




**POOL & SPA EQUIPMENT:**

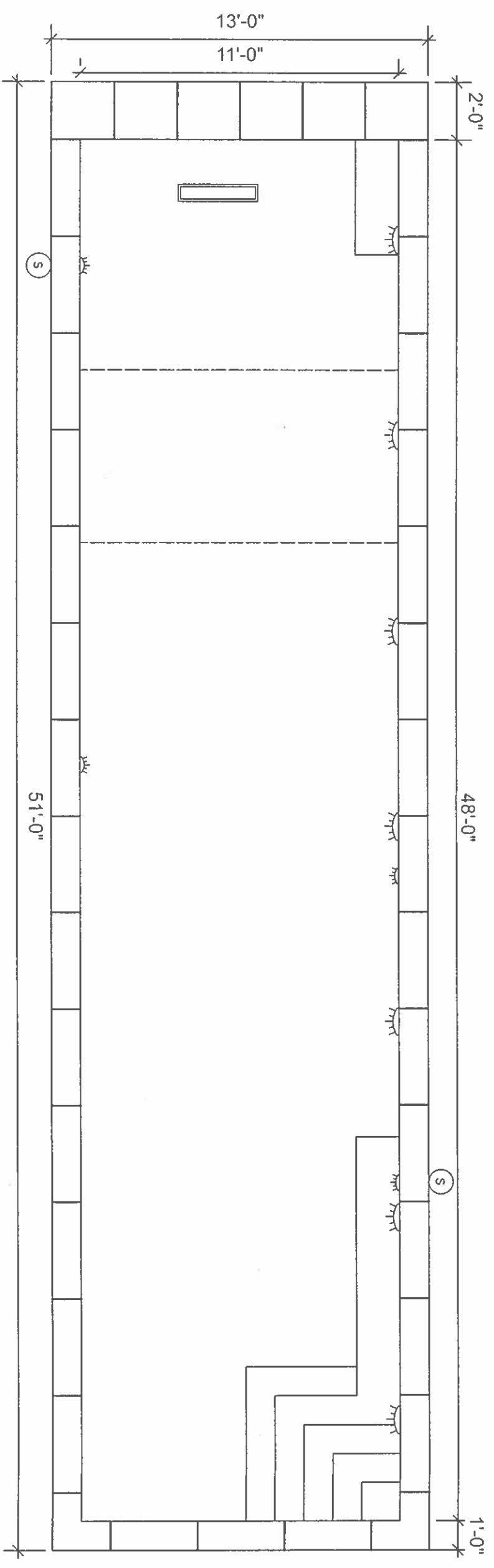
1. Filter pump: Pentair VS with SVRS (CONFORMS TO ASME/ANSI standard A112.19.17)
2. Filter: Pentair Cartridge 420 SF
3. Pentair 400000 BTU natural gas heater
4. Automation & Chlorinator: Pentair Intellcenter with integrated SCG
5. Automatic cover: Coverpools Saft-3

**POOL DATA:**

Size: 11'-0" x 48'-0"  
 Depth: 42" - 6'-0"  
 Square Feet: 528  
 Capacity: 17000 GALLONS (APPROX)  
 Filter Rate: 48 gpm req. for 8 hour turnover

**Symbols:**

-  Venturi Skimmer
-  Underwater light
-  Return outlets



**GENERAL NOTES:**

- 1.) HYDROSTATIC RELIEF PLUGS AND POOL DRAINS WILL BE INSTALLED AT BUILDERS DISCRETION. THE NUMBER AND LOCATION OF WHICH WILL BE DETERMINED FROM ACTUAL GROUND WATER CONDITIONS FOUND AT TIME OF EXCAVATION
- 2.) POOL SHALL BE SET ON GRAVEL OR DENSE GRADED AGGREGATE FOR PROPER DRAINAGE. A DRAINAGE SYSTEM WILL BE INSTALLED BELOW THE POOL TO ADEQUATELY DRAIN THE AREA WITHOUT SATURATING THE SOIL.
- 3.) TEMPORARY FENCE WILL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS. PLASTERING AND FILLING WILL NOT BE COMPLETED UNTIL PERMANENT FENCE WITH SELF CLOSING AND SELF LATCHING GATE(S) PER LOCAL ORDINANCE ARE INSTALLED.
- 4.) CONCRETE SHALL BE PROPORTIONED TO MEET SPECIFIED STRENGTH OF 4000 PSI.
- 5.) REINFORCEMENT STEEL WILL CONFORM TO ASTM-615 GRADE 40. MINIMUM BAR LAP SHALL BE 42DIA. UNLESS SHOWN OTHERWISE. STEEL FRAME WILL BE FASTENED TO PILING CAP, SEE DETAIL.
- 6.) ALL CONCRETE SHALL BE AIR ENTRAINED, WITH A TOTAL AIR CONTENT OF 5%
- 7.) ALL NECESSARY INSPECTIONS WILL BE DONE PRIOR TO PLACEMENT OF CONCRETE
- 8.) ALL BACKFILL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY (ASTM D1557).
- 9.) DIMENSIONS SHOWN MAY BE APPROXIMATE AND ALL DIMENSIONS WILL BE VERIFIED WITH OWNER PRIOR TO CONSTRUCTION.
- 10.) CONCRETE SIDEWALKS TO BE REMOVED WILL BE SAW CUT AT A CONSTRUCTION JOINT OR THE NEAREST EXPANSION JOINT.
- 11.) ALL CONSTRUCTION WILL MEET MINIMUM STANDARDS OF THE INTERNATIONAL RESIDENTIAL CODE 2021 (ANSI/SP1-5) FOR RESIDENTIAL USE and ISpsc 2021
- 12.) UNDERGROUND UTILITY MARKOUTS WILL BE DONE IN ADVANCE OF CONSTRUCTION.
- 13.) ALL MECHANICAL SYSTEMS AND HEATERS WILL BE PROPERLY SPECIFIED AND INSTALLED FOR THE INTENDED USE
- 14.) ELECTRICAL CONNECTIONS AND WIRING SHALL CONFORM TO THE NATIONAL ELECTRIC CODE, LATEST REVISION.
- 15.) THIS DRAWING OR REPORT, AND ALL INFORMATION CONTAINED HEREIN, IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK IS BEING CONTRACTED OR CERTIFIED TO. ANY UNAUTHORIZED USE, DISCLOSURE, COPYING, DISTRIBUTION OR RELIANCE ON THIS OR ANY RELATED PLAN OR REPORT IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF SPECIALIZED CONTRACTING SERVICES INCORPORATED.
- 16.) THERE WILL BE NO ON-SITE STORAGE OF MATERIALS

**GAAL RESIDENCE**

SHEET 1 OF 2

POOL DESIGN

SCALE: 1/4" = 1'-0"

Block : 74 Lot: 8

OCTOBER 7, 2023  
 JOB No. 23-3212

BOROUGH OF BAY HEAD  
 OCEAN COUNTY NEW JERSEY



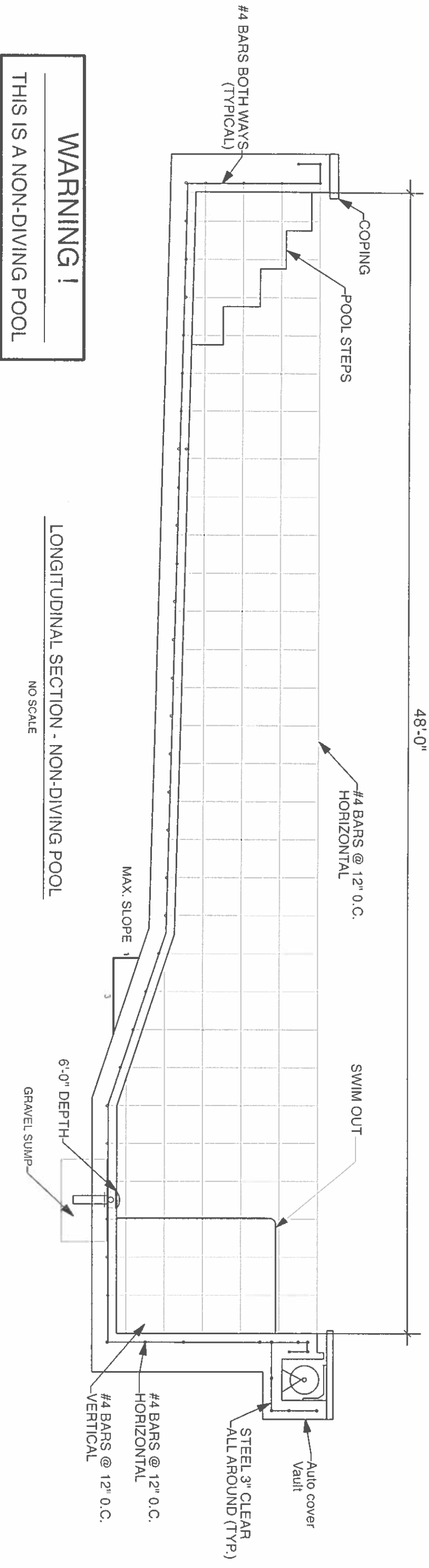
**specialized pools**

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 P 732-477-1311

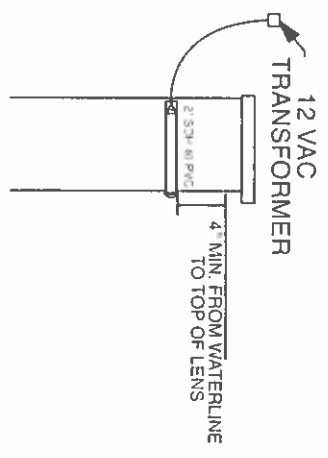
**R.C. BURDICK, P.E., P.P., P.C.**  
 CONSULTING ENGINEERS, SURVEYORS, PLANNING  
 ENVIRONMENTAL PERMITTING

1023 OCEAN ROAD  
 POINT PLEASANT, NJ 08742  
 732-892-5050 FAX 732-892-5888 N.J. PROFESSIONAL PLANNER # 04383

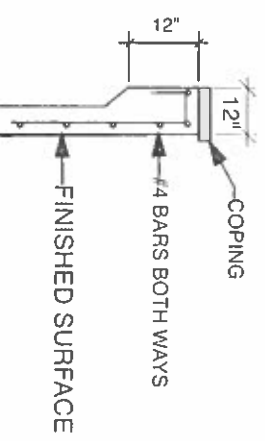
**WARNING!**  
 THIS IS A NON-DIVING POOL



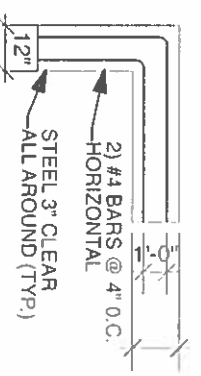
LONGITUDINAL SECTION - NON-DIVING POOL  
NO SCALE



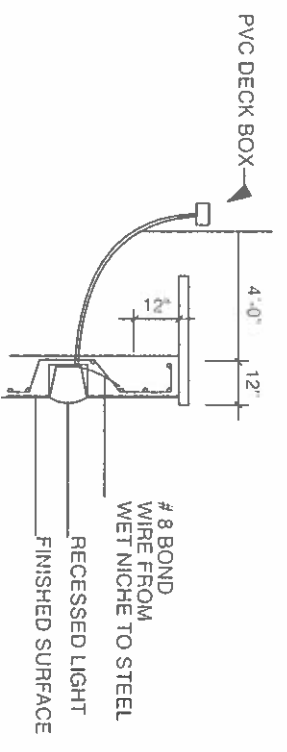
DETAIL - 12 VAC LIGHT  
NO SCALE



DETAIL - BOND BEAM  
NO SCALE



DETAIL - BEAM  
NO SCALE



DETAIL - LIGHT BOX  
NO SCALE

**GAAL RESIDENCE**

SHEET 2 OF 2  
SCALE: N.T.S

**CROSS SECTIONS**

Block : 74 Lot: 8

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