



FOUNDATION PLAN
 1/4"=1'-0"
 TOP OF NEW SLAB MATCHES TOP OF EXISTING SLAB ELEV = 100'-0"
 (XX'-XX") INDICATES TOP OF CONCRETE WALL OR SHELF ELEV.
 ALL CONCRETE SLABS ARE 4" THICK FIBER-REINFORCED BEARING ON A VAPOR BARRIER OVERLYING 8" OF CRUSHED STONE.
 INDICATES SAW-CUT CONTROL JOINT.

GENERAL NOTES

NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO DRAWING NOTES.

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, EQUIPMENT, SITE AND SHOP DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF CHASES, INSERTS, SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

ALL DIMENSIONS, ELEVATIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. THE CONTRACTOR SHALL DETERMINE ALL NECESSARY DIMENSIONS, ELEVATIONS AND CONDITIONS REQUIRED FOR THE FABRICATION AND ERECTION OF THE BUILDING'S COMPONENTS PRIOR TO THE SUBMISSION OF SHOP DRAWINGS. ALL SHOP DRAWINGS SHALL ACCURATELY REFLECT THE GENERAL CONTRACTOR'S VERIFICATION OF FIELD CONDITIONS.

SHOP DRAWINGS SHALL BE ORIGINAL DRAWINGS PREPARED BY THE GENERAL CONTRACTOR OR A SUBCONTRACTOR. REPRODUCTION OF ANY STRUCTURAL DRAWING FOR USE AS A SHOP DRAWING IS NOT ACCEPTABLE.

THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS SOLELY THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCING TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS AND/OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE GENERAL CONTRACTOR AFTER COMPLETION OF THE BUILDING.

SECTIONS AND DETAILS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL AND USED IN SIMILAR CONDITIONS.

THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL FOLLOW ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

DESIGN CRITERIA

BUILDING CODE:	2003 INTERNATIONAL BUILDING CODE
DESIGN LOADS:	
LIVE LOADS	
DINING AREA	100 PSF
OFFICES	50 PSF
STORAGE/MECHANICAL	50 PSF
SNOW LOAD	
GROUND SNOW LOAD, P _g	60 PSF
SNOW EXPOSURE FACTOR, C _e	1.0
SNOW LOAD IMPORTANCE FACTOR, I _s	1.0
THERMAL FACTOR, C _t	1.1
FLAT ROOF SNOW LOAD, P _f	46 PSF
WIND LOAD	
BASIC WIND SPEED (3 SEC GUST), V _{3s}	100 MPH
WIND IMPORTANCE FACTOR, I _w	1.0
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENT, I _z	1.40
EARTHQUAKE DESIGN DATA (ASCE 7-02)	
SEISMIC IMPORTANCE FACTOR, I _e	1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS	
0.2 SEC PERIOD, S _s	0.31
1 SEC PERIOD, S ₁	0.10
SITE CLASS	E
SPECTRAL RESPONSE COEFFICIENTS	
0.2 PERIOD 5% DAMPED, S _{ds}	0.52
1 SEC PERIOD 5% DAMPED, S _{d1}	0.23
SEISMIC DESIGN CATEGORY	D
BASIC SEISMIC-FORCE-RESISTING SYSTEM	LIGHT-FRAMED WALLS WITH SHEAR PANELS
DESIGN BASE SHEAR	29 KIPS
SEISMIC RESPONSE COEFFICIENT, C _d	4.0
RESPONSE MODIFICATION FACTOR, R	6.0
SYSTEM OVERSTRENGTH FACTOR, η _o	3.0
ANALYSIS PROCEDURE	SIMPLIFIED ANALYSIS ASCE 1 SECTION 4.5.4

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STRUCTURAL DESIGN CONSULTING

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BECKY'S DINER
 PORTLAND, MAINE

Project: _____
 Scale: 1/8" = 1'-0"
 Date: NOV. 21, 2006
 Revisions: _____

**GENERAL NOTES
 FOUNDATION PLAN
 FOUNDATION SECTIONS**

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