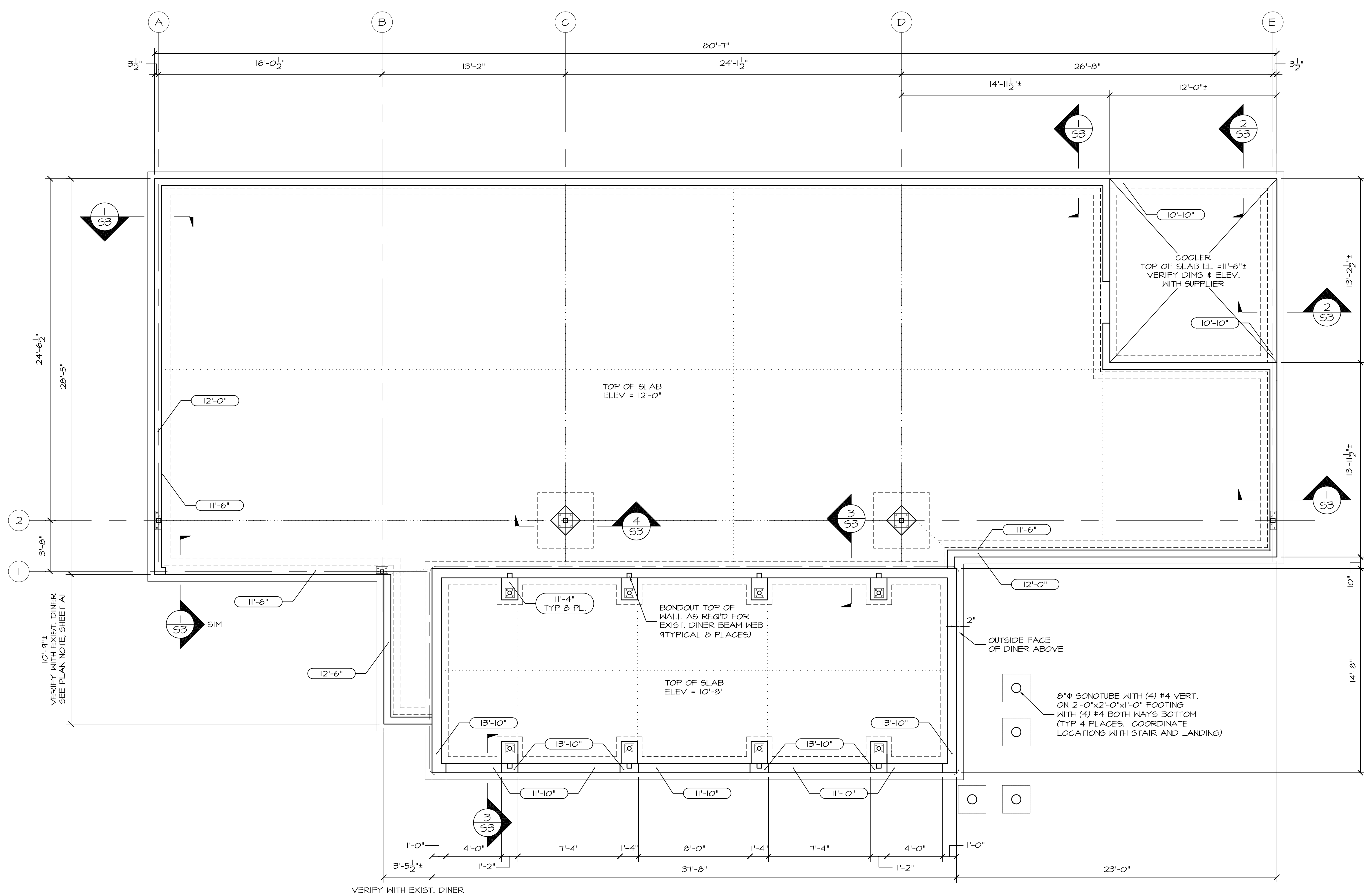


22 Oakmont Drive  
Old Orchard Beach ME  
04064-1121  
Tel 207 934-8038  
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VERIFY WITH EXIST. DINER  
SEE PLAN NOTE, SHEET A1

**FOUNDATION PLAN**  
1/4"=1'-0"

(XX'-XX") INDICATES TOP OF CONCRETE WALL OR SHELF ELEV.  
ALL CONCRETE SLABS ARE 4" THICK FIBER-REINFORCED OVERLAYING A VAPOR BARRIER ON 6" OF COMPACTED STRUCTURAL FILL.  
..... INDICATES SAW-CUT CONTROL JOINT.  
REFER TO "REPORT OF FOUNDATION EVALUATION, PROPOSED MISS PORTLAND DINER" PREPARED BY SEBAGO TECHNIQS DATED OCT 1, 2007 FOR ADDITIONAL INFORMATION REGARDING SUBSURFACE CONDITIONS, CONSTRUCTION CONSIDERATIONS AND RECOMMENDATIONS.

**GENERAL NOTES**

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 ROOM AND KITCHEN	100 PSF
SNOW LOAD	
GROUND SNOW LOAD, P <sub>g</sub>	60 PSF
SNOW EXPOSURE FACTOR, C <sub>e</sub>	1.0
SNOW LOAD IMPORTANCE FACTOR, I <sub>s</sub>	1.0
THERMAL FACTOR, C <sub>t</sub>	1.1
FLAT ROOF SNOW LOAD, P <sub>f</sub>	46 PSF
WIND LOAD	
BASIC WIND SPEED (3 SEC GUST), V <sub>3s</sub>	100 MPH
WIND IMPORTANCE FACTOR, I <sub>w</sub>	1.0
BUILDING CATEGORY	I
EXPOSURE CATEGORY	B
HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENT, λ	1.00
EARTHQUAKE DESIGN DATA (ASCE-7)	
SEISMIC IMPORTANCE FACTOR, I <sub>e</sub>	1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS	
0.2 SEC PERIOD, S <sub>s</sub>	0.375
1 SEC PERIOD, S <sub>1</sub>	0.100
SITE CLASS	E
SPECTRAL RESPONSE COEFFICIENTS	
0.2 PERIOD 5% DAMPED, S <sub>ds</sub>	0.525
1 SEC PERIOD 5% DAMPED, S <sub>d1</sub>	0.233
SEISMIC DESIGN CATEGORY	D
BASIC SEISMIC-FORCE-RESISTING SYSTEM	LIGHT-FRAMED WALLS WITH SHEAR PANELS
DESIGN BASE SHEAR	5.0 KIPS
SEISMIC RESPONSE COEFFICIENT, C <sub>s</sub>	0.0875
DEFLECTION AMPLIFICATION FACTOR, C <sub>d</sub>	4.0
RESPONSE MODIFICATION COEFFICIENT, R	6.0
SYSTEM OVERSTRENGTH FACTOR, Ω	3.0
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE

OWNER:

ARCHITECT:  
**ARCHETYPE, P.A. ARCHITECTS**  
48 Union Wharf Portland, Maine 04101  
(207) 772-6022 Fax (207) 772-4056

PROJECT:  
**MISS PORTLAND DINER**  
MARGINAL WAY, PORTLAND, MAINE

DATE: Feb. 19, 2008  
SCALE: 1/4"=1'-0"  
Revisions:

DRAWING:  
**FOUNDATION PLAN AND GENERAL NOTES**

**S1**