

RECEIVED FOR
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PLANS EXAMINER
COLUMBIA COUNTY BUILDING DEPARTMENT

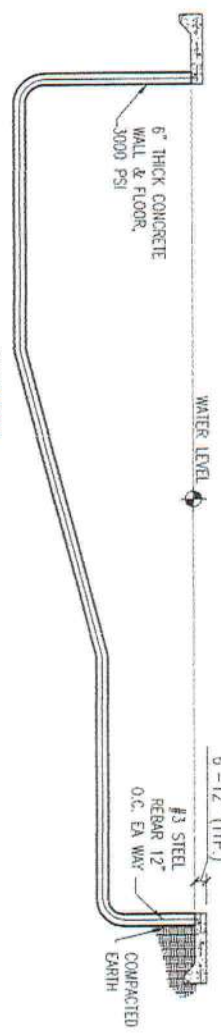
[illegible]- BUILDING
PACKAGE

SHEET #	SHEET TITLE	REV #	REV DATE
T-1.0	TITLE SHEET	0	05-18-10
S-1.0	SECTIONS	0	05-18-10
A-1.0	PLAN VIEW	0	05-18-10

- SPECIAL SPA REQUIREMENTS:
1. MAXIMUM WATER DEPTH

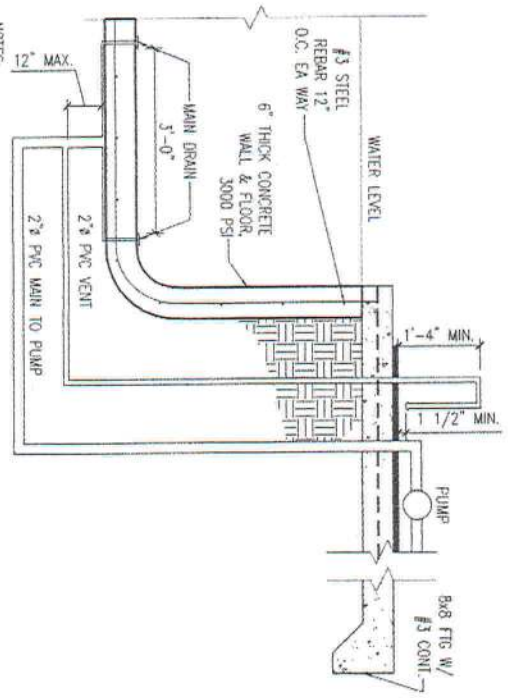
- ADDITIONAL NOTES**

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



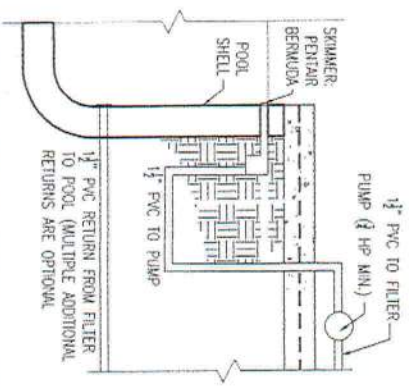
SECTION
3/16" = 1'

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

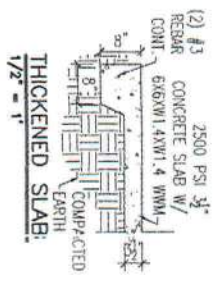


- NOTES:
1. MAIN SUCTION LINE IS TO BE 2"
 2. VENT LINE IS TO BE 2"
 3. LABEL VENT "HANDS-OFF, POOL SAFETY DEVICE"
 4. MAXIMUM UNDERWATER LENGTH OF VENT PIPE IS 30'; 90° BENDS SHOULD BE COUNTED AS 3' OF PIPE. 45° BENDS AS 2'
 5. MINIMUM PUMP FLOW REQUIRED IS 42 GPM. TEST FLOW RATE OF 60 GPM CLEARED VENT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

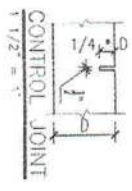
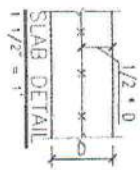
MAIN DRAIN WITH AIR VENT
1/2" = 1'



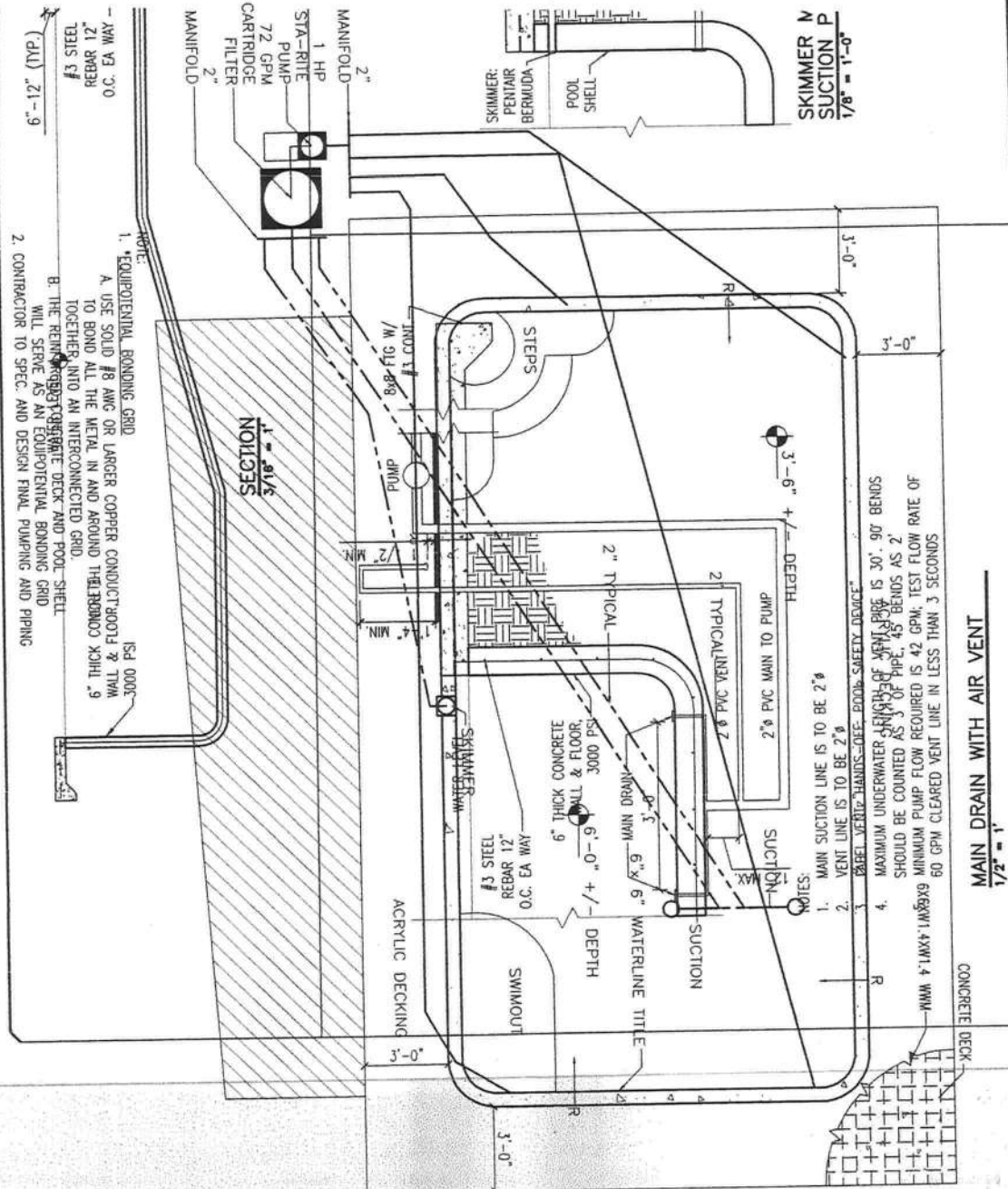
SKIMMER MAIN RETURN SYSTEM
SUCTION PIPEWORK DIAGRAM
1/8" = 1'-0"



THICKENED SLAB:
1/2" = 1'



CONTROL JOINT
1/2" = 1'



MANIFOLD
1 HP
STA-RITE
PUMP
72 GPM
CARTRIDGE
FILTER
2"
MANIFOLD

SKIMMER
PENTAIR
BERMUDA
POOL
SHELL

3'-0"
3'-0"
3'-6" +/- DEPTH
2" TYPICAL
2" TYPICAL
PVC MAN TO PUMP
PVC 2"
SUCCTION
SUCCTION
WATERLINE TITLE
SWIMOUT
ACRYLIC DECKING
CONCRETE DECK
CONCRETE SLAB
METAL CLAMP
STEEL REINFORCEMENT
18 AWG
EQUIPOTENTIAL BOND DETAIL

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

1. EQUIPOTENTIAL BONDING GRID
A. USE SOLID #8 AWG OR LARGER COPPER CONDUCTOR 7' TYP TO BOND ALL THE METAL IN AND AROUND THE ROOMS XCHL 9 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

1. 1/2" = 1'
1. 1/2" = 1'

