

FROM DESIGNER: LARRY WICHROSKI, P.E.
 DATE: 11-13-06
 Job Name: APARTMENT REMODEL
 Address of Construction: 129 MORNING ST., PORTLAND, ME

2003 International Building Code

Construction project was designed according to the building code criteria listed below:

Building Code and Year 2003 IBC Use Group Classification(s) RES R2
 Type of Construction V B
 Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC YES
 Is the Structural mixed use? NO If yes, separated or non separated (see Section 302.3) _____
 Supervisory alarm system? NO Geotechnical/Soils report required? (See Section 1802.2) _____

STRUCTURAL DESIGN CALCULATIONS
N/A Submitted for all structural members
 (106.1, 106.1.1)

N/A Live load reduction
 (1603.1.1, 1607.9, 1607.10)
45.0 Roof live loads (1603.1.2, 1607.11)

DESIGN LOADS ON CONSTRUCTION DOCUMENTS
 (1603)

Roof snow loads 1603.7.3, 1608)
50.0 Ground snow load, P_g (1608.2)
50.0 If $P_g > 10.0$ psf, flat-roof snow load, P_f
 (1608.3)
0.8 If $P_g > 10.0$ psf, snow exposure factor, C_s
 (1608.3.1)
1.0 If $P_g > 10.0$ psf, snow load importance
 factor, I_s (Table 1604.5)
1.0 Roof thermal factor, C_t (Table 1608.3.2)
45.0 Sloped roof snowload, P_s (1608.4)
C Seismic design category (1616.3)
IK Basic seismic force resisting system
 (Table 1617.6.2.)
6.5, 4 Response modification coefficient, R_t
 and deflection amplification factor, C_d
 (Table 1617.6.2)
SIMP. Analysis procedure (1616.6, 1617.5)
60.0K Design base shear (1617.4, 1617.5.1)

Uniformly distributed floor live loads (7603.11, 1607)
 Floor Area Use Loads Shown

Floor Area Use	Loads Shown
<u>RESIDENTIAL</u>	<u>40.0 PSF</u>

1.0 Floor loads (1603.1.6, 1612)
45.0 Flood hazard area (1612.3)
C Elevation of structure.

Wind Loads (1603.1.4, 1609)

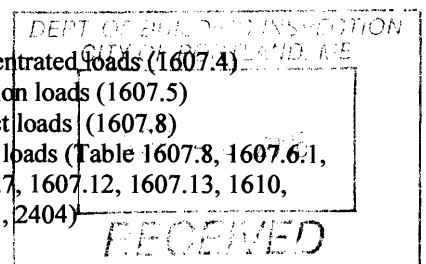
SIMP Design option utilized (1609.1, 1609.6)
100 Basic wind speed (1809.3)
II, 1.0 Building category and wind Importance
 factor, I_w (Table 1604.5, 1609.5)
D Wind exposure category (1609.4)
1.8 Internal pressure coefficient (ASCE 7)
17 Component and cladding pressures
 (1609.1.1, 1609.6.2.2)
18.0 Main force wind pressures
 (7603.1, 1609.6.2.1)

Other loads:

N/A Concentrated loads (1607.4)
N/A Partition loads (1607.5)
N/A Impact loads (1607.8)
N/A Misc. loads (Table 1607.8, 1607.6.1,
 1607.7, 1607.12, 1607.13, 1610,
 1611, 2404)

Earthquake design data (1603.1.5, 1614 – 1623)

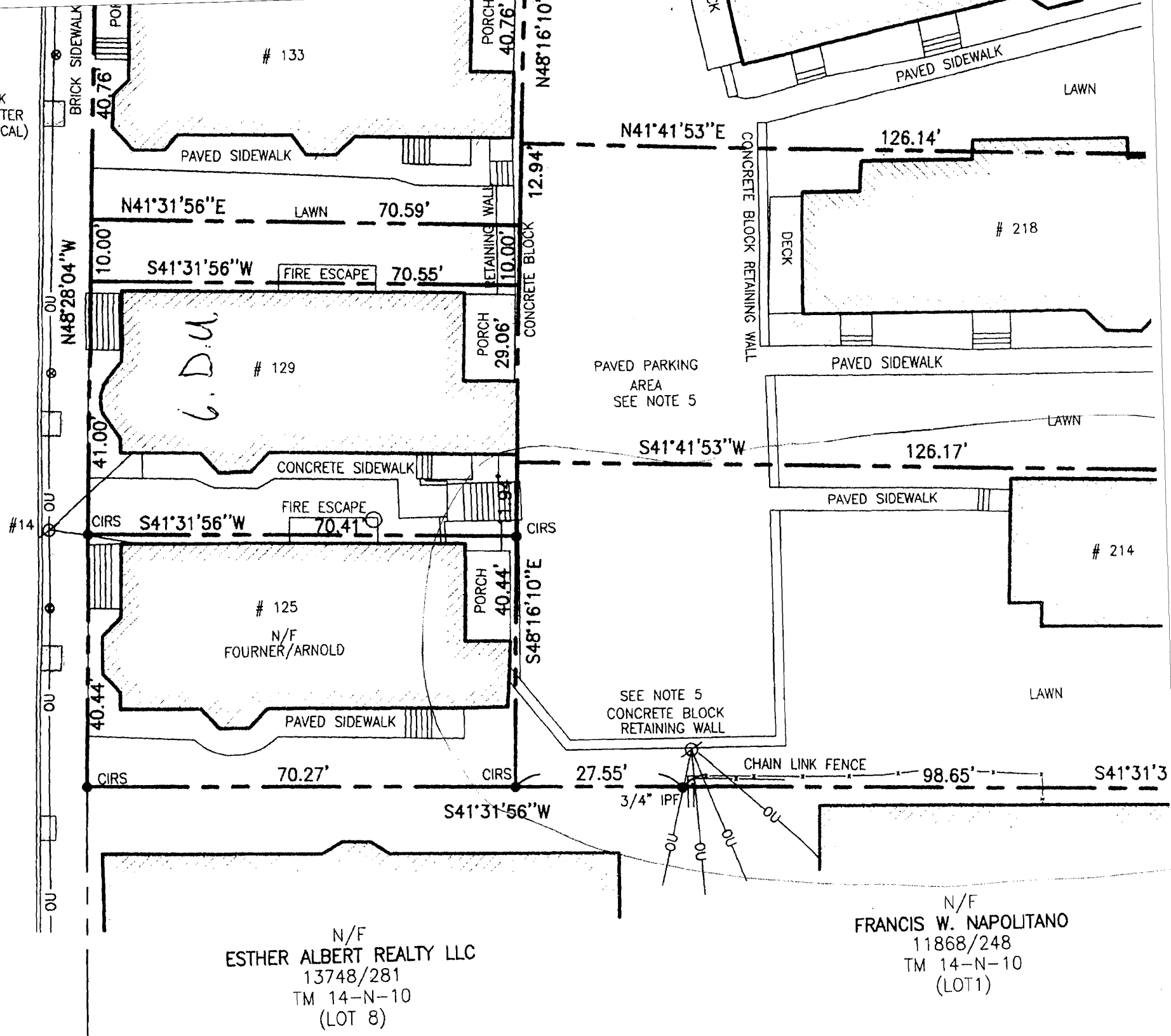
EB 1614.3 Design option utilized (1614.1)
I Seismic use group ("Category")
 (Table 1604.5, 1616.2)
29, 11 Spectral response coefficients, S_{DS} & S_{D1}
 (1615.1)
C Site class (1615.1.5)



MORNING STREET

PAVED - PUBLIC

BRICK PLANTER (TYPICAL)



N/F
 ESTHER ALBERT REALTY LLC
 13748/281
 TM 14-N-10
 (LOT 8)

N/F
 FRANCIS W. NAPOLITANO
 11868/248
 TM 14-N-10
 (LOT 1)

PLAN REFERENCE

1. "PART OF PLAN RECORDED IN PLAN BOOK 4 PAGE 18" ON FILE WITH OWEN HASKELL, INC.

NOTES

EASTERN PROMENADE LLC BOOK 23885 PAGE 168
 MORNING STREET LLC BOOK 23885 PAGE 147
 2 3 4 5 6 7 AND 18 BLOCK N