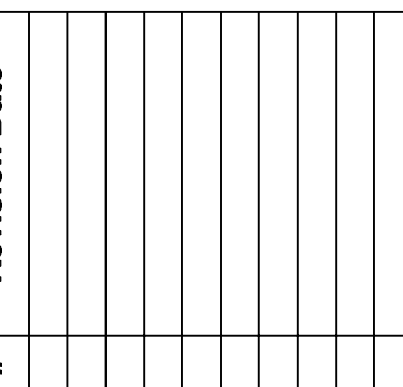


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Omni ARCHITECTS

CANNONDESIGN



Revision Date
#
GENERAL PROVISIONS
U of L Project Number:
Project Number:
Date:
Checked By:
Drawn By:

03667.00
March 02, 2012
ANTHONY
FOK

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1.1 GENERAL

- a. DESIGN DOCUMENT HIERARCHY:
1. THE GENERAL PROVISIONS OUTLINED HEREIN SHALL BE TREATED AS PART OF THE PROJECT SPECIFICATIONS & TAKE PRECEDENCE OVER OTHER DOCUMENTS RELATED TO THIS PROJECT...

PARAMETERS USED IN THE DESIGN OF THE PRINCIPAL FORCE-RESISTING STRUCTURAL SYSTEM
SNOW: GROUND SNOW LOAD (Pg) = 15 PSF
WIND: BASIC WIND SPEED = 90 MPH
SEISMIC: SEISMIC IMPORTANCE FACTOR (Ia) = 1.25

- b. CONSTRUCTION DEFICIENCIES:
1. REMEDIAL DESIGNS WILL BE NECESSARY TO CORRECT ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS DUE TO FIELD, FABRICATION AND/OR SUPPLY ERRORS...

1.2 ADMINISTRATIVE

- 1. THE STRUCTURAL ENGINEER RESERVES THE RIGHT TO ISSUE, AT VARIOUS STAGES OF CONSTRUCTION, DIRECTIVES AND SKETCHES TO FURTHER CLARIFY THE INTENT OF THE CONTRACT DOCUMENTS...

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SPICAL INSPECTIONS ARE DESCRIBED AS FOLLOWS (PER CBC):
KBC REQUIRED SECTION YES NO
1704.2 X INSPECTION OF FABRICATORS: ART. 1704.2.1

1.3 DESIGN NOTES

- 1. CONCRETE: MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS (fc) = CAST IN PLACE CONCRETE (C.I.P.) = 4000 PSI (U.N.O.)
2. MASONRY NET AREA COMPRESSIVE STRENGTH OF UNREINFORCED MASONRY, Fm = 1500 PSI-SEE SECTION 4.1 FOR GROUT AND MORTAR REQUIREMENTS.

STAMPING WHOLE OR PORTIONS OF DESIGN DRAWINGS, & THEIR USE AS SHOP DRAWINGS, IS IN VIOLATION OF CODE OF PROFESSIONAL PRACTICE AND OTHER C.I.P. CONCRETE MAXIMUM SLUMP, AT POINT OF PLACEMENT, SHALL BE 5" (+1") FOR SLABS AND 4" (+1") FOR ALL OTHER C.I.P. CONCRETE...

- 1. ALL MATERIALS USED IN THE CONCRETE CONSTRUCTION SHALL BE NEW. REINFORCING STEEL SHALL BE CONTINUOUS BETWEEN SPLICES. LOCATION OF ALL SPLICES SHALL BE PER PLANS OR AS APPROVED BY THE ARCHITECT...

ROOFS (U.N.O.): MECHANICAL ROOF AREAS 26.0 60.0 20.0
MECHANICAL STORAGE FLOORS 56.0 40.0 125.0
CORRIDOR FLOORS 56.0 40.0 125.0

MECHANICAL STORAGE FLOORS 56.0 40.0 125.0
CORRIDOR FLOORS 56.0 40.0 125.0
RACQUETBALL COURT FLOORS 56.0 42.0 125.0

- NOTE: THE ABOVE TABULATED LOADS ARE THE BASIS FOR DESIGN AND INCLUDE ALLOWANCES FOR ADVERSELY LOADED, WHERE NOT SPECIFICALLY LISTED. THE MAGNITUDE, LOCATION AND DESIGN REQUIREMENTS FOR SPECIFIC CONCENTRATED AND LOCALIZED SUPERIMPOSED LOADS, IN ADDITION TO THE BASIC ALLOWANCES, ARE REFERENCED IN THE PLANS.

1.4 SUBMITTALS

- 1. ANY REFERENCE TO SHOP DRAWINGS IN THE CONTRACT DOCUMENTS MEANS SHOP & ERECTION DRAWINGS. SHOP DRAWINGS ARE TO BE PREPARED BY THE CONTRACTOR, FOR THE SOLE PURPOSE OF DEMONSTRATING HIS/HER DEPTH OF UNDERSTANDING OF THE PROJECT REQUIREMENTS...

1.5 TYPICAL DETAILS

- 1. TYPICAL DETAILS SHOWN IN THESE PLANS ARE PROVIDED TO ILLUSTRATE DESIGN PHILOSOPHIES AND MINIMUM REQUIREMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACCOMMODATING SPECIFIC FIELD CONDITIONS WHILE PROVIDING FOR THE INTENT OF THE TYPICAL DETAILS.

1.6 MISCELLANEOUS NOTES

- 1. LAYOUT DIMENSIONS SHOWN ON THE STRUCTURAL PLANS HAVE BEEN DERIVED FROM THE ARCHITECT'S PLANS AND INCLUDED FOR THE CONTRACTOR'S CONVENIENCE. THE CONTRACTOR IS RESPONSIBLE FOR CORRELATING AND VERIFYING THE LAYOUT DIMENSIONS ON THE STRUCTURAL PLANS WITH THE DETAILS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL PLANS...

MECHANICAL STORAGE FLOORS 56.0 40.0 125.0
CORRIDOR FLOORS 56.0 40.0 125.0
RACQUETBALL COURT FLOORS 56.0 42.0 125.0

- NOTE: THE ABOVE TABULATED LOADS ARE THE BASIS FOR DESIGN AND INCLUDE ALLOWANCES FOR ADVERSELY LOADED, WHERE NOT SPECIFICALLY LISTED. THE MAGNITUDE, LOCATION AND DESIGN REQUIREMENTS FOR SPECIFIC CONCENTRATED AND LOCALIZED SUPERIMPOSED LOADS, IN ADDITION TO THE BASIC ALLOWANCES, ARE REFERENCED IN THE PLANS.

MECHANICAL STORAGE FLOORS 56.0 40.0 125.0
CORRIDOR FLOORS 56.0 40.0 125.0
RACQUETBALL COURT FLOORS 56.0 42.0 125.0

- NOTE: THE ABOVE TABULATED LOADS ARE THE BASIS FOR DESIGN AND INCLUDE ALLOWANCES FOR ADVERSELY LOADED, WHERE NOT SPECIFICALLY LISTED. THE MAGNITUDE, LOCATION AND DESIGN REQUIREMENTS FOR SPECIFIC CONCENTRATED AND LOCALIZED SUPERIMPOSED LOADS, IN ADDITION TO THE BASIC ALLOWANCES, ARE REFERENCED IN THE PLANS.

MECHANICAL STORAGE FLOORS 56.0 40.0 125.0
CORRIDOR FLOORS 56.0 40.0 125.0
RACQUETBALL COURT FLOORS 56.0 42.0 125.0

1.7 CABINET DESIGN AND ANCHORING

- 1. CABINET AND CASEWORK DESIGN AND ITS ANCHORING TO STRUCTURAL ELEMENTS SUCH AS WALLS, BEAMS, JOISTS, COLUMNS, ETC. SHALL BE IN ACCORDANCE WITH SECTION 1017, "EARTHQUAKE LOADS" OF THE INTERNATIONAL BUILDING CODE, CURRENT EDITION. SEISMIC DESIGN PARAMETERS ARE FURNISHED UNDER GENERAL PROVISION NOTES SECTION 1.3 "DESIGN NOTES" SHOWN ON THE STRUCTURAL DRAWINGS.

3.1 CONCRETE NOTES

- 1. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE AS NOTED IN THE DESIGN NOTES. UNLESS NOTED OTHERWISE, MINIMUM CEMENT PER CUBIC YARD OF CONCRETE SHALL BE 540 POUNDS FOR SLABS, 560 POUNDS FOR ALL OTHER C.I.P. CONCRETE.

3.2 SLAB NOTES

- 1. SLABS ON GRADE OR METAL DECK SHALL BE IN ACCORDANCE WITH ACI 302.1R-04 MANUAL OF CONCRETE PRACTICE "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION". THE CONTRACTOR SHALL MAINTAIN AN UP-TO-DATE CONTINGENCY LOG SHEET AND PROVIDE SUCH LOG SHEET TO THE ARCHITECT, AT THE ARCHITECT'S REQUEST FOR SUCH. GENERAL CONTRACTOR SHALL ALSO ASSIGN A PER POUND UNIT PRICE VALUE FOR THE CONCRETE AND FOR THE REINFORCING STEEL, AND ABUSE BY THIS PRICE FOR THE DURATION OF THE PROJECT.

3.3 SLABS TO RECEIVE MOISTURE-SENSITIVE FLOOR COVERINGS:

- 1. THE CONTRACTOR SHALL RETAIN THE SERVICES OF AN INDEPENDENT TESTING LABORATORY TO MEASURE THE MOISTURE CONTENT OF THE SLAB, PH OF THE SURFACE TO RECEIVE FLOOR COVERINGS, AND TO MONITOR MOISTURE EMISSION FROM THE SURFACE TO RECEIVE THE COVERING. THE CONTRACTOR SHALL REVIEW THE TEST RESULTS FROM THE LABORATORY AGAINST THE FLOOR COVERING AS WELL AS FLOORING MANUFACTURER'S INSTRUCTIONS AND CARRYOUT THE INSTALLATION PROVIDED ALL REQUIREMENTS ARE MET.

THICKNESS OF SLABS LAYERS LOCATION REINFORCEMENT
3.00" to 8.00" 1 BOTTOM #4 at 12" E-W
6.01" to 8.00" 2 TOP AND BOT. #4 at 12" E-W
8.01" to 12.00" 2 TOP AND BOT. #6 at 12" E-W

- 1. THE CONTRACTOR SHALL RETAIN THE SERVICES OF AN INDEPENDENT TESTING LABORATORY TO MEASURE THE MOISTURE CONTENT OF THE SLAB, PH OF THE SURFACE TO RECEIVE FLOOR COVERINGS, AND TO MONITOR MOISTURE EMISSION FROM THE SURFACE TO RECEIVE THE COVERING. THE CONTRACTOR SHALL REVIEW THE TEST RESULTS FROM THE LABORATORY AGAINST THE FLOOR COVERING AS WELL AS FLOORING MANUFACTURER'S INSTRUCTIONS AND CARRYOUT THE INSTALLATION PROVIDED ALL REQUIREMENTS ARE MET.

3.4 CHEMICAL ANCHORS AND DRILL-AND-DOWEL REBAR

- NOTE: CHEMICALLY ANCHORED HARDWARE AND DOWELS MAY NOT BE DETAIL IN THE PLANS BUT SHOULD THEIR USE BE DEEMED NECESSARY, & APPROVED BY THE ARCHITECT OR ENGINEER, THEY SHALL BE AS FOLLOWS:

5.1 STRUCTURAL STEEL NOTES

- 1. STRUCTURAL STEEL CONSTRUCTION SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", CURRENT EDITION.