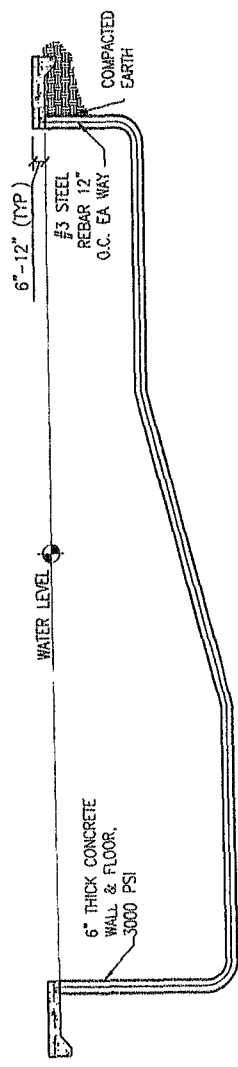
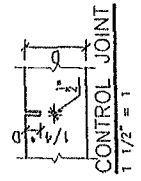
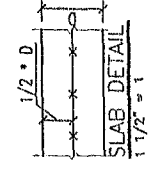
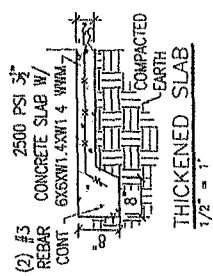
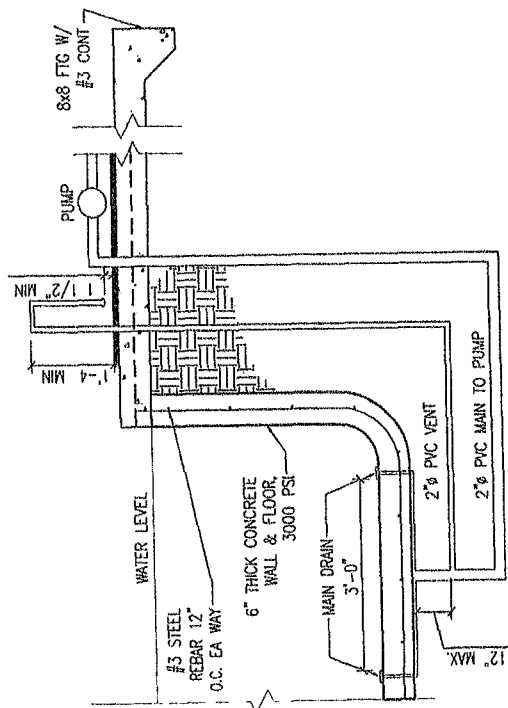




PIPE SIZING CHART (MAX)			
PIPE	SUCTION	PRESSURE	
1 1/2"	35 GPM	60 GPM	
2"	60 GPM	100 GPM	

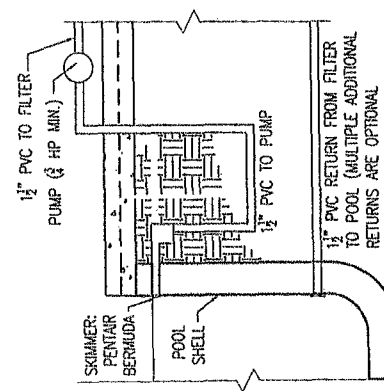


SECTION 3/16" = 1'



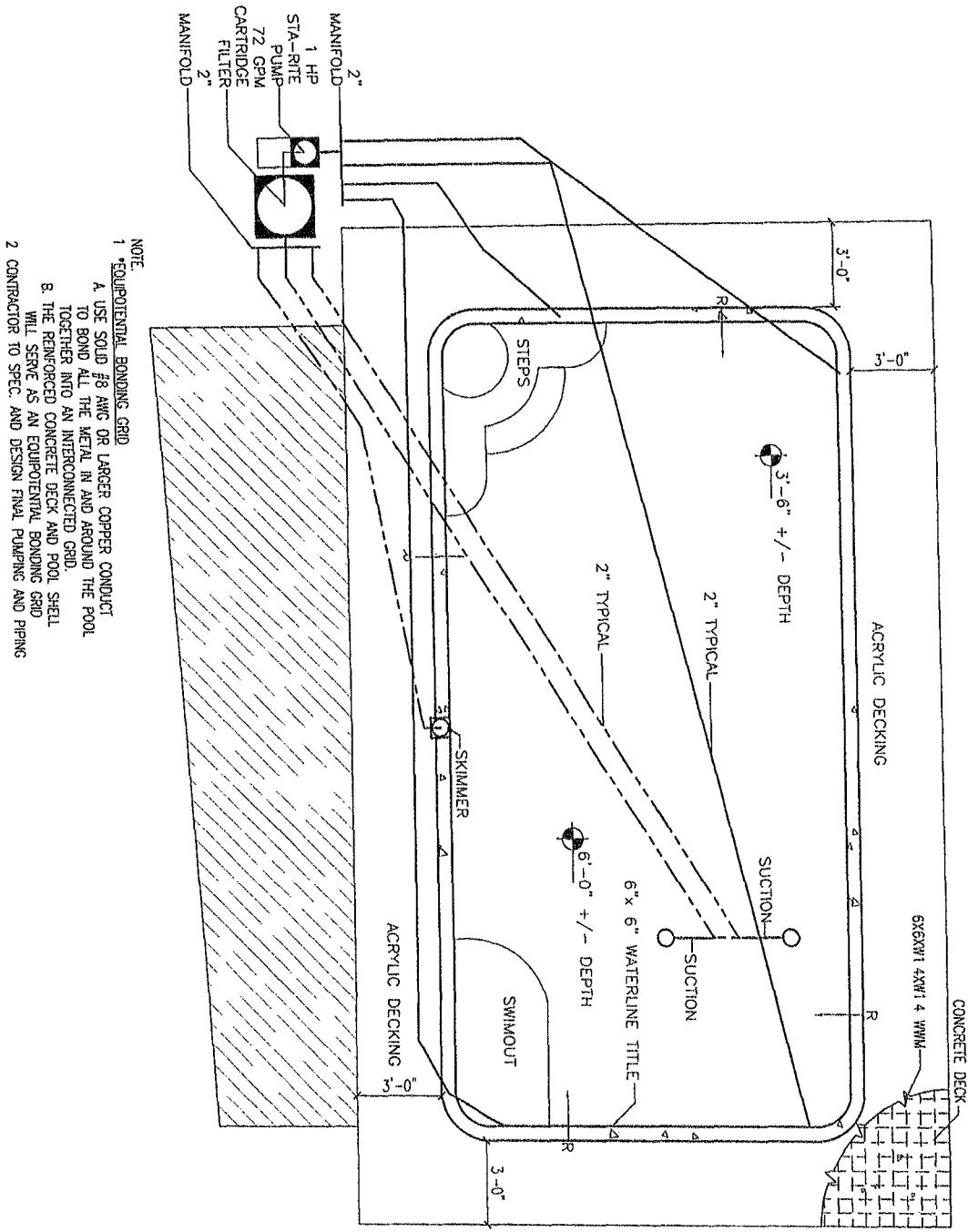
- NOTES.
1. MAIN SUCTION LINE IS TO BE 2"
 2. VENT LINE IS TO BE 2"
 3. LABEL VENT "HANDS-OFF, POOL SAFETY DEVICE"
 4. MAXIMUM UNDERWATER LENGTH OF VENT PIPE IS 30' 90° BENDS SHOULD BE COUNTED AS 3' OF PIPE, 45° BENDS AS 2'
 5. MINIMUM PUMP FLOW REQUIRED IS 42 GPM; TEST FLOW RATE OF 60 GPM CLEARED VENT LINE IN LESS THAN 3 SECONDS

MAIN DRAIN WITH AIR VENT 1/2" = 1'



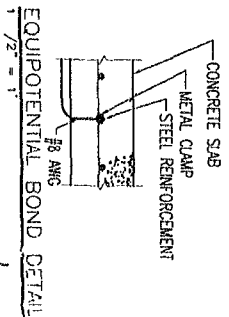
SKIMMER MAIN RETURN SYSTEM SUCTION PIPEWORK DIAGRAM 1/8" = 1'-0"

4/20/10

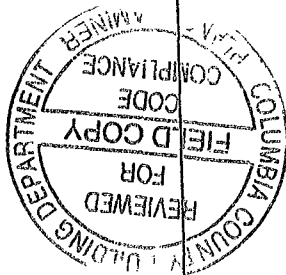


NOTE:
1 *EQUIPOTENTIAL BONDING GRID

- A. USE SOLID #8 AWG OR LARGER COPPER CONDUCT TO BOND ALL THE METAL IN AND AROUND THE POOL TOGETHER INTO AN INTERCONNECTED GRID.
- B. THE REINFORCED CONCRETE DECK AND POOL SHELL WILL SERVE AS AN EQUIPOTENTIAL BONDING GRID.
- 2 CONTRACTOR TO SPEC. AND DESIGN FINAL PUMPING AND PIPING



REV.	DATE	REVISION NOTES
0	05-18-10	ISSUED FOR CONSTRUCTION



PEELER POOLS CERTIFIED POOL PLANS

LEGEND

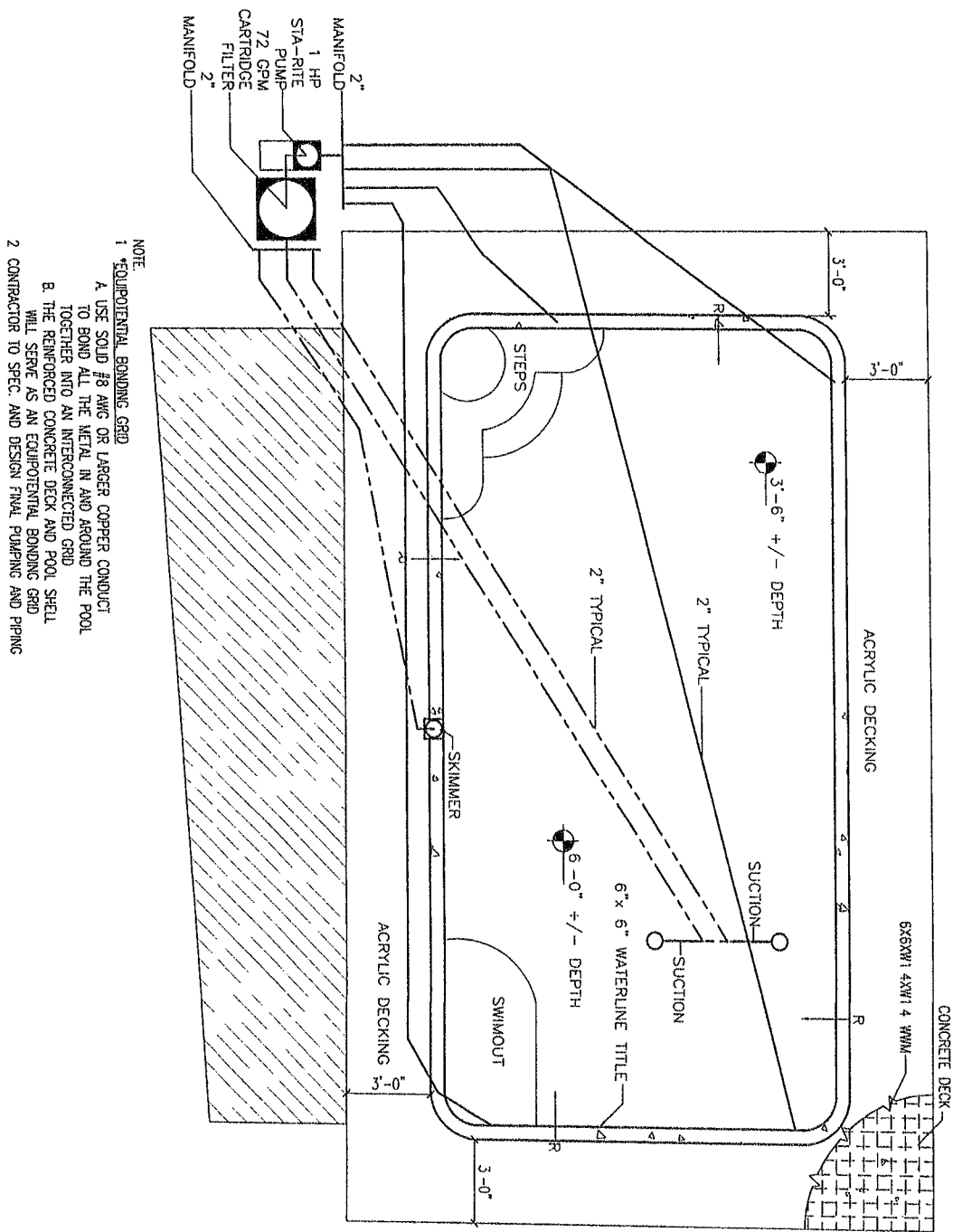
SYMBOL	DESCRIPTION
	ELEVATION MARK
	SECTION MARK
	DETAIL CALLOUT
	ELEVATION INDICATOR
	DOOR TAG
	WINDOW TAG
	ROOM TAG
	REVISION CLOUD
	W/T TAG

DRAWING INDEX - BUILDING PACKAGE			
SHEET #	SHEET TITLE	REV #	REV DATE
T-10	TITLE SHEET	0	05-18-10
S-10	SECTIONS	0	05-18-10
A-10	PLAN VIEW	0	05-18-10

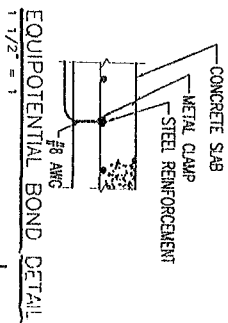
- GENERAL DESIGN REQUIREMENTS:**
1. DESIGN DIMENSIONS SHALL COMPLY WITH SPECIFICATIONS IN ANSI/NSPI 5 RESIDENTIAL IN-GROUND POOLS BASED ON THE POOL TYPE AND NSPI 3 PERMANENTLY INSTALLED RESIDENTIAL SPAS.
 2. SEE ANSI/NSPI 5 FOR DIVING WATER ENVELOPES.
 3. SLIDES SHALL MEET MANUFACTURER'S INSTALLATION REQUIREMENTS.
 4. ENTRY/EXIT SHALL COMPLY WITH ANSI/NSPI 5 AND NSPI 3 LADDERS, UNDERWATER SEATS AND SWIM OUTS (MAX. 20" BELOW WATER).
 5. CIRCULATION SYSTEMS, COMPONENTS & EQUIPMENT SHALL COMPLY W/ NSF 50.
 6. THE MAXIMUM TURNOVER RATE IS 12 HOURS.
 7. FILTERS SHALL HAVE AN AIR RELIEF AND PRESSURE GAUGE PUMPS 3 HP AND LESS SHALL MEET ANSI/UL 1081.
 8. CORROSION RESISTANT STRAINER AND MEET THE REQUIRED FLOW.
 9. SURFACE SKIMMERS SHALL MEET NSF 50 AND THERE SHALL BE ONE FOR EVERY 800 SQUARE FEET OF SURFACE AREA.
 10. RETURN INLETS SHALL BE A MINIMUM OF ONE FOR EVERY 600 SQ. FT.
 11. HEATERS SHALL MEET ANSI-Z21.56 OR UL1261 OR UL559.
 12. DISINFECTANT EQUIPMENT SHALL COMPLY WITH NSF 50.
 13. PRESSURE TEST PIPING AT 35 PSI FOR 15 MINUTES OR MEET LOCAL CODE IF GREATER.
 14. POOL SHAPE IS FREE FORM, ABOVE SHAPE AND DIMENSION ARE APPROXIMATE.
 15. ASSUMED SOIL BEARING = 1.5 KSF.
 16. INSTALL CONTROL JOINTS @ 20'-0" O.C. IN POOL DECKING.
 17. CONCRETE STAIRS ARE 12" TREAD WITH AND 10" MAX. HEIGHT.
 18. LIGHTING IF INSTALLED WILL BE FIBER OPTIC OR LED.
 19. ALL EQUIPOTENTIAL BONDING SHALL BE INSTALLED PER 2008 NEC 680.26.
 20. SLAB AND FOOTING 2500 PSI CONCRETE, GRADE 40 STEEL REBAR.

- SPECIAL SPA REQUIREMENTS:**
1. MAXIMUM WATER DEPTH 4', MAXIMUM SEAT DEPTH 28" MAXIMUM FLOOR SLOPE 1:12.
 2. STEPS, MINIMUM TREAD = 10"x12", MINIMUM RISE=7" 14" IF IT IS THE SEAT INTERMEDIATE TREADS AND RISERS TO BE UNIFORM.
 3. SLIDES SHALL MEET MANUFACTURER'S INSTALLATION REQUIREMENTS.
 4. IF THE SPA IS OPERATED INTERMITTENTLY IT SHALL HAVE A ONE HOUR TURNOVER.
 5. MAXIMUM TEMPERATURE IS 104° FAHRENHEIT.
 6. MEET ANSI/NSPI ARTICLE XVI SAFETY INSTRUCTION/SAFETY SIGN.
 7. PRESSURE TEST PIPING AT 35 PSI FOR 15 MINUTES OR MEET LOCAL CODE IF GREATER.
- ELECTRICAL REQUIREMENTS**
1. WIRING AND BONDING AND ALL ELECTRICAL TO NEC ARTICLE 680 OR LOCAL CODE.
 2. NO OUTLET OR OVERHEAD POWER WITHIN 10' IF WITHIN 15' PROTECT BY GFI TRANSFORMER MINIMUM 10' FROM POOL. 8" ABOVE WATER J BOX 4' FROM POOL. BRASS TO J BOX OR TRANSFORMER WHICH EVER IS FIRST EXCEPT WHERE PVC IS APPROVED.
 3. EQUIPOTENTIAL BONDING GRID TO BE ACCOMPLISHED PER THE NEC, SECTION 650.26 (C)(3)b.

- ADDITIONAL NOTES:**
1. POOL INSTALLATION SHALL BE BY A QUALIFIED AND LICENSED (APPROVED BY LOCAL BUILDING DEPARTMENT) POOL CONTRACTOR. THE INSTALLATION SHALL CONFORM TO ALL LOCAL BUILDING CODES, IE. PERMITS, SPECIFICATIONS, CODES, RULES, INSPECTIONS, WORKMANSHIP, ETC.
 2. POOL SHELL SHALL BEAR ON UNDISTURBED SOIL, FREE OF PEAT, MUCK, OR OTHER DELETERIOUS MATERIAL OF ANY SIGNIFICANT AMOUNT.
 3. BACKFILL MATERIAL MUST NOT CONTAIN ROCKS OR OTHER MATERIALS THAT COULD DAMAGE POOL WALLS.
 4. POOL TURNOVER SHALL BE 12 HOURS, MAXIMUM WITH CARTRIDGE FILTER, APPROVED PUMP (MIN. 1/2 HP WITH 29 GPM 60 TDH).
 5. STEPS SHALL BE PROVIDED AT THE SHALLOW END OF THE POOL.
 6. LADDERS ARE TO BE PROVIDED IN POOLS WITH GREATER THAN 5' DEPTH WITHOUT SWIMMOUTS.
 7. INSTALL LOW VOLTAGE LIGHT PER NEC 680.
 8. DURING HURRICANE WARNING OR ALERT, THIS POOL SHALL BE FILLED WITH WATER.
 9. ALL GLASS WITHIN 5' OF WATERS EDGE SHALL COMPLY WITH R308.4(9) FOR SAFETY GLAZING.



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 TOGETHER INTO AN INTERCONNECTED GRID
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 WILL SERVE AS AN EQUIPOTENTIAL BONDING GRID
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PLAN VIEW

PEELER POOLS
 CERTIFIED POOL PLANS
 FLORIDA

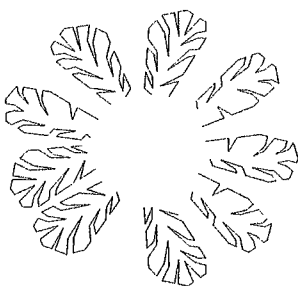
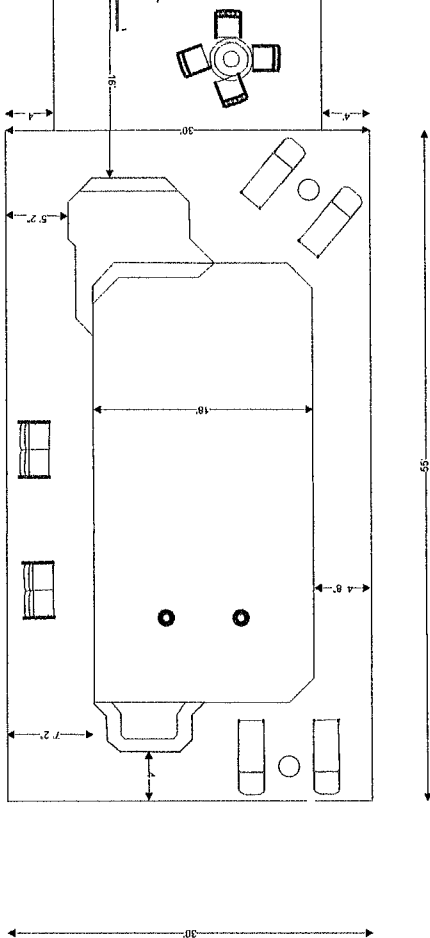
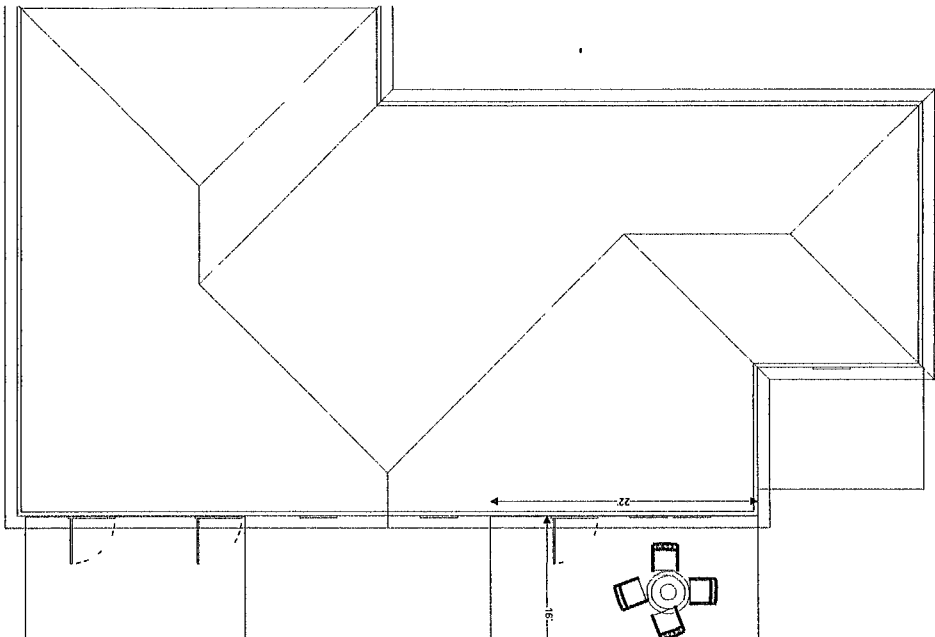


P.O. BOX 187
 130 W. HOWARD STREET
 LIME CREEK, FL 32064
 PHONE: (304) 362-3878
 FAX: (304) 362-6133
 GARY L. PEELER, DESIGNER

REV	DATE	REVISION NOTES
0	05-10-10	ISSUED FOR CONSTRUCTION

A-10
 1/2" = 1'

Wang



100' x 100' lot

100' side

100' + floor

PEELER POOLS, INC.
9878 SOUTH US HIGHWAY 441
LAKE CITY, FL 32025
386-755-2848

