

**MOUNTAIN LAKE PARK
SWIMMING FACILITY
TOWN OF WARWICK
REQUEST FOR PROPOSAL**

Potential Bidder:

The Town of Warwick is seeking bids for a modification to the two existing commercial swimming pools at Mountain Lake Park, located at 46 Bowen Road, in the Town of Warwick. This modification is intended to replace the existing recirculation mechanical equipment serving the two existing pools. This RFP does not include any portion of the work associated with the proposed Wading Pool, also shown on the accompanying plans.

The sizes and configuration of the two existing pools, the associated mechanical room and the configuration of the proposed mechanical equipment are shown on the accompanying plans.

The proposed project includes removing and disposing of all existing mechanical equipment serving the two pools, except for the pool heater serving swimming pool #1. The heater is to be incorporated into the replacement recirculation system.

The Town of Warwick intends for this work to be completed before the 2026 swimming season. Bids for the work should be submitted no later than Monday, May 19th, 2025 to be opened at 10am. Submit bids to the Warwick Town Hall at:

Town of Warwick
Town Hall
132 Kings Highway
Warwick, NY 10990

- Pricing is to include prevailing wage rates. Certified payroll receipt submission will be required.
- Inclusion of the cost of the electrician required for the work is not required. Bids should clearly specify whether this is included.
- Bids should identify any anticipated additional work.
- Bids should include a timeline for completing the project by Memorial Day of 2026.
- Site visits can be coordinated with:
Samantha Walter
Recreation Director
Town of Warwick
RecreationDirector@TownOfWarwick.org
845-258-0670

**MOUNTAIN LAKE PARK
SWIMMING FACILITY
TOWN OF WARWICK
REQUEST FOR PROPOSAL**

**MECHANICAL ROOM MODIFICATION
PROPOSAL FORM**

Lump Sum Bid Amount: _____

Electrician Included (Yes or No): _____

Required start date to ensure completion prior to 2026 swim season: _____

Anticipated/Suggested additional work items: _____

By:

Signature	Print Name
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Company Name

Telephone Number	Email Address
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Address	Date
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Town of Warwick General Instructions for Proposals

GENERAL INSTRUCTIONS FOR PROPOSALS

Contractors will be bound to the conditions and requirements set forth in these general instructions, and such instructions shall form an integral part of each contract awarded by the Town of Warwick.

PROPOSALS

1. The deadline to submit proposals will be given in the Request for Proposals.
2. All proposals must be submitted in accordance with the instructions provided by the Town of Warwick.
3. All proposals received after the time stated in the Request for Proposals will not be considered and will be returned unopened to the contractor. The contractor assumes the risk of any delay in the mail or in the handling of the mail by the employees of the Town. Whether sent by mail or by means of personal delivery, the contractor assumes responsibility for having his proposal deposited on time at the place specified.
4. All information required by the Request for Proposals, the General and Special Instructions, and the Proposal Form must be given to constitute a proposal.
5. The submission of a proposal will be construed to mean that the contractor is fully informed as to the extent and character of the supplies, materials, or equipments required and a representation that the contractor can furnish the supplies, materials, or equipment satisfactorily in complete compliance with the specifications.
6. No alteration, erasure, or addition is to be made in the typewritten or printed matter. Deviations from the specifications must be set forth in space provided in the proposal for this purpose.
7. Prices and information required must be legible. Illegible or vague proposals may be rejected. All signatures must be written. Facsimile, printed, or typewritten signatures are not acceptable.
8. No charge will be allowed for federal, state, or municipal sales and excise taxes since the Town is exempt from such taxes. The price proposal shall be net and shall not include the amount of any tax.
9. The contractor's attention is directed to the fact that all applicable Federal and State laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over the project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written out in full.
10. Each envelope containing a Proposal must bear on the outside, the name and address of the Contractor, and the name of the project for which the Proposal is submitted. If forward by mail, the sealed envelope containing the Proposal must be enclosed in another envelope addressed as specified above.

Town of Warwick General Instructions for Proposals

11. No interpretations of the meaning of the drawings, specifications or others proposal documents will be made to any contractor orally. Every request for such interpretation should be in writing addressed to the Town of Warwick and to be given consideration must be received at least five (5) working days prior to the date fixed for the opening of proposals. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications which, if issued, will be sent to all prospective contractors (at the respective addresses furnished for such purposes) not later than three working days prior to the date fixed for the opening of proposals. Failure of any contractor to receive any such addendum or interpretation shall not relieve such contractor from any obligation under his proposal as submitted. All addenda so issued shall become part of the contract documents.
12. If the supplies, materials, or equipment are to be delivered over an extended period of time or if the specifications so state, then the successful contractor may be required to execute an agreement in relation to the performance of his/her contract. If the specifications so state, the successful contractor may be required to furnish a performance bond equal to the full amount of the contract to guarantee the faithful performance of such contract. Such performance bond shall be maintained in full force and effect until the contract shall have been fully performed. The surety company furnishing such performance bond shall be authorized to do business in the State of New York and must be satisfactory to the Town of Warwick.
13. All contractors are required to execute a non-collusion certificate pursuant to Section 103 of the General Municipal Law of the State of New York.
14. The contractor agrees to abide by the requirements under Executive Order No. 11246, as amended, including specifically, the provisions of the equal opportunity clause.

INSURANCE

15. Notwithstanding any terms, conditions or provisions, in any other writing between the parties, the contractor/permittee hereby agrees to effectuate the naming of the Town of Warwick as an unrestricted additional insured on the contractor's insurance policies, with the exception of workers' compensation. If the contractor is self-insured, evidence of its status as a self-insured entity shall be provided to municipality. If requested, the contractor must describe its financial condition and the self-insured funding mechanism.
16. The policy naming the municipality as an additional insured shall:
 - a. Be an insurance policy from an A.M. Best rated "secure" Insurer, authorized to write business in New York State.
 - b. Contain a 30-day notice of cancellation.
 - c. State that the organization's coverage shall be primary coverage for the Municipality, its Board, employees and volunteers.

Town of Warwick General Instructions for Proposals

- d. The municipality shall be listed as an additional insured by using endorsement CG 2010 10 85 or equivalent. The certificate must state that this endorsement is being used. If another endorsement is used, a copy shall be included with the certificate of insurance.
 - e. The certificate of insurance must describe the specific services provided by the contractor (e.g., roofing, carpentry, plumbing, etc.) that are covered by the commercial general liability policy and the umbrella policy.
 - f. At the Municipality's request, the contractor shall provide a copy of the declaration page of the liability and umbrella policies with a list of endorsements and forms. If so requested, the contractor will provide a copy of the policy endorsements and forms.
17. The contractor/permittee agrees to indemnify the municipality for any applicable deductibles.
18. Required Insurance:
- a. **Commercial General Liability Insurance**
 - i. \$1,000,000 per occurrence/ \$2,000,000 Products/completed operations aggregate and
 - ii. \$2,000,000 general aggregate The general aggregate is to apply on a per project basis
 - iii. Policy to include full contractual liability coverage.
 - b. **Automobile Liability**
 - i. \$1,000,000 combined single limit for owned, hired and borrowed and non-owned motor vehicles.
 - c. **Excess/Umbrella Insurance**
 - i. \$1,000,000; \$3,000,000; \$5,000,000 each Occurrence and Aggregate depending on the type and size of the project.
 - d. **Workers' Compensation and N.Y.S. Disability**
 - i. Statutory Workers' Compensation, Employers' Liability and N.Y.S. Disability Benefits Insurance for all employees. Proof of coverage must be on the approved specific form, as required by the New York State Workers' Compensation Board. ACORD certificates are not acceptable.
 - e. **Owners Contractors Protective Insurance (Required for large construction projects.)**
 - i. \$1,000,000 per occurrence/\$2,000,000 aggregate; the Municipality as the named Insured.
 - f. **Bld, Performance and Labor & Material Bonds**
 - i. If required in the specifications, these bonds shall be provided by a New York State admitted surety company, in good standing.

Town of Warwick General Instructions for Proposals

19. Contractor acknowledges that failure to obtain such insurance on behalf of the municipality constitutes a material breach of contract. The contractor/permittee is to provide the municipality with a certificate of insurance, evidencing the above requirements have been met, prior to the commencement of work or use of facilities. The failure of the municipality to object to the contents of the certificate or the absence of same shall not be deemed a waiver of any and all rights held by the municipality.
20. The municipality is a municipal governmental agency as defined in NYS Town Law.

LABOR STANDARDS

21. The wages to be paid by the contractor shall be not less than the prevailing rate of wages as defined by the New York State Department of Labor. No employee shall be deemed to be an apprentice unless he is individually registered in an apprenticeship program which is duly registered with the commissioner of labor.
22. The contractor shall maintain documentation which demonstrates compliance with hour and wage requirements. Such documentation shall be submitted to the Town for review.
23. In the hiring of employees for the performance of work under this contract or subcontract hereunder, neither the contractor or any subcontractor, shall by reason of race or color discriminate against any citizen of the State of New York who is qualified and available to perform the work to which the employment relates, nor shall the contractor, any subcontractor, or any person acting on behalf of the contractor or subcontractor discriminate in any manner against or intimidate any employee hired for the performance of work under this contract on account of age, race, creed, color, national origin or sex, in accordance with Executive Law 296, Sections 20 through 23.

AWARDS

24. See page 4b

25. The Town of Warwick reserves the right to reject any or all proposals. The Town may consider informal any Proposal not prepared and submitted in accordance with the provisions hereof. Also reserved is the right to reject, for cause, any proposal in whole or part; to waive any informalities, technicalities, qualifications, irregularities, and omissions if in its judgment the best interests of the Town will be served.
26. Any Proposal may be withdrawn prior to the above scheduled time for the opening of the Proposals or authorized postponements thereof. No Contractor may withdraw a Proposal within 45 days after the actual date of the opening thereof.

Town of Warwick General Instructions for Proposals

AWARDS

#24.

All prospective bidders are notified that the work that is the subject of this Request for Proposals will be analyzed and awarded in accordance with Town Code Chapter 33 entitled "Best Value Pricing Law". Attached hereto are the minimum specifications and requirements that must be met in order to be considered responsive. The contract shall not be awarded based solely on cost. Bidders are hereby directed to take note of Town Code Section 33-6, which states in relevant part, as follows:

"Goods and services procured and awarded on the basis of best value are those that the Town determines will be of the highest quality while being the most cost-efficient as offered by responsive and responsible bidders and offerors. The determination of quality and cost-efficiency shall be based on objectively quantified and clearly described and documented criteria, which may include, but shall not be limited to, any or all of the following: product or service features, quality, durability, reliability, product performance criteria, quality of craftsmanship, cost and extent of maintenance, useful lifespan, availability of replacement parts, availability of maintenance contractors, warranties, proximity to the end user if distance or response time is a significant factor, references, past performance, organization and staffing, and financial capabilities."

Specific to this solicitation for proposals regarding the Town pools, the Town shall consider the following criteria and objectively award points for each category:

- Cost of maintenance of the finished product
- Product life
- Warranties
- Past performance, reliability, and current or past experience with the provision of similar goods/services by bidder
- Bidder's organization, staffing (particular abilities and/or experience), and ability to undertake the type and complexity of the work;
- Financial capability of bidder;
- Bidder's record of compliance with all federal, state and local laws, rules, and licensing requirements
- Bidder's ability to meet the Town's needs in a timely and accountable fashion, including bidders proximity to the Town.

Town of Warwick General Instructions for Proposals

CONTRACTS

27. A contract shall bind the successful contractor on his part to furnish and deliver at the prices and in accordance with the conditions of this proposal. Contract shall bind the Town on its part to order from the successful contractor and to pay at the contract prices, unless otherwise specified.
28. The placing in the mail of a notice of award to the successful contractor, to the address given in his proposal, will be considered sufficient notice of acceptance of this proposal.
29. A contract may be canceled for non-performance.
30. No items are to be shipped or delivered until receipt of an official purchase order from the Town of Warwick.
31. It is mutually understood and agreed that the successful contractor shall not assign, transfer, convey, sublet or otherwise dispose of the contract of his/her right, title or interest therein, or his power to execute such contract, to any other person, company or corporation, without the previous written consent of the Town of Warwick.

INSTALLATION OF EQUIPMENT

32. All equipment will be purchased at the discretion of the Town of Warwick.
33. The successful contractor shall clean up and remove all debris and rubbish resulting from his/her work from time to time as required or directed. Upon completion of the work the premise shall be left in neat, unobstructed condition, and the building room cleaned, and everything in perfect repair order. Materials are the property of the successful contractor unless otherwise specified.
34. Equipment, supplies, and materials shall be stored at the site only on the approval of the Town and at the successful contractor's risk. In general, on-site storage should be avoided to prevent possible damage or loss of materials.
35. Work shall be progressed so as to cause the least inconvenience to the Town and with proper consideration for the rights of other successful contractors or workmen. The successful contractor shall keep in touch with the entire operation and install his work promptly.
36. Contractors shall acquaint themselves with conditions found at the site and shall assume all responsibility for placing and installing the equipment in locations required.

GUARANTEES BY THE SUCCESSFUL CONTRACTOR

37. The successful contractor guarantees:
 - a. His/her products against defective material or workmanship and to repair or replace any damages or marring occasioned in transit,
 - b. To furnish adequate protection from damage for all work and to repair damages of any kind for which he/she or his/her workmen are responsible, to the building or

Town of Warwick General Instructions for Proposals

- equipment, to his/her own work, or to the work of other successful contractors or workmen,
 - c. To carry adequate insurance to protect the Town from loss in case of accident, fire, theft, etc.,
 - d. The equipment or materials delivered is standard, new, latest model, or regular stock product or as required by the specifications, also that no attachment or part has been substituted or applied contrary to the manufacturer's recommendations and standard practice,
 - e. Any merchandise provided the contract, which is or becomes defective during the guarantee period, shall be replaced by the successful contractor free of charge with the specific understanding that all replacements shall carry the same guarantee as the original equipment. The successful contractor shall make any replacement immediately upon receiving notice from the Town.
38. The successful contractor shall not be held responsible for any delays by wars, acts of public enemies, strikes, floods, fires, act of God, or for any other acts not within the control of the successful contractor and which by the exercise of reasonable diligence he/she is unable to prevent.

PAYMENTS

39. Payment will be made only after correct presentation of Vouchers and/or Invoices as may be required.
40. Payments of any claim shall not preclude the Town from making claim for adjustment of any item found to not have been in accordance with the specifications.

Town of Warwick General Instructions for Proposals

**STATEMENT OF NON-COLLUSION BY BIDDER
PURSUANT TO SECTION 103-D
GENERAL MUNICIPAL LAW**

PROJECT TITLE: _____

I, _____ of the (Town, Village, City) of _____ in the County of _____ and the State of _____ of full age, being duly sworn according to law on my oath depose and say that:

I am _____, an officer of the firm of _____ the bidder making the Proposal for the above named work, and that I executed the said Proposal with full authority to do so; that said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise in connection with the above named work; and that all statements contained in said Proposal and in this affidavit are true and correct, and made with the full knowledge that Town of Warwick as Owner relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the contract for said work.

The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices with any bidder, with any competitor;

Unless otherwise require by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder, and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor;

No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition;

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona-fide employees or bona-fide established commercial or selling agencies maintained by _____.

(Name of Contractor)

Signature: _____

Date: _____

Print Name: _____

Sworn to me this _____ day of _____, 20____

Notary Public

Town of Warwick General Instructions for Proposals

HOLD HARMLESS AGREEMENT

(This form must be signed and notarized – submit with proposal)

It is hereby agreed and understood that the Contractor agrees to hold harmless and indemnify the Town of Warwick, or any officer, agent, servant, or employee of the Town of Warwick from and against any and all liability, loss, damage, claim or action, to the extent permissible by law, arising out of operations performed or services provided by the Contractor under the contract or which may arise out of:

1. Any injury to person or property sustained by the Contractor, its agents, servants, or employees of by any person, firm, or corporation employed directly or indirectly by them upon or in connection with their performance under the contract, however caused;
2. Any injury to person or property sustained by any person, firm, or corporation, caused by any act, default, error or omission of the Contractor, its agents, servants, or employees or any person, firm, or corporation employed directly or indirectly by them upon or in connection with their performance under the contract.

The assumption of indemnity, liability and loss hereunder shall survive the Contractor's completion of service or other performance hereunder and any termination of this contract.

The contractor at its own expense and risk shall defend any legal proceedings that may be brought against the Town of Warwick or any officer, agent, servant, or employee of the Town of Warwick on any claim or demand, and shall satisfy any judgment that may be rendered against the Town of Warwick or any officer, agent, servant, or employee of the Town of Warwick.

This Indemnification, Defense, and Hold Harmless Agreement shall apply to any lawsuit, action, proceeding, liability, judgment, claim, or demand, of whatever name or nature, notwithstanding that Contractor may deem the same to be frivolous or without merit. It is intended that this Agreement be interpreted in the broadest manner possible so as to insulate all of the entities, parties, and individuals named above from any liability, cost, or judgment, monetary or otherwise, as the same may relate to the personnel and services provided by the Contractor.

Signature: _____

Date: _____

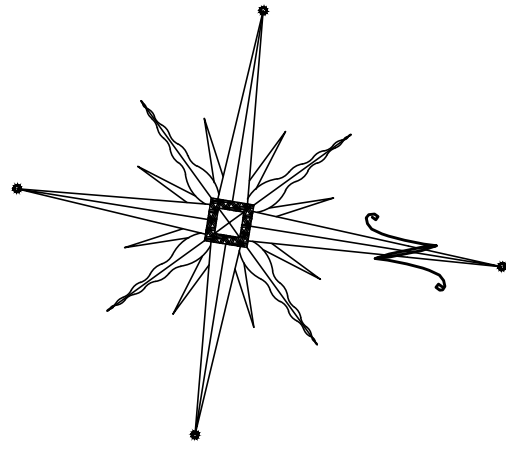
Print Name: _____

Sworn to me this _____ day of _____, 20____

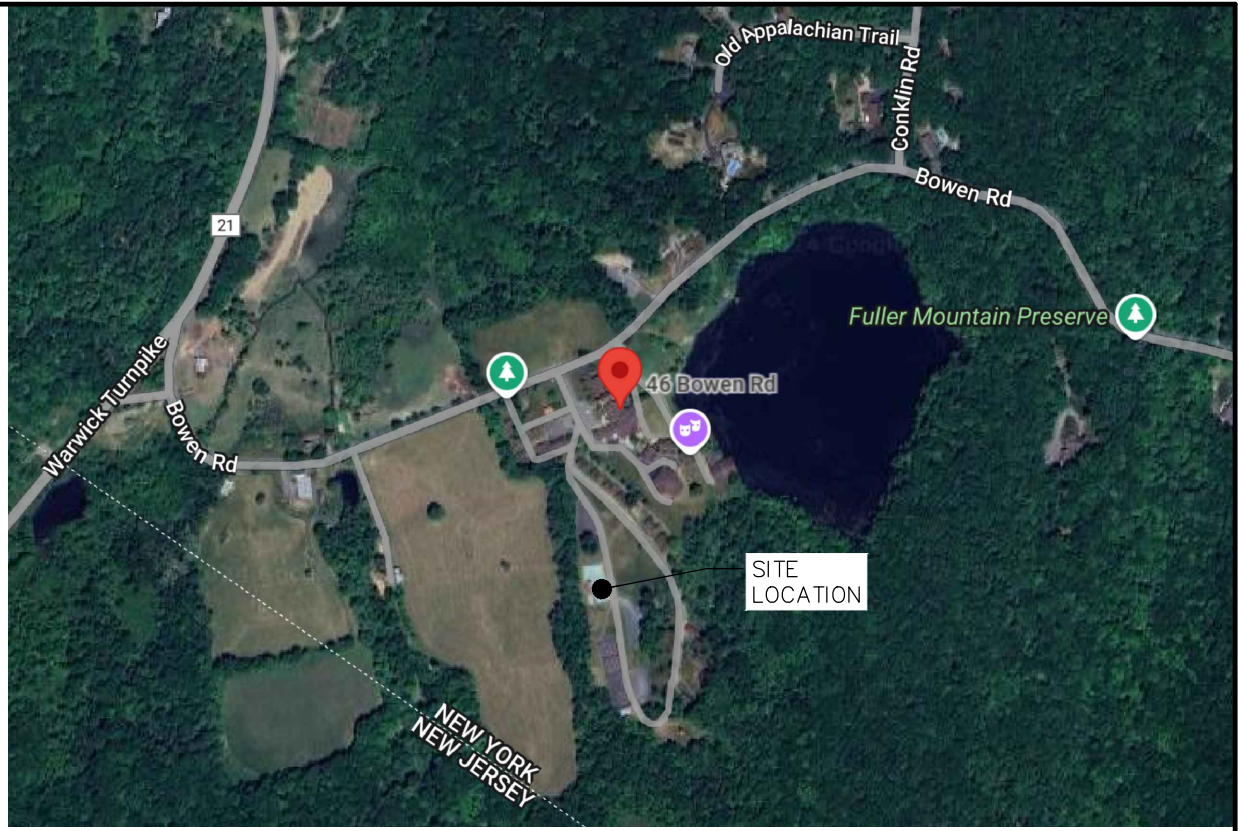
Notary Public

Addendum to Town of Warwick Bid Packet 2/10/25

The bidder must attest that the bidder is not subject to, nor will utilize subcontractors subject to, debarment from Federal onstage contracts.



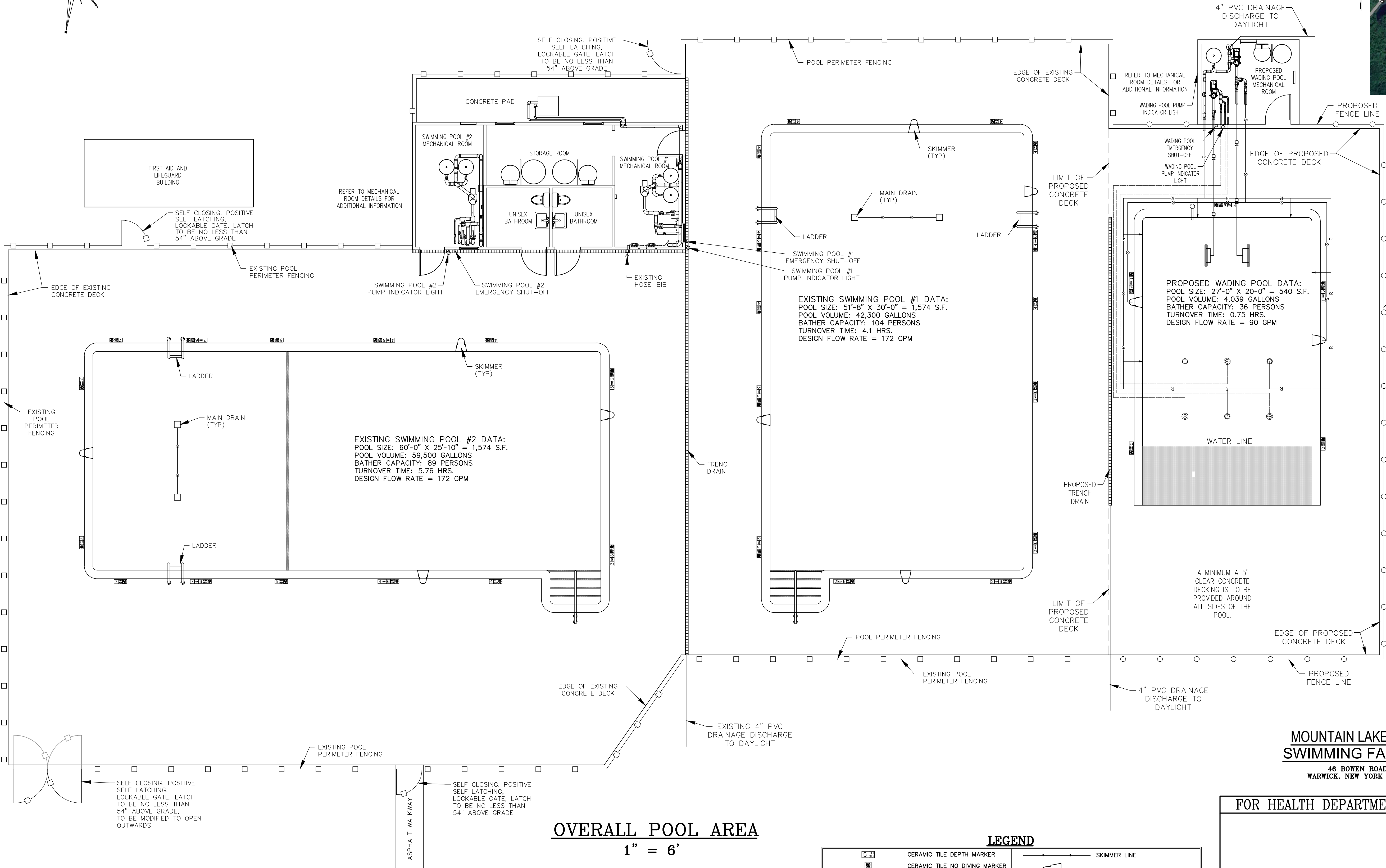
NOTE:
THE PROPOSED MODIFICATIONS TO SWIMMING POOL #1 AND SWIMMING POOL #2 ARE LIMITED TO THE DEPICTED RENOVATIONS IN THE MECHANICAL ROOM.
A 27'x20' STEEL REINFORCED GUNITE COMMERCIAL WADING POOL IS PROPOSED AT THE NORTHERLY PORTION OF THE SITE.



LOCATION MAP
NOT TO SCALE

ORANGE COUNTY HEALTH DEPARTMENT NOTES

- ORANGE COUNTY DEPARTMENT OF HEALTH PLAN APPROVAL IS LIMITED TO 5 YEARS. TIME EXTENSIONS FOR PLAN ACCEPTANCE MAY BE GRANTED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH BASED UPON DEVELOPMENT FACTS AND ANY NEW REGULATIONS, OR GUIDANCE, IN EFFECT AT THAT TIME. A NEW PLAN SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.
- UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION (DIAL 811 OR WWW.UDIGNY.ORG).
- THE PROPOSED WADING POOL HAS BEEN DESIGNED TO BE STRUCTURALLY STABLE AND SAFE UNDER BOTH THE FULL AND EMPTY CONDITIONS.
- CONSTRUCTION OF THE POOL SHALL BE UNDER THE SUPERVISION OF A NEW YORK STATE REGISTERED DESIGN PROFESSIONAL. THE REGISTERED PROFESSIONAL SHALL SUBMIT A CONSTRUCTION COMPLIANCE CERTIFICATE TO THE ORANGE COUNTY DEPARTMENT OF HEALTH STATING THAT THE CONSTRUCTION OR RENOVATION WAS COMPLETED IN CONFORMANCE WITH THE APPROVED PLANS, REPORTS, AND SPECIFICATIONS.
- ALL ELECTRICAL WIRING SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND APPLICABLE STATE AND LOCAL BUILDING CODES. A CERTIFICATE OF ELECTRICAL COMPLIANCE ISSUED BY THE NY BOARD OF FIRE UNDERWRITERS OR EQUIVALENT CERTIFYING AGENCY SHALL BE OBTAINED FOR ANY NEW OR MODIFIED ELECTRICAL SYSTEMS.
- ANY CHANGES TO THE APPROVED PLANS MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE ORANGE COUNTY DEPARTMENT OF HEALTH BEFORE CONSTRUCTION.



EXISTING SWIMMING POOL #2 DATA:
POOL SIZE: 60'-0" X 25'-10" = 1,574 S.F.
POOL VOLUME: 59,500 GALLONS
BATHER CAPACITY: 89 PERSONS
TURNOVER TIME: 5.76 HRS.
DESIGN FLOW RATE = 172 GPM

EXISTING SWIMMING POOL #1 DATA:
POOL SIZE: 51'-8" X 30'-0" = 1,574 S.F.
POOL VOLUME: 42,300 GALLONS
BATHER CAPACITY: 104 PERSONS
TURNOVER TIME: 4.1 HRS.
DESIGN FLOW RATE = 172 GPM

PROPOSED WADING POOL DATA:
POOL SIZE: 27'-0" X 20'-0" = 540 S.F.
POOL VOLUME: 4,039 GALLONS
BATHER CAPACITY: 36 PERSONS
TURNOVER TIME: 0.75 HRS.
DESIGN FLOW RATE = 90 GPM

WATER LINE

A MINIMUM A 5' CLEAR CONCRETE DECKING IS TO BE PROVIDED AROUND ALL SIDES OF THE POOL.

**MOUNTAIN LAKE PARK
SWIMMING FACILITY**

46 BOWEN ROAD
WARWICK, NEW YORK 10990

FOR HEALTH DEPARTMENT APPROVAL

LEGEND

	CERAMIC TILE DEPTH MARKER		SKIMMER LINE
	CERAMIC TILE NO DIVING MARKER		SKIMMER
	STAINLESS STEEL HANDRAIL		MAIN DRAIN LINE
	STAINLESS STEEL LADDER		MAIN DRAIN PUMP & GRATE
	PVC FILL SPOUT		RETURN LINE
	CERAMIC TILE STRIPE (DARK, CONTRASTING COLOR)		RETURN INLET FITTING
			PIPE SIZE
			FLOW RATE
			VELOCITY

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING O.C.H.D. SHEET NO. - OF - .

SUPERVISION NOTE:

- THE SWIMMING POOLS ARE TO BE OPERATED AS SUPERVISION LEVEL IIa POOLS.
- THE WADING POOL IS TO BE OPERATED AS SUPERVISION LEVEL III POOL.

OVERALL POOL AREA

1" = 6'

3/17/25	PER OCHD 3/10 COMMENT
10/16/24	ORIGINAL PREPARATION DATE
DATE	DESCRIPTION

**MOUNTAIN LAKE PARK
SWIMMING FACILITY**

TOWN OF WARWICK
ORANGE COUNTY, NEW YORK

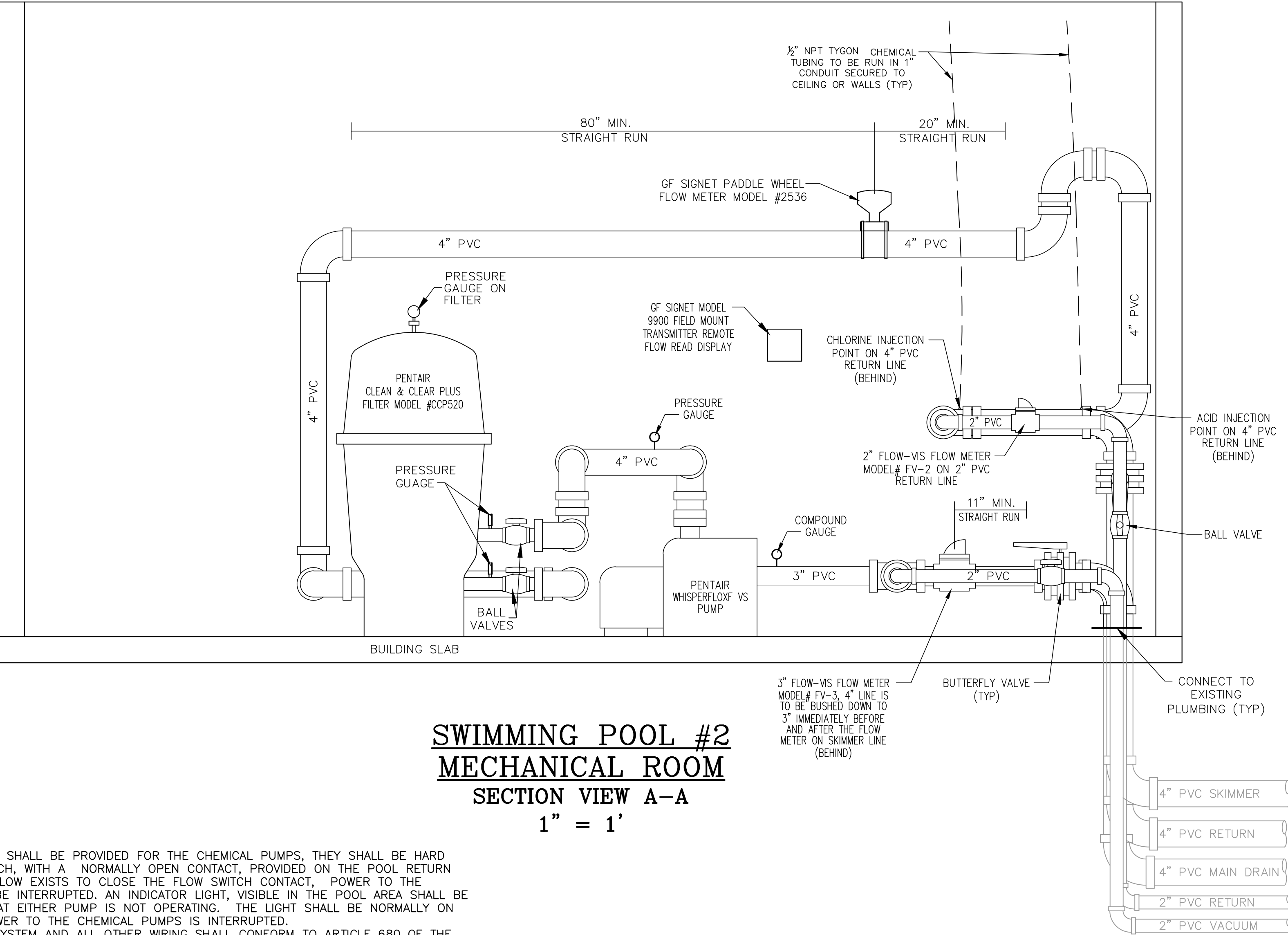
PROJECT TITLE

OVERALL POOL AREA

DRAWING TITLE

SIGNATURE _____ DATE _____
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.
JOHN PETROCCIONE P.E.
LICENSE NO. 078516
129 NEPTUNE DRIVE, MONROE, NEW YORK 10950
(845) 782-7725

SCALE 1" = 6'	PROJECT 24171.01	CAD REFERENCE MOUNTAIN LAKE PARK
NYSDEC DWG.NO N/A of N/A	OCID DWG.NO 1 of 7	DWG.NO 1 of 7



SWIMMING POOL #2
MECHANICAL ROOM
SECTION VIEW A-A
1" = 1'

GENERAL NOTES

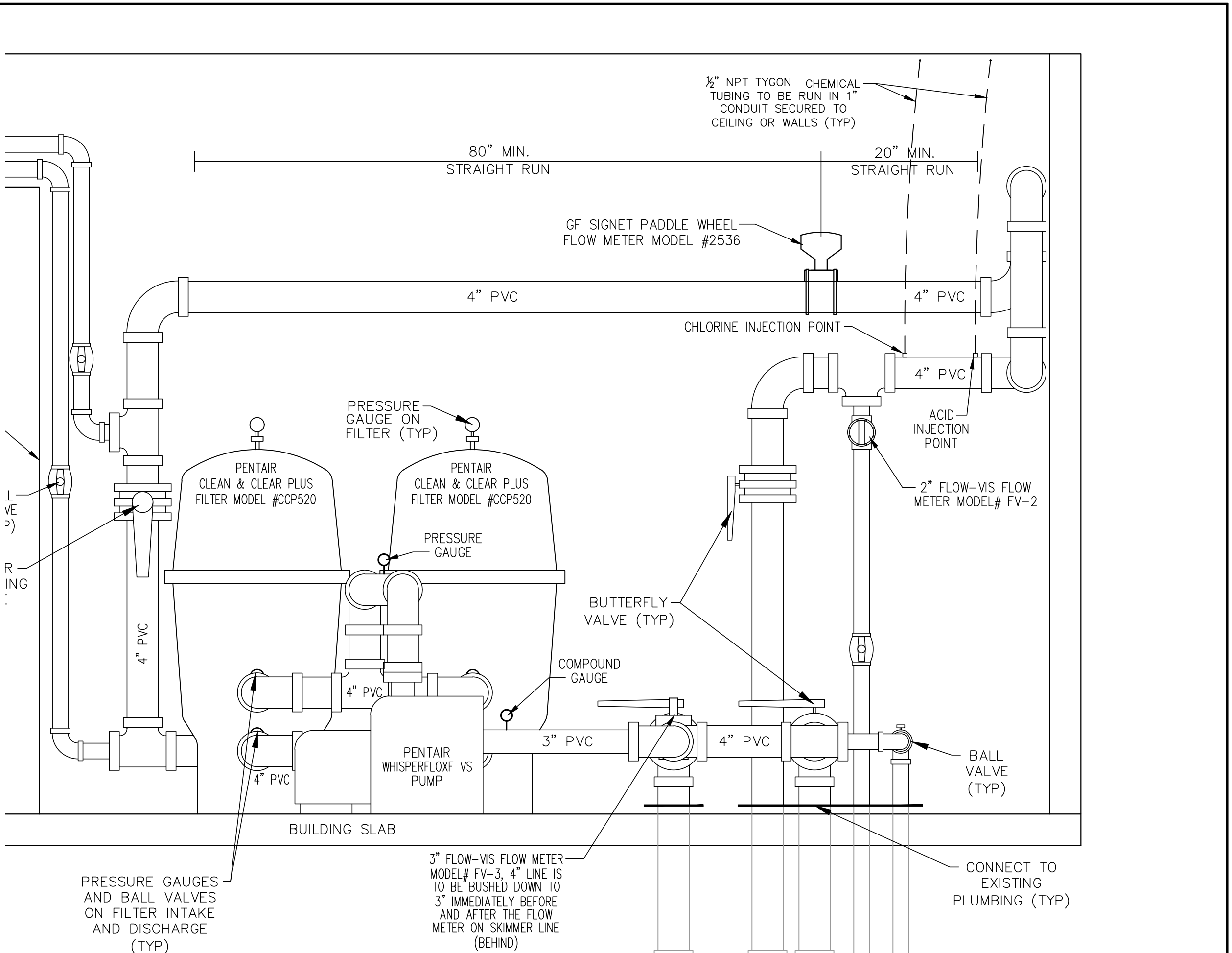
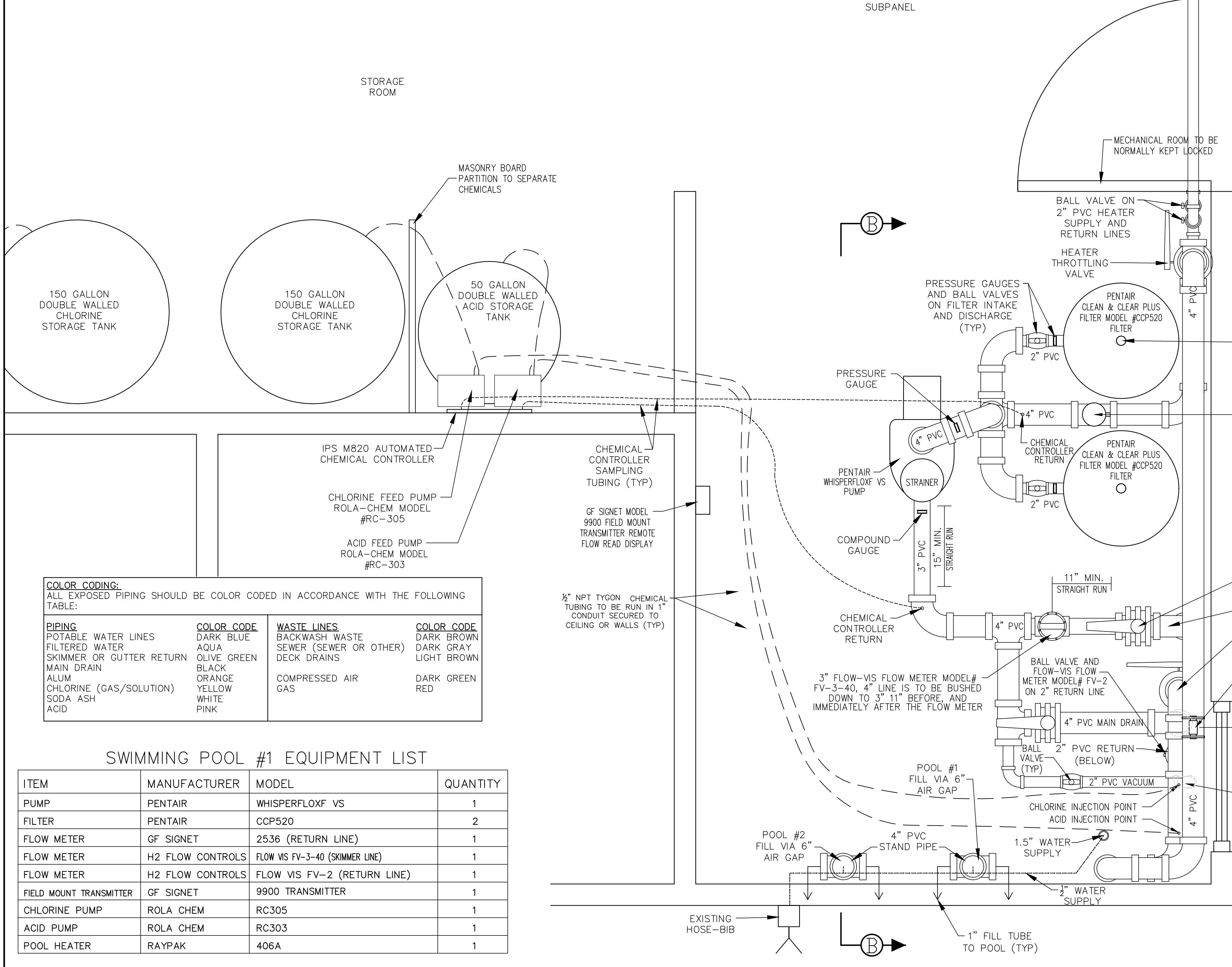
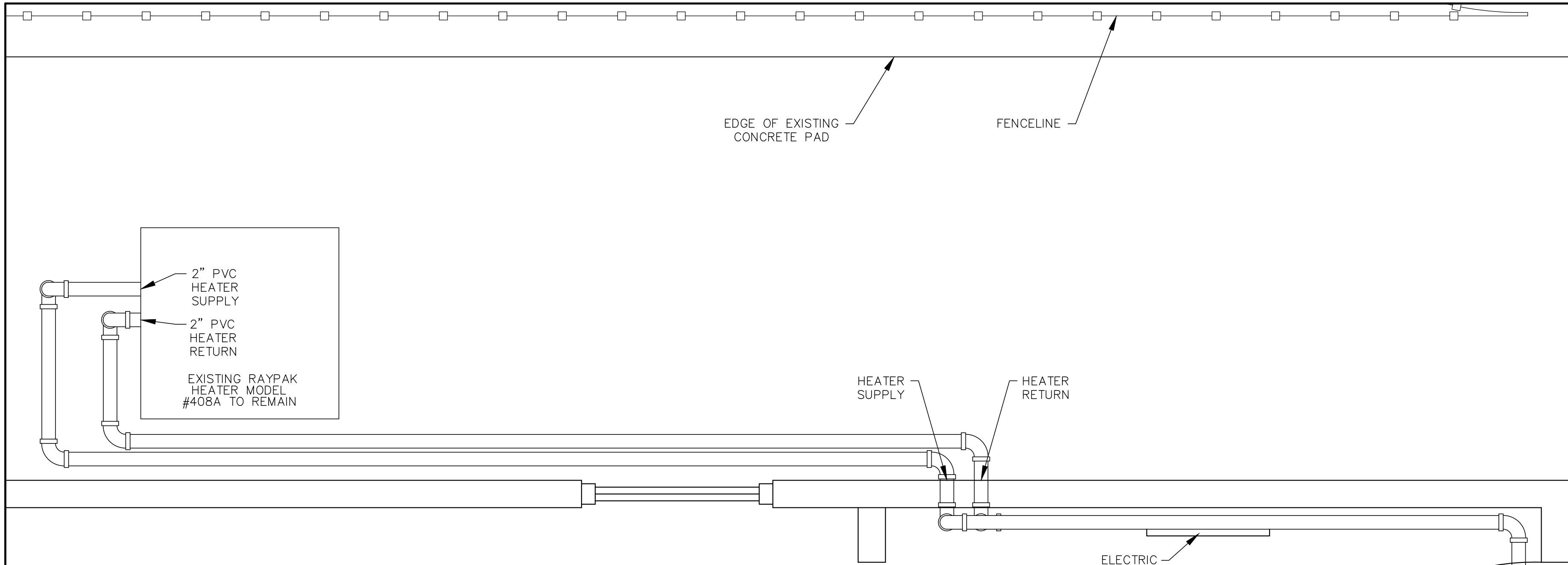
1. AN ELECTRICAL INTERLOCK SHALL BE PROVIDED FOR THE CHEMICAL PUMPS, THEY SHALL BE HARD WIRED TO THE FLOW SWITCH, WITH A NORMALLY OPEN CONTACT, PROVIDED ON THE POOL RETURN LINE. WHEN INADEQUATE FLOW EXISTS TO CLOSE THE FLOW SWITCH CONTACT, POWER TO THE CHEMICAL PUMPS SHALL BE INTERRUPTED. AN INDICATOR LIGHT, VISIBLE IN THE POOL AREA SHALL BE PROVIDED TO INDICATE THAT EITHER PUMP IS NOT OPERATING. THE LIGHT SHALL BE NORMALLY ON, AND TURN OFF WHEN POWER TO THE CHEMICAL PUMPS IS INTERRUPTED.
2. THE POOL'S ELECTRICAL SYSTEM AND ALL OTHER WIRING SHALL CONFORM TO ARTICLE 680 OF THE NATIONAL ELECTRICAL CODE.
3. ALL LIGHTING AND ELECTRICAL CIRCUITS PROVIDED IN THE POOL AREA AND MECHANICAL ROOM ARE TO BE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTERS IN ACCORDANCE WITH THE UNIFORM CODE & THE NATIONAL ELECTRIC CODE. ALL ELECTRICAL FIXTURES SHALL BE U.L. APPROVED.
4. THE POOL BUILDER SHALL PROVIDE A POOL OPERATION MANUAL. INCLUDED SHALL BE INSTRUCTIONS FOR EACH FILTER, PUMP, CHEMICAL FEED EQUIPMENT AND GENERAL OPERATION. DRAWINGS, ILLUSTRATIONS AND PARTS LISTS SHALL BE INCLUDED ALONG WITH INSTRUCTIONS FOR THE OPERATION AND MAINTENANCE OF ALL THE EQUIPMENT. THE MANUAL SHALL BE SUBMITTED TO, AND APPROVED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH.
5. POOL WATER MUST BE HELD FOR TEN DAYS PRIOR TO DISCHARGE TO ALLOW THE CHLORINE TO DISSIPATE. WATER BEING DISCHARGED MUST ALSO BE FREE OF ANY OTHER POLLUTANTS INCLUDING, BUT NOT LIMITED TO SLICIMIDES, BIOCIDES, ALGAEKILLS, DETERGENTS AND CLEANERS. ALTERNATELY, A DE-CHLOR PRODUCT MAY BE USED AND THE POOL WATER TESTED TO BE CHEMICAL FREE PRIOR TO DISCHARGE. DISCHARGES TO GRADE ARE TO BE NON-EROSIVE.
6. ALL HOSE BIBS IN THE POOL AREA ARE TO BE PROVIDED WITH VACUUM BREAKERS.
7. ALL PIPING IS TO BE SCHEDULE 40 RIGID PVC.
8. ALL COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND REQUIREMENTS FOR ALL COMPONENTS TO BE INSTALLED. ANY REQUIREMENTS OR RECOMMENDATIONS REQUIRING DEVIATION FROM THE APPROVED PLANS SHALL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER AND THE DEPARTMENT OF HEALTH.
9. ALL FLOW METERS SHALL BE READ AND THE RESULTS RECORDED ON A DAILY BASIS IN THE MONTHLY OPERATIONS REPORT.

SWIMMING POOL #2 EQUIPMENT LIST

ITEM	MANUFACTURER	MODEL	QUANTITY
PUMP	PENTAIR	WHISPERFLOXF VS	1
FILTER	PENTAIR	CCP520	2
FLOW METER	GF SIGNET	2536 (RETURN LINE)	1
FLOW METER	H2 FLOW CONTROLS	FLOW VIS FV-3-40 (SKIMMER LINE)	1
FLOW METER	H2 FLOW CONTROLS	FLOW VIS FV-2 (RETURN LINE)	1
FIELD MOUNT TRANSMITTER	GF SIGNET	9900 TRANSMITTER	1
CHLORINE PUMP	ROLA CHEM	RC305	1
ACID PUMP	ROLA CHEM	RC303	1

FOR HEALTH DEPARTMENT APPROVAL

3/17/25	PER OCHD 3/10 COMMENT
10/16/24	ORIGINAL PREPARATION DATE
DATE	DESCRIPTION
MOUNTAIN LAKE PARK SWIMMING FACILITY TOWN OF WARWICK ORANGE COUNTY, NEW YORK	
PROJECT TITLE	
SWIMMING POOL #2 MECHANICAL ROOM PLAN & SECTION VIEW	
DRAWING TITLE	
SIGNATURE DATE UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.	
JOHN PETROCCIONE P.E.	
LICENSE NO. 078516	
129 NEPTUNE DRIVE, MONROE, NEW YORK 10950	
(845) 762-7725	
SCALE	PROJECT
1" = 1'	24171.01
NYSDC DWG.NO	OCID DWG.NO
N/A of N/A	2 of 7
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**SWIMMING POOL #1
MECHANICAL ROOM
SECTION VIEW B-B
1" = 1'**

GENERAL NOTES

1. AN ELECTRICAL INTERLOCK SHALL BE PROVIDED FOR THE CHEMICAL PUMPS. THEY SHALL BE HARD WIRED TO THE FLOW SWITCH, WITH A NORMALLY OPEN CONTACT, PROVIDED ON THE POOL RETURN LINE. WHEN INADEQUATE FLOW EXISTS TO CLOSE THE FLOW SWITCH CONTACT, POWER TO THE CHEMICAL PUMPS SHALL BE INTERRUPTED. AN INDICATOR LIGHT, VISIBLE IN THE POOL AREA SHALL BE PROVIDED TO INDICATE THAT EITHER PUMP IS NOT OPERATING. THE LIGHT SHALL BE NORMALLY ON AND TURN OFF WHEN POWER TO THE CHEMICAL PUMPS IS INTERRUPTED.
2. THE POOL'S ELECTRICAL SYSTEM AND ALL OTHER WIRING SHALL CONFORM TO ARTICLE 680 OF THE NATIONAL ELECTRICAL CODE.
3. ALL LIGHTING AND ELECTRICAL CIRCUITS PROVIDED IN THE POOL AREA AND MECHANICAL ROOM ARE TO BE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTERS IN ACCORDANCE WITH THE UNIFORM CODE & THE NATIONAL ELECTRIC CODE. ALL ELECTRICAL FIXTURES SHALL BE U.L. APPROVED.
4. THE POOL BUILDER SHALL PROVIDE A POOL OPERATION MANUAL. INCLUDED SHALL BE INSTRUCTIONS FOR EACH FILTER, PUMP, CHEMICAL FEED EQUIPMENT AND GENERAL OPERATION. DRAWINGS, ILLUSTRATIONS AND PARTS LISTS SHALL BE INCLUDED ALONG WITH INSTRUCTIONS FOR THE OPERATION AND MAINTENANCE OF ALL THE EQUIPMENT. THE MANUAL SHALL BE SUBMITTED TO, AND APPROVED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH.
5. POOL WATER MUST BE HELD FOR TEN DAYS PRIOR TO DISCHARGE TO ALLOW THE CHLORINE TO DISSIPATE. WATER BEING DISCHARGED MUST ALSO BE FREE OF ANY OTHER POLLUTANTS INCLUDING, BUT NOT LIMITED TO SLICIMIDES, BIOCIDES, ALGACIDICIDES, DETERGENTS AND CLEANERS. ALTERNATELY, A DE-CHLOR PRODUCT MAY BE USED AND THE POOL WATER TESTED TO BE CHEMICAL FREE PRIOR TO DISCHARGE. DISCHARGES TO GRADE ARE TO BE NON-EROSIVE.
6. ALL HOSE BIBS IN THE POOL AREA ARE TO BE PROVIDED WITH VACUUM BREAKERS.
7. ALL PIPING IS TO BE SCHEDULE 40 RIGID PVC.
8. THE CONTRACTOR SHALL REVIEW ALL MANUFACTURERS RECOMMENDATIONS AND REQUIREMENTS FOR ALL COMPONENTS TO BE INSTALLED. ANY REQUIREMENTS OR RECOMMENDATIONS REQUIRING DEVIATION FROM THE APPROVED PLANS SHALL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER AND THE DEPARTMENT OF HEALTH.
9. ALL FLOW METERS SHALL BE READ AND THE RESULTS RECORDED ON A DAILY BASIS IN THE MONTHLY OPERATIONS REPORT.

- NOTE:**
- THE CONTRACTOR IS TO VERIFY THE DIMENSIONS OF THE MECHANICAL AREA AND THE PROPOSED EQUIPMENT PRIOR TO INSTALLATION.
 - THE CONTRACTOR SHALL CLEARLY LABEL EACH CHEMICAL CONTAINER IDENTIFYING THE CONTENTS.
 - A SIGN REQUIRING THAT ALL CHEMICALS BE STORED IN CONTAINERS CLEARLY LABELED REGARDING THEIR CONTENTS SHALL BE POSTED IN THE MECHANICAL AREA.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SUPPORTS FOR ALL ELEVATED PIPING.

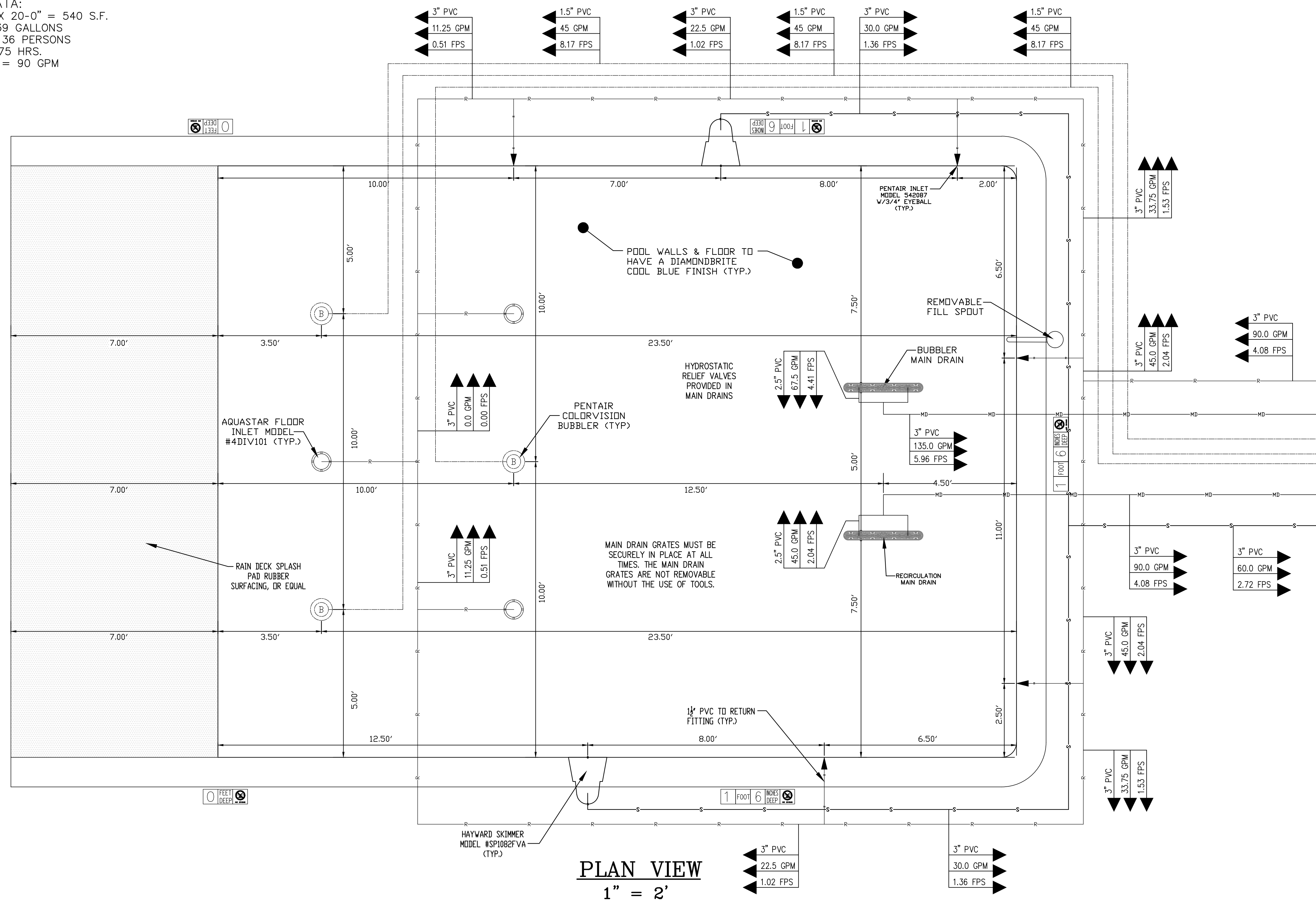
3/17/25	PER OCHD 3/10 COMMENT
10/16/24	ORIGINAL PREPARATION DATE
DATE	DESCRIPTION
MOUNTAIN LAKE PARK SWIMMING FACILITY TOWN OF WARWICK ORANGE COUNTY, NEW YORK	
PROJECT TITLE	
SWIMMING POOL #1 MECHANICAL ROOM PLAN & SECTION VIEW	
DRAWING TITLE	
SIGNATURE DATE	
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.	
JOHN PETROCCIONE P.E. LICENSE NO. 079516 129 NEPTUNE DRIVE, MONROE, NEW YORK 10950 (845) 782-7725	
SCALE 1" = 1'	PROJECT 24171.01
NYSDEC DWG.NO N/A of N/A	CAD REFERENCE MOUNTAIN LAKE PARK
OCHEM DWG.NO 3 of 7	DWG.NO 3 of 7

FOR HEALTH DEPARTMENT APPROVAL

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET LISTED IN THE TITLE BOX UNDER THE HEADING O.C.H.D. SHEET NO. _ OF _ .

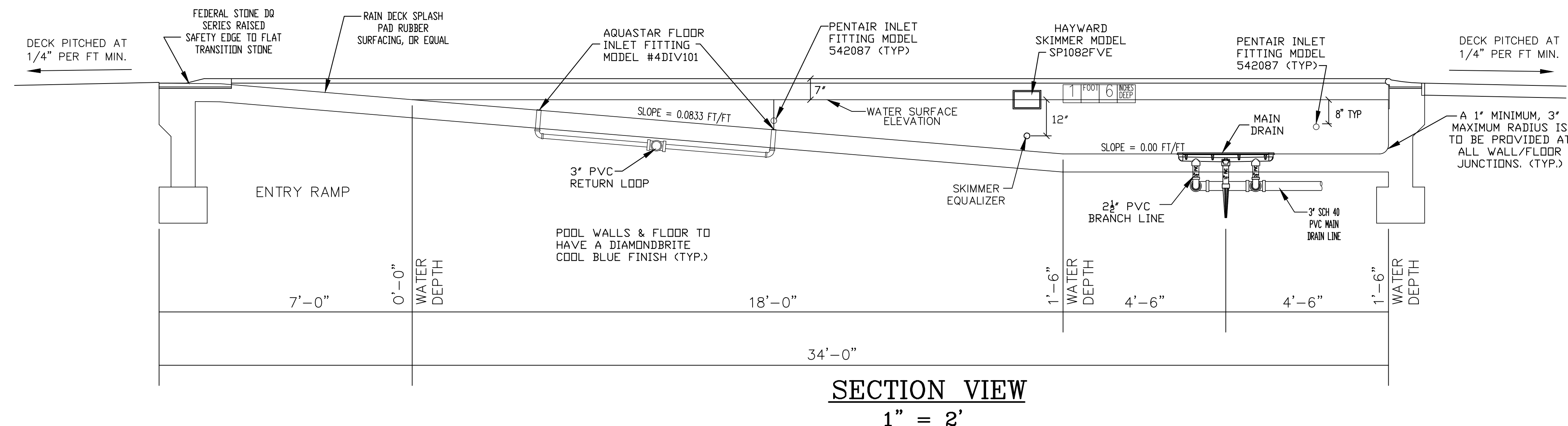
**SWIMMING POOL #1
MECHANICAL ROOM
PLAN VIEW
1" = 1'**

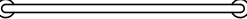
WADING POOL DATA:
 POOL SIZE: 27'-0" X 20'-0" = 540 S.F.
 POOL VOLUME: 4,039 GALLONS
 BATHER CAPACITY: 36 PERSONS
 TURNOVER TIME: 0.75 HRS.
 DESIGN FLOW RATE = 90 GPM



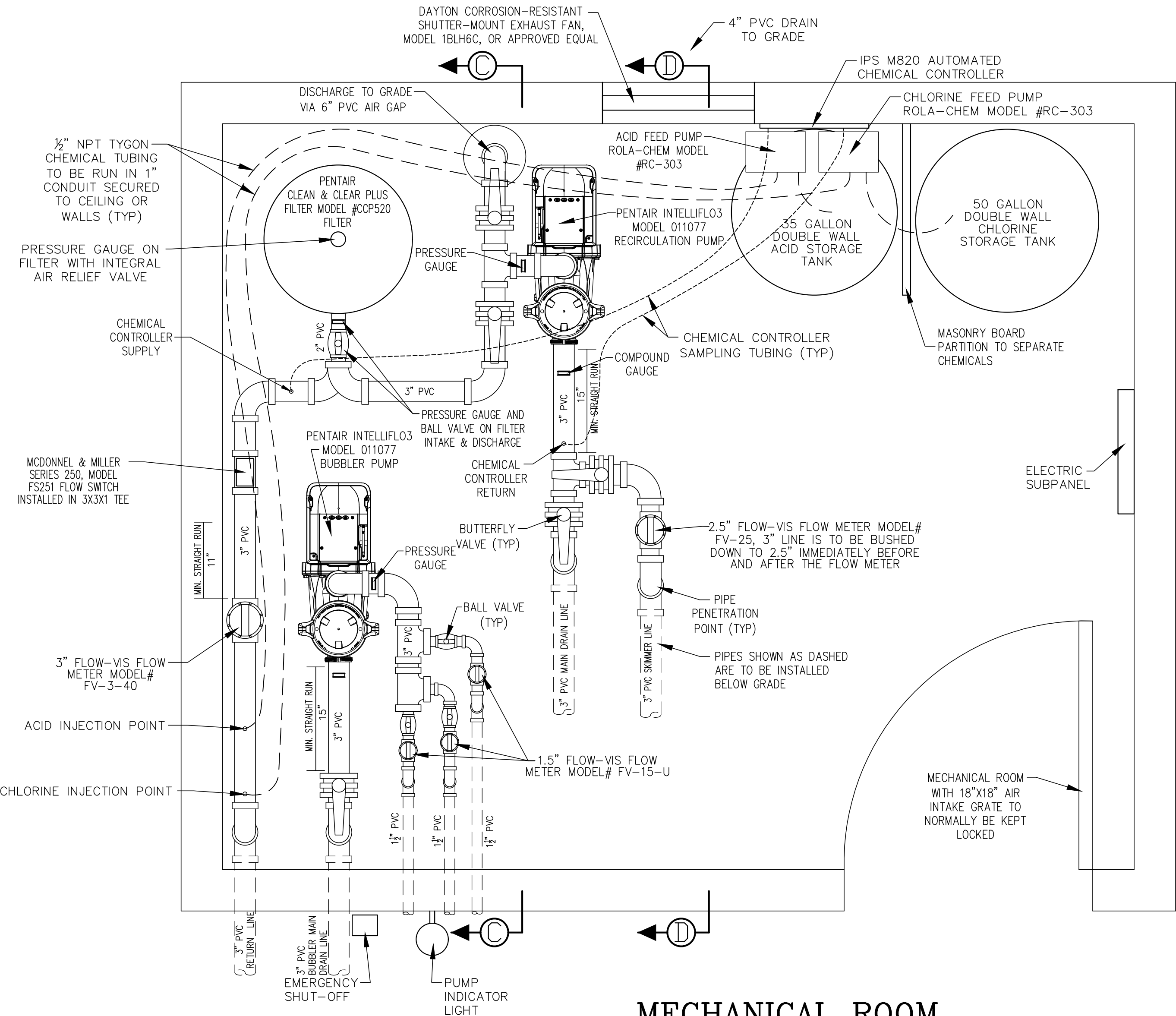
GENERAL NOTES

1. AN ELECTRICAL INTERLOCK SHALL BE PROVIDED FOR THE CHEMICAL PUMPS, THE CHEMICAL PUMPS SHALL HAVE A DEDICATED OUTLET, HARD WIRED TO THE RECIRCULATION PUMP FOR THE POOL WHICH THEY SERVE, SUCH THAT IF THE RECIRCULATION PUMP IS NOT ENERGIZED, THE CHEMICAL PUMPS CAN NOT OPERATE. THE ELECTRICAL INTERLOCK SHALL ALSO INCLUDE A FLOW SWITCH, INSTALLED AS SHOWN, WHICH SHALL BE ELECTRICALLY CONNECTED, SO AS INTERRUPT POWER TO THE CHEMICAL PUMP OUTLET & PUMP INDICATOR LIGHT. THE PUMP INDICATOR LIGHT IS TO BE INSTALLED ON THE EXTERIOR OF THE MECHANICAL AREA, SO AS TO BE CLEARLY VISIBLE FROM THE POOL AREA AND SHALL NORMALLY BE ON. THE LIGHT IS TO TURN OFF IF THE RECIRCULATION PUMP IS NOT OPERATING.
2. THE POOL'S ELECTRICAL SYSTEM AND ALL OTHER WIRING SHALL CONFORM TO ARTICLE 680 OF THE NATIONAL ELECTRICAL CODE.
3. ALL LIGHTING AND ELECTRICAL CIRCUITS PROVIDED IN THE POOL AREA AND MECHANICAL AREA ARE TO BE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTERS IN ACCORDANCE WITH THE UNIFORM CODE & THE NATIONAL ELECTRIC CODE. ALL ELECTRICAL FIXTURES SHALL BE U.L. APPROVED.
4. A CERTIFICATE OF COMPLIANCE WITH THE NATIONAL ELECTRIC CODE SHALL BE COMPLETED BY A CERTIFIED ELECTRICAL INSPECTOR AND SUBMITTED TO THE NEW YORK STATE DEPARTMENT OF HEALTH, MIDDLETOWN DISTRICT OFFICE FOR ALL ELECTRICAL WORK RELATED TO THE SWIMMING POOLS.
5. THERE SHALL BE NO OVERHEAD ELECTRIC LINES WITHIN 20' HORIZONTALLY OF THE PROPOSED SWIMMING POOLS.
6. THERE IS TO BE NO FOOD CONCESSION AT THE POOL.
7. A POOL WATER TEST KIT SHALL BE AVAILABLE AT THE POOL AT ALL TIMES. THE TEST KIT SHALL BE A DPD TEST KIT WITH REAGENTS NO MORE THAN ONE YEAR OLD AND SHALL BE, AT A MINIMUM, CAPABLE OF MEASURING THE FOLLOWING:
 - pH WITHIN A RANGE OF 6.6 TO 8.2
 - ALKALINITY/HARDNESS WITHIN A RANGE OF 20 mg/L TO 200 mg/L
 - CHLORINE RESIDUAL WITHIN A RANGE OF 0.2 mg/L TO 10.0 mg/L
 - pH RESULTS MUST BE ACCURATE TO WITHIN 0.2, AND CHLORINE MUST HAVE AT LEAST THESE INCREMENTS: 0.2, 0.4, 0.6, 0.8, 1.0, 1.5, 2.0, AND 3.0.
8. TESTS SHALL BE CONDUCTED AND RECORDED FOR pH AND FREE AND TOTAL CHLORINE AT THE BEGINNING, DURING AND AT THE END OF EACH SWIMMING PERIOD.
9. OPERATION AND MAINTENANCE OF POOLS IS TO BE IN ACCORDANCE WITH THE STATE SANITARY CODE, CHAPTER 1, SUBPART 6-1, "SWIMMING POOLS". IF THE OWNER AND/OR OPERATOR IS UNFAMILIAR WITH THE REQUIREMENTS OF THIS CODE IT SHALL BE THEIR RESPONSIBILITY TO OBTAIN THE MOST RECENT COPY OF THIS CODE TO ENSURE COMPLIANCE.
10. SIGNAGE IN THE POOL AREA IS TO BE IN ACCORDANCE WITH THE STATE SANITARY CODE, CHAPTER 1, SUBPART 6-1, "SWIMMING POOLS". IF THE OWNER AND/OR OPERATOR IS UNFAMILIAR WITH THE REQUIREMENTS OF THIS CODE IT SHALL BE THEIR RESPONSIBILITY TO OBTAIN THE MOST RECENT COPY OF THIS CODE TO ENSURE COMPLIANCE.
11. POOL WATER MUST BE HELD FOR TEN DAYS PRIOR TO DISCHARGE TO ALLOW THE CHLORINE TO DISSIPATE. WATER BEING DISCHARGED MUST ALSO BE FREE OF ANY OTHER POLLUTANTS INCLUDING, BUT NOT LIMITED TO SLUDGICES, BIOCIDES, ALGACIDES, DETERGENTS AND CLEANERS. ALTERNATELY, SODIUM THIOSULFATE DE-CHLORINATION TABLETS MAY BE PLACED IN THE SKIMMERS WITH THE RECIRCULATION PUMPS RUNNING, UNTIL THE CHLORINE RESIDUAL IS DETERMINED BY TESTING TO BE BELOW 0.5 PPM. DISCHARGES TO GRADE ARE TO BE NON-DESTRUCTIVE.
12. ALL HOSE BIBS IN THE POOL AREA ARE TO BE PROVIDED WITH VACUUM BREAKERS.
13. A 5' MINIMUM IMPERVIOUS DECK IS PROPOSED AROUND THE POOL. A MINIMUM OF 5' CLEAR WIDTH SHALL BE MAINTAINED AROUND THE POOL AT ALL TIMES.
14. THE PROPOSED CONCRETE DECK IS TO BE CONSTRUCTED WITH A MINIMUM PITCH OF 1/4" PER FOOT AWAY FROM THE POOL.
15. ALL PIPING IS TO BE SCHEDULE 40 RIGID PVC.
16. ALL PIPING IS TO BE INSTALLED WITH AN UNINTERRUPTED POSITIVE SLOPE FROM THE POOL TO THE MECHANICAL AREA TO AID IN WINTERIZATION.
17. THE CONTRACTOR SHALL REVIEW ALL MANUFACTURERS RECOMMENDATIONS AND REQUIREMENTS FOR ALL COMPONENTS TO BE INSTALLED. ANY REQUIREMENTS OR RECOMMENDATIONS REQUIRING DEVIATION FROM THE APPROVED PLANS SHALL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER AND THE DEPARTMENT OF HEALTH.
18. PORTABLE HAYWARD VACUUM CLEANER WITH A 1 1/2" DIAMETER, 50' LONG HOSE SHALL BE MAINTAINED AT THE POOL FACILITY.
19. A COMMERCIALLY PREPARED 24 UNIT FIRST AID KIT OR A SUPPLY OF BAND AIDS, BANDAGE COMPRESSES AND SELF ADHERING GAUZE BANDAGES; AND A POCKET FACE MASK TO ASSIST WITH CPR SHALL BE AVAILABLE AT THE POOL AT ALL TIMES.
20. THE FOLLOWING LIFESAVING EQUIPMENT SHALL BE AVAILABLE AND ACCESSIBLE AT EACH POOL AT ALL TIMES:
 - 1 REACHING POLE (15' LONG MIN)
 - 1 POCKET MASK
 - 2 18 INCH DIAMETER RING BUOYS WITH A QUARTER-INCH DIAMETER LINE AT LEAST 30 FEET LONG
 - 1 SPINE BOARD (6' LONG MIN. & 16" WIDE MIN.)
21. THE POOL SHALL BE EQUIPPED WITH AN APPROVED POOL ALARM WHICH:
 - 1 IS CAPABLE OF DETECTING A CHILD ENTERING THE WATER AND GIVING AN AUDIBLE ALARM WHEN IT DETECTS A CHILD ENTERING THE WATER.
 - 2 IS AUDIBLE POOLSIDE AND AT ANOTHER LOCATION ON THE PREMISES WHERE THE SWIMMING POOL IS LOCATED;
 - 3 IS INSTALLED, USED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS;
 - 4 IS CLASSIFIED BY UNDERWRITERS LABORATORY, INC. (OR OTHER APPROVED INDEPENDENT TESTING LABORATORY) TO: REFERENCE STANDARD ASTM F2208, ENTITLED "STANDARD SPECIFICATION FOR POOL ALARMS," AS ADOPTED IN 2002 AND EDITORIALY CORRECTED IN JUNE 2005, PUBLISHED BY ASTM INTERNATIONAL, 100 BARR HARBOR DRIVE, WEST CONSHOHOCKEN, PA 19380.
 - 5 IS NOT AN ALARM DEVICE WHICH IS LOCATED ON PERSON(S) OR WHICH IS DEPENDENT ON DEVICE(S) SURFACED ON PERSON(S) FOR ITS PROPER OPERATION.
22. THE POOL ALARM MUST BE CAPABLE OF DETECTING ENTRY INTO THE WATER AT ANY POINT ON THE SURFACE OF THE SWIMMING POOL. IF NECESSARY TO PROVIDE DETECTION CAPABILITY AT EVERY POINT ON THE SURFACE OF THE SWIMMING POOL, MORE THAN ONE POOL ALARM SHALL BE INSTALLED.

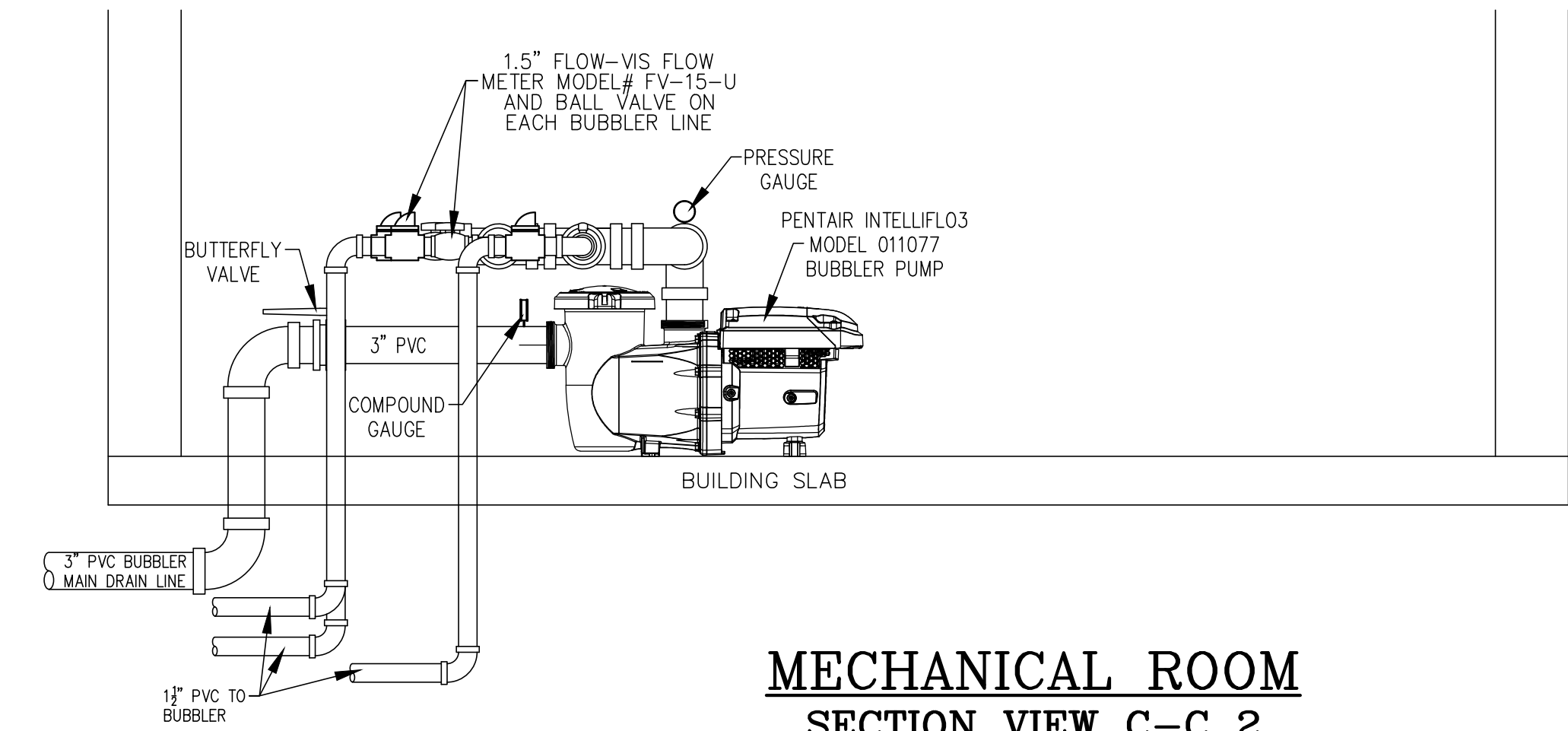


LEGEND		
	CERAMIC TILE DEPTH MARKER	 SKIMMER LINE
	CERAMIC TILE NO DIVING MARKER	 SKIMMER
	STAINLESS STEEL HANDRAIL	 MAIN DRAIN LINE
	STAINLESS STEEL LADDER	 MAIN DRAIN SUMP & GRATE
	PVC FILL SPOUT	 RETURN LINE
	CERAMIC TILE STRIPE (DARK, CONTRASTING COLOR)	 RETURN INLET FITTING
	PIPE SIZE	 RECIRCULATION FLOOR INLET
	FLOW RATE	 BUBBLER FEATURE
	VELOCITY	

3/17/25	PER OCHD 3/10 COMMENT
11/12/24	POOL DIMENSIONS
10/16/24	ORIGINAL PREPARATION DATE
DATE	DESCRIPTION
MOUNTAIN LAKE PARK SWIMMING FACILITY TOWN OF WARWICK ORANGE COUNTY, NEW YORK	
PROJECT TITLE	
PROPOSED WADING POOL	
DRAWING TITLE	
SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW	
SIGNATURE DATE UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209 SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.	
JOHN PETROCCHIONE P.E. LICENSE NO. 078516 129 NEPTUNE DRIVE, MONROE, NEW YORK 10950 (845) 782-7725	
SCALE	PROJECT
1" = 2'	24171.01
NYSDEC DWG.NO	POCHD DWG.NO
N/A of N/A	4 of 7
CAD REFERENCE	
MOUNTAIN LAKE PARK	
DWG.NO	
4 of 7	

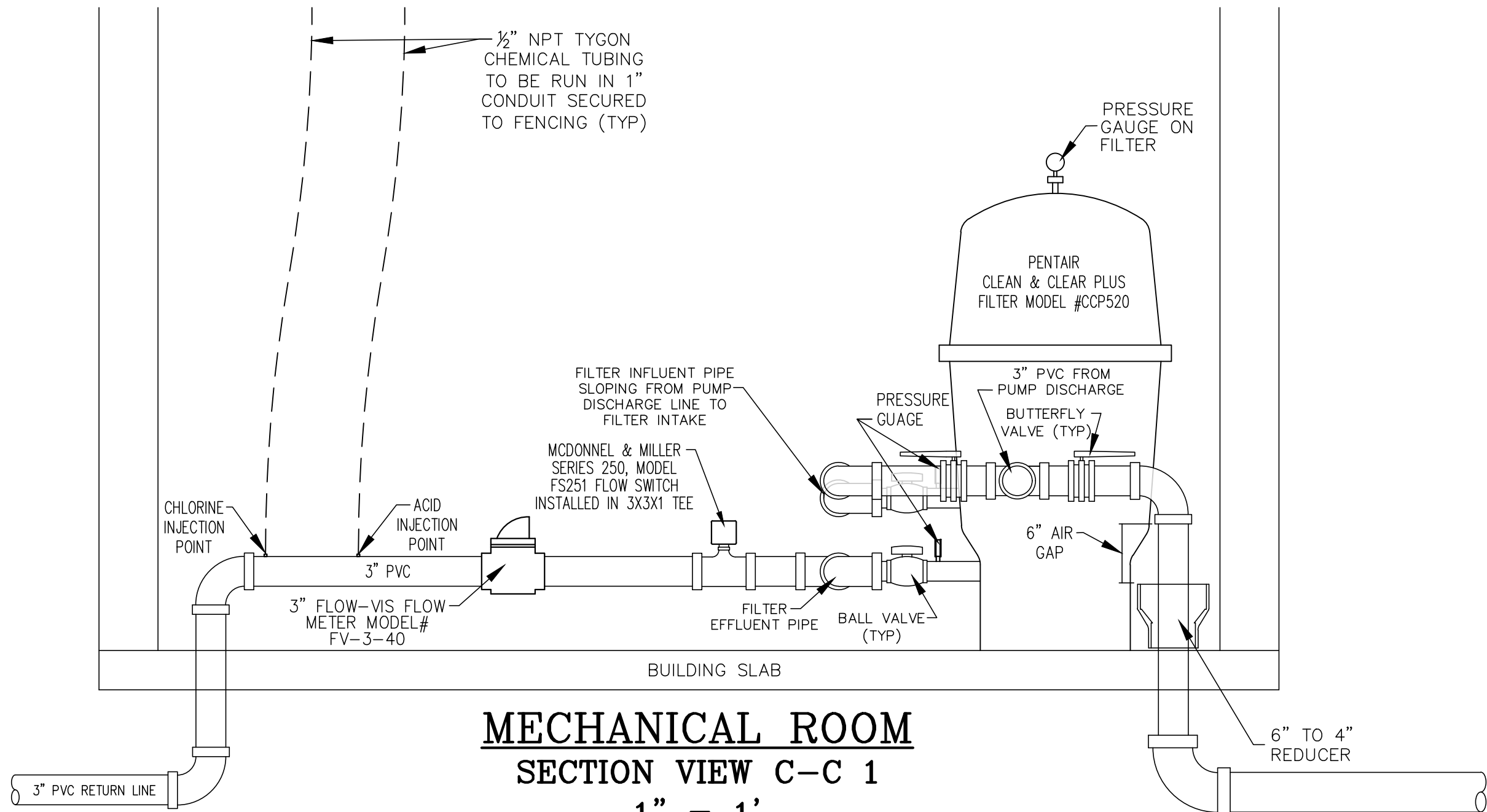


COLOR CODING: ALL EXPOSED PIPING SHOULD BE COLOR CODED IN ACCORDANCE WITH THE FOLLOWING TABLE:			
PIPING	COLOR CODE	WASTE LINES	COLOR CODE
POTABLE WATER LINES	DARK BLUE	BACKWASH WASTE	DARK BROWN
FILTERED WATER	AQUA	SEWER (SEWER OR OTHER)	DARK GRAY
SKIMMER OR GUTTER RETURN	OLIVE GREEN	DECK DRAINS	LIGHT BROWN
MAIN DRAIN	BLACK		
ALUM	ORANGE	COMPRESSED AIR	DARK GREEN
CHLORINE (GAS/SOLUTION)	YELLOW	GAS	RED
SODA ASH	WHITE		
ACID	PINK		



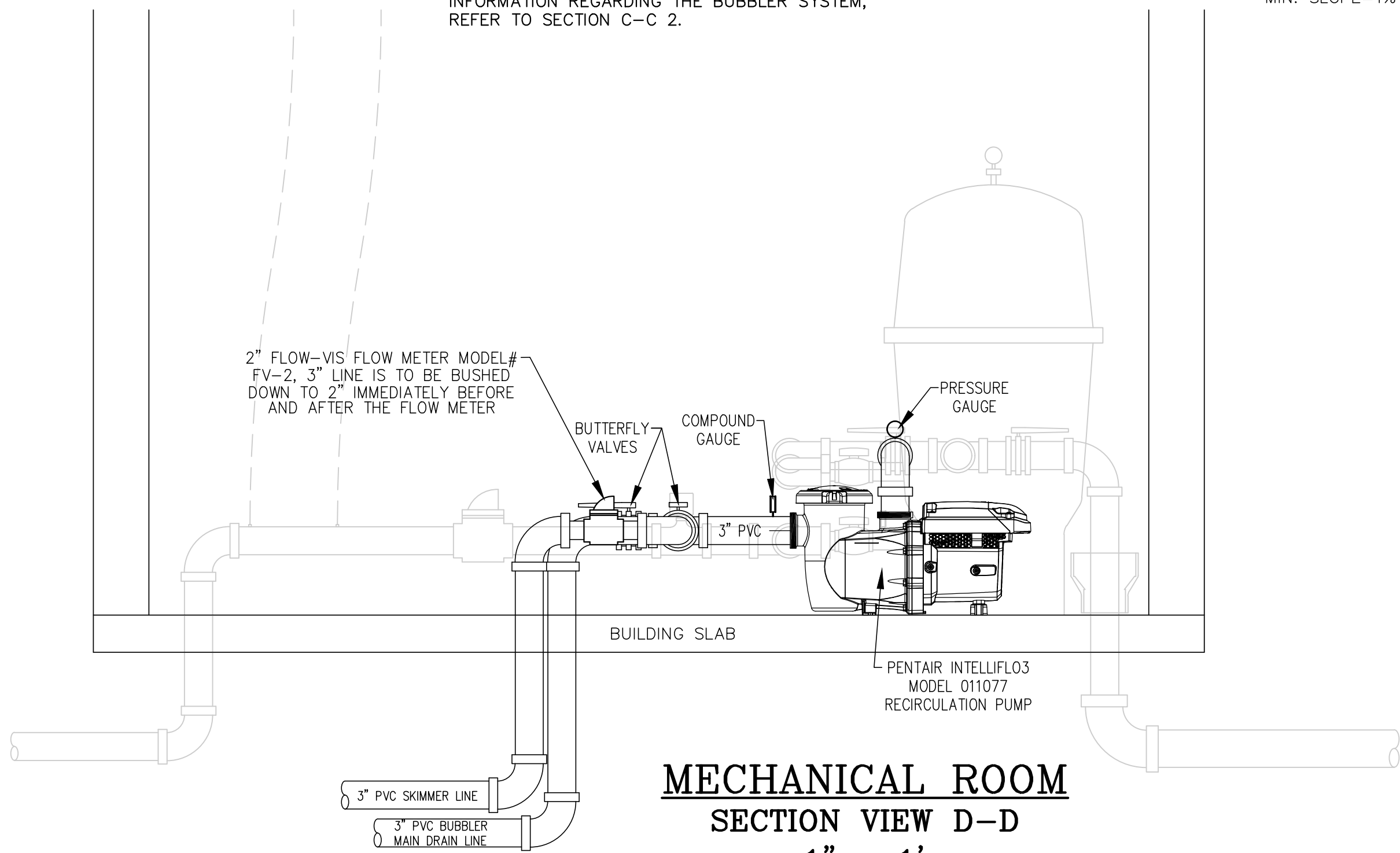
MECHANICAL ROOM SECTION VIEW C-C 2

1" = 1'
THE RECIRCULATION SYSTEM HAS BEEN OMITTED FROM SECTION VIEW C-C 2 FOR CLARITY. FOR DESIGN INFORMATION REGARDING THE RECIRCULATION SYSTEM, REFER TO SECTION C-C 1.



MECHANICAL ROOM SECTION VIEW C-C 1

1" = 1'
THE BUBBLER SYSTEM HAS BEEN OMITTED FROM SECTION VIEW C-C 1 FOR CLARITY. FOR DESIGN INFORMATION REGARDING THE BUBBLER SYSTEM, REFER TO SECTION C-C 2.



MECHANICAL ROOM SECTION VIEW D-D

1" = 1'
THE BUBBLER SYSTEM HAS BEEN OMITTED FROM SECTION VIEW D-D FOR CLARITY. FOR DESIGN INFORMATION REGARDING THE BUBBLER SYSTEM, REFER TO SECTION C-C 2.

WADING POOL RECIRCULATION SYSTEM EQUIPMENT LIST

ITEM	MANUFACTURER	MODEL	QUANTITY
PUMP	PENTAIR	INTELLIFLO3. MODEL 011077	1
FILTER	PENTAIR	CCP520	1
FLOW METER	H2 FLOW CONTROLS	FLOW VIS FV-3-40 (RETURN LINE)	1
FLOW METER	H2 FLOW CONTROLS	FLOW VIS FV-25 (SKIMMER LINE)	1
CHLORINE PUMP	ROLA CHEM	RC303	1
ACID PUMP	ROLA CHEM	RC303	1
MAIN DRAIN GRATE	AQUASTAR	32CDFL101 (UNBLOCKABLE)	1
SKIMMER	AQUASTAR	SP1082FVE	2
FLOOR INLET FITTING	AQUASTAR	4DIV101	3
RETURN FITTING	PENTAIR	542087, WITH 3/4" EYEBALL	5

WADING POOL BUBBLER SYSTEM EQUIPMENT LIST

ITEM	MANUFACTURER	MODEL	QUANTITY
PUMP	PENTAIR	INTELLIFLO3. MODEL 011077	1
FLOW METER	H2 FLOW CONTROLS	FLOW VIS FV-15-U	3
MAIN DRAIN GRATE	AQUASTAR	32CDFL101 (UNBLOCKABLE)	1
BUBBLER FOUNTAIN	PENTAIR	COLORVISION BUBBLER, MODEL 580037	3

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 6. ALL HOSE BIBS IN THE POOL AREA ARE TO BE PROVIDED WITH VACUUM BREAKERS.
 7. ALL PIPING IS TO BE SCHEDULE 40 RIGID PVC.
 8. THE CONTRACTOR SHALL REVIEW ALL MANUFACTURERS RECOMMENDATIONS AND REQUIREMENTS FOR ALL COMPONENTS TO BE INSTALLED. ANY REQUIREMENTS OR RECOMMENDATIONS REQUIRING DEVIATION FROM THE APPROVED PLANS SHALL REQUIRE PRIOR APPROVAL BY THE DESIGN ENGINEER AND THE DEPARTMENT OF HEALTH.
 9. ALL FLOW METERS SHALL BE READ AND THE RESULTS RECORDED ON A DAILY BASIS IN THE MONTHLY OPERATIONS REPORT.
 10. THE MECHANICAL ROOM IS TO BE PROVIDED WITH LIGHTING ADEQUATE TO CLEARLY ILLUMINATE ALL PORTIONS OF THE ENCLOSED SPACE AND THE MECHANICAL EQUIPMENT.
 11. THE PROPOSED EXHAUST FAN WILL PROVED IN EXCESS OF THE CODE REQUIRED 2 AIR CHANGES PER HOUR FOR THE MECHANICAL ROOM.

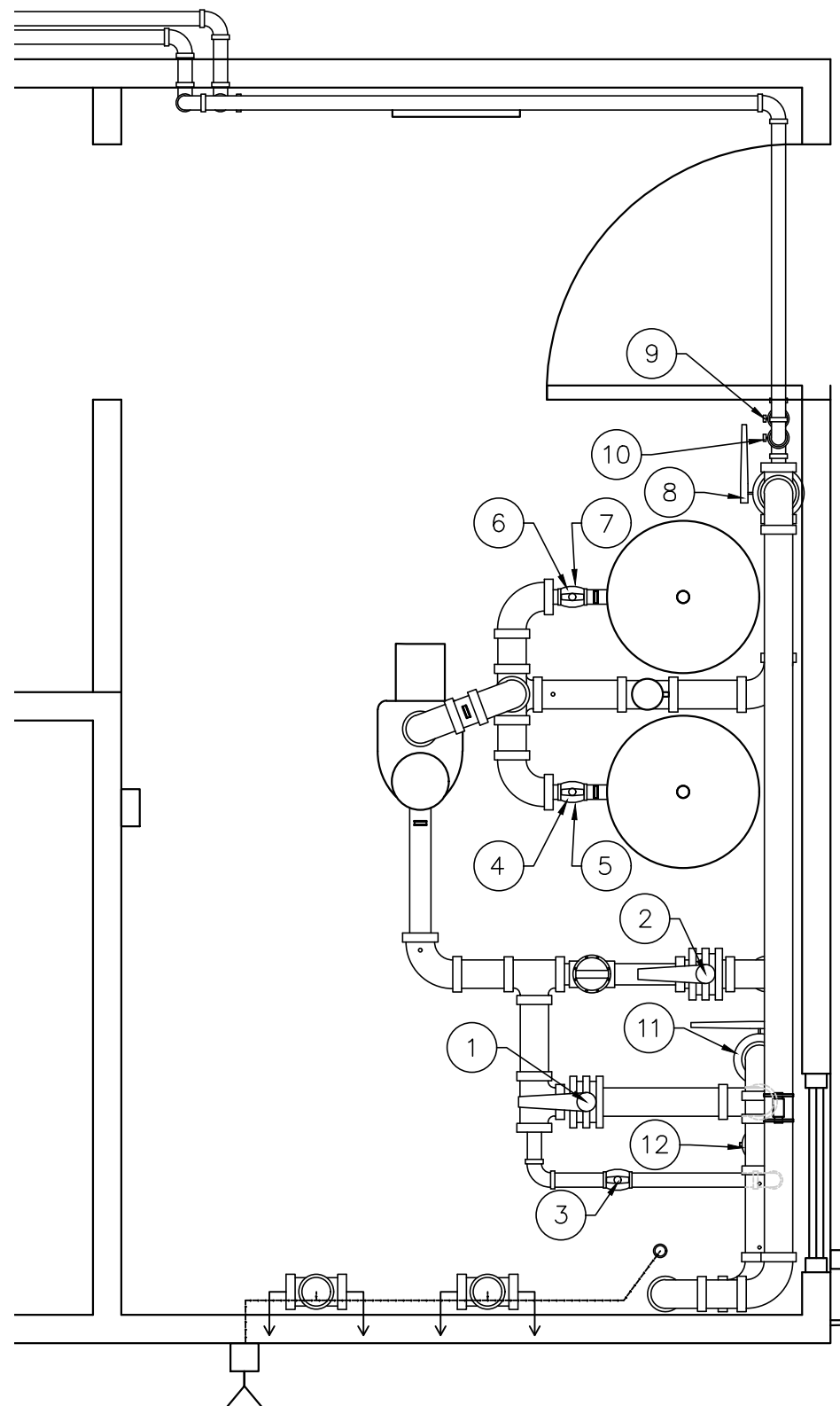
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FOR HEALTH DEPARTMENT APPROVAL

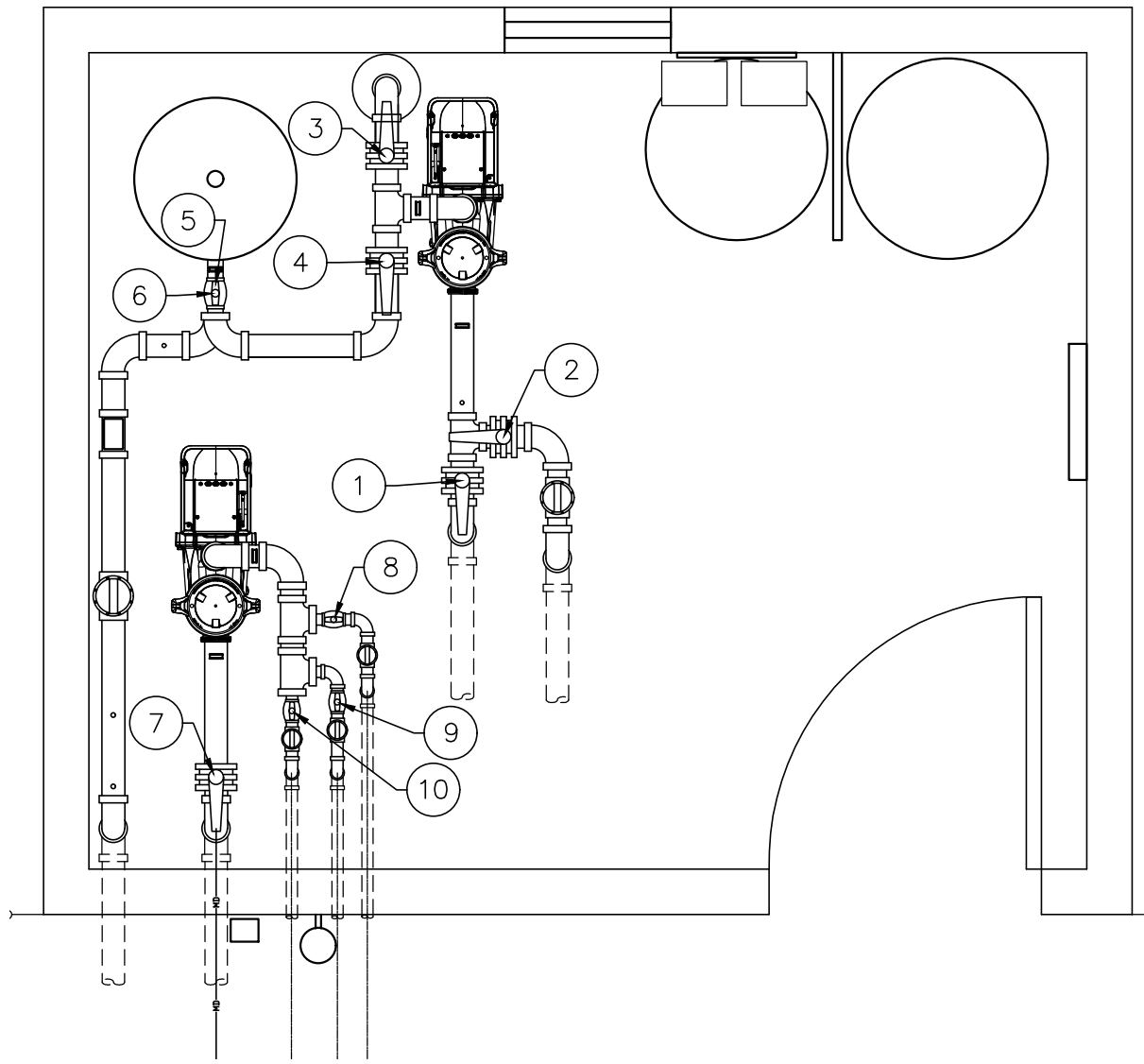
3/17/25	PER OCHD 3/10 COMMENT
10/16/24	ORIGINAL PREPARATION DATE
DATE	DESCRIPTION
MOUNTAIN LAKE PARK SWIMMING FACILITY TOWN OF WARWICK ORANGE COUNTY, NEW YORK	
PROJECT TITLE	
WADING POOL MECHANICAL ROOM PLAN & SECTION VIEWS	
DRAWING TITLE	
SIGNATURE DATE UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.	
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N/A of N/A	5 of 7
CAD REFERENCE	
MOUNTAIN LAKE PARK	
DWG.NO	
5 of 7	

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SWIMMING POOL #1
MECHANICAL ROOM
VALVE DIAGRAM
N.T.S.



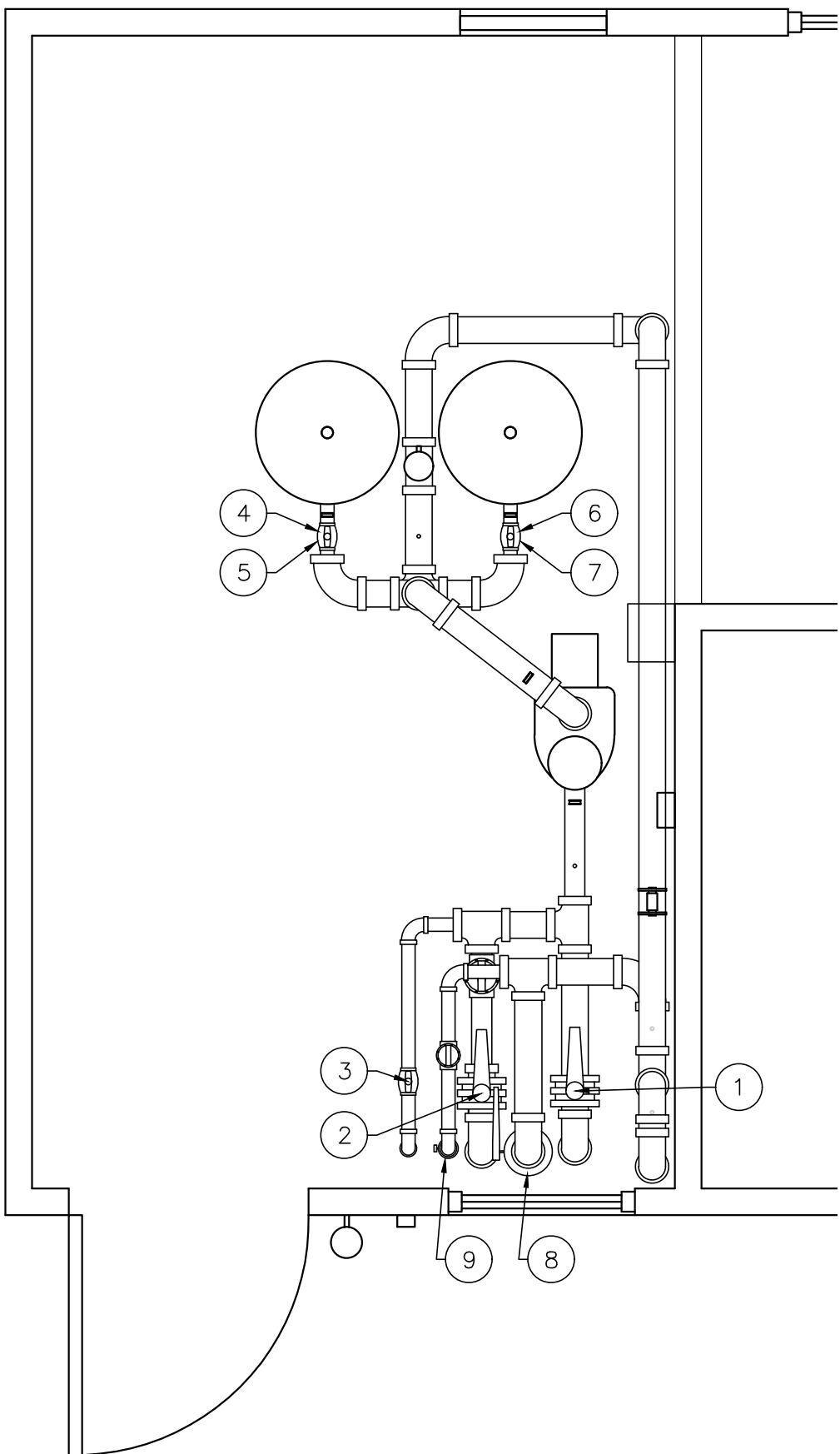
WADING POOL
MECHANICAL ROOM
VALVE DIAGRAM
N.T.S.

VALVE SCHEDULE – SWIMMING POOL #1 SYSTEM
SYSTEM DESIGN FLOW = 172 GPM

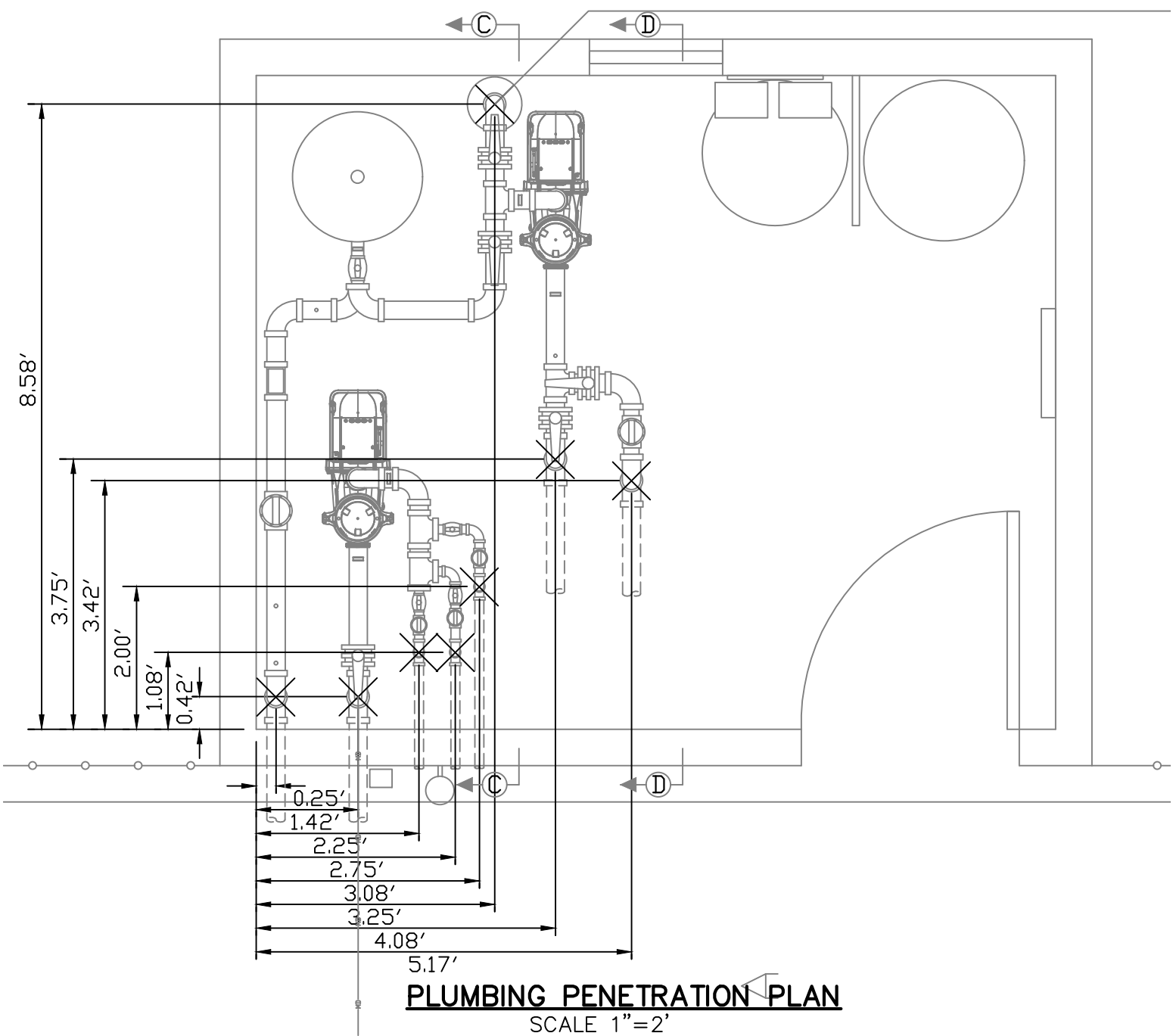
VALVE #	DESCRIPTION	SIZE	OPERATION			
			NORMAL USE		DIS-CHARGE	
			O	C	O	C
1	MAIN DRAIN	4"	T		T	
2	SKIMMER	4"	•		*	*
3	VACUUM	2"			•	•
4	FILTER ISOLATION	2"	•		•	
5	FILTER ISOLATION	2"	•		•	
6	FILTER ISOLATION	2"	•		•	
7	FILTER ISOLATION	2"	•		•	
8	HEATER THROTTLE	4"	T		•	
9	HEATER INTAKE	2"	•			•
10	HEATER DISCHARGE	2"	•			•
11	RETURN ISOLATION	4"	•		•	
12	RETURN ISOLATION	2"	•		•	

THIS VALVE SCHEDULE IS BASED UPON AN AS-BUILT FINAL
INSPECTION PERFORMED ON _____
• DENOTES VALVE POSITION
T DENOTES VALVE TO BE THROTTLED
* SKIMMER VALVE MAY BE KEPT OPEN DURING DRAINING
OPERATIONS OF UP TO 12" BELOW OPERATING LEVEL. FOR
DRAINING BELOW THIS LEVEL, SKIMMER VALVE SHALL BE CLOSED.

SWIMMING POOL #1 POOL
VALVE SCHEDULE



SWIMMING POOL #2
MECHANICAL ROOM
VALVE DIAGRAM
N.T.S.



PLUMBING PENETRATION PLAN
SCALE 1"=2'

VALVE SCHEDULE – SWIMMING POOL #2 SYSTEM
SYSTEM DESIGN FLOW = 172 GPM

VALVE #	DESCRIPTION	SIZE	OPERATION			
			NORMAL USE		DIS-CHARGE	
			O	C	O	C
1	MAIN DRAIN	4"	T		T	
2	SKIMMER	4"	•		*	*
3	VACUUM	2"			•	•
4	FILTER ISOLATION	2"	•		•	
5	FILTER ISOLATION	2"	•		•	
6	FILTER ISOLATION	2"	•		•	
7	FILTER ISOLATION	2"	•		•	
8	RETURN ISOLATION	4"	•		•	
9	RETURN ISOLATION	2"	•		•	

THIS VALVE SCHEDULE IS BASED UPON AN AS-BUILT FINAL
INSPECTION PERFORMED ON _____
• DENOTES VALVE POSITION
T DENOTES VALVE TO BE THROTTLED
* SKIMMER VALVE MAY BE KEPT OPEN DURING DRAINING
OPERATIONS OF UP TO 12" BELOW OPERATING LEVEL. FOR
DRAINING BELOW THIS LEVEL, SKIMMER VALVE SHALL BE CLOSED.

SWIMMING POOL #2 POOL
VALVE SCHEDULE

VALVE SCHEDULE
WADING POOL RECIRCULATION SYSTEM
SYSTEM DESIGN FLOW = 90 GPM

VALVE #	DESCRIPTION	SIZE	OPERATION			
			NORMAL USE		DIS-CHARGE	
			O	C	O	C
1	MAIN DRAIN	3"	T		T	
2	SKIMMER	3"	•		*	*
3	DISCHARGE	3"			•	•
4	PUMP DISCHARGE	3"	•			•
5	FILTER ISOLATION	2"	•		•	
6	FILTER ISOLATION	2"	•		•	

THIS VALVE SCHEDULE IS BASED UPON AN AS-BUILT FINAL
INSPECTION PERFORMED ON _____
• DENOTES VALVE POSITION
T DENOTES VALVE TO BE THROTTLED
* SKIMMER VALVE MAY BE KEPT OPEN DURING DRAINING
OPERATIONS OF UP TO 12" BELOW OPERATING LEVEL. FOR
DRAINING BELOW THIS LEVEL, SKIMMER VALVE SHALL BE CLOSED.

VALVE SCHEDULE
WADING POOL BUBBLER SYSTEM
SYSTEM DESIGN FLOW = 135 GPM

VALVE #	DESCRIPTION	SIZE	OPERATION	
			NORMAL USE	
			O	C
7	MAIN DRAIN	3"	•	
8	BUBBLER ISOLATION	1½"	T	
9	BUBBLER ISOLATION	1½"	T	•
10	BUBBLER ISOLATION	1½"	T	

THIS VALVE SCHEDULE IS BASED UPON AN AS-BUILT FINAL
INSPECTION PERFORMED ON _____
• DENOTES VALVE POSITION
T DENOTES VALVE TO BE THROTTLED

WADING POOL
VALVE SCHEDULE

FOR HEALTH DEPARTMENT APPROVAL

THIS SHEET IS INCOMPLETE AND INVALID WITHOUT EACH AND EVERY OTHER SHEET
LISTED IN THE TITLE BOX UNDER THE HEADING O.C.H.D. SHEET NO. _ OF _ .

3/17/25	PER OCHD 3/10 COMMENT
10/16/24	ORIGINAL PREPARATION DATE
DATE	DESCRIPTION
MOUNTAIN LAKE PARK SWIMMING FACILITY TOWN OF WARWICK ORANGE COUNTY, NEW YORK PROJECT TITLE	
MECHANICAL ROOM VALVE DIAGRAM DRAWING TITLE	
SIGNATURE _____ DATE _____ UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.	
JOHN PETROCCIONE P.E. LICENSE NO. 079516 129 NEPTUNE DRIVE, MONROE, NEW YORK 10950 (845) 782-7725	
SCALE AS NOTED	PROJECT 24171.01
NYSDEC DWG.NO N/A of N/A	CAD REFERENCE MOUNTAIN LAKE PARK DWG.NO 7 of 7