



JT ENGINEERING, INC.

33336 N AGUA DULCE CYN RD #103
 AGUA DULCE, CA. 91390

DATE 7/10/2003

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Job # JTS 4303
 Project Job Address
 Job Location

DESIGN PARAMETERS 70 MPH
 EXPOSURE 'C' 2 Columns

HEIGHT	70 MPH	80 MPH	HEIGHT	WIDTH
0-15	18.70	24.34	5.40	8.17
15-20	19.93	25.94	0.00	0.00
20-25	20.99	27.32	0.00	0.00
25-30	21.70	28.24	0.00	0.00
30-40	23.11	30.08	0.00	0.00
40-60	25.23	32.83	0.00	0.00
60-80	26.99	35.13	0.00	0.00

AREA	ARM	PRESS	MOMENT
44.12	2.70	825	2227
0.00	0.00	0	0
0.00	0.00	0	0
0.00	0.00	0	0
0.00	0.00	0	0
0.00	0.00	0	0
0.00	0.00	0	0
44.12	2.70	825	2227

C.G @ 2.70 Eff. MOM. 1114
 Eff. Press 412

Footing Design

Diameter	1.00 FT
Soil Pressure	100.00 PSF/FT
S1	380.35 PSF
A	2.54 FT
EMBED.	4.28

Dia=12"

Depth = 4'-4"

Pole Design

MOD.	Required	SQ. Steel Tube
S1	0.46	USE TS 3x3x3/16" S=1.73

Sign Purlin

MOD.	Required	Alum. Square Tube
S	0.05	USE 1.0 SQ x 0.058 Wall S=0.0649

