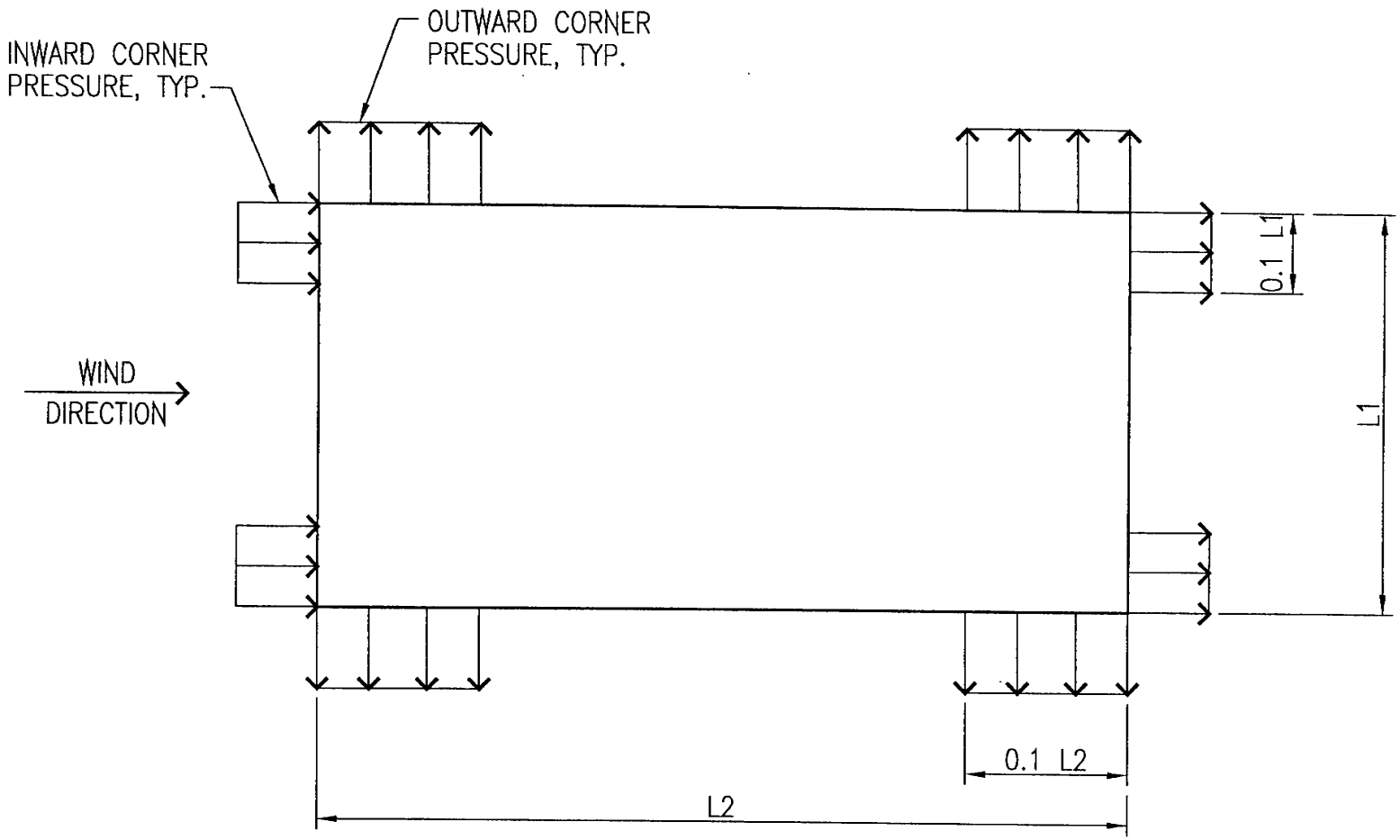
EXHIBIT B

WIND PRESSURE CALCULATIONS



1 **TYPICAL BUILDING PLAN**

NO SCALE

PATRICK BUSCOVICH AND ASSOCIATES, S. E. INC.
235 MONTGOMERY STREET, SUITE 1880 SAN FRANCISCO, CA 94104

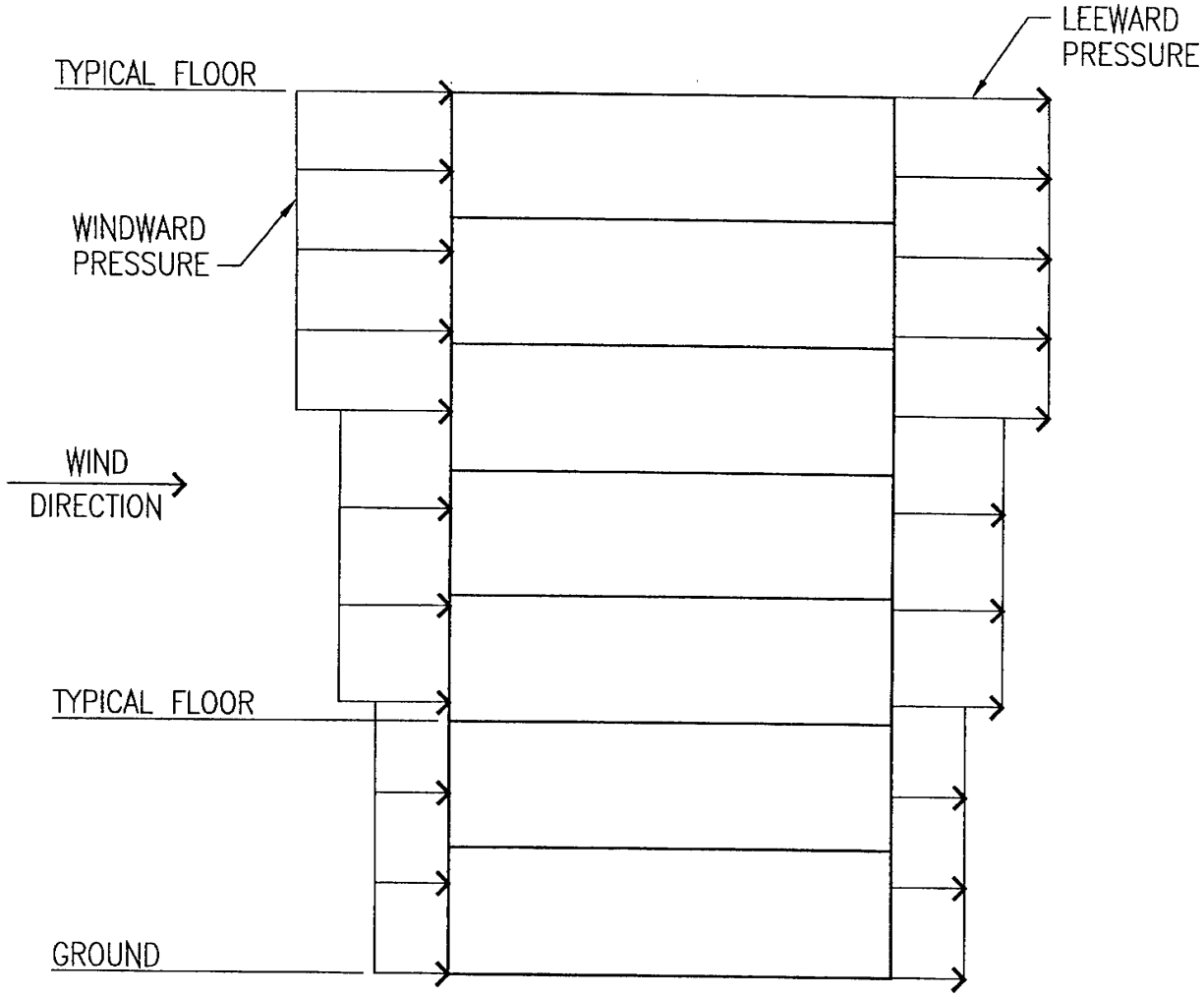
© COPYRIGHT 2002

DATE: *11-16-04*	SCALE: *AS NOTED*	PROJECT NO: *04.311*	CAD FILE: *SK2*

PROJECT ADDRESS:

CAPITOL SQUARE
SACRAMENTO, CA.

L:\2004\04311\SK02.dwg, Layout1, 11/17/2004 09:07:32 AM,
dean, PostScript Custom Page Size



1 **TYPICAL BUILDING ELEVATION**

NO SCALE

PATRICK BUSCOVICH AND ASSOCIATES, S. E. INC.
235 MONTGOMERY STREET, SUITE 1880 SAN FRANCISCO, CA 94104

© COPYRIGHT 2002

DATE: 11-16-04	SCALE: AS NOTED	PROJECT NO: 04.311	CAD FILE: SK1

PROJECT ADDRESS:

CAPITOL SQUARE
SACRAMENTO, CA.

L:\2004\04311\SK01.dwg, Layout1, 11/17/2004 09:05:27 AM, dean, PostScript Custom Page Size

Wind Pressure Calculations

Project: **Capitol Square (Sacramento)** **11/17/2004**

Qs= 16.4 psf

Height	Ce	Cq				Wind Pressusre (PSF)			
		Primary System		Discontinuities (Corner)		Primary System		Discontinuites (Corner)	
		Windward	Leeward	Outward	Inward	Windward	Leeward	Outward	Inward
0-15	1.09	0.8	0.5	1.5	1.2	**14.30**	**8.94**	**26.81**	**21.45**
20	1.13	0.8	0.5	1.5	1.2	**14.83**	**9.27**	**27.80**	**22.24**
25	1.19	0.8	0.5	1.5	1.2	**15.61**	**9.76**	**29.27**	**23.42**
30	1.23	0.8	0.5	1.5	1.2	**16.14**	**10.09**	**30.26**	**24.21**
40	1.31	0.8	0.5	1.5	1.2	**17.19**	**10.74**	**32.23**	**25.78**
60	1.43	0.8	0.5	1.5	1.2	**18.76**	**11.73**	**35.18**	**28.14**
80	1.53	0.8	0.5	1.5	1.2	**20.07**	**12.55**	**37.64**	**30.11**
100	1.61	0.8	0.5	1.5	1.2	**21.12**	**13.20**	**39.61**	**31.68**
120	1.67	0.8	0.5	1.5	1.2	**21.91**	**13.69**	**41.08**	**32.87**
160	1.79	0.8	0.5	1.5	1.2	**23.48**	**14.68**	**44.03**	**35.23**
200	1.87	0.8	0.5	1.5	1.2	**24.53**	**15.33**	**46.00**	**36.80**
300	2.05	0.8	0.5	1.5	1.2	**26.90**	**16.81**	**50.43**	**40.34**
400	2.19	0.8	0.5	1.5	1.2	**28.73**	**17.96**	**53.87**	**43.10**

Note: 1. Wind pressure, P=Ce Cq Qs Iw.

2. Where Qs = 16.4 psf, based on 80 MPH

Iw = 1.0