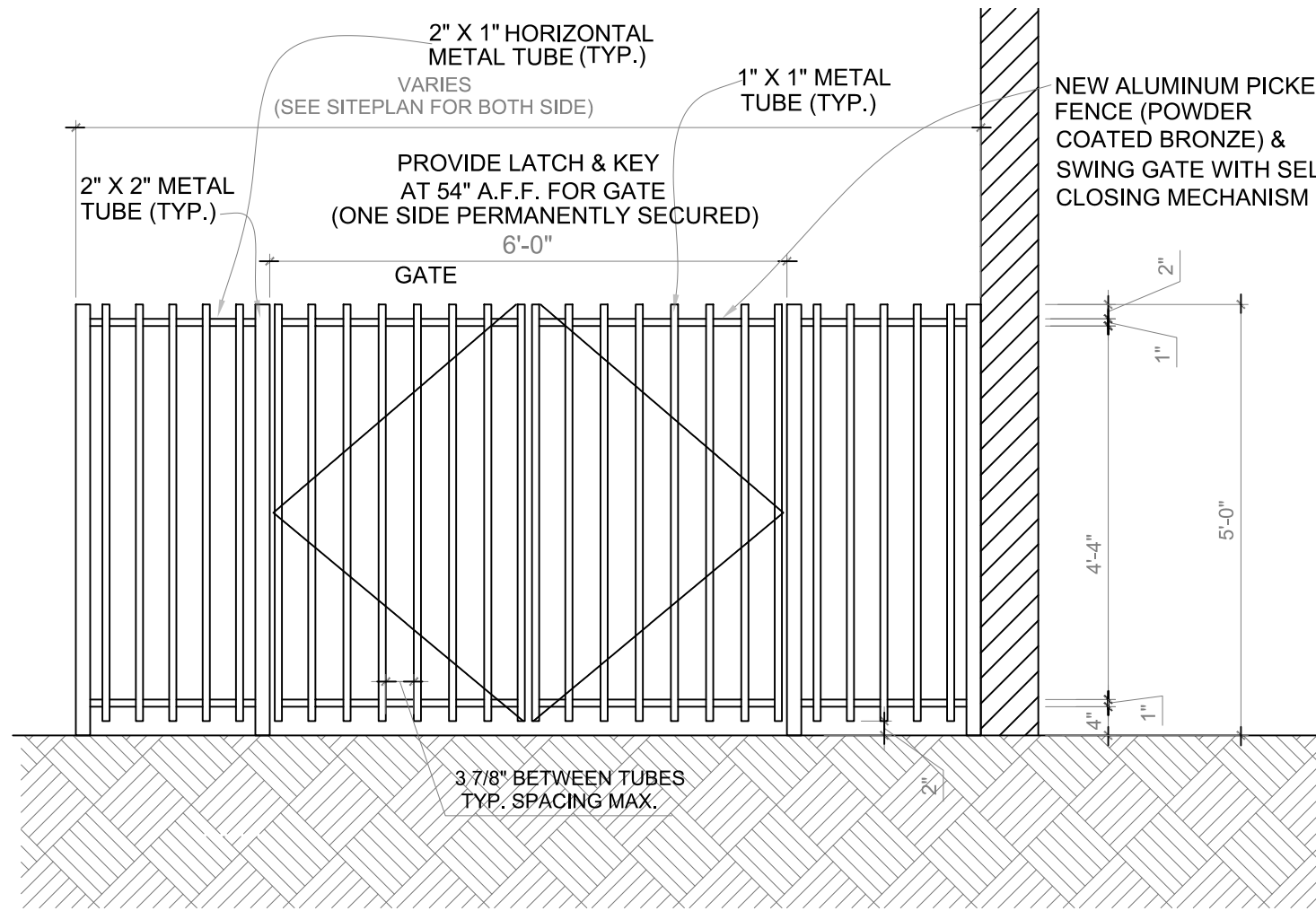
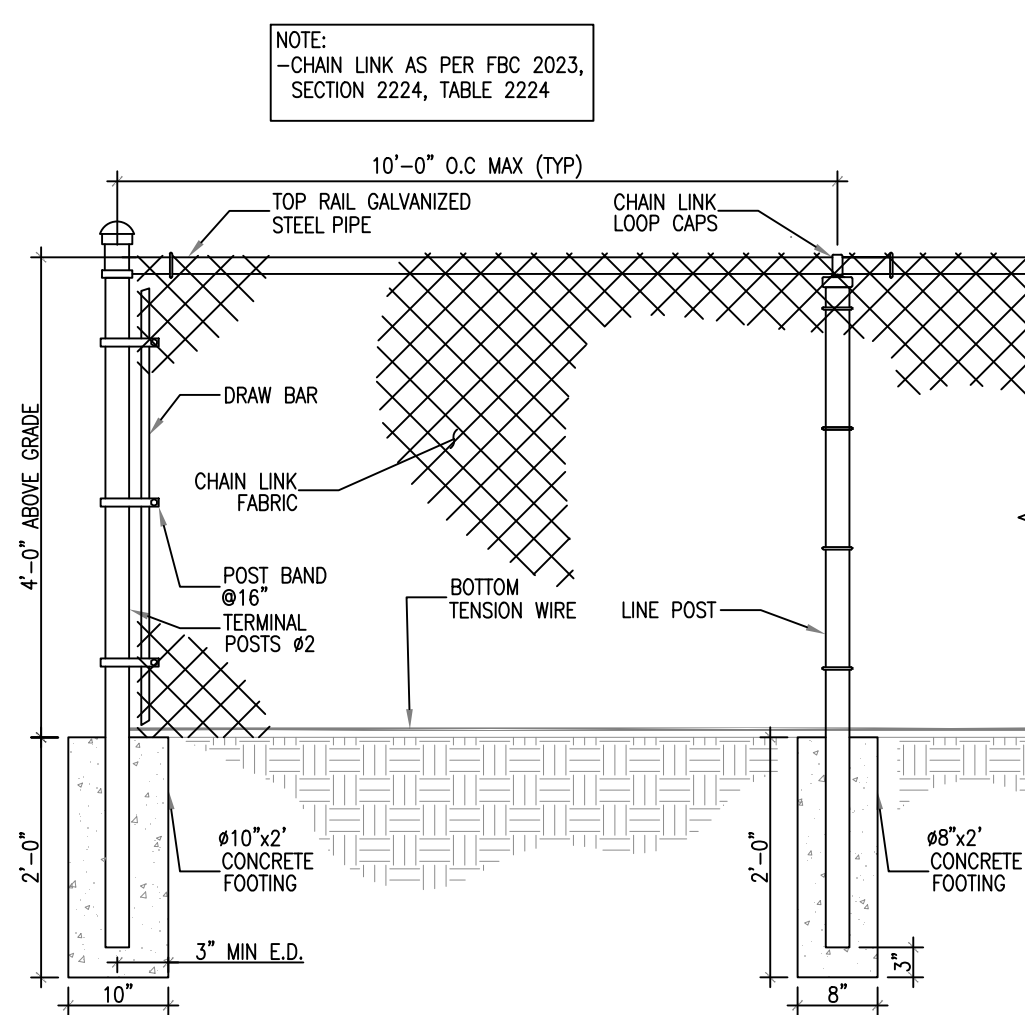




SIDE GATE FENCE
(under separate permit)

1 SCALE: 1/2" = 1'-0" BOTH SIDES



CHAINLINK FENCE
(under separate permit)

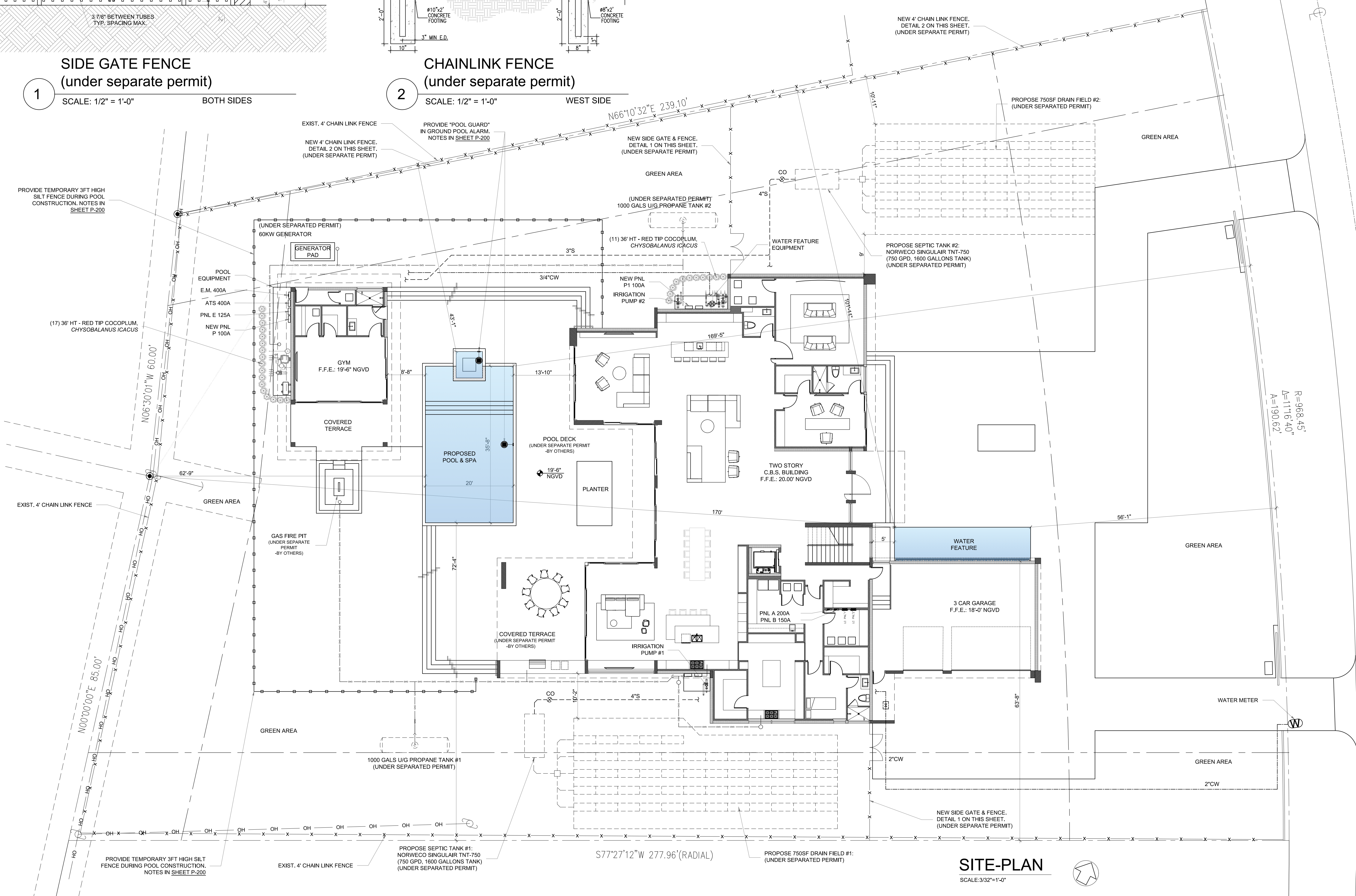
2 SCALE: 1/2" = 1'-0" WEST SIDE

INDEX OF DRAWINGS

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P-400	WATER FEATURE ARCHITECTURAL PLAN
P-401	WATER FEATURE PLUMBING
P-500	ELECTRICAL RISER PLAN
P-501	LIGHTING/BONDING ELECTRICAL PLAN & LOAD CALCULATION

SCOPE OF WORK

1. NEW POOL AT SINGLE FAMILY RESIDENCE (SFR UNDER MASTER PERMIT BL2025-0369)
2. NEW WATER FEATURE AT SFR (SFR UNDER MASTER PERMIT BL2025-0369)
WATER FEATURE STRUCTURE BY OTHERS UNDER MASTER PERMIT.
PLUMBING AND ELECTRICAL WORK UNDER THIS PERMIT.
3. POOL CONCRETE DECK BY OTHERS UNDER MASTER PERMIT.
4. DRIVEWAY, GAS FIRE, DRAINFIELD, STORM DRAINAGE UNDER SEPARATE PERMIT.



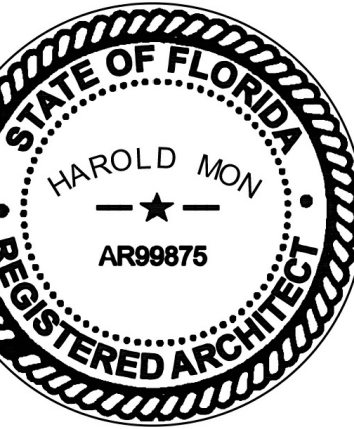
SITE-PLAN

SCALE: 3/32" = 1'-0"



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HAROLD MON, AIA



SITE PLAN
NEW POOL AT SINGLE FAMILY RESIDENCE
12700 ROLLING RD DR, PINECREST, FL 33156
12700 ROLLING RD, LLC
8879 SW 131 ST, MIAMI, FL 33176

SHEET JOB OWNER
REVISIONS:

JOB NUMBER:
12700
SHEET NUMBER:

P-100

ORIGINAL ISSUE DATE: 2026.01.09
PLOT DATE: 2026-01-28

GENERAL NOTES
POOL CONTRACTOR OR OWNER MUST FOLLOW THE DESIGN OF THIS POOL AS PER APPROVED PLANS. - CHANGES: IF DURING CONSTRUCTION THE OWNER OR CONTRACTORS NEED TO MAKE SOME CHANGES TO THE APPROVED DESIGN, ALL WORK MUST BE STOPPED AND THE ENGINEER ON RECORD MUST BE NOTIFIED IN WRITING. ANY CHANGES DONE TO THE DESIGN DURING CONSTRUCTION WITHOUT APPROVAL OF ENGINEER AND MUNICIPALITY BUILDING DEPARTMENT IS SOLELY RESPONSIBILITY OF POOL CONTRACTOR OR OWNER. - SETBACKS: CONTRACTOR SHALL VERIFY ALL SETBACKS FROM PROPERTY LINES AND STRUCTURES PRIOR TO EXCAVATION, SHOULD ANY SETBACKS BE LESS THAN THE MINIMUM REQUIREMENTS, EITHER BY OWNER OR BUILDING OFFICIAL, THE ENGINEER SHALL BE NOTIFIED. - EMPTY POOL: WARNING TO EMPTY POOL AFTER CONSTRUCTION FOR REPAIRS OR ANY OTHER REASON, THE HYDROSTATIC UPLIFT PRESSURES BENEATH THE POOL MUST BE ELIMINATED TO PREVENT THE POOL FROM FLOATING UPWARD. THE OWNER MUST CONSULT AND POOL REPAIR CONTRACTOR EXPERIENCED IN ELIMINATING UPLIFT PRESSURES. - FOR DRAINAGE: PLEASE REFER TO MASTER PLANS FOR APPROVED CIVIL PLANS SEE UPLOADED FILES FOR REFERENCE - LANDSCAPING: IS APPROVED UNDER MASTER PERMIT REFER TO APPROVED PAGES UPLOADED FOR POOL CONTRACTOR MUST FOLLOW APPROVED PLANS - DESIGN, CONSTRUCTION AND WORKMANSHIP: SHALL BE IN CONFORMITY WITH THE REQUIREMENTS OF 2023 (8TH EDITION) CHAPTER 45 PRIVATE SWIMMING POOLS AND ANSI/APSP/ICC3, ANSI/APSP/ICC4, ANSI/APSP/ICC5, ANSI/APSP/ICC6, AND ANSI/APSP/ICC7.

POOL BARRIER
PROVIDE "POOL GUARD" IN GROUND POOL ALARM NSF CERTIFIED TO ASTM F 2208-08. REFER TO POOL BARRIER CODE NOTES IN SHEET P-200
NOTES: 3.A SWIMMING POOL ALARM THAT, WHEN PLACED IN A POOL, SOUNDS AN ALARM UPON DETECTION OF AN ACCIDENTAL OR UNAUTHORIZED ENTRANCE INTO THE WATER, SUCH POOL ALARM MUST MEET AND BE INDEPENDENTLY CERTIFIED TO ASTM STANDARD F2208, TITLED "STANDARD SAFETY SPECIFICATION FOR RESIDENTIAL POOL ALARMS," WHICH INCLUDES SURFACE MOTION, PRESSURE, SONAR, LASER, AND INFRARED ALARMS. FOR PURPOSES OF THIS PARAGRAPH, THE TERM "SWIMMING POOL ALARM" DOES NOT INCLUDE ANY SWIMMING PROTECTION ALARM DEVICE DESIGNED FOR INDIVIDUAL USE, SUCH AS AN ALARM ATTACHED TO A CHILD THAT SOUNDS WHEN THE CHILD EXCEEDS A CERTAIN DISTANCE OR BECOMES SUBMERGED IN WATER.

poolguard®

IMPORTANT

OPERATING INSTRUCTIONS MANUAL

English • Español

HELPFUL HINTS & TIPS

MEETS REQUIREMENTS OF ASTM SAFETY SPECIFICATION F 2208

MODEL PGRM - 2 85dB Horn at 10 Feet

This product has been designed to aid in the detection of unwanted intrusions into unsupervised pools. POOLGUARD IS A SAFETY ALARM SYSTEM AND NOT A LIFE SAVING DEVICE. This device is not intended to replace any other safety consideration (i.e., adult supervision, lifeguards, fences, gates, pool covers, locks, etc., and some devices may not detect gradual entry.*

TEST BEFORE USING

To ensure effectiveness, test POOLGUARD every time you place it into the pool by performing the following procedure:

- POOLGUARD DOES NOT HAVE AN ON/OFF SWITCH** When the alarm is in the pool it is always in the **ON** position and cannot be turned off. When the alarm is out of the pool it is always in the **OFF** position.
- To test your alarm pump an object of appropriate volume and weight of the deck edge at the farthest location from the alarm, (A bar (41 gallon jug of water or 3-one (1) gallon jug) of water tied together are ideal for testing) The alarm should sound when the water action caused by the intrusion reaches the unit. It may take a few seconds for the alarm to react to the water action.
- After resetting the alarm and allowing time for the water action to settle, repeat the procedure from another point in the pool unit you are testing of detection performance.
- POOLGUARD includes a timer function which automatically resets the unit after the alarm has sounded for approximately 5 minutes.

ADJUSTING YOUR RETURN LINE FITTINGS

The POOLGUARD alarm should not be placed too close to a return line, also do not place POOLGUARD in a location in the pool where a return line is pointing in the alarm direction. Water turbulence may be too strong, falsely setting the alarm off or the water turbulence may interfere with the alarm's ability to detect an intrusion. If you have more than 2 return lines please call customer service at 1-800-242-7163. It is very important in pools to adjust all the eyeball fittings on your return lines so that the water flow will not interfere with your pool alarm. **Point all the eyeball fittings down and your pool will still circulate properly and this will allow POOLGUARD to function properly.** (See Figure 5). Pointing the eyeball fittings down also helps revert algae growth.

FIGURE 5

CORRECT **INCORRECT**

ELECTRICAL NOTES
(CHAPTER 27 THE FLORIDA BUILDING CODE 8TH EDITION) - ALL POOL ELECTRICAL WORK ELECTRICAL EQUIPMENT WIRING AND INSTALLATION, INCLUDING THE BONDING AND A GROUNDING OF POOL COMPONENTS SHALL COMPLY WITH CHAPTER 27 OF THE FLORIDA BUILDING CODE, (8TH EDITION) BUILDING. - ALL POOL ELECTRICAL WORKS, GROUNDING AND BONDING MUST BE CONFORM WITH THE N.E.C. 2023, ART. 680 - AT LEAST ONE 6"X4" PROTECTED, 125-VOLT RECEPTACLE OUTLET IS REQUIRED BETWEEN 6 AND 20 FEET OF THE INSIDE WALL OF THE POOL. N.E.C. 680.22(A)(1)RESIDENTIAL AND COMMERCIAL - THE EQUIPMENT GROUNDING CONDUCTOR MUST BE A MINIMUM 12 AWG COPPER, N.E.C. 680.21(A)(1), 680.23(F)(2),680.25(8)(1) - EQUIPOTENTIAL BONDING TO COMPLY WITH 2023 N.E.C. 680.26(8) SHALL BE INSTALLED IN OR UNDER PAVED WALKING SURFACES FOR THREE FEET HORIZONTALLY BEYOND THE WALLS OF THE POOL. N.E.C. 680.26(C) [4 POINTS & DECK BONDING (360 DEGREES)] - RECEPTACLE OUTLETS ARE NOT PERMITTED WITHIN 6 FEET OF THE INSIDE WALLS OF A POOL. N.E.C. 680.22(A)(2) - POOL PUMP MOTOR CIRCUITS, MUST BE PROVIDED WITH GFCI PROTECTION. N.E.C. 680.21(C) - LIGHTING OUTLETS MUST BE LOCATED A MINIMUM OF 5 FEET FROM THE INSIDE WALL OF A POOL OR MOUNTED A MINIMUM OF 12 FEET ABOVE THE MAXIMUM WATER LEVEL. N.E.C. 680.22(8)(1.1) - OVERHEAD CONDUCTORS ARE NOT PERMITTED OVER THE POOL OR WITHIN 10 FEET HORIZONTALLY FROM THE EDGE OF THE POOL. FBC 424.1.4.2.4 - OVERHEAD CONDUCTORS SHALL NOT BE PERMITTED OVER THE POOL OR WITHIN 10 FEET HORIZONTALLY FROM THE EDGE OF THE POOL UNLESS PROVIDED WITH CLEARANCE TO COMPLY WITH N.E.C. 680.8. - A CONDUCTIVE ELEMENT THAT IS PART OF THE POOL BONDING SYSTEM MUST BE IN DIRECT CONTACT WITH THE POOL WATER. IN THE ABSENCE OF RAILS, LADDERS OR NICHES, A WATER BONDING SHALL MEET THE REQUIREMENT. N.E.C. 680.26(C) - ALL METAL PARTS WITHIN 5 FEET OF THE POOL MUST BE BONDED TO A COMMON BONDING GRID. N.E.C. 680.26(8)(5) - OUTLETS SUPPLYING POOL PUMP MOTORS CONNECTED TO SINGLE-PHASE 120-VOLT THROUGH 240-VOLT BRANCH CIRCUITS SHALL BE BY DIRECT CONNECTION, AND OUTLETS SUPPLYING OTHER ELECTRICAL EQUIPMENT AND UNDERWATER LUMINARIES OPERATING AT VOLTAGES GREATER THAN THE LOW VOLTAGE CONTACT LIMIT, CONNECTED TO SINGLE-PHASE 120 VOLT THROUGH 240 VOLT BRANCH CIRCUITS, RATED 15 OR 20 AMPERES, WHETHER BY RECEPTACLE OR BY DIRECT CONNECTION, SHALL BE PROVIDED WITH GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL.

STRUCTURE NOTES
ALL WORK SHALL COMPLY WITH THE F.B.C. EIGHTH EDITION (2023). THE AMERICAN CONCRETE INSTITUTE ACI-318-19, ASCE 7-22 AND ALL OTHERS APPLICABLE CODES AND REGULATIONS. - ALL POOL CONCRETE SHALL DEVELOP A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. - ALL REINFORCING STEEL SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI. - ALL DECK CONCRETE (WHEN INSTALLED UNDER THESE PLANS) SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI. - THE DESIGN OF THIS PROJECT HAS INCORPORATED A RATIONAL DESIGN APPROACH BASED ON ACCEPTED ENGINEERING PRINCIPALS. - ALL REINFORCING STEEL SPLICES SHALL BE 18" IN LENGTH UNLESS OTHERWISE INDICATED ON THESE PLANS. - ALL REINFORCING STEEL BEAMS SHALL BE BY HAND WITHOUT THE APPLICATION OF HEAT TO THE STEEL.
PLUMBING NOTES
(CHAPTER 45 FBC (8TH) EDITION PRIVATE SWIMMING POOLS) - ALL POOL EQUIPMENT PIPING SHALL BE SCHEDULE 40, PVC-PW, NON-THREADED, NSF APPROVED SUPPORTED CONTINUOUSLY ON GROUND OR ON MAXIMUM 4'-0" CENTERS WITH CLEVIS HANGERS. - ALL SUCTION PIPING SHALL BE 2" DIAMETER AND ALL PRESSURE PIPING 1-1/2" DIAMETER UNLESS OTHERWISE NOTED. - POOL WATER DISPOSAL SHALL BE IN ACCORDANCE WITH LOCAL BUILDING DEPARTMENT REQUIREMENTS. - ANTI VORTEX MAIN DRAINS SHALL HAVE ITS PLATE SECURELY FASTENED WITH TAMPERPROOF SCREWS. - POOL VACUUM SHALL HAVE SPRING LOADED CAP IN ACCORDANCE WITH THE FLORIDA BUILDING CODE. - ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE-PLUMBING SECTION 309 AS IT PERTAINS TO BUOYANCY. - R4501.6.3 WATER VELOCITY. POOL PIPING SHALL BE DESIGNED SO THE WATER VELOCITY WILL NOT EXCEED 10 FEET PER SECOND (3048 MM/S) FOR PRESSURE PIPING AND 8 FEET PER SECOND (2438 MM/S) FOR SUCTION PIPING, EXCEPT THAT THE WATER VELOCITY SHALL NOT EXCEED 8 FEET PER SECOND (2438 MM/S) IN COPPER TUBING. MAIN SUCTION OUTLET VELOCITY MUST COMPLY WITH ANSI/APSP/ICC 7, EXCEPTION: JET INTL FITTINGS SHALL NOT BE DEEMED SUBJECT TO THIS REQUIREMENT. - ALL PIPING SHALL BE SUITABLE FOR EXPOSURE TO ULTRA VIOLET RADIATION AND NORMAL OPERATING TEMPERATURES. - R4501.7.1 STRAINER. POOL CIRCULATING PUMPS SHALL BE EQUIPPED ON THE INLET SIDE WITH AN APPROVED-TYPE HAIR AND LINT STRAINER WHEN USED WITH A PRESSURE FILTER.
SOIL STATEMENT
A VISUAL INSPECTION AT JOB SITE SHOWED A SOIL COMPOSED OF SAND AND ROCK, A BEARING CAPACITY OF 2000 P.S.F. HAS BEEN ASSUMED. FURTHER MORE, UPON BREAKING OF GROUND, A LETTER SHALL BE SUBMITTED TO THE BUILDING OFFICIAL VERIFYING AND ATTESTING THAT THE SITE CONDITIONS ARE SIMILAR TO THOSE UPON THE DESIGN BASED.
WATER FEATURE STRUCTURE UNDER MASTER PERMIT
BL2025-0369

ELEVATION **SECTION**

FIGURE 2

TYPE III SILT FENCE DETAIL
NO SCALE

GENERAL NOTES:

- PROTECT EXISTING AND PROPOSED INLETS DURING CONSTRUCTION.
- SWEEP ROADS AND CONSTRUCTION SITE PERIODICALLY TO REMOVE CONSTRUCTION DEBRIS AND SEDIMENT.
- STORM DRAINAGE (EXIST. & PROP.) TO BE SEDIMENT AND SILT FREE DURING CONSTRUCTION AND AT FINAL SINK THROUGH.
- DISTURBED GRASSED AREAS SHALL BE RESODDED & RESTORED PRIOR TO PROJECT TURN-OVER. RESTORATION AND RESOUNDING SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF REQUIRED IMPROVEMENTS.
- ALL AREAS DISTURBED, DAMAGED, OR DEGRADED BY THE CONTRACTOR SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL REQUIREMENTS OF THE FDP NPDES PERMIT FOR STORMWATER DISCHARGE FROM LARGE & SMALL CONSTRUCTION ACTIVITIES INCLUDING BMP MONITORING AND REPORTING) AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). ALL DISCHARGE FROM Dewatering operations (IF APPLICABLE) SHALL BE CONTAINED ON-SITE.
- REFER TO LANDSCAPE PLANS FOR TREE PRESERVATION OR REMOVAL.
- CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACCESS, MAINTENANCE OF TRAFFIC (MOT)AND SAFE PEDESTRIAN ACCESS DURING CONSTRUCTION WITH THE OWNER, ENGINEER, AND CITY OF FT. LAUDERDALE PRIOR TO SCHEDULING STREET/SIDEWALK CLOSURES.

SOIL MANAGEMENT NOTES:

- ALL MATERIAL REMOVED DURING EXCAVATION HAVE TO BE DISPOSED IN A LANDFILL BY POOL CONTRACTOR.
- REMOVE EXISTING MATERIAL 1' BELOW THE REQUIRED DEPTH AND FILL WITH NEW MATERIAL (FILL MUST BE CLEAN, NON-ORGANIC SOIL , SAND OR LIMEROCK MATERIAL, COMPACTED TO 95% MODIFIED PROCTOR DENSITY AS PER ASTM D-1557 IN LIFTS NOT EXCEEDING 12" IN DEPTH.
- ALL EXCAVATED SOILS BELOW 2FT SHALL REQUIRE DISPOSAL TO A PERMITTED CLASS 1 LANDFILL.
- EXCAVATED SOILS IF NOT DIRECTLY UPLOADED INTO TRUCKS, SHALL BE TEMPORARILY STOCKPILED ON A DOUBLE LAYER OF AT LEAST 6-MIL. THICK POLYETHYLENE.
- DUST CONTROL MEASURES TO ADDRESS FUGITIVE DUST PARTICLES MUST BE IN PLACE DURING THE HANDLING OF EXCAVATED SOILS (E.G., MISTING, COVERING STOCKPILED SOILS, ETC.).
- ANY IMPORTED SOIL SHALL BE FROM A DERM APPROVED QUARRY.
- WITHIN THIRTY (30) DAYS OF COMPLETION OF CONSTRUCTION, AN ENGINEERING CONTROL REPAIR REPORT (ECRR), SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER, SHALL BE SUBMITTED TO DERM ALONG WITH THE DISPOSAL DOCUMENTATION OF ALL EXCAVATED SOILS (TRANSPORTATION TICKETS)

ENGINEERING NOTES:

- PROVIDE SILT FENCE AT PROPERTY LINE IN THE AREA ADJACENT TO PROPOSED WORK
- CONTRACTOR TO SECURE AND PROTECT ALL MATERIAL BROUGHT ON SITE.
- CONTRACTOR TO RESTORE ALL AREAS IMPACTED BY PROPOSED WORK TOEXISTING CONDITION OR BETTER.
- CONTRACTOR SHALL NOT IMPACT DRAINAGE/LAKE MAINTENANCE EASEMENT IN ANY WAY WITHOUT EASEMENT OWNER CONSENT.

HEALTH AND SAFETY NOTES:

- NO UNAUTHORIZED PERSONAL SHOULD HAVE ACCESS TO THE CONSTRUCTION AREA AT ANY TIME.
- ALL WORKERS HAVE TO WEAR PROTECTIVE GEAR AT ALL TIMES (GLOVES, HELMET, BOOTS AND GLASSES).

3D STUDIO
architecture + interior design

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HAROLD MON, AIA

Harold Mon

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GENERAL NOTES

NEW POOL AT SINGLE FAMILY RESIDENCE

12700 ROLLING RD DR. PINECREST, FL 33156

12700 ROLLING RD. LLC

8879 SW 131 ST. MIAMI, FL 33176

SHEET JOB OWNER

REVISIONS:

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	01/15/2025

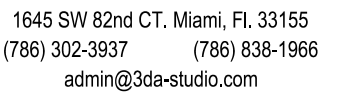
JOB NUMBER:

12700

SHEET NUMBER:

P-200

ORIGINAL ISSUE DATE: 02/26/2025
PLOT DATE: 02/26/2025



OLD MON, AIA
AR99875



POOL ARCHITECTURAL PLAN

NEW POOL AT SINGLE FAMILY RESIDENCE
12700 ROLLING RD DR. PINECREST, FL. 33156

12700 ROLLING RD. LLC
8879 SW 131 ST. MIAMI, FL. 33176

REVISIONS:

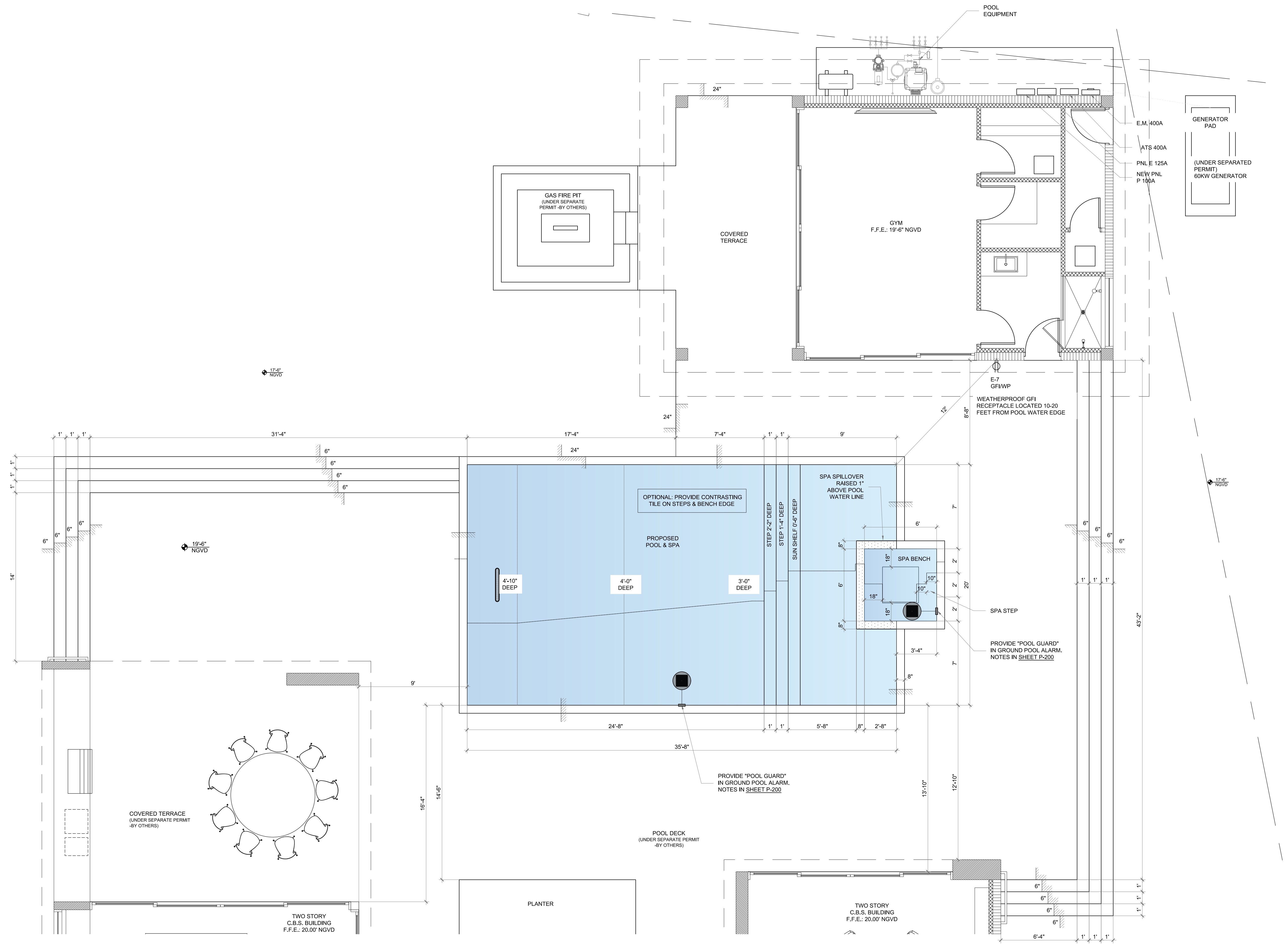
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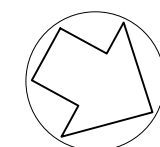
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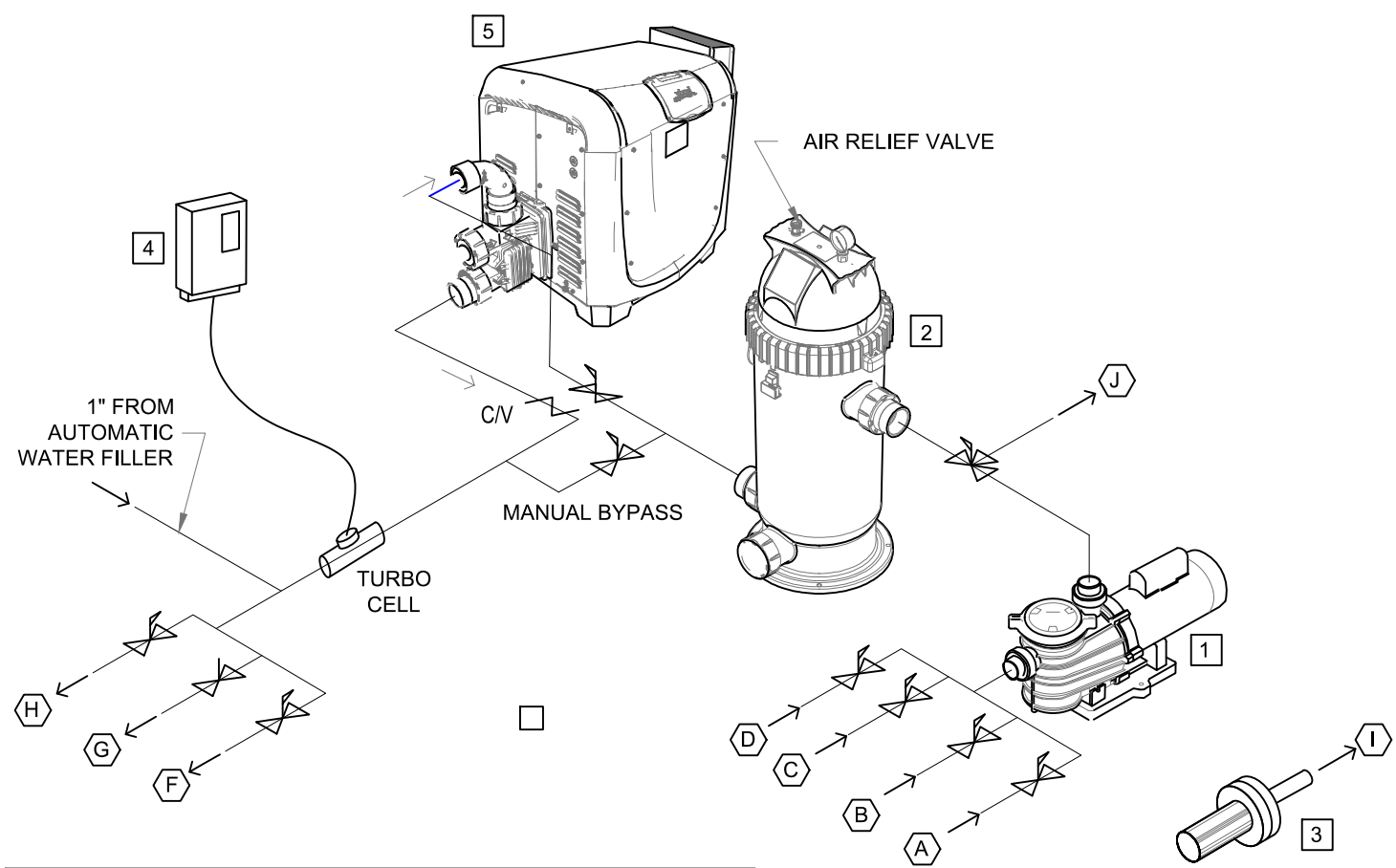
FINAL ISSUE DATE:	2026.01.0
DATE:	2026-01-2



POOL ARCHITECTURAL PLAN

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

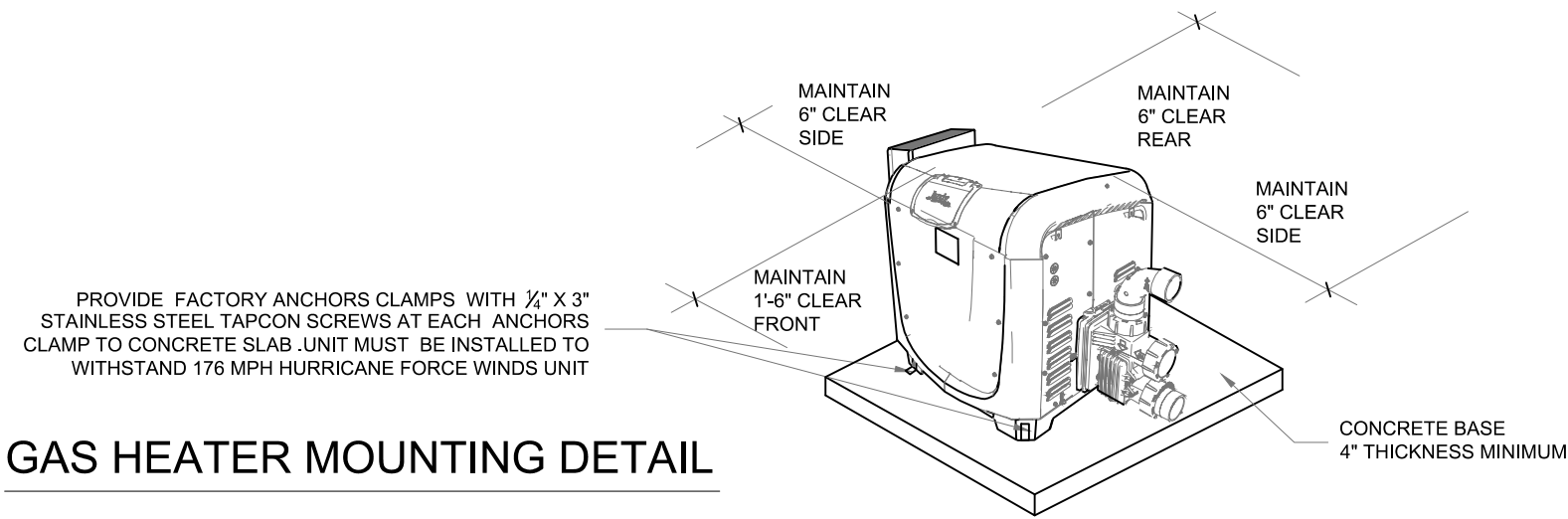




NOTE:
1. THE SCOPE OF WORK UNDER THIS PERMIT ONLY INCLUDE THE INSTALLATION OF POOL GAS HEATER (THE UNIT) GAS LINE FROM METER TO POOL EQUIPMENT BY OTHERS UNDER SEPARATE PERMIT.
2. MATERIALS USED IN HEATERS SHALL BE NONTOXIC AND ACCEPTABLE FOR USE WITH POTABLE WATER.
3. HEATERS SHALL NOT PREVENT THE ATTAINMENT OF THE REQUIRED TURNOVER RATE.
4. BALL VALVES MAY BE SUBSTITUTED FOR MULTIPORT VALVES

POOL EQUIPMENT ISOMETRIC

GAS HEATER MOUNTING DETAIL

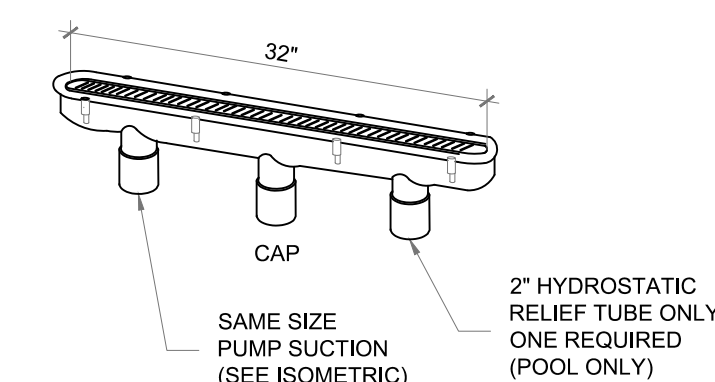
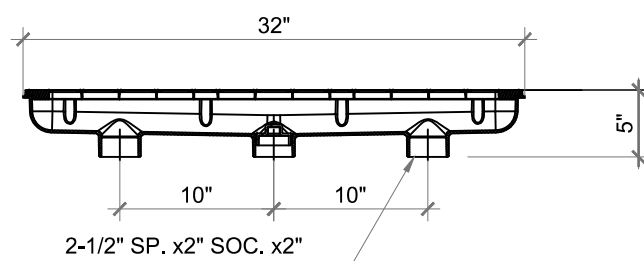
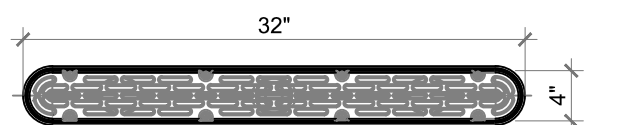
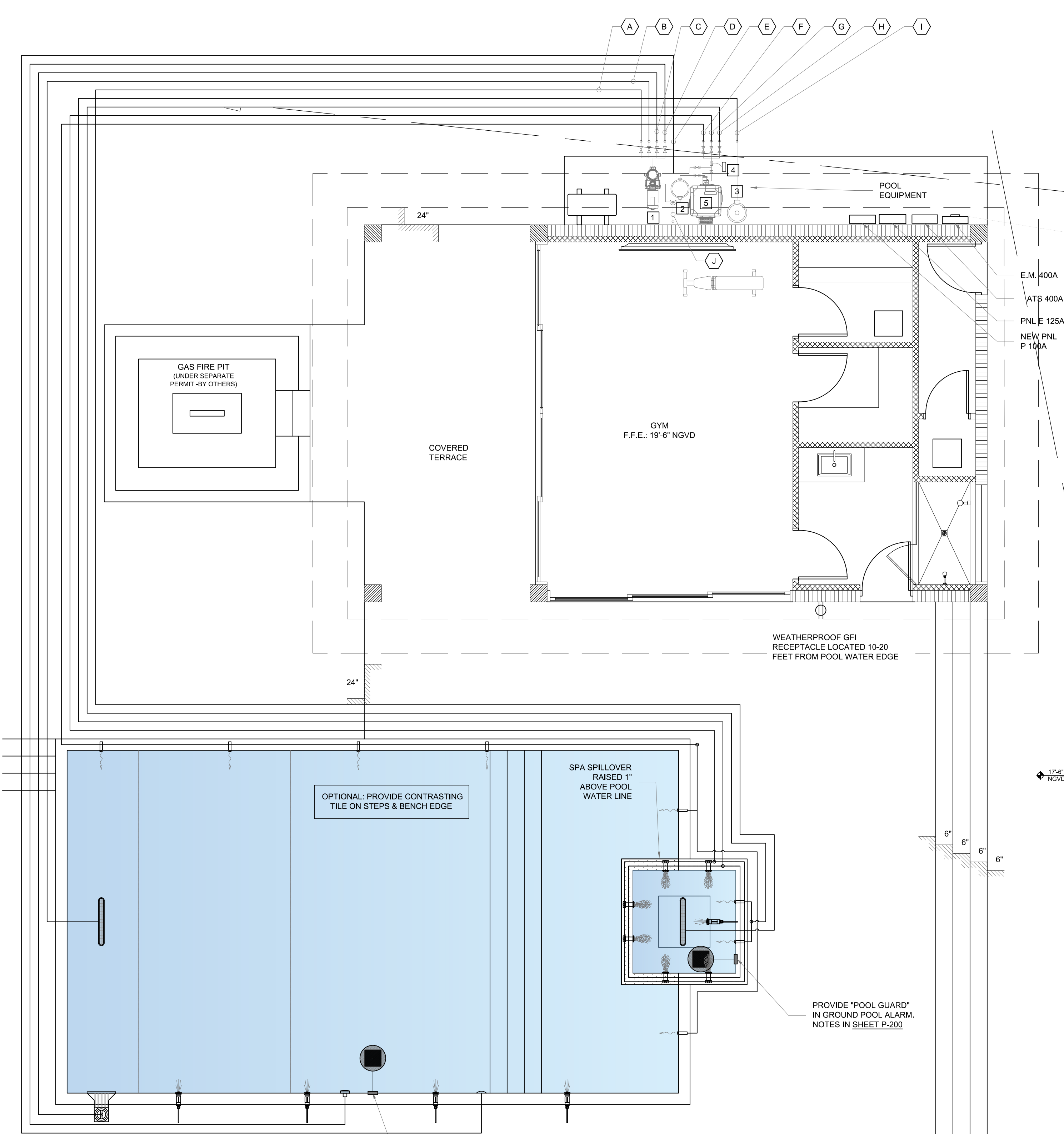


SWIMMING POOL DATA CHART		
	POOL	SPA
SURFACE AREA (SQFT)	688	36
AVERAGE DEPTH (FT)	3.92	3
VOLUME (GAL)	20,227	810
PUMP FLOW (GPM)	115	
TURNOVER (HOUR)	2.93	0.12
PERIMETER (LNFT)	118	24
DECK AREA (SQFT)	BY OTHERS	

POOL PLUMBING LEGEND		
SYMBOL	NAME	QTY
	INLET	7
	JETS	6
	VACUUM W/ SPRING LOADED COVER	1
	SKIMMER	1
	CHANNEL MAIN DRAIN	2
	12W 12V LED NICHELESS LIGHT	5
	EQUALIZER LINE 2" WITH GRATE COVER	1

POOL EQUIPMENT LEGEND		
MARK	DESCRIPTION	QTY.
1	POOL FILTRATION PUMP 2.7 HP/230 VOLT, 115 GPM FLOW RATE AT 60 TDH.	1
2	POOL CARTRIDGE FILTER 250 SQFT OF FILTRATION AREA	1
3	AIR BLOWER 1HP, 120 VOLT.	1
4	DIGITAL SALT SYSTEM CHLORINATOR	1
5	400 KBTU GAS HEATER. POOL HEATERS SHALL COMPLY WITH R403.10.5	1

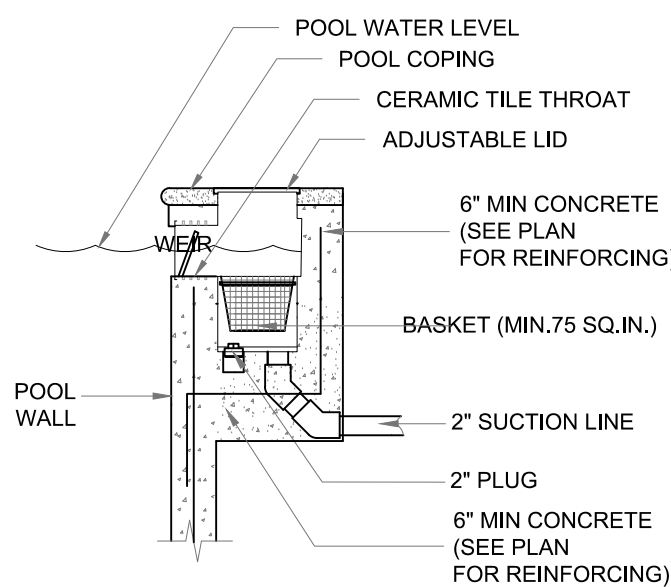
PIPING LEGEND		
MARK	DESCRIPTION	PIPE SIZE
A	SPA MAIN DRAIN LINE	2 1/2"
B	POOL MAIN DRAIN LINE	2 1/2"
C	POOL SKIMMER LINE	2"
D	POOL VACUUM LINE	2"
E	EQUALIZER LINE	2"
F	POOL RETURN LINE	2"
G	SPA THERAPY JET LINE	2"
H	SPA RETURN LINE	2"
I	AIR SUPPLY LINE	2"
J	POOL DRAINAGE LINE	1 1/2"



32" CHANNEL DRAIN COVERS COMPLIANT WITH (ASME/ANSI A112.19.8A-2008)

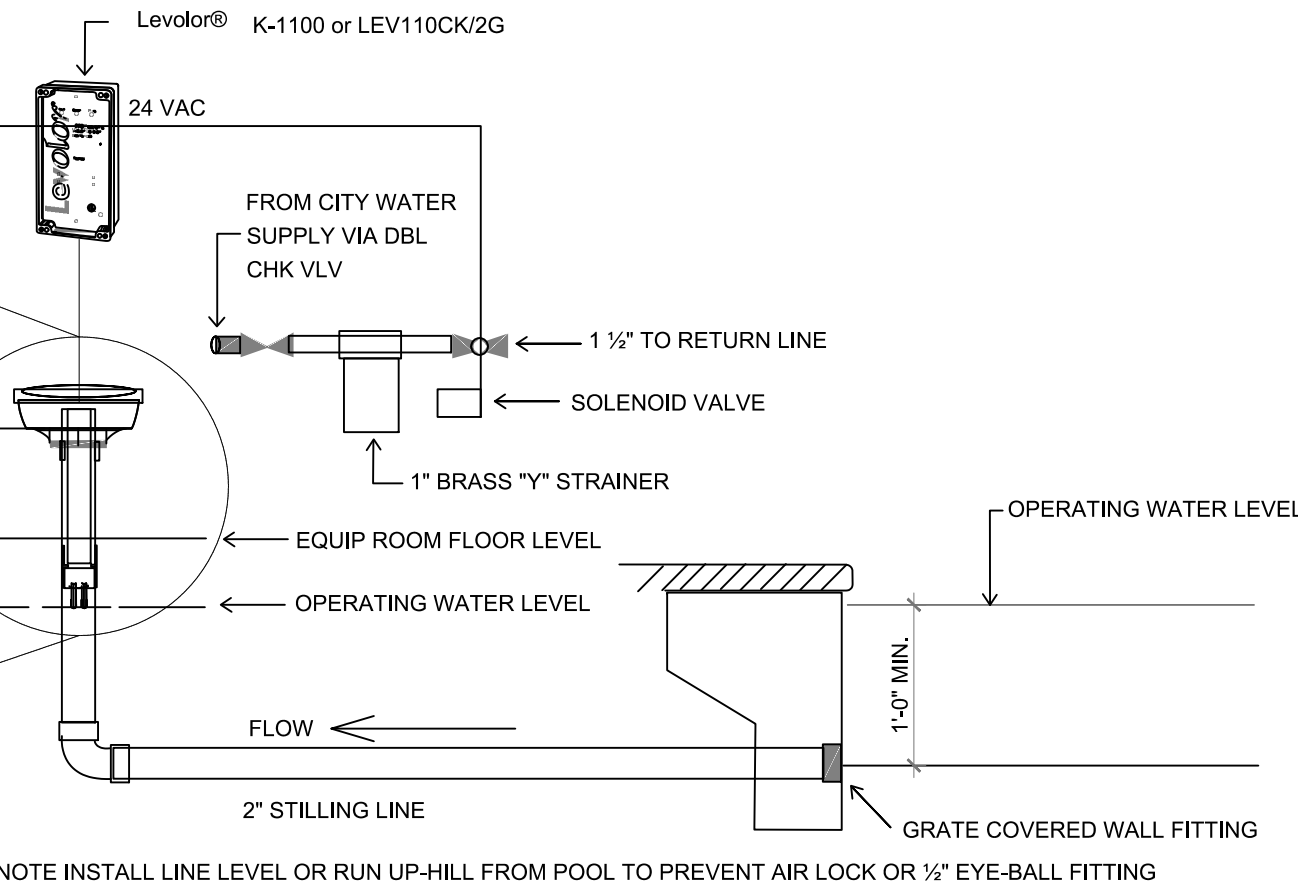
CHANNEL MAINDRAIN DETAIL

NO SCALE



SKIMMER DETAIL

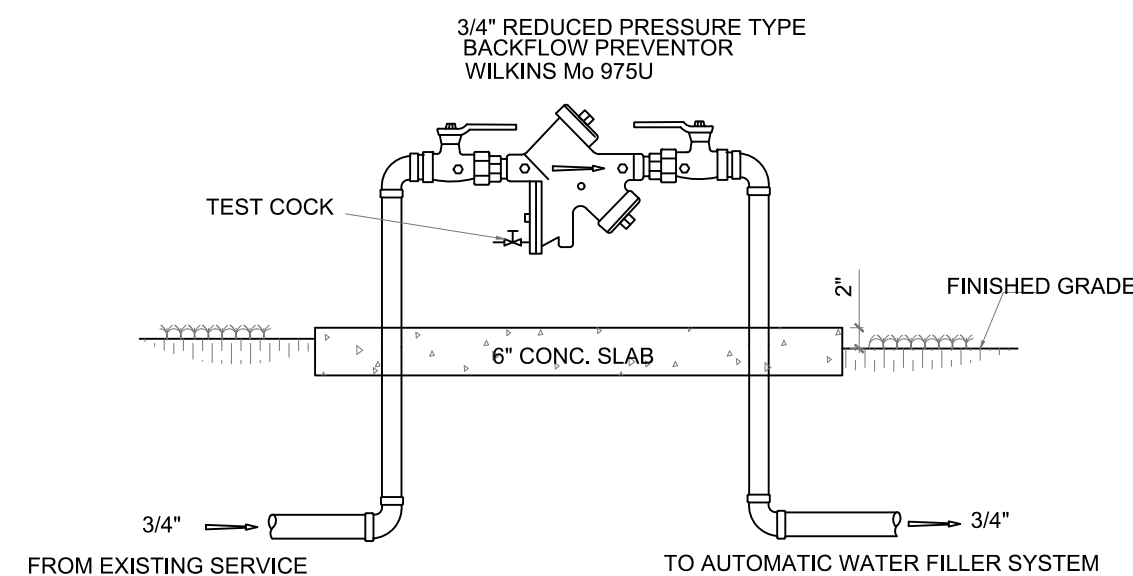
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ELECTRONIC WATER LEVELER MAINTAINS CONSISTENT WATER LEVEL BY DETECTING LOW-WATER CONDITIONS AND AUTOMATICALLY REPLACING WATER TO A PRE-SET LEVEL. THE LEVOLOR® K-1100 DETECTS LOW-WATER CONDITIONS AND AUTOMATICALLY REPLACES WATER TO A PRE-SET LEVEL. LEVOLOR® ELECTRONIC WATER LEVELERS TAKE AWAY THE WORRY OF LOST WATER IN YOUR POOL, SPA OR WATER FEATURE. THE ELECTRONIC FILL DEVICE EMPLOYS SOPHISTICATED ELECTRONICS THAT CAREFULLY MONITOR WATER LEVELS. THE DEVICE COMPENSATES FOR WAVES, AND ITS EXCLUSIVE LOCK-OUT FEATURE WILL NOT OVERFILL THE POOL. WITH NO MOVING PARTS TO BREAK OR RUST, LEVOLOR® ENSURES A RELIABLE FLOW OF WATER.

AUTOMATIC WATER FILLER INSTALLATION DETAIL

NO SCALE



BACKFLOW PREVENTOR DETAIL

N.T.S

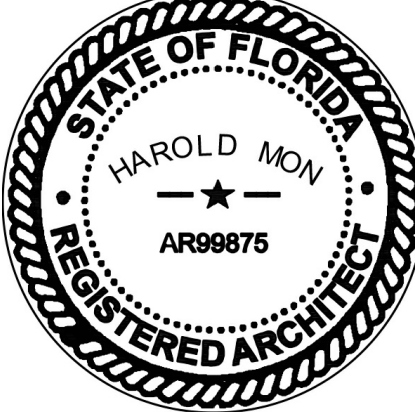
POOL PLUMBING PLAN

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



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POOL PLUMBING PLAN
NEW POOL AT SINGLE FAMILY RESIDENCE
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12700 ROLLING RD, LLC
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REVISIONS:

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JOB NUMBER:

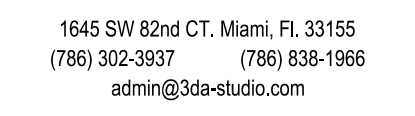
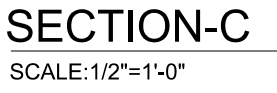
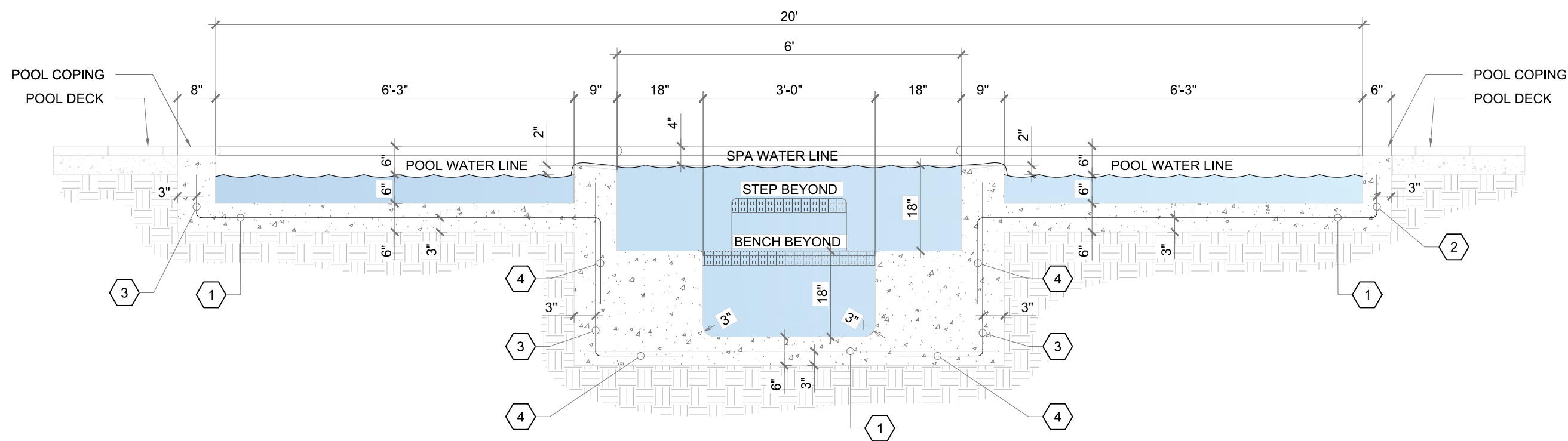
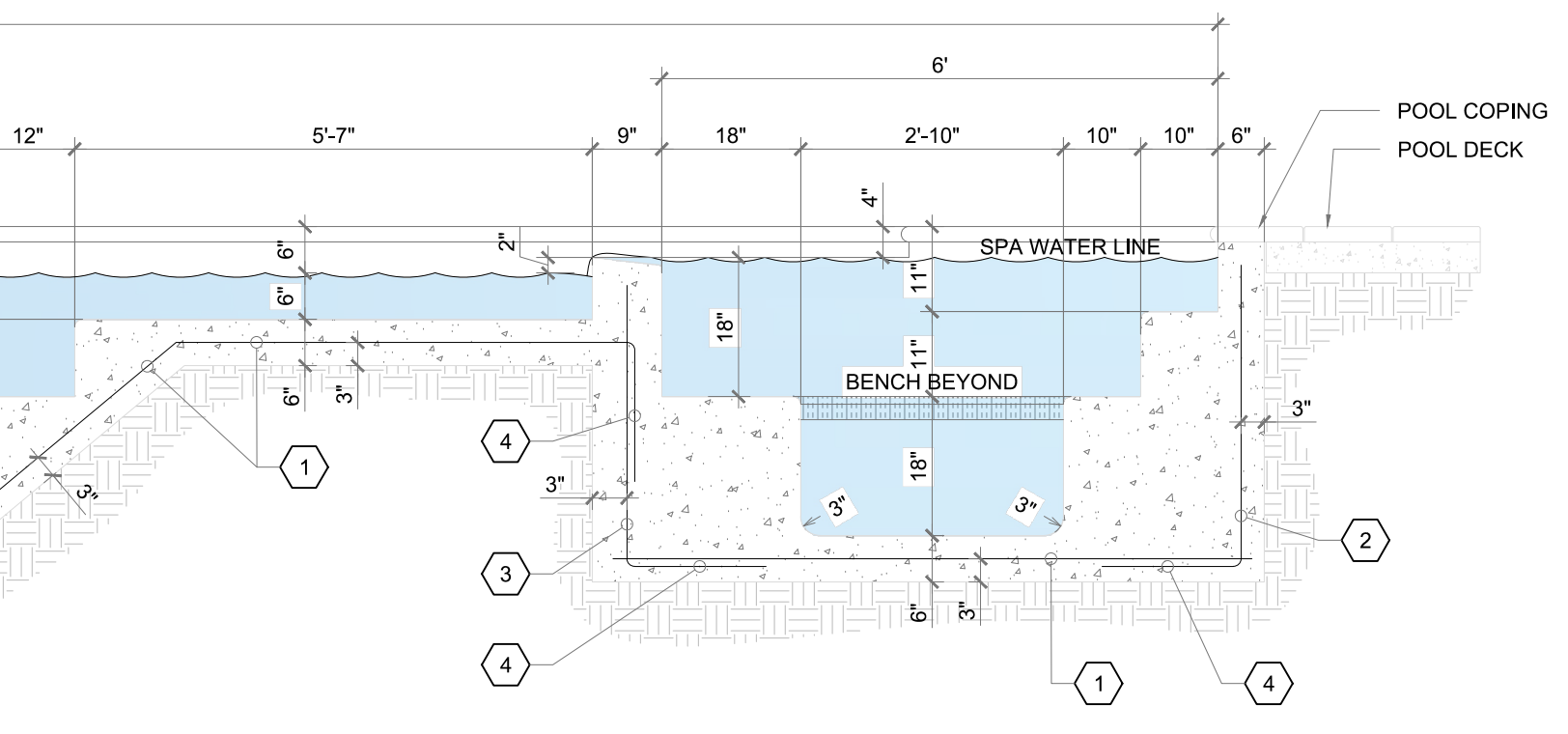
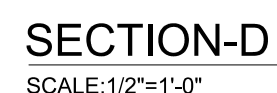
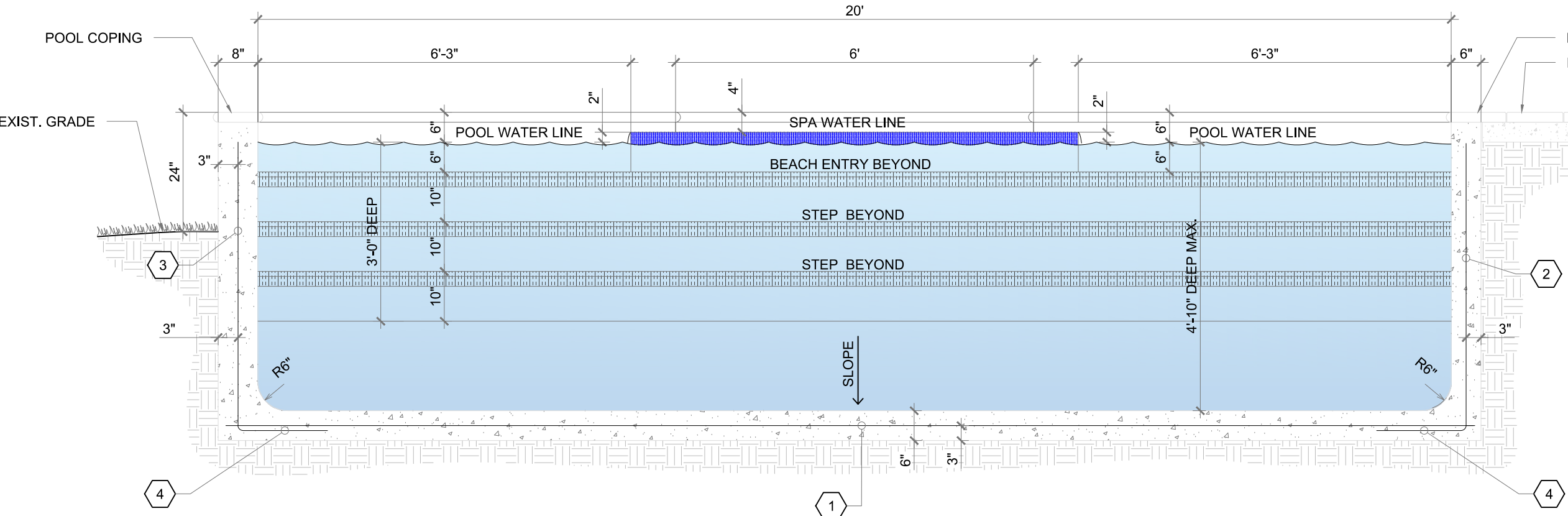
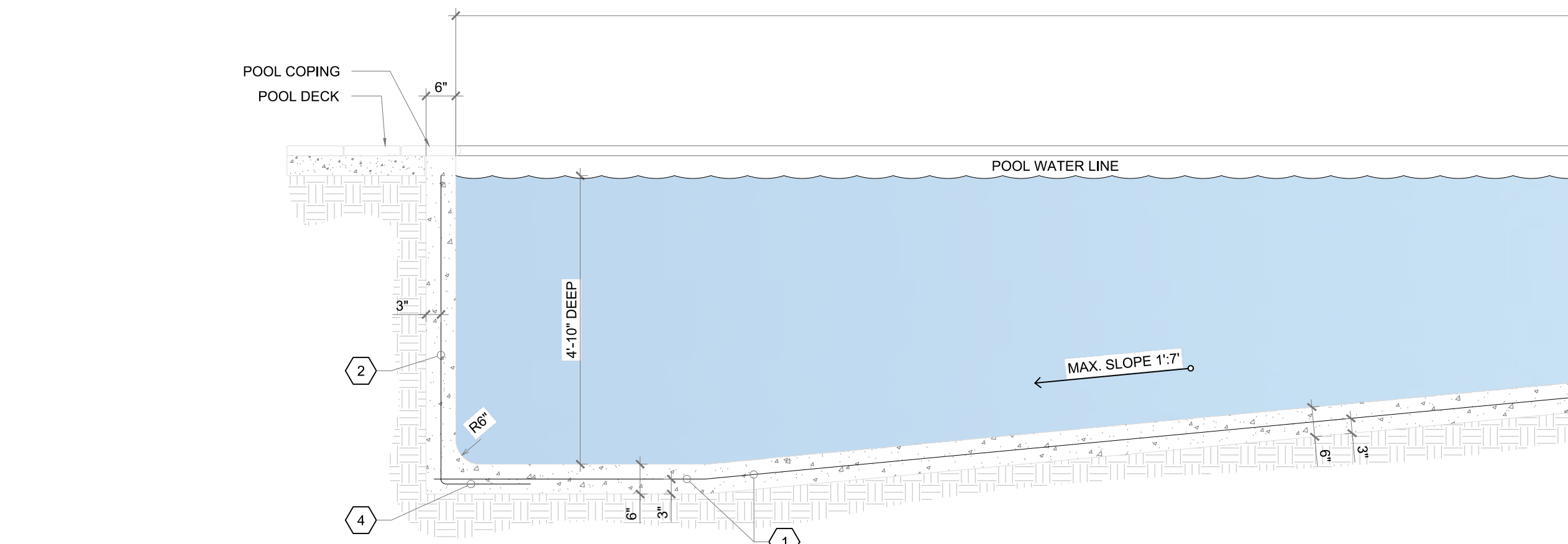
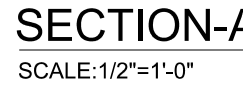
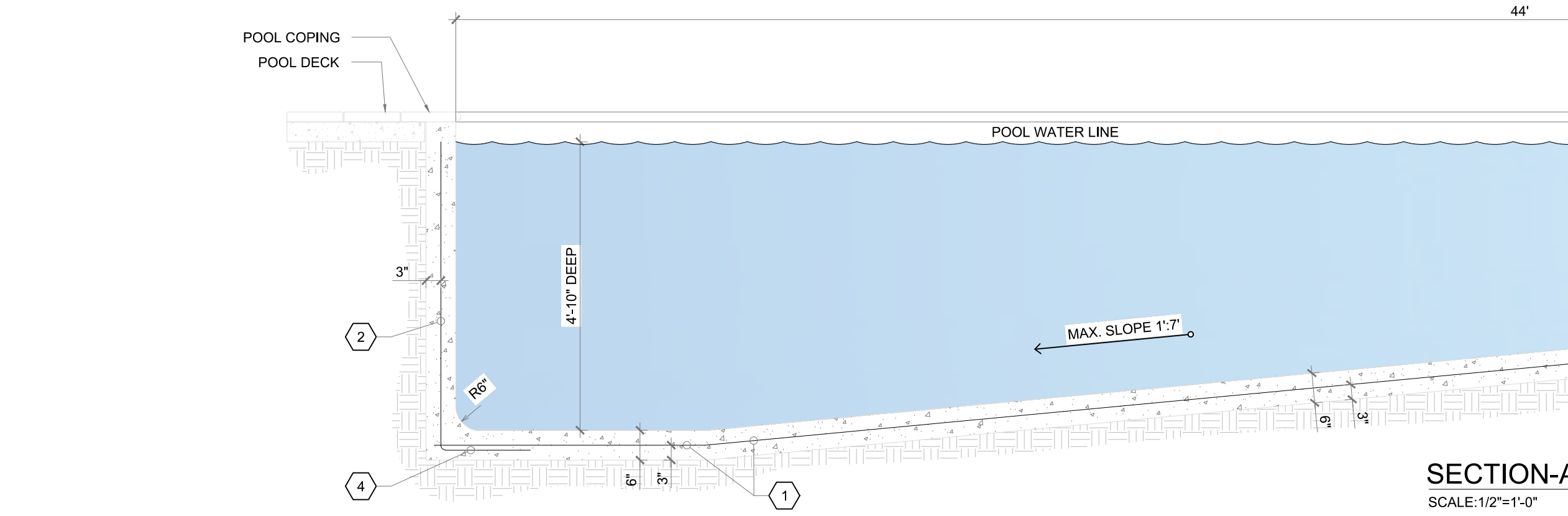
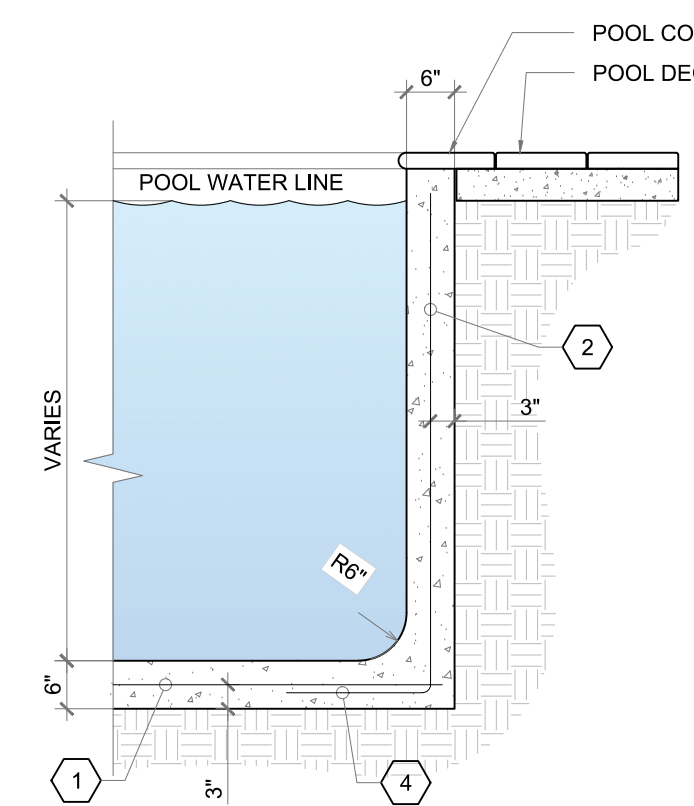
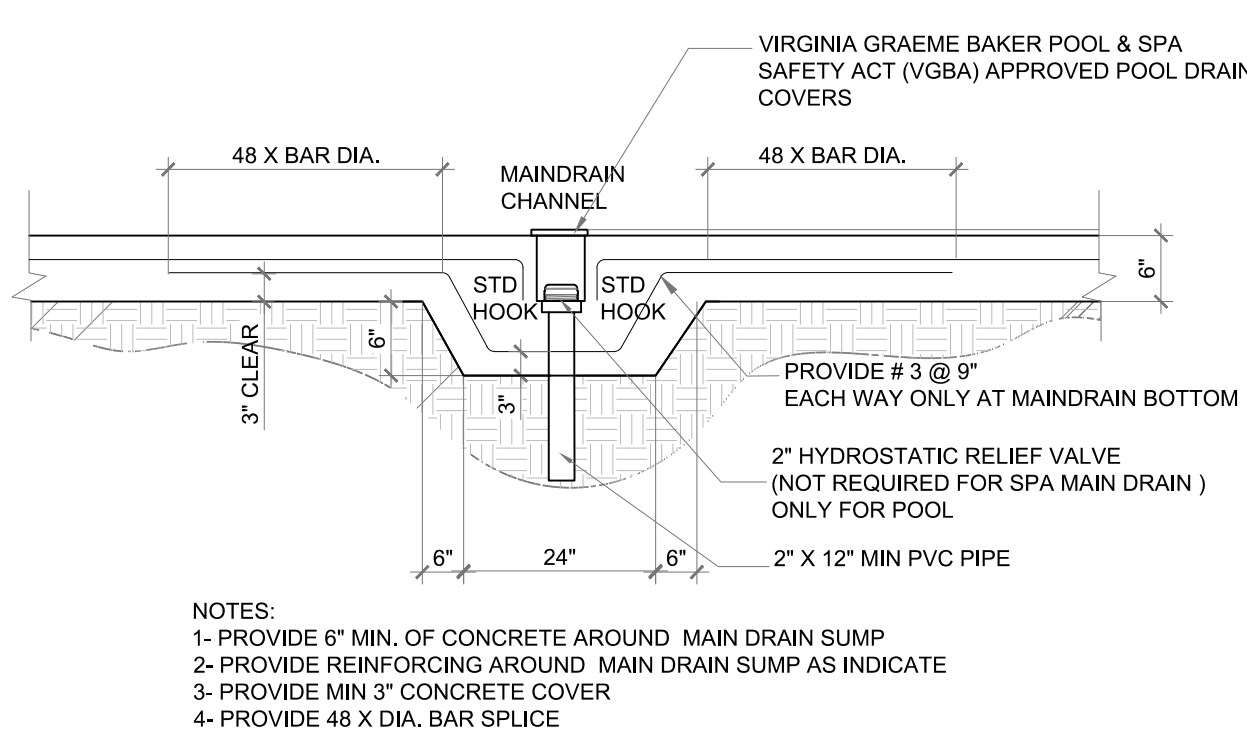
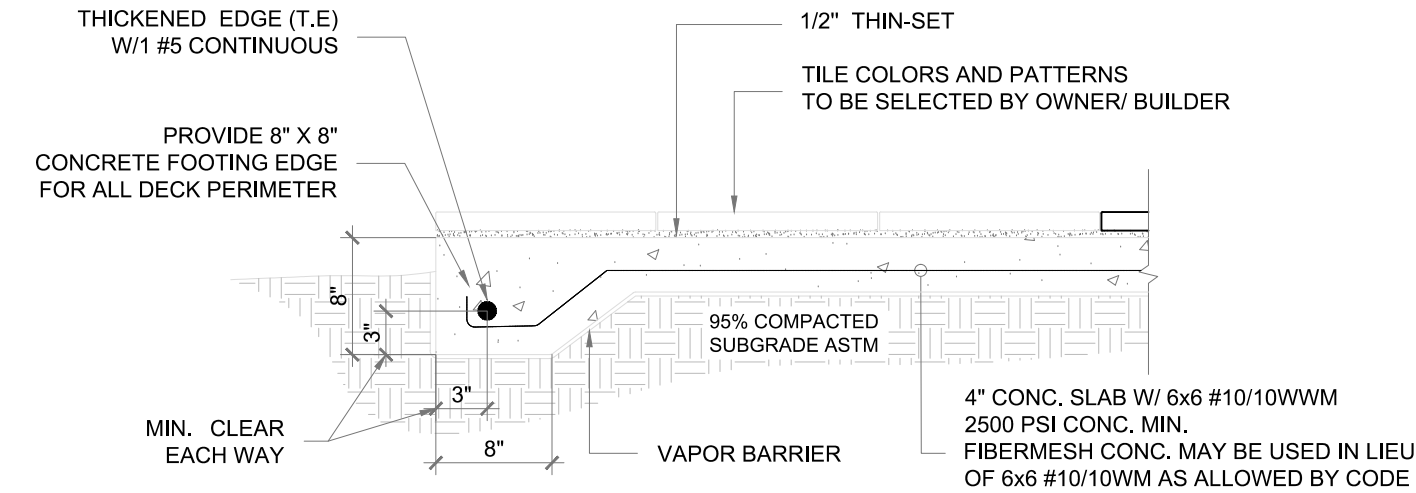
12700

SHEET NUMBER:

P-301

ORIGINAL ISSUE DATE: 2026.01.09

PLOT DATE: 2026-01-28



POOL STRUCTURAL PLAN

NEW POOL AT SINGLE FAMILY RESIDENCE
12700 ROLLING RD DR. PINECREST, FL. 33156

12700 ROLLING RD. LLC
8879 SW 131 ST. MIAMI, FL. 33176

SHEET JOB OWNER

REVISIONS:

NEWSLETTER:

JOB NUMBER:
12700
SHEET NUMBER:

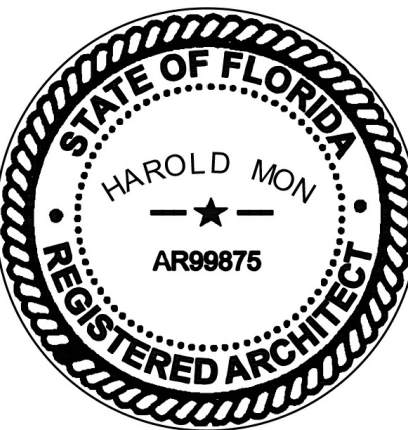
P-302

ORIGINAL ISSUE DATE:	2026.01.09
PLOT DATE:	2026-01-28



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HAROLD MON, AIA



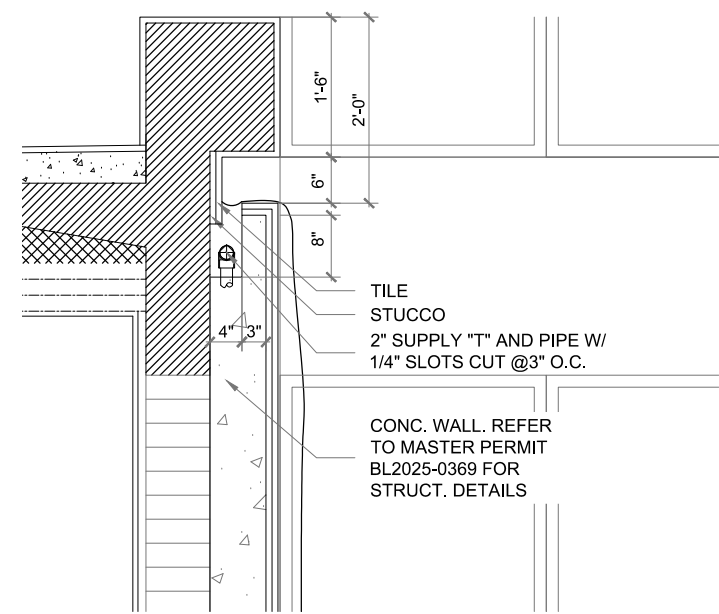
WATER FEATURE ARCHITECTURAL PLAN
NEW POOL AT SINGLE FAMILY RESIDENCE
12700 ROLLING RD DR, PINECREST, FL 33156
12700 ROLLING RD, LLC
8879 SW 131 ST, MIAMI, FL 33176

SHEET JOB OWNER
REVISIONS:

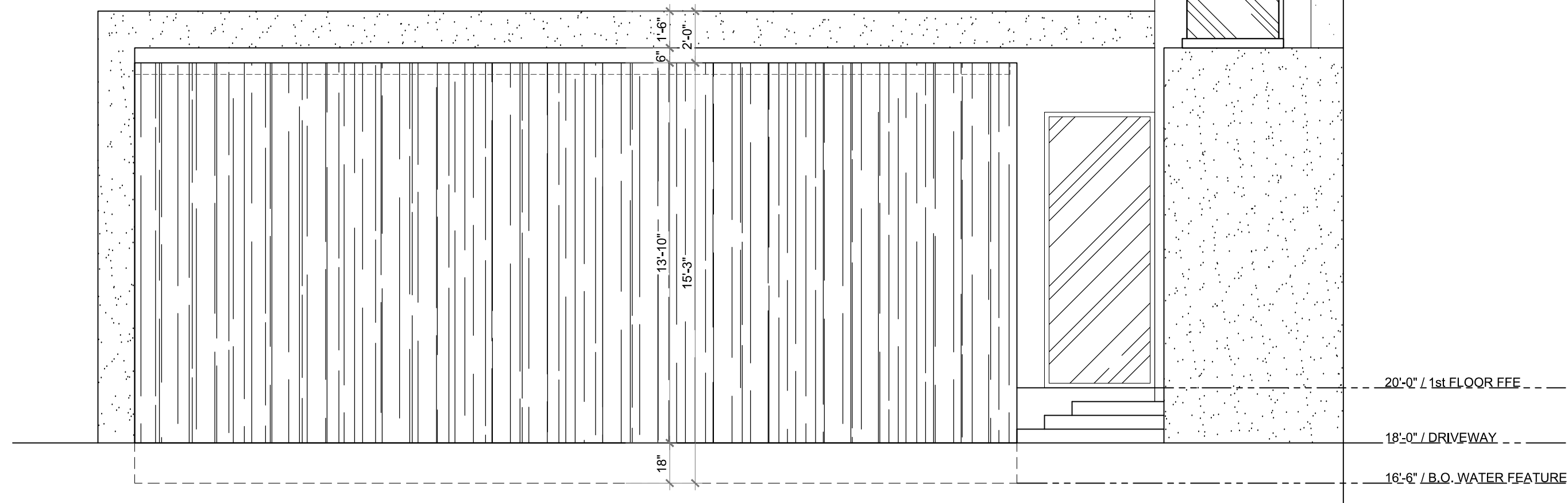
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12700
SHEET NUMBER:

P-400

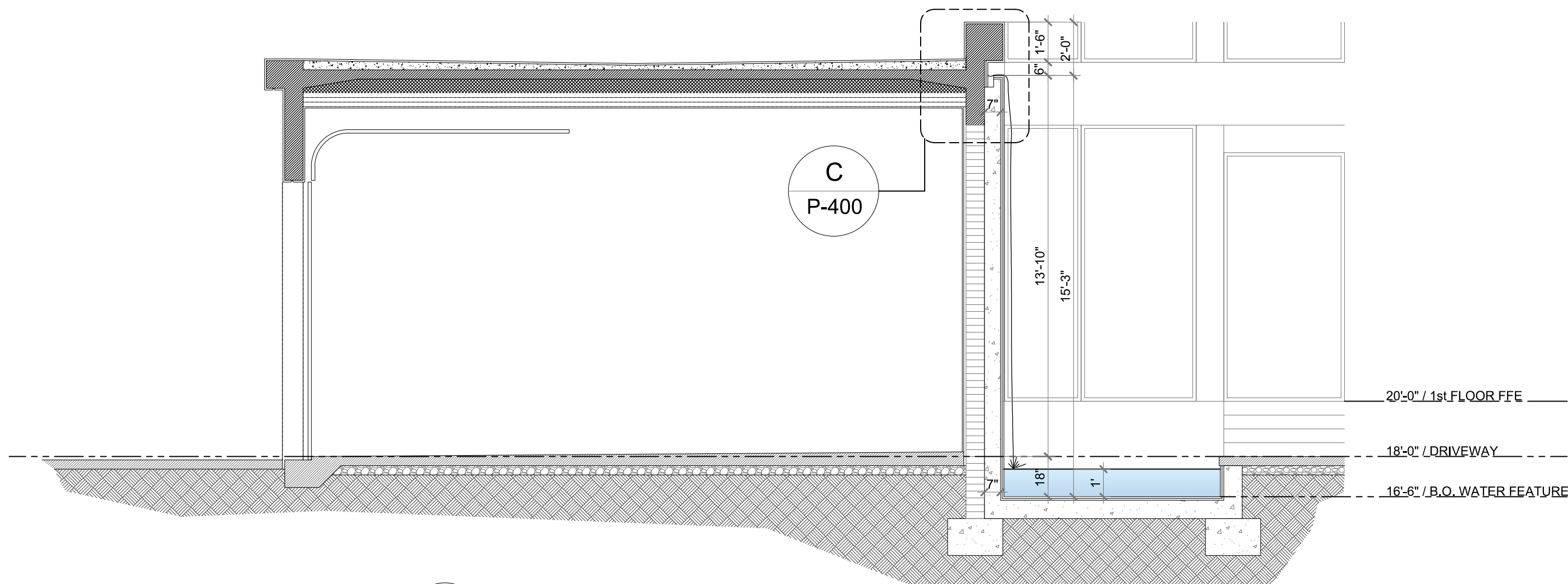
ORIGINAL ISSUE DATE: 2026.01.09
PLOT DATE: 2026-01-28



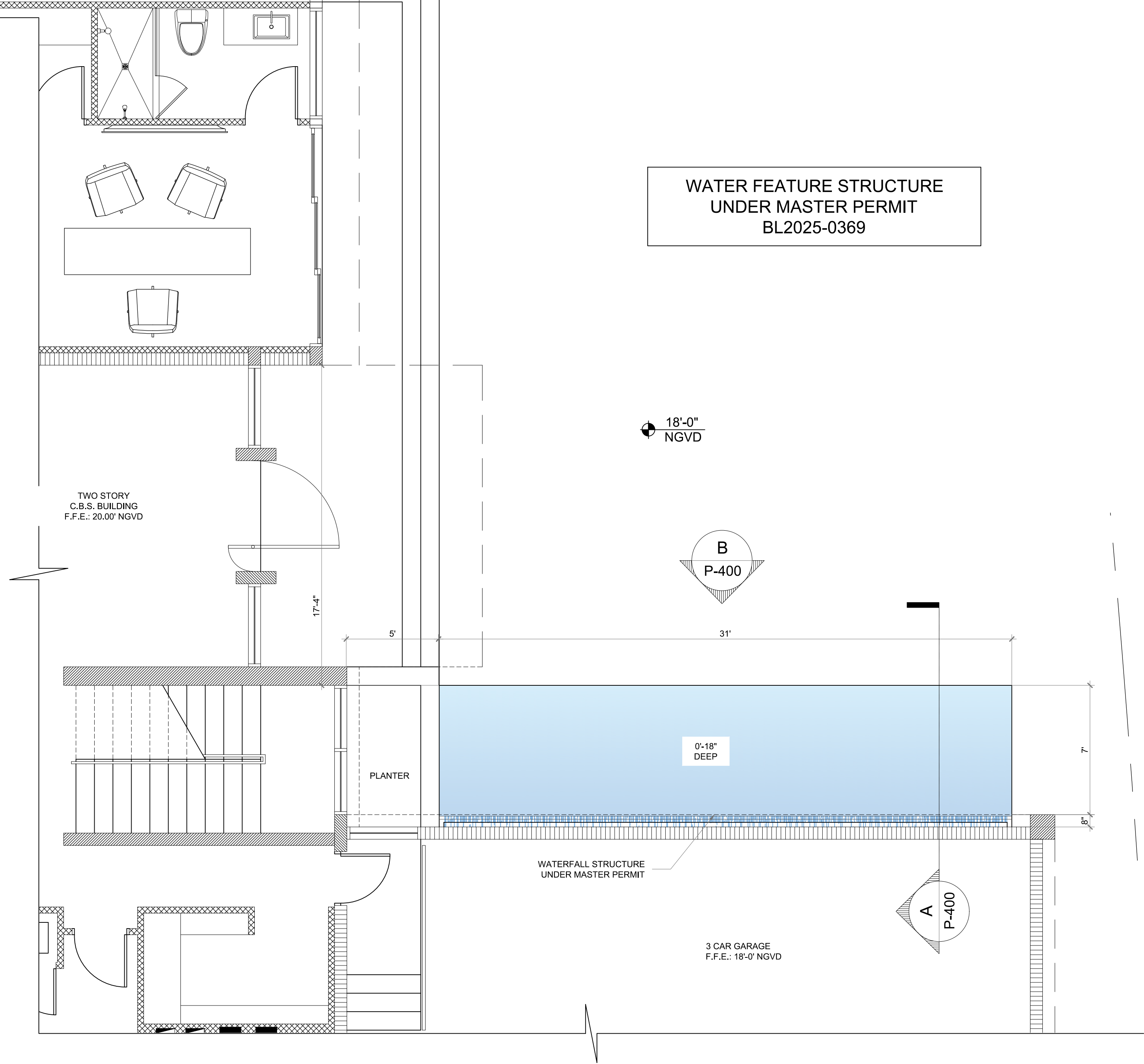
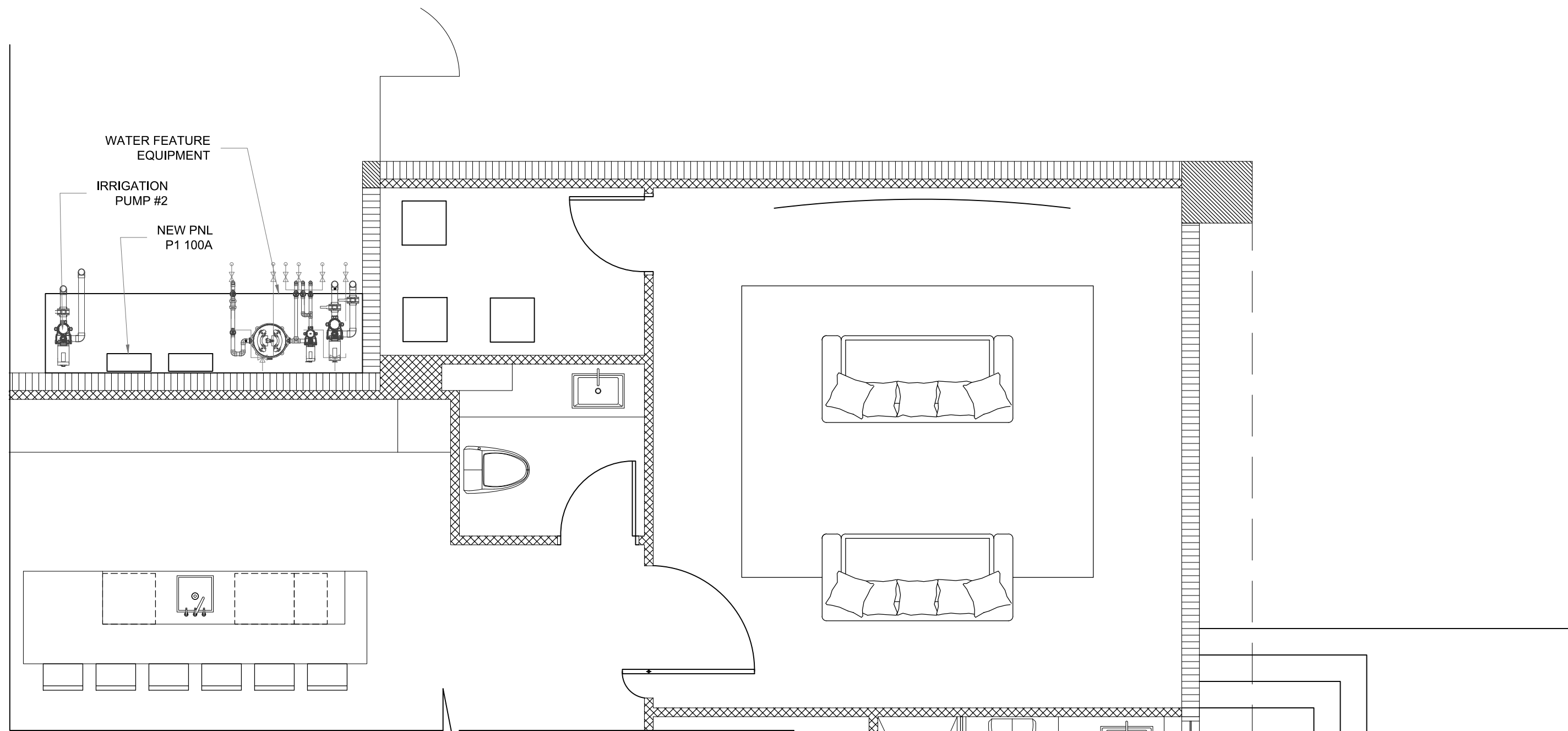
C WATER FEATURE DETAIL
SCALE: 1/2"=1'-0"



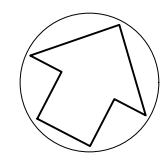
B WATER FEATURE ELEVATION
SCALE: 1/4"=1'-0"



A WATER FEATURE SECTION
SCALE: 1/4"=1'-0"



WATER FEATURE ARCHITECTURAL PLAN
SCALE: 1/4"=1'-0"



WATER FEATURE PLUMBING LEGEND		
SYMBOL	NAME	QTY
	FLOOR RETURN	5
	CHANNEL MAIN DRAIN	2
	FRONT LOAD SKIMMER	2
	12W 12V LED NICHELESS LIGHT	3
	EQUALIZER LINE 2" WITH GRATE COVER	1

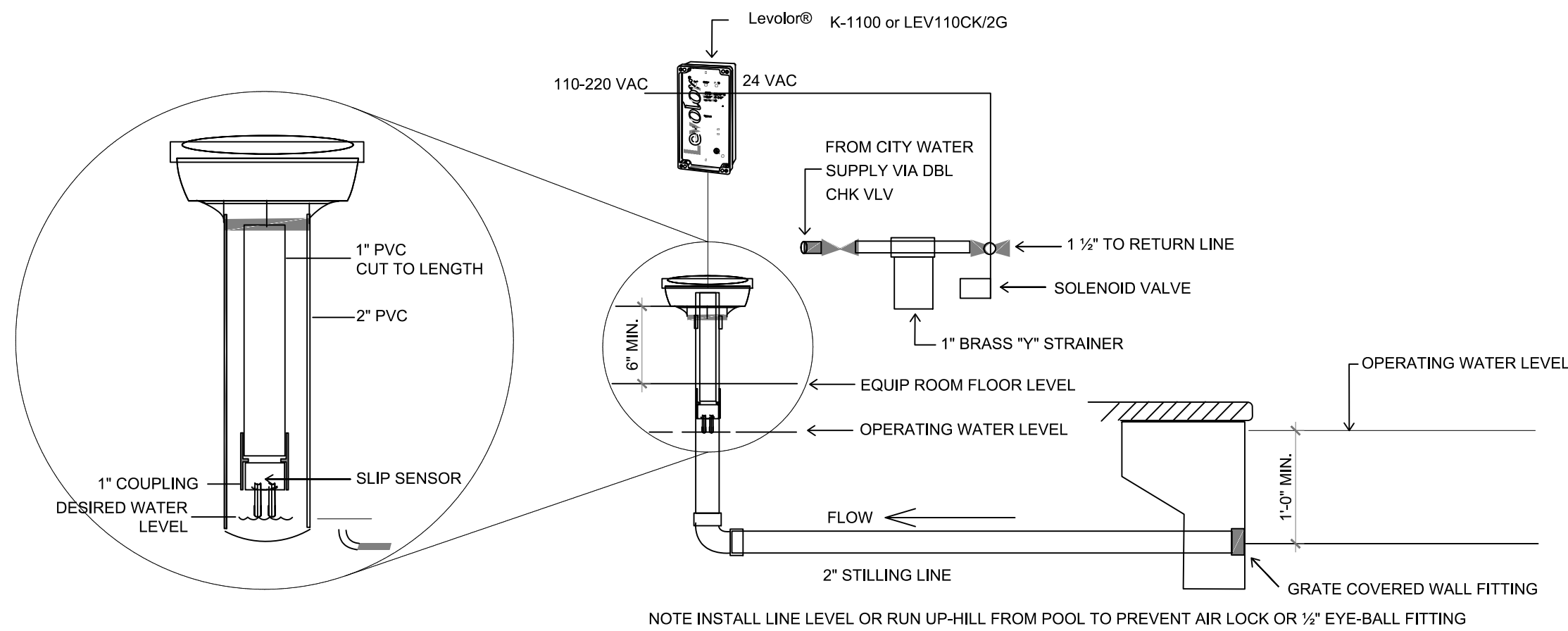
WATER FEATURE EQUIPMENT LEGEND		
MARK	DESCRIPTION	QTY.
1	WATER FEATURE FILTRATION PUMP 1 HP/230 VOLT, 55 GPM FLOW RATE AT 60 TDH.	1
2	WATER FEATURE CARTRIDGE FILTER 250 SQFT OF FILTRATION AREA	1
3	WATERFALL PUMP 2.7 HP/230 VOLT, 115 GPM FLOW RATE AT 60 TDH.	1

PIPING LEGEND		
MARK	DESCRIPTION	PIPE SIZE
A	WATERFALL MAIN DRAIN LINE	2 1/2"
B	WATERFALL SHEER DESCENT LINE	2"
C	WATER FEATURE FRONT LOAD SKIMMER	2"
D	WATER FEATURE MAIN DRAIN LINE	2 1/2"
E	WATER FEATURE FRONT LOAD SKIMMER	2"
F	WATER FEATURE FLOOR RETURN	2"
G	EQUALIZER LINE	2"
J	WATER FEATURE DRAINAGE LINE	1 1/2"

WATER FEATURE DATA CHART	
SURFACE AREA (SQFT)	196
AVERAGE DEPTH (FT)	1.50
VOLUME (GAL)	2,205
PUMP FLOW (GPM)	55
TURNOVER (HOUR)	0.67
PERIMETER (LNFT)	75
DECK AREA (SQFT)	UNDER MASTER PERMIT

PROVIDE PIPE SLEEVES IF PIPING PASSES THROUGH FLOOR SLABS OR EXTERIOR WALLS.
PROVIDE SEALING OF THE ANNULAR SPACE BETWEEN PIPE SLEEVES AND PIPING PASSING THROUGH FLOOR SLABS OR WALL.

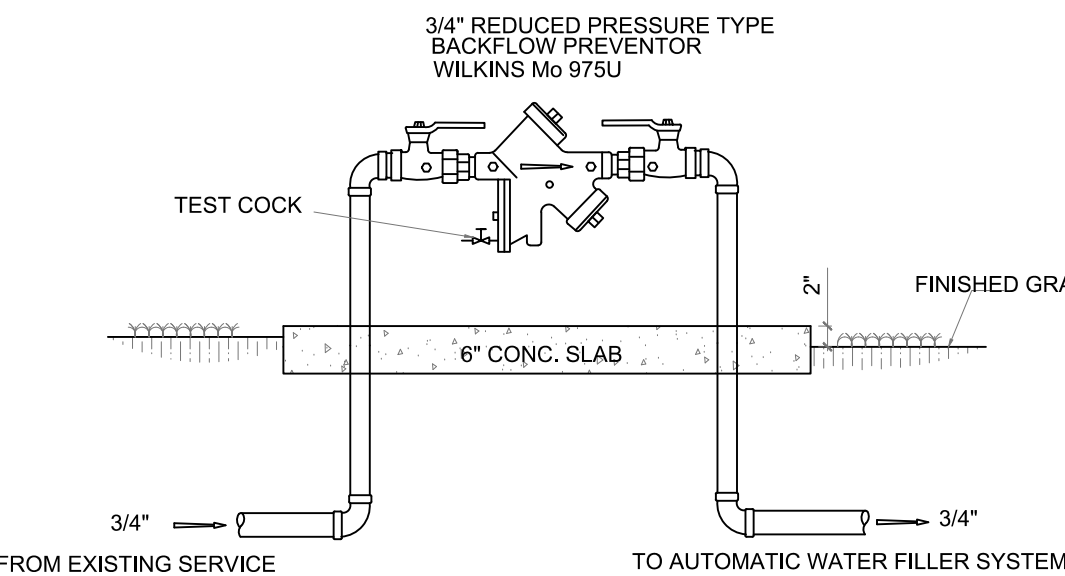
PIPING SHOWN IS A GRAPHIC REPRESENTATION OF PIPE ROUTE, ACTUAL ROUTING OF PIPING AROUND POOL AND TO POOL EQUIPMENT MAY DIFFER FROM THIS PLAN.



ELECTRONIC WATER LEVELER MAINTAINS CONSISTENT WATER LEVEL BY DETECTING LOW-WATER CONDITIONS AND AUTOMATICALLY REPLACING WATER TO A PRE-SET LEVEL. THE LEVOLOR® K-1100 DETECTS LOW-WATER CONDITIONS AND AUTOMATICALLY REPLACES WATER TO A PRE-SET LEVEL. LEVOLOR® ELECTRONIC WATER LEVELERS TAKE AWAY THE WORRY OF LOST WATER IN YOUR POOL, SPA OR WATER FEATURE. THE ELECTRONIC FILL DEVICE EMPLOYS SOPHISTICATED ELECTRONICS THAT CAREFULLY MONITOR WATER LEVELS. THE DEVICE COMPENSATES FOR WAVES, AND ITS EXCLUSIVE LOCK-OUT FEATURE WILL NOT OVERFILL THE POOL. WITH NO MOVING PARTS TO BREAK OR RUST, LEVOLOR® ENSURES A RELIABLE FLOW OF WATER.

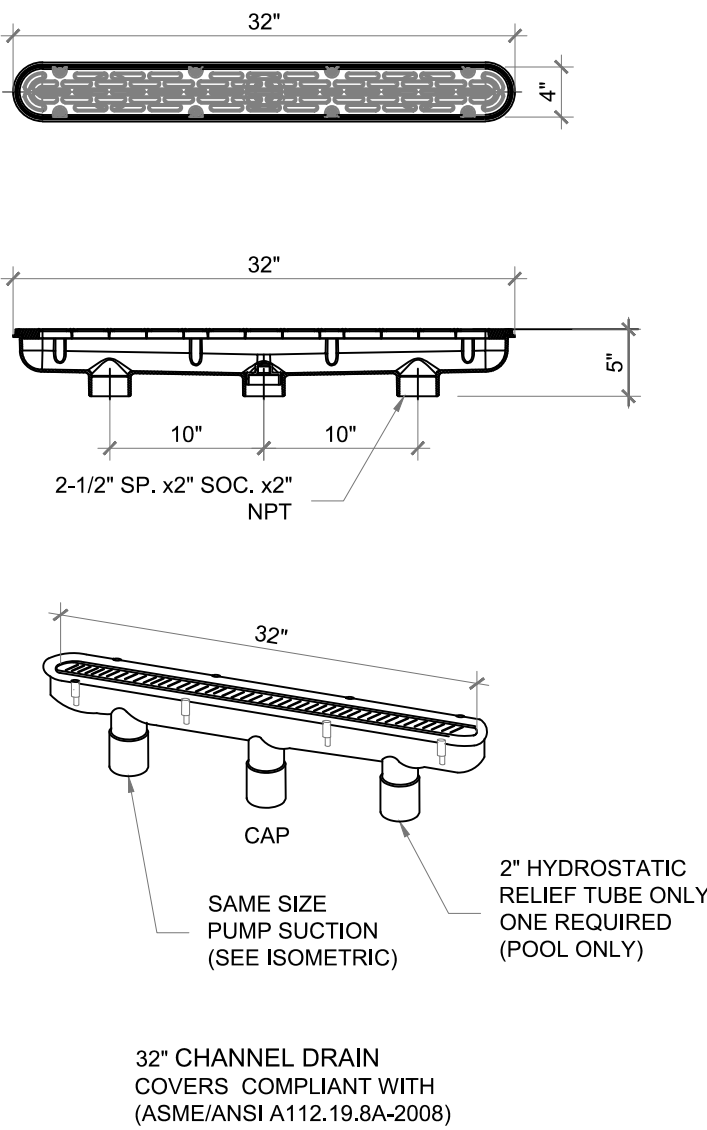
AUTOMATIC WATER FILLER INSTALLATION DETAIL

NO SCALE



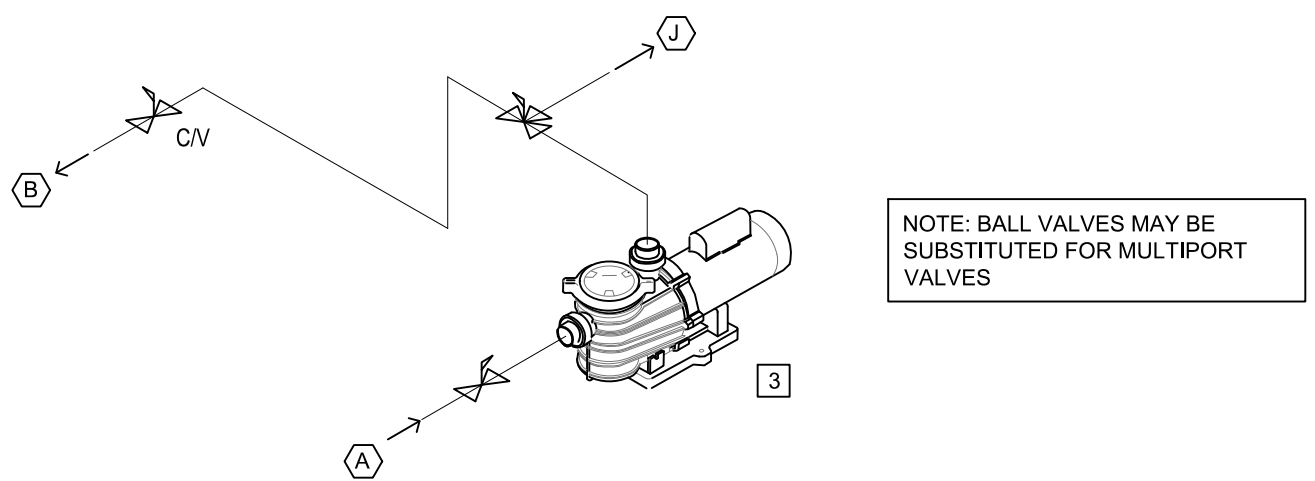
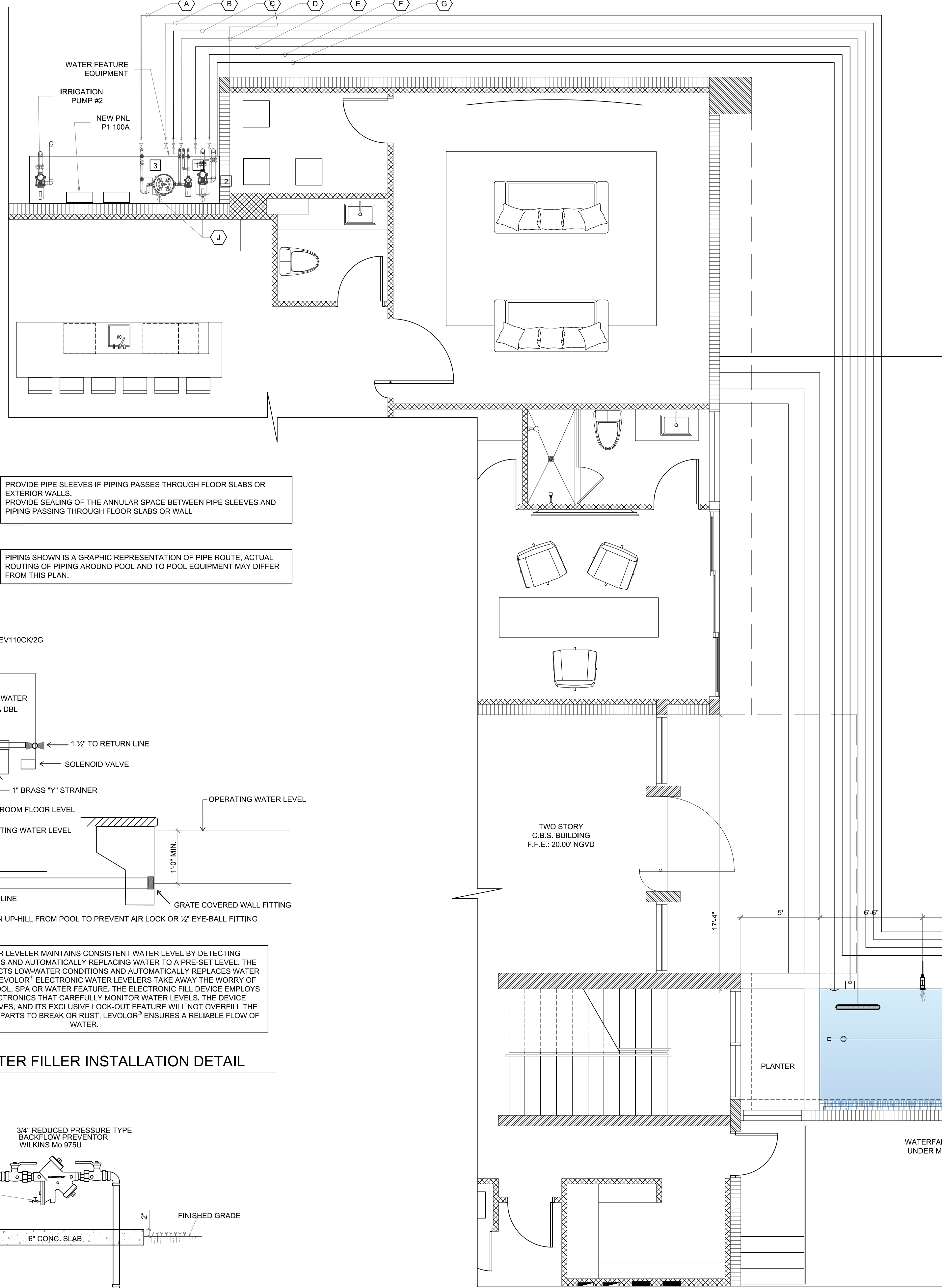
BACKFLOW PREVENTOR DETAIL

N.T.S

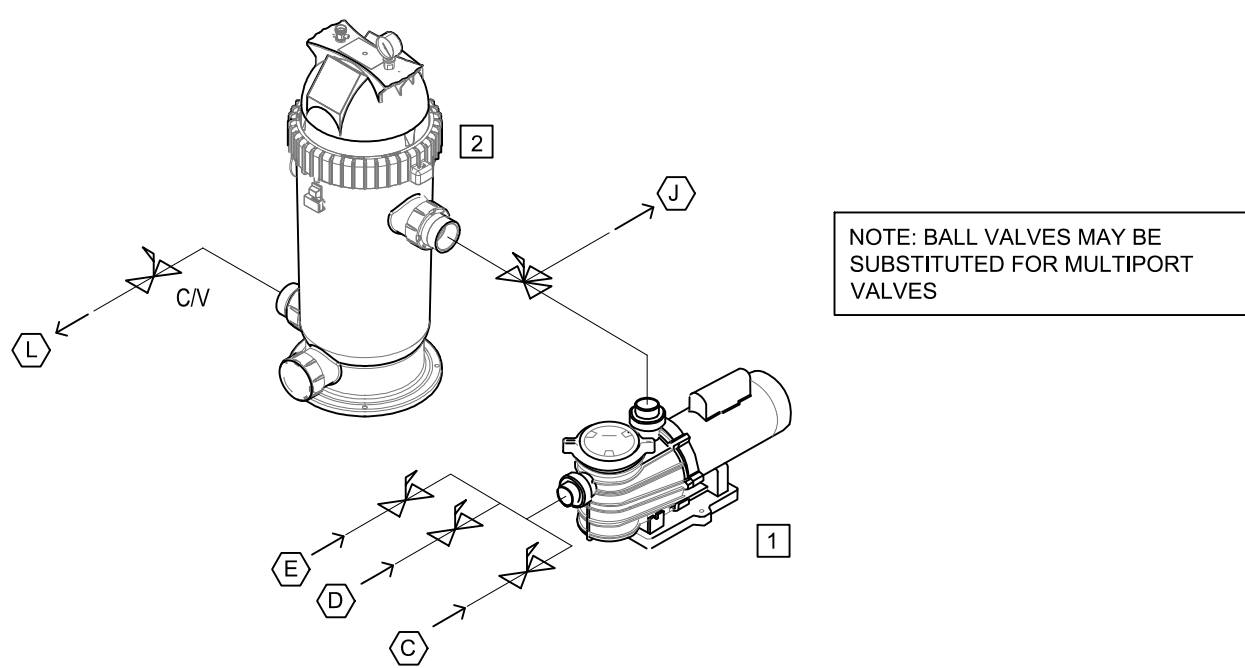


CHANNEL MAINDRAIN DETAIL

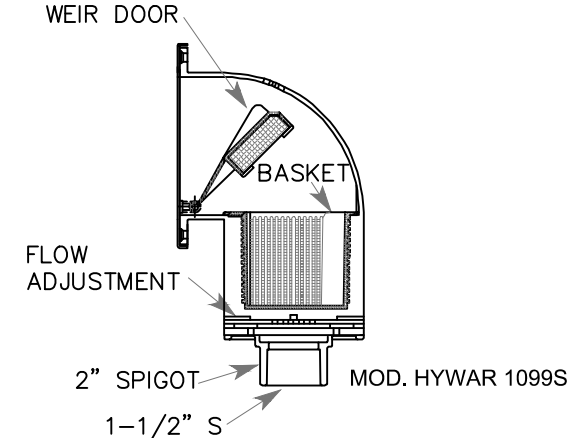
NO SCALE



WATERFALL EQUIPMENT ISOMETRIC



WATER FEATURE EQUIPMENT ISOMETRIC



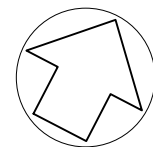
FRONT LOAD SKIMMER DETAIL

NO SCALE

WATER FEATURE CHANNEL MAIN DRAIN BY GREAT AMERICAN WATERFALL CO.

WATER FEATURE PLUMBING PLAN

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



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HAROLD MON, AIA



WATER FEATURE PLUMBING
NEW POOL AT SINGLE FAMILY RESIDENCE
12700 ROLLING RD DR, PINECREST, FL 33156
12700 ROLLING RD, LLC
8879 SW 131 ST, MIAMI, FL 33176

SHEET JOB OWNER
REVISIONS:

JOB NUMBER:
12700
SHEET NUMBER:

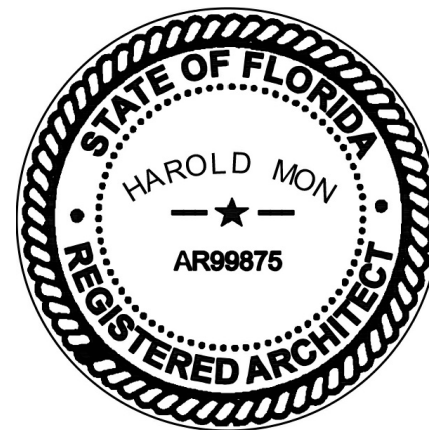
P-401

ORIGINAL ISSUE DATE: 2026.01.09
PLOT DATE: 2026-01-28



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HAROLD MON, AIA



ELECTRICAL RISER
NEW POOL AT SINGLE FAMILY RESIDENCE
12700 ROLLING RD DR. PINECREST, FL. 33156
12700 ROLLING RD. LLC
8879 SW 131 ST. MIAMI, FL 33176

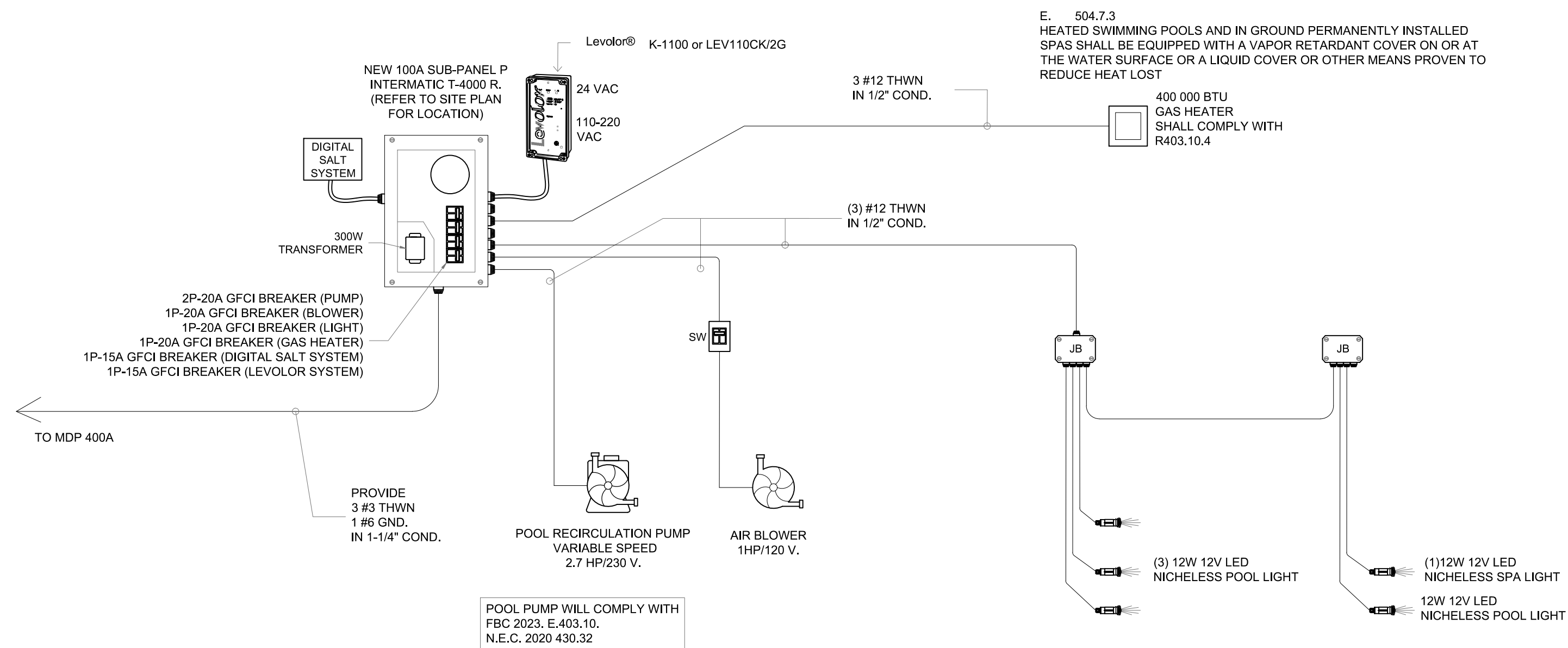
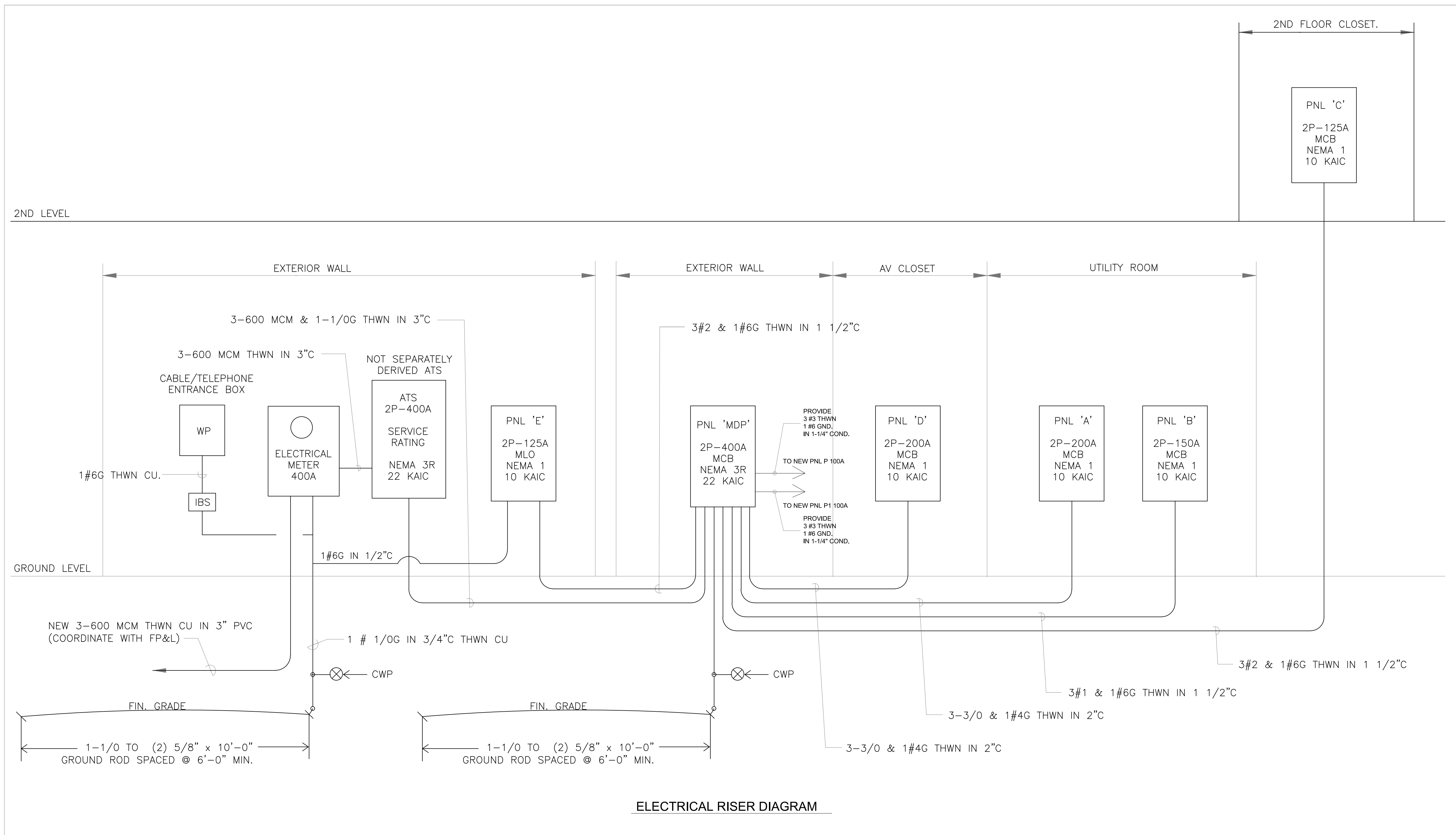
SHEET JOB OWNER
REVISIONS:

REVISIONS:

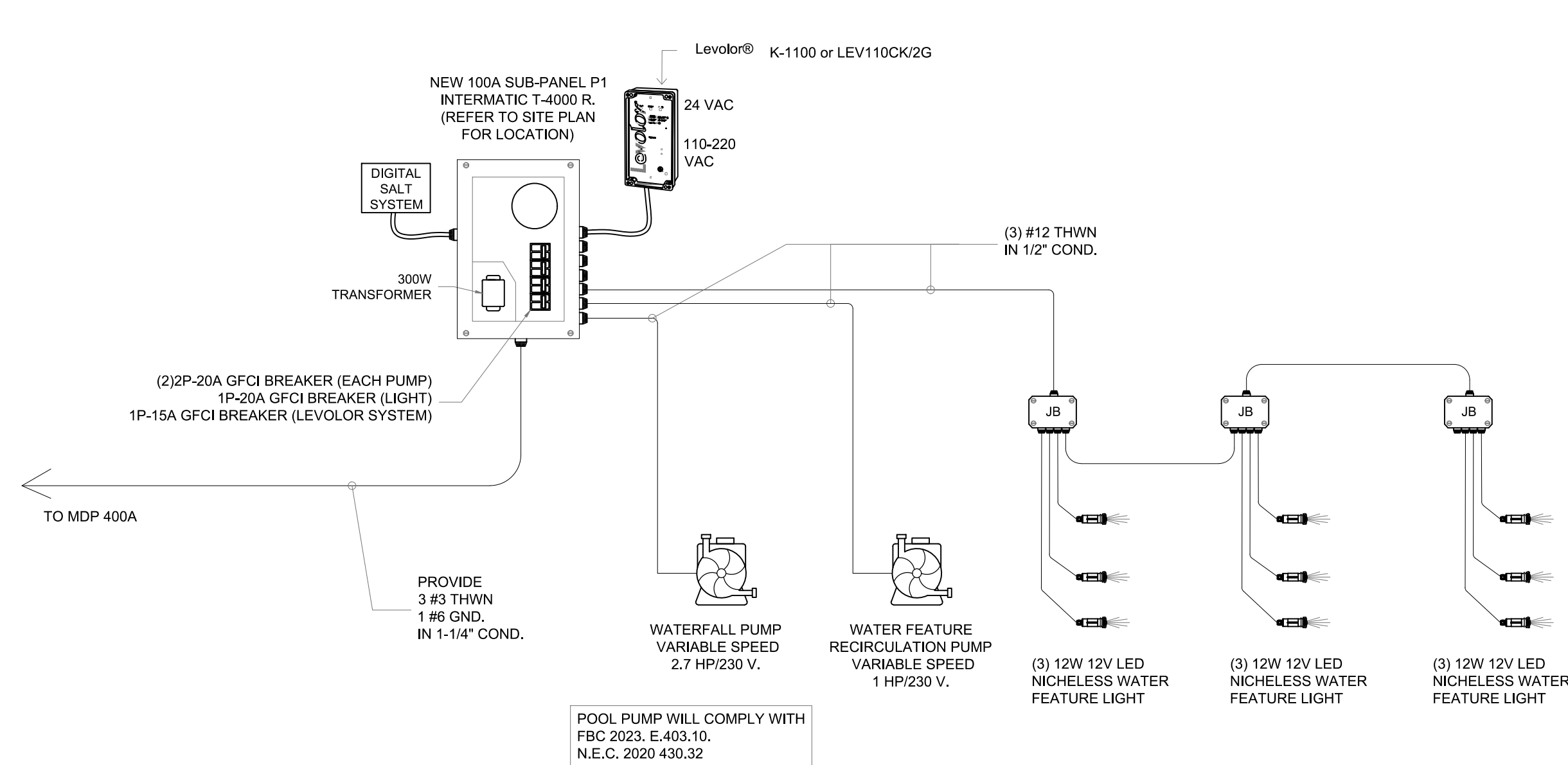
JOB NUMBER:
12700
SHEET NUMBER:

P-500

ORIGINAL ISSUE DATE: 2026.01.09
PLOT DATE: 2026-01-28



POOL ELECTRICAL RISER DIAGRAM



WATER FEATURE ELECTRICAL RISER DIAGRAM

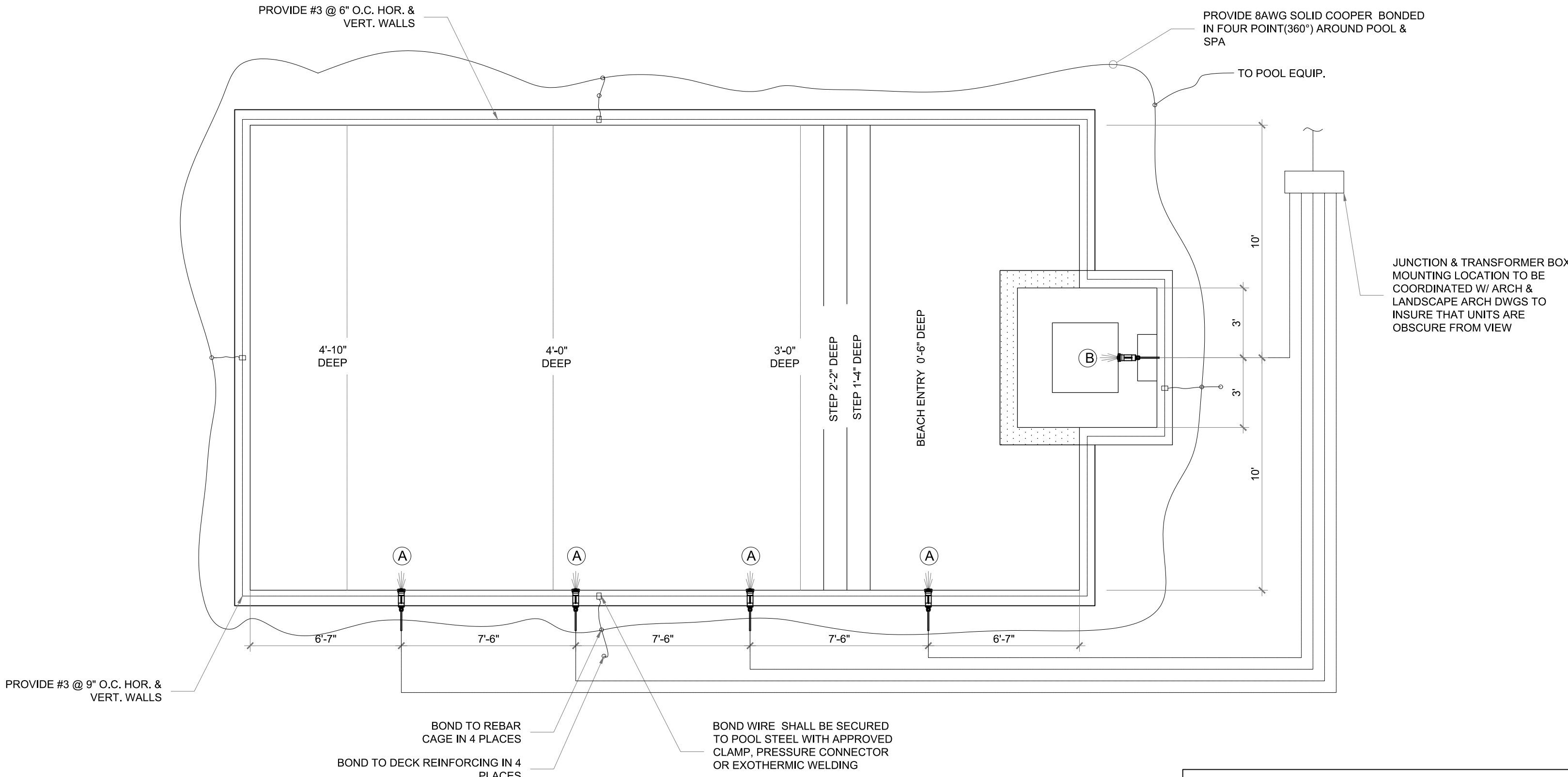
EQUIPOTENTIAL BONDING GRID
REFER TO N.E.C 2020 ART. 680.26 (B)(1) & (B)(7)

EQUIPOTENTIAL BONDING GRID TO RUN CONTINUOUSLY AROUND THE CONTOUR OF POOL EXTENDING 18" TO 24" FROM THE INSIDE WALLS OF THE POOL. THE 4" TO 6" BELOW GRADE GRID PATTERN SHALL BE SECURED WITHIN OR UNDER THE POOL DECK MEDIA. THE GRID SHALL BE CONSTRUCTED OF MINIMUM #8 AWG BARE OR SOLID COPPER CONDUCTORS. EQUIPOTENTIAL BONDING CONDUCTOR SHALL COMPLY W/ FBC 8th EDITION 2023 ALTERNATIVE & EQUIVALENT METHOD TO NEC 2020 ART 680.26

PROPOSED ELECTRICAL PANEL 'P'														
TYPE		INTERMATIC T-4000 RT3								ENCLOSURE		NEMA 3R		
SERVICE		400A								LOCATION		SEE PLAN		
VOLTAGE		1ø, 120/240								RATING		100A		
MAINS		MAIN LUG								AC		10 K		
AMPS	POLES	V.A	COND. SIZE	WIRE. SIZE	DESCRIPTION	CKT NO.		CKT NO.	DESCRIPTION	WIRE. SIZE	COND. SIZE	V.A	POLES	AMPS
20	2	3000	1/2"	12	2.7HP POOL PUMP	1		2	POOL & SPA LIGHTS	12	1/2"	60	1	20
						3		4	LEVOLOR K-1100	12	1/2"	88	1	15
						5		6	DIGITAL SALT SYSTEM	12	1/2"	768	1	15
						7		8	1 HP BLOWER	12	1/2"	1,000	1	20
						9		10						
						11		12						
TOTAL V.A		3,000							TOTAL V.A		1,916			
TOTAL LOAD @ 100%		4,916 W		20.48 AMP										

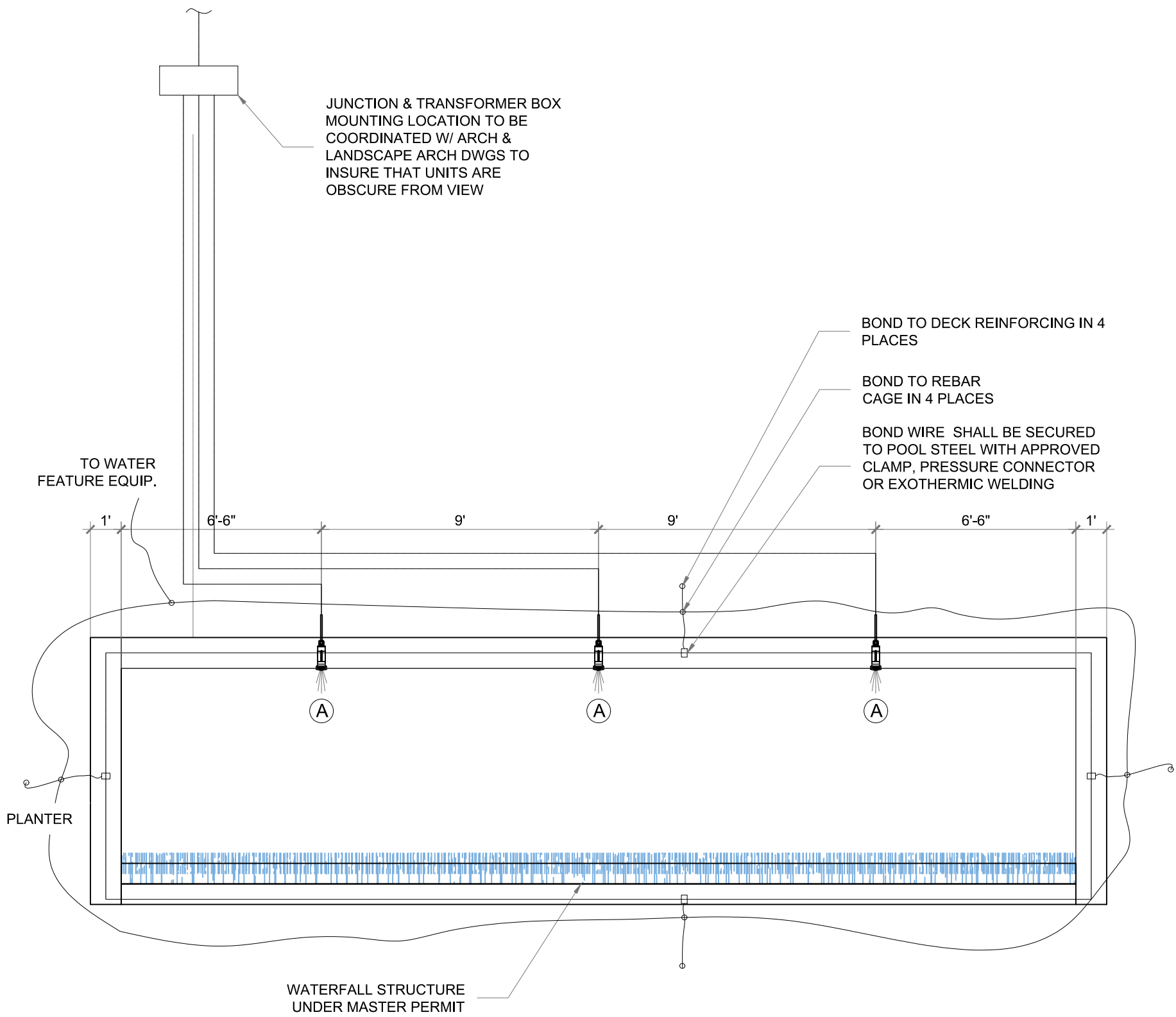
PROPOSED ELECTRICAL PANEL 'P1'																
TYPE		INTERMATIC T-4000 RT3								ENCLOSURE		NEMA 3R				
SERVICE		400A								LOCATION		SEE PLAN				
VOLTAGE		1ø, 120/240								RATING		100A				
MAINS		MAIN LUG								AC		10 K				
AMPS	POLES	V.A	COND. SIZE	WIRE. SIZE	DESCRIPTION	CKT NO.		CKT NO.	DESCRIPTION	WIRE. SIZE	COND. SIZE	V.A	POLES	AMPS		
20	2	3000	1/2"	12	2.7HP WATERFALL PUMP	1		2	WATER FEATURE LIGHTS	12	1/2"	108	1	20		
						3		4	LEVOLOR K-1100	12	1/2"	88	1	15		
						5		6								
20	2	2000	1/2"	12	1HP WATER FEATURE PUMP	7		8								
						9		10								
						11		12								
TOTAL V.A		5,000								TOTAL V.A		196				
TOTAL LOAD @ 100%				5,196 W		21.65 AMP										

ELECTRICAL PANEL SCHEDULE "DP"												
TYPE		AQ, G.E. (OR EQUIVALENT)				22,000 A.I.C.		MAINS		M.C.B.		
MOUNTING		FLUSH						BUS RATING		400 AMP		
LOCATION		GARAGE						VOLTAGE		120/240V-1PHASE-3WIRE		
DESCRIPTION	WIRE & COND. SIZE	LOAD (V.A.)	POLE TRIP	CKT. No.	A	B	CKT. No.	POLE TRIP	LOAD (V.A.)	WIRE & COND. SIZE	DESCRIPTION	
PANEL A	3#3/0 & 1#6G" THWN CU IN 2°C	30611	2	1			2	2		3#3/0 & 1#6G" THWN CU IN 2°C	PANEL D	
			2	200	3	4	200	34672				
PANEL B	3#1/0 & 1#6G" THWN CU IN 1-1/2°C	25350	2	5			6	2		3#1 & 1#6G" THWN CU IN 1-1/2°C	PANEL E	
			2	150	7	8	125	20447				
PANEL C	3#1 & 1#6G" THWN CU IN 1-1/2°C	14460	2	9			10	2		3 #3 THWN 1 #6 GND. IN 1-1/4" COND.	FUTURE POOL PANEL P	
			2	125	11	12	100	4916				
FUTURE IRRIGATION PUMP	#12-1/2"	1200	2	13			14	2		#12-1/2"	FUTURE IRRIGATION PUMP	
GATE MOTOR	#12-1/2"	800	1	20			16	20	1200			
SPACE				19			18	1	800	#12-1/2"	GATE MOTOR	
SPACE				21			20	1	700	#14-1/2"	LANDSCAPE LTS	
SPACE				23			22	1	20	400	#12-1/2"	EXT. REC.
SPACE				25			24	2		3 #3 THWN 1 #6 GND. IN 1-1/4" COND.	FUTURE WATER FEATURE PANEL P1	
SPACE				27			26	2	5198			
SPACE				29			28				SPACE	
SPACE							30				SPACE	
SUMMARY LOAD CALCULATIONS:												
PANEL "A" GENERAL LOAD = 38245 VA												
PANEL "B" GENERAL LOAD = 34542 VA												
PANEL "C" GENERAL LOAD = 22001 VA												
PANEL "D" GENERAL LOAD = 3900 VA												
PANEL "E" GENERAL LOAD = 18335 VA												
FUTURE POOL PANEL GENERAL LOAD = 4916 VA												
FUTURE WATER FEATURE PANEL GENERAL LOAD = 5198 VA												
MISCELLANEOUS LOAD = 1900 VA												
TOTAL GENERAL LOAD = 129037 VA												
FIRST 10000 VA AT 100% = 10000 VA												
REMAINDER AT 40% = 55614.8 VA												
AC COOLING LOAD AT 100% = 30884 VA												
TOTAL DEMAND LOAD = 96498.8 VA												
TOTAL DEMAND AMPS = 402 AMPS PER PHASE												
NOTES:												
IN EVENT OF EMERGENCY, THE SMART MODULE SHALL DISCONNECT: PNL 'E', FUTURE PNL 'P', AND FUTURE IRRIGATION PUMP.												

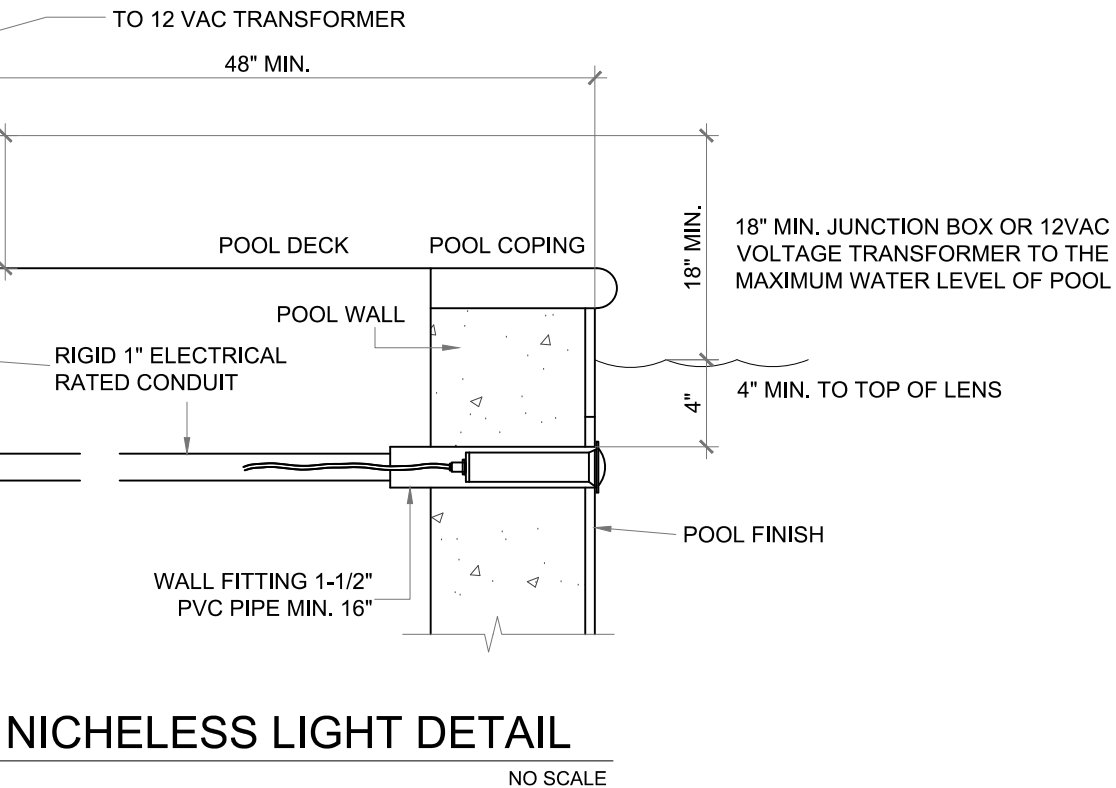


POOL LIGHTING/BONDING SCHEMATIC
NO SCALE

POOL & SPA LIGHT		
MARK	DESCRIPTION	UNITS.
(A)	12W 12V POOL LED LIGHT NICHELESS	4 U
(B)	12W 12V SPA LED LIGHT NICHELESS	1 U



WATER FEATURE LIGHTING/BONDING SCHEMATIC
NO SCALE



NICHELESS LIGHT DETAIL
NO SCALE

WATER FEATURE LIGHT		
MARK	DESCRIPTION	UNITS.
(A)	12W 12V WATER FEATURE LED LIGHT NICHELESS	3 U



HAROLD MON, AIA



LIGHTING / BONDING PLAN & LOAD CALCULATION

NEW POOL AT SINGLE FAMILY RESIDENCE
12700 ROLLING RD DR, PINECREST, FL 33156
12700 ROLLING RD, LLC
8879 SW 131 ST, MIAMI, FL 33176

SHEET JOB OWNER

REVISIONS:

JOB NUMBER:

12700

SHEET NUMBER:

P-501

ORIGINAL ISSUE DATE: 2026.01.09

PLOT DATE: 2026-01-28