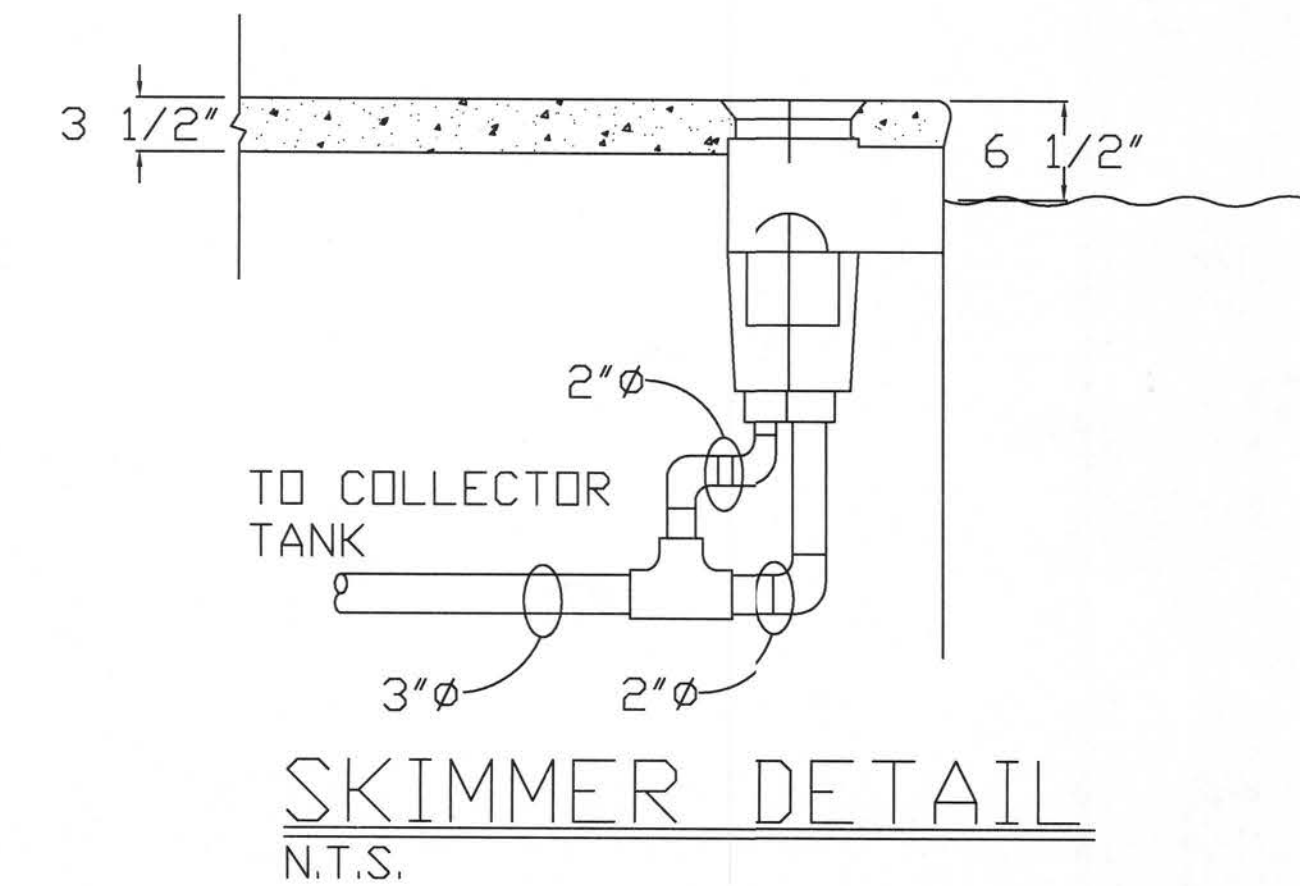
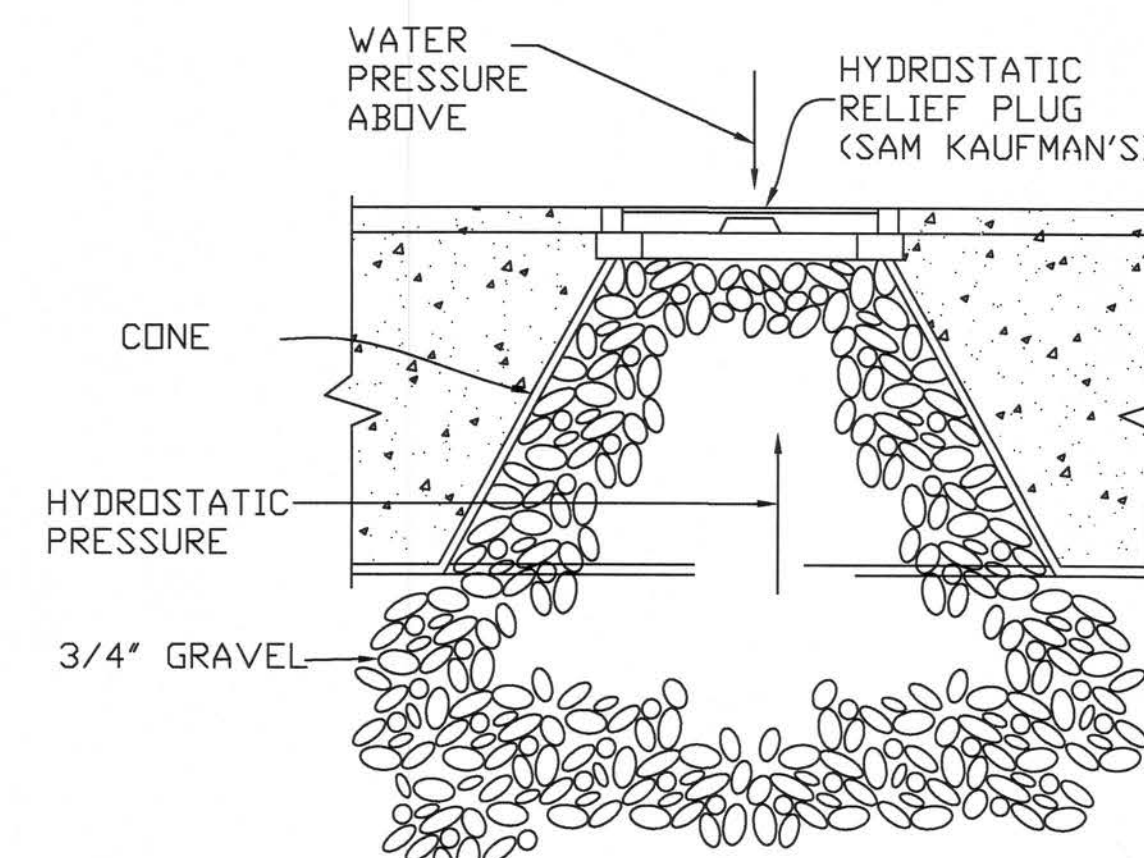
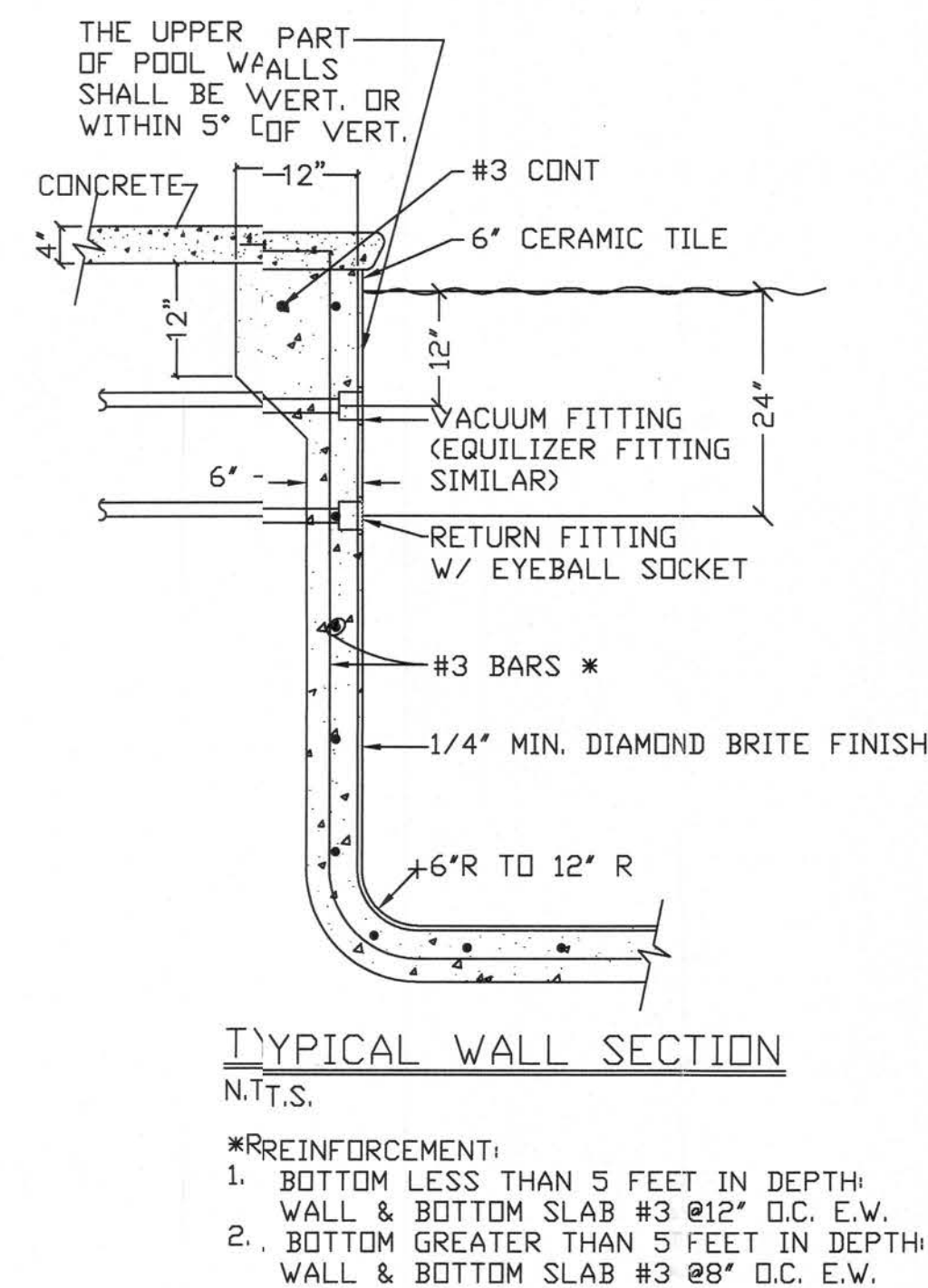
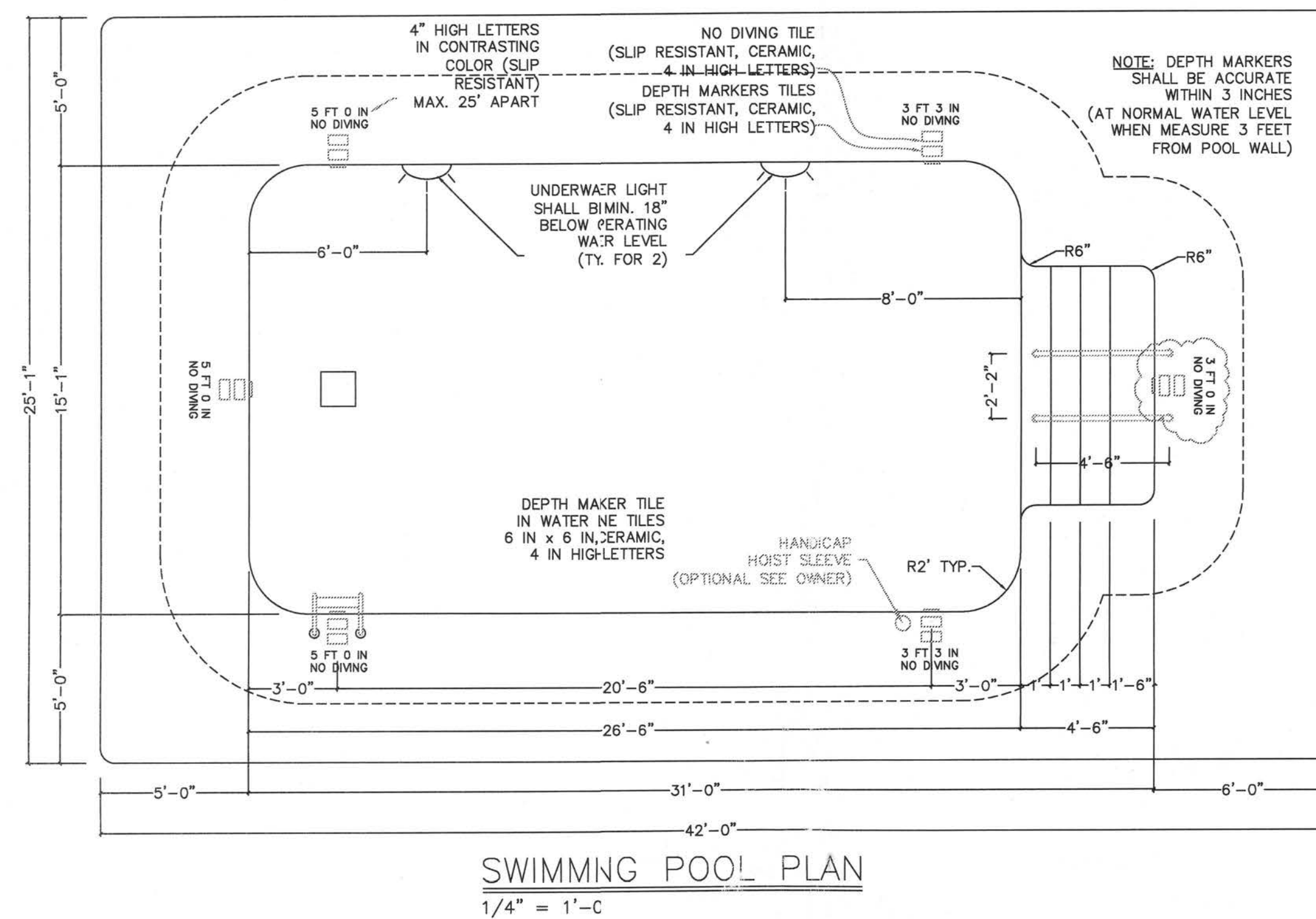
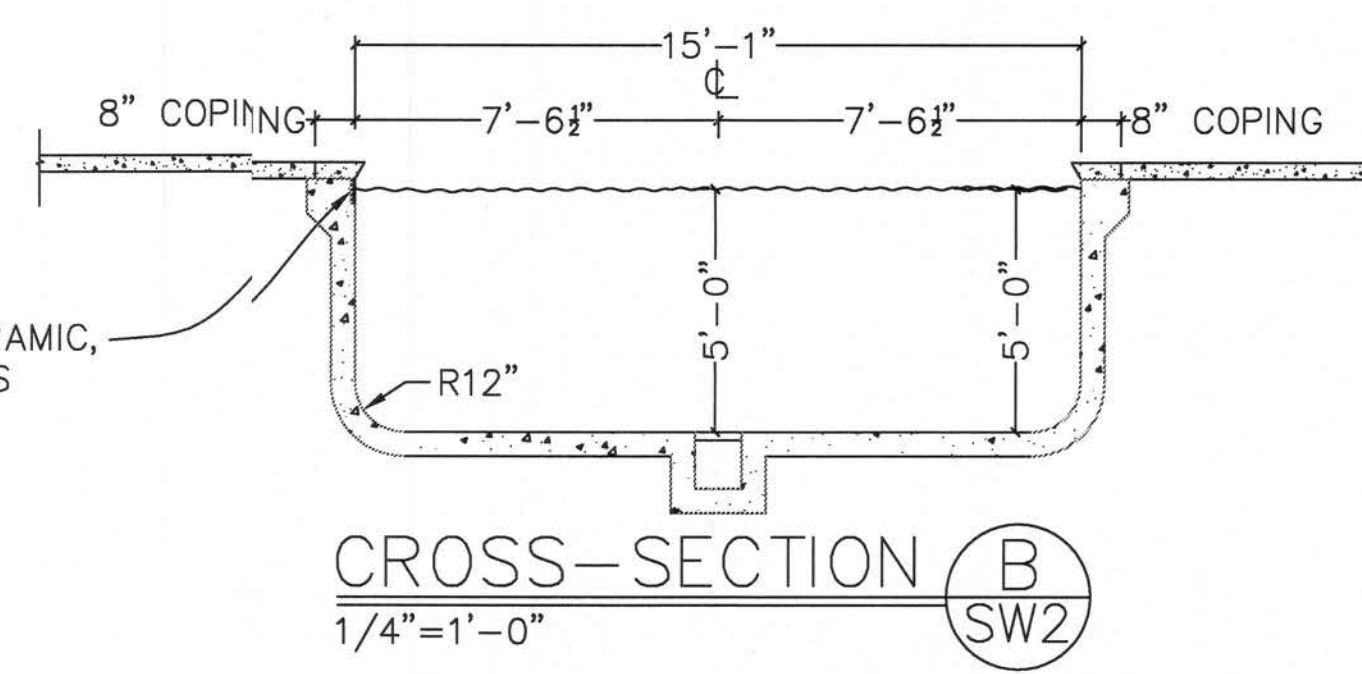
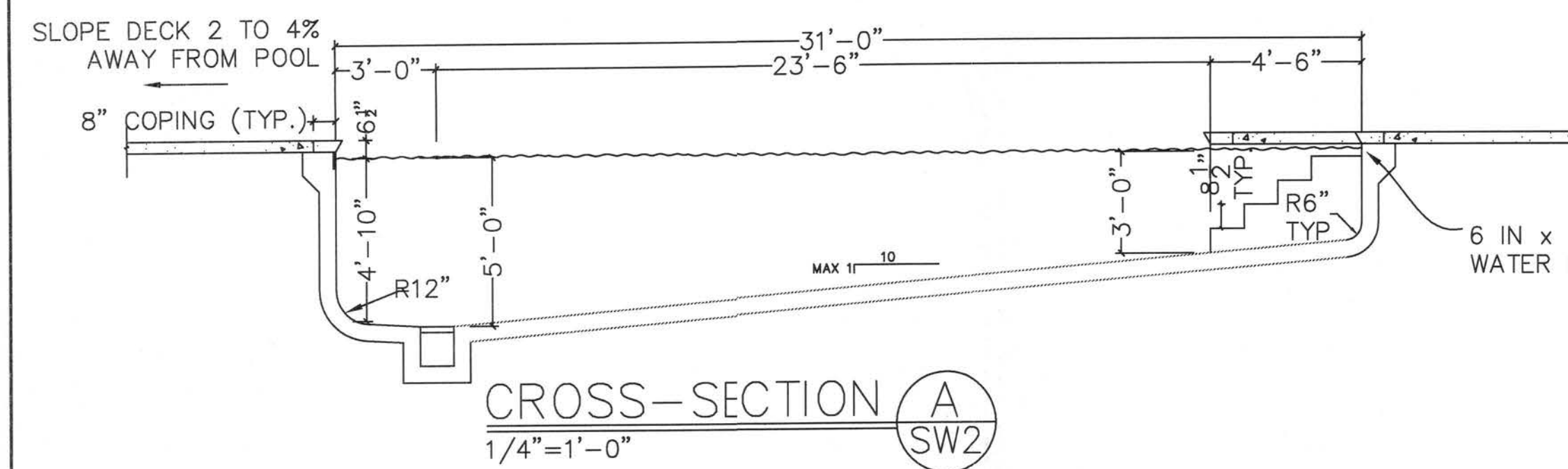
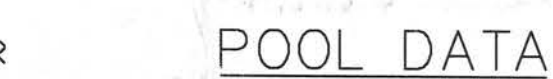
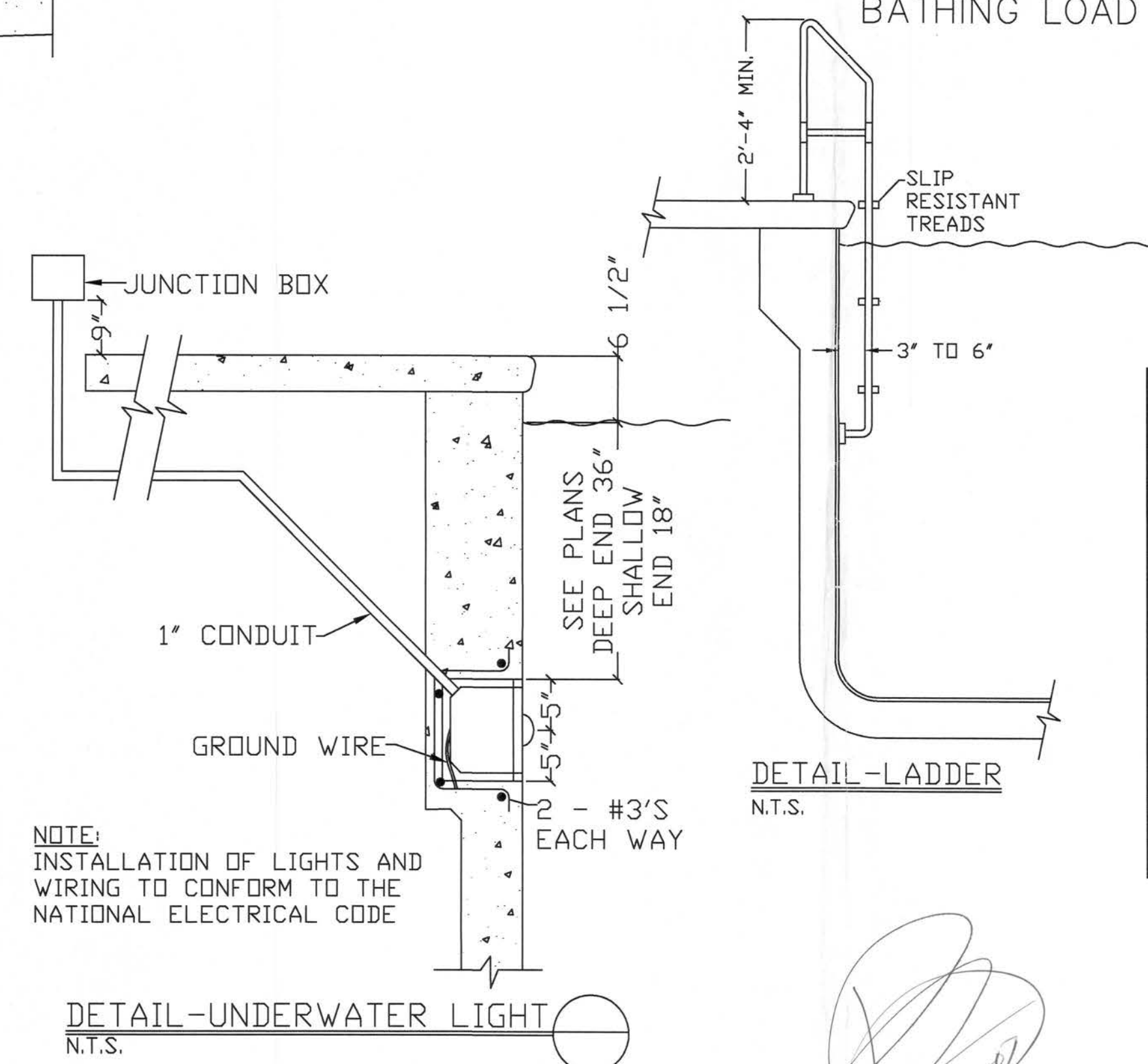
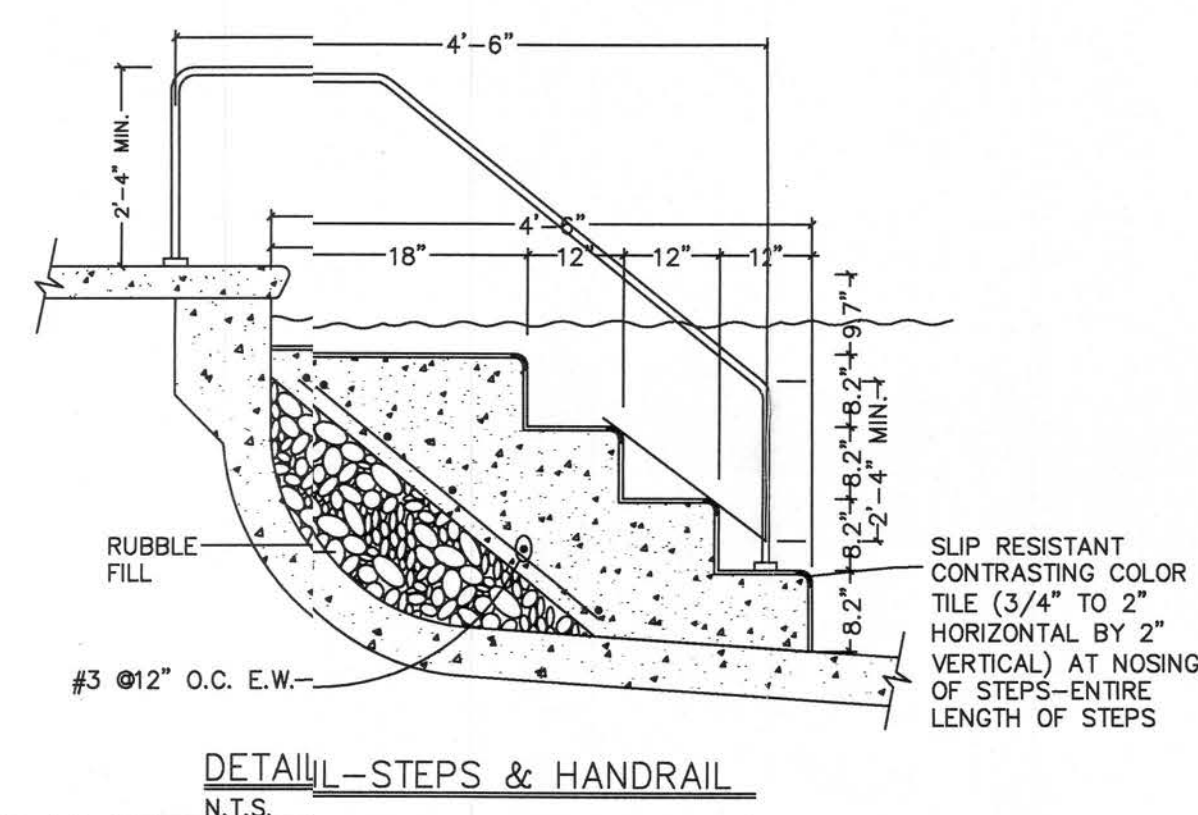
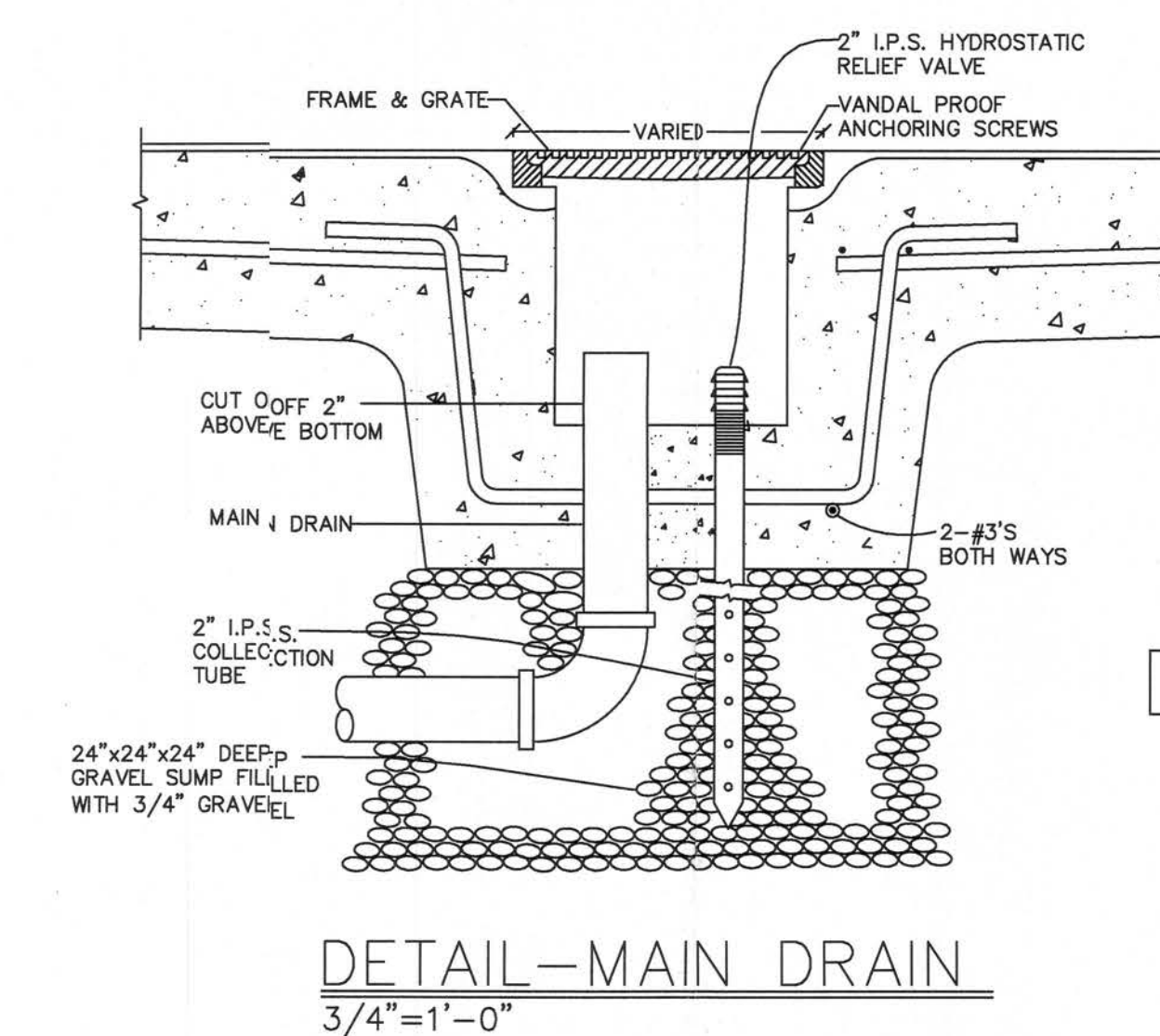
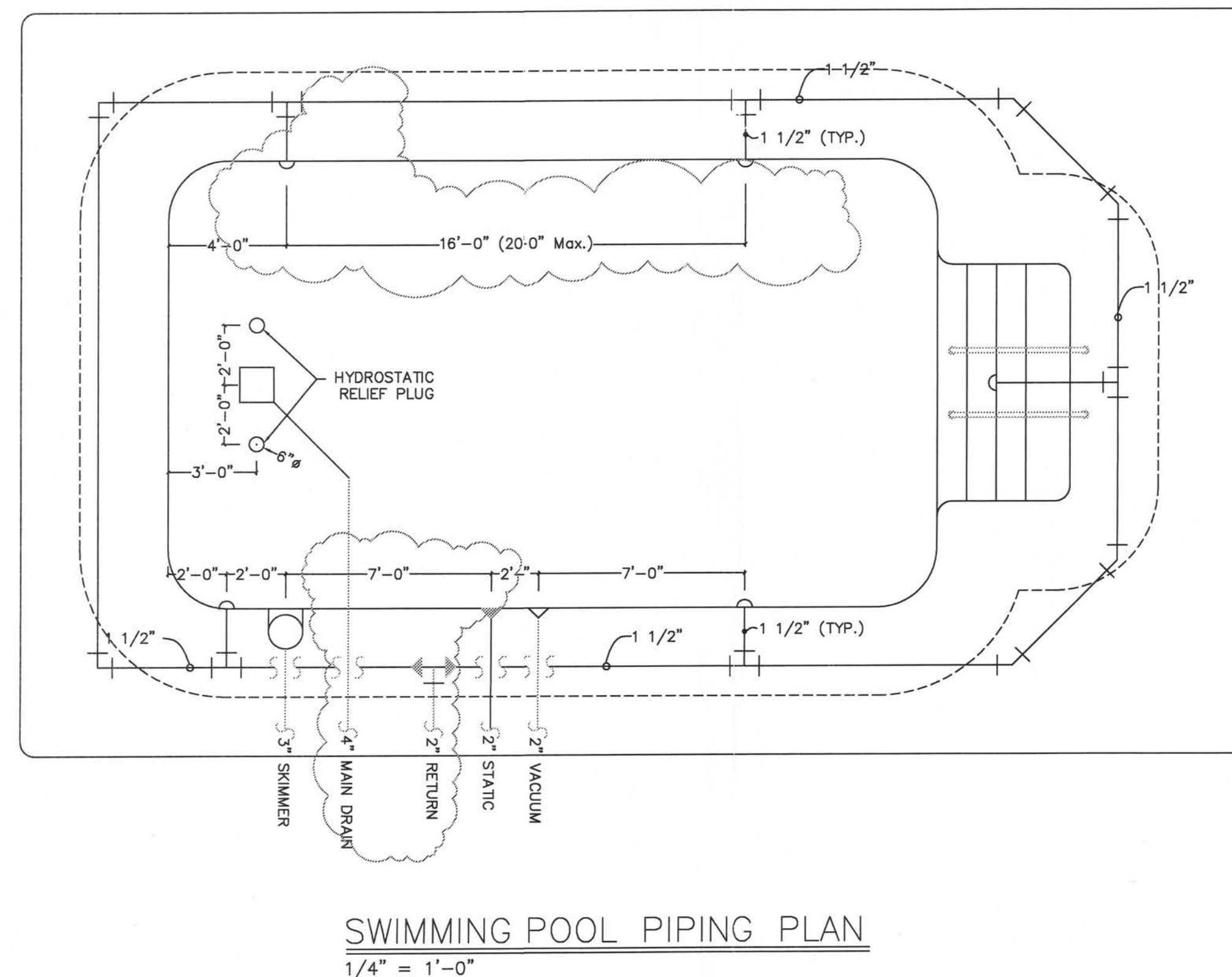




POOL EQUIPMENT SCHEDULE					
#	QTY	ITEM	MANUFACTURER	CAT NO.	DESCRIPTION
1	1	MAIN DRAIN FRAME & GRATE	HAYWARD	SP-1033	18"x18" (168 SQ. IN. FREE AREA)
2	5	RETURN FITTING	HAYWARD	SP-1419-D	3/4" CYCOLAC ADJUSTABLE WALL INLET
3	1	SKIMMER	HAYWARD	SP-1082	AUTOMATIC SKIMMER
4	1	VACUUM FITTING	HAYWARD		1 1/2" ABS WITH SPRING-LOADED SAFETY COVER
5	1	STATIC FITTING	HAYWARD	SP-1425	1 1/2" CYCOLAC WITH GRATE
6	1	HYDROSTATIC RELIEF VALVE	HAYWARD	SP-1057	2" ABS
7	1	HYDROSTATIC RELIEF VALVE COLLECTOR TUBE (MAIN DRAIN)	HAYWARD	SP-1055	2"
8	2	HYDROSTATIC RELIEF PLUG	SAM KAUFMAN	-	3 1/2" DIA. FREE OPENING
9	2	UNDERWATER LIGHT	HAYWARD	SP-542L	300 WATT, 12 VOLT W/ FIXTURE HOUSING & TRANSFORMER
10	1	DECK BOX	HAYWARD	SP-580	U.L. APPROVED
11	1	VACUUM CLEANER HEAD	HAYWARD	SP-1069	1 1/2" MOLDED DURAL W/ HANDLE
12	1	VACUUM HOSE	HAYWARD	-	1 1/2" x 50 FT.
13	1	WALL BRUSH	HAYWARD	-	18" NYLON CURVED BRUSH
14	1	LEAF SKIMMER	HAYWARD	-	-
15	1	LIFE RING	HAYWARD	-	20" RING W/ ROPE - 25 F.
16	1	LIFE HOOK	HAYWARD	-	WITH 16' POLE
17	1	TEST KIT	TAYLOR	2005	STATE APPROVED
18	2	HAND RAILS	CUSTOM	-	54" S.S. TOP MIN. 28" ABOVE DECK
19	1	LADDER	RECREONICS	44035	3-TREAD CYCOLAC W/ CROSS-BRACING
20	1	FILTER	VAK-PAK	CP7VDE	SEE FILTER DRAWINGS



AREA (OFFSET STEP EXCLUDED)	397 SQ FT
PERIMETER	88'
VOLUME	12,000 GAL
FLOW	50 GPM
TURNOVER TIME	4 HOURS
BATHING LOAD	10 PEOPLE

PERIMETER	88'
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VOLUME	12,000 GAL
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FLOW 50 GPM

TURNOVER TIME 4 HOURS

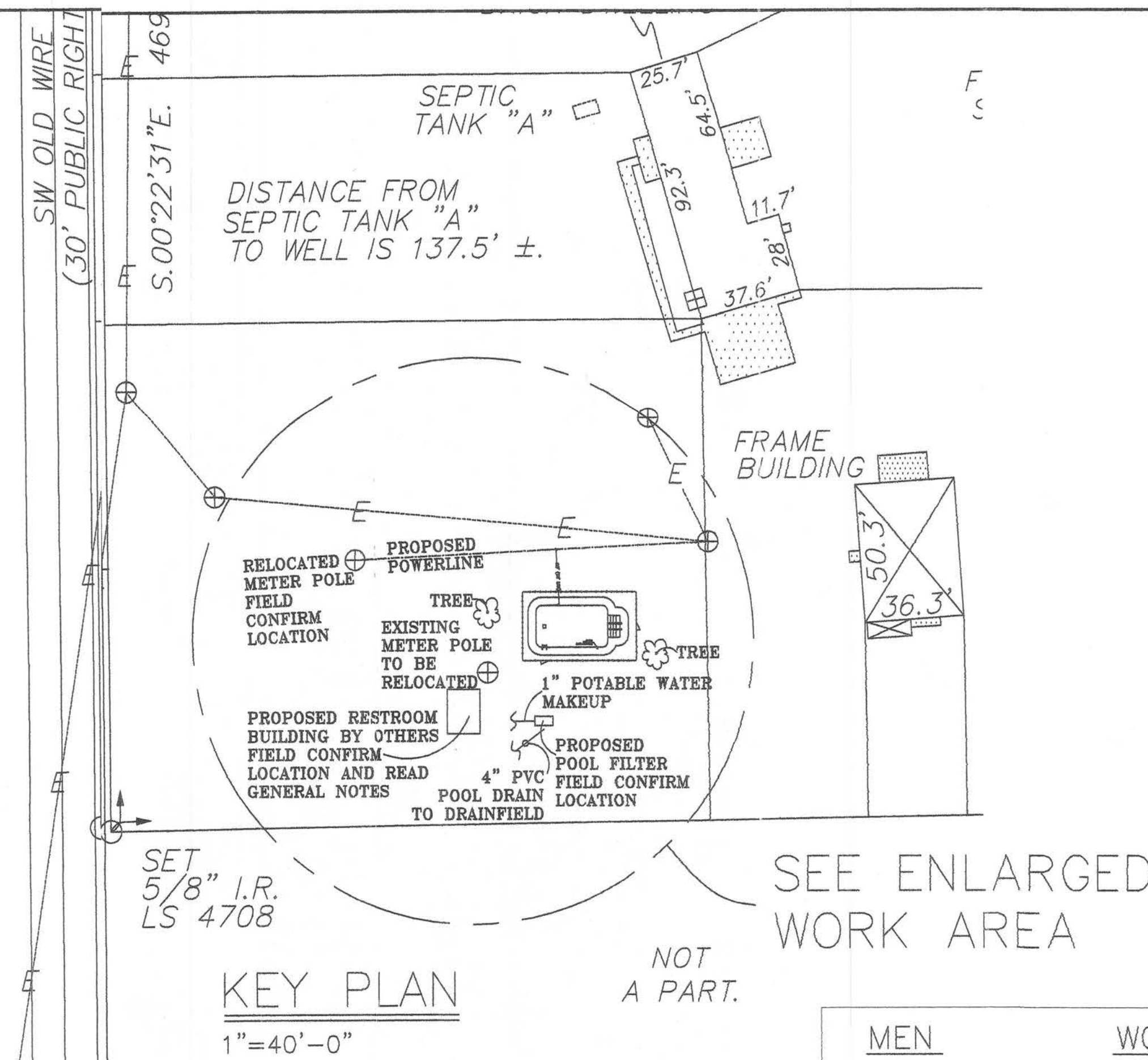
BATHING LOAD	10 PEOPLE
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THIS SPACE RESERVED
FOR STATE APPROVAL STAMPS

929 SW OLD WIRLOOSE COLUMBIA COUNTY, FL		NEVER DUNN'S CAMPGROUND SWIMMING POOL	
SCALE: AS NOTED	APPROVED BY	DRAWN BY: CSL	
DATE: 05/21/07		REV. 07/06/07	
PAUL S. LI, P.E. #18305 FL DESIGN & CONSULTING ENGINEER			
9218 CYPRESS GREEN DRIVE, SUITE 10 JACKSONVILLE, FL 32256		DRAWING NUMBER 070530-SW2	

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE STATE AND LOCAL CODE.
2. GUNITE OR SHOTCRETE SHALL BE ONE PART PORTLAND CEMENT TO FOUR (4) PARTS SAND AND SHALL HAVE A MINIMUM STRENGTH OF 3,000 P.S.I. AT 28 DAYS.
3. POOL BOTTOM SHALL BE PURE CONCRETE (3,000 P.S.I. MINIMUM).
4. RE-BARS SHALL BE FORMED OF GRADE 40 BILET STEEL-ASTM A-615.
5. LAP RE-BARS 24 INCHES AT CORNERS AND 3 X ROD DIAMETER AT SPLICES MINIMUM.
6. PIPING SHALL BE SCHEDULE 40 PVC-N.S.F.-P/ APPROVED. EXPOSED PIPING COATED FOR UV PROTECTION.
7. ALL PIPING SHALL BE PRESSURE TESTED IN THE PRESENCE OF THE ENGINEER BEFORE BACKFILLING OR POURING CONCRETE.
8. ALL POOL PIPING SHALL BE RUN IN GUTTER EXAM WHERE POSSIBLE.
9. RETURN INLET PIPE SHALL BE PRESSURE TESTED AT 30 P.S.I.
10. MAIN DRAIN, GUTTER OR SKIMMER DRAIN PIPING SHALL BE TESTED AT 7 FT. T.D.H. ABOVE THE POOL GUTTER OR AT 3 P.S.I.
11. POOL WASTE WATER SHALL BE DISCHARGED THROUGH AN AIR GAP EITHER TO SANITARY SEWER, STORM SEWER, DRAIN FIELD, OR IN ACCORDANCE WITH LOCAL REQUIREMENTS.
12. TOILET, SHOWER AND DRESSING ROOM FLOOR SHALL BE SLIP RESISTANT AND CONSTRUCTED OF CONCRETE OR OTHER IMPERVIOUS MATERIALS AND SHALL SLOPE A MINIMUM OF 2 INCHES IN 10 FEET TO DRAINS. FLOOR & WALL JUNCTION SHALL HAVE COVED CORNERS. HOSE BIBS WITH VACUUM BREAKERS SHALL BE PROVIDED FOR FREQUENT CLEANING. CARPETS AND DUCKBOARD ARE PROHIBITED.
13. THE ENTRANCE OF TOILET ROOMS SHALL BE LABELED TO DEPICT EACH SEX.
14. A RINSE SHOWER SHALL BE PROVIDED ON OR NEAR THE POOL DECK. WITHIN 15 FEET OF THE NEAREST POOL WATER EDGES.
15. ALL HOSE BIBS SHALL BE PROVIDED WITH A VACUUM BREAKER.
16. POOL SHALL BE GROUNDED AS REQUIRED BY STATE AND LOCAL CODES AND THE NATIONAL ELECTRICAL CODE. ALL ELECTRICAL EQUIPMENT, WIRING AND INSTALLATION SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE. THIS INCLUDES STEEL REBAR IN POOL SHELL & DECK HAND RAILS, FENCE, LIGHT POLES, ETC.
17. OUTDOOR POOL LIGHTING. OVERHEAD LIGHTING OF THE POOL WATER SURFACE AREA AND POOL DECK TOGETHER WITH UNDERWATER LIGHTING SHALL BE REQUIRED FOR NIGHT SWIMMING. EXCEPT THE UNDERWATER LIGHTING REQUIREMENT CAN BE WAIVED WHEN THE OVERHEAD LIGHTING PROVIDES AT LEAST 50 FOOT-CANDLES OF ILLUMINATIONS AT THE POOL WATER SURFACE AND POOL DECK SURFACE.
(A) OVERHEAD LIGHTING SHALL PROVIDE A MINIMUM OF 10 FOOT-CANDLES OF ILLUMINATION AT THE POOL WATER SURFACE AND POOL DECK SURFACE.
(B) UNDERWATER LIGHTING WATTAGE SHALL BE A MINIMUM OF ONE-HALF WATT PER SQUARE FOOT OF POOL WATER SURFACE AREA.
18. POOL DECK SHALL HAVE AN UNOBSTRUCTED AREA WITH A MINIMUM WIDTH OF 4 FEET AROUND THE PERIMETER OF THE POOL. POOL DECK SHALL BE CONSTRUCTED OF CONCRETE OR OTHER IMPERVIOUS MATERIALS. HAVE A SLIP-RESISTANT FINISH AND SHALL NOT ALLOW STANDING WATER. POOL DECK SHALL SLOPE AT LEAST 3 INCHES IN 10 FEET AWAY FROM POOL. LOCAL CODES MAY REQUIRE ADDITIONAL DECK WIDTH.
19. WALKWAY BETWEEN THE POOL DECK AND SANITARY FACILITIES SHALL BE CONSTRUCTED OF CONCRETE OR OTHER IMPERVIOUS MATERIAL. SHALL HAVE A SLIP-RESISTANT FINISH. AND SHALL BE POSITIVELY DRAINED.
20. WATER SUPPLY FOR ALL POOLS SHALL BE CLEAN, CLEAR AND REASONABLY FREE OF OBJECTIONABLE MINERALS AND PHYSICAL CHARACTERISTICS. MEETING THE BACTERIOLOGICAL REQUIREMENTS OF POTABLE WATER SUPPLY. WATER EXCEEDING THE THREE-TENTHS (0.3) PPM IN IRON AND/OR ONE HUNDRED (100) UNITS IN COLOR SHALL BE GIVEN APPROPRIATE PRELIMINARY TREATMENT PRIOR TO ITS INTRODUCTION INTO THE POOL.
21. THE VERTICAL CLEARANCE ABOVE POOL DECKS AND ABOVE NON-DIVING POOL WATER SURFACE AREAS SHALL BE AT LEAST 7 FEET.
22. WHERE VEHICLE TRAFFIC AREAS ARE ADJACENT TO THE POOL DECK. SUITABLE TRAFFIC BARRIERS SHALL BE PROVIDED SO THAT NO PORTION OF VEHICLE SHALL EXTEND OVER THE DECK AREA.
23. POOL IS NOT DESIGNED FOR HYDROSTATIC UPLIFT PRESSURE.
24. CHEMICALS SHALL BE STORED IN COOL, DRY AND WELL VENTILATED AREA, UNDER A ROOF, AND THE AREA SHALL BE INACCESSIBLE TO THE PUBLIC.
25. ANY DEVIATION FROM THE APPROVED PLANS MUST BE PRIOR APPROVED BY THE ENGINEER AND HEALTH DEPARTMENT IN ORDER TO OBTAIN CERTIFICATION FROM THE ENGINEER.
26. OWNER SHALL PROVIDE A 3/4 INCH WATER LINE AND A 3 INCH WASTE LINE (SEE NOTE 11 AND 20) TO FILTER UNIT.
27. OWNER SHALL PROVIDE A RINSE SHOWER (NOTE 14) AT OR NEAR THE POOL DECK.
28. SWIMMING POOL RULES AND REGULATIONS FOR BATHERS IN LETTERING A MINIMUM OF ONE (1) INCH IN HEIGHT (UNLESS OTHERWISE NOTED) SHALL BE POSTED AT OR NEAR POOLSIDE, SHALL BE LEGIBLE FROM THE POOL DECK AND SHALL CONTAIN THE FOLLOWING:
(A) NO FOOD, DRINK, GLASS OR ANIMALS IN POOL OR ON POOL DECK WITHIN 12 FEET OF POOL.
(B) BATHING LOAD: 10 PERSONS.
(C) POOL HOURS FROM A.M. TO P.M. (NIGHT SWIMMING NOT ALLOWED)
(D) SHOWER BEFORE ENTERING
(E) NO DIVING (LETTERING IS 4 INCHES HIGH).
30. PROVIDE SIGN WITH MINIMUM 1" HIGH LETTERS LEGIBLE FROM POOL DECK SHOWING DIRECTION TO RESTROOMS.

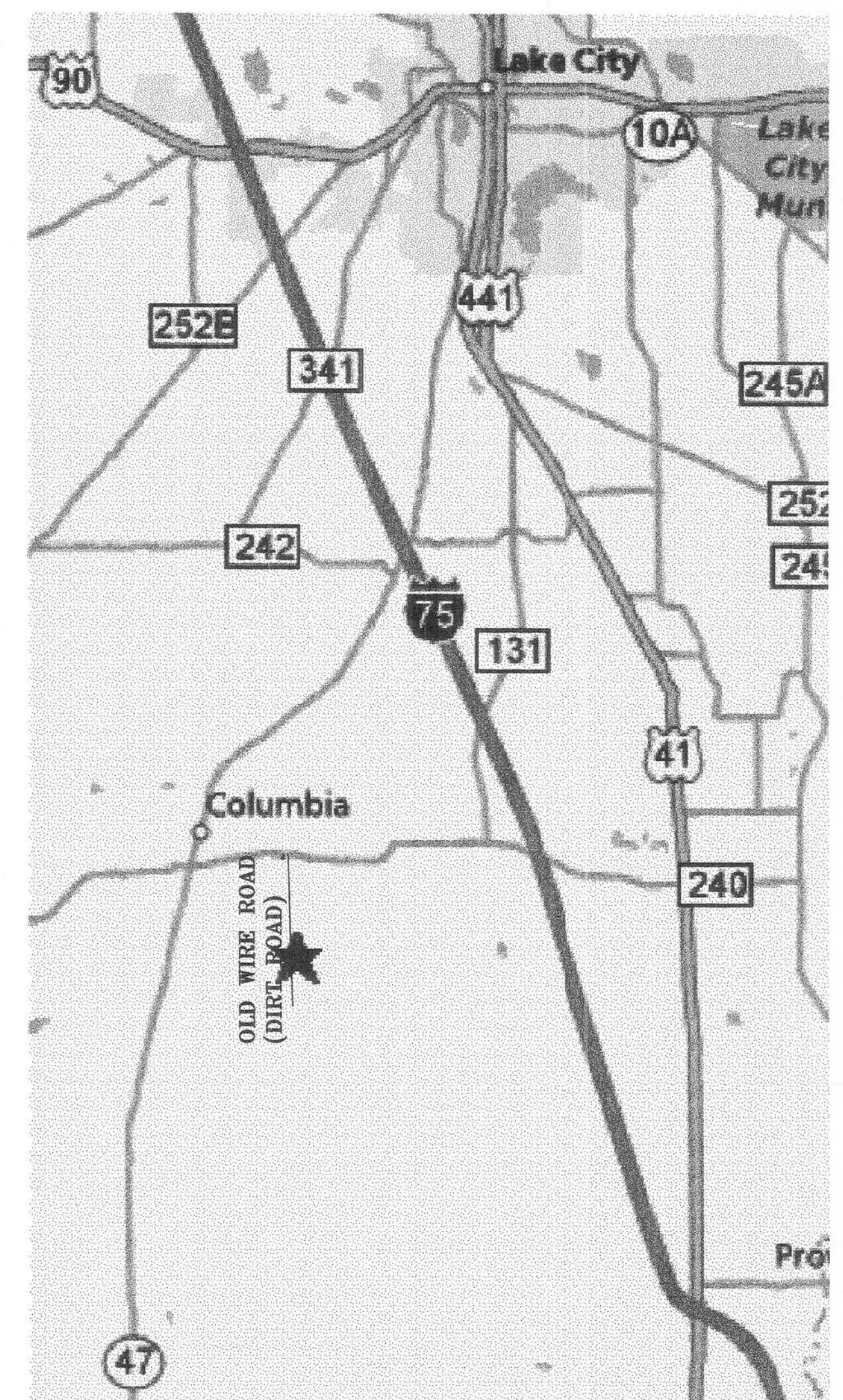


SEE ENLARGED WORK AREA

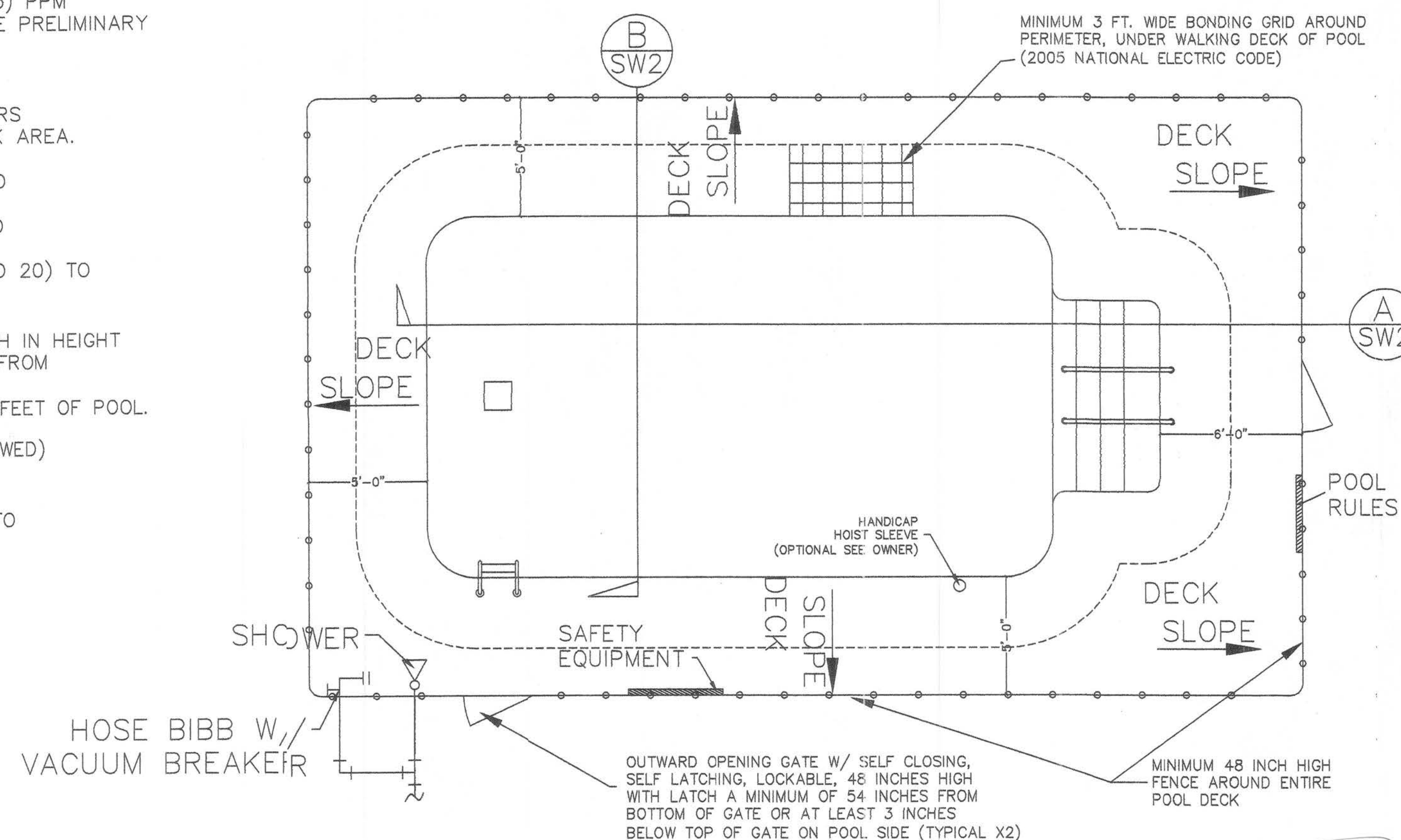
NOT A PART.

MEN	WOMEN
1 W.C.	1 W.C.
1 UR.	1 LAV.
1 LAV.	1 F.D.
1 HOSE BIB	
1 F.D.	

FLOOR & WALL JUNCTION SHALL HAVE COVED CORNERS.



VICINITY MAP
N.T.S.

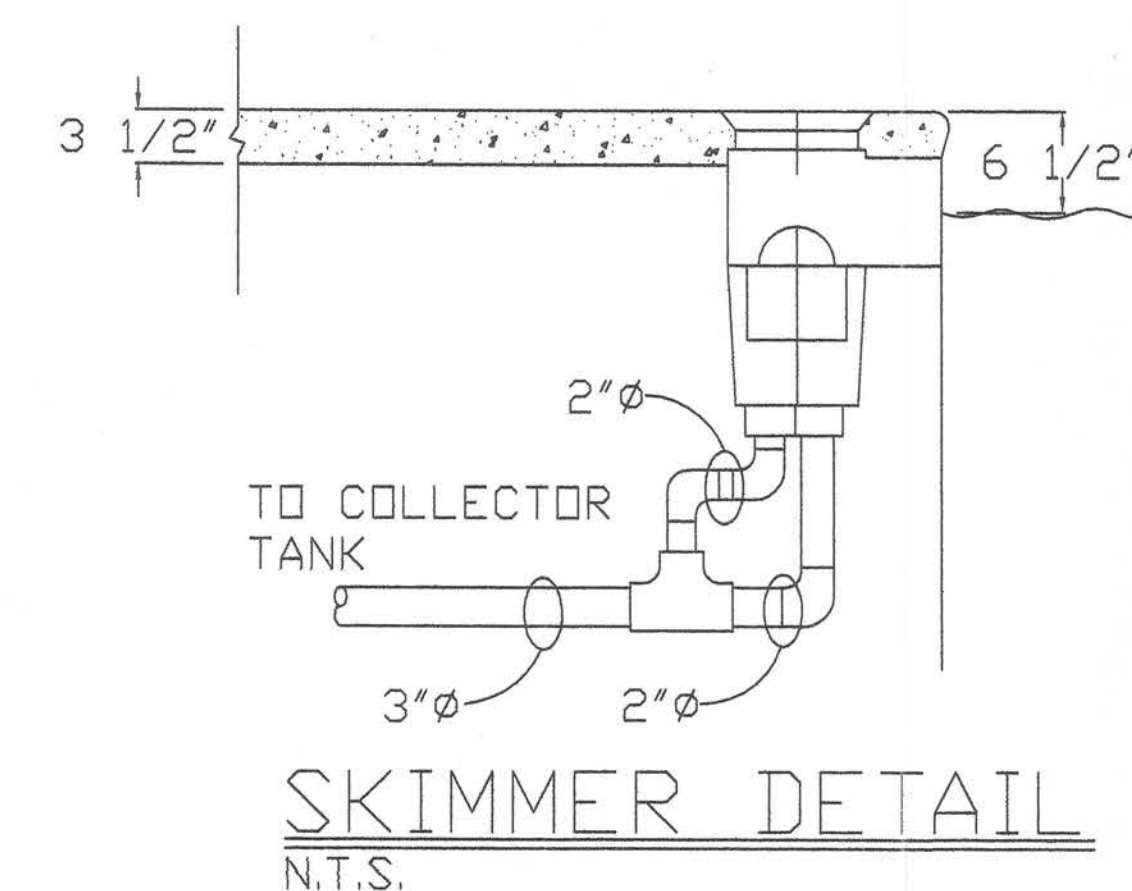
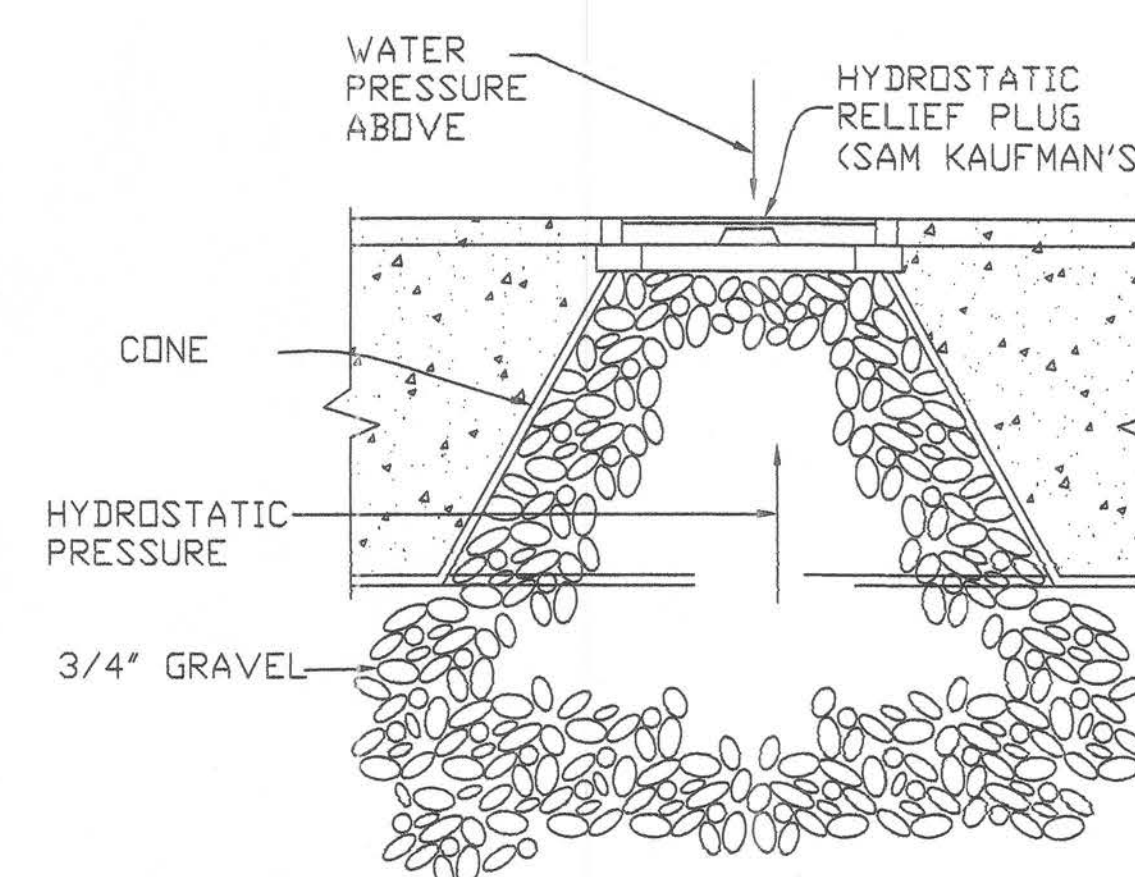
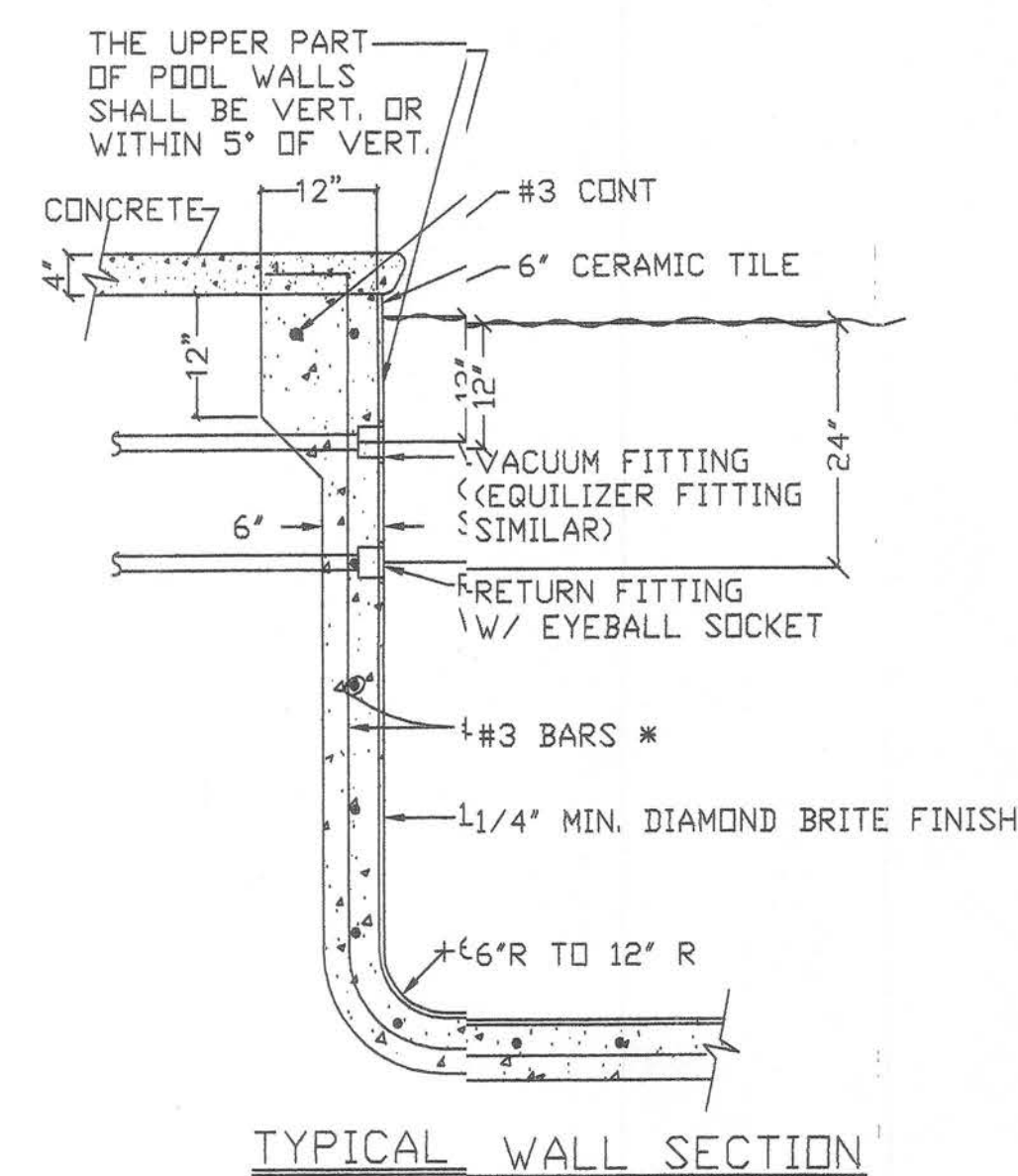
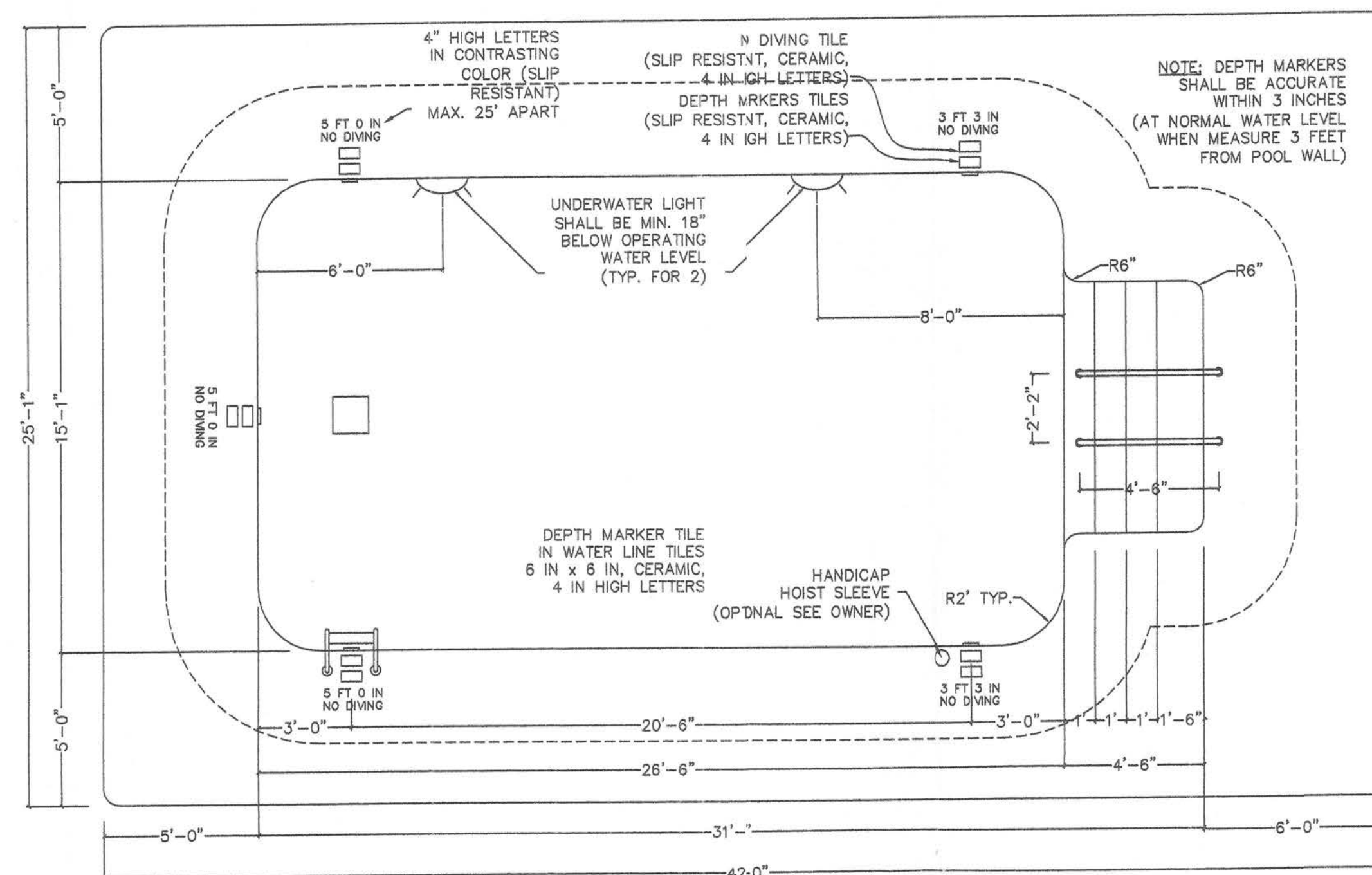
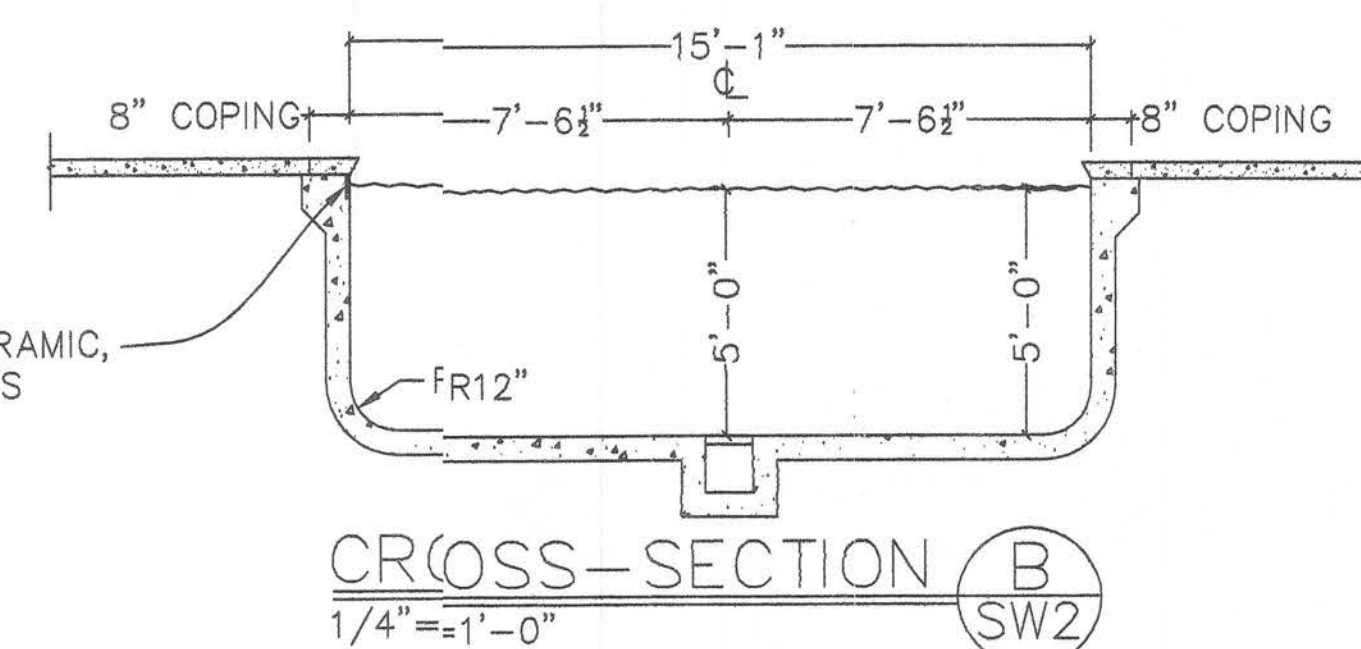
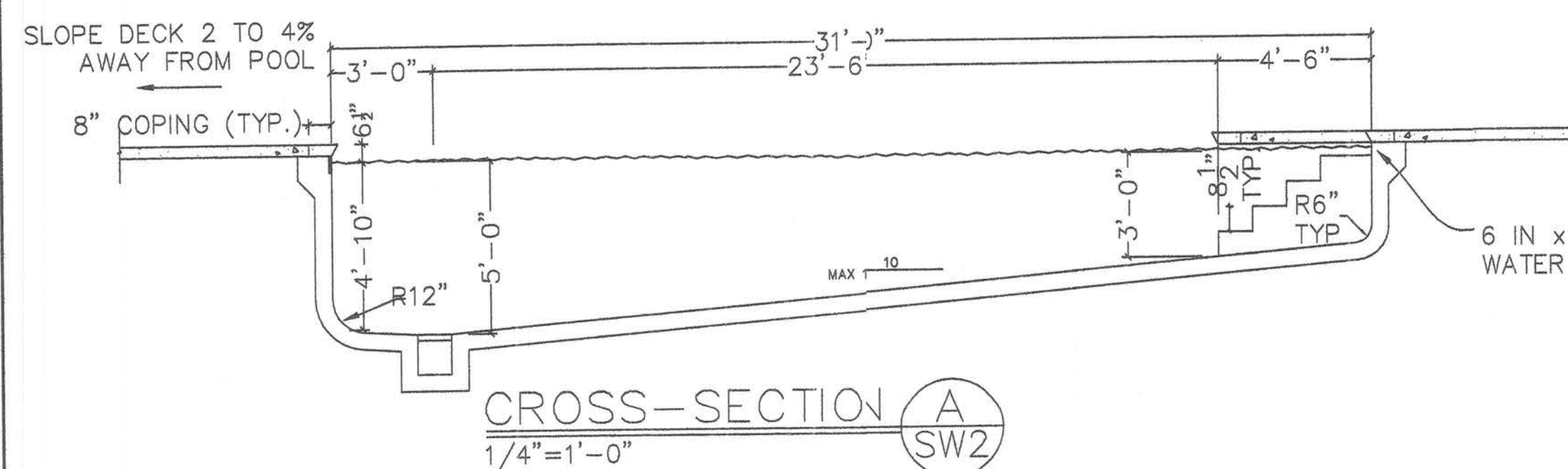


ENLARGED WORK AREA PLAN
1/4"=1'-0"

- Provisos:
1. 64E-9.006(1)(d)3. Ensure that the step edge tile is dark in color.
 2. 64E-9.006(2)(c)3. Ensure that the underwater light is 18 inches deep when measured from the top of the light fixture to the design water level.
 3. 64E-9.006(1)(c)3.b. Ensure that the distance between the depth and "No Diving" Markers does not exceed 25 feet at the steps.
 4. 64E-9.007(3)(b)4. Provide a wall inlet directly across from the skimmer.
 5. 64E-9.007(1) Ensure that an auto water level controller is provided and that the make up water supply has an air gap.



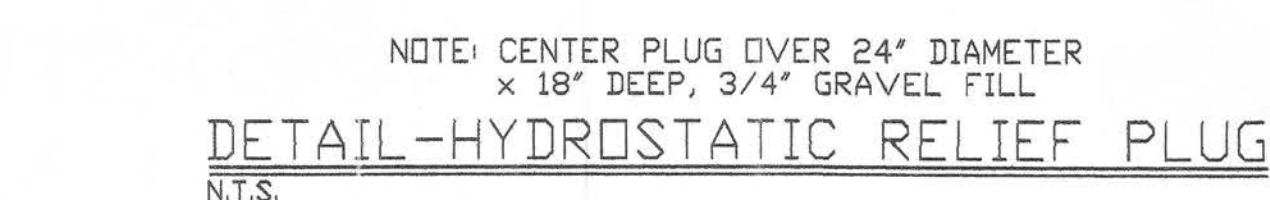
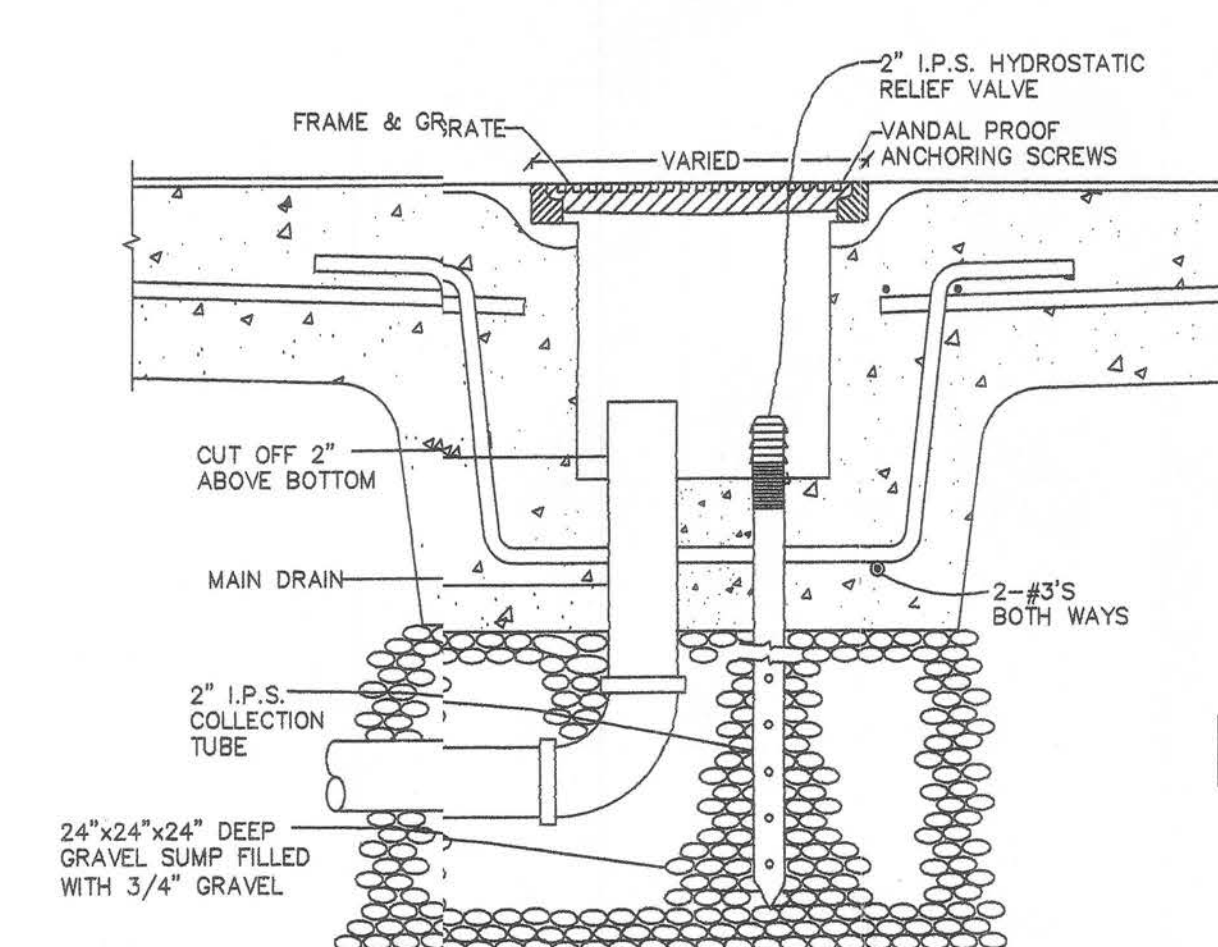
NEVER DUNN'S RY CAMPGROUND SWIMMING POOL 929 SW OLD WIRE ROAD COLUMBIA COUNTY, FL	
SCALE: AS NOTED	APPROVED BY: PAUL S. LI, P.E. #18305 FL
DATE: 05/21/07	DRAWN BY: CSL
DESIGN & CONSULTING ENGINEER	
9218 CYPRESS GREEN DRIVE, SUITE 0 JACKSONVILLE, FL 32256	DRAWING NUMBER 070530-SW1



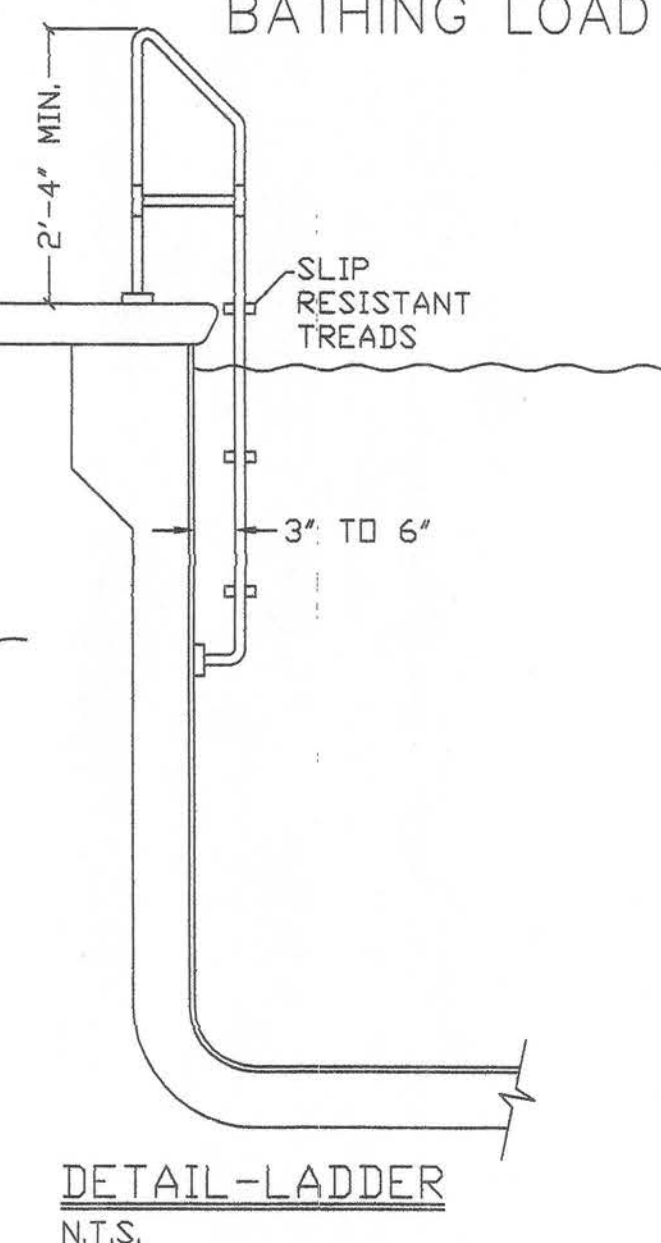
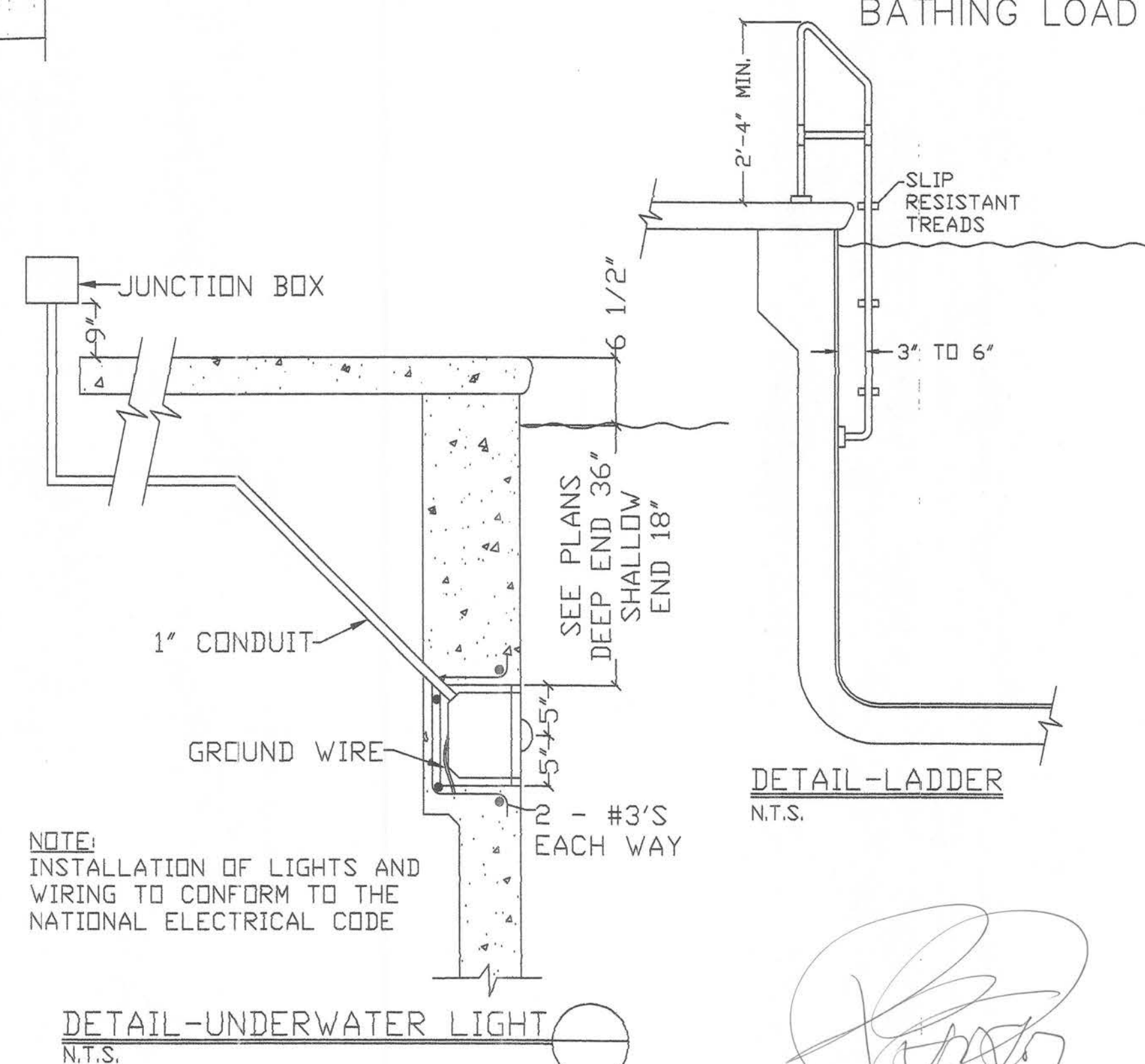
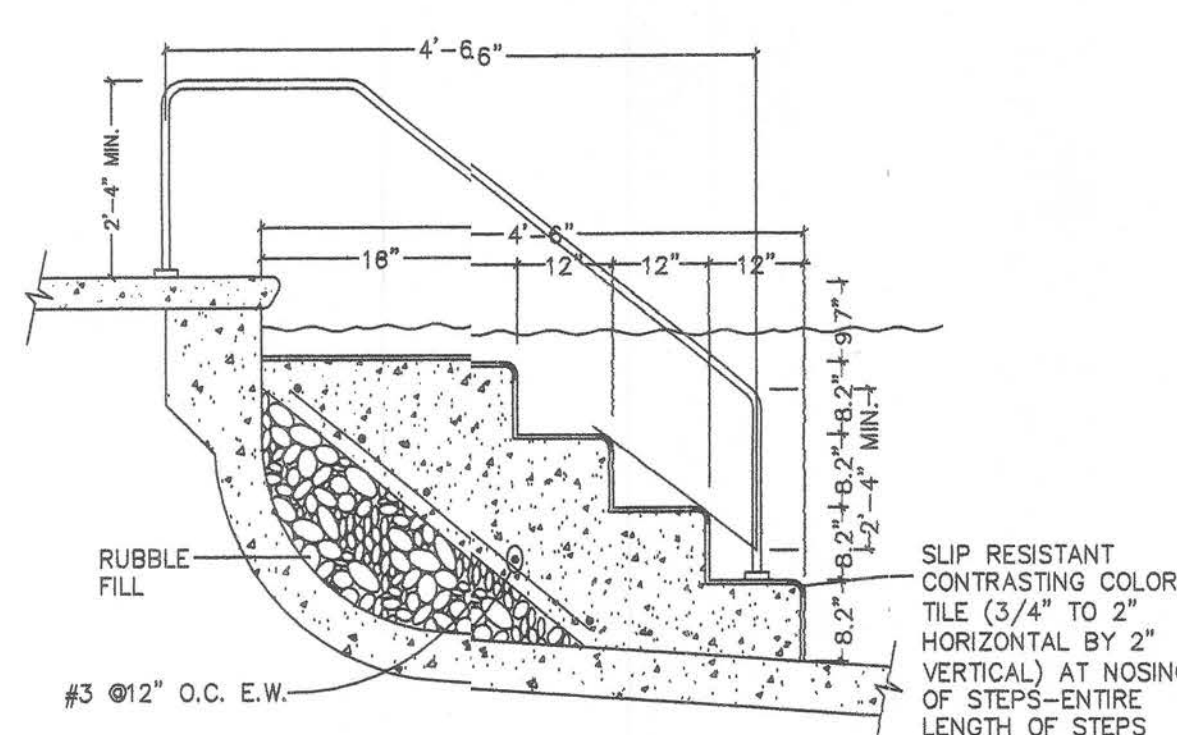
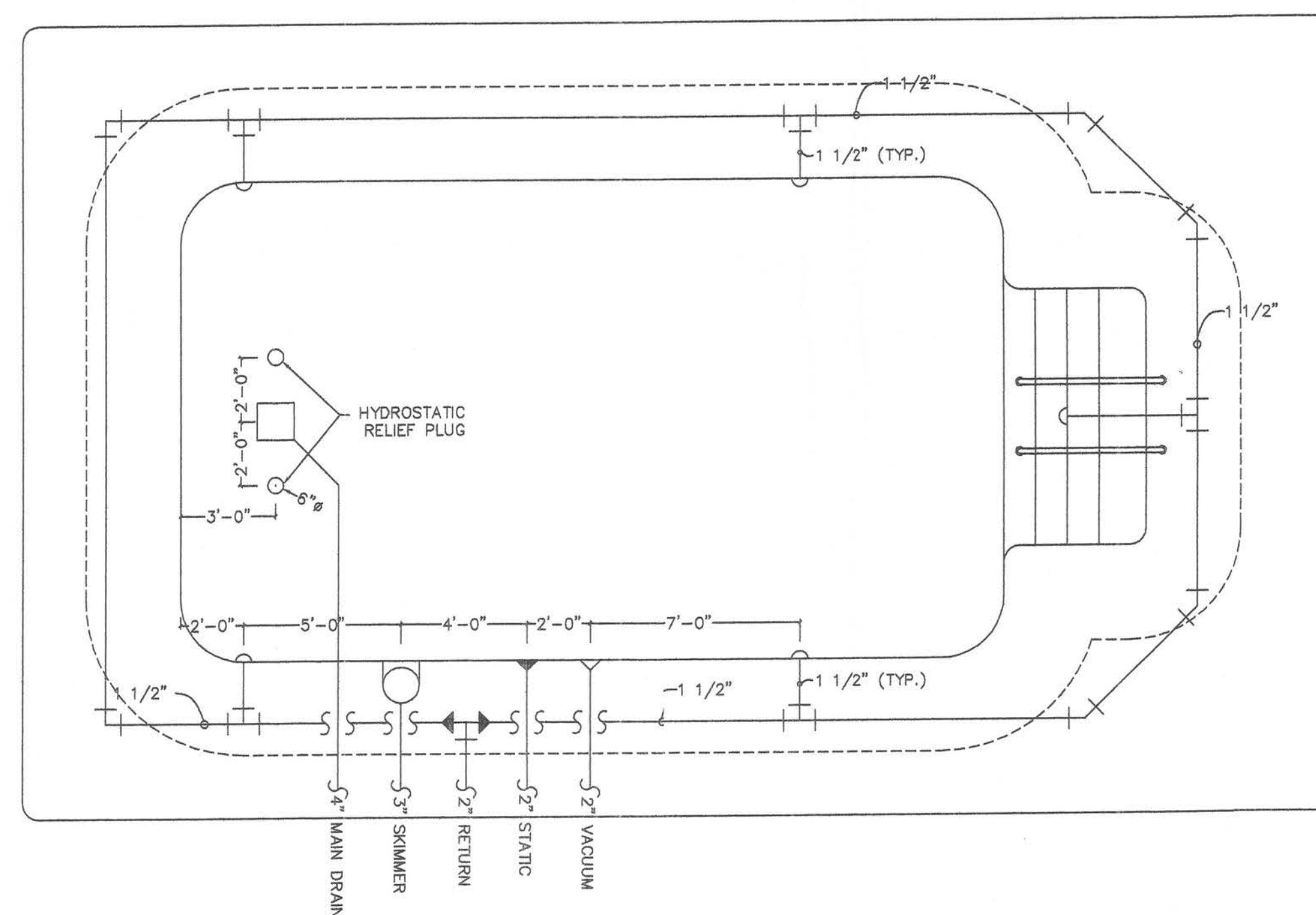
POOL EQUIPMENT SCHEDULE					
#	QTY	ITEM	MANUFACTURER	CAT NO.	DESCRIPTION
1	1	MAIN DRAIN FRAME & GRATE	HAYWARD	SP-1033	18"x18" (168 SQ. IN. FREE AREA)
2	5	RETURN FITTING	HAYWARD	SP-1419-D	3/4" CYCOLAC ADJUSTABLE WALL INLET
3	1	SKIMMER	HAYWARD	SP-1082	AUTOMATIC SKIMMER
4	1	VACUUM FITTING	HAYWARD		1 1/2" ABS WITH SPRING-LOADED SAFETY COVER
5	1	STATIC FITTING	HAYWARD	SP-1425	1 1/2" CYCOLAC WITH GRATE
6	1	HYDROSTATIC RELIEF VALVE	HAYWARD	SP-1057	2" ABS
7	1	HYDROSTATIC RELIEF VALVE COLLECTOR TUBE (MAIN DRAIN)	HAYWARD	SP-1055	2"
8	2	HYDROSTATIC RELIEF PLUG	SAM KAUFMAN	-	3 1/2" DIA. FREE OPENING
9	2	UNDERWATER LIGHT	HAYWARD	SP-542L	300 WATT, 12 VOLT W/ FIXTURE HOUSING & TRANSFORMER
10	1	DECK BOX	HAYWARD	SP-580	U.L. APPROVED
11	1	VACUUM CLEANER HEAD	HAYWARD	SP-1069	1 1/2" MOLDED DURAL W/ HANDLE
12	1	VACUUM HOSE	HAYWARD	-	1 1/2" x 50 FT.
13	1	WALL BRUSH	HAYWARD	-	18" NYLON CURVED BRUSH
14	1	LEAF SKIMMER	HAYWARD	-	-
15	1	LIFE RING	HAYWARD	-	20" RING W/ ROPE - 25 FT.
16	1	LIFE HOOK	HAYWARD	-	WITH 16' POLE
17	1	TEST KIT	TAYLOR	2005	STATE APPROVED
18	2	HAND RAILS	CUSTOM	-	54" S.S. TOP MIN. 28" ABOVE DECK
19	1	LADDER	RECREONICS	44035	3-TREAD CYCOLAC W/ CROSS-BRACING
20	1	FILTER	VAK-PAK	CP7VDE	SEE FILTER DRAWINGS



*REINFORCEMENT:
1. BOTTOM LESS THAN 5 FEET IN DEPTH:
WALL & BOTTOM SLAB #3 @12" O.C. E.W.
2. BOTTOM GREATER THAN 5 FEET IN DEPTH:
WALL & BOTTOM SLAB #3 @8" O.C. E.W.



<u>POOL DATA</u>	
AREA (OFFSET STEP EXCLUDED)	397 SQ FT
PERIMETER	88'
VOLUME	12,000 GAL
FLOW	50 GPM
TURNOVER TIME	4 HOURS
BATHING LOAD	10 PEOPLE



THIS SPACE RESERVED
FOR STATE APPROVAL STAMPS

NEVER DUNN'S		
BY CAMPGROUND SWIMMING POOL		
9219 SW OLD WIRE ROAD	CLATSOP COUNTY, FL	
SCALE: AS NOTED	APPROVED BY:	DRAWN BY: CSL
DATE: 05/21/07		REV.
PAUL S. LI, P.E. #18305 FL		
DESIGN & CONSULTING ENGINEER		
9218 CYPRESS GREEN DRIVE, SUITE 10	DRAWING NUMBER	
JACKSONVILLE, FL 32256	070530-SW2	

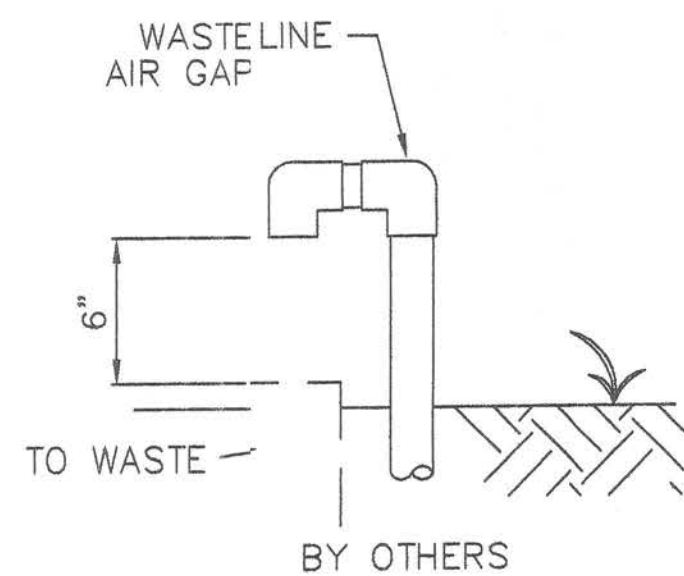
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LIFE COPY

NOTE: FOR USE WITH MODEL : CP7VDE - CP14VDE; 52.5 - 105 GPM

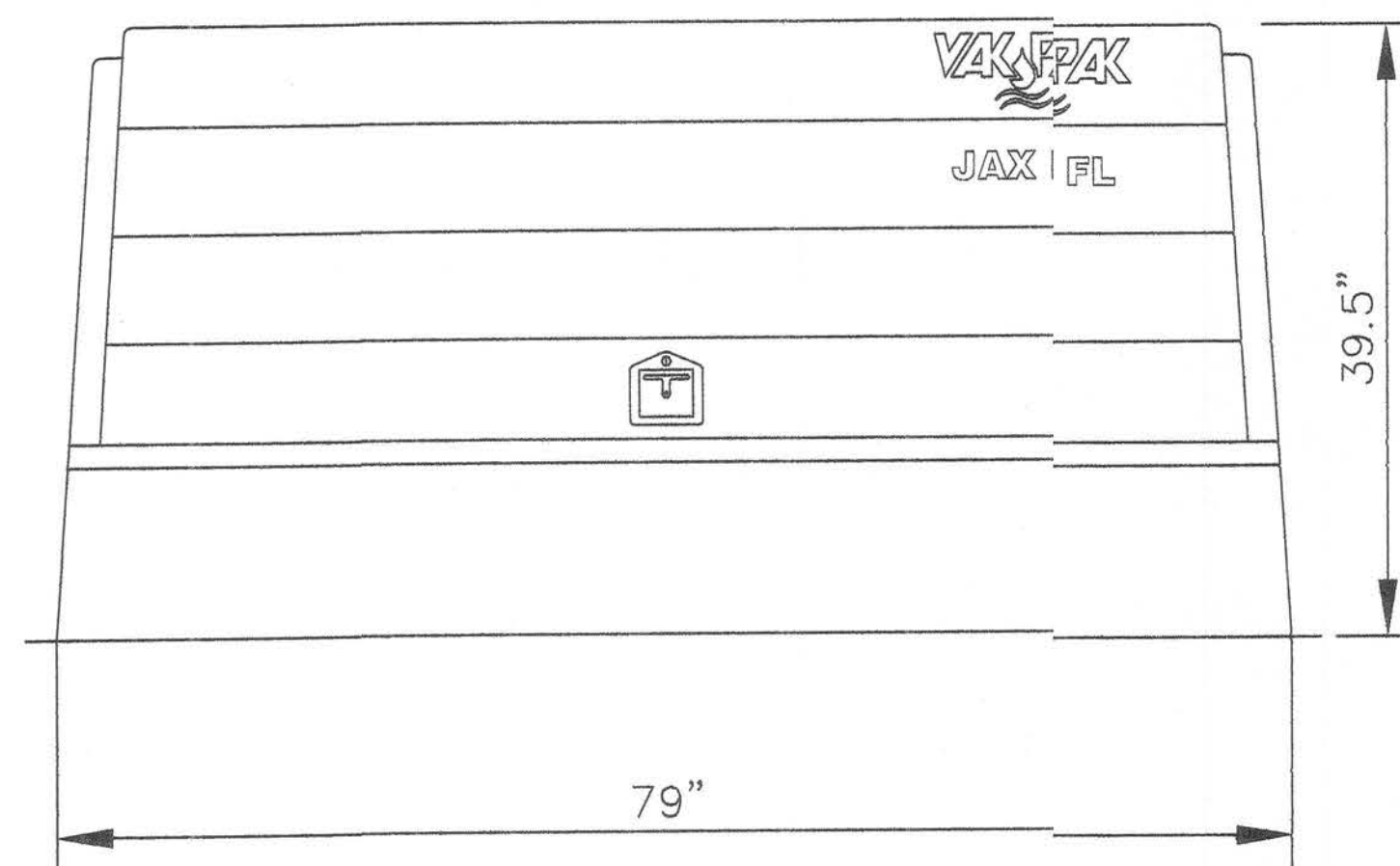
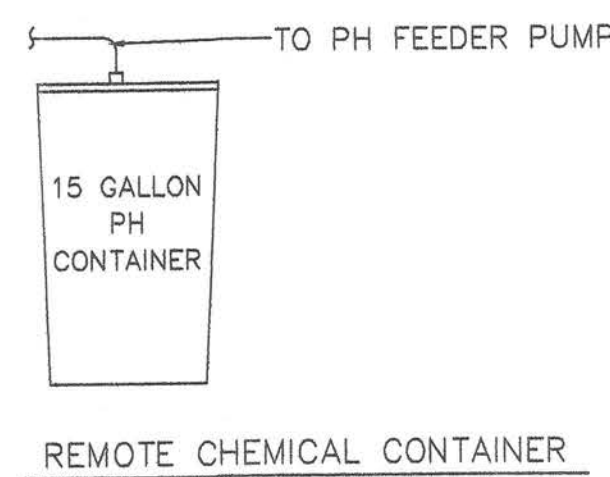
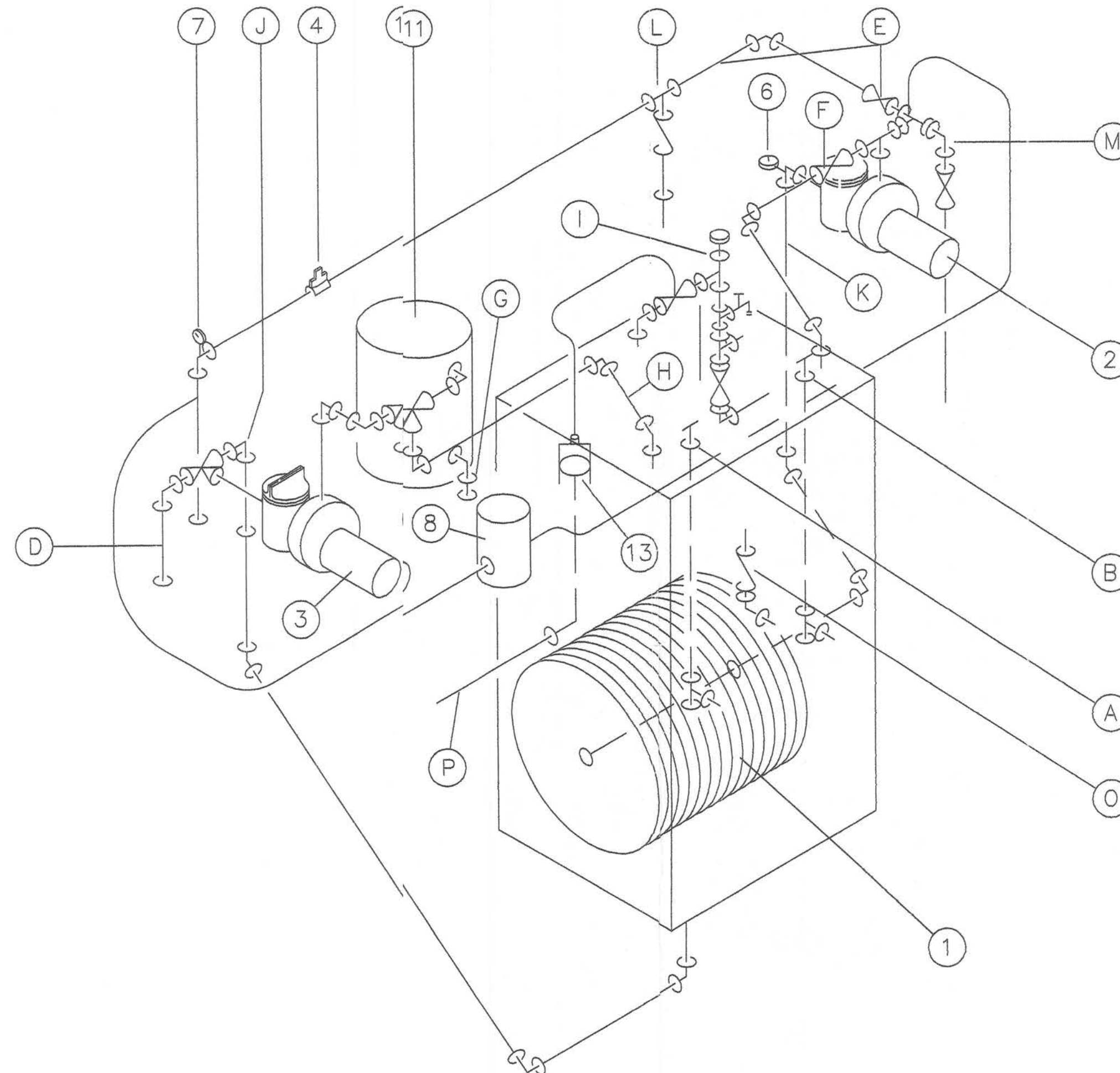
VACUUM J.E. FILTER SYSTEM	
VAK PAK	CP7VDE 18,900 GALLONS IN 6 HRS
52.5 GPM @ 2	GPI FILTER RATE, 26.25 SQ. FT. TOTAL
1	# 7 19" ELEMENT 3.5 SQ. FT. EACH FILTER 26.25 SQ. FT. TOTAL W/ SPACING BETWEEN GRIDS
2	1HP - STARITI RECIRCULATION PUMP, P2RA5EL 1 PHASE 230 VOLTS, 60 GPM @ 50 TDH, 5" STRAINER
3	3/4 H.P. STARITI P2RA5DL VACUUM PUMP, 1 PHASE 115 VOLTS 5" STRAINER
4	1.5" BLUE WHITE FLOWMETER, CF30 150 P, 20 TO 100 GPM
5	1 - VACUUM GAUGES 0# T 30#, 2" FACE
7	GENERAL INSTRUMENTS THERMOMETER 32° TO 248°F, 0° TO 120°
8	CL2 FEEDER BY VAK PK, MODEL CL35, 8.4 PPD WITH FLOWMETER AND FLOWADJUSTMENT VALVE
9	PH FEEDER BY STENNR, MODEL 45M2, 10 GPD 15 GALLON REMOTE CHEMICAL CROCK
11	1 JACUZZI 9408-3425 SEPARATOR TANKS, 80 SQ. FT. EACH
12	ELECTRICAL PANEL WITH SERVICE LIGHT, MINIMAL 30 FT. CANDLES MINIMUM 60 WATTS
13	RWLC WATER LEVEL CONTRL

VALVES AND PIPE SIZES	SIZE
A MAIN DRAIN	4"
B SKIMMER	4"
D VACUUM LINE	2"
E RETURN LINE	1.5"
G PUMP TO WASTE	1.5"
F FILTER PRECOAT	1.5"
H VACUUM TO FILTER	1.5"
I FRESH WATER FILL (HOSE BIBB W/VAC BKR)	1"
J FILTER TANK DRAIN	2"
K RECIRCULATION SLUTION	2"
L FROM HEATER	1.5"
M TO HEATER	1.5"
O TANK OVERFLOW	2"
P STATIC LINE	2"



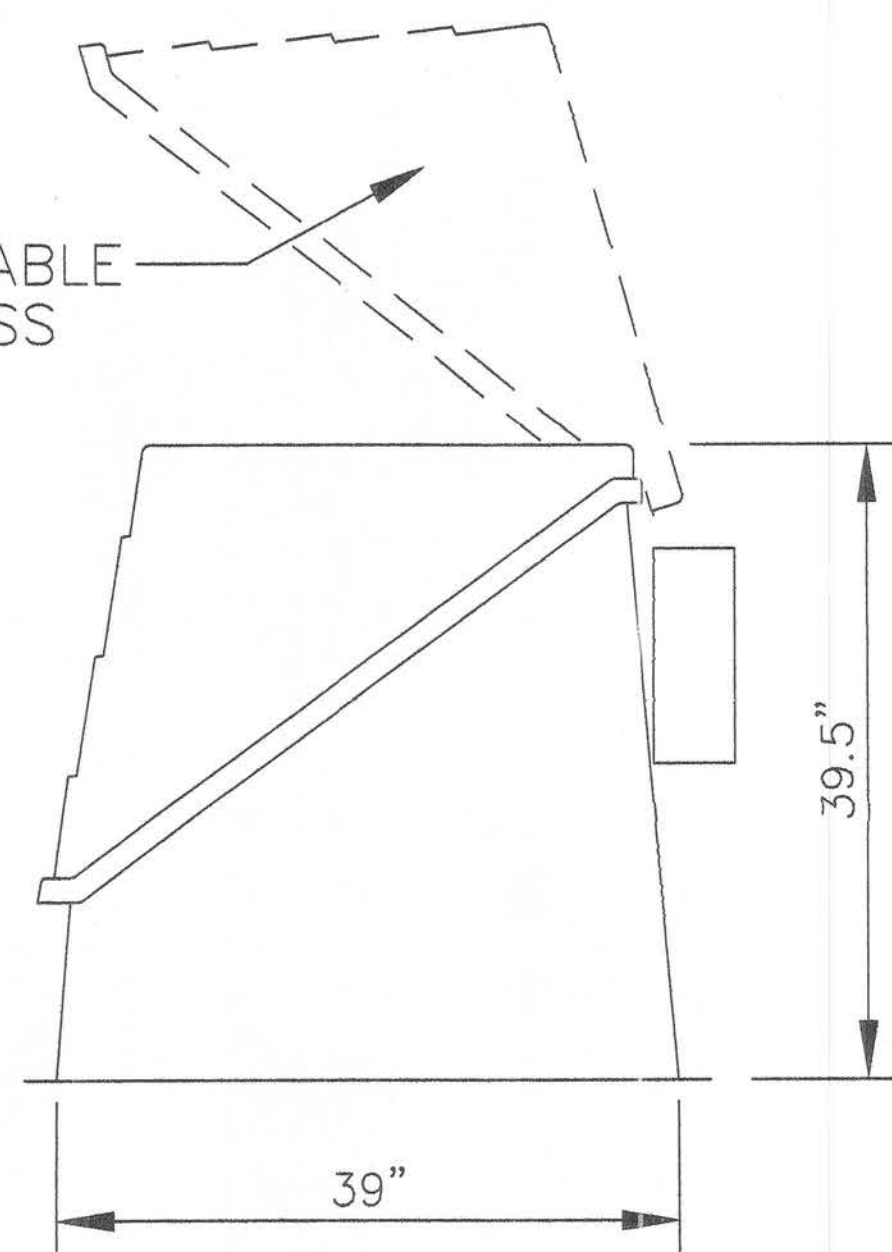
NOTES:

- ALL TANKS HAVE COVERED CORNERS
- ALL FILTER TANKS HAVE SLOPE FLOOR TO DRAIN.
- ALL PIPING "NSF-PW" APPROVED / ALL ELECTRICAL WIRING IN COMPLIANCE WITH NEC
ELECTRICAL INTERLOCK OF ELECTRICAL FEED EQUIPMENT WITH RECIRCULATION PUMP
HYDRAULIC INTERLOCK OF ROSEON FEED EQUIPMENT WITH RECIRCULATION PUMP FLOW
PROPORTIONING VALVES WHERE REQUIRED: 2 1/2" AND UNDER - JANDY DIVERTER
3" AND ABOVE - BUTTERFLY VALVE

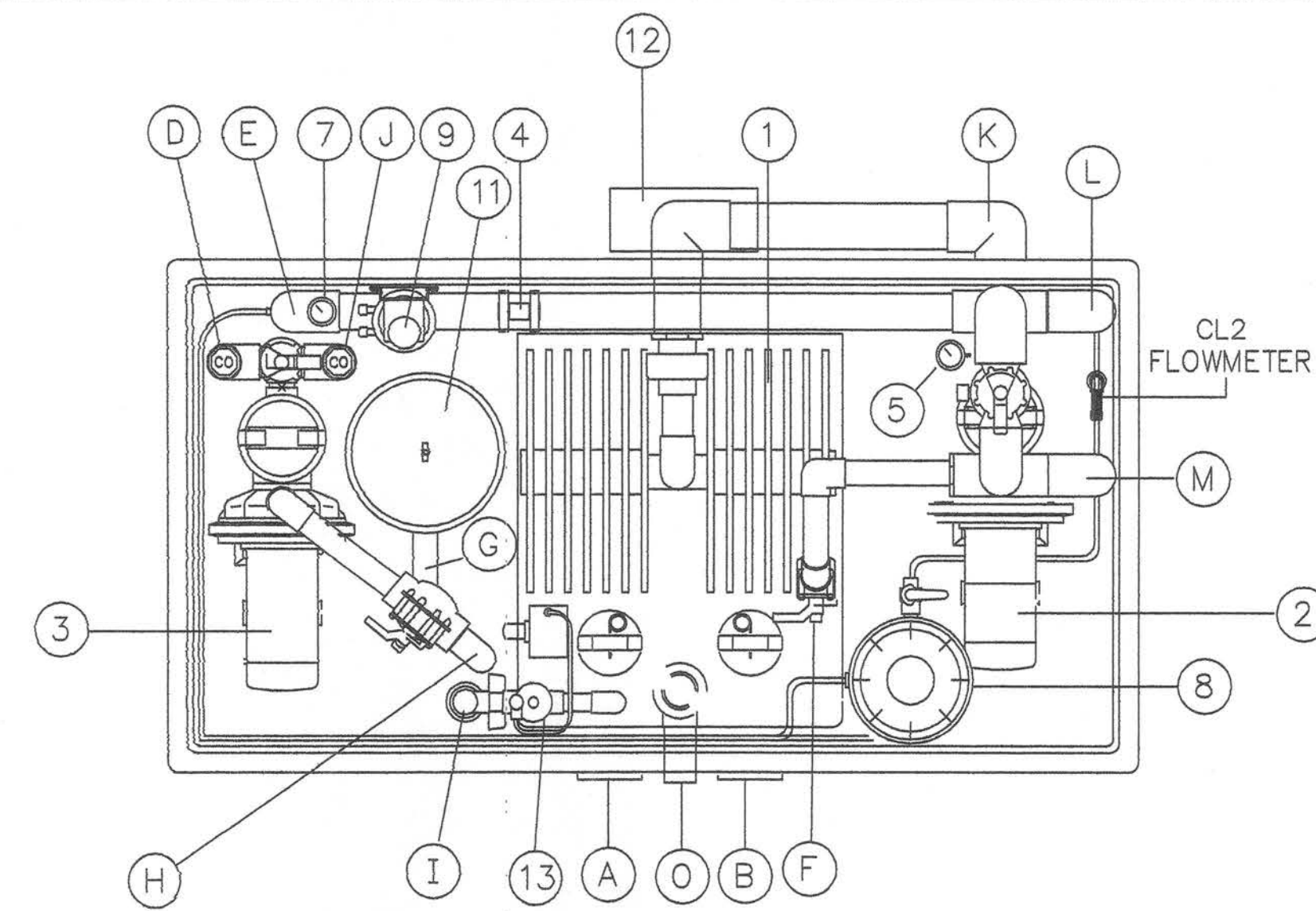


FRONT VIEW

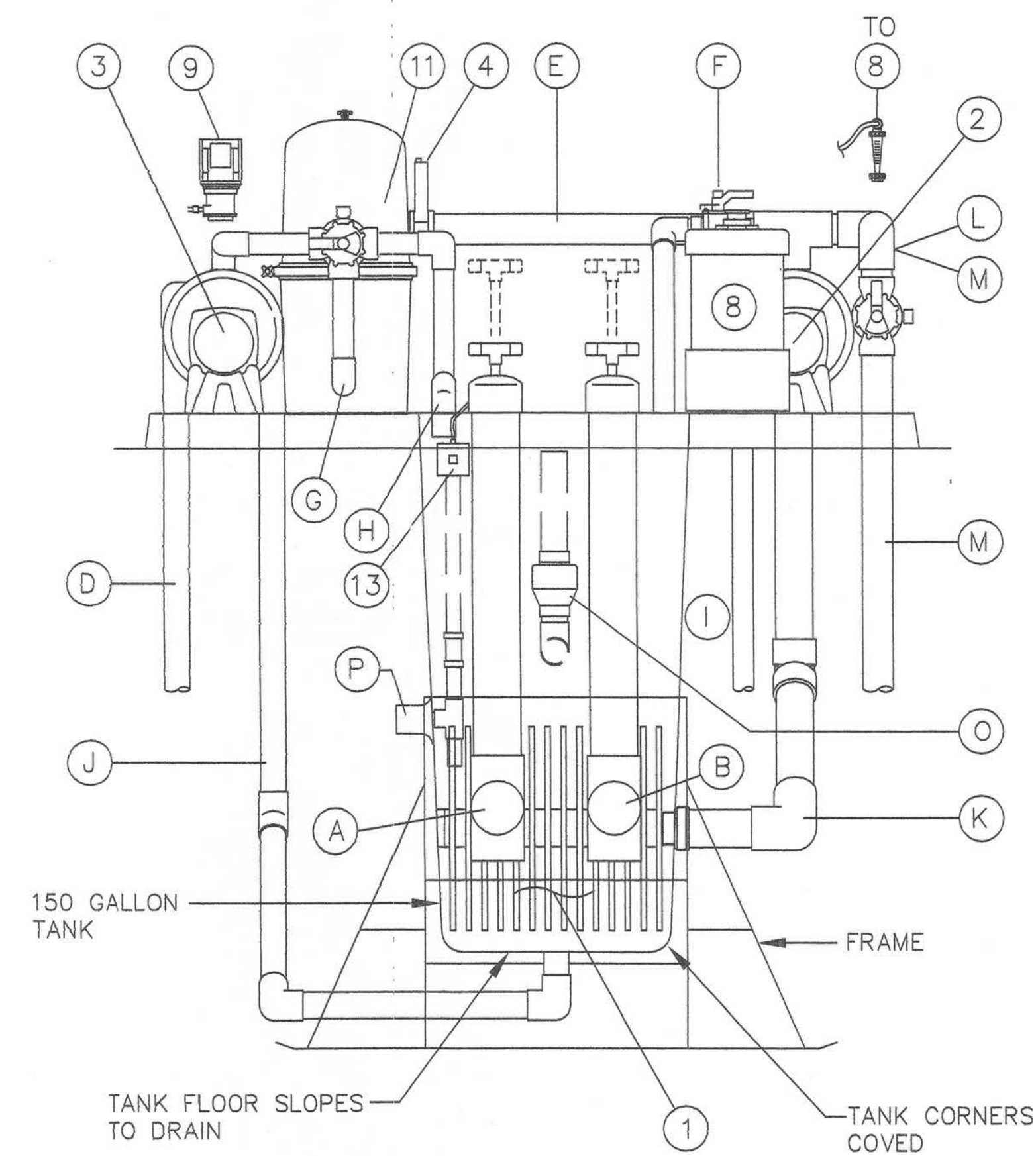
CB402 CABINET DETAIL
SCALE: 1"=1'-0"



SIDE VIEW



PLAN VIEW
SCALE: 1" = 1'-0"



FRONT VIEW
SCALE: 1" = 1'-0"

NOTE:
ELECTRIC PANEL MUST HAVE
3" CLEARANCE FOR MAINTENANCE

THIS SPACE RESERVED
FOR STATE APPROVAL STAMPS

NEVER DUNN'S
RV CAMPGROUND
SWIMMING POOL
929 SW OLD WIRE ROAD
COLUMBIA COUNTY, FL

MODEL # CP7VDE 04E
RECORD #
DWG # CP7-VDE-04E

COMMERCIAL
FILTRATION/RECIRCULATION/DISPLAY
SYSTEMS

VAK PAK
inc.

P.O. Box 3264 - Jacksonville, Florida 32206 - (904) 353-4403

FILE: CP7-VDE-04E.DWG

PROJECT: 070530-SW3