ZONING COMMISSION

Town of New Fairfield 203-312-5646 Fax 203-312-3508

SPECIAL PERMIT APPLICATION

A	Application Number				
Please type or print:	Map:	19 Block:	<u>15</u> Lot:	18.1/18.1A	
Date: <u>5/15/2020</u>					
Applicant: Snyder Civil Engineering, LLC (Attn: Zac	chary Kuegle	<u>r)</u>			
Mailing Address: 150 Marlborough Street, Portland,	CT 06480				
Project Address: <u>00 Heron View Road, New Fairfield</u>	i, CT 06812				
Phone No: (860) 342-1370					
Owner (s) of Record: Aquarion Water Company of C	T (Attn: Phat	t Phung)			
Address: 600 Lindley Street, Bridgeport, CT 06606					
Phone No: (203) 448-9457					
Application is hereby made for Special Permit per sets) of the Zoning Regulations:	ection 8.2 pu	rsuant to the	ne follow	ving section	

For the following purpose: Aquarion Water Company proposes to construct a 12' x 11' addition to the existing well station at the site to house the proposed upgraded treatment system to better serve the community. The building will be completely buried below grade. Please refer to the attached site plan for additional information.

In compliance with the requirements of the Zoning Regulations, I am hereby submitting the fee, plans, documents and additional information as required.

- (X) Fee of \$460.00* as specified in Section 10.1.2C (\$200.00 application, \$60.00 State Surcharge and \$200.00 Two Legal Notice for Public Hearing and Results of Application Advertised in News Paper).
- (X) Letter of authorization from property owner stating an agent may apply for permit. Signature on letter must be original not copied, facsimile or e-mail.

Zoning Special Permit Application

- (X) Ten (10) copies of site plans including a <u>A-2 SURVEY by a CT Land surveyor with existing and proposed percentage of impervious surfaces</u> together with existing proposed site improvements including building, parking landscaping access & egress and **proposed signage.** A-2 survey shall be drawn at a scale of at least 1" = 50', and shall be on sheets either 36" x 24", 18" x 12" or 18" x 24" (Check regulations for further details).
- (N/A) Ten (10) copies of a narrative report prepared by a Connecticut licensed engineer as required in Section 6.7 Storm Water Management Plan.
- (N/A) Report from Health Department on adequacy of sewage disposal system and water supply. **Applicant to write letter requesting such report.** Complete description of project to be included.
- (X) Proposed use(s) written statement describing in <u>detail</u> proposed use(s).
- (N/A) Traffic Study Ten (10) copies if development anticipates the generation of more than one hundred (100) vehicular trips per day.
- (N/A) Report (s) from other Town Agencies (if required) as follows:

() Fire Marshal	() Town Engineer
() Inland Wetland Commission	() CT Department of Transportation
() Zoning Enforcement Officer	() Water Supply Committee
() Other Agency (please specify)	
() Copy of additional information as	follows:

Applicant to write letter requesting such report. Complete description of project to be included.

(X) Attach a list with the names and addresses of all adjacent property owners including those across any adjacent roadways. Submit proof that all such neighbors have been notified of this proposed activity. These letters shall be sent **CERTIFIED MAIL with RETURN RECEIPT**. Both certified mail receipt and return receipt shall be submitted to the Commission either before or at the time of Public Hearing.

5/15/2020

Signature of owner (date)

5/15/2020

Signature of Applicant (date)

^{*}Fee does not include Zoning Permit Fee (issued by Zoning Enforcement Officer, if required.

For Office Use Only

() This Application Complie regulations.	s () Doe	s Not Comply with the requirements of the zoning
Application Complete:	Yes	No
Review by Zoning Enforceme	nt Officer	Date
Date of Receipt by Zoning Co	mmission:	
Date of Scheduled Public Hea	ring:	
Date of Commission Action:		Legal Notice Published
() Application Approved	() Applicati	on Denied
() Application Approved & M	lodified	
Conditions:		



May 15, 2020

Town of New Fairfield Zonning Commission 4 Brush Hill Road. New Fairfield, CT 06812

Re: Special Permit Application for the Dunham Pond Water System New Fairfield, CT

To whom it may concern:

Aquarion Water Company of Connecticut authorizes Snyder Civil Engineering, LLC as our agent for permitting for the Dunham Pond Water System Chlorination Project located at 00 Heron View Road.

If you have any questions, please contact me at (203) 448-9457 or pphung@aquarionwater.com Sincerely,

Phat Phung, Engineer Engineering and Planning (203) 337-5957

pphung@aquarionwater.com

Town of New Fairfield Zonning Commission 4 Brush Hill Road. New Fairfield, CT 06812

Re: Special Permit Application for the Dunham Pond Water System

New Fairfield, CT

To whom it may concern:

The Dunham Pond Condominium Association authorizes Aquarion Water Company of Connecticut and Snyder Civil Engineering, LLC as our agent for permitting for the Dunham Pond Water System Chlorination Project located at 00 Heron View Road.

If you have any questions, please contact me at 203-790-6888 ext. 694 or rdelavega@scalzoproperty.com

Sincerely,

Robert Delawega, CMCA Community Association Manager Scalzo Property Management, Inc. 2 Stony Hill Road, Suite 201 Bethel, CT 06801 203-790-6888 ext.694 203-790-9390 fax

rdelavega@scalzoproperty.com



DUNHAM POND WATER SYSTEM CHLORINATION PROJECT (GROUP B-2)

NEW FAIRFIELD, CONNECTICUT CONTRACT DRAWING

GENERAL NOTES:

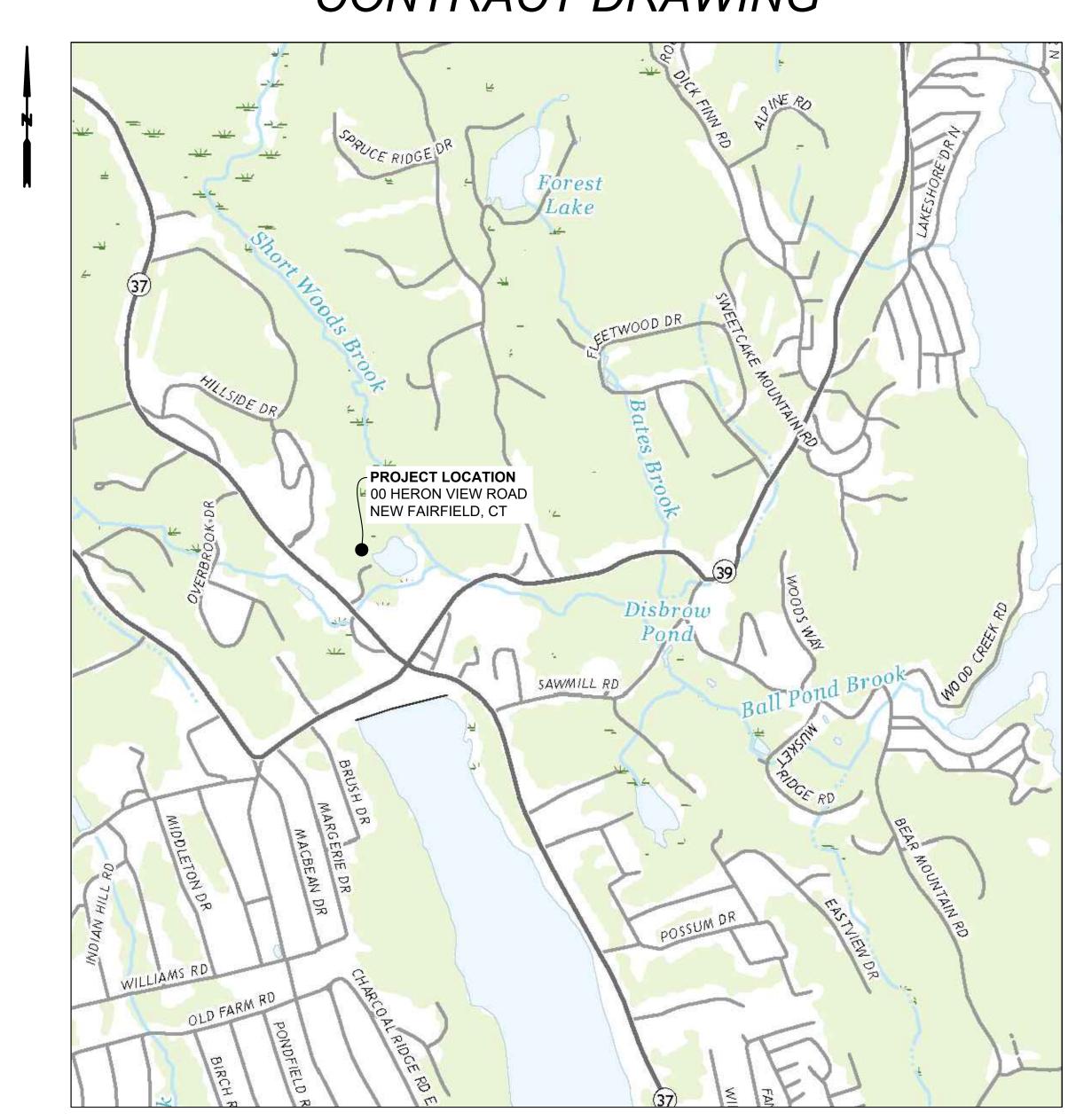
- 1. BASE MAPPING AND PROPERTY LIMITS WERE OBTAINED FROM THE "PROPERTY BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED FOR AQUARION WATER COMPANY OF CONNECTICUT PROPERTY KNOWN AS LOT 5 DUNHAM POND CONDOMINIUM ASSOCIATION, INC. LOT 6 THE WOODS AT DUNHAM POND CONDOMINIUM ASSOCIATION, INC. HIGH WINDS ROAD & HERON VIEW ROAD NEW FAIRFIELD, CONNECTICUT," AS PREPARED BY JACKOWIAK LAND SURVEYING IN DECEMBER OF 2019.
- 2. REFERENCE FOR THE LOCATION OF THE SUBSURFACE OR UNDERGROUND UTILITIES AND STRUCTURES SHOWN ON THE DRAWINGS IS BASED ON INFORMATION PROVIDED BY THE FOLLOWING:

ELECTRIC - FIELD LOCATION
STORM DRAINAGE - FIELD LOCATION
WATER - FIELD LOCATION AND MAPPING PROVIDED BY AWC
SANITARY SEWER - NONE
COMMUNICATIONS - NONE
GAS - NONE

- 3. THE LOCATION OF ALL SUBSURFACE OR UNDERGROUND UTILITIES AND STRUCTURE INCLUDING BUT NOT LIMITED TO PIPES, CABLES AND CONDUITS ARE NOT GUARANTEED TO BE EXACT, NOR IS IT GUARANTEED THAT ALL UNDERGROUND OR SUBSURFACE ITEMS ARE SHOWN.
- 4. THE EXACT TYPE, SIZE, LOCATION AND DEPTH OF EXISTING WATER MAINS IS UNKNOWN. THE EXISTING WATER MAINS ON THIS PLAN ARE SHOWN FOR SCHEMATIC PURPOSES ONLY BASED ON THE BEST AVAILABLE INFORMATION OBTAINED BY FIELD LOCATION AND MAPPING AND INFORMATION PROVIDED BY AQUARION WATER COMPANY.
- 5. MINIMUM WATER MAIN SANITARY INSTALLATION CLEARANCES ARE LISTED AS FOLLOWS:
 - FOR WATER MAINS INSTALLED BELOW SANITARY SEWERS OR STORM DRAINS 18" VERTICAL CLEARANCE
 - FOR WATER MAINS INSTALLED ABOVE SANITARY SEWERS OR STORM DRAINS 12" VERTICAL CLEARANCE
 - IF MINIMUM INSTALLATION CLEARANCES CANNOT BE MET, THE CONTRACTOR SHALL
 - PROVIDE A WATER TIGHT SEAL AT JOINTS WITHIN 10' OF THE CROSSING USING A PIPE JOINT
 - REPAIR CLAMP OR MECHANICAL JOINT

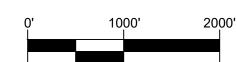
 INSTALL A 2" RIGID INSULATION PROTECTIVE BARRIER BETWEEN THE WATER MAIN AND SEWER OR STORM DRAIN
- 7. AQUARION WATER COMPANY RESERVES THE RIGHT TO ADD, SUBTRACT OR RELOCATE TEST PITS AS
- 8. ALL VALVES SHALL BE OPEN LEFT (OTL).

*ELEVATION DATUM - NAD 1983 (IN FEET)



LOCATION PLAN

SCALE: 1" = 1000'



PREPARED FOR:



AQUARION WATER COMPANY OF CT 600 LINDLEY STREET BRIDGEPORT, CT 06606

SHEET DIRECTORY SHEET CONTENTS 1 EXISTING SITE PLAN 2 PROPOSED SITE PLAN AND DETAILS 3 EXISTING BUILDING AND EAST WALL LAYOUT 4 PROPOSED PUMP STATION AND EAST WALL LAYOUT AND DETAILS 5 EXISTING AND PROPOSED PIPING SCHEMATICS 6 ELECTRICAL WORK 7 PROCESS AND INSTRUMENTATION DIAGRAM 8 INSTRUMENTATION AND CONTROL PLAN

SUGGESTED CONSTRUCTION SEQUENCE:

- 1. PROVIDE AUTOMATIC TRANSFER SWITCH AND VARIABLE FREQUENCY DRIVE SUBMITTALS
- WITHIN ONE WEEK OF CONTRACT AWARD.

 2. INSTALL EROSION AND SEDIMENTATION CONTROLS AND TEMPORARY SECURITY FENCE.
- 3. PERFORM CLEARING AND GRUBBING.
- TEMPORARILY TRANSPLANT TREES, TO BE MAINTAINED DURING CONSTRUCTION.
 PERFORM TEST PITS.
- 5. PERFURIN IEST PITS.

 6. TAD EVICTING MAINS AND INSTALL NEW WATER MA
- 6. TAP EXISTING MAINS AND INSTALL NEW WATER MAIN.
- 8. DISINFECT AND TEST NEW WATER MAINS.
- 9. ONCE NEW WATER MAIN IS ACCEPTED BT AWC, PERFORM INSERTION VALVE.
- 10. DELIVER TEMPORARY PUMPS AND EQUIPMENT TO THE SITE AND INSTALL UP TO AND INCLUDING CONNECTION LOCATIONS.
- 11. DISINFECT AND TEST TEMPORARY PUMPING EQUIPMENT.
- 12. IN ONE WORKING DAY, PERFORM THE FOLLOWING ACTIVITIES:
- a. PUT THE TEMPORARY PUMPING SYSTEM INTO OPERATION AND REMOVE THE EXISTING PUMPS FROM SERVICE.
- b. REMOVE THE EXISTING HYDROPNEUMATIC WATER STORAGE TANK FROM
- c. FILL, DISINFECT AND TEST THE TEMPORARY BYPASS SYSTEM.
- ONCE THE TEMPORARY BYPASS SYSTEM IS ACCEPTED BY AWC, PUT THE TEMPORARY SYSTEM INTO SERVICE AND TAKE THE EXISTING WELL STATION OUT OF SERVICE.
- 10. DEMOLISH EXISTING HYDROPNEUMATIC WATER STORAGE TANK.
- 11. EXCAVATE FOR THE NEW WELL STATION ADDITION AND CONCRETE FOUNDATION PAD.12. CONSTRUCT NEW WELL STATION ADDITION.
- 13. DEMOLISH/SALVAGE EXISTING TREATMENT, ELECTRICAL AND CONTROL EQUIPMENT.
- 13. DEMOLISH/SALVAGE EXISTING TREATMENT, ELECTRICAL AND CONTROL EQUIPMI
- 14. COMPLETE INTERIOR STATION PIPING AND WIRING AND INSTALL NEW EQUIPMENT.
- 15. FILL, TEST AND DISINFECT NEW TREATMENT SYSTEMS AND PIPING.
- 16. PERFORM STARTUP AND TESTING OF STATION.17. REMOVE TEMPORARY BYPASS SYSTEM FROM SERVICE AND PLACE THE WELL STATION
- INTO SERVICE.
- 18. REPLANT TEMPORARILY TRANSPLANTED TREES.19. PERFORM FINAL SITE RESTORATION.
- 20. AFTER TURF IS ESTABLISHED, REMOVE EROSION AND SEDIMENTATION CONTROLS.

EXISTING FEATURES LEGEND

CATCH BASIN		ROCK/BOULDER	\bigcirc	STONE WALL	0000000
STREET SIGN	-	SURVEY CONTROL POINT		COMM. LINE	——т—
MAILBOX	O	SPOT ELEVATION	Χ	ELEC. LINE	——Е——
SHRUB/BUSH		IRON PIN/PIPE	•	SANITARY SEWER MAIN	SS
VALVE	M	CONIFEROUS TREE	* .	WATER MAIN	W
HYDRANT	d	DECIDUOUS TREE	0	GAS MAIN	———G———
CURB VALVE	0	TREE STUMP		TRAFFIC CTRL LINE	——TR——
WATER METER	()	UTILITY POLE W/ GUY WIRE	ф <u></u>	TREELINE/ BRUSHLINE	and the analysis and th
LIGHT POST	*	GARDEN	······	PROPERTY LINE	
FENCE	××	TRAFFIC LOOP	T.L.]	STORM DRAIN PIPE	=====
SHRUB ROW		CROSS WALK		RETAINING WALL	

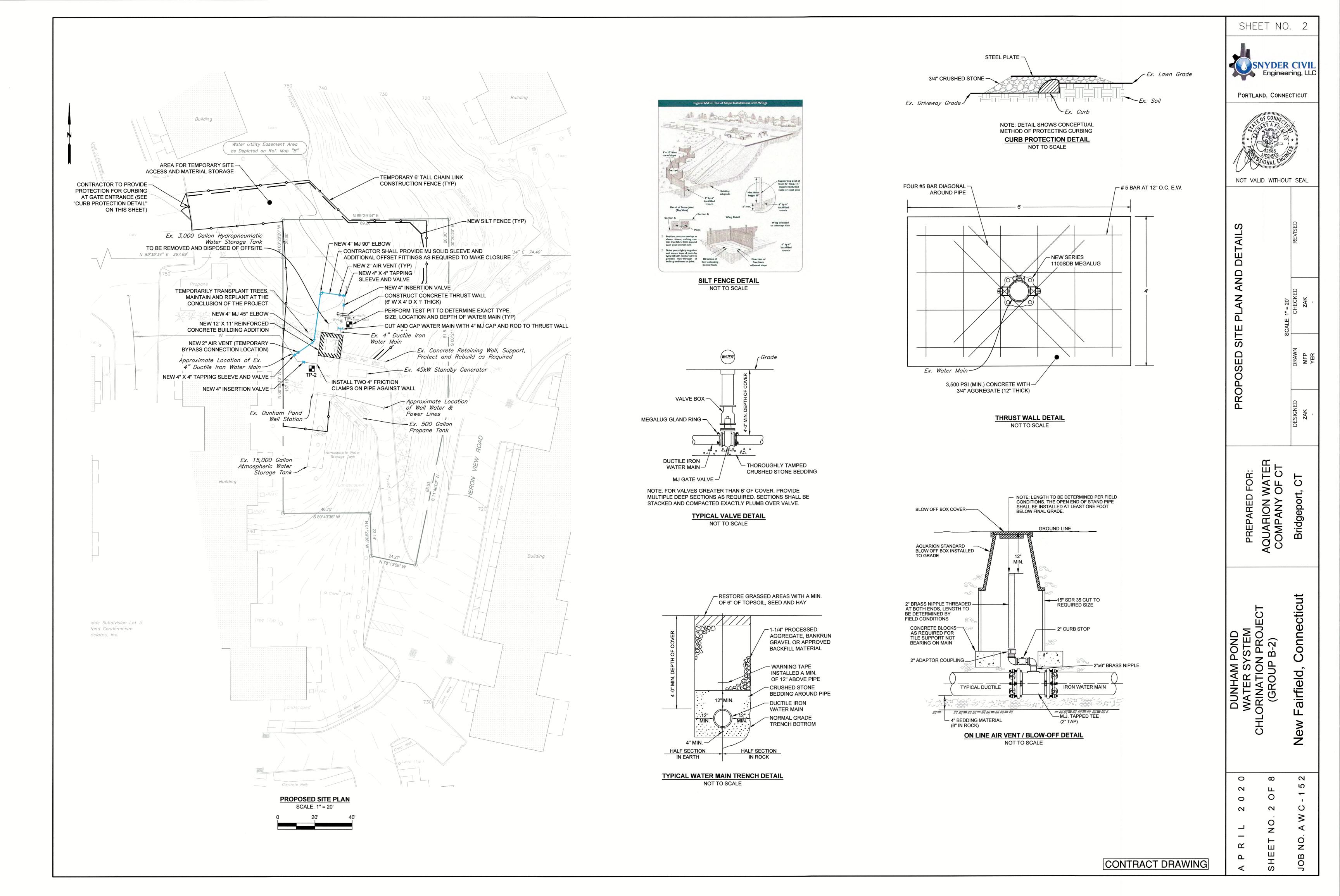
NOTE: ALL DRAIN PIPE ELEVATIONS SHOWN ON CATCH BASIN NOTES ARE INVERT ELEVATIONS

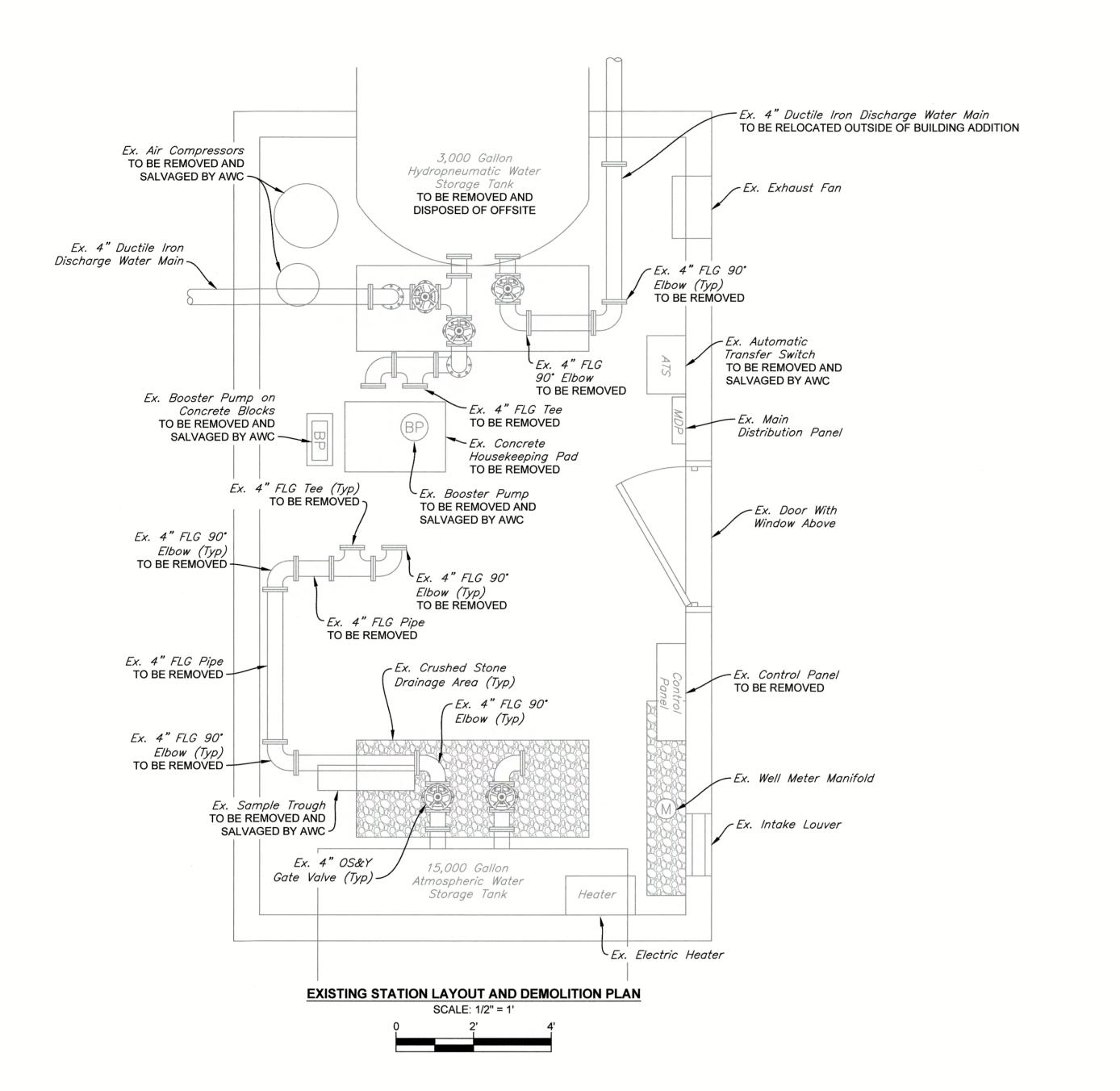
PREPARED BY:

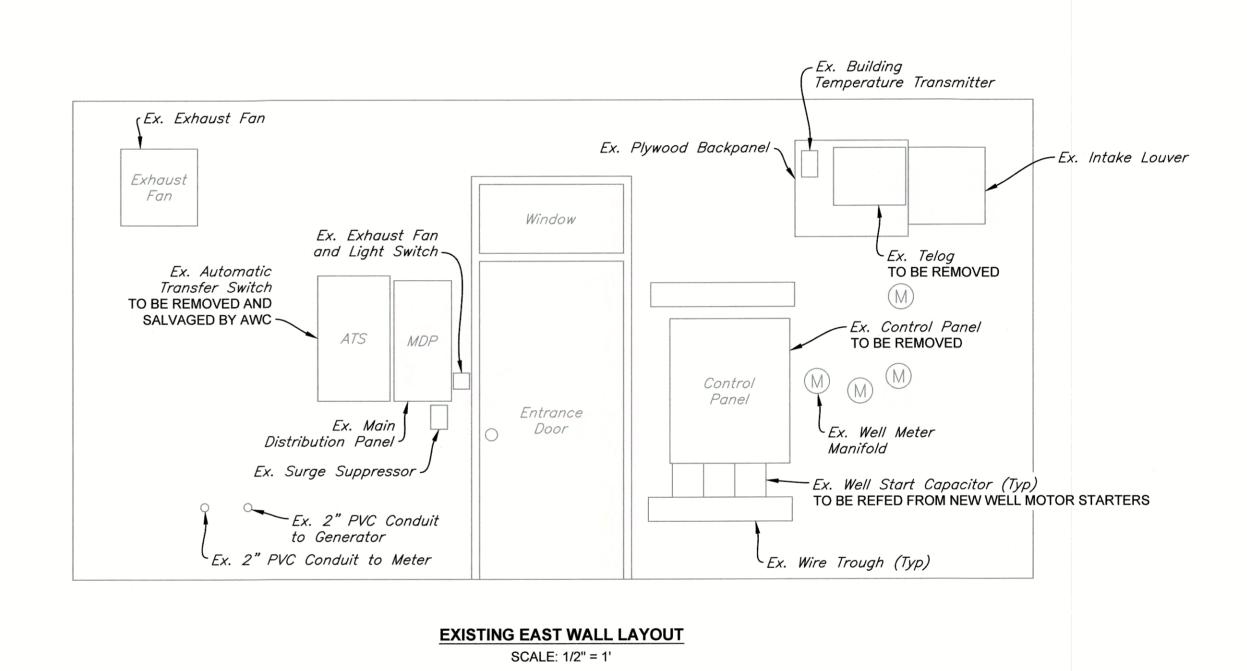


SNYDER CIVIL ENGINEERING, LLC 150 MARLBOROUGH STREET PORTLAND, CT 06480









SNYDER CIVIL Engineering, LLC PORTLAND, CONNECTICUT NOT VALID WITHOUT SEAL AND EAST BUILDING EXISTING PREPARED FOR:
AQUARION WATER
COMPANY OF CT CT Bridgeport, Connecticut DUNHAM POND
WATER SYSTEM
CHLORINATION PROJECT
(GROUP B-2) Fairfield, 2 ∞ 2 0 3 7 0

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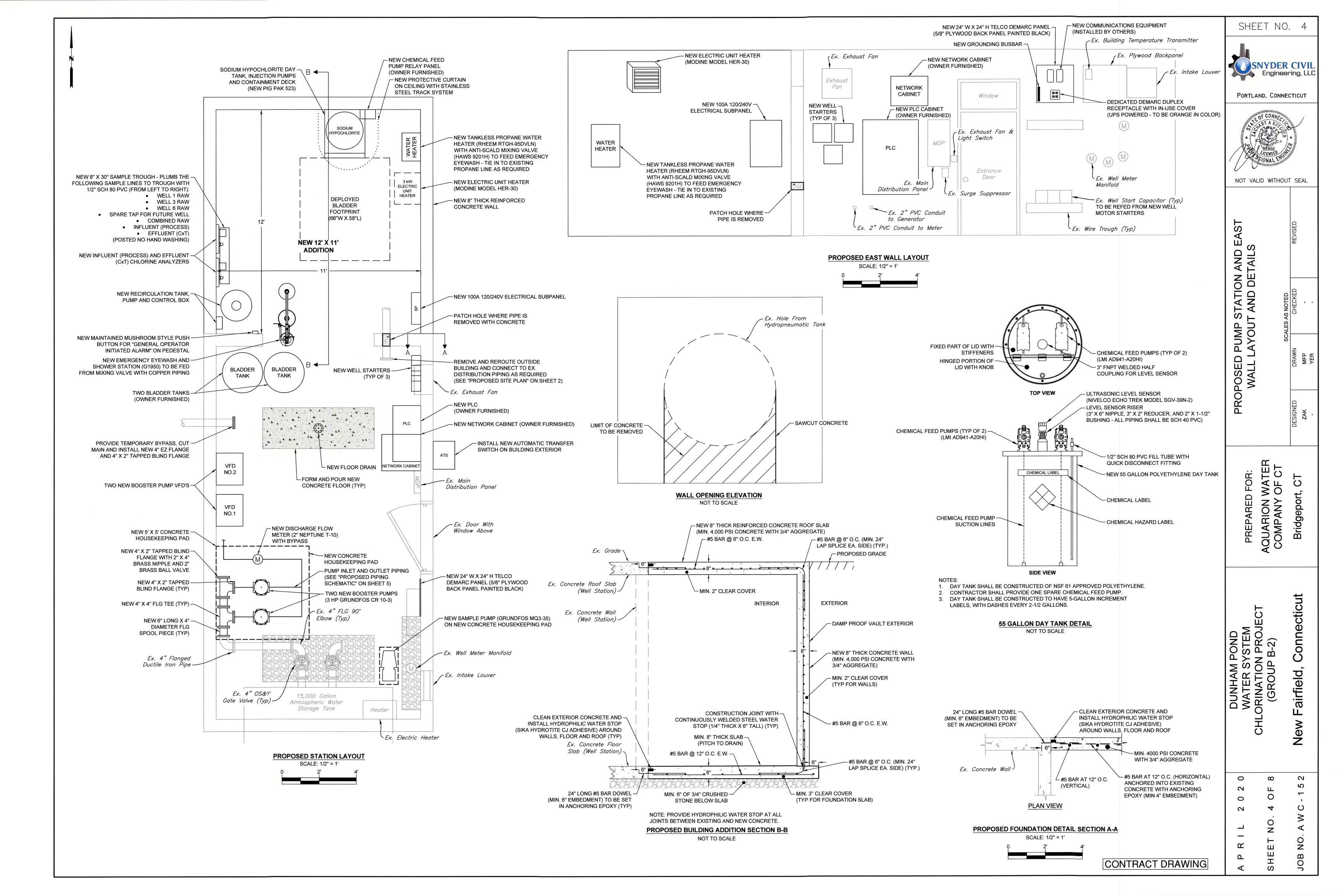
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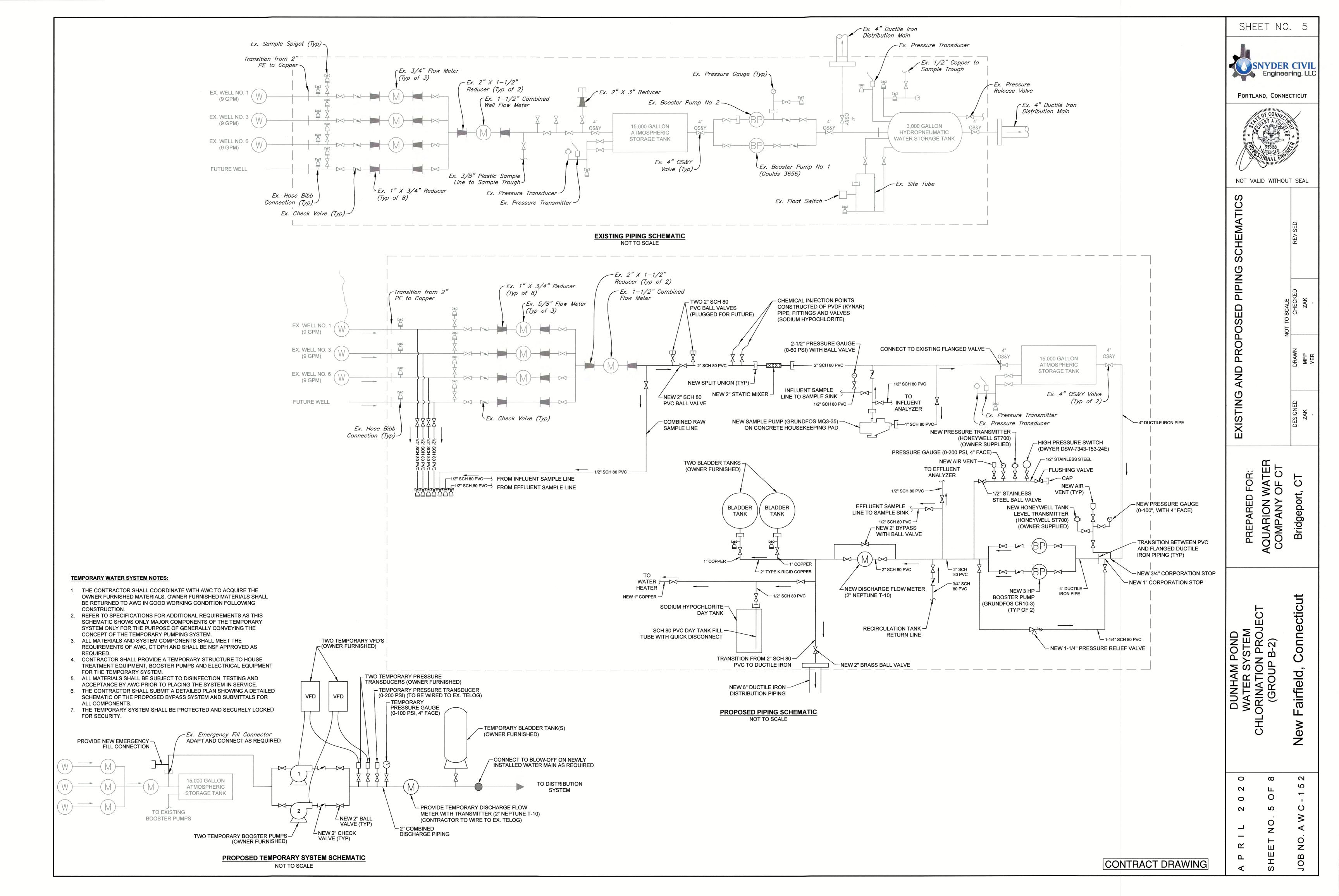
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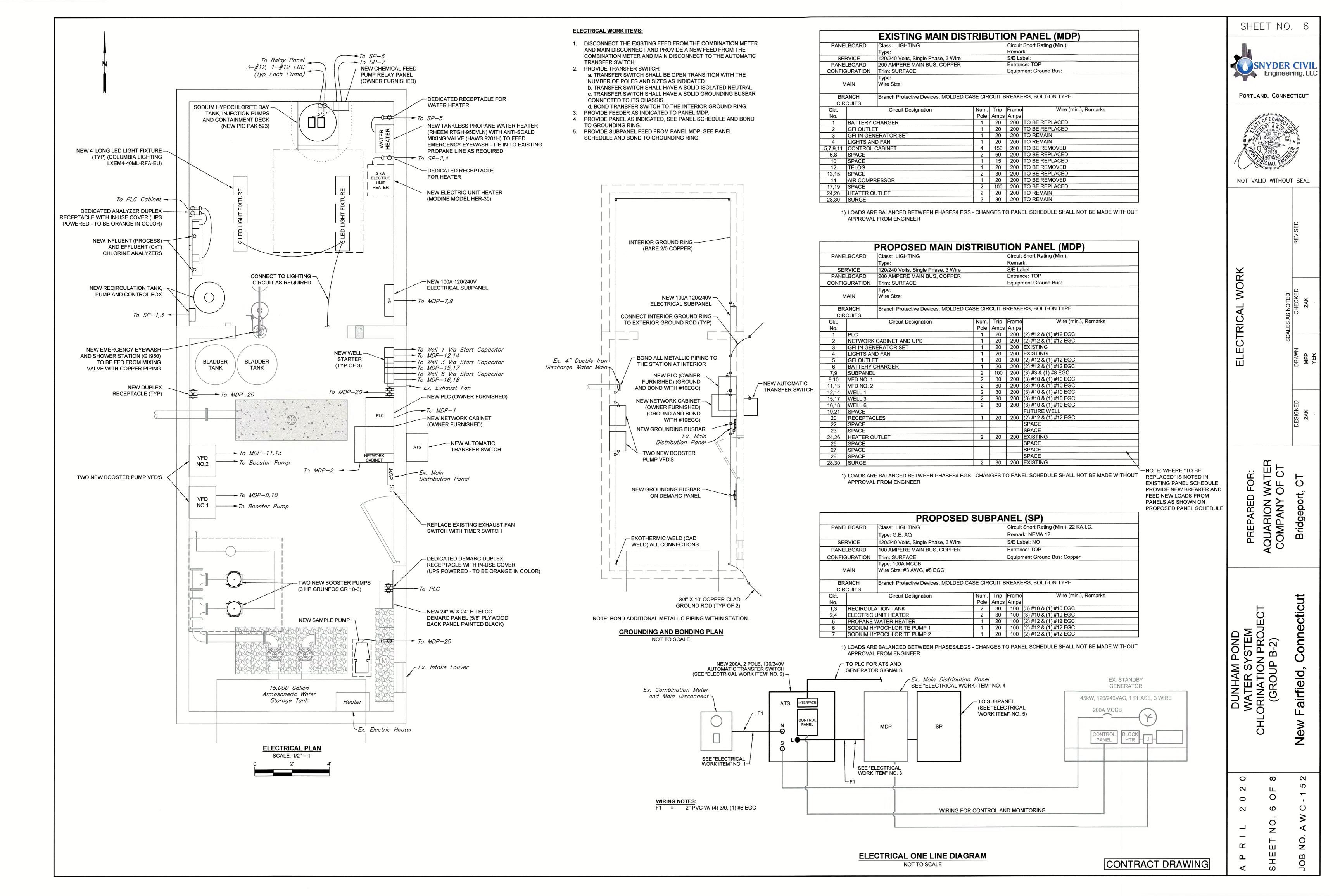
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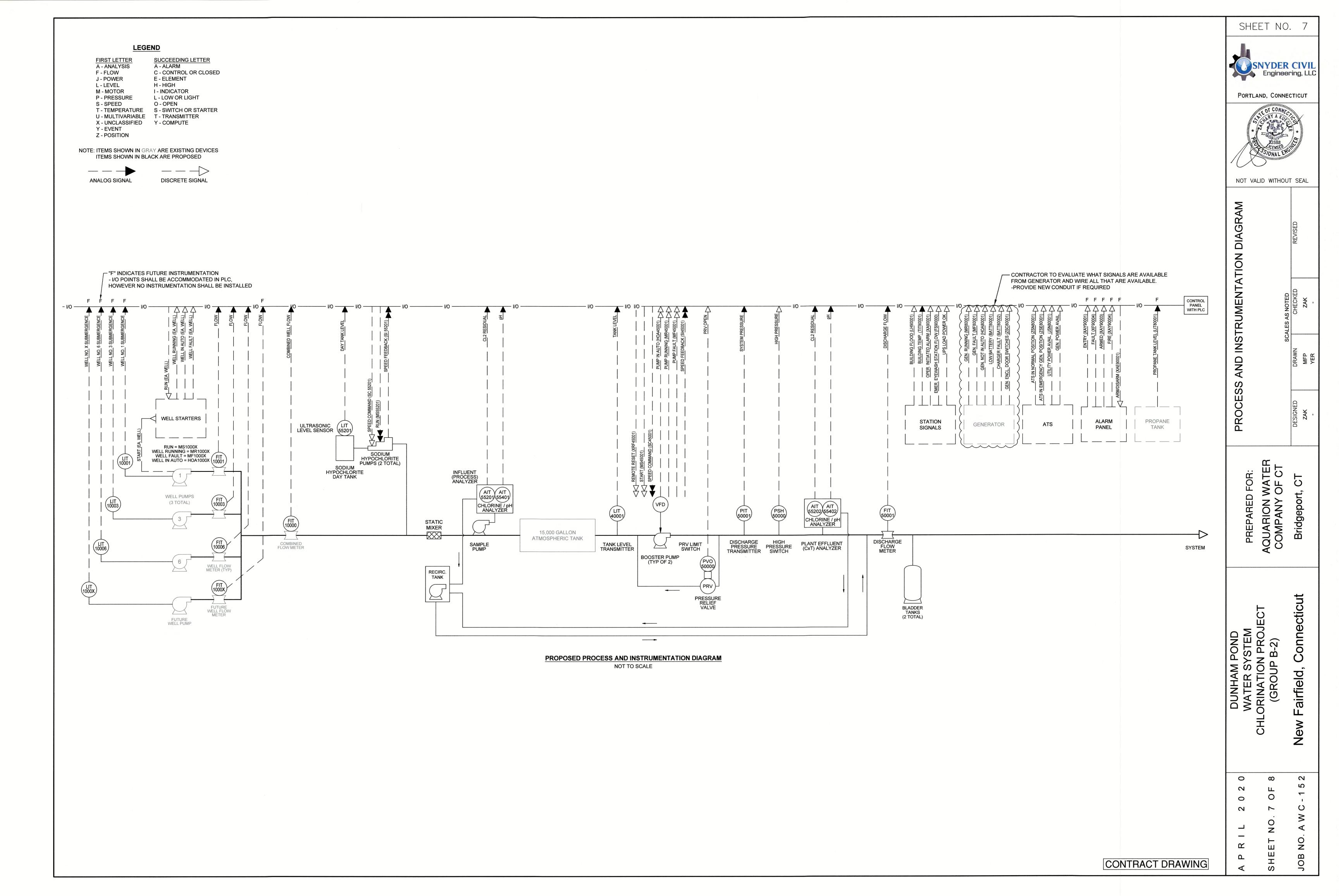
JOB

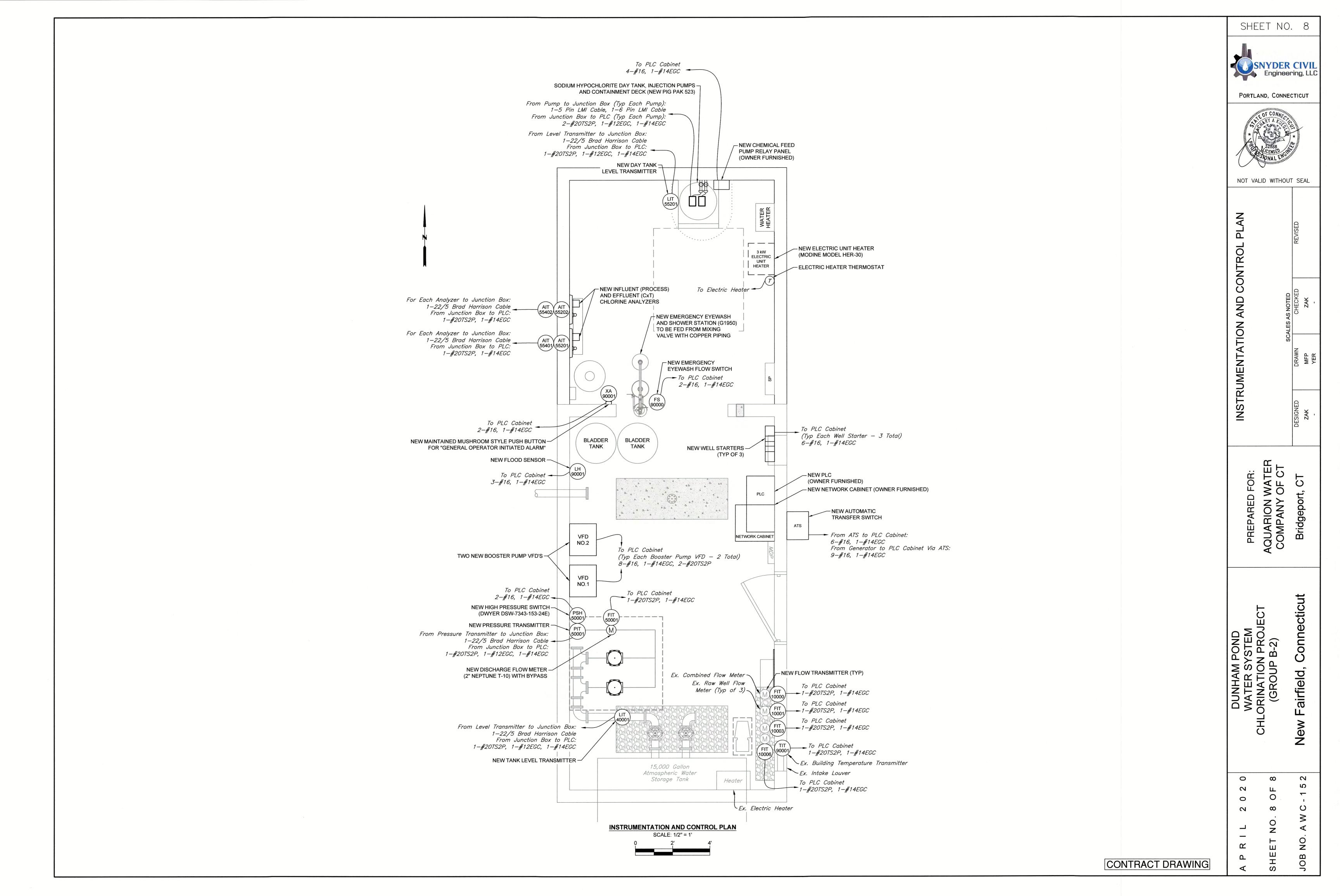
SHEET NO. 3











Re: Proposed Use Documentation per Special Permit Application

Aquarion Water Company of Connecticut proposes to continue to utilize their easement located at 00 Heron View Road to treat well water and to distribute water to their customers. The site currently utilizes three wells and a pump station to distribute water to the system. Aquarion plans to construct an addition to the existing facility that is currently in use and perform other related improvements to increase the reliability of the water supply.

Sincerely,

Zachary Kuegler Senior Engineer, PE

Snyder Civil Engineering, LLC

Dunham Pond - Abutter List

488900 488500

DUNHAM POND ANDERSON DAVID G
60 OLD NEW MILFORD RD STE 2 HIGH WINDS RD

BROOKFIELD, CT 06804 NEW FAIRFIELD, CT 06812

489500 488400

SILVA MICHAEL A & COTTE DEBRA A & JOHN M

150 RTE 37 6 CLOVERLEAF DR

NEW FAIRFIELD, CT 06812 NEW FAIRFIELD, CT 06812

489600 489700

SMALL RAYMOND+JUDITH C FLEISCHMANN JUDITH A AKA

152 RTE 37 154 RTE 37

NEW FAIRFIELD, CT 06812 NEW FAIRFIELD, CT 06812

488700 488100

GUCKER MARTIN K+DIANE 4 NEW FAIRFIELD MEDICAL 94

HIGH WINDS RD DANBURY RD STE 11

NEW FAIRFIELD, CT 06812 RIDGEFIELD, CT 06877

489200 489100

KOTALIK JOHN G JR MCNEIL ULLA B 3 HIGH WINDS RD 6 HIGH WINDS RD

NEW FAIRFIELD, CT 06812 NEW FAIRFIELD, CT 06812