION TYPE	V–B

BUILDING HEIGHT

NO. OF STORIES	1 STORY
BUILDING HEIGHT	20'–0"

BUILDING AREAS
S–2 OCCUPANCY — 777 SQ. FT.

ALLOWABLE AREA
S–2 — 13,500 SQ. FT.

County of Orange
OC PUBLIC WORKS
Architecture & Engineering

Revisions: 0742

Sym.	Descrip.	Date	By

Consultants
WILLDAN ENGINEERING
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PREPARED UNDER THE SUPERVISION OF
KENNETH C. TAYLOR R.C.E. 56185 12/31/10
Drawn ___ Chkd. ___ Date 12/28/09

REGISTERED PROFESSIONAL ENGINEER — KENNETH C. TAYLOR — No. 56185 — Exp. 12-31-10 — CIVIL — STATE OF CALIFORNIA
A-E Seal

A-E ALEXANDER + HIBBS, AIA, INC.
ALEXANDER + HIBBS, AIA, INC.
1200 N. CONNORS ST., SUITE A
ORANGE, CALIFORNIA 92867
(714) 538-3888
Design SM Chkd. KT Date Nov. 26, 2009

Sht Title FIRE MASTER PLAN
Project COUNTY OF ORANGE HEALTH CARE AGENCY
401 SOUTH TUSTIN STREET
401 SOUTH TUSTIN STREET
ORANGE, CA 92866
PROJ. NO. 100-042-210-1900 H2407P20

Plan No.
52333-03608

Sheet
C-7

0742 COUNTY OF ORANGE HEALTH CARE AGENCY 401 SOUTH TUSTIN STREET U:\jn17336_401_S_Tustin_Renovation\PS&E\Plans\jn-GRAD-FIRE-07.dwg Plotted: 12/3/2009 2:37 PM