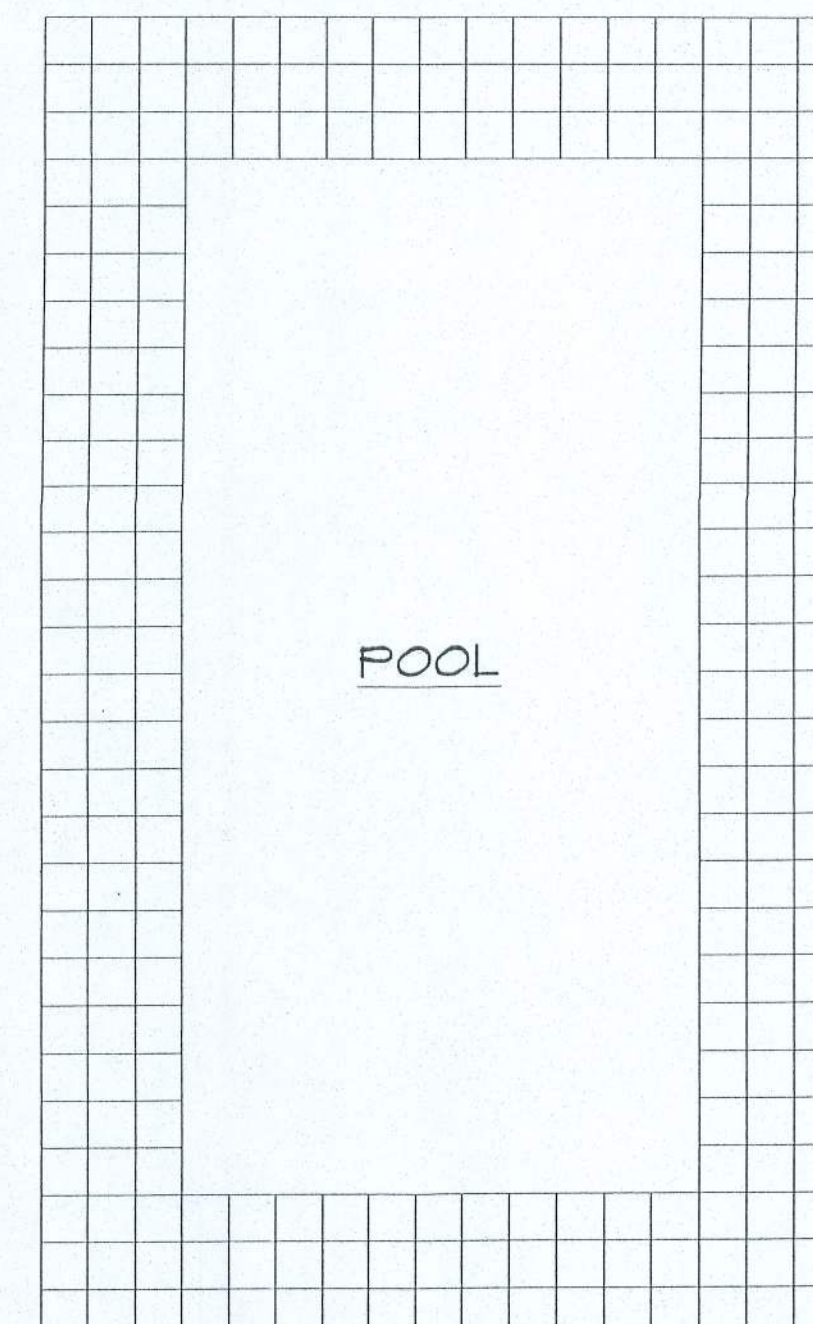
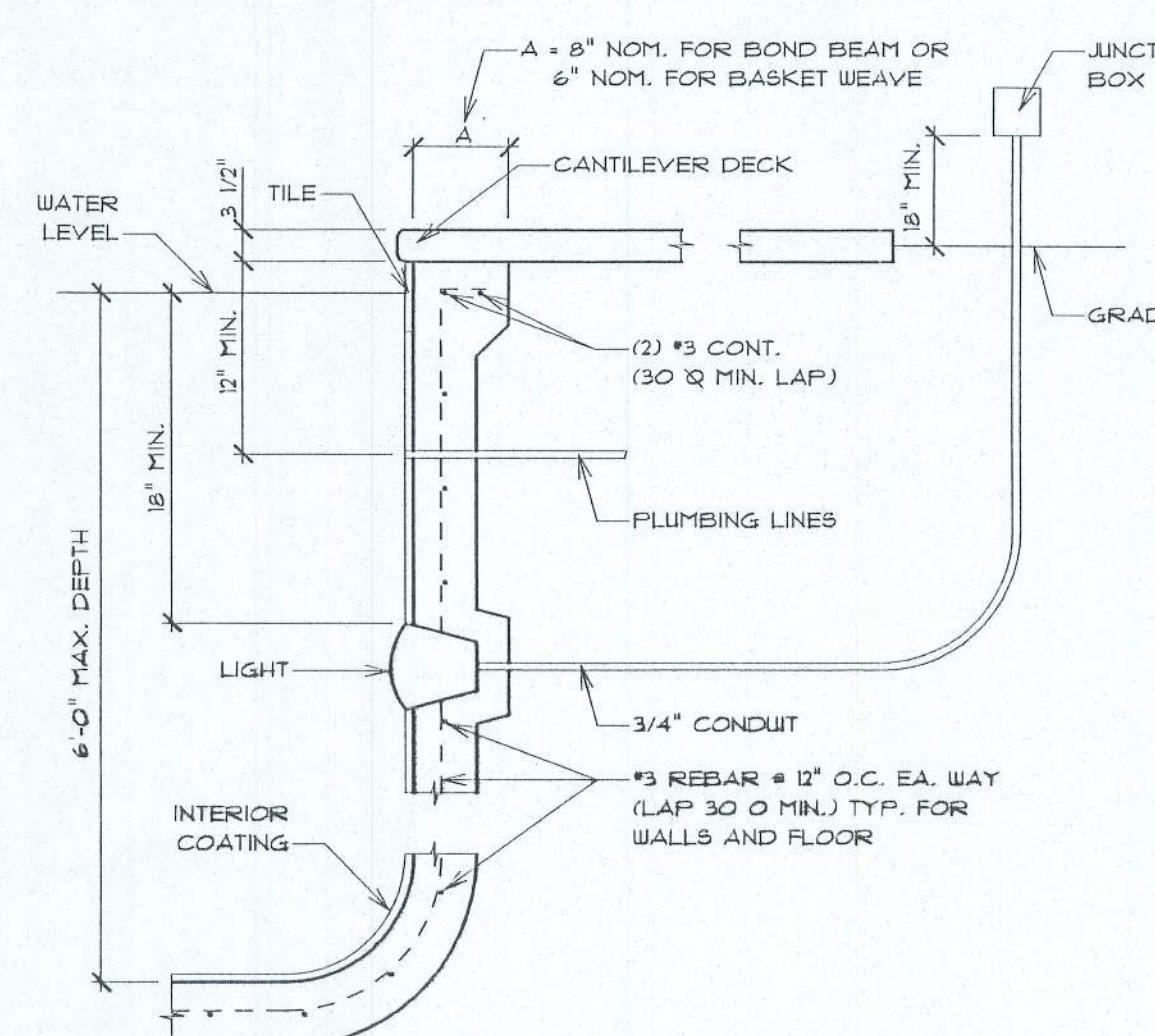
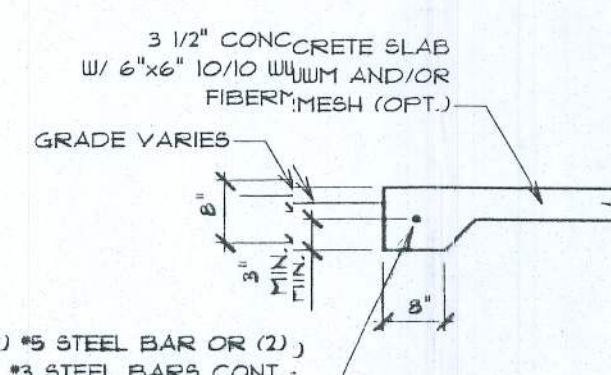


1. CONC. FILL ALL BLOCK CELLS
 2. CONC. TO BE 3000 P.S.I. @ 28 DAYS
 3. FOOTING AND WALL HEIGHT MAY BE STEPPED TO ADJUST FOR GRADE WHERE WALL HEIGHT OR FOOTING ELEVATION IS STEPPED CONT. HORIZ. REIN. MUST BE STEPPED.
 4. WEIGHT OF ASSUMED SOIL BACK-FILL IS 100 PCF AND EQUIVALENT FLUID PRESSURE IS 45 PCF. THERE IS NO SURCHARGE AND MAXIMUM SOIL BEARING CAPACITY IS 1500 PSF.
- 5) WALL HEIGHT: 5 BAR REIN. O.C. SPACING:
WALL HEIGHT SPACING OF VERT. REIN.
----- (ft) * (SEE NOTE 7) -----
3'-4" 54" O.C.
4'-0" 48" O.C.
4'-8" 48" O.C.
5'-4" 40" O.C.
6'-0" 40" O.C.
6'-8" 32" O.C.



1. BONDING GRID MATERIAL TO BE ANY REBAR MATERIAL TIED AND PLACED A MINIMUM OF 12" O.C. OR 6x6x10 W.W.M. PLACED A MAXIMUM OF 3'-0" FROM WATERS EDGE.
2. BONDING GRID TO SUPPORTED ON CHAIRS W/ 1/2" MIN. GROUND CLEARANCE.
3. BONDING GRID TO BE BONDED TO #8 GROUND WIRE.
4. PER NEC&80.26(C)

- AMERICAN NATIONAL STANDARDS INSTITUTE
- ANSI/NFPA - 3 1999 PERMANENTLY INSTALLED
RESIDENTIAL SPAS
- ANSI/NFPA - 5-03 STANDARD FOR RESIDENTIAL
INGROUND SWIMMING POOLS
- AMERICAN NATIONAL STANDARDS INSTITUTE
AMERICAN SOCIETY OF MECHANICAL ENGINEERS
- 2005 NATIONAL ELECTRICAL CODE
- 2004 FLORIDA RESIDENTIAL CODE -
SECTION R-401.6

1. POOL MUST MEET CODE SETBACK REQUIREMENTS.
2. COMPACTION TEST IS NOT REQUIRED EXCEPT WHEN POOL IS PLACED ON FILL. (COMPACTION SHALL BE 95% OF SOIL DENSITY)
3. REINFORCING STEEL BARS - ASTM A15-58T & A305-58T
4. ALL REINFORCING BARS, POOL & METAL DECK EQUIPMENT TO BE GROUNDING.
5. WALLS & FLOOR - PNEUMATICALLY PLACED OR MACHINE MIXED CONCRETE. (GRADE A, 2500 P.S.I. @ 28 DAYS)
WALLS & FLOOR: 6" THICK (MIN.)
6. 3 1/2" THICK CONCRETE DECKING AROUND POOL TO BE REINFORCED WITH 6x6 WELDED WIRE MESH AND/OR FIBER MESH AND/OR #3 REBAR (MIN.) AT 24" O.C.
7. SEE PUMP & FILTER DATA SHEET FOR HYDRAULIC REQ.
8. ANY VARIATION OF STANDARD POOL CRITERIA MUST BE ACCOMPANIED BY LETTER FROM A LICENCED ENGINEER.
9. CONSTRUCTION MUST ADHERE TO FLORIDA RESIDENTIAL CODE SECTION R401.7 REGARDING BARRIER REQ.
10. ALL POOLS EXCEEDING 8' OF DEPTH WILL REQUIRE SUPPLEMENTAL ENGINEERING.
11. NO DIVING BOARDS OR SLIDES
12. APPLIES TO BOTH POOLS AND SPAS
13. SYSTEM IS DESIGNED AND TESTED AT 60 GAL./MIN., 6 FEET PER SECOND.
14. THESE PLANS MAY BE USED FOR MASTER FILE PURPOSES.
15. THIS DESIGN HAS BEEN TESTED TO BE IN COMPLIANCE WITH FLORIDA RESIDENTIAL CODE SECTION R401.6.6.3
MAXIMUM VACUUM DOES NOT EXCEED 4 1/2" OF MERCURY AND IS RELEASED IN LESS THAN 3 SECONDS.
16. THIS ENGINEERING EXPIRES ON 1-29-08 OR UNTIL SUPERCEDED BY NEW CODE, WHICHEVER OCCURS FIRST.

886-532-8000

Molyet Engineering LLC
Bryan A. Molyet P.E. # 041509
Cert. of Auth. #00009855
1060 East Industrial Drive
Suite W
Orange City, FL 32763

The standard of care for all professional services performed or furnished by Consultant under this Agreement will be the skill and care used by members of Consultants' profession practicing under similar circumstances at the same time and in the same locale. Consultant makes no warranties, express or implied, under this Agreement or otherwise in connection with Consultants' services.

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RESIDENTIAL DESIGN

SWIMMING POOL
 Pool Contractor : *Paradise Pool Company of Gainesville*
 Licence No : _____ Address : _____
 Tel. No : _____

I Certify That I Have Reviewed These Plans And They Conform To:

Chapter 15-1 of the 2004
Florida Building Code

Chapter 1305 of the 204 Florida
Residential Use

Design Criteria:

Basic Wind Speed	120 mph
Wind Importance Factor	I
Building Category	II
Wind Exposure	B
Internal Pressure Coefficient	+/- 0.18
Components & Cladding Design	+25.3/-34.7
Roof Deck Design Pressure	+25.3/-34.7

No Other Conditions
Are Stated or Implied

Bryan A. Mader, P.E.
Mader Engineering LLC
1600 E. Industrial Drive
West Orange, FL 32786
OR 404 1216
Certificate of Authorization #000008855

On _____
Not Valid Without Required
Seal and Signature Below Ink

DATE
January 26 2007
DRAWN BY:
T.S.B.
10:42 AM
11.2.4
SoftPlan Lite
Swinning Pool

SHEET NO:
P-1