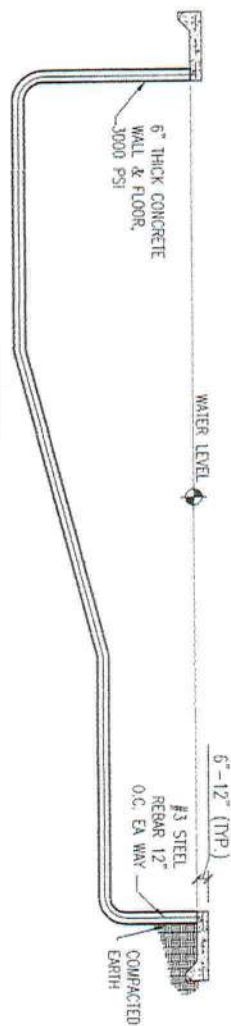


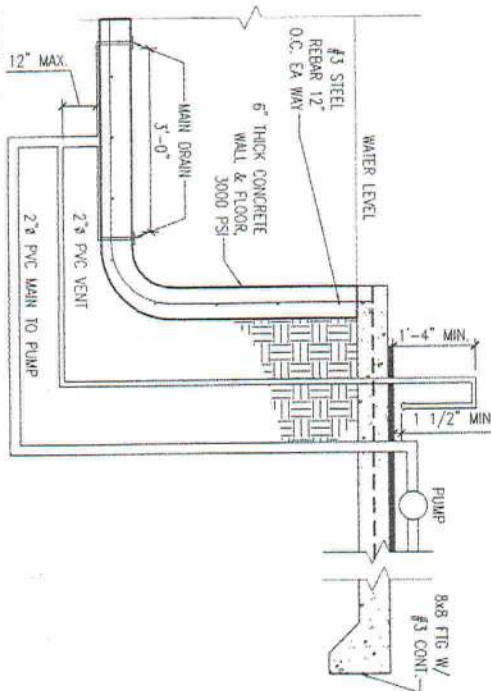
100



SECTION  
3/16" = 1'

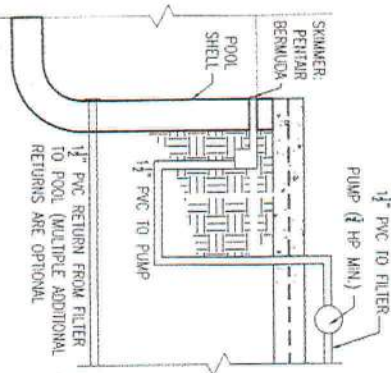


PIPE SIZING CHART (MAX.)			
PIPE	SUCTION	PRESSURE	
1 1/2"	35 GPM	60 GPM	
2"	60 GPM	100 GPM	

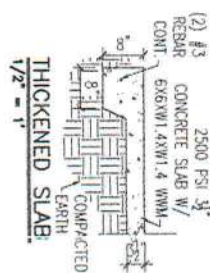


- NOTES:
1. MAIN SUCTION LINE IS TO BE 2" Ø
  2. VENT LINE IS TO BE 2" Ø
  3. LABEL VENT HAND-OFF; POOL SAFETY DEVICE
  4. MAXIMUM UNDERWATER LENGTH OF VENT PIPE IS 30'; 90° BENDS SHOULD BE COUNTED AS 3' OF PIPE, 45° BENDS AS 2'
  5. MINIMUM PUMP FLOW REQUIRED IS 42 GPM, TEST FLOW RATE OF 60 GPM CLEARED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

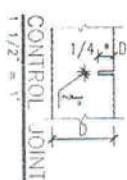
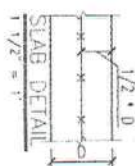
**MAIN DRAIN WITH AIR VENT**  
1/2" = 1'



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

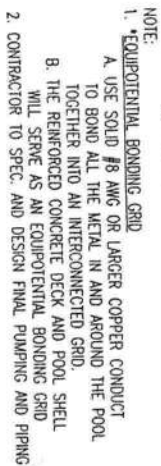


**THICKENED SLAB**  
1/2" = 1'



**CONTROL JOINT**  
1 1/2" = 1'









1. MAIN SUCTION LINE IS TO BE 2"Ø
2. VENT LINE IS TO BE 2"Ø
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'

