



GENERAL NOTES:

- THE NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO THESE GENERAL NOTES.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE 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, REGLETS, 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 THE STRUCTURAL CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS IS NOT ACCEPTABLE.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE GENERAL CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCING TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACINGS, GUTS 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 FOR 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: 1999 BOCA NATIONAL BUILDING CODE

DESIGN LOADS:

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| A. LIVE LOAD: | |
| OFFICES | 50 PSF (+20 PSF PARTITIONS) |
| CORRIDORS | 80 PSF |
| B. SNOW LOAD: | |
| GROUND SNOW LOAD, P _g | 60 PSF |
| SNOW EXPOSURE FACTOR | 1.0 |
| SNOW LOAD IMPORTANCE FACTOR | 1.0 (1.2 AT SURGERY) |
| ROOF THERMAL FACTOR | 1.0 |
| FLAT ROOF SNOW LOAD | 42 PSF (50 PSF AT SURGERY) |
| C. WIND LOADS: | |
| MAIN WIND-FORCE RESISTING SYSTEM | |
| BASIC WIND SPEED, V | 85 MPH |
| IMPORTANCE FACTOR, I | 1.0 |
| BASIC VELOCITY PRESSURE, P _v | 19.5 PSF |
| EXPOSURE | C |
| COMPONENTS AND CLADDING | C |
| D. SEISMIC DESIGN DATA: | |
| PEAK VELOCITY RELATED ACCELERATION, A _v | 0.11 |
| PEAK ACCELERATION, A _g | 0.11 |
| SEISMIC HAZARD EXPOSURE GROUP | I |
| SEISMIC PERFORMANCE CATEGORY | C |
| SOIL PROFILE TYPE | SI |
| SITE SOIL COEFFICIENT, S | 1.0 |
| BASIC STRUCTURAL SYSTEM | CENTRICALLY BRACED FRAME |
| RESPONSE MODIFICATION FACTOR, R | 5.0 |
| DEFLECTION AMPLIFICATION FACTOR, C _d | 4.5 |
| ANALYSIS PROCEDURE | EQUIVALENT LATERAL FORCE |

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Project Title
ORTHOPAEDIC ASSOCIATES, PA
BUILDING EXPANSION
33 SEWALL STREET
PORTLAND, MAINE

Issue/Revision	Date	Mark	Description
Project ID	01035		
CAD File Name			
Drawn By	DJT		
Checked By	DJT		
Issue Date	5/19/03		
Plot Date	5/19/03		
Reviewed by	DJT		
Designed by	DJT		
Submitted by			
Drawing Code			
Sheet Title	Foundation Plan General Notes Phase 1		
Drawing No.	S1		