

**GENERAL NOTES:****DESIGN LOADS**

- DEAD LOADS, LIVE LOADS AND WIND LOADS ARE SPECIFIED ON THE PLAN SHEETS.
- THIS STRUCTURE HAS BEEN DESIGNED TO COMPLY WITH LATEST EDITION OF THE FLORIDA BUILDING CODE AND THE INTERNATIONAL BUILDING CODE.

**CONSTRUCTION SCHEDULE**

- THESE DRAWINGS DO NOT INCLUDE PROVISIONS TO SAFETY SAFETY REQUIREMENTS. CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING SAFETY DURING CONSTRUCTION, AND FOR CONFORMING TO ALL APPLICABLE OSHA STANDARDS. URGENT VISITS BY ENGINEER/PUBLIX REG. SHALL NOT CONSTITUTE APPROVAL, AWARENESS OR LIABILITY FOR ANY HAZARDOUS CONDITIONS.
- DO NOT OVERLOAD ONE JOIST OR SPAN OF A BEAM CONTINUOUS OVER SEVERAL SUPPORTS. BEAMS SHOULD BE LOADED IN A GRADUAL AND STAIR-STEP MANNER UNTIL THE FULL ALLOWABLE MAXIMUM DIFFERENTIAL SOIL SETTLEMENTS ARE EXCEEDED.
3. ERECTION SEQUENCE SHALL BE DETERMINED BY THE CONTRACTOR, AND SHALL NOT CAUSE OVERSTRESS OR EXCESSIVE DEFORMATION OF STRUCTURAL MEMBERS.
4. NO PROVISION HAS BEEN MADE IN THE STRUCTURAL DESIGN FOR TEMPORARY CONDITIONS OCCURRING DURING CONSTRUCTION, UNLESS NOTED SPECIFICALLY ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BRACING AND BRACING REQUIRED TO RESIST STRESSES OR INSTABILITY OCCURRING FROM ANY CAUSE DURING CONSTRUCTION. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR SUCH MEASURES.
5. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES.

**DRAWINGS AND SPECIFICATIONS**

- DO NOT SCALE THESE DRAWINGS FOR DIMENSIONS NOT GIVEN.
- THE CONTRACTOR SHALL FURNISH A PORTION OF THE WORK AT ANY TIME WITHOUT CONTRACT DOCUMENTS OR WHERE REQUIRED, APPROVED SHOP DRAWINGS.
- THESE GENERAL STRUCTURAL NOTES ARE INTENDED TO EMPHASIZE CERTAIN INFORMATION MORE COMPLETELY DISCUSSED IN THE PROJECT SPECIFICATIONS AND SHEETS. THE CONTRACTOR SHOULD BE FAMILIAR WITH THESE REQUIREMENTS AS STATED IN THE SPECIFICATIONS.

**FOUNDATIONS**

- FOUNDATION DESIGNED FOR THE SOIL BEARING PRESSURE AS DESCRIBED IN THE DESIGN CRITERIA. IF CONDITIONS AT THE SITE DO NOT PROVIDE THIS MINIMUM VALUE, NOTIFY PUBLIX STRUCTURAL ENGINEER IMMEDIATELY.
- FOUNDATION SIZES SHALL NOT BE REDUCED FOR ANY REASON, EVEN IF HIGHER SOIL BEARING VALUES ARE ACHIEVED.
- TOP OF ALL FOOTINGS TO BE A MINIMUM OF 24" BELOW FINISHED FLOOR, UNLESS NOTED OTHERWISE.
- PUBLIX REQUIRES THAT MAXIMUM TOTAL SOIL SETTLEMENT BE LIMITED TO 0.5% OF SPAN LENGTH. DIFFERENTIAL SOIL SETTLEMENTS NOT EXCEED 1/2".
- PUBLIX REQUIRES THAT MINIMUM TOTAL SOIL SETTLEMENT BE LIMITED TO 1% OF SPAN LENGTH. DIFFERENTIAL SOIL SETTLEMENTS NOT EXCEED 1/2".
- IF NECESSARY, CONTRACTOR TO PROVIDE REPORT OF 90% OF MODIFIED PROCTOR OR 90% OF STANDARD PROCTOR. REFER TO SITE SPECIFIC GEOTECHNICAL REPORT FOR MORE INFORMATION.
- IF ANY UNDERGROUND UTILITY LINES THAT PASS UNDER FOOTINGS OR THROUGH MASONRY STON WORK DO NOT HAVE HORIZONTAL PROJECTIONS THROUGH FOOTINGS.

**REINFORCED CONCRETE**

- CONCRETE MATERIALS, MIXING AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES AND SHALL CONFORM TO THE LATEST EDITIONS OF AC 301, AC 318 AND ASTM C 94.
- REINFORCING STEEL SHALL CONFORM TO ASTM A 615 YIELD STRENGTH = 60 KSI. MINIMUM.
- CONTRACTOR SHALL SUBMIT REINFORCEMENT SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE CONCRETE MIX DESIGN FOR REVIEW PRIOR TO POURING. PUBLIX MIX DESIGN REQUIREMENTS: NO CEMENT REPLACEMENT; FLY ASH SLAG; MINIMUM CEMENT CONTENT: 300 LBS. MAX. W/C RATIO: 0.58 FOR 3000 PSI, 0.44 FOR 4500 PSI.
- THE FOLLOWING ARE GENERAL GUIDELINES FOR AIR CONTENT. THE CONCRETE SUPPLIER IS IMMEDIATELY RESPONSIBLE FOR SELECTING THE AIR CONTENT, BASED ON PLACEMENT LOCATION, EXPOSURE LEVELS AND WORKABILITY.

- WALL AND SLAB = 1 TO 3% (ENTRAPPED).
- FOOTINGS, FREEZER SLABS = 2 TO 4% (ENTRAPPED OR ENTRAINED).
- EXTERIOR CONCRETE = 13 TO 16% (ENTRAINED).
- CONTRACTOR SHALL PROVIDE COPIES OF ALL STRUCTURAL CONCRETE COMPRESSIVE STRENGTH TEST RESULTS TO THE ENGINEER OF RECORD FOR REVIEW. ALSO, CONTRACTOR TO HAVE COPIES OF CONCRETE TEST REPORTS AVAILABLE ON SITE.

- FOR READY MIX CONCRETE, THE MAXIMUM TIME PERMITTED BETWEEN BATCHING AND DEPOSITING IN THE FORMS IS 90 MINUTES. CONCRETE EXCEEDING THE ABOVE SHALL BE REJECTED.
- THE ADDITION OF WATER AT THE SITE TO INCREASE CONCRETE SLUMP SHALL NOT BE ALLOWED AND SHALL BE JUST CAUSE FOR REJECTION OF THAT BATCH OF CONCRETE.
- SPECIFIED CONCRETE COVER FOR REINFORCEMENT, UNLESS NOTED OTHERWISE ON DRAWINGS.
- CAST AGAINST EARTH = 2"
- EXPOSED TO EARTH OR WEATHER = FOR 90 OR LESS USE 1 1/2"; ALL OTHERS 2"

- BEAMS AND COLUMNS = 1 1/2"
- ALL NEW REINFORCEMENT SHALL BE SECURELY HELD IN PLACE BY STANDARD ACCESSORIES DURING CONCRETE PLACEMENT.
- PROVIDE THE FOLLOWING MINIMUM LAP SPACES: #4-39, #5-36, #6-42, #7-48, #8-54, #9-60, #10-72, #11-84, #12-96, #13-108, #14-126, #15-144, #16-162, #17-180, #18-198, #19-216, #20-234, #21-252, #22-270, #23-288, #24-306, #25-324, #26-342, #27-360, #28-378, #29-396, #30-414, #31-432, #32-450, #33-468, #34-486, #35-504, #36-522, #37-540, #38-558, #39-576, #40-594, #41-612, #42-630, #43-648, #44-666, #45-684, #46-702, #47-720, #48-738, #49-756, #50-774, #51-792, #52-810, #53-828, #54-846, #55-864, #56-882, #57-900, #58-918, #59-936, #60-954, #61-972, #62-990, #63-1008, #64-1026, #65-1044, #66-1062, #67-1080, #68-1098, #69-1116, #70-1134, #71-1152, #72-1170, #73-1188, #74-1206, #75-1224, #76-1242, #77-1260, #78-1278, #79-1296, #80-1314, #81-1332, #82-1350, #83-1368, #84-1386, #85-1404, #86-1422, #87-1440, #88-1458, #89-1476, #90-1494, #91-1512, #92-1530, #93-1548, #94-1566, #95-1584, #96-1602, #97-1620, #98-1638, #99-1656, #100-1674, #101-1692, #102-1710, #103-1728, #104-1746, #105-1764, 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