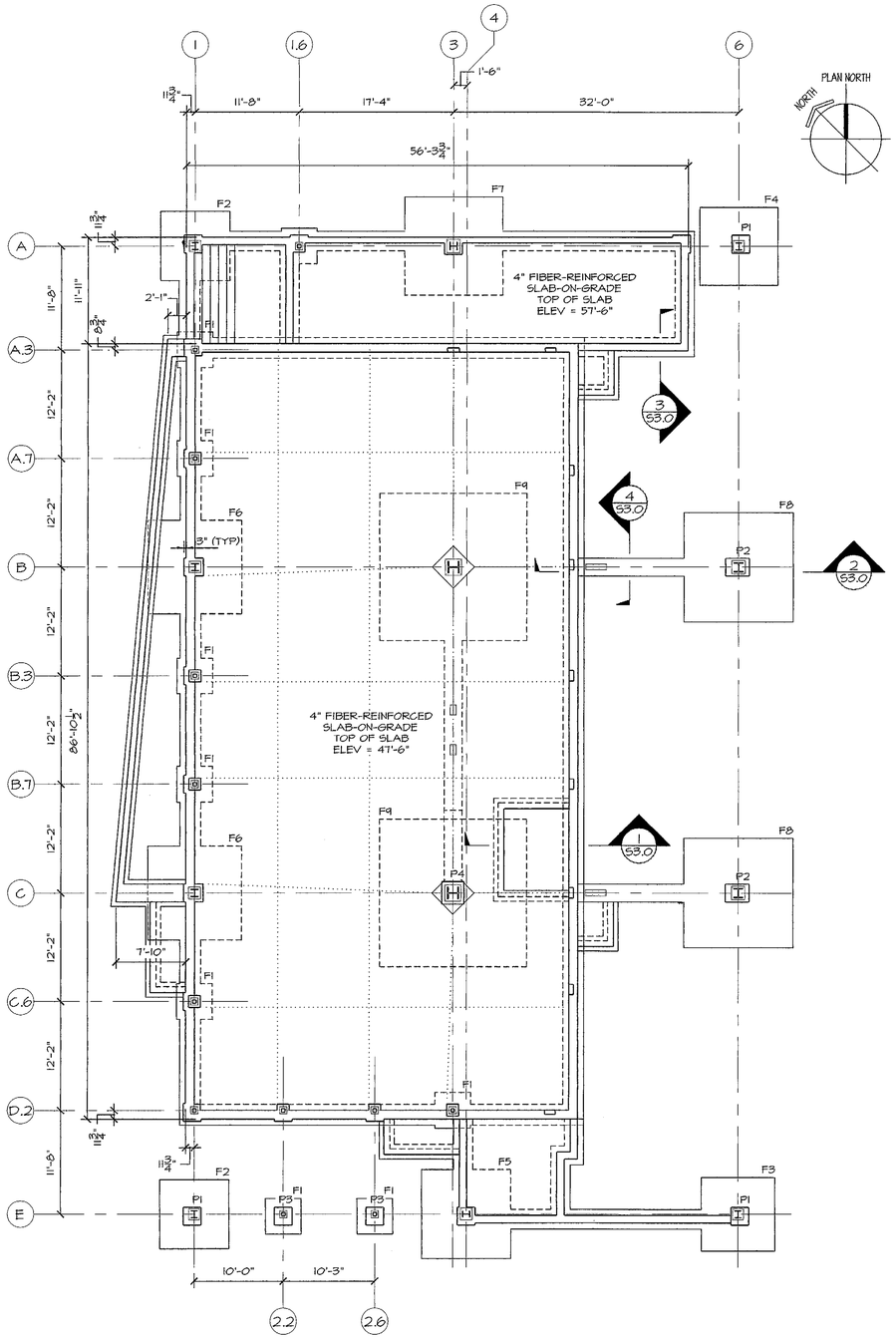

FOUNDATION PLAN
1/8"=1'-0"

DESIGN CRITERIA:

BUILDING CODE INTERNATIONAL BUILDING CODE/2003

LIVE LOAD	
DWELLING UNITS	40 PSF
BALCONIES AND ROOFTOP DECK	60 PSF
PUBLIC CORRIDORS AND STAIRS	100 PSF
COMMERCIAL AREAS	100 PSF
DEAD LOAD	
1ST - 8TH FLOORS	88 PSF
ROOF	65 PSF
SNOW LOAD	
GROUND SNOW LOAD	60 PSF
EXPOSURE FACTOR, Ce	1.0
THERMAL FACTOR, Ct	1.0
IMPORTANCE FACTOR, Is	1.0
FLAT ROOF SNOW LOAD, Pf	42 PSF
WIND LOAD	
BASIC WIND SPEED (3 SEC GUST)	100 MPH
BASIC VELOCITY PRESSURE, Pv	18.5 PSF
IMPORTANCE FACTOR, Iw	1.0
EXPOSURE	C
BUILDING CATEGORY	I
EARTHQUAKE DESIGN DATA (ASCE 7-02)	
OCCUPANCY IMPORTANCE FACTOR, Ie	1.0
SEISMIC USE GROUP	I
SHORT PERIOD SPECTRAL ACCELERATION, Ss	0.31
1 SEC PERIOD SPECTRAL ACCELERATION, S1	0.10
SITE CLASS	D
SHORT PERIOD 5% DAMPED SPECTRAL RESPONSE ACCELERATION, Sds	0.31
1 SEC 5% DAMPED SPECTRAL RESPONSE ACCELERATION, Sd1	0.16
SEISMIC DESIGN CATEGORY	C
BASIC SEISMIC FORCE RESISTING SYSTEM	ECCENTRICALLY BRACED FRAME (NON-MOMENT CONNECTIONS)
DESIGN BASE SHEAR	187 KIPS
RESPONSE MODIFICATION FACTOR, R	7
DEFLECTION AMPLIFICATION FACTOR, Cd	4
SYSTEM OVERSTRENGTH FACTOR, Ω0	2
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE PROCEDURE

FOOTING SCHEDULE

MARK	SIZE	REINFORCING
F1	4'-0" x 4'-0" x 1'-0"	6 #5 E.W. BOT.
F2	7'-9" x 7'-9" x 1'-6"	7 #6 E.W. BOT.
F3	8'-3" x 8'-3" x 1'-8"	7 #7 E.W. BOT.
F4	8'-9" x 8'-9" x 1'-8"	10 #6 E.W. BOT.
F5	10'-0" x 10'-0" x 2'-0"	9 #7 E.W. BOT.
F6	10'-6" x 10'-6" x 2'-0"	10 #7 E.W. BOT.
F7	11'-0" x 11'-0" x 2'-0"	11 #7 E.W. BOT.
F8	13'-0" x 13'-0" x 2'-6"	12 #8 E.W. BOT.
F9	16'-6" x 16'-6" x 3'-0"	15 #9 E.W. BOT.

STATE OF MAINE
DAVID TETREAULT
4040
PROFESSIONAL ENGINEER

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TFH ARCHITECTS
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PORTLAND MAINE 04101
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ARCHITECTURE PLANNING

CONSULTANTS:

REVISIONS:
1 100% CONST. DOC.

DATE:	02/24/06
PROJECT No.	0422
DRAWN BY:	DJT
CHECKED BY:	DJT
SCALE:	1/8"=1'-0"

SHEET TITLE:
FOUNDATION PLAN
GENERAL NOTES

S1.1