

PROPOSED SIGN PACKAGE FOR:

YUCCA VALLEY INVESTMENTS, LLC

PROPOSED EXTERIOR SIGNAGE

CREATED & PRESENTED BY:



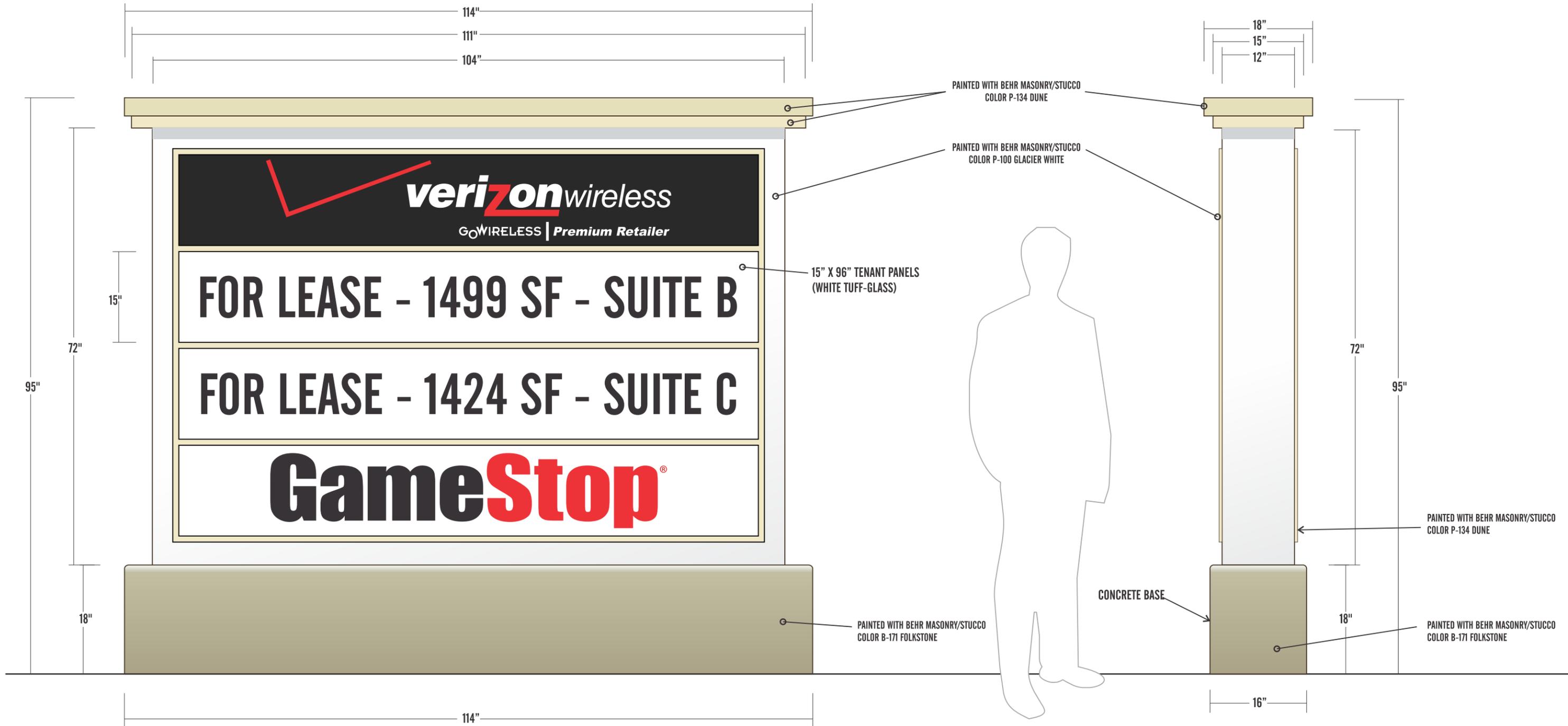
Signs & Digital Printing

11632 ANABEL AVE.
GARDEN GROVE, CA. 92843

www.c-csigns.com

EXTERIOR SIGNAGE - MONUMENT SIGN

FABRICATE AND INSTALL ONE, DOUBLE-SIDED MONUMENT SIGN.
 SIGN TO BE FABRICATED FROM ALUMINUM ANGLE FRAMING AND .063" ALUMINUM SKIN.
 SIGN TO BE INTERNALLY ILLUMINATED WITH FLORESCENT BULBS/BALLASTS.
 BASE OF SIGN TO BE CONCRETE.
TOTAL TENANT COPY DOES NOT EXCEED 40sq.ft.



PROJECT NAME : YUCCA VALLEY MONUMENT
ADDRESS : 58132 29 PALMS HIGHWAY
CITY / STATE : YUCCA VALLEY, CA. 92284
SALESMAN : BOB W.

SCALE : 3/4" = 1'
DESIGN DATE : 10/19/11
DRAWN BY : CHRIS LORD
ARTWORK : Z/DESIGN/JOBS/ALFA/YUCCAMON1

REVISIONS

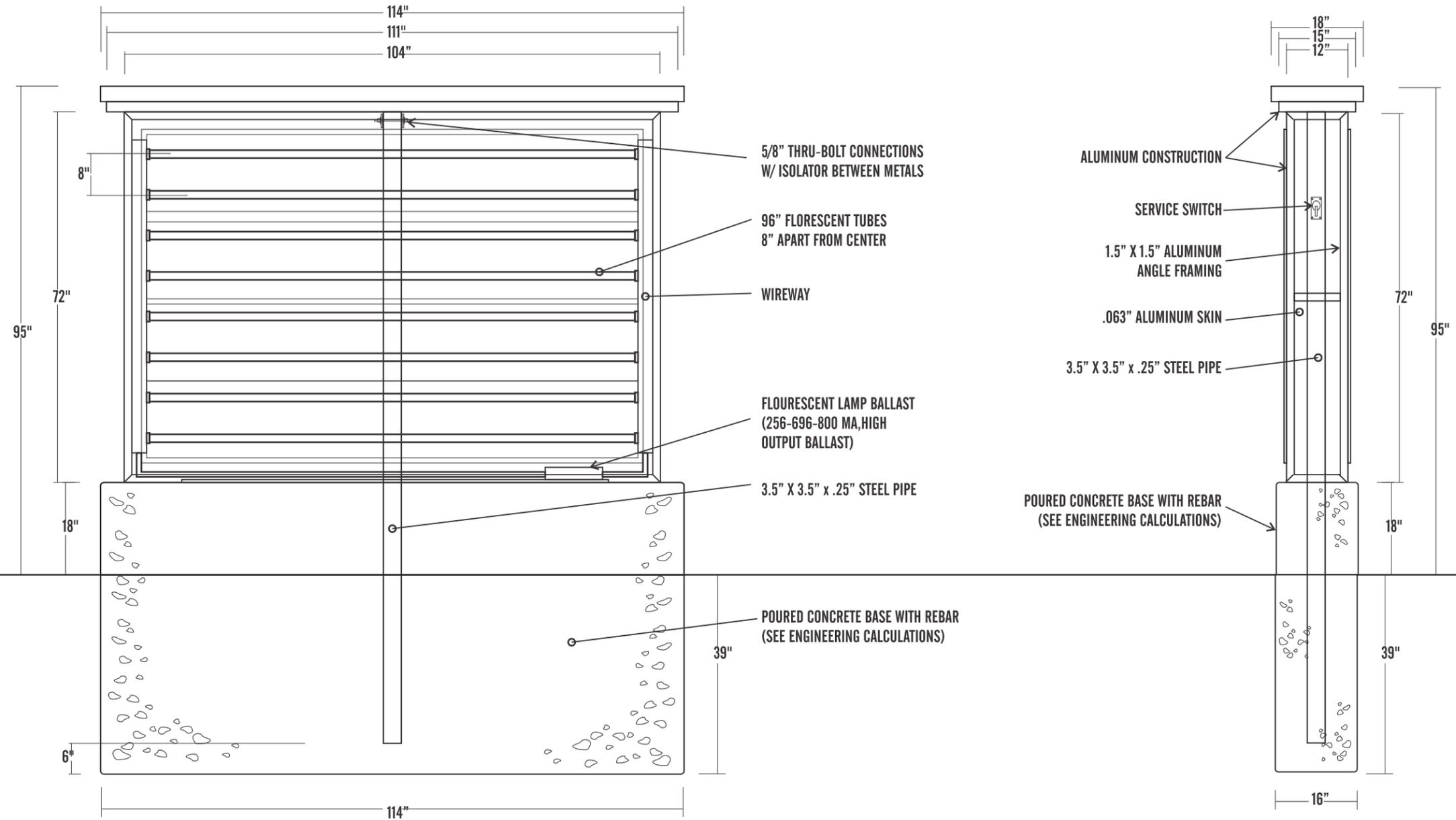


11632 ANABEL AVE.
 GARDEN GROVE, CA. 92843
T: 714.537.8175
F: 714.537.1339
www.c-csigns.com

THE DRAWINGS, IDEAS, DESIGNS AND ARRANGEMENTS CONTAINED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF C&C SIGNS. NO PART THEREOF MAY BE COPIED OR REPRODUCED AND USED IN CONNECTION WITH ANY OTHER WORK OR PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT WRITTEN CONSENT FROM C&C SIGNS. IF UPON SUBMITTAL TO A PROPOSED CLIENT, THESE DRAWINGS ARE NOT RELEASED WITH THE AFORE WRITTEN CONSENT, THESE DRAWINGS SHALL BE RETURNED TO C&C SIGNS, AND FURTHERMORE, SIGNS SHALL NOT BE PRODUCED IN LIKENESS OF THESE DESIGNS. IF OUR (C&C SIGNS) DRAWING, DETAILS, OR RENDERINGS ARE IN FACT USED AND/OR DUPLICATED IN ANY WAY WITHOUT WRITTEN CONSENT, THERE WILL BE A MINIMUM OF \$900.00 CHARGED OR 25% OF THE TOTAL COST OF THE JOB, WHICH EVER IS GREATER.

EXTERIOR SIGNAGE - MONUMENT SIGN

FABRICATE AND INSTALL ONE, DOUBLE-SIDED MONUMENT SIGN.
 SIGN TO BE FABRICATED FROM ALUMINUM ANGLE FRAMING AND .063" ALUMINUM SKIN.
 SIGN TO BE INTERNALLY ILLUMINATED WITH FLORESCENT BULBS/BALLASTS.
 BASE OF SIGN TO BE CONCRETE.



PROJECT NAME : YUCCA VALLEY MONUMENT
ADDRESS : 58132 29 PALMS HIGHWAY
CITY / STATE : YUCCA VALLEY, CA. 92284
SALESMAN : BOB W.

SCALE : 1/2" = 1'
DESIGN DATE : 10/19/11
DRAWN BY : CHRIS LORD
ARTWORK : Z/DESIGN/JOBS/ALFA/YUCCAMON1

REVISIONS
 11/2/11



11632 ANABEL AVE.
 GARDEN GROVE, CA. 92843
T: 714.537.8175
F: 714.537.1339
www.c-signs.com

THE DRAWINGS, IDEAS, DESIGNS AND ARRANGEMENTS CONTAINED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF C&C SIGNS. NO PART THEREOF MAY BE COPIED OR REPRODUCED AND USED IN CONNECTION WITH ANY OTHER WORK OR PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT WRITTEN CONSENT FROM C&C SIGNS. IF UPON SUBMITTAL TO A PROPOSED CLIENT, THESE DRAWINGS ARE NOT RELEASED WITH THE AFORE WRITTEN CONSENT, THESE DRAWINGS SHALL BE RETURNED TO C&C SIGNS, AND FURTHERMORE, SIGNS SHALL NOT BE PRODUCED IN LIKENESS OF THESE DESIGNS. IF OUR (C&C SIGNS) DRAWING, DETAILS, OR RENDERINGS ARE IN FACT USED AND/OR DUPLICATED IN ANY WAY WITHOUT WRITTEN CONSENT, THERE WILL BE A MINIMUM OF \$900.00 CHARGED OR 25% OF THE TOTAL COST OF THE JOB, WHICH EVER IS GREATER.

OF THE SERVICE AND SHALL REMAIN THE PROPERTY OF STC WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THESE DRAWINGS AND SPECIFICATIONS SHALL NOT BE USED BY ANYONE ON ANY OTHER PROJECT(S) OR FOR ADDITIONS TO THIS PROJECT BY OTHERS, EXCEPT BY THE EXPRESSED WRITTEN PERMISSION OF STC.

STRUCTURAL TECHNOLOGY CONSULTANTS INC.
7827 CONVOY COURT, SUITE 406, SAN DIEGO, CA 92111
PHONE NO.: (858) 278-2400 FAX NO.: (858) 278-2424

PROJECT: YUCCA VALLEY MONUMENT, 58132 29 PALMS HIGHWAY, YUCCA VALLEY, CA
PROJ. NO.: 1520-09 DESIGNER: FT
CLIENT: C & C SIGNS

SHEET: 1 OF 2
DATE: 10-24-11
QUANTITY: 1

DESIGN CODE- CBC 2010 w/ ASCE 7 Provisions
units; pounds, feet u.n.o.

WIND (wind governs design)

Basic Wind Speed: 85 Per ASCE 7-05, Fig. 6.1
Exposure C

Design Wind Pressures (psf)	Heights:	15	20.45
Area	Force	Arm	Moment
12.3	251	0.8	188
38.1	779	4.0	3147
3.4	70	6.8	476
53.8	1100		3811

Footing Design
CBC Table 1806.2 & Sec. 1806.3.4
Footing Type: square
Soil Pressure (100k2): 200 b = 8.11
 $S_1 = 5 \times d/3$ $S_2 = 214$
 $A = 2.34P / S_1 \times b$ $A = 1.48$
 $d = 0.5A (1 + [1 + (4.36h/A)]^{0.5})$ $d = 3.22$
Formula Per CBC Section 1807.3.2.1
Footing size: 8'-0" x 1'-3.96" x 3'-3" Depth

Column Design
Pipe Steel - ≤ 18" ASTM A53 Grade B / > 18" ASTM A53 Grade B
Moment at base (#-ft): 3,811
Required S (in³): 2.2
 $S = \text{Moment} \times 12 / (1 \times 21000)$

H (ft)	M (lb-ft)	S req'd.	Size (in)	lbs / ft	t (in)	S (in ³)
0.0	3,811	2.2	3.5	9.1	0.226	2.3

DETAIL
SCALE: 1/4" = 1'-0"

ELEVATION
SCALE: 1/4" = 1'-0"

TYPICAL SADDLE DETAIL
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- CONCRETE DESIGN $f'_c=2500$ PSI., MIN. SPECIAL INSPECTION NOT REQUIRED.
- PIPE STEEL A53 GRADE B.
- SIGN CABINETRY SHALL BE FABRICATED IN THE SHOP OF AN APPROVED FABRICATOR.
- SOIL PASSIVE PRESSURE BASED ON 2009 IBC TABLE 1806.2) CLASS 5 MATERIAL OR BETTER. SPECIAL INSPECTION NOT REQUIRED.
- SITE IS NOT SUBJECTED TO WIND SPEED-UP EFFECT ($K_{zt} \leq 1.0$) AS DEFINED IN SECTION 6.5.7.2 OF ASCE 7-05. CONTACT ENGINEER OF RECORD IF SUCH EFFECTS ARE PRESENT.
- STAINLESS STEEL (S.S.) BOLTS ASTM F593.
- REINFORCING STEEL ASTM A615, GRADE 60.
- PROVIDE 3" MIN. CLEAR CONCRETE COVER ON ALL STEEL EMBEDDED IN CONCRETE FOOTING.
- PROVIDE ISOLATION OF DISSIMILAR MATERIALS FOR ALL ALUMINUM TO BE IN CONTACT WITH STEEL.
- PROVIDE SLOPE AWAY FROM BASE OF POLE.

REGISTERED PROFESSIONAL ENGINEER
JOSE GARCIA
No. 58476
Exp. 12/31/2012
CIVIL
STATE OF CALIFORNIA
10/25/11

STRUCTURAL TECHNOLOGY CONSULTANTS INC.
7827 CONVOY COURT, SUITE 406, SAN DIEGO, CA 92111
PHONE NO.: (858) 278-2400 FAX NO.: (858) 278-2424

PROJECT: YUCCA VALLEY MONUMENT, 58132 29 PALMS HIGHWAY, YUCCA VALLEY, CA
PROJ. NO.: 1520-09 DESIGNER: FT
CLIENT: C & C SIGNS

SHEET: 2 OF 2
DATE: 10-24-11

DESIGN CODE- CBC 2010 w/ ASCE 7 Provisions UNITS; POUNDS, FT U.N.O.

ASCE 7-05 Wind Loads

6.5.14 $F=q_s \cdot G \cdot C_e \cdot A_s$
6.5.10 $q_s = 0.00256 \cdot K_z \cdot K_{zt} \cdot K_d \cdot V^2 \cdot I$
 $K_z = 1.0$ (unless unusual landscape)
 $K_{zt} = \text{table 6-3}$
 $K_d = 0.85$ for signs
 $V = 85$ mph
6.5.8 $G = 0.925 \left(\frac{1 + 1.7 \cdot q_{s1} \cdot I_z \cdot Q}{1 + 1.7 \cdot q_{s2} \cdot I_z} \right)$ or 0.85
 $I_z = c \cdot (33/z)^{0.4}$
 $z = \max(0.6 \cdot h, z_{min})$
 $z_{min} = 15$
 $q_{s1} = 3.4$
 $q_{s2} = 3.4$
 $Q = \sqrt{1.0 / (1 + 0.63 \cdot (B+h)/L_z)^{0.4}}$
 $L_z = I_z \cdot (z/33)^8$
Load Combination Factor = 1.0

sign elem. #	h	K_z	q_s	G	s/h	B/s	C_e	pressure	F
1	1.5	0.85	13.36	0.85	0.14	1.00	1.80	20.45	251
2	6.58	0.85	13.36	0.85	0.14	1.00	1.80	20.45	779
3	7	0.85	13.36	0.85	0.14	1.00	1.80	20.45	70
sum:									1100

Reinforcement:
Vertical: $A_{smin} = 96" \times 16" \times 0.0018 / 2 = 1.38 \text{ in}^2 / \text{side}$
 $A_s = 8\text{-}\#4 = 8 (0.20 \text{ in}^2) = 1.60 \text{ in}^2 \text{ ok}$
Horizontal: $A_{smin} = 57" \times 16" \times 0.0018 / 2 = 0.82 \text{ in}^2 / \text{side}$
 $A_s = 5\text{-}\#4 = 5 (0.20 \text{ in}^2) = 1.00 \text{ in}^2 \text{ ok}$

PROJECT NAME : YUCCA VALLEY MONUMENT
ADDRESS : 58132 29 PALMS HIGHWAY
CITY/STATE : YUCCA VALLEY, CA. 92284
SALESMAN : BOB W.

SCALE : NTS
DESIGN DATE : 10/19/11
DRAWN BY : CHRIS LORD
ARTWORK : Z/DESIGN/JOBS/ALFA/YUCCAMON1

REVISIONS
11/2/11



11632 ANABEL AVE.
GARDEN GROVE, CA. 92843
T: 714.537.8175
F: 714.537.1339
www.c-csigns.com

THE DRAWINGS, IDEAS, DESIGNS AND ARRANGEMENTS CONTAINED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF C&C SIGNS. NO PART THEREOF MAY BE COPIED OR REPRODUCED AND USED IN CONNECTION WITH ANY OTHER WORK OR PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT WRITTEN CONSENT FROM C&C SIGNS. IF UPON SUBMITTAL TO A PROPOSED CLIENT, THESE DRAWINGS ARE NOT RELEASED WITH THE AFORE WRITTEN CONSENT, THESE DRAWINGS SHALL BE RETURNED TO C&C SIGNS, AND FURTHERMORE, SIGNS SHALL NOT BE PRODUCED IN LIKENESS OF THESE DESIGNS. IF OUR (C&C SIGNS) DRAWING, DETAILS, OR RENDERINGS ARE IN FACT USED AND/OR DUPLICATED IN ANY WAY WITHOUT WRITTEN CONSENT, THERE WILL BE A MINIMUM OF \$900.00 CHARGED OR 25% OF THE TOTAL COST OF THE JOB, WHICH EVER IS GREATER.



PROJECT NAME : YUCCA VALLEY MONUMENT
ADDRESS : 58132 29 PALMS HIGHWAY
CITY/STATE : YUCCA VALLEY, CA. 92284
SALESMAN : BOB W.

SCALE : 3/4" = 1'
DESIGN DATE : 10/19/11
DRAWN BY : CHRIS LORD
ARTWORK : Z/DESIGN/JOBS/ALFA/YUCCAMON1

REVISIONS



11632 ANABEL AVE.
 GARDEN GROVE, CA. 92843
T: 714.537.8175
F: 714.537.1339
www.c-signs.com

THE DRAWINGS, IDEAS, DESIGNS AND ARRANGEMENTS CONTAINED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF C&C SIGNS. NO PART THEREOF MAY BE COPIED OR REPRODUCED AND USED IN CONNECTION WITH ANY OTHER WORK OR PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT WRITTEN CONSENT FROM C&C SIGNS. IF UPON SUBMITTAL TO A PROPOSED CLIENT, THESE DRAWINGS ARE NOT RELEASED WITH THE AFORE WRITTEN CONSENT, THESE DRAWINGS SHALL BE RETURNED TO C&C SIGNS, AND FURTHERMORE, SIGNS SHALL NOT BE PRODUCED IN LIKENESS OF THESE DESIGNS. IF OUR (C&C SIGNS) DRAWING, DETAILS, OR RENDERINGS ARE IN FACT USED AND/OR DUPLICATED IN ANY WAY WITHOUT WRITTEN CONSENT, THERE WILL BE A MINIMUM OF \$900.00 CHARGED OR 25% OF THE TOTAL COST OF THE JOB, WHICH EVER IS GREATER.