ROCKLAND COUNTY
SOLID WASTE MANAGEMENT AUTHORITY
"ROCKLAND GREEN"
172 Main Street
Nanuet, NY 10954

REQUEST FOR PROPOSALS

RFP 2026-12

FOR THE OPERATION OF
THE RG CARES ANIMAL SHELTER
LOCATED AT
10 ECOLOGY ROAD IN HAVERSTRAW, NY

RECEIPT CONFIRMATION

PLEASE COMPLETE AND RETURN THIS CONFIRMATION FORM BY EMAIL WITHIN 5 WORKING DAYS OF RECEIVING THE RFP PACKAGE TO:

Ryan Montal, Confidential Assistant to the Executive Director
Rockland Green
Email: rmontal@rocklandgreen.com

Failure to return this form may result in no further communication or addenda regarding this RFP.

Proposer Name:_____

Address:_____

City:_____ State_____ Zip Code_____

Contact Person:_____

Phone Number: _____ Ext._____ Fax: _____

Email:_____

I have received a copy of the above noted RFP.

_____ We will be submitting a Proposal

_____ We will NOT be submitting a Proposal **– (please indicate reason)**

_____ We are evaluating the RFP and will make a decision after the mandatory pre-Proposal Site visit

By signing this Receipt Confirmation, Proposers acknowledge that during the mandatory pre-Proposal Site visit, Proposers will be visiting an active construction site and understand the risks inherent in visiting an active construction site.

I authorize Rockland Green to send further correspondence that Rockland Green deems to be of an urgent nature by the following methods:

Courier Collect: _____ Mail: _____

Email: _____

Signature: _____

Title: _____

NOTICE TO PROPOSERS

NOTICE IS HEREBY GIVEN that Rockand Green is issuing a Request for Proposals (RFP-2026-12) (the "RFP") for the Operation of the RG CARES Animal Shelter located at 10 Ecology Road, Haverstraw, New York.

Rockland Green is soliciting Proposals for operation and maintenance services for its new state-of-the-art animal shelter located at 10 Ecology Road, Haverstraw, New York (the "RG CARES Animal Shelter"). The services will cover all aspects of shelter operations and will be performed pursuant to a contract with Rockland Green.

The RFP may be obtained from the offices of Rockland Green (172 Main Street, Nanuet, New York 10954) between the hours of 9:00 a.m. and 4:00 p.m., Monday through Friday, except holidays, or downloaded from Rockland Green's website at rocklandgreen.com in the Businesses - Contract Opportunities section of the website, on or after October 30, 2026. Please contact Ryan Montal, Confidential Assistant to Executive Director at (845) 753-2200 ext. 626 with any questions concerning the distribution of the RFP.

A pre-Proposal Site visit is scheduled for November 5, 2026 at 3:30 p.m. Attendance is mandatory for those wishing to propose on this RFP. Potential Proposers must contact Ryan Montal, Confidential Assistant to Executive Director at (845) 753-2200 ext. 626 to confirm their attendance at the pre-Proposal Site visit.

One (1) original Proposal with five (5) paper copies and one (1) searchable PDF copy of the Proposal on a USB flash drive must be submitted to Rockland Green in a sealed envelope which must be plainly marked on the outside with the statement "RFP-2026-12 Enclosed" with the Proposer's name and title of the RFP. No email submissions will be accepted.

Sealed Proposals will be received by Rockland Green until 2:00 p.m. local time on January 6, 2027, in the offices of Rockland Green, located at 172 Main Street, Nanuet, NY 10954. Any Proposals not delivered in person should be mailed to: Ryan Montal, Confidential Assistant to Executive Director, Rockland Green, 172 Main Street, Nanuet, NY 10954.

The attention of the Proposers is directed to the applicable federal, New York State and local law requirements and to the "Affidavit of Non-Collusion" in the proposal forms of the RFP. Rockland Green encourages the fullest possible utilization of minority and women business enterprises (M/WBEs).

By order of Rockland Green, Rockland County, New York.

Dated: October 30, 2026
Rockland Green
172 Main Street
Nanuet, New York 10954
By: Gerard M. Damiani, Jr., Executive Director

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10. Bank Letter of Intent
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Appendix E	Required Insurance
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Appendix H	Form of Proposal Bond

REFERENCE DOCUMENT

Reference Document 1:	Standard of Care Act, Article 26-C of the New York Agriculture and Markets Law

I. INTRODUCTION[1]

Rockland Green also known as the Rockland County Solid Waste Management Authority (hereinafter "Rockland Green") is a public benefit corporation established under Article 8, Title 13-M of the New York Public Authorities Law. For over three decades, Rockland Green has been a leader in sustainable waste management, recycling, and resource recovery. In 2022, by way of New York State (the "State") legislation, Rockland Green's mission expanded beyond solid waste to encompass a new and equally vital community function, Animal Management Services for the County of Rockland (the "County"). This expansion of Rockland Green's mission coincided with the State Legislature's passing of Article 26-C of the Agriculture and Markets Law in December 2022 (effective December 2025), which strengthens standards for the care, housing, and recordkeeping of sheltered animals and imposes enhanced requirements on Animal Shelter operators (the "Standard of Care Act").

Rockland Green currently provides Animal Management Services through its current existing Animal Shelter facility located at 65 Firemen's Memorial Drive in Pomona, NY (the "Current Shelter"), but is now undertaking a transformative initiative to create a state-of-the-art no-kill Animal Shelter, the Rockland Green Center for Animal Rescue and Education Services ("RG CARES") Animal Shelter (the "RG CARES Animal Shelter"), located at 10 Ecology Road, in Haverstraw, NY. The construction of the RG CARES Animal Shelter is underway, and includes the repurposing and expansion of a 15,000 square foot warehouse, situated on approximately 3.24 acres.

Rockland Green consulted with both the New York State Animal Protection Federation and a licensed Doctor of Veterinary Medicine with experience in shelter medicine on the design for the new RG CARES Animal Shelter, and engaged BDA Architecture, P.C., Building Design For Animals, LLC to design a modern facility that is in compliance with the Standard of Care Act, and reflects best practices in animal health, safety, and enrichment. The RG CARES Animal Shelter will include dedicated spaces for canine, feline, and exotic animal housing, surgical and medical treatment, adoption and community outreach, and administrative operations. The RG CARES Animal Shelter will have a combined housing (including adoption, holding, and isolation rooms for canines and felines) capacity for 83 canines, 234 felines and 112 exotic animals. A floor plan, a site plan and drawings of the RG CARES Animal Shelter are included in Appendix B of this RFP.

The RG CARES Animal Shelter was designed to provide an exceptional level of care, consistent with Rockland Green's goals to provide compassionate care for all animals in its care and custody, foster community partnerships, promote responsible pet ownership, and support a robust trap-neuter-vaccinate-release ("TNVR") program for Community Cats. The new facility will also continue providing support for the Rockland County Department of Health's rabies

[1] For the purposes of this Request for Proposals ("RFP"), and for eventual use in the Service Contract, a list of defined terms has been developed. Unless otherwise specified in this RFP, all capitalized terms used in this RFP refer to the words and phrases listed in Appendix A ("Defined Terms") hereto. The Defined Terms may be revised and expanded before incorporation into the Service Contract.

sampling and testing program. It will also include a full-time workstation in Area 103 of the shelter for Rockland Green staff (and any other area(s) of the facility designated by Rockland Green) to ensure coordination and oversight.

To achieve these goals, Rockland Green seeks to enter into a service contract with a qualified and experienced Operator to operate and maintain the RG CARES Animal Shelter and to provide comprehensive Animal Management Services within the County (the "Service Contract"). The initial term of the Service Contract will be seven (7) years, with an option for Rockland Green to extend the term for three (3) additional one-year periods, each exercisable at Rockland Green's sole discretion.

The Operator will be responsible for the day-to-day operation, management, staffing, maintenance and repair of the RG CARES Animal Shelter and the Site (including, but not limited to, all equipment and ancillary buildings and structures on the Site), animal care, adoption operations, including monthly adoption events, offering low-cost spay and neuter services and an annual low-cost veterinary clinic for County residents, regular weekly TNVR events and all related services necessary to ensure compliance with Applicable Law, including the Standard of Care Act (collectively, the "Services"). A detailed Scope of Services is set forth in Appendix C. The selected Operator will be required to maintain full compliance with Applicable Law, including, but not limited to, the Standard of Care Act, throughout the Term of the Service Contract. The Operator is expected to work closely with Rockland Green to support its mission of safeguarding public health and safety, protecting animal welfare, and promoting the humane treatment of animals. The Service Contract represents a collaborative relationship, with a strong emphasis on transparency, accountability, and public trust.

The Operator will be compensated through a Service Fee structure designed to reflect the comprehensive nature of the required Services. The Service Fee is anticipated to include a base annual service fee to cover operational, staffing, administrative, and repair and maintenance costs associated with the management of the RG CARES Animal Shelter.

Proposers should carefully review this RFP, including the Appendices, to ensure a clear understanding of Rockland Green's needs and objectives, and the Scope of Services requested herein. Proposals must be prepared according to the requirements set forth in this RFP, including the format and content guidelines.

As further explained in Section IV.c. below, Proposals must be accompanied by proposal security in an amount equal to 10% of the Proposer's proposed annual Service Fee. The proposal security must be provided either (i) as a Proposal Bond, the required form of which can be found in Appendix H of this RFP, or (ii) a certified check payable to the order of Rockland Green. Proposals are due by 2:00 P.M. on Monday January 6, 2027. The Proposals will be reviewed and evaluated using the process further described herein.

Proposers are advised that Rockland Green's provision of Animal Management Services is an essential service for the residents and businesses of the County, and as such, the Services being sought hereunder constitute essential services, as well.

II. SCOPE OF SERVICES SUMMARY

The following is a summary of the Operator's key responsibilities. The full scope of the Services can be found in Appendices C and F of this RFP.

a. General Operations

The Operator will be responsible for the following general operational requirements at the RG CARES Animal Shelter:

- Performing all Services in accordance with all Applicable Law and Best Management Practices.
- Implementing and adhering to the RG CARES Animal Shelter's policies, plans, and procedures. A compilation of the policies, plans, and procedures are included in Appendix C of this RFP. (Proposers are required to acknowledge their review of such policies and procedures and provide, for Rockland Green's consideration, any comments they may have to such policies and procedures as instructed on Proposal Form 8.)
- Regularly reviewing, updating, and revising the RG CARES Animal Shelter policies, plans, and procedures in coordination with and subject to Rockland Green's approval to ensure compliance with Applicable Law and Best Management Practices.
- Maintaining regular public hours at the RG CARES Animal Shelter at least five (5) hours per day, seven (7) days per week, plus additional evening hours at least two (2) days per week. Therefore, although hours of operation at the Current Animal Shelter are limited to 12:00 p.m.-5:00 p.m. Sunday through Tuesday and Thursday through Saturday, public hours at the new RG CARES Animal Shelter will be held daily and include extended hours to 7 p.m. on at least two (2) designated days per week to accommodate working people. Proposers are required to include in their Proposal a proposed schedule that incorporates the extended hours.

b. Animal Transfer to the RG CARES Animal Shelter and Continuity of Care

Depending on the date of completion of the RG CARES Animal Shelter, the Operator may be responsible for ensuring the safe and seamless transfer of animals to the Current Animal Shelter. If so, such transfer will include the following requirements:

- Coordinating with the Current Animal Shelter operator and Rockland Green to ensure a safe, humane, and orderly transfer of all animals from the Current Animal Shelter to the RG CARES Animal Shelter.
- Finalizing a detailed animal transition plan prior to the transfer, addressing transportation logistics, staffing needs, temporary holding requirements (if any), and continuity of veterinary care. Proposers are required to submit a proposed transition plan as part of their Proposal.

- Ensuring accurate record-keeping during the transfer, including the identification, medical history, and adoption status of each animal.

c. RG CARES Animal Shelter Readiness and Operational Preparedness

In the event the Operator is responsible for the transfer of animals from the Current Animal Shelter to the RG CARES Animal Shelter, the Operator must ensure that the RG CARES Animal Shelter is ready for occupancy and that it has achieved operational readiness for the humane housing of animals. Such responsibilities include, but are not limited to, the following:

- Inspecting the new RG CARES Animal Shelter to prepare for the orderly and seamless transition to the RG CARES Animal Shelter.
- Supplying all consumables required for the RG CARES Animal Shelter, such as disinfectants and other required cleaning solutions and materials, food, toys, and other enrichment devices. (The Operator will be allowed, however, to transfer remaining food supplies from the Current Shelter as well as new, unopened toys and enrichment devices.)
- Identifying and promptly reporting to Rockland Green any potential issues associated with the transition to the RG CARES Animal Shelter, and working collaboratively with Rockland Green to resolve such issues prior to occupancy.

d. Personnel and Staffing

The Operator will be required to provide and manage all personnel necessary for the effective operation of the RG CARES Animal Shelter, including, but not limited to, the following requirements:

- Providing all necessary personnel to perform the Services, including but not limited to Shelter Manager, Assistant Shelter Manager, Canine Supervisor, Canine Attendants, Feline Supervisor, Feline Attendants, Exotic Animal Attendant, TNVR Coordinator, Veterinarian, licensed Veterinary Technician, Training Coordinator, Foster & Adoption Coordinator, Office Manager, and Office Assistant. Proposers must include in their Proposals a list of all positions they intend to use to perform the Services with a description of each such position.
- Working with Rockland Green to update staffing plans based on operational needs and Best Management Practices.
- Engaging and managing volunteers only after a background check, and in accordance with a Rockland Green-approved volunteer policy/manual, and restricting the volunteers' access to and within the RG CARES Animal Shelter in accordance with the Rockland Green-approved volunteer policy/manual and at Rockland Green's direction.

Notwithstanding the above, the Operator shall acknowledge that Rockland Green has ultimate authority and responsibility to direct operations at the RG CARES Animal Shelter as it deems appropriate.

e. Facility Access and Maintenance

The Operator will manage access to and maintenance of the RG CARES Animal Shelter and the Animal Shelter Premises in accordance with the following requirements:

- The Operator shall not be considered a tenant and no possessory interest in the RG CARES Animal Shelter or Animal Shelter Premises shall be conveyed to the Operator. The Operator will occupy the premises only with the permission of Rockland Green, which may be revoked at any time.
- The Operator will be permitted use of the RG CARES Animal Shelter only for so long as the Operator shall continue to provide the Services.
- The Operator acknowledges that access to certain areas of the RG CARES Animal Shelter and Animal Shelter Premises shall be restricted to authorized personnel only as directed by Rockland Green.
- The Operator must keep the RG CARES Animal Shelter and Animal Shelter Premises maintained in a neat, orderly, and sanitary manner and in accordance with all Applicable Law and Best Management Practices.
- The Operator will be responsible for all general internal and external building maintenance, including landscaping, snow plowing, and pet friendly ice removal on parking lots, driveways, sidewalks and walkways. Such maintenance responsibilities extend to all ancillary buildings and structures on the Site.
- The Operator will be responsible for all building and grounds maintenance (as identified in the operation and maintenance plan to be developed by the Operator and approved by Rockland Green).
- The Operator will be responsible for all repairs costing up to $25,000 per incident on an annual basis. Rockland Green will be responsible for repairs exceeding $25,000 per incident (as approved by Rockland Green, and provided that such repairs are not the result of Operator fault or negligence).
- The Operator will coordinate major repairs (i.e., repairs exceeding $25,000 per incident) with Rockland Green, and complete minor repairs (i.e., repairs costing up to $25,000 per incident) as identified in the Operator's approved operation and maintenance plan.
- The Operator will cooperate with Rockland Green personnel, who will be on Site at all times, and who will have unrestricted access to all areas of RG CARES Animal Shelter and access to RG CARES Animal Shelter staff as needed.

f. Animal Intake and Care

The Operator will be responsible for the intake and care of all animals at the RG CARES Animal Shelter, including the following requirements:

- Providing food, shelter, and care in compliance with Applicable Law, including in particular, the Standard of Care Act and Rockland Green's policies, plans and procedures.

- Accepting all dogs from Participating Municipalities from the municipal dog wardens, Animal Control Officers, and law enforcement.
- Accepting animals brought to the RG Cares Animal Shelter by the residents of the Participating Municipalities in the County (including residents of any village located within those towns) and providing care all in compliance with Applicable Law.
- Ensuring there is sufficient capacity and there are sufficient resources to accept all qualifying animals surrendered to the RG Cares Animal Shelter.
- At Rockland Green's sole discretion, making any excess space at the RG CARES Animal Shelter available to other shelters in need of accommodation.
- Maintaining the secure, monitored drop-off area for dogs from Participating Municipalities delivered to the RG CARES Animal Shelter after regular operating hours by local law enforcement in accordance with the shelter's policy for "After-Hours Placement of Dogs by Local Law Enforcement".

Proposers are advised that only Rockland Green shall have the sole right to approve and authorize any managed intake at the RG CARES Animal Shelter. The Operator will **not** be entitled to implement any measures toward managed intake at the RG CARES Animal Shelter unless first approved by Rockland Green in its sole discretion.

g. Adoptions, Foster, TNVR and other Programs

The Operator will be required to implement and manage all adoption, foster, TNVR, and related programs at the RG CARES Animal Shelter, including the following responsibilities:

- Implementing the RG CARES Animal Shelter's adoption program, and abiding by the adoption program policies and procedures. Adoption fees will be set at the commencement of the Service Contract, and shall not be changed without Rockland Green's prior written approval.
- Coordinating and maintaining documentation of the regularly held monthly adoption events.
- Implementing the RG CARES Animal Shelter's foster program, and abiding by, implementing, and enforcing the foster care program policies and procedures, as well as maintaining documentation of such activities, all in accordance with Applicable Law.
- Implementing RG CARES Animal Shelter's County-wide TNVR program, including coordinating and managing the weekly TNVR events.
- Holding low-cost monthly training events for County residents, featuring an accredited trainer or professional, including, but not limited to, behavior training sessions, microchip clinics, and routine animal husbandry activities.
- Offering low-cost spay and neuter services to County residents.
- Offering County residents yearly access to veterinary at a reduced fee for an overall health exam, any required treatment medications, and vaccinations required at the time of the exam.

h. Public Relations, Social Media and Fundraising

The Operator will support public relations, social media, and fundraising activities for the RG CARES Animal Shelter in accordance with the following requirements and constraints:

- All public outreach, marketing, and media inquiries will be directed and authorized by Rockland Green, with assistance from the Operator.
- Rockland Green will be the only entity authorized to post on any social media platform concerning the RG CARES Animal Shelter and the animals in its custody and care.
- No person, including staff and volunteers, can make any social media post that references the RG CARES Animal Shelter or any animal in its custody or care, on any social media platform.
- Rockland Green shall be responsible for making all social media posts on any platform. The Operator, however, will provide assistance to Rockland Green through the Operator's designated liaison who will engage directly with Rockland Green on all social media content.
- Any funds raised or goods donated through fundraising activities conducted in connection with the RG CARES Animal Shelter (including events held on Site or off Site, online campaigns, or donor solicitations referencing the RG CARES Animal Shelter) shall be used solely for the benefit of the RG CARES Animal Shelter and to offset the costs of operating the RG CARES Animal Shelter.
- The Operator will not have an independent claim or entitlement to any such funds, regardless of whether the fundraising event is initiated, organized, or staffed by the Operator.
- The Operator will not be permitted to conduct fundraising events at the RG CARES Animal Shelter or in the RG CARES Animal Shelter's name without the prior written approval of Rockland Green, and any approved event must clearly identify that all proceeds will benefit the RG CARES Animal Shelter's operations.
- The Operator will be required to remit all revenue from such events to Rockland Green to offset annual operating costs or fund special programs as determined by Rockland Green. (Any such funds will be reflected in the Operator's invoice to Rockland Green for the month in which any such funds are received.)

i. Records Management

The Operator will maintain accurate and comprehensive records for the RG CARES Animal Shelter, including the following requirements:

- Utilizing the Rockland Green-provided, web-based Animal Shelter management software for animal tracking, medical records, adoptions, reporting, and other operational functions, as well as the associated recordkeeping procedures set forth in Appendix C. This software will permit the Operator to maintain all RG CARES Animal Shelter records in a manner

that facilitates ease of auditing and transfer to any successor. Rockland Green will provide the Operator with access to and use of this software, with restrictions, as appropriate, for the Operator's use and compliance with its recordkeeping requirements.

- Maintaining comprehensive intake, health, treatment, behavior, and outcome records for each animal.
- Providing monthly documentation and reporting as required by Rockland Green, and more frequently as requested.

j. Collaboration and Oversight

The Operator shall collaborate with Rockland Green and submit to Rockland Green's oversight of RG CARES Animal Shelter operations, including the following responsibilities:

- Meeting regularly with Rockland Green to review the RG CARES Animal Shelter's operations, staffing, and maintenance needs. (At a minimum, such meetings will be held on a monthly basis.)
- Submitting all records to Rockland Green as requested, to ensure transparency and fiscal accountability.

III. CONTRACTUAL AND ADMINISTRATIVE REQUIREMENTS

a. The Service Fee

The Operator will be paid the Service Fee, an annual fixed fee for the performance of the Services, including salaries and actual and direct expenses incurred by the Operator in the performance of Services, which will be paid in equal monthly installments to the Operator.

The Operator will be required to submit a monthly billing statement to Rockland Green by the 15th of each month for Services rendered during the immediately preceding monthly Billing Period (the "Billing Statement"). Each Billing Statement must include complete documentation and supporting materials for all components of the Service Fee, as well as a monthly operations report as described in the Service Contract. Rockland Green will process and pay all properly documented charges within 30 days of receiving a complete and accurate Billing Statement. Rockland Green requires that all compensation paid under the Service Contract be used solely for the operation and maintenance of the RG CARES Animal Shelter, and the Operator will be required to maintain accurate and auditable financial records documenting that all revenues and expenditures are related to the Services.

Within 60 days after the end of each Contract Year, the Operator will provide Rockland Green with an annual settlement statement that sets forth the actual aggregate Service Fee payable during the Contract Year along with a reconciliation of that amount with the amounts actually paid by Rockland Green for that Contract Year, including all adjustments to the Service Fee and any offsets applied against the maximum utility consumption utilization described in Section VI of Appendix C of this RFP ("Annual Settlement Statement"). The Annual Settlement Statement will

also include an annual summary of the monthly reports and statistical data required to be furnished to Rockland Green pursuant to the Service Contract. Detailed provisions regarding the Annual Settlement Statement and reconciliations can be found in the Service Contract set forth in Appendix F to the RFP.

The Service Fee will be adjusted annually beginning on January 1, 2028, and on January 1 of each subsequent Contract Year to reflect the increase or decrease in the cost of living as described in the Consumer Price Index ("CPI") for All Urban Consumers published by the Bureau of Labor Statistics of the U.S. Department of Labor for New York-Newark-Jersey City, NY-NJ-PA All Items, (1982-84=100).

b. The Service Contract

The final and binding agreement outlining the mutual responsibilities and liabilities of Rockland Green and the selected Proposer will be set forth in a single Service Contract, which will incorporate all Services procured under this RFP. A draft of the Service Contract will be provided as Appendix F via an addendum to this RFP.

Proposers are required to review the draft Service Contract and submit any proposed changes or comments in the form of a mark-up as part of their Proposal submission. (Refer to Proposal Form 7.)

The Service Contract will have an initial term of seven (7) years, with an option for Rockland Green to extend the term for up to three (3) additional one-year periods, at its sole discretion.

c. Security Instruments for the Service Contract

i. Required Insurance

As of the effective date of the Service Contract and throughout the Service Contract Term, the Operator will be required to obtain and maintain the Required Insurance as detailed in Appendix E of this RFP. Required Insurance must be issued by an insurance carrier authorized to do business in the State, that carries a Best's "A" or equivalent rating, and that is satisfactory to Rockland Green, to protect the parties from and against any and all claims, demands, actions, judgments, costs, expenses and liabilities of every kind and nature which may arise or result, directly or indirectly, from or by reason of the Operator's performance of its responsibilities under the Service Contract. Such insurance shall be maintained at the Operator's sole cost and expense. Rockland Green shall be listed as a Certificate Holder and additional insured on all such policies as further described in Appendix E of this RFP. The Operator's failure to provide and maintain such Required Insurance shall constitute an immediate event of default under the Service Contract.

Proposers must demonstrate their ability and intent to provide the Required Insurance by submitting Proposal Form 12, Insurance Company Letter of Intent, with their Proposals.

ii. Performance Security

Also, as of the effective date of the Service Contract and throughout the Term, the Operator will be required to furnish to Rockland Green and maintain, with Rockland Green as beneficiary, a Performance Bond or a direct pay Letter of Credit, effective for the full duration of the Term, each in an amount equal to 50% of the Service Fee for the first year. The Performance Bond or Letter of Credit shall each be in the applicable form set forth in Appendix G.

At its election, the Proposer must provide either (i) a letter of intent from a surety company or (ii) a letter from a bank, in one of the forms set forth in Proposal Forms 9 and 10, indicating that the surety or bank is highly confident that when full application is made by the Proposer, the surety or bank will furnish the Performance Bond or the Letter of Credit, as applicable, as security for the Operator's obligations under the Service Contract.

The Letter of Credit shall be a direct pay Letter of Credit. The Performance Bond shall be issued by a surety company or companies rated 'A' or better per current A.M. Best Company ratings and listed in the United States Treasury Department's Circular 570. Such surety shall be properly registered and licensed to conduct business in the State. Agents of bonding companies that write the bonds shall furnish the necessary power of attorney, bearing the seal of the company, and evidencing such agent's authority to execute the particular type of bond to be furnished, as well as the right of the surety company to do business in the State.

d. Government Approvals and Licensing

The Operator must warrant and represent that it possesses, and will maintain throughout the Term of the Service Contract, all necessary permits, licenses, registrations, approvals, authorizations, consents, and entitlements of whatever kind and however described which are required under Applicable Law to be obtained or maintained to operate the RG CARES Animal Shelter.

e. Contract Standards

The Operator will be required to perform and cause the Services to be performed in accordance with the Contract Standards.

f. Prevailing Wages

The Operator will be responsible for paying prevailing wages if applicable under the circumstances, and Rockland Green will assist the Operator in obtaining a prevailing rate case number ("PRC Number") and corresponding wage schedule(s) from the Department of Labor if requested by the Operator at the time. The Operator shall also require any Subcontractor performing services for the Operator to comply with the Prevailing Wage Law, as applicable.

g. Reporting

The selected Proposer will be required to (i) maintain the records set forth in Appendix C, Scope of Services, at a minimum, and (ii) provide regular and unrestricted access to such records, data and reports to Rockland Green.

IV. PROCUREMENT PROTOCOL

By submitting a Proposal in response to this RFP, the Proposer is acknowledging that the requirements, Scope of Services, and the evaluation process outlined in this RFP are fair, equitable, not unduly restrictive, understood and agreed to. The submission of a Proposal in response to this RFP shall be considered a representation that the Proposer has carefully inspected all conditions which affect or may, at some future date, the performance covered by the Proposal, and that the Proposer is fully informed concerning the conditions to be encountered, and the character, quality, and quantity of Services to be performed. In addition, a submission shall indicate that the Proposer is familiar with Applicable Law. Proposals must be received by the Proposal submission date as specified in the schedule below ("the "Proposal Submission Date"). Proposals received after the Proposal Submission Date will be late and ineligible for consideration.

a. Procurement Schedule

The schedule for this procurement is as follows:

Activity	**Date**
Issue RFP	October 30, 2026
Mandatory Pre-Proposal Site Visit	November 5, 2026 at 3:30 p.m.
Deadline for receipt of questions and comments concerning RFP	December 3, 2026
Proposal Submission Date	January 6, 2027 at 2:00 p.m.
Proposal Evaluation Period	January 7 - February 18, 2027
Award Service Contract	February 25, 2027

b. Mandatory Pre-Proposal Site Visit

Attendance at the pre-Proposal Site visit is mandatory for any entity wishing to submit a Proposal. A failure to attend may preclude a company from proposing. Any and all are welcome to attend the mandatory pre-Proposal Site visit located at the RG CARES Animal Shelter, 10 Ecology Road, Haverstraw, NY. In the event a qualified representative of the Proposer is unable to attend, it may submit to Rockland Green for its consideration documentation supporting the

reason for missing the pre-Proposal Site visit. Rockland Green may, in its sole discretion, waive the requirement.

For planning purposes, each potential Proposer must notify Ryan Montal, Confidential Assistant to the Executive Director at rmontal@rocklandgreen.com in writing three (3) days prior to the pre-Proposal Site visit to indicate the total number of individuals representing such potential Proposer that will be in attendance. All individuals representing the Proposer at the pre-Proposal Site visit must be employees or principals of the Proposer. A Proposer may not use a surrogate as its representative at the pre-Proposal Site visit.

Proposers are advised that the RG CARES Animal Shelter is an active construction site. Any person attending the pre-Proposal Site visit must be dressed appropriately, including wearing the correct footwear (closed toe) and clothing (long sleeves). Any safety equipment required will be supplied by Rockland Green. By signing the Receipt Confirmation provided in this RFP, Proposers acknowledge that the RG CARES Animal Shelter is an active construction site and understand the risks inherent in visiting an active construction site.

c. Proposal Bond

As noted in Section I hereof, each Proposal must be accompanied by a Proposal Bond, the form of which is attached hereto as Appendix H, or certified check payable to the order of Rockland Green, in an amount equal to 10% of the first annual proposed Service Fee. The Proposal Bond must provide that prior to the expiration or termination of the Proposal Bond, the Operator shall (1) if so requested by Rockland Green, negotiate an agreement with Rockland Green, and (2) if Rockland Green selects the Proposer's Proposal, enter into the Service Contract. If the Proposer fails to comply with the above, the surety will pay to Rockland Green, as liquidated damages, the full amount of the Proposal Bond or, as applicable; the certified check shall become the property of Rockland Green and be deposited in Rockland Green's accounts.

Any Proposal Bond must be valid for at least 180 days from the Proposal Submission Date. If the Service Contract has not been executed prior to the expiration of the Proposal Bond, Rockland Green may require the renewal of the Proposal Bond for an additional 180 days. No proposal will be considered unless it is accompanied by the required Proposal Bond or certified check. The form of the Proposal Bond which must be submitted is set forth in Appendix H.

The Proposal Bond or certified check submitted by a Proposer will be returned within ten (10) business days after the earliest to occur of (i) the rejection of the Proposal of such Proposer by Rockland Green, and (ii) the execution of the Service Contract by and between Rockland Green and the Operator.

d. Proposer Due Diligence and Responsibility

Proposers are solely responsible for conducting their own independent research and due diligence for their preparation of the Proposals and subsequent delivery of Services under the

Service Contract. Proposers should satisfy themselves by personal investigation and any other means they deem necessary, as to the conditions affecting the proposed Services and the cost thereof. No information derived from any part of this RFP, or from Rockland Green or its agents, employees, advisors or consultants, shall relieve the Operator from any risk or from fulfilling all terms and conditions of the Service Contract. Rockland Green is not responsible for the completeness or accuracy of any information presented in this RFP or otherwise distributed as made available during this procurement process. Proposers are, therefore, strongly encouraged review all available and relevant information, prior to the submittal of the Proposal, which are necessary in their judgment in order to undertake this responsibility.

e. Questions Concerning this RFP

Following issuance of this RFP, the Proposers may, and are highly encouraged to, submit written questions to Rockland Green regarding this RFP and procurement to clarify any questions the Proposers may have and to assist the Proposers in the preparation of their Proposals. Rockland Green may, but shall not be obligated to, respond to such questions. All responses to any questions and requests for additional information which Rockland Green determines to be deserving of response will be issued to all potential Proposers of record in the form of addenda to this RFP which will be issued via email. The last day for submission of written questions will be on the date set forth in the procurement schedule above. Any questions submitted after the deadline for questions may be answered by Rockland Green at its discretion.

No oral interpretation, instruction, or information concerning this RFP given by any agent, employee, advisor, or consultant of Rockland Green shall be binding on Rockland Green. Proposers relying on such oral information risk having their response to this RFP deemed unresponsive by Rockland Green. Rockland Green will not be responsible for any explanation or interpretation of this RFP, unless such explanation or interpretation of this RFP is given in accordance with this written procedure.

Should a Proposer find discrepancies in, or omissions from, this RFP, the Proposer shall immediately notify Rockland Green, in writing, and a written addendum, if necessary, will be delivered to each Proposer.

All inquiries, correspondence, questions or clarifications shall be directed to:

Ryan Montal, Confidential Assistant to Executive Director
Rockland Green
172 Main Street
Nanuet, NY 10954
Email: rmontal@rocklandgreen.com

Except as set forth in this section with regard to procedures for inquiries, correspondence, questions or clarifications, in order to ensure fairness during the procurement process as of the date this RFP is released to the public and throughout the procurement process and negotiations of a Service Contract, Proposers or their employees, representatives or agents shall not contact any Rockland Green Board member, any Rockland Green employee (other than Ryan Montal or a

designated Rockland Green employee or such other individual as instructed by Rockland Green), or any of Rockland Green's technical or legal consultants.

If a Proposer or its employee, representative or agent contacts a Rockland Green Board member, any Rockland Green employee (other than Ryan Montal or a designated Rockland Green employee or such other individual as instructed by Rockland Green), or any of Rockland Green's technical or legal consultants in relation to this RFP, such Proposer risks either being disqualified from submitting a Proposal in response to this RFP or having its Proposal rejected by Rockland Green.

f. Addenda or Amendments to this RFP

During the period provided for preparation of Proposals, Rockland Green may issue addenda to this RFP. These addenda will be numbered consecutively and will be distributed by email to all who are registered with Rockland Green as having received a copy of this RFP. These addenda will be issued by, or on behalf of, Rockland Green and will constitute a part of this RFP. Each Proposer is required to acknowledge receipt of all addenda at the time of submission of its Proposal by submitting an executed Addendum Acknowledgment Form included as Proposal Form 2. All responses to this RFP shall be prepared with full consideration of the addenda issued prior to the Proposal Submission Date.

g. Clarification Requests

After receipt of Proposals, Rockland Green may, at its sole discretion, conduct discussions with Proposers to clarify any information submitted in the Proposal or assure that the Proposers fully understood and responded to the requirements of the RFP.

Once Proposals have been reviewed, Rockland Green may request that the Proposer submit additional information or clarify certain aspects of its Proposal. Such requests from Rockland Green will be made via written request for clarifications issued via email. Timely responses to such requests will be required before Rockland Green can continue to evaluate the Proposal.

h. Proposer Interviews

After the Proposal Submission Date, Rockland Green may require Proposers to make oral presentations to and attend interviews with representatives of Rockland Green.

V. TERMS AND CONDITIONS OF PROCUREMENT

a. Rockland Green Reservation of Rights

This RFP constitutes an invitation to companies to submit Proposals to Rockland Green. This section describes Rockland Green's responsibilities, rights, and options as they relate to various business, legal, and financial aspects of the procurement effort. By responding to this RFP, Proposers acknowledge and consent to the following conditions relative to the procurement

process and the selection of a Proposer to negotiate an agreement with Rockland Green. Without limitation, Rockland Green reserves, holds, and may exercise, at its sole discretion, the following rights and conditions:

1. This RFP does not obligate Rockland Green to procure or contract for any services whatsoever, nor does it obligate Rockland Green to procure the Services.
2. All costs incurred by Proposers in connection with responding to this RFP, the evaluation and selection process undertaken in connection with this procurement, and any negotiations entered into in connection with developing the Service Contract will be borne by the Proposers.
3. All Proposals become the property of Rockland Green and will not be returned.
4. Rockland Green may reject and return unopened any responses not received by the deadline for receipt of Proposals or may extend the deadline date for submission of Proposals and modify schedule dates.
5. Rockland Green reserves the right, at any time, to determine that any or all Proposers will not be selected for further consideration and notify such Proposers of Rockland Green's determination.
6. Rockland Green has the right to reject, for any reason, any and all Proposals and components thereof and to eliminate any and all Proposers responding to the RFP from further consideration for this procurement.
7. Rockland Green may conduct clarification discussions, at any time, with one (1) or more Proposers and request additional information relating thereto.
8. Rockland Green may receive questions from Proposers and provide such answers, as it deems appropriate.
9. Rockland Green reserves the right to designate, at any time, one (1) or more Proposers with whom it may select to have a full evaluation of their Proposal(s).
10. Rockland Green has the right to select the Proposal that is the most advantageous to Rockland Green, taking into consideration price and non-price evaluation factors set forth in this RFP, and not necessarily on the basis of price or any other single factor. Rockland Green is not required to accept the lowest cost Proposal.
11. Rockland Green reserves the right to cancel this RFP without issuing another RFP or to amend, supplement, or otherwise modify this RFP, including the Scope of Services, or otherwise request additional information without prior notice.
12. Rockland Green reserves the right to request Proposers to send a representative to attend Rockland Green interviews.
13. Rockland Green reserves the right to require additional information from one (1) or more Proposers to supplement or clarify the Proposals submitted.
14. Rockland Green reserves the right to conduct investigations of the Proposers, and their responses to this RFP and to request additional evidence to support the information included in any such response.

15. Rockland Green reserves the right to conduct investigations of the Proposer's proposed Subcontractors, and to request additional evidence to regarding any proposed Subcontractor.
16. Rockland Green reserves the right to visit and examine any of the facilities referenced in a Proposal and others owned and/or operated by the Proposer to observe and inspect such facilities.
17. Rockland Green reserves the right to waive any technicalities or immaterial irregularities in any Proposal received, in accordance with Applicable Law.
18. Rockland Green has the right to eliminate any Proposer who submits an incomplete and inadequate response or is not responsive to the requirements of this RFP.
19. Rockland Green reserves the right to issue additional or subsequent solicitations for Proposals.
20. To the extent deemed appropriate by Rockland Green, Rockland Green may select and enter into discussions and to conduct simultaneous negotiations with one (1) or more of the Proposer(s) submitting Proposals.
21. Rockland Green, in its sole discretion, has the right to discontinue negotiations with any selected Proposer at any time prior to the execution of the Service Contract.
22. Rockland Green reserves the right to enter into agreements for only portions (or not to enter into agreements for any) of the services solicited in this RFP with one (1) or more of the Proposers based upon Rockland Green's judgment of the best single Proposal or combination of Proposals to address Rockland Green's objectives.
23. All activities related to this RFP and the performance under the Service Contract shall be subject to Applicable Law.
24. Neither Rockland Green, its staff, its representatives, nor any of its consultants will be liable for any claims or damages resulting from the solicitation, collection, review, or evaluation of responses to this RFP.
25. Rockland Green reserves the right to eliminate any Proposer that has a record of material non-compliance with any Applicable Law.
26. Rockland Green reserves the right to waive any mandatory pre-Proposal Site visit or meeting on a case-by-case basis.
27. Rockland Green reserves the right to award one (1) single contract for all services described herein or multiple contracts for such services.
28. Notwithstanding any other provision set forth herein, no contract, agreement, bid or proposal awarded by Rockland Green shall be binding and valid until fully executed by the parties.

b. Confidential/Trade Secret Information

Rockland Green is subject to New York State's Freedom of Information law (NY CLS Pub O §§ 84-90) ("FOIL"). Should your submission to this RFP contain "trade secrets," or other information that the disclosure of which could reasonably be expected to be harmful to business interests, you must ensure that such information is clearly identified and marked as such. Identification must be specific by item or paragraph and the following notice should be inserted in the front of the Proposal:

NOTICE

The data on pages _____ of this Proposal identified by an asterisk (*) contain technical or financial information, which are trade secrets and/or whose disclosure would cause substantial injury to the Proposer's competitive position. The Proposer requests that such data be used only for the evaluation of the Proposal, but understands that the disclosure will be limited to the extent that Rockland Green considers proper under the law. If an agreement is entered into with this Proposer, Rockland Green shall have the right to use or disclose the data as provided in the Agreement, unless otherwise obligated by law.

Rockland Green does not assume any responsibility for disclosure or use of marked data for any purpose. Marked information will be treated as confidential third-party information. Should marked information be the subject of a request under FOIL, you may be requested either to consent to the request, or make representation explaining why the information should not be disclosed.

By submitting a Proposal, any Proposer not selected relinquishes any claim or right to be compensated for or to object to the use of ideas, approaches, concepts, designs or other elements of its Proposal which may be included in the Service Contract executed with the selected Proposer.

c. Expense of Proposal Preparation

Each Proposal and preparation of all information required pursuant to this RFP shall be prepared at the sole cost and expense of the Proposer. In addition, the Proposer shall be solely responsible for all costs incurred in connection with the evaluation and selection process undertaken in connection with this procurement and any negotiations entered into in connection with developing a Service Contract. There shall be no claims whatsoever against Rockland Green, its staff, or its consultants or agents for reimbursement of the costs or expenses incurred during the preparation of the Proposal or other information required by this RFP or the procurement process or in connection with the selection process or contract negotiations. Each Proposer that enters into the procurement process shall prepare the required materials and submittals at its own expense and with the express understanding that they cannot make any claims whatsoever for reimbursement from Rockland Green for the costs and expenses associated with the process.

d. Modifications to Proposals

Before opening the Proposals, a Proposer may correct or modify the Proposal by written notice received by Rockland Green prior to the time and date specified in the procurement schedule above. After opening of the Proposals, Rockland Green may waive minor informalities or allow the Proposer to correct such informalities. If a mistake is clearly evident on the face of the Proposal, Rockland Green shall correct the mistake and so notify the Proposer in writing, and the Proposer may not withdraw the Proposal. A Proposer may withdraw a Proposal if a mistake is clearly evident on the face of the Proposal but the intended correction is not similarly evident.

e. Termination of Negotiations

Rockland Green in its sole discretion may, at any time, exclude a Proposer from further participation in the negotiation process if it determines that such Proposer is failing to progress in the negotiations or if the terms of its Proposal provide less value than those of the other Proposers. Rockland Green will give written notice of its decision to the Proposer which shall be sent in writing signed by an authorized representative of Rockland Green, and delivered to the Proposer by certified mail or overnight courier.

f. Withdrawal from Procurement Process

A Proposer may withdraw a Proposal prior to the date and time set for the opening of Proposals provided that a written request to withdraw the Proposal is hand delivered to the Executive Director of Rockland Green, by or on behalf of an authorized representative of the Proposer, or the request is delivered by certified mail or overnight courier.

g. No Rockland Green Liability

Neither Rockland Green, its staff, its representatives, nor any of its consultants will be liable for any claims or damages resulting from the solicitation, collection, review or evaluation of responses to this RFP. Rockland Green assumes no responsibility for the completeness or the accuracy of any information presented in this RFP, or other information distributed or made available during this procurement process. Without limiting the generality of the foregoing, Rockland Green will not be bound by or be responsible for any explanation or interpretation of the proposed documents other than those prepared in writing. In no event may a Proposer to this RFP rely on any oral statement made by Rockland Green or any of Rockland Green's agents, employees, advisors or consultants.

h. Continuing Obligation of Proposers

Any Proposer(s) selected to negotiate with Rockland Green have a continuing obligation to provide Rockland Green with any information requested in this RFP which requires updating due to circumstances that have changed or occurred since the submission of its Proposal. Such obligation shall remain in place until Rockland Green has awarded the Service Contract.

i. Minority and Women's Business Enterprises

The Authority encourages the fullest possible utilization of Minority and Women Owned Business Enterprises (M/WBE).

j. No Discrimination and Affirmative Action Plan

The Operator shall not discriminate or permit discrimination by any of its officers, employees, agents and representatives against any person because of age, race, color, religion, national origin, sex, sexual orientation or physical or mental disability, or any other protected category. The Operator must take all actions reasonably necessary to ensure that applicants are employed, and that employees are treated during employment, without regard to their age, race, color, religion, national origin, sex, sexual orientation or physical or mental disability or any other protected category. Such action shall include, without limitation, recruitment and recruitment advertising; layoff or termination; upgrading, demotion, transfer, rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Operator shall impose the non-discrimination provisions of this section by contract on all Subcontractors hired with Rockland Green's consent to perform work related to performance of its obligations under the Service Contract and shall take all reasonable actions necessary to enforce such provisions. The Operator will post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause. The Operator shall comply with Rockland Green's Affirmative Action Program and demonstrate compliance with Rockland Green's Affirmative Action Program by submitting Proposal Form 6.

Proposers must have in place sexual harassment policies that are compliant with the New York Human Rights Law ("NYHRL"), and shall provide annual training to all of their employees in accordance with the NYHRL.

VI. PROPOSAL FORMS

Each Proposer must complete all of the Proposal Forms in their entirety. Proposers must use "N/A" to specify any items set forth in the Proposal Forms that are not applicable to a Proposer. To provide additional information, the Proposer should use separate sheets of paper following the Proposal Form format.

VII. PROPOSAL CONTENT

This section describes the information that must be included in each Proposal, and the order in which it must be presented. All Proposals must include the following information, in order set forth below:

Section I:	Cover Letter and Executive Summary
Section II:	Proposal
	A. Approach to Delivery of Services

B. Qualifications and Experience

Section III: Proposal Forms (including Price Proposal Form)

a. Section I: Cover Letter and Executive Summary

The cover letter is the Proposer's official letter transmitting the complete Proposal to Rockland Green. The cover letter will designate the individuals who will be the key business negotiators. This letter is to be typed on the Proposer's letterhead and is to be signed by an officer of the Proposer who is empowered to sign such material and to commit the Proposer to the obligations contained in the Proposal.

The executive summary must be presented as a separate document summarizing in clear and concise language, the information contained in all other parts of the Proposal (except for pricing information) and shall include an introduction and overview section and a conclusion. The executive summary shall also summarize the information contained in the Proposal Forms. This shall include, for the Operator, the form of business organization and ownership description.

The executive summary shall be limited to five (5) pages, including tables and graphs. Rockland Green may distribute the executive summary to public officials, representatives of public interest groups, and other major project participants; therefore, the Proposer should not include any data in the executive summary that the Proposer judges to be confidential. The executive summary should not contain any price, cost, or economic data. Rockland Green assumes no liability for disclosure or use of any data presented in the executive summary.

Proposers shall include in the executive summary a representation of Proposer's ability to provide the security required in this RFP.

b. Section II: Proposal

i. Approach to Delivery of Services

a. Proposals must include a complete narrative of the Proposer's assessment of the Services to be performed, demonstrating the Proposer's understanding of the desired overall expectations and requirements, which must include:

1. **Operational Approach**. A detailed description of the Proposer's approach to operating the RG CARES Animal Shelter. Said description must include a commitment to provide the staff required to perform the Services including the positions identified in the Scope of Services set forth Appendix C, a description of how the Proposer intends to perform the Services outlined in this RFP and achieve the stated goals and the proposed operational hours for the RG CARES Animal Shelter, which must include maintaining public hours for a minimum of five (5) hours per day, seven (7) days per week, plus additional evening hours (until 7:00 p.m.) for at least two (2) days each week. In addition to an operation and maintenance plan, Proposers must also include a transition plan for the transition from the Current Animal Shelter

to the RG CARES Animal Shelter in the event Rockland Green elects to have the Operator do so.

Proposers must sign Proposal Form 14 acknowledging that they have read and understand the Standard of Care Act (which is attached hereto as Reference Document 1), and that their delivery of Animal Management Services under the Service Contract, should they be selected, will adhere to the standards and requirements set forth in the Standard of Care Act, as they may be applicable.

2. **Subcontractors.** The identification of any Subcontractors the Proposer intends to engage in connection with the Services, including a description of the scope of work to be performed by each Subcontractor.

3. **Key Personnel.** The identification and description of all key staff members who will be assigned to the RG CARES Animal Shelter if the Proposal is selected.

4. **Sanctuaries.** The Proposer shall identify any animal sanctuaries with which they are affiliated and which they intend to utilize in the performance of the Service Contract. For each sanctuary identified, the Proposer must provide the following information:

    a. Full legal name, location, and contact information of the sanctuary;

    b. Description of the nature and extent of the affiliation;

    c. The role the sanctuary will play in the proposed Services;

    d. The number of animals rescued, accepted, or housed annually;

    e. The sanctuary's save rate, including in-shelter care and long-term placement outcomes;

    f. Any complaints, citations, or enforcement actions filed against the sanctuary within the past five (5) years, including the nature of each complaint, the date filed, the outcome, and any corrective actions taken; and

    g. Relevant licenses, permits, or accreditations held by the sanctuary (e.g., state/local animal welfare agencies or third-party certifications).

    h. The information provided should demonstrate the sanctuary's compliance with all applicable animal welfare standards and its ability to provide appropriate care, rehabilitation, or placement consistent with the goals of the Service Contract.

5. **Contingency Placement Partners.** A list of alternative entities (e.g., shelters, rescue organizations) with whom the Proposer has established relationships and could partner in the event the RG CARES Animal Shelter reaches capacity. For each entity listed, include:

a. Name and location of the entity;

b. Nature of the relationship or agreement;

c. Types of animals they are able to accept;

d. Estimated number of animals they could accept on an emergency or overflow basis; and

e. Any limitations or conditions on intake (e.g., species, health status, duration of care).

This information will be used to assess the Proposer's capacity for contingency planning and the ability to ensure continuity of care and sheltering services;

6. **Software Systems and Records.** Rockland Green will provide for the Operator's use in the performance of the Services a web-based Animal Shelter management software program for animal tracking, medical records, adoptions, reporting, and other operational functions, as well as for recordkeeping procedures described in Appendices C and F. Rockland Green is in the process of selecting the program and will notify potential Proposers of its final selection via an addendum to this RFP. Such software will enable the Operator to maintain all RG CARES Animal Shelter records in a format that facilitates efficient auditing and seamless transfer to any successor. Rockland Green will grant the Operator access to the software, with restrictions as applicable, for the performance of the Services. Rockland Green will retain full access to the software, including the ability to log in and directly review and access all records. Proposers must include in their Proposals a detailed explanation of the protocols and processes it will use to ensure that records are maintained, accessed, and shared with Rockland Green in accordance with the procedures and requirements set forth in Appendices C and F. If Rockland Green elects to require the Operator to perform transition services from the Current Animal Shelter to the RG CARES Animal Shelter, the Operator will be required to transfer all animal and operational records from the electronic recordkeeping platform used at the Current Shelter to the new web-based platform at the RG CARES Animal Shelter.

7. **Assumptions.** A clear statement of any assumptions made in preparing the Proposal, including those related to scope of work, staffing, facility conditions, partnerships, or resource availability.

ii. Qualifications and Experience

General Qualifications and Experience - To enable Rockland Green to evaluate a Proposer's ability and resources to carry out the Services, the Proposer must complete the Qualifications Form included at Proposal Form 3 for the Proposer, and must submit with its Proposal the following information:

1. A description of the Proposer's organization, its history, its ownership and its organizational structure, the identity of any shareholders and directors with more than 15% interest in the organization, a description of divisions by functional area, and the location of offices.

2. A summary of the Proposer's general experience in providing Animal Shelter services to municipalities of the same or similar size as the County.

3. Contact information (name, telephone, email, and address) for all key personnel who will be assigned to perform the Services, as identified by the Proposer in its Proposal. For each individual, a current résumé detailing relevant qualifications, years and types of experience, education, professional licenses, certifications, and notable accomplishments.

4. Descriptions of other similar operations services or contracts performed within the past three (3) years, which are substantially similar in scope and size. The goal of this section is for the Proposers to provide information relating to their experience, the basis of which said Proposer purports to be qualified to carry out all Services. The project description must contain the project name, project owner and contact information, project location, project narrative, and project dates.

5. Proposers shall provide no less than three (3) references for operations services in the animal management sector performed in the last three (3) years. Proposers must complete Proposal Form 13 for each of its references.

6. Audited financial statements, prepared on an accrual basis in accordance with Generally Accepted Accounting Principles, and all relevant notes, for the Proposer, in a form which clearly indicates assets, liabilities and net worth over the most recent three (3) year period or as many years as the firm has been in business if less than three (3) years. If the Proposer is a charity, please also provide copies of Proposer's determination letter as well as IRS Form 990 for the most recent three (3) years. Proposers who do not demonstrate financial solvency or who are in bankruptcy proceedings will not be considered.

7. Evidence of (i) any applicable New York license(s) and/or certification(s) necessary for the Proposer to perform Services, (ii) evidence of all completed trainings (e.g., training certificates) for its staff within the past three (3) years, (iii) a listing of all staff that is required to be trained under New York's Agriculture and Markets Law Article 26-C and an identification of whether those staff members have been trained in 2026; and (iv) a listing of any training anticipated to take place prior to the commencement of Services.

8. Evidence of the Proposer's authorization to do business in the State, or commitment to obtain such authorization prior to commencement of the Service Contract.

Regulatory Experience, Compliance, Safety and Litigation - To enable Rockland Green to evaluate a Proposer's regulatory experience and compliance, the Proposal shall describe the Proposer's and each key team member's, experience and effectiveness in dealing with

governmental agencies regulating Animal Shelters and their experience and record of compliance with permits, licenses, approvals, and other regulatory actions. The Proposal shall identify any major incidents of non-compliance, a description of corrective action taken for such incidents, the present status of compliance, and whether regulatory agency sanctions were imposed. The Proposer shall also provide an Occupational Safety and Health Administration (OSHA)-compliant safety plan, as well as OSHA logs, and must also discuss its overall safety program, including its approach to dangerous dogs, as well as including any violations cited by governmental safety agencies or OSHA, recognized safety awards, and the Proposer's lost-time accident record compared with industry standards, all within the past three (3) years. The Proposer shall also disclose any litigation, pending or complete, that relates to or could impact its provision of the Services.

Record of Contract Performance - To enable Rockland Green to evaluate a Proposer's record of contract performance, the Proposer shall identify any cases where the Proposer or any Subcontractor failed to complete any services which it was contracted to perform or had a contract terminated due to the quality of its work. If this has occurred, indicate when, where, and the reasons for such termination. If the Proposer or any other Subcontractor has received any notices of violation or penalties in connection with its operation and management of an Animal Shelter within the past ten years, the Proposer shall indicate when, where, and under what circumstances such notices of violations were receive or such penalties were imposed.

iii. Proposal Bond

Each Proposal must be accompanied by a Proposal Bond or certified check payable to the order of Rockland Green, in an amount equal to 10% of the first annual proposed Service Fee. The form of the Proposal Bond which must be submitted is set forth in Appendix H.

c. Section III: Proposal Forms

Proposers must fully complete, execute, and include all Proposal Forms with their Proposals.

Proposers shall submit the Price Proposal Form 15 as part of their Proposal. The proposed compensation shall include all costs necessary for the Operator to operate the RG CARES Animal Shelter and perform the Services identified in this RFP, and shall be broken down into the following categories:

1. **Transition Costs** – Proposers must provide a total proposed cost for the Operator to implement its proposed transition plan to transition animals from the Current Animal Shelter to the RG CARES Animal Shelter to the extent required by Rockland Green.
2. **Annual Service Fee** – Proposers must provide their proposed annual Service Fee that incorporates all costs associated with the performance of the Services, including employee and Subcontractor compensation and benefits, insurance, performance security, veterinary and medical services, animal food, medical supplies, animal care supplies,

training/behavioral services, marketing and outreach, RG CARES Animal Shelter maintenance and repairs, operating, maintenance and repair costs for the Rockland Green provided vehicle, and other categories, as appropriate.

3. **Escalation Factor** – Rockland Green has identified the Consumer Price Index ("CPI") for All Urban Consumers published by the Bureau of Labor Statistics of the U.S. Department of Labor for New York-Newark-Jersey City, NY-NJ-PA All Items, (1982-84=100) as the index that will be used for the annual adjustment of the Service Fee commencing on January 1, 2028.

Proposals shall remain firm for a minimum of one hundred and eighty (180) days.

VIII. SUBMISSION REQUIREMENTS

a. This section contains instructions regarding the submission of the Proposals. Late Proposals will be considered non-responsive and shall be returned to the Proposer unopened. No Proposal will be accepted unless filed on or before the Proposal Submission Date and at the place designated herein. Proposals received prior to the time of opening will be securely kept unopened.

b. Proposals shall be submitted with the Proposal Forms set forth in this RFP. All blank spaces for Proposal prices shall be properly filled in, in ink, or typed, in both words and figures. In case of any price shown in words and its equivalent shown in figures do not agree, the written words shall be binding on the Proposer. All Proposal Forms included in this RFP must be completed and submitted with the Proposal in order to be considered a responsive Proposal.

c. The Proposal documents shall be typed or printed (1-1/2 spacing) on 8-1/2 inch by 11-inch paper, except for figures or drawings which may be prepared at a larger size in order to be legible.

d. Proposals shall be enclosed in a sealed opaque envelope plainly marked on the outside with the statement "RFP-2026-12 - Proposal Enclosed," with the Proposer's name and title of the RFP.

e. Proposers must submit (i) One (1) original Proposal, clearly marked "Original," containing all original signatures and executed documents; (ii) Five (5) paper copies of the Proposal; and (iii) One (1) electronic copy on an external drive. No email submissions will be accepted.

f. Proposals shall be delivered to:

Rockland Green
172 Main Street
Nanuet, NY 10954
ATTN: Ryan Montal, Confidential Assistant to the Executive Director

IX. PROPOSAL EVALUATION

a. General

All Proposals will be evaluated by the procedures and criteria described in this section for the ultimate purpose of determining to whom Rockland Green will award the Service Contract. An award will be made to the responsible Proposer whose Proposal is determined in writing to be the most advantageous to Rockland Green, taking into consideration price and non-price evaluation factors set forth in this RFP. Rockland Green has the right to select the Proposer whose Proposal best satisfies the interests of Rockland Green, and not necessarily on the basis of price or any other single factor.

The evaluation team will evaluate each Proposal to determine if the Minimum Qualification Criteria set forth in section (c) below are met. Only those Proposers whose Proposals meet the Minimum Qualification Criteria will be considered responsible Proposers and be further evaluated. If the Proposal meets the Minimum Qualification Criteria, then the evaluation team will evaluate the Proposals using the Comparative Evaluation Criteria set forth in section (d) below in order to make a determination of which Proposal is the most advantageous to Rockland Green.

b. Evaluation Team

The Proposal evaluation and selection process described in this section of the RFP will be conducted by an evaluation team led by Rockland Green. The evaluation team will be composed of personnel from Rockland Green and assisted by its consultants. The evaluation team will review and evaluate Proposals and may select one (1) or more Proposers with whom Rockland Green will conduct contract negotiations.

c. Minimum Qualification Criteria

The Minimum Qualification Criteria that each Proposer is required to meet are set forth below. Proposals that do not meet the Minimum Qualification Criteria will not be further evaluated by the evaluation team. Each Proposer or Proposal, as applicable, must satisfy the following Minimum Qualification Criteria:

1. Authorization. If not already registered, the Proposer must commit to being registered or authorized to do business in the State of New York prior to commencement of any Services.

2. Licensing and Certification. The Proposer and any proposed Subcontractors must possess all applicable certifications, licenses and training required by the State to perform the Services. If the Proposer or Subcontractors lack the necessary certifications, licenses and training, the Proposer must commit to obtain such prior to commencement of any Services should its Proposal be selected.

3. Minimum Experience Requirements for Key Personnel. The individual proposed to serve as the Animal Shelter Manager must have a minimum of three (3) years of experience in the operation or management of an Animal Shelter that provides discretionary veterinary

care or a similar type of animal management facility responsible for caring for and housing animals, and the Proposer must also commit to maintain this person in the role, and replace this individual only with Rockland Green's written approval.

d. Comparative Evaluation Criteria

Proposals meeting the Minimum Evaluation Criteria will then be further evaluated by the evaluation team in order to make a determination of which Proposal is the most advantageous to Rockland Green. Rockland Green has the right to select the Proposer whose Proposal best satisfies the interests of Rockland Green, and not necessarily on the basis of price or any other single factor. The overall net cost of the Proposal is a major criterion in the selection, but not the only determining factor. The criteria set forth below are not necessarily listed in the order of importance and are not necessarily of equal weight. Proposers must provide all information, documents or data necessary to address each Comparative Evaluation Criterion.

Rockland Green will evaluate Proposals by applying the following criteria:

1. *Approach to Delivery of Services* – Rockland Green will consider the Proposer's overall approach to operating the RG CARES Animal Shelter and delivering the required Services.

    1. Key evaluation factors include:
        i. the proposed operational approach;
        ii. qualifications and experience of key personnel;
        iii. the involvement of affiliated animal sanctuaries, including their capacity, compliance history, and alignment with humane care goals;
        iv. the strength of contingency placement partnerships for emergency or overflow situations;
        v. the Proposer's approach for the use of the Rockland Green provided web-based software systems and recordkeeping procedures for tracking, reporting, and compliance;
        vi. identification and use of Subcontractors; and
        vii. the clarity of assumptions made, and the identification of anticipated challenges or constraints along with strategies to address them.

2. *Qualifications and Experience* – Rockland Green will consider:

    1. Whether the Proposer, key team members, and any proposed Subcontractors have the requisite capabilities, licensing/certification(s), and experience to perform the Services.

    2. The extent of the Proposer's and any Subcontractor's previous experience on similar Animal Shelter operations contracts;

    3. References – Rockland Green will evaluate the strength and character from each of the Proposer's references provided. It should be noted that Rockland Green has the right to conduct independent reference checks, and may contact other entities or

individuals for whom the Proposer is performing or has performed shelter operation or similar services even if the Proposer did not list such entities. Any such references will also be factored into the evaluation of the Proposal.

3. *Regulatory Experience, Compliance, Safety and Litigation* - Rockland Green will consider the Proposer's experience and record for regulatory compliance with permits, licenses, approvals, and other regulatory actions in prior and current projects; the Proposer's safety record in prior and current projects; and the Proposer's litigation record.

4. *Record of Contract Performance* – Rockland Green will consider the Proposer's record of contractual compliance on prior projects, including, but not limited to, contractual disputes or terminations.

5. *Financial Capacity* – Rockland Green will evaluate the financial strengths of the Proposer. The financial capacity assessment will consider the adequacy of the Proposer to assure full and timely performance of the Operator's obligations under the Service Contract and the overall financial stability of the Operator.

6. *Service Contract* - Rockland Green will evaluate any exceptions the Proposer proposes to take or any proposed modifications to the Service Contract or to provisions related to any of the Security Instruments. The evaluation will also be based on the degree to which the Proposer accepts the risk posture and general business deal set forth in the draft Service Contract. This criterion will also be used to assess the degree of risk which the Proposer is judged to be assuming under the terms of the Proposal.

7. *Price Proposal* - Rockland Green will evaluate the Proposer's proposed pricing set forth on Proposal Form 15 (the "Price Proposal"). Rockland Green will consider the Price Proposals and identify any questions or concerns regarding the information presented from any of the Proposers, including for example, any mathematical errors. The Price Proposals will be evaluated on the basis of the proposed Service Fee as well as the proposed transition costs. Rockland Green is not bound to accept the lowest Price Proposal.

e. Award of Service Contract

An award will be made to the responsible Proposer whose Proposal is considered the most advantageous to Rockland Green. Rockland Green has the right to select the Proposer whose Proposal best satisfies the interests of Rockland Green, and not necessarily on the basis of price or any other single factor. Rockland Green will notify the successful Proposer by written notice, signed by a duly authorized representative of Rockland Green. No other act of Rockland Green shall constitute an award.

APPENDICES

Appendix A	Defined Terms
Appendix B	Animal Shelter Floor Plan, Site Plan and Drawings
Appendix C	Scope of Services
Appendix D	Proposal Forms

1. Signature Page
2. Addenda Acknowledgment Form
3. Qualifications Form
4. Affidavit of Non-Collusion
5. Disclosure Affidavit
6. Affirmative Action Plan
7. Exceptions to the RFP and Service Contract
8. Comments to the RG CARES Animal Shelter Policies and Procedures
9. Consent of Surety for Performance Bond
10. Bank Letter of Intent
11. FOIL Acknowledgement Form
12. Insurance Company Letter of Intent
13. Past and Present Performance Information Form
14. Acknowledgment Regarding Article 26-C of New York Agriculture and Markets Law, The Standard of Care Act
15. Price Proposal Form

Appendix E	Required Insurance
Appendix F	Service Contract
Appendix G	Form of Performance Bond and Letter of Credit
Appendix H	Form of Proposal Bond

APPENDIX A

DEFINED TERMS

APPENDIX A
DEFINED TERMS

Affiliate: Any person, corporation or other entity directly or indirectly controlling or controlled by another person, corporation or other entity or under direct or indirect common control with such person, corporation or other entity.

Animal Management Services: Any and all services provided to promote animal care and to protect public health and safety, including, but not limited to the following services: providing housing and care for stray, abandoned, abused, seized, impounded, owner-surrendered or otherwise unwanted animals in an Animal Shelter; and any other similar service related thereto.

Animal Shelter: Any facility, building, or structure, where temporary or permanent housing and care is provided to stray, abandoned, abused, seized, impounded, owner-surrendered or otherwise unwanted animals.

Animal Shelter Premises: Means the RG CARES Animal Shelter Site located at 10 Ecology Road, Haverstraw, New York, and all edifices located thereon (including the RG CARES Animal Shelter, the ancillary building used in connection with the TNVR program, and all other ancillary buildings), as further identified and described in Appendix B of this RFP.

Annual Settlement Statement: Means the annual settlement statement to be prepared by the Operator at the end of each Contract Year as defined in Section III.a of this RFP.

Applicable Law: Means any law, rule, codes, standards, regulation, requirement, policy, consent decree, consent order, consent agreement, permit, guideline, action, determination or order

of, or Governmental Approval issued by, any Governmental Body having jurisdiction, applicable from time to time to any activities associated with the Services to be provided by the Operator or with the subject matter of the Service Contract, or any other transaction or matter contemplated hereby, including but not limited to applicable provisions of the New York Agriculture & Market Law, including the Standard of Care Act, and the Prevailing Wage Law.

Architect: Means BDA Architecture, P.C., Building Design For Animals, LLC, the architect of record for the RG CARES Animal Shelter.

Best Management Practices: Means those methods, techniques, standards and practices which, at the time they are to be employed and in light of the circumstances known or reasonably believed to exist at such time, are generally accepted as good in the Animal Shelter management and operation industry.

Billing Period: Means each calendar month in each calendar year, except that (1) the first Billing Period shall begin on the dated that the Operator commences performing the Services, and shall continue to the last day of such calendar month, and (2) the last Billing Period shall end on the last day of the Term of the Service Contract. Any computation made on the basis of a Billing Period shall be adjusted on a pro rata basis to take into account any Billing Period of less than the actual number of days in the month to which such Billing Period relates.

Community Cat: Means an unowned, free-roaming outdoor cat.

Contract Standards: The standards, terms, conditions, methods, techniques and practices imposed or required by: (i) Applicable Law, (ii)

	Best Management Practices, (iii) applicable Insurance Requirements, (iv) Good Industry Practice, and (v) any other standard, term, condition or requirement specifically provided in the Service Contract to be observed by the Operator.
Contract Year:	Means the calendar year commencing on January 1 in any year and ending on December 31 of the same year; provided however, that the initial Contract Year will commence on the first date of the commencement of Services as specified in the Service Contract, and the final Contract Year shall end on the anniversary of the of the commencement of services for the final year of the Service Contract.
County:	The County of Rockland, New York.
Current Animal Shelter:	Means the existing Animal Shelter located at 65 Firemen's Memorial Drive, Pomona, NY and currently operated by Rockland Green.
Operator:	The person, partnership, or corporation who enters into the Service Contract with Rockland Green.
Good Industry Practice:	Those methods, techniques, standards and practices which, at the time they are to be employed and in light of the circumstances known or reasonably believed to exist at such time, are general accepted as good in the industry.
Governmental Approval:	All orders of approval, permits, licenses, authorizations, consents, certifications, registrations, exemptions, rulings, entitlements and approvals issued by a Governmental Body of whatever kind and however described which are required under Applicable Law to be obtained or maintained by any person with respect to the Services.

Governmental Body:	Any federal, state, regional or local legislative, executive, judicial or other governmental board, agency, authority, commission, administration, court or other body, or any official thereof having jurisdiction over the Animal Shelter, the Operator, the Services, or the Project.
Insurance Requirement:	Means any rule, regulation, code, or requirement issued by any fire insurance rating bureau or anybody having similar functions or by any insurance company that has issued an insurance policy as required under this RFP, as in effect during the Term of the Service Contract, compliance with which is a condition to the effectiveness of such policy.
Letter of Credit:	Means a financial document, substantially in the form set forth in Appendix G, that guarantees the Operator's timely performance of its obligations under the Service Contract for the benefit of Rockland Green throughout the Term of the Service Contract.
Participating Municipality(ies):	Means the Towns of Clarkstown, Haverstraw, Ramapo and Stony Point, and any additional municipality that Rockland Green designates in writing from time to time.
Performance Bond:	Means the bond that guarantees the Operator's timely performance of its obligations under the Service Contract for the benefit of Rockland Green throughout the Term of the Service Contract, and substantially in the form set forth in Appendix G.
Prevailing Wage Law:	Means Articles 8 and 9 of the New York Labor Law, as amended.
Proposal:	Means a Proposer's submission in response to this RFP.

Proposal Bond:	Means the bond that guarantees that the Proposers will negotiate an agreement with Rockland Green, if so requested by Rockland Green, and enter into the Service Contract if Rockland Green selects the Proposer's Proposal, and substantially in the form set forth in Appendix H.
Proposal Forms:	Mean the forms attached to this RFP, which are to be completed and submitted by the Proposer as part of its Proposal.
Proposer:	The entity(ies) submitting a Proposal for the performance of the Services.
Request for Proposals or RFP:	Means this request for proposals document(s) issued by Rockland Green for the operation of the Animal Shelter located at 10 Ecology Road, Haverstraw, NY, as amended and supplemented.
Required Insurance:	Means the insurance to be provided and maintained by the Operator in accordance with Appendix E of this RFP.
RG CARES Animal Shelter:	Means the Animal Shelter owned by Rockland Green, located at 10 Ecology Road in Haverstraw, NY, from which the Animal Management Services are provided by the Operator pursuant to the Service Contract.
Rockland Green:	Means the Rockland County Solid Waste Management Authority, also known as Rockland Green.
Security Instruments:	Means the Performance Bond or the Letter of Credit, as applicable, and the Required Insurance.
Services:	Includes the Animal Management Services, and all other labor, management, operations, materials, equipment, coordination, oversight, administrative and associated responsibilities required to operate and maintain the RG

	CARES Animal Shelter and perform the obligations as set forth in Appendix C hereto and otherwise described in this RFP.
Service Contract:	Means the Service Contract for the Operation and Maintenance of the RG CARES Animal Shelter Located at 10 Ecology Road in Haverstraw, New York between Rockland Green and the Operator, together with all appendices thereto, which will govern the obligations of the parties with respect to the operation of the new RG CARES Animal Shelter.
Service Fee:	Means the annual compensation to be paid to the Operator for the performance of the Services pursuant to the Service Contract. (The annual Service Fee, however, will not include the transition costs for the transition from the Current Animal Shelter to the RG CARES Animal Shelter, which are to be priced separately as described in Proposal Form 15 (Price Proposal Form).)
Site:	Means the real property owned by Rockland Green, located at 10 Ecology Road, Haverstraw, and all ancillary property up to and including the fence line, upon which the RG CARES Animal Shelter pursuant to this RFP is located. The Site and RG CARES Animal Shelter floor plan are more specifically described in Appendix B.
State:	Means the State of New York.
Standard of Care Act:	Means Article 26-C of the New Agriculture and Markets Law regarding the regulation of Animal Shelters, which took effect in December 2025.

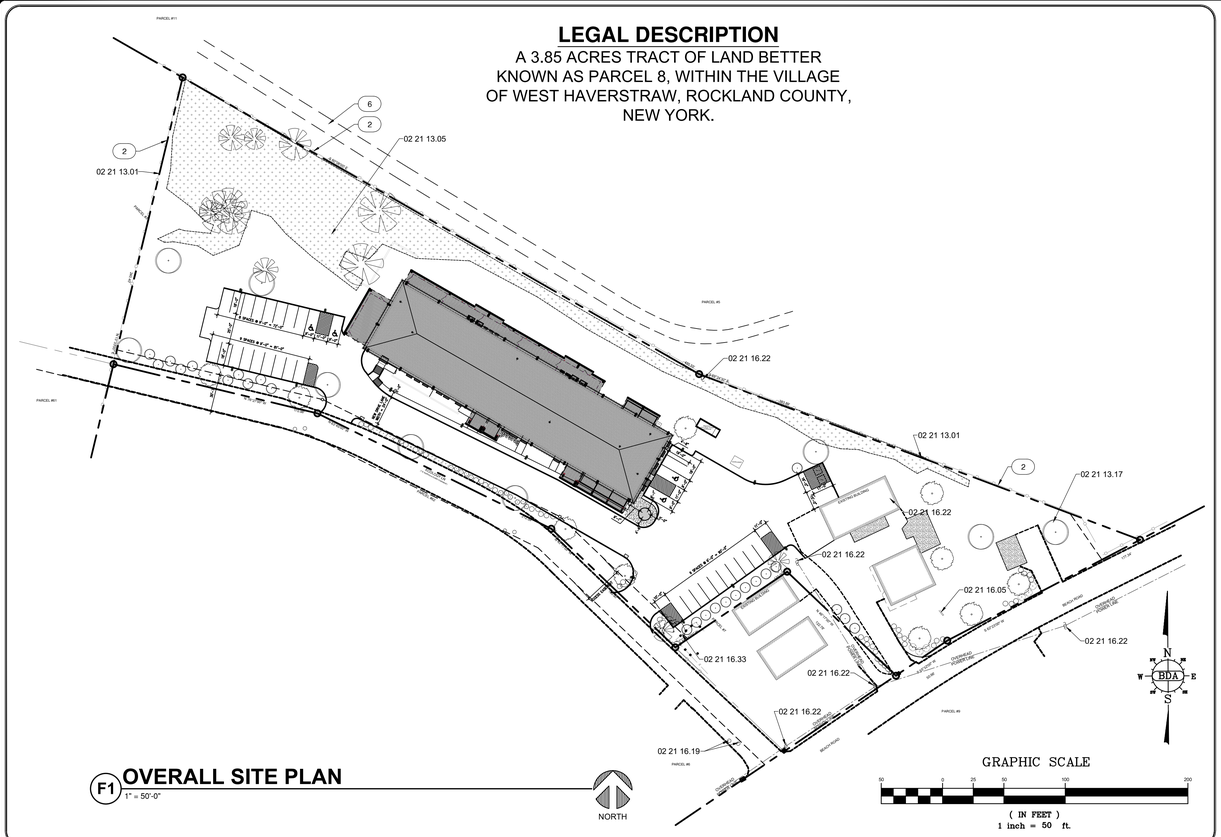
Subcontract:	Means an agreement between the Operator and a Subcontractor, or between a Subcontractor and a sub-subcontractor, as applicable.
Subcontractor:	Means every person (other than employees of the Operator) employed or engaged by the Operator or any person directly or indirectly in privity with the Operator (including every subcontractor of whatever tier) for any portion of the Services, whether for the furnishing of labor, materials, equipment, supplies, services, or otherwise in connection with the Services.
Term:	Means the duration of the Service Contract between Rockland Green and the Operator, beginning on the effective date specified in the Service Contract. The initial Term shall be seven (7) years, with an option to extend for up to three (3) additional one-year periods, all of which may be exercised at the sole discretion of Rockland Green.
TNVR:	Means trap-neuter-vaccinate-release.

APPENDIX B

ANIMAL SHELTER FLOOR PLAN, SITE PLAN AND DRAWINGS

LEGAL DESCRIPTION

A 3.85 ACRES TRACT OF LAND BETTER KNOWN AS PARCEL 8, WITHIN THE VILLAGE OF WEST HAVERSTRAW, ROCKLAND COUNTY, NEW YORK.



F1 **OVERALL SITE PLAN**

1" = 50'-0"

NORTH

GENERAL NOTES

A. **THIS IS NOT A SURVEY.** INFORMATION TAKEN FROM A SURVEY PREPARED BY "CORLESS & ASSOCIATES", DATED 06/07/2020 JOB#20-04. REFER TO THAT SURVEY FOR ALL BOUNDARY AND EXISTING CONDITIONS.

B. ALL PAVEMENT IS NEW.

C. EXISTING UNDERGROUND STORM DRAINS FROM CATCH BASINS ARE ROUTED TO UNDERGROUND STORAGE CHAMBERS. SEE CIVIL PLANS.

REFERENCE KEYNOTES

DIVISION 02 - EXISTING CONDITIONS
- 02 21 13.01 - PROPERTY LINE
- 02 21 13.05 - BUILDING SETBACK
- 02 21 13.17 - DRAINAGE EASEMENT
- 02 21 16.05 - EXISTING MONUMENT SIGN
- 02 21 16.19 - EXISTING MANHOLE
- 02 21 16.22 - EXISTING POWER POLE
- 02 21 16.33 - EXISTING FENCE

DIVISION 07 - THERMAL AND MOISTURE PROTECTION
- 07 71 26.01 - ROOF DRAIN

DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING
- 23 74 00.01 - ROOF TOP UNIT - SEE MECHANICAL

DIVISION 32 - EXTERIOR IMPROVEMENTS
- 32 10 13.05 - PAVED PARKING
- 32 13 13.05 - CONCRETE SIDEWALK
- 32 16 13.01 - CONCRETE CURB
- 32 17 23.25 - ADA PARKING SYMBOL

BDA Architecture, P.C.
Building Design for Animals, LLC
901 Lambeth Pl. NE
Albuquerque, NM 87107
Phone: (505) 888-0180
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BDA

REGISTERED ARCHITECT PAUL M. GLADYCH 17591-1 STATE OF NEW YORK

07-01-24

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE & EDUCATIONAL SERVICES, INC.

R.G.C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD, LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

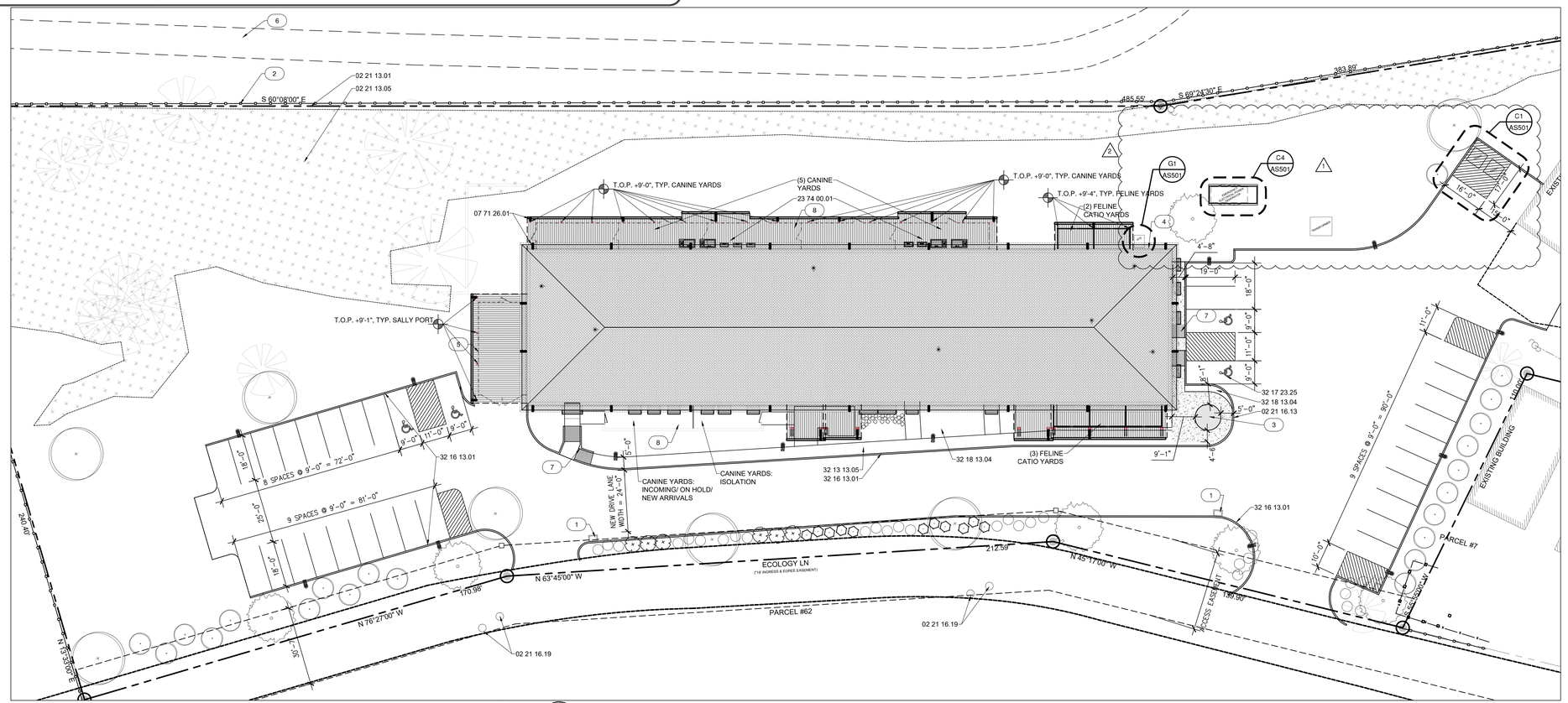
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SHEET KEYNOTES

1. EXISTING DRAINAGE CATCH BASIN.
2. EXISTING FENCING ALONG PROPERTY LINE
3. NEW DECORATIVE STATUE/ MONUMENT BY OWNER.
4. EXISTING ELECTRICAL METER BANK AND SERVICE DISCONNECT.
5. FENCED SALLY PORT WITH FLAT ROOF.
6. EXISTING DIRT ROAD/ DIRT TRAIL IN ADJACENT PROPERTY
7. NEW CONCRETE SIDEWALK ALONG FRONT OF BUILDING AND SOUTHEAST SIDE. 4" THK CONCRETE SIDEWALK WITH ADA RAMPS AS REQUIRED. (APPROXIMATELY 2,538 SF)
8. NEW ARTIFICIAL TURFF "K9-GRASS" IN FRONT OF BUILDING AND IN EXTERIOR CANINE YARDS/FELINE ENCLOSURES. (APPROXIMATELY 4,642 SF)

PATTERN LEGEND

- EXISTING CONCRETE PAD
- EXISTING WETLANDS
- NEW ARTIFICIAL TURFF
- NEW CONCRETE SIDEWALK



A3 **ARCHITECTURAL SITE PLAN**

1" = 30'-0"

PLAN NORTH

TRUE NORTH

ARCHITECTURAL SITE PLAN

REV.#	DATE	COMMENTS
REVISION: 1	-	ADDENDUM #3
REVISION: 2	9/16/2025	ASI-C-05
REVISION:	-	-
REVISION:	-	-

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INITIALS	
-	BDA DSGN. REV.
-	BDA TECH REV.

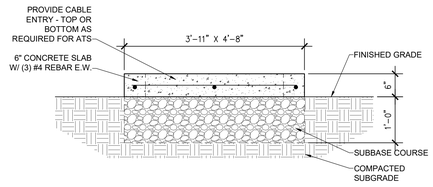
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DRAWN: -
DATE: 7/1/2024

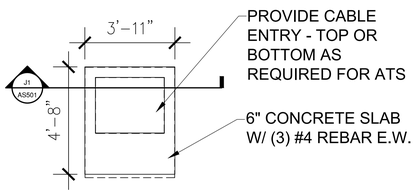
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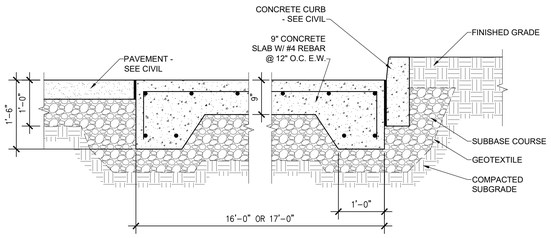
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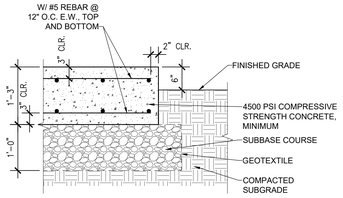
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3/4" = 1'-0"



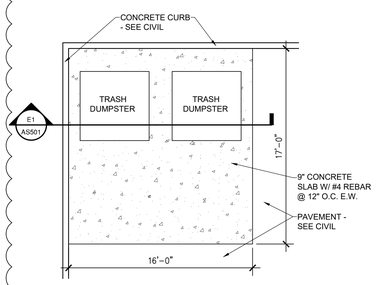
G1 ATS PAD
3/8" = 1'-0"



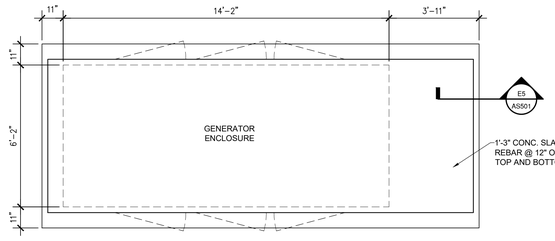
E1 DUMPSTER PAD DETAIL
3/4" = 1'-0"



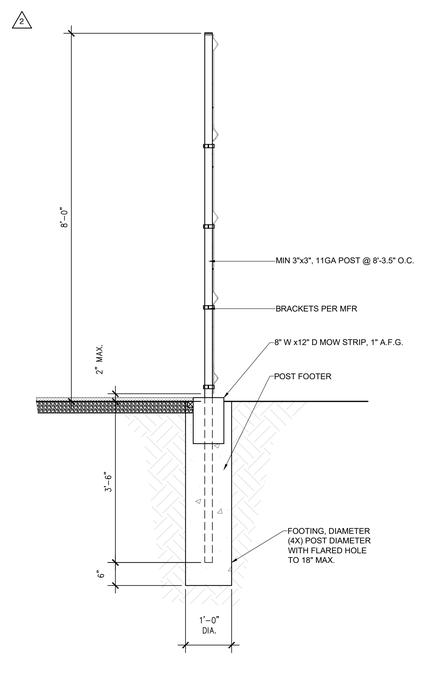
E5 GENERATOR PAD DETAIL
3/4" = 1'-0"



C1 DUMPSTER PAD
3/16" = 1'-0"

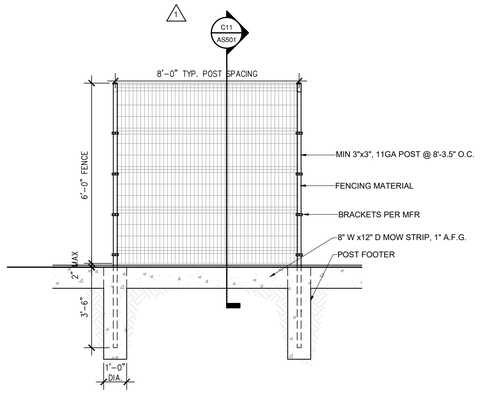


C4 GENERATOR PAD
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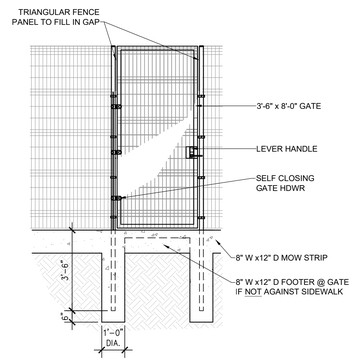


C8 FENCE POST DETAIL
3/4" = 1'-0"

C11 CANINE ENCLOSURE FENCE
3/4" = 1'-0"



A8 CANINE ENCLOSURE FENCE
3/8" = 1'-0"



A11 CANINE ENCLOSURE FENCE
3/8" = 1'-0"

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REGISTERED ARCHITECT PAUL M. GLADYCH 17391-1 STATE OF NEW YORK

07-01-24

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE & EDUCATIONAL SERVICES, INC.

R.G.C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD, LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

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SITE DETAILS

REV.#	DATE	COMMENTS
1	9/9/2024	ADDENDUM #2
2	-	ADDENDUM #3
3	9/15/2024	ASI-C-05
REVISION:	-	-
REVISION:	-	-
REVISION:	-	-
REVISION:	-	-

REVIEWS	
INITIALS	
-	BDA DSGN. REV.
-	BDA TECH REV.

TWH

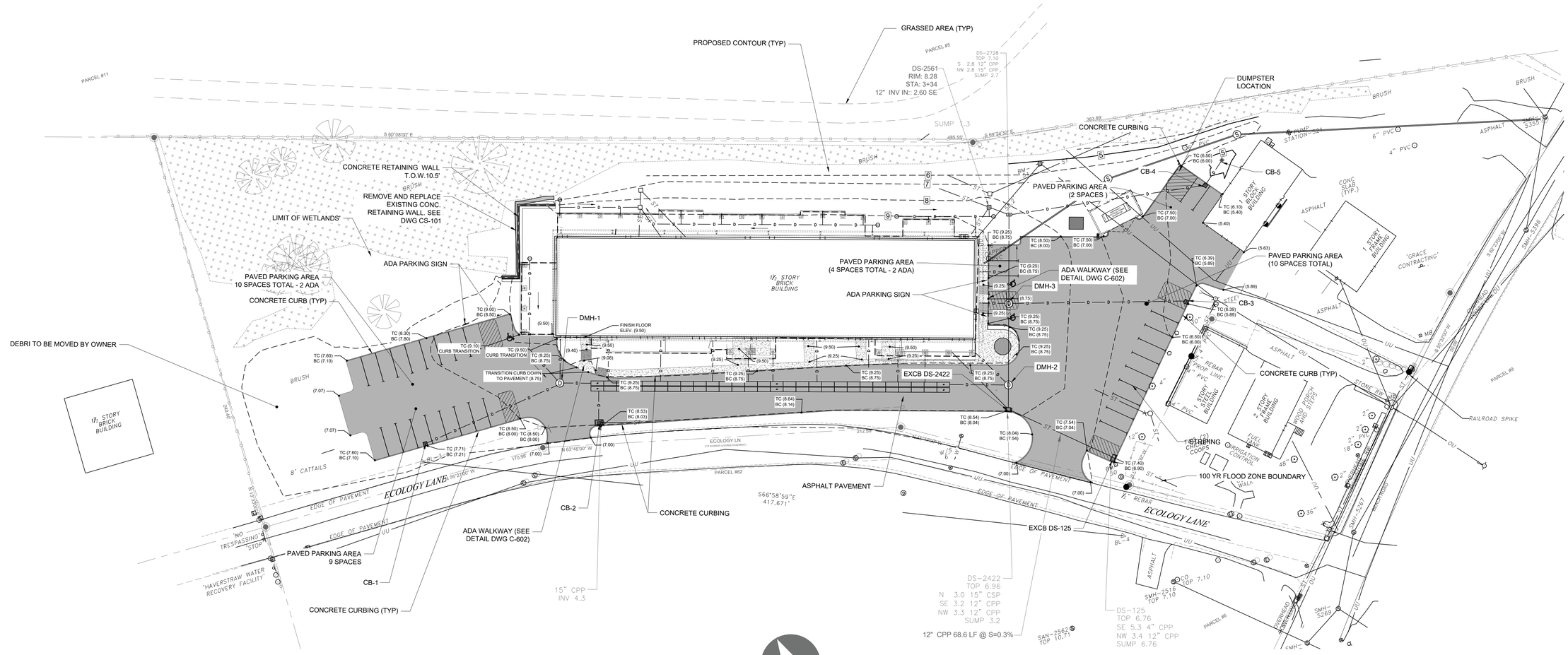
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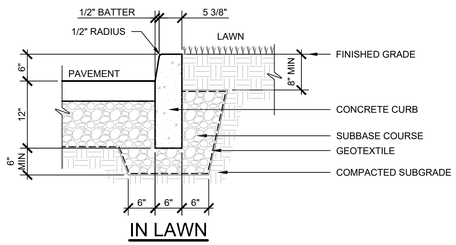
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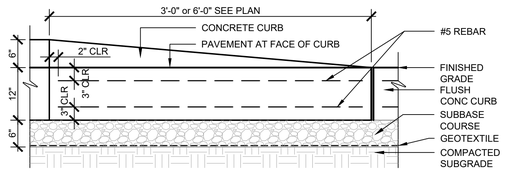
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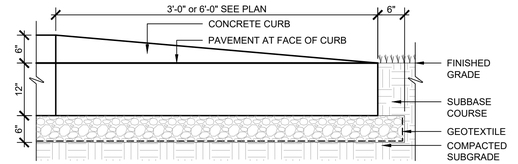
SITE - PLAN
SCALE: 1" = 30'



CONCRETE CURB
Scale: NTS



CONCRETE CURB - TRANSITION
Scale: NTS



CONCRETE CURB - END
Scale: NTS

SCALE 1" = 40'

30 0 10 30 60

GRAPHIC SCALE (IN FEET)

J:\20098 Rockland Green\Cad\Working Drawings\animal shelter\Curb\20098 - ASI-C-3.dwg

ORIGINAL DRAWING SIZE: ARCH D (24" X 36")

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CLIENT / SUBCONSULTANT:

EDR a better environment
Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1100
Syracuse, New York 13202
P. 315.471.0688


PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**
CLIENT: **ROCKLAND GREEN**
DRAWING TITLE: **SITE - PLAN**
CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2	09/25/2024	ADDENDUM No.3	JJO	JHH	MET
3	05/05/2025	ASI-C-03 (3)	JTW	JHH	MET
4					
5					
6					

EDR JOB#: **20098**
DATE: **09/24/2024**
SCALE: **1" = 30'**
DRAWN BY: **JJO**
CHECKED BY: ~~JHH~~
DRAWING NUMBER: (3)
C-102

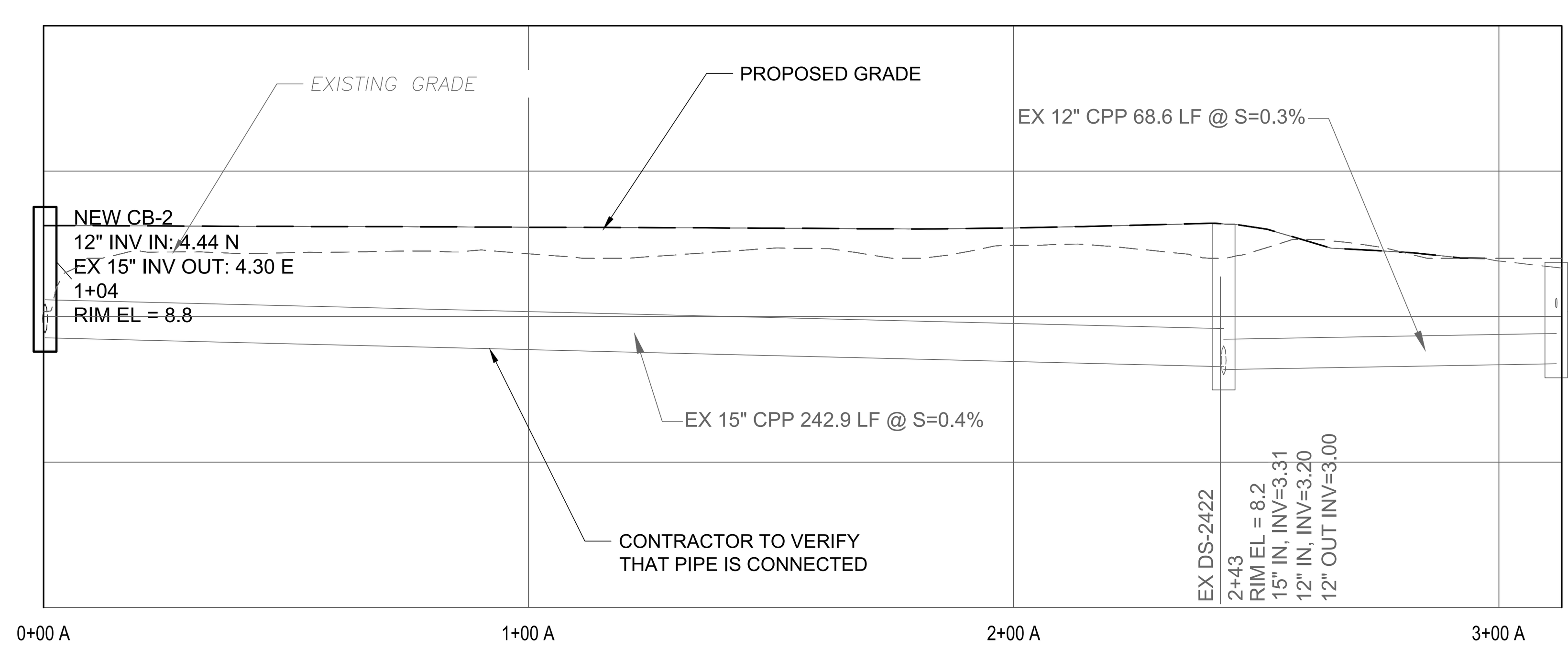


DRAINAGE - PLAN

SCALE: 1" = 30'

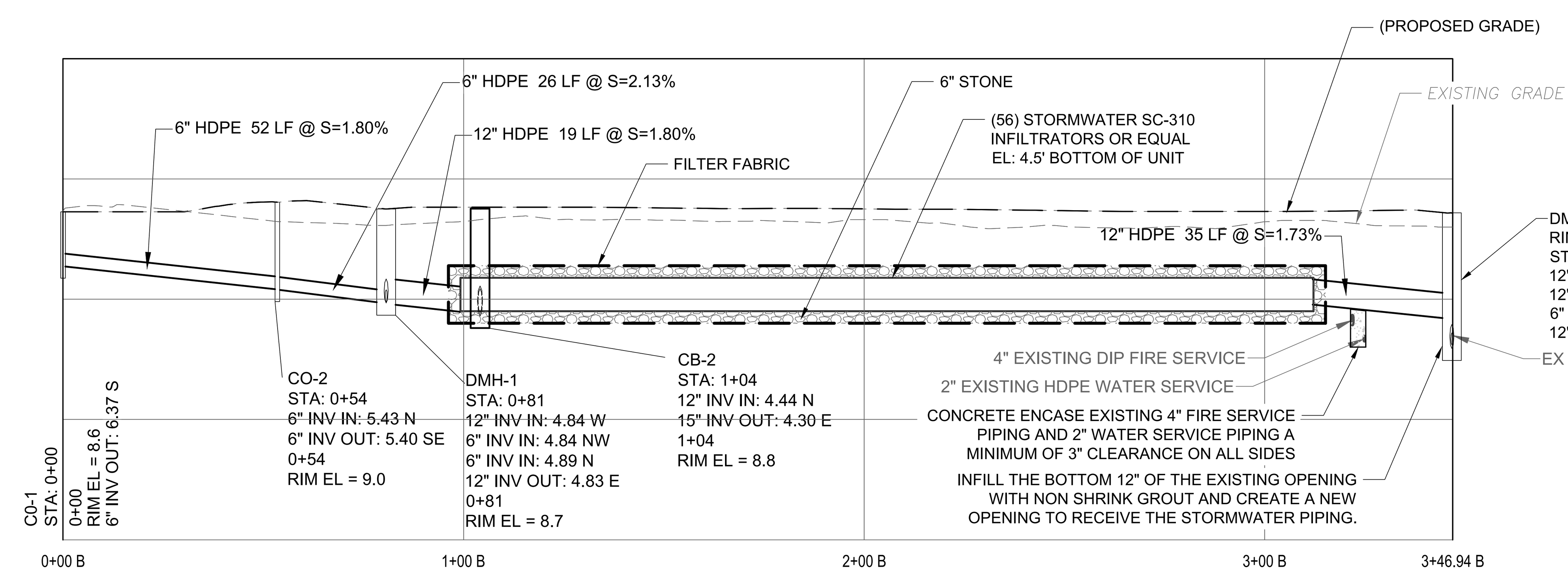
GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE ADEQUATE SUPPORT TO THE FIRE PROTECTION PIPING AND WATER MAIN PIPING DURING CONCRETE ENCASEMENT TO PREVENT ANY DEFLECTION OR SAGGING OF THE PIPE.
2. CONCRETE USED FOR PIPE ENCASEMENT SHALL BE A MINIMUM 4,500 PSI CONCRETE, MEETING THE REQUIREMENTS OF THE CONCRETE MIX DESIGN SPECIFIED IN SECTION 033000.



ALIGN A - PROFILE

SCALE: 1" = 30' HORIZONTAL
1" = 5' VERTICAL



ALIGN B - PROFILE

SCALE: 1" = 30' HORIZONTAL
1" = 5' VERTICAL

GRAPHIC SCALE (IN FEET)

GRAPHIC SCALE (IN FEET)

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217 Montgomery Street, Suite 1100
Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE:

RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: HAVERSTRAW, NEW YORK

CLIENT: ROCKLAND GREEN

DRAWING TITLE: DRAINAGE - PLAN AND PROFILES

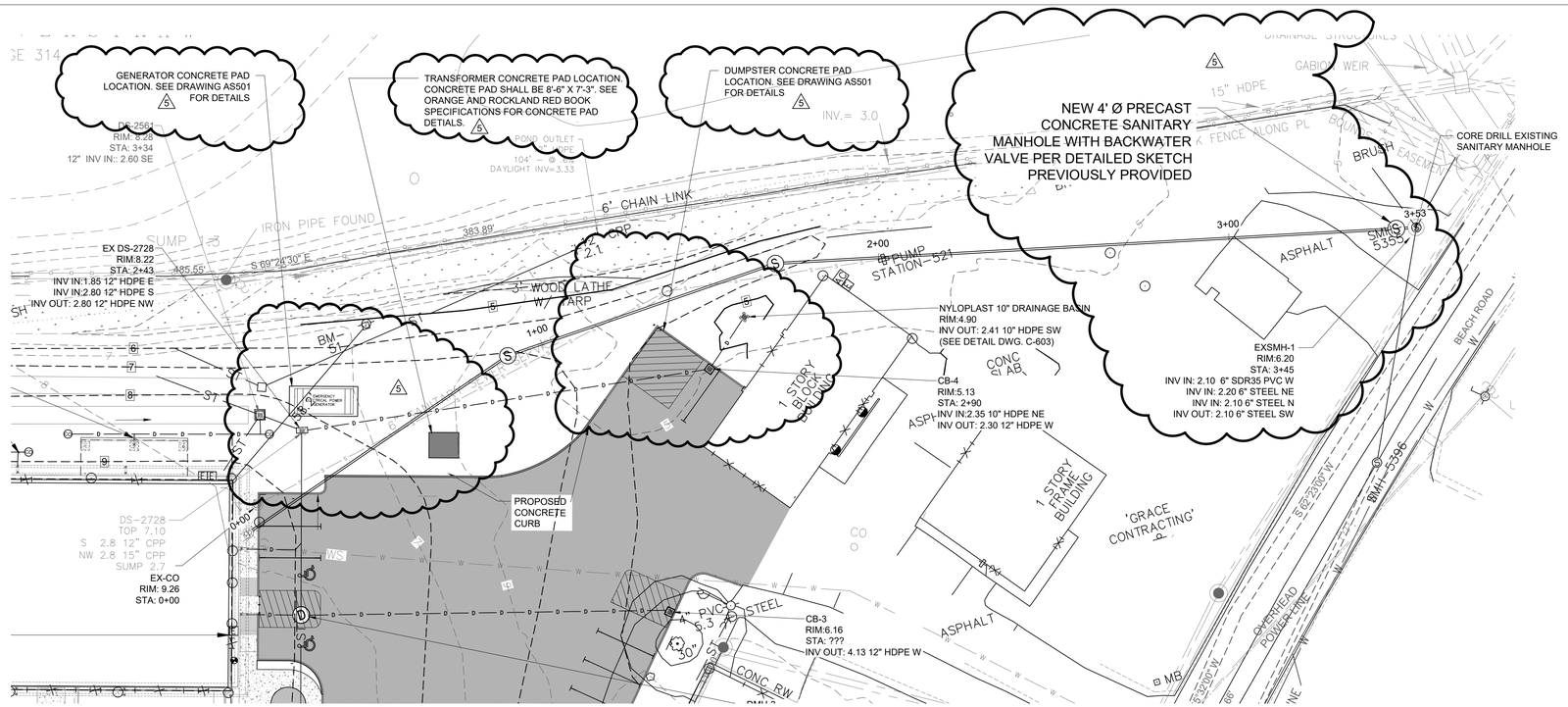
CONTRACT NO.

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4	07/08/2025	ASI-C-04	JTW	JHH	JHH
5	09/12/2025	ASI-C-05	JTW	JHH	JHH
6					

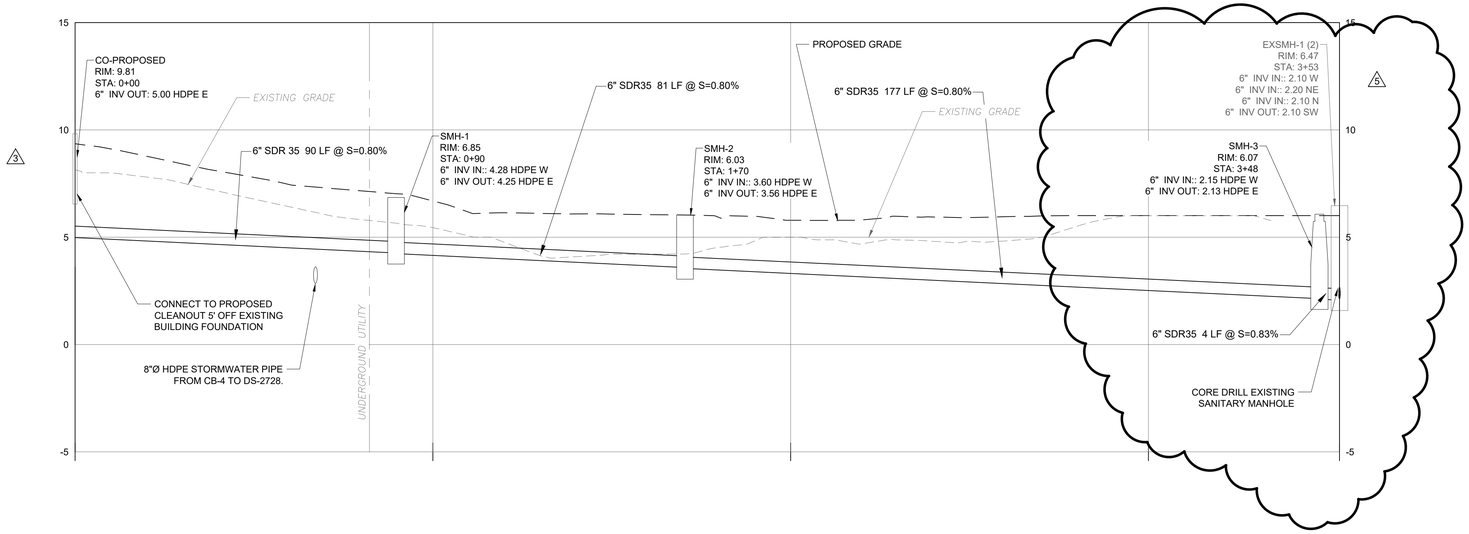
EDR JOB#: 20098
DATE: 09/24/2024
SCALE: 1" = 30'
DRAWN BY: JJO
CHECKED BY: JHH
DRAWING NUMBER:

C-103



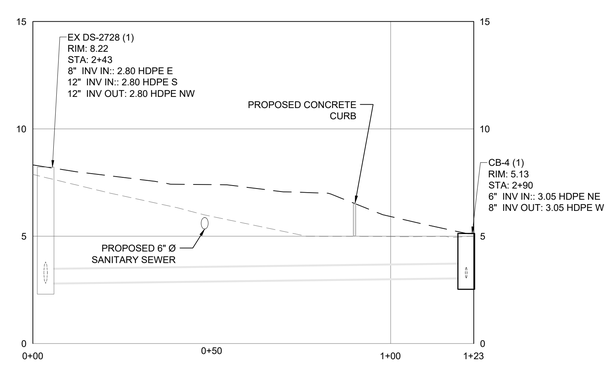
SEWER LATERAL CONNECTION - PLAN

SCALE: 1" = 30'



SEWER LATERAL CONNECTION - PROFILE

SCALE: 1" = 20' HORIZONTAL
1" = 5' VERTICAL



CB-4STORMWATER PIPE - PROFILE

SCALE: 1" = 20' HORIZONTAL
1" = 5' VERTICAL

GRAPHIC SCALE (IN FEET) 20 10 0 10 20 40

GRAPHIC SCALE (IN FEET) 5 0 5 10

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217 Montgomery Street, Suite 1100
Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**
CLIENT: **ROCKLAND GREEN**
DRAWING TITLE: **SEWER LATERAL CONNECTION - PLAN AND PROFILE**
CONTRACT NO.

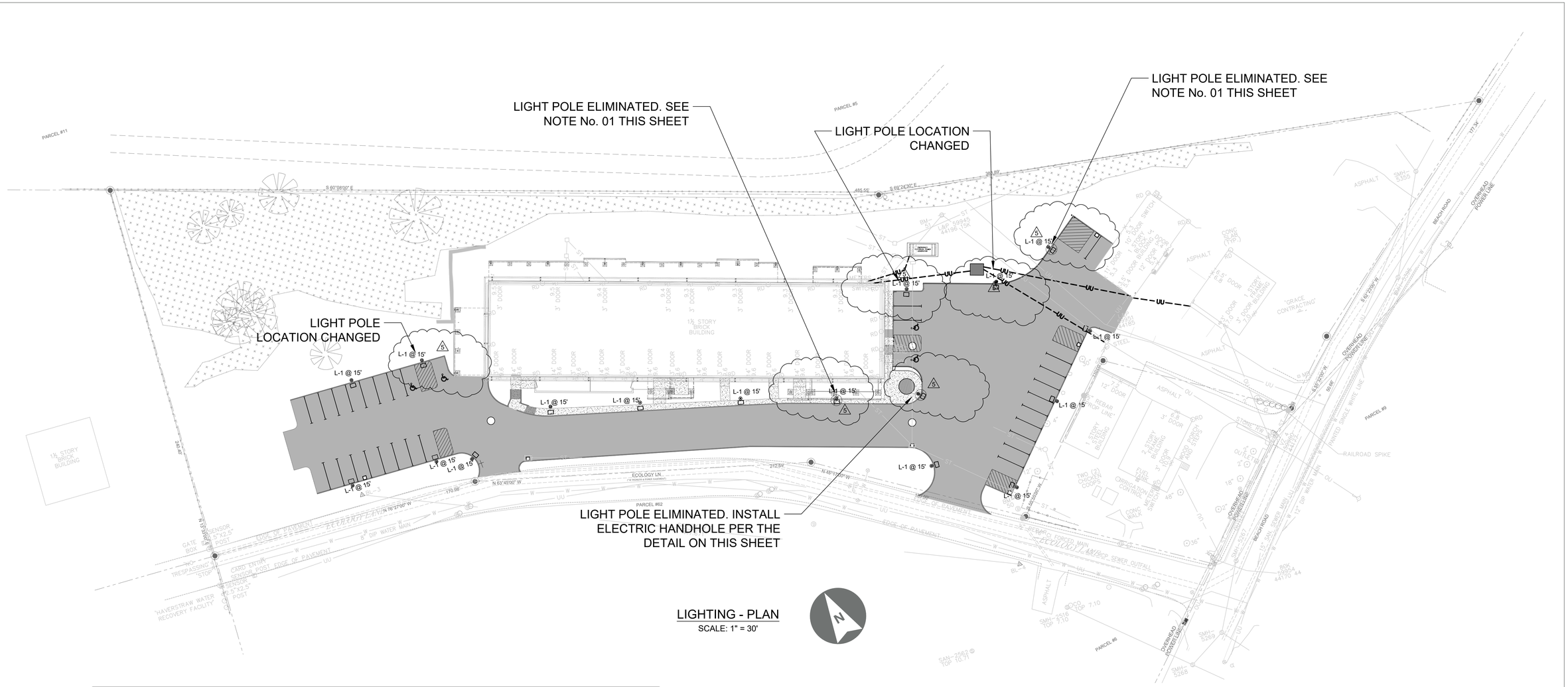
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1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
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4	07/08/2025	ASI-C-04	JTW	JHH	JHH
5	09/12/2025	ASI-C-05 (5)	JTW	JHH	JHH
6					

EDR JOB#: **20098**
DATE: **09/24/2024**
SCALE: **1" = 30'**
DRAWN BY: **JJO**
CHECKED BY: **JHH**
DRAWING NUMBER: (5)
C-104

Date Printed: 9/12/2025 2:54:59 PM
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ORIGINAL DRAWING SIZE: ARCH D (24" X 36")

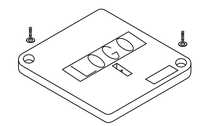
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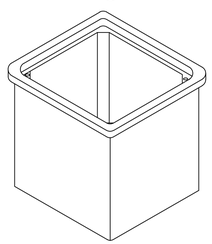


LIGHTING - PLAN

SCALE: 1" = 30'

Schedule								
Symbol	Label	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power
▭ ▫	L-1	LITHONIA LIGHTING	DSX0 LED P1 40K 70CRI T3LG PIR	D-Series Size 0 Area Luminaire P1 Performance Package 4000K CCT 70 CRI TYPE 3 LOW G RATING. 4" S POLE, DARK BRONZE, HIGH/LOW MOTION AMBIENT SENSOR.	1	4280	0.9	33.21





NOTES:
1. HANDHOLES COVERS SHALL BE GASKETED AND NOTED "LIGHTING" WITH BOLTED COVERS.
2. HANDHOLES SHALL BE OF PRECAST POLYMER CONCRETE CONSTRUCTION.
3. HANDHOLES SHALL BE RATED FOR ANSI TIER 22 WHEEL LOADING.
4. ALL HANDHOLES SHALL BE OPEN BOTTOM FOR DRAINAGE.
5. PROVIDE 6" DEEP, 1" CRUSHED STONE BED FOR DRAINAGE.
6. HANDHOLES SHALL BE UL LISTED ELECTRICAL ENCLOSURES.
7. HANDHOLES SHALL NOT BE LOCATED IN ROAD NOR DRIVEWAYS, SIDEWALKS ONLY.
8. HANDHOLES SHALL BE AS MANUFACTURED BY QUAZITE, TYPE PC.
9. ALL HANDHOLES SHALL BE 18"x18"x18" MINIMUM.

HAND HOLE DETAIL

NOT TO SCALE

GENERAL NOTES:

1. EXTERIOR POLE MOUNTED LIGHTS AND LIGHT POLE BASES ARE ELIMINATED IN THESE SPECIFIED AREAS. NEW WALL MOUNTED OR BUILDING MOUNTED FIXTURES WILL BE INSTALLED IN LIEU OF THESE LIGHT POLES/FIXTURES/CONCRETE BASES. DETAILS FOR THE NEW FIXTURES AND POWER FEEDS WILL BE ISSUED IN A SEPARATE ASI.

J:\20098 Rockland Green\Cad\Working Drawings\Journal (Author\Lighting\20098_L101_REV1.dwg

ORIGINAL DRAWING SIZE: ARCH D (24" X 36")

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P. 315.471.0688

PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **EXTERIOR LIGHTING - PLAN**

CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2	09/25/2024	ADDENDUM No.3	JJO	JHH	MET
3	05/05/2025	ASI-C-03	JTW	JHH	MET
4	07/08/2025	ASI-C-04	JTW	JHH	JHH
5	09/12/2025	ASI-C-05 (5 Revisions)	JTW	JHH	JHH
6					

EDR JOB#: **20098**
DATE: **09/24/2024**
SCALE: **1" = 30'**
DRAWN BY: **JHH**
CHECKED BY:
DRAWING NUMBER:
CL-101

REFERENCE KEYNOTES

DIVISION 02 - EXISTING CONDITIONS
02 25 53.35 - EXISTING FIRE RISER

DIVISION 03 - CONCRETE
03 31 13.01 - CONCRETE SLAB - SEE STRUCTURAL
03 31 29.11 - SLOPE FLOOR TO DRAIN

DIVISION 04 - MASONRY
04 40 13.01 - STONE VENEER
04 43 13.16 - ADHERED NATURAL THIN STONE VENEER

DIVISION 05 - METALS
05 52 00.01 - METAL RAILING SYSTEM
05 73 00.01 - DECORATIVE METAL RAILING

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES
06 11 19.08 - WOOD COLUMN - SEE STRUCTURAL
06 22 00.05 - WOOD CAP AT PARTIAL HEIGHT WALL
06 41 16.04 - 18" DEEP PLASTIC LAMINATE BASE CABINET
06 41 19.15 - PLASTIC LAMINATE EXAM CABINET
06 41 23.27 - FULL HEIGHT PLASTIC LAMINATE CABINET
06 41 26.25 - 12" DEEP FULL HEIGHT PLASTIC LAMINATE SHELVING UNIT
06 41 29.11 - PLASTIC LAMINATE BUILT-IN SHELVES
06 41 43.09 - 30" HIGH COUNTERTOP
06 41 46.01 - SOLID SURFACE COUNTERTOP

DIVISION 08 - OPENINGS
08 31 19.01 - DECORATIVE GATE
08 34 56.02 - METAL SECURITY GATE
08 50 53.01 - EXTERIOR WINDOW TO MATCH EXISTING
08 51 13.51 - INTERIOR ALUMINUM WINDOW AS SCHEDULED

DIVISION 09 - FINISHES
09 65 16.01 - RUBBER FLOORING

DIVISION 10 - SPECIALTIES
10 14 19.11 - METAL LETTERS ON STAND-OFFS
10 22 13.05 - WOVEN WIRE SCREEN
10 22 26.05 - DIVIDER WALL PANEL - SEE DETAIL H5/A502
10 56 00.11 - 3 LEVELS OF SHELVING
10 73 13.01 - AWNING

DIVISION 11 - EQUIPMENT
11 28 13.05 - WALL MOUNTED COMPUTER MONITOR - N.I.C. - PROVIDE BLOCKING
11 72 46.25 - SST. SHELF - O.F.C.I.

DIVISION 12 - FURNISHINGS
12 51 13.01 - WORKSTATION - N.I.C.
12 52 00.01 - BENCH - N.I.C.
12 93 23.01 - TRASH CAN - N.I.C.

DIVISION 22 - PLUMBING
22 05 00.01 - PLUMBING ACCESS PANEL
22 11 19.15 - HOT AND COLD HOSE BIBB STATION
22 11 19.16 - COLD HOSE BIBB STATION
22 14 26.05 - SST. TRISTAR TRENCH DRAIN
22 14 26.21 - FLOOR DRAIN
22 42 16.05 - CORNER MOUNTED SINK
22 42 36.21 - MOP SINK
22 42 36.31 - WASHER BOX

DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING
23 31 00.01 - DUCT - SEE MECHANICAL
23 37 13.21 - VENTS FOR OXYGEN CLOSET - SEE MECHANICAL
23 37 13.32 - LOUVER - SEE MECHANICAL
23 74 00.02 - MECHANICAL UNIT - SEE MECHANICAL

DIVISION 26 - ELECTRICAL
26 24 16.01 - ELECTRIC PANEL - SEE ELECTRICAL

DIVISION 32 - EXTERIOR IMPROVEMENTS
32 18 13.02 - 'K9 GRASS' ARTIFICIAL GRASS SYSTEM
32 31 00.02 - FENCED ENCLOSURE
32 31 00.04 - SECURITY ENCLOSURE
32 31 00.06 - SCREENED ENCLOSURE
32 31 19.05 - 8' HIGH DECORATIVE METAL FENCE
32 31 23.53 - 8' HIGH VINYL FENCE
32 31 23.71 - VINYL GATE

EQUIPMENT SCHEDULE

TAG	REMARKS	OFCI	OFOI	CFCI
E1	DECORATIVE BENCH SEATING	--	--	X
E2	NOT USED	--	--	--
E3	NOT USED	--	--	--
E4	EMPLOYEE LOCKERS	--	--	X
E5	SHALLOW SHELVING	--	--	X
E6	HEAVY-DUTY SHELVING	--	--	X
E7	DEEP HEAVY-DUTY SHELVING	--	X	--
E8	LARGE OFFICE COPIER	--	--	X
E9	PET WASTE STATION	--	--	X
E10	WALL MOUNTED HOSE WHEEL @ 72" A.F.F - SEE PLAN FOR LENGTH	--	--	X
E11	WALL MOUNTED LARGE TV 66" A.F.F.	X	--	--
E12	STACKED WASHER AND DRYER	X	--	--
E13	RESIDENTIAL REFRIGERATOR	--	X	--
E14	UNDER-COUNTER FRIDGE-18"	--	X	--
E15	UNDER-COUNTER DISHWASHER	X	--	--
E16	MICROWAVE	--	X	--
E17	WALK-IN FREEZER ASSEMBLY	--	--	X
E18	OXYGEN MANIFOLD AND TANKS	--	--	X
E19	MEDICAL GAS ALARM BOX	--	--	X
E20	EMERGENCY EYE-WASH STATION	--	--	X
E21	SINGLE SST. SURGERY SCRUB SINK	--	--	X
E22	SST. SINK	--	--	X
E23	60" DEEP WET TABLE	--	--	X
E24	60" GROOMING BATHE	--	--	X
E25	ACTUATED LIFT & SCALE GURNEY	--	X	--

TAG	REMARKS	OFCI	OFOI	CFCI
E26	48" FOLDING EXAM TABLE	--	--	X
E27	30" FOLDING EXAM TABLE	--	--	X
E28	SURGERY - (E-LIFT/HEATED TABLE)	--	--	X
E29	MINI CUBEX - PHARMACY EQUIP	--	X	--
E30	NOT USED	--	--	--
E31	AUTOCLAVE	--	X	--
E32	ULTRASONIC CLEANER (1-SM & 1-LRG)	--	X	--
E33	ISO. CAGE BANK (FELINE)	--	--	X
E34	ISO. CAGE BANK (CANINE)	--	--	X
E35	ISO. CAGE BANK (CANINE)	--	--	X
E36	48" RECOVERY RUN GATE ATTACH TO WALL	--	--	X
E37	I.C.U./ REC. CAGE BANK (12' LENGTH/14 UNITS)	--	--	X
E38	"ADOPT-LV.1" 72" DEEP RUN GATE & PARTITION TYPE A -SHEET A101, A205, A206 & A503	--	--	X
E39	"EMPLOYEE -LV.1" 72" DEEP RUN G&P TYPE B-SHEET A101, A205, A206 & A503	--	--	X
E40	"HOLD-LV.1" 60" DEEP RUN G&P TYPE Ca -SHEET A101, A205, A206 & A503	--	--	X
E41	"HOLD-LV.1" 72" DEEP RUN G&P TYPE Cb -SHEET A101, A205, A206 & A503	--	--	X
E42	"ADOPT-LV.2" B-TO-B ELEVATED 72"DEEP RUNS TYPE Da & Db -SHEET A101, A205, A206 & A503	--	--	X
E43	CANINE RUN GUILLOTINE DOOR (IN-WALL)	--	--	X
E44	RUN PAIR- W/ GUILLOTINE SIDE DOOR.	--	--	X
E45	RABBIT BREEDING RACKS (6 UNITS)	--	--	X
E46	GUINEA PIG CAGE & RACKS (4 UNITS)	--	--	X

TAG	REMARKS	OFCI	OFOI	CFCI
E47	EXOTICS-"SQ" CAGE (BIRD TYP.2-STACK)	--	--	X
E48	EXOTICS-"SQ" CAGE (BIRD TYP.3-STACK)	--	--	X
E49	NOT USED	--	--	--
E50	NOT USED	--	--	--
E51	HOLD - 80"h STACKED FELINE 3-TIERS CONDOS	--	--	X
E52	HOLD - 64"h STACKED FELINE CONDOS W/ CAB	--	--	X
E53	ADOPT - 80"h STACKED FELINE 3-TIERS CONDOS	--	--	X
E54	ADOPT - 64"h STACKED FELINE CONDOS W/ CAB	--	--	X
E55	ADOPT - 69"h STACKED FELINE CONDOS W/ BASE	--	--	X
E56	FELINE CLIMBING TREE (CUSTOM)	--	X	--
E57	BUILT-IN FELINE CUBBINS/BEDDING CUBBIES	--	--	X
E58	BUILT-IN FELINE CUBBINS STEPS W/ CUBBIES	--	--	X
E59	INSUL. DBL.-DOG DOOR (PlexiDor-PD-MD-WALL)	--	--	X
E60	NOT USED	--	--	--
E61	NOT USED	--	--	--
E62	NOT USED	--	--	--
E63	NOT USED	--	--	--
E64	SINGLE ARM EXAM LIGHTING	--	--	X
E65	DUAL ARM SURGERY LIGHTING	--	--	X
E66	ADOPT - 80"h STACKED FELINE 3-TIERS CONDOS	--	--	X
E67	HOLD - 80"h STACKED FELINE 3-TIERS CONDOS	--	--	X
E68	MOBILE STORAGE - MAINTENACE TOOLS	--	X	--
E69	SECURITY SHELVING - CAGED & LOCKED	--	X	--

REFERENCE
• ABBREVIATIONS:
•• LV-1 = LEVEL 1
•• LV2 = LEVEL 2
•• ACCS. = ACCESORIES (ADDITIONAL ITEMS SPECIFICLY DESIGNED FOR RUN INTEGRATION
•• SQ = SQUARE/ CUBICAL BASE BIRD/WIRE CAGE
•• Ø = ROUND/ CIRCULAR BASE BIRD/WIRE CAGE
•• G&P = GATE & PARTITION(S)
•• LRG. = LARGE
•• INSUL. = INSULATED

GENERAL NOTES

A. ALL INTERIOR WALLS TO BE WALL TYPE WT1, U.N.O.SEE SHEET A504 FOR WALL TYPES. SEE WT12 FOR SILL AT ALL UPPER LEVEL WALLS.

B. ALL RUN AND CAGE BANK DIMENSIONS TO BE VERIFIED BEFORE INSTALLATION.

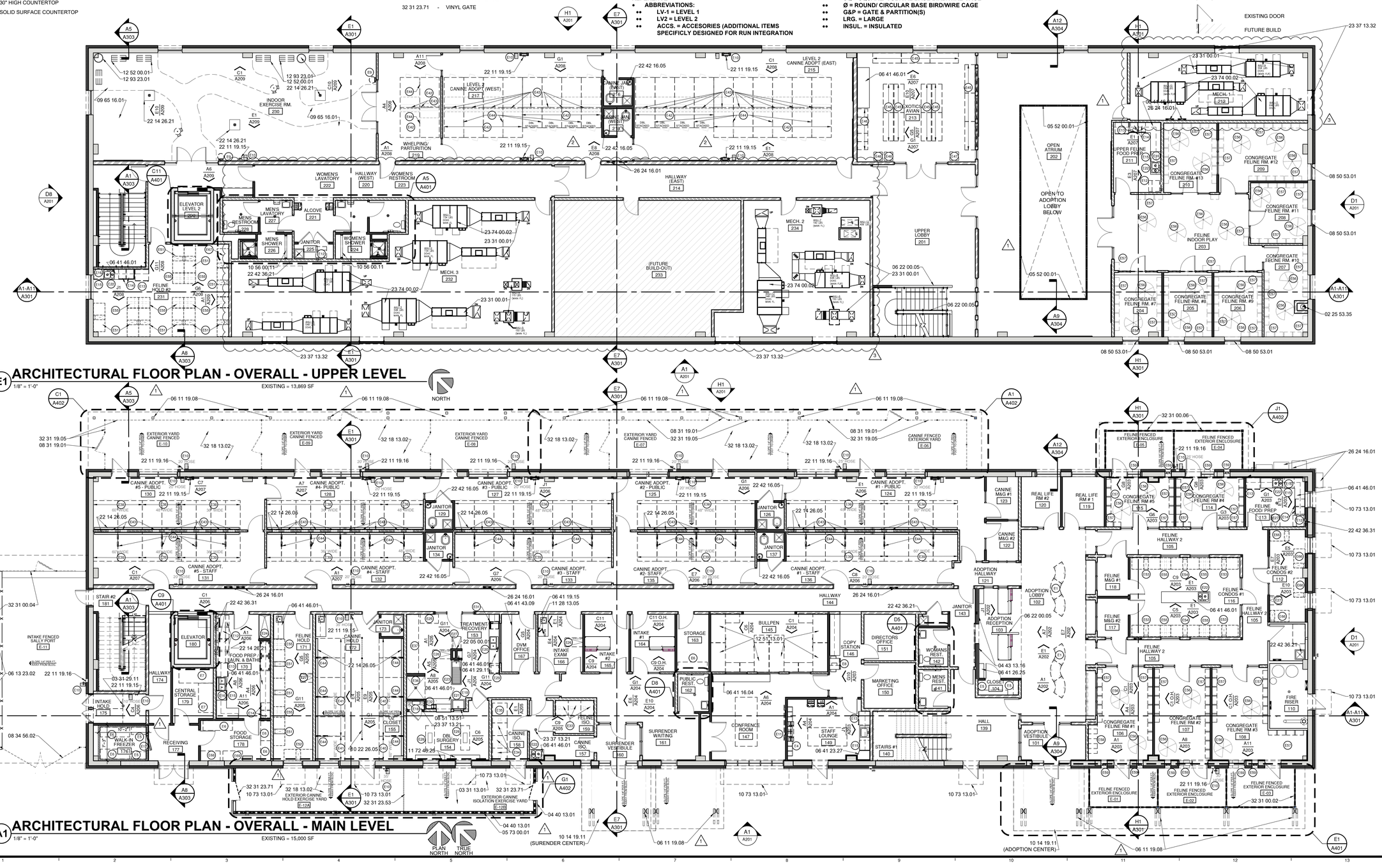
C. PROVIDE BLOCKING IN WALL FOR ALL WALL MOUNTED EQUIPMENT.

D. ALL EXPOSED OUTSIDE CORNERS OF INTERIOR WALLS SHALL HAVE CORNER GUARDS.

E. AT ALL VERTICAL TILE APPLICATIONS, INSTALL 'SCHLUTER' STRIPS ON OUTSIDE CORNERS. SEE SHEET A501 FOR ACOUSTICAL SOUND WALL DESIGN RESTORATIONS.

LEGEND

- NEW EXTERIOR 2x WOOD FRAME (MATCH EXISTING WALL DEPTH) INFILL WALL 5 1/2" RIGID INSULATION AND FIBER CEMENT (BOARD AND BATTEN) PANELS
- NEW INTERIOR 2X WOOD STUD WALL
- NEW INTERIOR 2X4 STUD WALL WITH STONE VENEER
- NEW INTERIOR 2X ACOUSTICAL STUD WALL
- NEW INTERIOR 2X6 LOAD BEARING STUD WALL
- NEW 8" CMU BLOCK ELEVATOR PARTITION
- EXISTING EXTERIOR 12" CMU BLOCK WALL W/ NEW 5 1/2" RIGID INSULATION AND FIBER CEMENT (BOARD AND BATTEN) PANELS
- EXISTING INTERIOR STUD WALL
- NEW DOOR
- EXISTING DOOR
- FUTURE BUILD



BDA Architecture, P.C.
Building Design for Animals, LLC
901 Lamberton Pl. NE
Albuquerque, NM 87107
Phone: (505) 888-0190
Fax: (505) 888-4514
Email: info@bdaarc.com

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BDA

REGISTERED ARCHITECT PAUL M. GLADYSZ 17591-1 STATE OF NEW YORK
07-01-24

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE & EDUCATIONAL SERVICES, INC.

R.G.C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD, LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

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ARCHITECTURAL FLOOR PLAN - OVERALL

REV.#	DATE	COMMENTS
REVISION: 1	9/9/2024	ADDENDUM #2
REVISION: 2	6/18/2025	RFI #56
REVISION: 3	7/9/2025	ASI #2
REVISION:		
REVISION:		

REVIEWS

INITIALS	
#	BDA DSGN. REV.
#	BDA TECH REV.

TWH
PROJECT NO.: 2246
DRAWN: -
DATE: 7/1/2024

A101

. OF .

Save Date: July 15, 2025 - 11:19 AM Mark
Plot Date: July 15, 2025 - 11:27 AM
Drawing Name: D:\Arch Projects\2246 - Rockland Green\BIM\WIS\Ch\2246_RG.C.A.R.E.S.Sheets\2246 A101 Architectural Floor Plan - Overall.dwg

LEGEND

- NEW EXTERIOR 12" CMU BLOCK INFILL WALL 5 1/2" RIGID INSULATION AND FIBER CEMENT (BOARD AND BATTEN) PANELS
- NEW INTERIOR 2X WOOD STUD WALL
- NEW INTERIOR 2X4 STUD WALL WITH STONE VENEER
- NEW INTERIOR 2X ACOUSTICAL STUD WALL
- NEW INTERIOR 2X6 LOAD BEARING STUD WALL
- NEW 8" CMU BLOCK ELEVATOR PARTITION
- EXISTING EXTERIOR 12" CMU BLOCK WALL W/ NEW 5 1/2" RIGID INSULATION AND FIBER CEMENT (BOARD AND BATTEN) PANELS
- EXISTING INTERIOR STUD WALL
- NEW DOOR
- EXISTING DOOR
- FUTURE BUILD

GENERAL NOTES

A. ALL INTERIOR WALLS TO BE WALL TYPE WT1, U.N.O., SEE SHEET A504 FOR WALL TYPES. SEE WT12 FOR SILL AT ALL UPPER LEVEL WALLS.

B. ALL EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING, OR FACE OF CMU, U.N.O.

C. FIELD VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION.

D. ALL RUN AND CAGE BANK DIMENSIONS TO BE VERIFIED BEFORE INSTALLATION.

E. ALL CLEAR DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH.

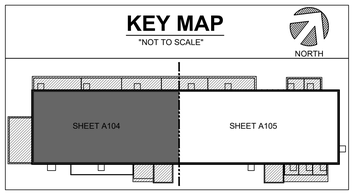
F. GROMMET LOCATIONS IN COUNTERTOPS TO BE VERIFIED WITH OWNER.

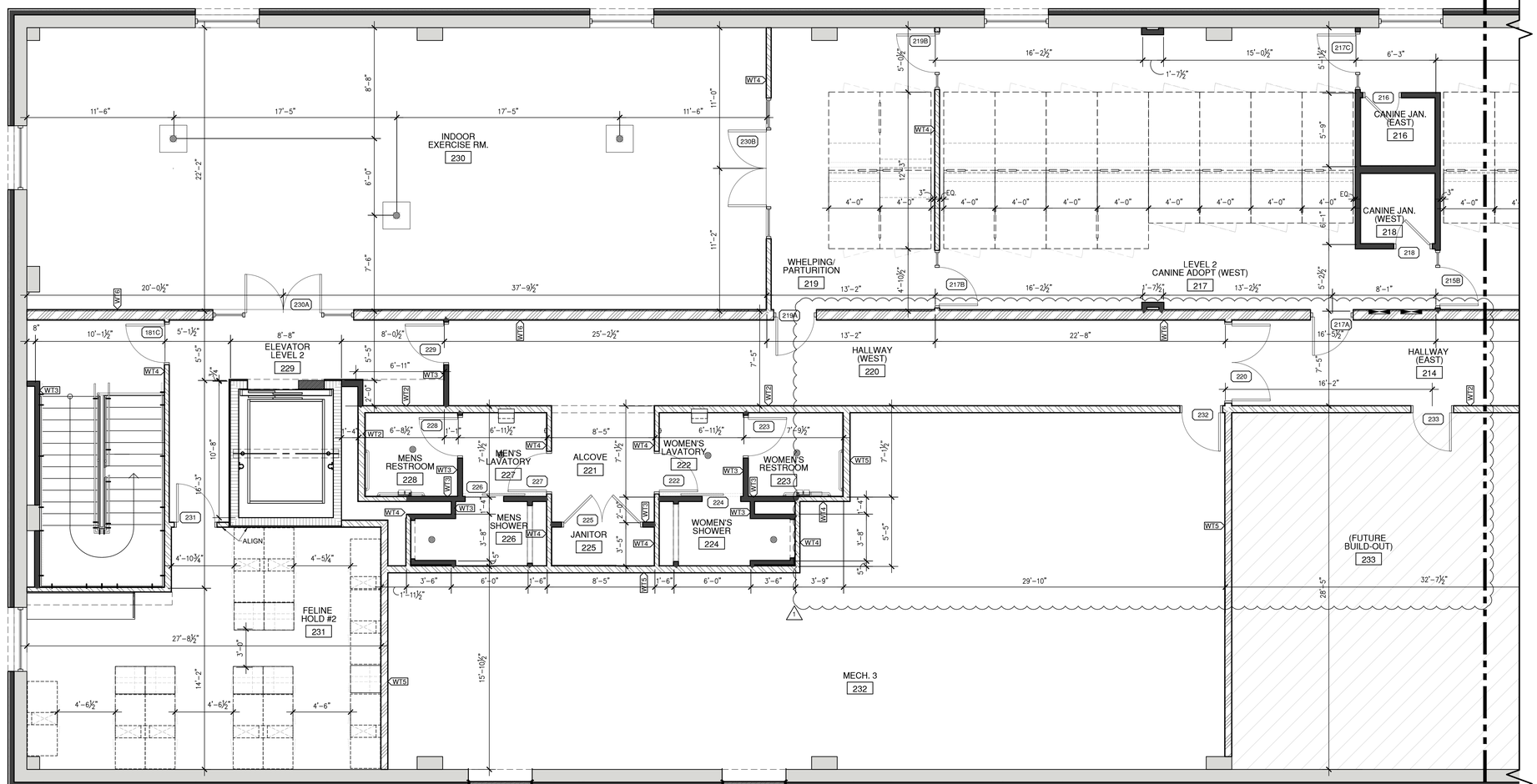
G. PROVIDE BLOCKING IN WALL FOR ALL WALL MOUNTED EQUIPMENT.

H. ALL DOORS OCCURRING AT AN ADJACENT WALL INTERIOR CORNER ALLOW 3" CLEARANCE TO ROUGH OPENING.

KEY MAP

"NOT TO SCALE"





A1 DIMENSION PLAN - UPPER LEVEL - WEST

1/4" = 1'-0"

EXISTING = 15,000 SF

NORTH

BDA Architecture, P.C.
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07-01-24

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE & EDUCATIONAL SERVICES, INC.

R.G.C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD, LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

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DIMENSION PLAN - UPPER LEVEL - WEST

REV.#	DATE	COMMENTS
REVISION: 1	7/9/2025	ASI #2
REVISION: -	-	-
REVISION: -	-	-
REVISION: -	-	-

REVIEWS	
INITIALS	
-	BDA DSGN. REV.
-	BDA TECH REV.

TWH

PROJECT NO.: 2246
DRAWN: -
DATE: 7/1/2024

A104

- OF -

Save Date: July 9, 2025 - 11:37 AM - Mark
Plot Date: July 15, 2025 - 11:20 AM
Drawing Name: O:\Active\2022\2246 - Rockland Green\BDA\DWGS\CDs\2246 - RG.C.A.R.E.S\Sheets\2246 A104 Dimension Plan - Upper Level - West.dwg

LEGEND

- NEW EXTERIOR 12" CMU BLOCK INFILL WALL 5 1/2" RIGID INSULATION AND FIBER CEMENT (BOARD AND BATTEN) PANELS
- NEW INTERIOR 2X WOOD STUD WALL
- NEW INTERIOR 2X4 STUD WALL WITH STONE VENEER
- NEW INTERIOR 2X ACOUSTICAL STUD WALL
- NEW INTERIOR 2X6 LOAD BEARING STUD WALL
- NEW 8" CMU BLOCK ELEVATOR PARTITION
- EXISTING EXTERIOR 12" CMU BLOCK WALL W/ NEW 5 1/2" RIGID INSULATION AND FIBER CEMENT (BOARD AND BATTEN) PANELS
- EXISTING INTERIOR STUD WALL
- NEW DOOR
- EXISTING DOOR
- FUTURE BUILD

GENERAL NOTES

A. ALL INTERIOR WALLS TO BE WALL TYPE WT1, U.N.O., SEE SHEET A504 FOR WALL TYPES. SEE WT12 FOR SILL AT ALL UPPER LEVEL WALLS.

B. ALL EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING, OR FACE OF CMU, U.N.O.

C. FIELD VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION.

D. ALL RUN AND CAGE BANK DIMENSIONS TO BE VERIFIED BEFORE INSTALLATION.

E. ALL CLEAR DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH.

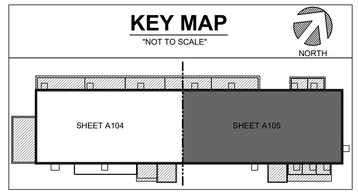
F. GROMMET LOCATIONS IN COUNTERTOPS TO BE VERIFIED WITH OWNER.

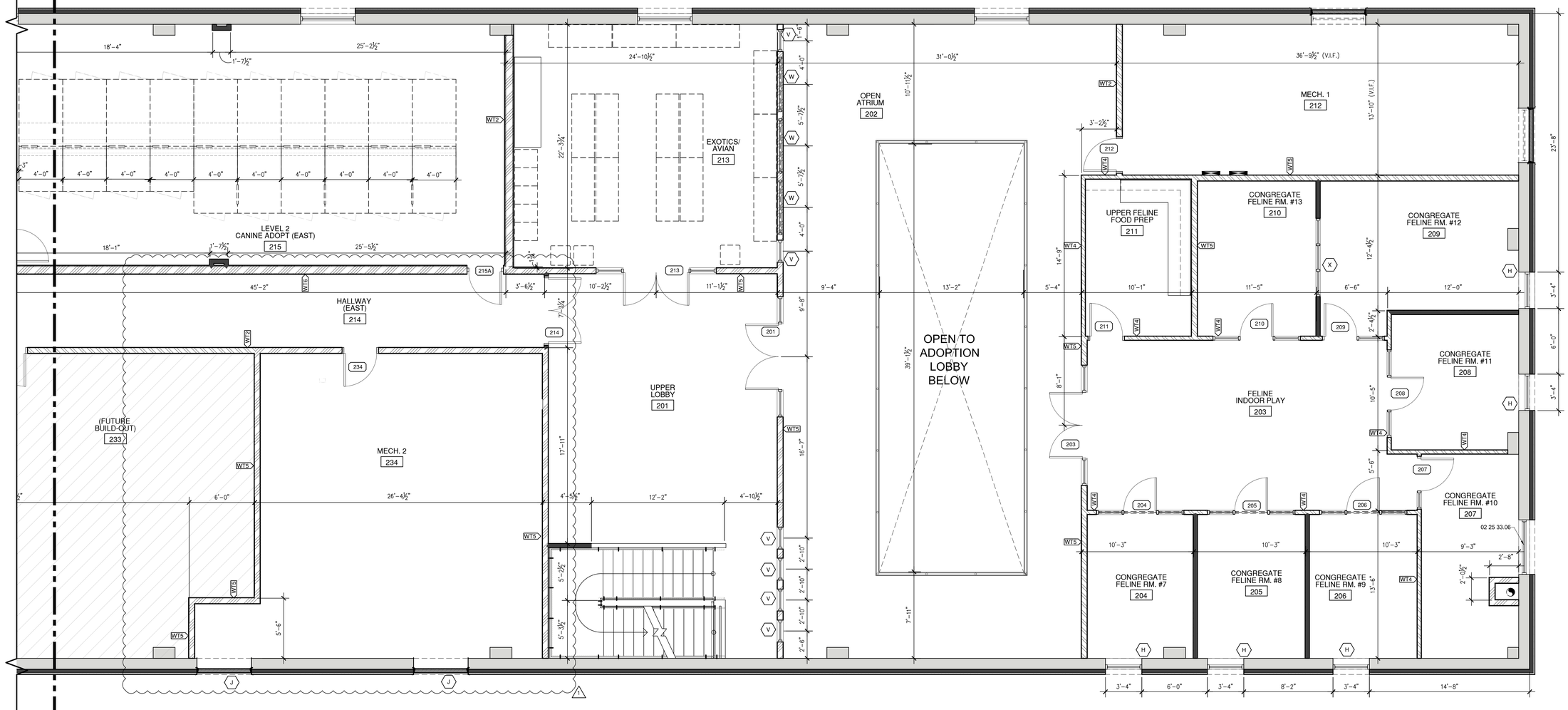
G. PROVIDE BLOCKING IN WALL FOR ALL WALL MOUNTED EQUIPMENT.

H. ALL DOORS OCCURRING AT AN ADJACENT WALL INTERIOR CORNER ALLOW 3" CLEARANCE TO ROUGH OPENING.

KEY MAP

"NOT TO SCALE"





A1 DIMENSION PLAN - UPPER LEVEL - EAST

1/4" = 1'-0"

EXISTING = 15,000 SF

NORTH

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DIMENSION PLAN - UPPER LEVEL - EAST

REV.#	DATE	COMMENTS
1	7/9/2025	ASI #2
REVISION:	-	-
REVISION:	-	-
REVISION:	-	-
REVISION:	-	-

REVIEWS

INITIALS	
-	BDA DSGN. REV.
-	BDA TECH REV.

TWH

PROJECT NO.: 2246
DRAWN: -
DATE: 7/1/2024

A105

- OF -

Save Date: July 9, 2025 - 11:40 AM, Mark
Plot Date: July 15, 2025 - 11:29 AM
Drawing Name: G:\Library\2022\2246 - Rockland Green\BDA\DWGS\Ch\2246 - RG.C.A.R.E.S\Sheets\2246-A105 Dimension Plan - Upper Level - East.dwg

LEGEND

- ACOUSTICAL TILE CEILING SYSTEM TYPE No.1 24" X 24", ARMSTRONG, CIRRUS #584 (AT-1)
- ACOUSTICAL TILE CEILING SYSTEM TYPE No.2 24" X 48", ARMSTRONG, ULTIMA #1913 (AT-2)
- ACOUSTICAL TILE CEILING SYSTEM TYPE No.3 24" X 48", ARMSTRONG, CLEAN ROOM VL #870 (AT-3)
- NEW - 5/8" PAINTED GYPSUM BOARD CEILING.
- NEW - 2x8 TONGUE AND GROOVE CEILING/DECKING
- NEW - CEMENTITIOUS WOOD FIBER DECK
- EXISTING - 5/8" PAINTED GYPSUM BOARD CEILING TO REMAIN. PATCH AND REPAIR WHERE REQUIRED.
- EXISTING - 5/8" PAINTED GYPSUM BOARD CEILING OVER UN-FINISHED SPACES.
- 2'x2' RECESSED LED LIGHT FIXTURE
- 2'x4' RECESSED LED LIGHT FIXTURE
- 2'x4' INDIRECT RECESSED LED LIGHT FIXTURE
- 2'x4' SURFACE MOUTNED LED LIGHT FIXTURE
- 1' X 4' SURFACE MOUNTED LED LIGHT FIXTURE
- 1' X 4' RECESSED LED LIGHT FIXTURE
- SUSPENDED LED FIXTURE
- 1' X 4' INDIRECT WALL MOUNTED LED LIGHT FIXTURE
- RECESSED MOUNTED FIXTURE
- SMALL PENDANT FIXTURE
- VAPOR PROOF RECESSED LED DOWN LIGHT
- EXTERIOR LIGHT
- CEILING MOUNTED SURGERY LIGHT C.F.C.I. (VERIFY WITH OWNER EXACT TYPE. PROVIDE J-BOX IN CEILING), MOUNT TO SECURE STRUCTURE PER MANUFACTURERS RECOMMENDATION - SEE DTL. F7/A502
- CEILING MOUNTED EXAM LIGHT C.F.C.I. (VERIFY WITH OWNER EXACT TYPE. PROVIDE J-BOX IN CEILING), MOUNT TO SECURE STRUCTURE PER MANUFACTURERS RECOMMENDATION - SEE DTL. F7/A502
- CEILING MOUNTED I.V. TRACK SYSTEM WITH HOOKS BY 'INPRO CORP.' 1-(800) 437-2698
- AE ANESTHESIA OUTLET
- O2 OXYGEN OUTLET
- LARGE PENDENT LIGHT FIXTURE
- CEILING FAN
- SOUND DISSIPATER
- SUPPLY AIR DIFFUSER - SEE MECHANICAL
- RETURN AIR GRILLE - SEE MECHANICAL
- EXHAUST FAN GRILLE - SEE MECHANICAL

GENERAL NOTES

A. ALL CEILING HEIGHTS 9'-0" A.F.F. U.N.O.

B. VERIFY LOCATION AND QUANTITY OF CEILING MOUNTED I.V. TRACK STEMS WITH OWNER. PRIOR TO INSTALLATION OF ADJACENT LIGHTING FIXTURES AND HVAC REGISTERS/GRILLS.

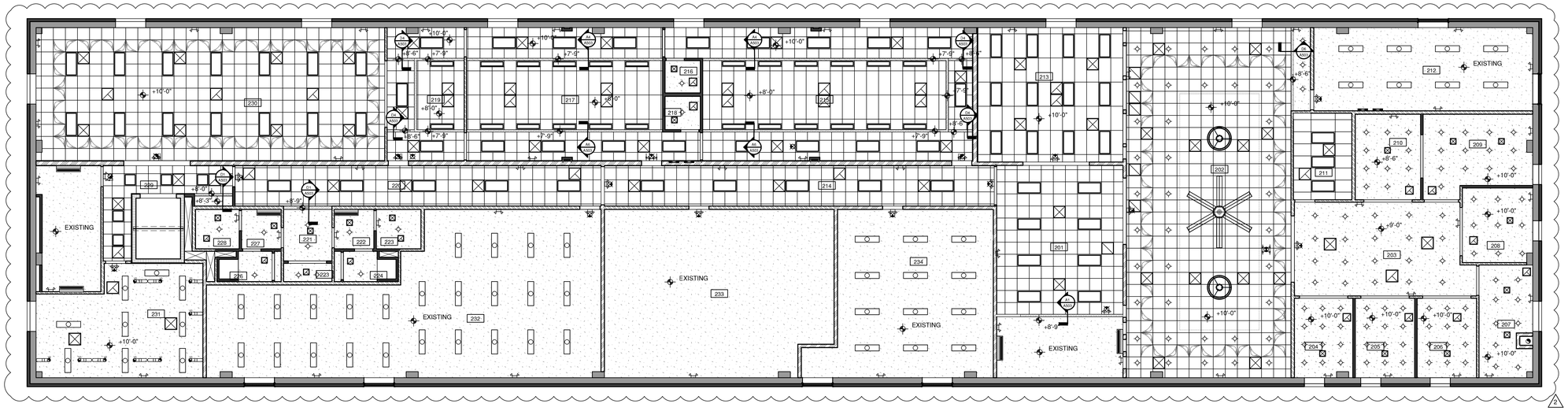
C. ALL ACOUSTIC WALLS TO EXTEND TO STRUCTURE ABOVE AND TO BE SEALED AROUND PERIMETER. SEE SOUND ATTENUATION DETAILS ON SHEET A501

D. ALL LIGHTS TO BE MOUNTED FLUSH WITH CEILING U.N.O.

E. ALL EMERGENCY AND EXIT LIGHTS ARE SHOWN ON ELECTRICAL LIGHTING PLANS.

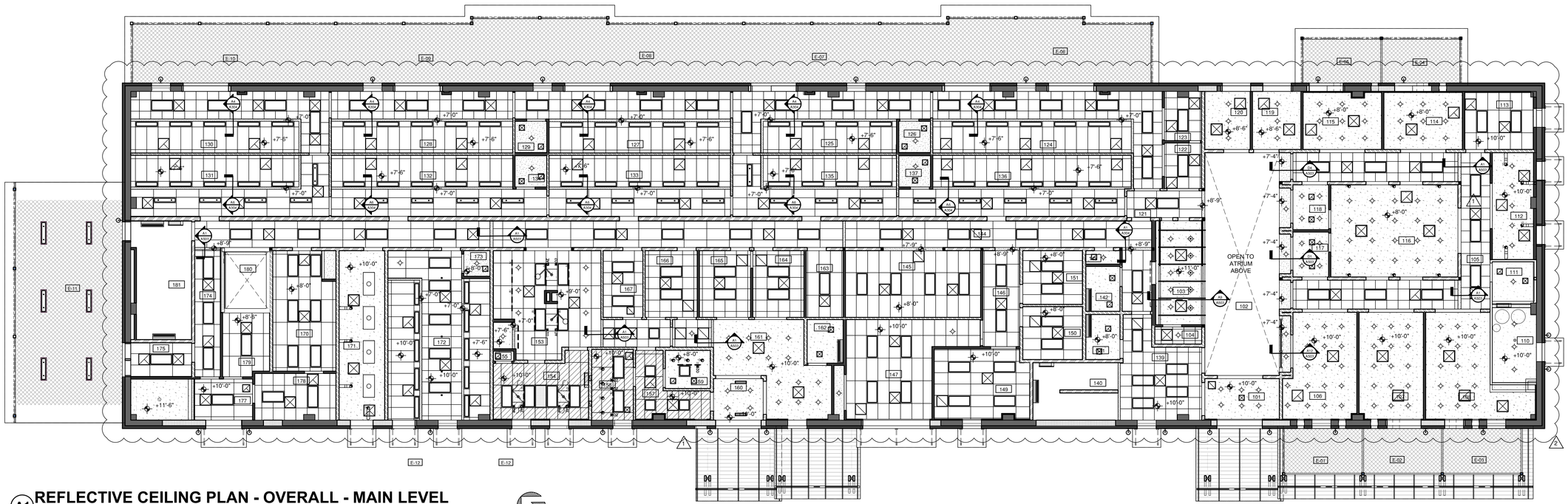
(#) EQUIPMENT SCHEDULE

TAG	REMARKS	OFCI	OFOI	CFCI
E64	SINGLE ARM EXAM LIGHTING	--	--	X
E65	DUAL ARM SURGERY LIGHTING	--	--	X



E1 REFLECTIVE CEILING PLAN - OVERALL - UPPER LEVEL

1/8" = 1'-0" — EXISTING = 13,869 SF — NORTH



A1 REFLECTIVE CEILING PLAN - OVERALL - MAIN LEVEL

1/8" = 1'-0" — EXISTING = 15,000 SF — NORTH

Save Date: July 10, 2025 - 10:41 AM Mark
Plot Date: July 15, 2025 - 11:19 AM
Drawing Name: O:\Active Projects\2246 - Rockland Green\BIM\DWGS\Ch\2246_RG_C.A.R.E.S\Sheets\2246 A106 Reflective Ceiling Plan - Overall.dwg

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07-01-24

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R.G.C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD, LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

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REFLECTIVE CEILING PLAN - OVERALL

REV.#	DATE	COMMENTS
REVISION: 1	9/9/2024	ADDENDUM #2
REVISION: 2	7/9/2025	ASI #2
REVISION: -	-	-
REVISION: -	-	-

REVIEWS

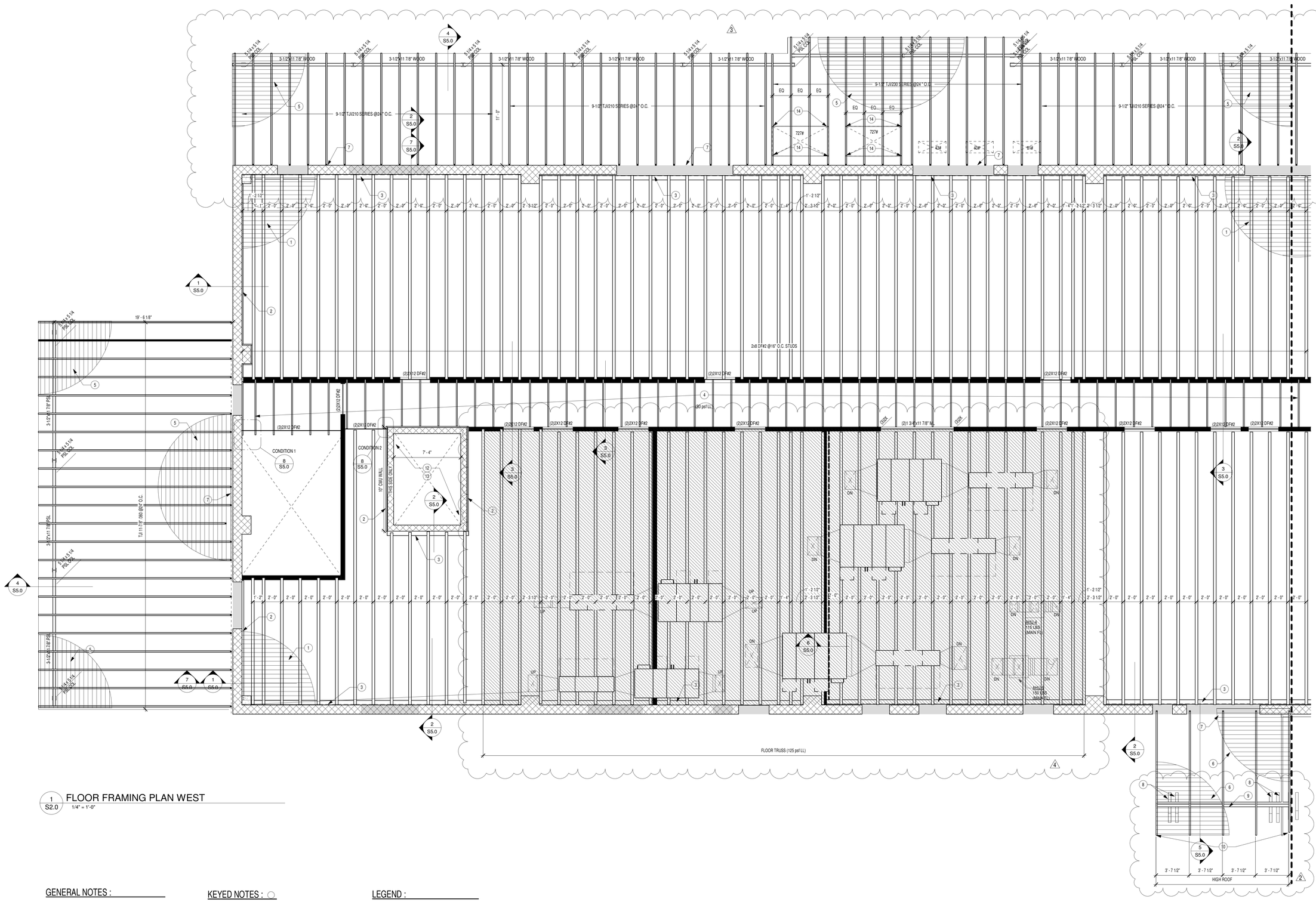
INITIALS	
-	BDA DSGN. REV.
-	BDA TECH REV.

TWH

PROJECT NO.: 2246
DRAWN: -
DATE: 7/1/2024

A106

- OF -



1 S2.0 FLOOR FRAMING PLAN WEST
1/4" = 1'-0"

GENERAL NOTES :

1. REFER TO GENERAL NOTES SHEETS FOR ALL REQUIREMENTS.
2. REFER TO ARCH. FOR ALL BEARING HEIGHTS.
3. REFER TO MECH. FOR ALL ROOF OPENINGS
4. PROVIDE DOUBLE CRIPPLE (1) KING STUD FULL HEIGHT EA. NEW WOOD HEADER U.O.N.

KEYED NOTES :

1. 3/4" APA RATED WOOD FLOOR SHEATHING -SEE WS-1 SHT S06.A
2. 3x8 DF#2 WOOD LEDGER W/3/4"2x5 1/2" SIMPSON TITEN HD @16" O.C. (INTO SOLID FILLED CMU) -REQUIRES SPECIAL INSPECTION
3. L6x6x5/8 CONT. LEDGER -SEE 2/S5.0
4. 2x10 DF#2 CORRIDOR FLOOR JOISTS @24"O.C.
5. 5/8" APA RATED ROOF SHEATHING - SEE TABLE WS-1 SHEET S06.A
6. FLAT 2x8 DF#2 ROOF DECKING
7. 3x8 DF#2 LEDGER W/(1) 5/8"Ø'x(6" EMBED) DRILLED /EPOXY ANCHOR INTO FULLY GROUTED CELL @16" O.C.
8. 4 x12 DF#2 -SEE ARCH (SKEWED) -SEE ARCH
9. 4 x16 DF#2 BEAM
10. 2x12 DF#2 JOISTS @42" O.C.
11. PROVIDE DOUBLE CRIPPLE (1) KING STUD -FULL HEIGHT EA. NEW WOOD HEADER U.O.N.
12. ELEVATOR SHAFT PENETRATES THRU EXISTING ROOF TRUSSES- REFER TO 7/S06.B FOR TYPICAL OPENINGS IN ROOF TRUSSES -FIELD VERIFY EXISTING CONDITION AND LOCATION OF TRUSSES. MANUF. OF PRE-ENGINEERED ROOF TRUSSES MUST PROVIDE STRUCTURAL DETAILS FOR POSSIBLE RE-CONFIGURATION OF EXISTING TRUSSES.
13. W8x21 HOIST BEAM MINIMUM. ELEVATOR MANUF TO PROVIDE ENGINEER OF RECORD WITH CONNECTION DETAILS FOR APPROVAL.
14. TJI CONT. BLOCKING PER MANUF.

LEGEND :

- EXISTING /NEW CMU WALL
- STEEL ANGLE SUPPORT LINTEL CMU LINTEL -SEE 4/S04.A
- 2X6 DF#2 WOOD BEARING STUDS @16" O.C (U.O.N.).
- SHEARWALL -SEE SHEET S3.0

JJK Group, Inc.
Consulting Structural Engineers
3240 Juan Tabo Blvd. C Albuquerque, New Mexico 87111 - tel. 505.296.3706 - fax 505.296.1672 - www.jjkgroup.com

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R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH ROAD
W.HAVERSTRAW, NEW YORK 10993

FLOOR /ROOF FRAMING PLAN WEST

REV #	DATE	COMMENTS
2	9/9/24	ADDENDUM
3	9/24/24	ADDENDUM
4	7/9/25	ASI #2

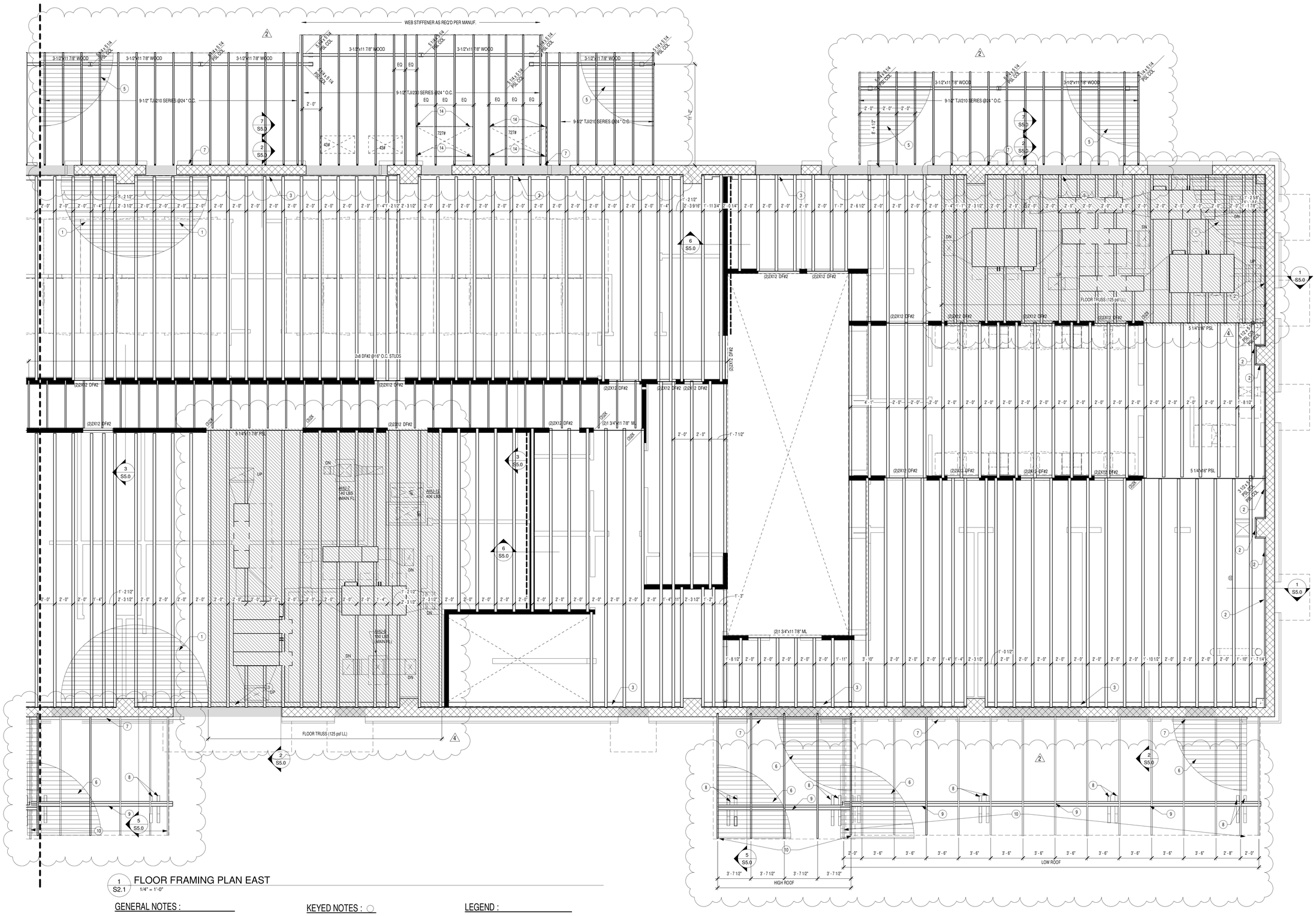
REVISION | REVISION | REVISION | REVISION

REVIEWS
INITIALS

RGAS
Project Number 2246
Drawn By JJR
Date 3/11/2024

S2.0

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1 FLOOR FRAMING PLAN EAST
S2.1 — 1/4" = 1'-0"

GENERAL NOTES :

1. REFER TO GENERAL NOTES SHEETS FOR ALL REQUIREMENTS.
2. REFER TO ARCH. FOR ALL BEARING HEIGHTS.
3. REFER TO MECH. FOR ALL ROOF OPENINGS
4. PROVIDE DOUBLE CRIPPLE (1) KING STUD FULL HEIGHT EA. NEW WOOD HEADER U.O.N.

KEYED NOTES :

1. 3/4" APA RATED WOOD FLOOR SHEATHING -SEE WS-1 SHT S06.A
2. 3x8 DF#2 WOOD LEDGER W/3/4"dx5 1/2" SIMPSON TITEN HD @16" O.C. (INTO SOLID FILLED CMU) -REQUIRES SPECIAL INSPECTION
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13. W8x21 HOIST BEAM MINIMUM. ELEVATOR MANUF TO PROVIDE ENGINEER OF RECORD WITH CONNECTION DETAILS FOR APPROVAL.
14. TJI CONT. BLOCKING PER MANUF.

LEGEND :

- EXISTING /NEW CMU WALL
- STEEL ANGLE SUPPORT LINTEL CMU LINTEL -SEE 4/S04.A
- 2X6 DF#2 WOOD BEARING STUDS @16" O.C (U.O.N.).
- SHEARWALL -SEE SHEET S3.0

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R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH ROAD
W.HAVERSTRAW, NEW YORK 10993

FLOOR /ROOF FRAMING PLAN EAST

REV #	DATE	COMMENTS
2	9/9/24	ADDENDUM
4	7/9/25	ASI #2
REVISION		
REVISION		
REVISION		
REVISION		

REVIEWS

INITIALS	

RGAS

Project Number 2246
Drawn By JJR
Date 3/11/2024

S2.1

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MECHANICAL NOTES

1. ALL MECHANICAL SYSTEMS AND COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE 2020 NEW YORK BUILDING CODES INCLUDING MECHANICAL, FIRE, FUEL GAS AND ENERGY CODES AS ARE APPLICABLE TO THE PROJECT IN ADDITION TO ALL NATIONAL FIRE CODES AND LOCAL AHJ AND/OR UTILITY REQUIREMENTS WHICH APPLY.
2. ALL MECHANICAL EQUIPMENT SHALL BE CLOSELY COORDINATED WITH STRUCTURAL SYSTEM, PLUMBING SYSTEM AND ELECTRICAL SYSTEM TO ENSURE PROPER COMPLIANCE WITH CODES AND ENSURE THAT ALL TRADES WILL NOT CONFLICT WITH EACH OTHER.
3. DO NOT SCALE DRAWINGS, DRAWINGS ARE DIAGRAMMATIC. SCALE WHERE INDICATED IS FOR REFERENCE ONLY.
4. PROVIDE TWO COPIES OF INSTALLATION, OPERATION, AND MAINTENANCE MANUALS TO THE OWNER WITHIN 15 CALENDAR DAYS OF ACCEPTANCE OF THE SYSTEM.
5. PROVIDE A ONE YEAR WARRANTY FOR ALL WORK PERFORMED BEGINNING ON THE DAY THE SYSTEM IS COMPLETELY OPERATIONAL AND ACCEPTABLE BY THE OWNER.
6. MECHANICAL MECHANICAL CONTRACTOR SHALL HAVE A FULL TEST AND BALANCE REPORT FOR REVIEW/APPROVAL. MECHANICAL CONTRACTOR SHALL PROVIDE A CERTIFIED TEST AND BALANCE REPORT FOR REVIEW PRIOR TO CERTIFICATE OF OCCUPANCY. SEE MECHANICAL SPECIFICATIONS FOR REQUIREMENTS.
7. THE GENERAL CONTRACTOR SHALL RETAIN THE SERVICES OF AN INDEPENDENT TEST AND BALANCE AGENCY THAT IS INDEPENDENT OF ANY CONTRACTOR, SUBCONTRACTOR, OR MANUFACTURER TO PERFORM THE TESTING AND BALANCING AND PREPARE REPORTS TO THE GENERAL CONTRACTOR. THE INDEPENDENT TEST AND BALANCE AGENCY SHALL BE A CERTIFIED MEMBER OF THE ASSOCIATED AIR BALANCE COUNCIL OR THE NATIONAL ENVIRONMENTAL BALANCING BUREAU. RECORD DATA ON STANDARD AABC OR NEBB FORMS. MECHANICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR TO ENSURE THAT ANY AND ALL REQUIRED AIR BALANCE TESTING PROCEDURE COSTS ARE INCORPORATED AND COVERED BY CONTRACTOR'S BASE BID.

INSTALLATION/MATERIALS NOTES

1. ALL PIPING AND DUCTWORK LOCATIONS SHALL BE COORDINATED WITH THE WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS, TO AVOID INTERFERENCE.
2. PENETRATIONS OF NONRATED WALLS, PARTITIONS AND FLOORS OF NON- COMBUSTIBLE CONSTRUCTION SHALL BE FIRESTOPPED WITH NONCOMBUSTIBLE MATERIALS. PENETRATIONS OF NONRATED WALLS, PARTITIONS AND FLOOR OF COMBUSTIBLE CONSTRUCTION SHALL BE FIRESTOPPED WITH MATERIALS EQUIVALENT TO TWO INCHES OF WOOD. FIRESTOPPING SHALL COMPLY WITH ASTM E-814.
3. MECHANICAL CONTRACTOR SHALL PROVIDE FIRE DAMPERS WHERE DUCTWORK PENETRATES ANY/ALL FIRE RATED WALLS/CEILINGS/PARTITIONS WHETHER FIRE DAMPERS INDICATED ON DRAWINGS OR NOT. COORDINATE WITH ARCH. DWGS FOR FIRE RATED LOCATIONS.
4. PROVIDE MANUFACTURER'S RECOMMENDED CLEARANCES AROUND HVAC EQUIPMENT FOR MAINTENANCE AND FILTER REMOVAL

   MECHANICAL MECHANICAL CONTRACTOR SHALL VERIFY LOCATION OF ROOF PENETRATIONS FOR RELIEF HOODS AND OUTSIDE AIR HOODS WITH ARCHITECT & OWNER PRIOR TO INSTALLATION.
5. MECHANICAL CONTRACTOR SHALL COORDINATE ANY AND ALL PAINTING OR FINISHING REQUIREMENTS WITH ARCHITECT PRIOR TO PURCHASING ANY MATERIALS.
6. MECHANICAL MECHANICAL CONTRACTOR SHALL LOCATE EXHAUST FANS, OUTLETS, AND GAS FLUES A MINIMUM OF 10'-0" FROM ANY OUTSIDE AIR INTAKE.
7. MECHANICAL MECHANICAL CONTRACTOR SHALL LOCATE ALL ROOF MOUNTED EQUIPMENT A MINIMUM OF 10'-0" FROM EDGE OF ROOF AND/OR PARAPET AS REQUIRED BY CODE REGARDLESS OF LOCATIONS INDICATED ON PLANS. COORDINATE INSTALLATION LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL PRIOR TO ROUGHING-IN.
8. ALL PIPING, DUCTS, VENTS, ETC., EXTENDING THROUGH WALLS AND ROOF SHALL BE FLASHED AND COUNTERFLASHED IN A WATERPROOF MANNER.
9. COORDINATE ROOFTOP EQUIPMENT WITH BUILDING STRUCTURE AND WORK BY OTHERS TO DETERMINE EXACT EQUIPMENT INSTALLATION LOCATION.
10. SPACE ABOVE CEILING IS LIMITED. MECHANICAL CONTRACTOR TO FIELD VERIFY EXACT DUCTWORK INSTALLATION LOCATION AND ROUTING PRIOR TO DUCTWORK FABRICATION.

SHEETMETAL/INSULATION NOTES

1. ALL DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTED IN ACCORDANCE WITH THE LATEST SMACNA STANDARDS. ALL DUCT DIMENSIONS ON PLANS ARE SHEET METAL SIZE. DUCT DIMENSIONS HAVE BEEN INCREASED IN SIZE TO ALLOW FOR LINER WHERE REQUIRED, SIZES LISTED ARE O.D., DUCT FABRICATION DIMENSIONS. SPIRAL DUCTWORK SHALL BE DOUBLE WALL TYPE. ALL DUCT RUNOUTS TO GRD AIR TERMINAL DEVICES TO BE PROVIDED AS ROUND SPIRAL DUCT WITH EXTERNAL WRAP. ALL DUCT RUNOUTS TO BE SIZED PER GRD AIR TERMINAL NECK SIZE AS INDICATED ON GRD SCHEDULE. COORDINATE ALL DUCT SIZES PRIOR TO BIDDING, NO EXCEPTIONS. SEE MECHANICAL SPECIFICATIONS (DUCTWORK INSULATION SCHEDULE) FOR REQUIREMENTS.
2. ALL RECTANGULAR SUPPLY AND RETURN DUCTS SHALL BE LINED WITH 1" THICK DUCT LINER FOR THE FIRST 10FT FROM THE UNIT OR INDICATED ON PLANS. LINED DUCTWORK SHALL BE LABELED AS --"X--" (L). DUCT DIMENSIONS HAVE BEEN INCREASED IN SIZE TO ALLOW FOR LINER WHERE REQUIRED. ALL WRAPPED DUCTS SHALL BE WRAPPED WITH 2" THICK DUCT INSULATION. WRAPPED DUCTS SHALL BE LABELED AS --"X --" (WR).
3. OUTSIDE AIR DUCTWORK SHALL BE WRAPPED WITH 2" FIBERGLASS DUCT WRAP WITH VAPOR BARRIER IN LIEU OF DUCT LINER.
4. FLEXIBLE DUCT SHALL BE INSULATED FLEXMASTER TYPE 9M (OR EQUAL). MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE A MAXIMUM OF 4'-0".
5. PORTIONS OF DUCTWORK ABOVE CEILING VISIBLE THROUGH GRILLES, DIFFUSERS, AND REGISTERS SHALL HAVE INTERIOR AND EXTERIOR OF DUCTWORK PAINTED FLAT BLACK. IF EXTERIOR OF DUCTWORK IS INSULATED, WRAP VISIBLE INSULATION WITH FLAT BLACK VINYL WRAP.
6. ALL EXPOSED DUCTWORK TO BE PROVIDED WITH PAINT GRIP AND PAINTED TO MATCH WITH STRUCTURE OR COLOR SELECTED BY ARCHITECT, PAINTING BY GENERAL CONTRACTOR. ALL EXPOSED WRAPPED DUCTWORK TO BE PROVIDED WITH CONTINUOUS WHITE VINYL WRAP.
7. UNLESS OTHERWISE NOTED, BRANCH TAKE-OFF DUCTS SHALL BE EQUAL TO NECK SIZE OF THE GRILLE/DIFFUSER/REGISTER.

CONTROLS NOTES

1. ANY DEVICE REQUIRING A THERMOSTAT FOR CONTROL SHALL BE FURNISHED WITH A THERMOSTAT WHETHER INDICATED ON THE PLANS OR NOT. LOCATE ALL THERMOSTATS AND SWITCHES @ 4'-0" ABOVE FINISH FLOOR. VERIFY EXACT LOCATION OF THERMOSTATS WITH THE OWNER/ARCHITECT BEFORE ROUGHING-IN. PROVIDE THERMOSTAT WITH INSULATED SUB-BASE OPTION WHERE INSTALLED ON EXTERIOR WALL. PROVIDE THERMOSTAT WITH WATER RESISTANT OPTION WHERE USED IN WET ENVIRONMENT AREA.
2. PROVIDE MAGNETIC MOTOR STARTER WITH HAND-OFF-AUTO (H.O.A) SELECTOR SWITCH FOR EACH MOTOR SPECIFIED TO OPERATE AT 200 VOLTS OR HIGHER. PROVIDE MANUAL STARTER WITH HAND-OFF-AUTO (H.O.A) SELECTOR SWITCH FOR EACH MOTOR SPECIFIED TO OPERATE AT 120 VOLTS. ALL EQUIPMENT SUPPLIED WITH INTEGRAL STARTERS SHALL BE PROVIDED WITH ADDITIONAL SEPARATE DISCONNECT BY ELECTRICAL CONTRACTOR, NO EXCEPTIONS. COORDINATE EQUIPMENT DISCONNECTS WITH ELECTRICAL CONTRACTOR.
3. DUCT MOUNTED SMOKE DETECTORS SHALL BE WIRED TO SUPERVISORY INDICATOR DEVICES TO MEET NFPA 72 REQUIREMENTS. EACH DEVICE MUST BE PERMANENTLY LABELED TO ACCURATELY IDENTIFY THE UNIT SERVED TO MEET NFPA 72 REQUIREMENTS. SEE PLANS FOR INFORMATION.
4. ALL CONTROL VOLTAGE WIRING IN EXPOSED AREAS TO BE IN RIGID CONDUIT. ALL CONTROL VOLTAGE INSTALLED WITHIN A PLENUM RATED CEILING SHALL UTILIZE PLENUM RATED CABLE OR BE INSTALLED IN PLENUM RATED RIGID CONDUIT.
5. COORDINATE THE EXACT LOCATION OF ALL THERMOSTATS WITH FINAL FURNITURE LAYOUT, EQUIPMENT LAYOUT, ARCH AND OWNERS REPRESENTATIVES.

PIPING NOTES

1. PROVIDE UNIONS, FLANGES OR COUPLINGS AT CONNECTION TO ALL VALVES AND EQUIPMENT. DO NOT USE DIRECT WELDED OR THREADED CONNECTIONS TO VALVES, EQUIPMENT OR OTHER APPARATUS.
2. PROVIDE NON-CONDUCTING DIELECTRIC UNIONS WHENEVER CONNECTING DISSIMILAR METALS.
3. ALL VALVES AND SPECIALTIES SHALL BE LINE SIZE UNLESS NOTED OTHERWISE, USING ECCENTRIC REDUCERS ON PUMP SUCTION AND AUTOMATIC VALVES AND CONCENTRIC REDUCERS ON PUMP DISCHARGE.
4. ALL PIPING BELOW ROOF SHALL BE SUPPORTED WITH CARBON STEEL, ADJUSTABLE, CLEVIS HANGERS AT 10'-0" ON CENTER. ADDITIONAL HANGERS SHALL BE PROVIDE AS REQUIRED TO PREVENT WEIGHT OF EQUIPMENT BEING PLACED ON EQUIPMENT. PROVIDE RIGID INSULATION AND SHEET METAL PIPE SHIELDS AT HANGER LOCATIONS.
5. EXTEND ALL DRAIN LINES TO THE NEAREST FLOOR DRAIN OR AS INDICATED ON PLANS. COORDINATE DISCHARGE REQUIREMENTS WITH LOCAL AHJ PRIOR TO ROUGHING-IN.
6. CONDENSATE DRAIN PIPING, TRAPS, AND FITTINGS SHALL BE COPPER TYPE "L". SCHEDULE 40 PVC PIPE AND FITTINGS SHALL BE ACCEPTABLE FOR PIPE INSTALLED ON ROOF ONLY. DRAINS FROM HVAC EQUIPMENT SHALL BE TRAPPED. TERMINATE ROOFTOP UNIT DRAINS ON A CONCRETE SPLASHBLOCK.
7. ALL REFRIGERANT PIPE SHALL BE NITROGENIZED ACR COPPER TUBE AND INSULATED WITH 1" ARMAFLEX.

MECHANICAL LEGEND

SYMBOLS (NOT ALL SYMBOLS SHOWN ARE USED)

- SUPPLY AIR DUCT
- RETURN AIR DUCT
- EXHAUST AIR DUCT
- SUPPLY DUCT TURNING UP
- RETURN/EXHAUST DUCT TURNING UP
- SUPPLY DUCT TURNING DOWN
- RETURN/EXHAUST DUCT TURNING DOWN
- RISE IN DUCT (R)
- DROP IN DUCT (D)
- TRANSITION IN DUCT, SQUARE TO SQUARE
- DUCT ROUTED UP/DOWN
- TRANSITION IN DUCT, SQUARE TO ROUND
- DUCT CAPPED AND SEALED
- DUCTWORK WITH INTERNAL LINER (X"LINED)
- DUCTWORK TRANSITION FROM HARD ROUND TO FLEXIBLE
- SQUARE THROAT DUCT ELBOW WITH TURNING VANES
- SQUARE THROAT DUCT ELBOW WITHOUT TURNING VANES
- FULL RADIUS ELBOW
- FLEXIBLE DUCT CONNECTION
- 45 DEGREE TAP
- CONICAL TAP
- SPIN-IN FITTING W/ VOLUME DAMPER & FLEXIBLE DUCT
- ROUND FLEXIBLE DUCT
- VOLUME BALANCING DAMPER
- BOTTOM REGISTER
- SQUARE-TO-ROUND BRANCH DUCT TAKE-OFF
- TRANSITION
- TEE WITH TURNING VANES AND SPLITTER DAMPER
- SQUARE ELBOW WITH TURNING VANES
- S.A. CFM / R.A. CFM / E.A. CFM — SEE AIR DISTRIBUTION SCHEDULE AND AIR QUANTITY REQUIRED
- PIPE UP
- PIPE DOWN
- VALVE IN VERTICAL
- G — GAS PIPING ON ROOF, SIZED PER PLANS
- G — GAS PIPING BELOW ROOF, SIZED PER PLANS
- CD — CONDENSATE DRAIN PIPING
- RS — REFRIGERANT SUCTION LINE
- RL — REFRIGERANT LIQUID LINE
- HG — REFRIGERANT HOT GAS LINE
- CONNECT NEW TO EXISTING
- XX / YXX — THROUGH PLAN SECTION
- ACCESS DOOR/PANEL
- 3' MIN — EQUIPMENT ELECTRICAL ACCESS WITH SERVICE CLEARANCE OUTLINE

SYMBOLS (NOT ALL SYMBOLS SHOWN ARE USED)

- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- EXHAUST AIR DIFFUSER
- SUPPLY AIR SPIRAL DUCT DIFFUSER
- SUPPLY AIR SPIRAL DUCT DIFFUSER
- DOOR TRANSFER AIR GRILLE
- 1" DOOR UNDERCUT, COORD /W G.C. & ARCH
- WALL MOUNTED THERMOSTAT
- P — WALL MOUNTED PRESSURE CONTROLLER
- 120V — 120V/1ø MOTOR OPERATED DAMPER
- 24V — 24-VOLT MOTOR OPERATED DAMPER
- SD — DUCT MOUNTED SMOKE DETECTOR
- SPLITTER DAMPER
- ELECTRIC WALL HEATER /W INTEGRAL THERMOSTAT
- IN-LINE EXHAUST FAN
- CEILING EXHAUST FAN
- SPLIT AIR HANDLING UNIT (VERTICAL)
- SPLIT DOAS UNIT (HORIZONTAL)
- SPLIT SYSTEM OUTDOOR UNIT
- MINI-SPLIT SYSTEM OUTDOOR UNIT
- MINI-SPLIT SYSTEM INDOOR WALL-MOUNTED UNIT
- CEILING MOUNTED FAN FILTER UNIT
- EQUIPMENT CLEARANCES, TYPICAL
- B20 / P20 / C30 — DAIKIN OXYGEN 8 VERTICAL INDOOR ERV UNITS
- DAIKIN OXYGEN 8 HORIZONTAL COOLING/HRGH COILS

ABBREVIATIONS (NOT ALL ABBREVIATIONS SHOWN ARE USED)

AHU	AIR HANDLING UNIT
AC	AIR CURTAIN
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
APD	AIR PRESSURE DROP
ATC	AUTOMATIC TEMPERATURE CONTROLS
BC	BRANCH CONROL BOX
BE	BOTTOM ELEVATION
BHP	BRAKE HORSE POWER
BTUH	BRITISH THERMAL UNITS PER HOUR
CUH	CABINET UNIT HEATER
CC	COOLING COIL
CD	CONDENSATE DRAIN LINE
CL	CENTERLINE
CFM	CUBIC FEET PER MINUTE
CG	CEILING GRILLE
CHWS/R	CHILLED WATER SUPPLY/RETURN
CW	CITY WATER (DOMESTIC)
CP	CONDENSATE PUMP
D	DRAIN
DB	DRY BULB TEMPERATURE
DIA, ø	DIAMETER
DN	DOWN
DWS	DOUBLE WALL SPIRAL DUCTWORK
DWG	DRAWING
EA	EXHAUST AIR
EAD	EXHAUST AIR DAMPER
EDP	EMERGENCY DRIP PAN
EG	EXISTING GAS PIPING
(E)	EXISTING
(ER)	EXISTING RELOCATED
(ERR)	EXISTING REMOVED AND RELOCATED
ESP	EXTERNAL STATIC PRESSURE
EF	EXHAUST FAN
FCU	FAN COIL UNIT
F	FAN
FC	FLEXIBLE CONNECTION
G	GRILLE
GF	GAS FURNACE
GL	GLYCOL PIPING (BY OTHERS)
HC	HEATING COIL
HG	HOT GAS PIPING
HP	HORSEPOWER
HWS/R	HEATING HOT WATER SUPPLY/RETURN
KEF	KITCHEN EXHAUST FAN
(L)	LINED DUCTWORK
LPS	LOW PRESSURE STEAM
MUW	MAKE UP WATER
MAX	MAXIMUM
MA	MIXED AIR
MBH	ONE THOUSAND BTUH
MD	MOTORIZED DAMPER
MTD	MOUNTED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAD	OUTSIDE AIR DAMPER
OC	ON CENTER
OSD	OPEN SITE DRAIN
PC	PUMPED CONDENSATE
PCR	PUMPED CONDENSATE RETURN
PD	PRESSURE DROP
PH	PHASE
PMU	PAD MOUNTED UNIT
RA	RETURN AIR
RAD	RETURN AIR DAMPER
RAG	RETURN AIR GRILLE
(R)	REMOVE
R	RETURN FAN
RS/RL	REFRIGERANT SUCTION/LIQUID LINES
RTU	ROOFTOP UNIT
SA	SUPPLY AIR
SENS	SENSIBLE
TD	TRANSFER DUCT
TYP	TYPICAL
TOS	TOP OF SLAB
UH	UNIT HEATER
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VF	VENTILATION FAN
VRV	VARIABLE REFRIG. VOLUME
V	VOLTS
VD	VOLUME DAMPER
VIF	VERIFY IN FIELD
W/	WITH
WMS	WIRE MESH SCREEN
WO	WALL OPENING
(WR)	WRAPPED DUCTWORK

MECHANICAL DRAWING SCHEDULE

DRAWING NUMBER	DESCRIPTION
M001	MECHANICAL LEGENDS & GENERAL NOTES
M002	MECHANICAL SPECIFICATIONS
M003	MECHANICAL SCHEDULES
M004	MECHANICAL SCHEDULES & NOTES
M005	MECHANICAL CALCULATIONS
M006	MECHANICAL CALCULATIONS
M007	MECHANICAL DETAILS
M101	MAIN FLOOR PLAN - MECHANICAL - WEST
M102	MAIN FLOOR PLAN - MECHANICAL - EAST
M103	UPPER FLOOR PLAN - MECHANICAL - WEST
M104	UPPER FLOOR PLAN - MECHANICAL - EAST
M105	ROOF PLAN - MECHANICAL - WEST
M106	ROOF PLAN - MECHANICAL - EAST
M201	VRF PIPING SCHEMATICS

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07/09/25

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

MECHANICAL LEGENDS & GENERAL NOTES

REV.#	DATE	COMMENTS
△	07/09/2025	ASI #2
REVISION:		
REVISION:		
REVISION:		

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS
PROJECT NO.: 23077
DRAWN: DRH
DATE: 07/08/2024

M001
1 OF 16

VARIABLE REFRIGERANT VOLUME - AIR-COOLED CONDENSING UNIT SCHEDULE

TAG: ROOM	BASIS OF DESIGN (DAIKIN)	NOMINAL TONNAGE	DESCRIPTION	COOLING CAPACITY		HEATING CAPACITY		REFRIGERANT CHARGE		CONNECTION RATIO (%)	ELECTRICAL																DIMENSIONS		EFFICIENCY (NonDucted/Ducted or Specific Combo)							NOTES	Options and Accessories
											VOLTAGE-PHASE	MIN CIRCUIT AMPS (MCA)				MAX OVERCURRENT PROTECTION (MOP)				RUNNING CURRENT(RLA)																
				BTU/h	AMBIENT DESIGN (°F DB)	BTU/h	AMBIENT DESIGN (°F DB / WB)	Factory Charge (lbs)	Add'l Refrigerant (lbs)			mod #1	mod #2	mod #3	total	mod #1	mod #2	mod #3	total	mod #1	mod #2	mod #3	total			(WxHxD) (inch)	WEIGHT (lbs)	EER	IEER	COP47	COP17	SCHE	SEER	HSPF		
CU-1 (AHU-1-2-3)	REYQ312XATJB	26	Air cooled heat recovery (2)	312,666	92.2	246,834	13.0 / 10.0	51.6	NA	92.3	208V - 230V 3ph	61.9	58.3		120.2	70.0	70.0		125.0	49.0	42.6		91.6	48.9 x 66.7 x 30.2 / 48.9 x 66.7 x 30.2	793.0 / 727.0	10.1 / 9.9	20.4 / 18	3.56 / 3.2	2.09 / 2.05	24.3 / 20.7	NA	NA		BHFP26P100UA (1), EKEQDCBAV3-US (4)
CU-2 (AHU-8-9-10)	REYQ192XATJB	16	Air cooled heat recovery (2)	192,407	92.2	177,510	13.0 / 10.0	51.6	NA	93.8	208V - 230V 3ph	38.1	38.1		76.2	45.0	45.0		80.0	23.3	23.3		46.6	48.9 x 66.7 x 30.2 / 48.9 x 66.7 x 30.2	727.0 / 727.0	13 / 13	22.6 / 21.4	3.85 / 3.67	2.5 / 2.37	26.6 / 22.8	NA	NA		BHFP26P100UA (1), EKEQDCBAV3-US (3)
CU-3 (AHU-11-13)	REYQ264XATJB	22	Air cooled heat recovery (2)	264,555	92.2	211,340	13.0 / 10.0	51.6	NA	90.9	208V - 230V 3ph	58.3	43.0		101.3	70.0	50.0		110.0	42.6	28.2		70.8	48.9 x 66.7 x 30.2 / 48.9 x 66.7 x 30.2	727.0 / 727.0	11.2 / 10.4	21.6 / 18	3.62 / 3.2	2.22 / 2.07	26.1 / 18.2	NA	NA		BHFP26P100UA (1), EKEQDCBAV3-US (3)
CU-4 (AHU-14-15)	REYQ144XATJB	12	Air cooled heat recovery (1)	144,297	92.2	115,105	13.0 / 10.0	25.8	NA	91.7	208V - 230V 3ph	58.3			58.3	70.0			70.0	42.6			42.6	48.9 x 66.7 x 30.2	727.0	11.9 / 11.6	23.5 / 21.6	3.75 / 3.42	2.16 / 2.12	25.5 / 22	NA	NA		EKEQDCBAV3-US (2)

Schedule Notes:
1. ALL UNITS SHALL BE AGA CERTIFIED AND U.L. LABELED.
2. ALL UNITS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.
3. REFRIGERANT SHALL BE R410A
4. PROVIDE ALL SUPPORTS, RAILS, CURBS, ETC. AS REQUIRED TO AND INSTALL UNITS ON ROOF.
5. VARIABLE REFRIGERANT SYSTEM SHALL BE INSTALLED, PIPED, AND CONTROLLED PER MANUFACTURERS RECOMMENDATIONS.
6. PROVIDE ANY ADDITIONAL PIPING, REFRIGERANT, ETC TO ACCOMMODATE ACTUAL PIPING LENGTHS, FIELD VERIFIED.
7. EQUIPMENT MANUFACTURER SHALL PROVIDE ALL REQUIRED TRAINING, ONSITE ASSISTANCE, PROJECT SPECIFIC SHOP DRAWINGS, ETC. AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM. EQUIPMENT MANUFACTURERS SERVICE REPRESENTATIVE SHALL PROVIDE A FINAL REPORT AFTER START-UP CERTIFYING PROPER INSTALLATION AND CONFIRMING WARRANTIES.
8. COORDINATE WITH BRANCH CONTROLLER LAYOUT, SIZE, QUANTITY, ETC WITH MANUFACTURER.
9. PROVIDE PANEL HEATER KIT TO PREVENT ICE BUILDUP ON OUTDOOR DRAIN PAN.
10. PROVIDE WITH WIND BAFFLE KIT.
11. PROVIDE SNOW/HAIL KIT TO PREVENT DAMAGE OR SNOW BUILD-UP IN SEVERE WINTER CLIMATES.
12. PROVIDE WITH MASTER "CENTRAL BRANCH CIRCUIT CONTROLLER", 120V/1Ø, 0.3A.
13. PROVIDE WITH EXPANSION CONTROLLER, 120V/1Ø, 0.3A.
14. FIELD INSTALLED LOW-AMBIENT KIT.
15. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F (DB/WB), OUTDOOR OF 95°F (DB).
16. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F (DB), OUTDOOR OF 43°F (WB).
17. EFFICIENCY VALUES FOR EER, IEER, COP ARE BASED ON AHRI 1230 TEST METHOD FOR MIXTURE OF DUCTED & NON-DUCTED INDOOR UNITS.
18. FOR SYSTEMS WITH MULTIPLE MODULES, REFRIGERANT PIPE DIMENSIONS INDICATE TOTAL SYSTEM COMBINED PIPING DOWNSTREAM OF MODULE TWINNING.
19. ADDED FIELD CHARGE LISTED IS IN ADDITION TO FACTORY CHARGE, THIS MUST BE UPDATED BASED UPON FINAL AS-BUILT PIPING LAYOUT.
20. EACH CONDENSING UNIT SHALL BE PROVIDED WITH A HOFFMAN & HOFFMAN SINGLE POINT POWER PANEL (SPPP).

VARIABLE REFRIGERANT VOLUME AIR HANDLING UNIT SCHEDULE

TAG	LEVEL SERVED	S.A. CFM	O.A. CFM	E.S.P. (IN.WC)	COOLING CAPACITY			COOLING COIL	IFM	ELECTRICAL DATA						CONFIGURATION	OPERATING WEIGHT	MANUFACTURER DAIKIN & MODEL	NOMINAL TONS	CONTROLLING VRF OUTDOOR UNIT	ADDITIONAL OPTIONS
					TC (MBH)	SC (MBH)	EFFICIENCY	MANUFACTURER DAIKIN & MODEL	FLA	ERV SECTION			COOLING COIL SECTION								
										MCA	MOCP	VOLTAGE	MCA	MOCP	VOLTAGE						
AHU-1	MAIN	1840	1840	0.75	128.1	77.3	EER 10.1	DXM06C12	12.33	13.5	15	208V-3ø	0.3	15	208V-1ø	FLOOR MOUNTED	634 LBS	T24IN	6	CU-1	A
AHU-2	MAIN	1805	1805	0.75	128.0	79.1	EER 10.1	DXM06C12	12.33	13.5	15	208V-3ø	0.3	15	208V-1ø	FLOOR MOUNTED	634 LBS	T24IN	6		A
AHU-3	MAIN	2900	2900	0.75	165.2	99.7	EER 10.1	DXM06C13	18.33	20.25	25	208V-3ø	0.3	15	208V-1ø	FLOOR MOUNTED	634 LBS	T32IN	6		A
AHU-8	MAIN	1295	1045	0.75	69.9	42.4	EER 13	DXM06C14	8.09	8.78	15	208V-1ø	0.3	15	208V-1ø	FLOOR MOUNTED	465 LBS	T12IN	6	CU-2	A
AHU-9	MAIN	1255	1255	0.75	87.2	52.7	EER 13	DXM06C14	8.09	8.78	15	208V-1ø	0.3	15	208V-1ø	FLOOR MOUNTED	465 LBS	T15IN	6		A
AHU-10	MAIN	1425	1425	0.75	116.3	70.1	EER 13	DXM07C13	12.33	13.5	15	208V-3ø	0.3	15	208V-1ø	FLOOR MOUNTED	562 LBS	T15IN	7		A
AHU-11	UPPER	2065	2065	0.75	123.4	72.2	EER 11.2	DXM06C12	12.33	13.5	15	208V-3ø	0.3	15	208V-1ø	FLOOR MOUNTED	634 LBS	T24IN	6	CU-3	A
AHU-13	UPPER	3150	3150	0.75	159.8	97.3	EER 11.2	DXM06C13	18.33	20.25	25	208V-3ø	0.3	15	208V-1ø	FLOOR MOUNTED	634 LBS	T32IN	6		A
AHU-14	UPPER	1650	1650	0.75	116.3	70.1	EER 11.9	DXM07C13	12.33	13.5	15	208V-3ø	0.3	15	208V-1ø	FLOOR MOUNTED	562 LBS	T18IN	7	CU-4	A
AHU-15	UPPER	1245	1245	0.75	87.0	53.1	EER 11.9	DXM06C14	8.09	8.8	15	208V-1ø	0.3	15	208V-1ø	FLOOR MOUNTED	465 LBS	T15IN	6		A

OPTIONS (ALL UNITS)
- 7-DAY PROGRAMMABLE DIGITAL THERMOSTAT W/ HUMIDISTAT
- FILTER KIT /W 2" FILTERS
- CONDENSATE DRAIN PAN OVERFLOW SWITCH
- 2000+ CFM: DUCT SMOKE DETECTOR, SEE NOTE #3
- SINGLE POINT ELECTRICAL CONNECTION
- MANUAL O.A. DAMPER
- GALVANIZED CONDENSATE DRAIN PAN
- FACTORY INSTALLED ELECTRIC HEATER KIT

ADDITIONAL OPTIONS (UNITS AS NOTED)
A: CONDENSATE PUMP, DIVERSITECH CP-22 120V/1ø
B: 24V MOTORIZED O.A. DAMPER
C: 120V/1ø MOTORIZED O.A. DAMPER
D: STAINLESS STEEL DRAIN PAN
E: CO2 SENSOR, WALL MOUNTED

NOTES:
1. ALL UNITS SHALL BE U.L. LABELED.
2. ALL UNITS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE EACH UNIT WITH 2000 CFM (OR GREATER) SUPPLY AIR FLOWRATE WITH A SMOKE DETECTOR. THE SMOKE DETECTOR SHALL BE IONIZATION TYPE WIRED TO SHUT-DOWN UNIT WHEN ACTIVATED. THE SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN DUCT BY THE MECHANICAL CONTRACTOR. THE SMOKE DETECTOR SHALL BE WIRED BY THE ELECTRICAL CONTRACTOR TO AN HVAC MONITORING PANEL. THE PANEL SHALL PROVIDE VISUAL AND AUDIBLE SIGNAL. THE SIGNAL SHALL INDICATE AND BE LABELED AS AIR DETECTOR TROUBLE. THE PANEL SHALL BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE SMOKE DETECTOR WITH REMOTE ALARM OR SUPERVISORY INDICATING DEVICES. EACH REMOTE DEVICE SHALL BE PERMANENTLY LABELED TO ACCURATELY IDENTIFY THE UNIT SERVED.
4. ELECTRIC HEATER SHALL BE BY UNIT MANUFACTURER.

VARIABLE REFRIGERANT VOLUME - BRANCH SELECTOR & ZONE HEAT RECOVERY DEVICE SCHEDULE

TAG: ROOM	BRANCH SELECTOR BASIS OF DESIGN (DAIKIN)	CONDENSING UNIT SERVED	VOLTAGE-PHASE	MIN CIRCUIT AMPS (MCA)	MAX OVERCURRENT PROTECTION (MOP)	MAX CAPACITY (per Port)	DIMENSIONS (WxHxD inch)	WEIGHT (lbs)	ZONE SERVED	REHEAT BOX BASIS OF DESIGN
BS-1	BSF4Q54TVJ	CU-1 for AHU-1-2-3	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
BS-2	BSF4Q54TVJ	CU-1 for AHU-1-2-3	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
BS-3	BSF6Q54TVJ	CU-1 for AHU-1-2-3	208-230V 1ph	0.6	15.0	54,000	23.3 x 9.5 x 23.7	72.8	N/A	KHRP26A250TA (2)
BS-8	BSF4Q54TVJ	CU-2 for AHU-8-9-10	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (2)
BS-9	BSF4Q54TVJ	CU-2 for AHU-8-9-10	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
BS-10	BSF4Q54TVJ	CU-2 for AHU-8-9-10	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
BS-11	BSF4Q54TVJ	CU-3 for AHU-11-13	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
BS-13	BSF6Q54TVJ	CU-3 for AHU-11-13	208-230V 1ph	0.6	15.0	54,000	23.3 x 9.5 x 23.7	72.8	N/A	KHRP26A250TA (2)
BS-14	BSF4Q54TVJ	CU-4 for DOAS-14-15	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)
BS-15	BSF4Q54TVJ	CU-4 for AHU-14-15	208-230V 1ph	0.4	15.0	54,000	13.7 x 9.5 x 23.7	48.5	N/A	KHFP26A100CA (1), KHRP26A250TA (1)

Schedule Notes:
1. INCLUDE DIAMONDBACK BALL VALVES BV-SERIES, 700PSIG WORKING PRESSURE, FULL PORT, 410A RATED.
2. FOR SUB BC CONTROLLER, THE TOTAL CONNECTABLE INDOOR UNIT CAPACITY CAN BE 126,000 BTUS OR LESS. IF TWO SUB BC CONTROLLERS ARE USED, THE TOTAL INDOOR UNIT CAPACITY CONNECTED TO BOTH SUB BC CONTROLLERS ALSO CANNOT EXCEED 126,000 BTUS. FOR SUB BC CONTROLLER CMB-P1016NU-HB1 THE TOTAL CONNECTABLE INDOOR UNIT CAPACITY CAN BE 126,000 BTUS OR LESS. HOWEVER, IF TWO SUB CONTROLLERS ARE USED, AND ONE OF THEM IS CMB-1016NU-HB1, THE TOTAL INDOOR UNIT CAPACITY CONNECTED TO BOTH SUB CONTROLLERS MUST NOT EXCEED 168,000 BTUS.

STANDARD AIR HANDLING UNIT SCHEDULE

TAG	AREA SERVED	S.A. CFM	O.A. CFM	E.S.P. (IN.WC)	COOLING CAPACITY			ELECT. HEAT		ELECTRICAL DATA			CONFIGURATION	OPERATING WEIGHT	MANUFACTURER DAIKIN & MODEL	NOMINAL TONS	ADDITIONAL OPTIONS
					TC (MBH)	SC (MBH)	EFFICIENCY	KW	STEPS	MCA	MOCP	VOLTAGE					
AHU-4	INTAKE OFFICES	520	30	0.5	16.6	12.7	SEER2 17.5	5.0	1	27	30	208V-1ø	VERTICAL	115 LBS	DFVE24BP1400	2	B
AHU-5	SURRENDER/CONF	1460	140	0.75	45.0	33.4	SEER2 16.2	8.0	1	43	45	208V-1ø	VERTICAL	150 LBS	DFVE48DP1400	4	B
AHU-6	BULL PEN/COPY	1605	125	0.75	45.0	34.2	SEER2 16.2	10.0	1	50	50	208V-1ø	VERTICAL	150 LBS	DFVE48DP1400	4	B
AHU-7	ADOPTION LOBBY	1205	105	0.75	27.8	21.2	SEER2 17.1	15.0	1	71.5	80	208V-1ø	VERTICAL	140 LBS	DFVE36CP1400	3	B
AHU-12	ADOPTION LOBBY	2800	185	0.5	86.7	65.9	EER 11.0	30.0	1	95.4	110	208V-3	VERTICAL	406 LBS	DAX09043	6	B

OPTIONS (ALL UNITS)
- 7-DAY PROGRAMMABLE DIGITAL THERMOSTAT W/ HUNIDISTAT
- FILTER KIT /W 2" FILTERS
- CONDENSATE DRAIN PAN OVERFLOW SWITCH
- DUCT SMOKE DETECTOR, SEE NOTE #3
- SINGLE POINT ELECTRICAL CONNECTION
- MANUAL O.A. DAMPER
- GALVANIZED CONDENSATE DRAIN PAN
- FACTORY INSTALLED ELECTRIC HEATER KIT

ADDITIONAL OPTIONS (UNITS AS NOTED)
A: CONDENSATE PUMP, DIVERSITECH CP-22 120V/1ø
B: 24V MOTORIZED O.A. DAMPER
C: 120V/1ø MOTORIZED O.A. DAMPER
D: STAINLESS STEEL DRAIN PAN
E: CO2 SENSOR, WALL MOUNTED

NOTES:
1. ALL UNITS SHALL BE U.L. LABELED.
2. ALL UNITS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE EACH UNIT WITH A SMOKE DETECTOR. THE SMOKE DETECTOR SHALL BE IONIZATION TYPE WIRED TO SHUT-DOWN UNIT WHEN ACTIVATED. THE SMOKE DETECTOR SHALL BE INSTALLED IN THE RETURN DUCT BY THE MECHANICAL CONTRACTOR. THE SMOKE DETECTOR SHALL BE WIRED BY THE ELECTRICAL CONTRACTOR TO AN AN HVAC MONITORING PANEL. THE PANEL SHALL PROVIDE VISUAL AND AUDIBLE SIGNAL. THE SIGNAL SHALL INDICATE AND BE LABELED AS AIR DETECTOR TROUBLE. THE PANEL SHALL BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE SMOKE DETECTOR WITH REMOTE ALARM OR SUPERVISORY INDICATING DEVICES. EACH REMOTE DEVICE SHALL BE PERMANENTLY LABELED TO ACCURATELY IDENTIFY THE UNIT SERVED.
4. ELECTRIC HEATER SHALL BE BY UNIT MANUFACTURER.

STANDARD HEAT PUMP SCHEDULE

TAG	COOLING CAPACITY				HEATING CAPACITY		COMPRESSOR	ELECTRICAL DATA			MANUFACTURER DAIKIN & MODEL	OPERATING WEIGHT	NOMINAL TONS	MATCHING INDOOR UNIT
	TC (MBH)	SC (MBH)	EFFICIENCY	OA DB (°F)	TH (MBH)	OA DB (°F)	RLA	MCA	MOCP	VOLTAGE				
HP-4	16.6	12.7	SEER2 17.5	94	17.4	13	10.0	14.6	15	208V-1ø	DZ6VSA1810	122 LBS	2	AHU-4
HP-5	45.0	33.4	SEER2 16.2	94	45.5	13	25.5	34.4	35	208V-1ø	DZ6VSA4810	168 LBS	4	AHU-5
HP-6	45.0	34.2	SEER2 16.2	94	45.5	13	25.5	34.4	35	208V-1ø	DZ6VSA4810	168 LBS	4	AHU-6
HP-7	27.8	21.2	SEER2 17.1	94	28.8	13	16.8	23.9	25	208V-1ø	DZ6VSA3010	132 LBS	3	AHU-7
HP-12	86.7	65.9	EER 11.0	95	86.7	95	26.9	40.6	60	208V-3ø	DZ14XA0903A	347 LBS	6	AHU-12

OPTIONS (ALL UNITS)
- 4" THICK PREFABRICATED PAD OR CONCRETE PAD
- PRE-CHARGED REFRIGERANT LINE SETS
- MANUFACTURER MINIMUM CLEARANCES

OPTIONS IF TOTAL EQUIVALENT REFRIGERANT LENGTH > 50'-0" & < 175'-0"
- COMPRESSOR CRANKCASE HEATER
- COMPRESSOR START ASSIST CAPACITOR AND RELAY (NOT REQUIRED FOR SCROLL COMPRESSORS OR 3 PHASE UNITS)
- OUTDOOR UNIT CYCLE PROTECTOR (5 MINUTE)
- WIND BAFFLES (UNITS MOUNTED ON ROOF)
- FOR HORIZONTAL CONFIGURATION: PROVIDE LIQUID LINE SOLENOID WITHIN 2'-0" OF OUTDOOR UNIT WITH FLOW ARROW POINTING TOWARD OUTDOOR UNIT. VAPOR LINE SHOULD SLOPE TOWARD INDOOR UNIT.
- FOR INDOOR UNIT LOCATED ABOVE HEAT PUMP (50'-0" MAX); A LIQUID LINE (BI-FLOW) SOLENOID MUST BE INSTALLED WITHIN 2'-0" OF OUTDOOR UNIT WITH FLOW ARROW POINTING TOWARD OUTDOOR UNIT. AN INVERTED VAPOR LINE TRAP MUST BE INSTALLED AT INDOOR UNIT. THE TOP OF THE TRAP MUST BE GREATER THAN THE HEIGHT OF THE INDOOR COIL.
- FOR INDOOR UNIT LOCATED BELOW HEAT PUMP (150'-0" MAX); A LIQUID LINE (BI-FLOW) SOLENOID MUST BE INSTALLED WITHIN 2'-0" OF OUTDOOR UNIT.

NOTES:
1. ALL UNITS SHALL BE U.L. LABELED.

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BDA

STATE OF NEW YORK ● M. MICHAEL SCHON ● LICENSED PROFESSIONAL ENGINEER ● 071324
10/01/2025

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

MECHANICAL SCHEDULES

REV.#	DATE	COMMENTS
1	09/09/2024	ADDENDUM 1
2	10/01/2025	ASI #2 COORDINATION

REVISION: | REVISION: | REVISION: | REVISION:

REVIEWS
INITIALS
BDA DSGN. REV.
BDA TECH REV.

RGAS
PROJECT NO.: 23077
DRAWN: DRH
DATE: 07/08/2024

M003

GRILLES, REGISTERS, AND DIFFUSERS SCHEDULE

TAG	SERVICE	CFM RANGE	FACE SIZE (IN)	NECK SIZE (IN)	TYPE	OBD	MANUFACTURER PRICE & MODEL	ADDITIONAL OPTIONS
(A)	SUPPLY	0 - 100	24x24	6"ø	SQUARE PLAQUE	NO	SPD	
(B)	SUPPLY	105 - 175	24x24	8"ø	SQUARE PLAQUE	NO	SPD	
(C)	SUPPLY	180 - 270	24x24	10"ø	SQUARE PLAQUE	NO	SPD	
(D)	SUPPLY	275 - 425	24x24	12"ø	SQUARE PLAQUE	NO	SPD	
(E)	SUPPLY	430 - 700	24x24	14"ø	SQUARE PLAQUE	NO	SPD	
(F)	SUPPLY	0 - 100	12x12	6"ø	SQUARE PLAQUE	NO	SPD	
(G)	SUPPLY	105 - 250	12x12	8"ø	SQUARE PLAQUE	NO	SPD	
(H)	SUPPLY	175 - 275	24x24	8"x8"	MODULAR 4-WAY	NO	SPD	
(I)	SUPPLY	165 - 250	24"(L), 6"(W), ½" SPACING, 3/16" BARS, 15° DEFL. LINEAR BAR 10"ø INLET INSULATED UNIVERSAL PLENUM			YES	LBP 26B	C
[A]	RETURN	0 - 175	24x24	8"ø	PERFORATED FACE	NO	PDDR	
[B]	RETURN	180 - 270	24x24	10"ø	PERFORATED FACE	NO	PDDR	
[C]	RETURN	275 - 400	24x24	12"ø	PERFORATED FACE	NO	PDDR	
[D]	RETURN	405 - 620	24x24	14"ø	PERFORATED FACE	NO	PDDR	
[E]	RETURN	625 - 1250	24x24	16"ø	PERFORATED FACE	NO	PDDR	
[F]	RETURN	0 - 100	16x16	6"ø	PERFORATED FACE	NO	PDDR	
[G]	RETURN	105 - 210	16x16	8"ø	PERFORATED FACE	NO	PDDR	
[H]	RETURN	215 - 330	16x16	10"ø	PERFORATED FACE	NO	PDDR	
[I]	RETURN	130 - 350	MFG	18"x4"	45° DEFL. LVRD FACE, 3/4" SPACING	NO	530 D	B,E
[J]	RETURN	165 - 250	24"(L), 6"(W), ½" SPACING, 3/16" BARS, 15° DEFL. LINEAR BAR 10"ø INLET INSULATED UNIVERSAL PLENUM			YES	LBP 26B	C
⟨A⟩	EXHAUST	0 - 175	24x24	8"ø	PERFORATED FACE	NO	PDDR	
⟨B⟩	EXHAUST	180 - 270	24x24	10"ø	PERFORATED FACE	NO	PDDR	
⟨C⟩	EXHAUST	275 - 390	24x24	12"ø	PERFORATED FACE	NO	PDDR	
⟨D⟩	EXHAUST	395 - 620	24x24	14"ø	PERFORATED FACE	NO	PDDR	
⟨E⟩	EXHAUST	625 - 1250	24x24	16"ø	PERFORATED FACE	NO	PDDR	
⟨F⟩	EXHAUST	0 - 100	16x16	6"ø	PERFORATED FACE	NO	PDDR	
⟨G⟩	EXHAUST	105 - 210	16x16	8"ø	PERFORATED FACE	NO	PDDR	
⟨H⟩	EXHAUST	215 - 330	16x16	10"ø	PERFORATED FACE	NO	PDDR	

ADDITIONAL OPTIONS (AS NOTED)

A: ADJUST FROM HORIZONTAL DISCHARGE TO VERTICAL DISCHARGE. PROVIDE DIFFUSER WITH SQUARE TO ROUND NECK ADAPTOR, MODEL #SR

B: PROVIDE REGISTER WITH ROUND NECK ADAPTOR WHERE REQUIRED.

C: PROVIDE LINEAR SLOT AND/OR LINEAR BAR GRILLE WITH END CAPS, BORDER SUITABLE FOR INSTALLING ON GYB CEILING/SIDEWALL.

D: PROVIDE SPIRAL DUCT GRILLE SIZED TO MATCH DUCT SIZE O.D., END FRAMES TO MATCH DUCT SIZE O.D., CLOSED CELL FOAM GASKET FACTORY COLOR TO MATCH DUCTWORK COLOR, AIR SCOOP ACCESSORY, AND OPPOSED BLADE DAMPER, NO EXCEPTIONS.

E: PROVIDE LOUVERED FACE GRILLE WITH STEEL OBD, FACTORY INSTALLED.

NOTES:

1. ALL DEVICES SHALL BE FINISHED WITH AN ENAMEL FINISH, COLOR BY ARCHITECT. COORDINATE DEVICE COLOR(S) WITH ARCHITECT PRIOR TO ORDERING. COLOR COORDINATION SHALL INCLUDE BUT NOT BE LIMITED TO DIFFUSER FACE, CENTER TEE, FRAME INTERIOR, PATTERN CONTROLLER, ETC.
2. ALL DEVICES SHALL BE FURNISHED WITH FRAMES SUITABLE FOR TYPE OF INSTALLATION REQUIRED, NO EXCEPTIONS.
3. PROVIDE EXTERNAL FOIL-BACK INSULATION, FACTORY INSTALLED FOR ALL DIFFUSER/GRILLE HOUSING.
4. ALL LINEAR SLOT DIFFUSERS AND BAR GRILLES SHALL BE FURNISHED WITH END CAPS.
5. ALL DEVICES INSTALLED IN HARD CEILINGS, WALLS, OR DIRECTLY ATTACHED TO DUCTS SHALL BE PROVIDED WITH OBD'S.
6. UNLESS OTHERWISE NOTED, ALL LINEAR SLOTS, BAR GRILLES, LOUVERED AND/OR EGGCRATE FACE GRILLES/REGISTERS SHALL BE PROVIDED WITH AN INSULATED PLENUM BOX FACTORY INSTALLED BY MANUFACTURER. PLENUM BOX SHALL BE FACTORY INSULATED WITH FIBER FREE FOAM, COLOR BLACK. PROVIDE PLENUM BOX WITH DUCT COLLAR AND WITH CABLE/FACE OPERATED FULL FLOW MANUAL CONTROL DAMPER ACCESSIBLE FROM FACE OF LINEAR SLOT OR BAR GRILLE.
7. COORDINATE GRILLES/DIFFUSERS WITH ARCHITECTURAL CEILING AND STRUCTURAL FRAMING LAYOUTS PRIOR TO ORDERING. COORDINATION SHALL INCLUDE TYPE OF INSTALLATION, MOUNTING REQUIREMENTS, T-BAR SPACING/SIZE, GYPBOARD FRAMING, INSTALLATION CLEARANCES, ETC.
8. ADJUST PATTERN CONTROLLERS ON ALL LINEAR SLOTS AND LINEAR BAR GRILLES PRIOR TO AIR BALANCE (T&B).
9. SEE AIR DEVICE TAG FOR DUCT INLET SIZE. ALL DUCT RUNOUTS TO BE SIZED PER GRD AIR TERMINAL NECK SIZE ON SCHEDULE AND/OR AS INDICATED ON PLANS IN CONJUNCTION WITH REQUIREMENTS BY GRD MANUFACTURER. COORDINATE ALL DUCT SIZES PRIOR TO BIDDING, NO EXCEPTIONS. DUCT SIZE SHALL MATCH GREILLE/LOUVER SIZE IF NO DUCTWORK SIZE INDICATED ON PLANS. CONTRACTOR SHALL REFERENCE DUCTWORK INSULATION SCHEDULE FOR ALL DUCTWORK INSULATION REQUIREMENTS.
10. CONTRACTOR SHALL PAINT ALL VISIBLE SURFACES THROUGH GRD'S FLAT BLACK. PLENUM BOX INSULATION SHALL BE COLOR BLACK FROM FACTORY.
11. PROVIDE TAPERED TRANSITIONS FOR ALL SUPPLY DIFFUSERS WITH NECK SIZES DIFFERENT THAN SUPPLY DUCT RUN-OUT SIZES.
12. PROVIDE SPIN-IN TAP WITH MANUAL VOLUME DAMPER AT EACH BRANCH TAKE-OFF. SEE DETAILS SHEET AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
13. WHERE TEE-BAR CEILING GRID IS USED, GENERAL CONTRACTOR SHALL ENSURE THAT ALL SELECTED GRILLES/DIFFUSERS/LIGHTING FIXTURES WILL FIT PROPERLY IN CEILING SYSTEM. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPE(S).

HVAC SEQUENCE OF OPERATIONS

MECHANICAL CONTRACTOR SHALL PROVIDE CONTROLS THAT MATCH THE MANUFACTURER'S RECOMMENDATION FOR ALL EQUIPMENT PROVIDED. SEE SPECIFICATIONS FOR ADDITIONAL CONTROLS INFORMATION.

THE SEQUENCE OF OPERATIONS PROVIDED IN THE CONTRACT DOCUMENTS IS INTENDED TO COMMUNICATE THE GENERAL DESIGN INTENT TO THE CONTROLS SUBCONTRACTOR AND IS NOT INTENDED TO BE FULLY DEVELOPED OR COMPLETE. IN THE CONTROLS SUBMITTAL, THE SUBCONTRACTOR SHALL FULLY DEVELOP THE SEQUENCE OF OPERATIONS FOR ALL SYSTEMS IDENTIFIED AND SHALL PRESENT ALL SETPOINTS, CONTROL PARAMETERS, AND ALARM POINTS. THE CONTROLS SUBCONTRACTOR SHALL INCORPORATE STANDARD FEATURES SUCH AS MINIMUM RUN TIME DELAYS AND DEAD BANDS FROM SETPOINTS TO PREVENT EQUIPMENT FROM SHORT CYCLING AND WHEN HOVERING AROUND SETPOINTS. ALL MONITORED POINTS SHALL INCLUDE EARLY HIGH/LOW ALARM NOTIFICATIONS PRIOR TO HAVING TO TAKE CORRECTIVE ACTIONS OR EQUIPMENT SHUTDOWNS. TRANSMITTERS SHALL INCLUDE OUT-OF-RANGE, FAIL-SAFE POSITIONING FOR OPEN CIRCUITS OR LOSS OF COMMUNICATION. CONTROL CONTRACTOR SHALL SPECIFY TO FAIL DE-ENERGIZER, HOLD LAST STATE, OR DEFAULT TO A PREDETERMINED SETPOINT. THESE BASIC FEATURES THAT ARE NECESSARY AND ARE PART OF A ROBUST CONTROLS INSTALLATION SHALL BE ASSUMED INCLUDED IN THE SCOPE OF SERVICES FOR DELIVERABLES AT NO ADDITIONAL COSTS TO THE OWNER.

GENERAL AREAS:

THE AHU's WILL BE FULLY CONTROLLED BY INTERNAL CONTROLS. THE UNITS WILL BE PROVIDED WITH STAND-ALONE CONTROLLERS.

AHU's SHALL BE CONTROLLED BY 7-DAY PROGRAMMABLE THERMOSTAT WITH HUMIDISTAT FEATURE OR ZONE SENSORS /W UNIT SENSORS/CONTROLS (SEE PLANS FOR INFORMATION). ROOFTOP UNITS SHALL SWITCH TO OCCUPIED MODE (74° - ADJUSTABLE, ± 4°F) ONE HOUR PRIOR TO BUILDING OCCUPANCY AND SHALL SWITCH TO UNOCCUPIED MODE (85°F COOLING, 68°F HEATING) ONE HOUR AFTER BUILDING OCCUPANCY. OCCUPANCY TIME TO BE DETERMINED BY OWNER. 3-HOUR OVERRIDES SHALL BE PROVIDED AS NEEDED FOR RETAIL PERSONNEL. DUCT MOUNTED HUMIDITY SENSORS SHALL BE INSTALLED IN R.A. DUCTWORK INTERLOCKED WITH 7-DAY PROGRAMMABLE THERMOSTAT WITH BUILT IN HUMIDISTAT FEATURE TO ENERGIZE ROOFTOP UNITS AND CORRESPONDING COMPRESSOR(S) TO MAINTAIN 50% RH WITH ±3°F OCCUPIED AND UNOCCUPIED DEADBAND AND MINIMUM UNIT RUNTIME OF 15 MINUTES DURING HUMIDITY OVERRIDE.

OPTIMAL START/STOP
THE AHU SYSTEM WILL BE STARTED AND STOPPED AS DEFINED BY OWNER BUILDING SCHEDULE. THE SYSTEM WILL START/STOP BY SCHEDULED OCCUPANCY TIME.

UNOCCUPIED COOLING
THE AHU's TO HAVE AN UNOCCUPIED COOLING SET POINT (85 DEG F, ADJUSTABLE AT EACH AHU). TO MAINTAIN DURING UNOCCUPIED PERIODS. ONCE ENERGIZED, THE RTU WILL PROVIDE COOLING AS SCHEDULED. THE SYSTEM WILL REMAIN ENERGIZED UNTIL SPACE SCHEDULED SET POINTS ARE MET.

UNOCCUPIED HEATING
THE AHU's TO HAVE AN UNOCCUPIED HEATING SET POINT (65 DEG F, ADJUSTABLE AT EACH AHU). TO MAINTAIN DURING UNOCCUPIED PERIODS. ONCE ENERGIZED, THE OUTSIDE AIR DAMPER WILL REMAIN CLOSED AND THE SUPPLY FAN WILL MAINTAIN THE DUCT STATIC PRESSURE SET POINT. THE SYSTEM WILL REMAIN ENERGIZED UNTIL NO ZONES REQUIRE UNOCCUPIED HEATING.

OCCUPANCY OVERRIDE
EACH SYSTEM WILL BE AVAILABLE FOR OCCUPANCY OVERRIDE. DURING UNOCCUPIED MODE, THE UNIT CONTROLLER WILL OVERRIDE THE ASSOCIATED SYSTEM INTO OCCUPIED MODE FOR 3 HOURS (ADJ.).

SUPPLY FAN CONTROL
WHEN THE AHU IS ENERGIZED, THE SUPPLY FAN VFD OR ECM MOTOR, WILL MODULATE TO MAINTAIN THE DUCT STATIC PRESSURE SET POINT (ADJ.). FAN SHALL MODULATE CAPACITY TO MAINTAIN 55° FLAT.

MECHANICAL COOLING
IF OUTSIDE AIR IS NOT SUFFICIENT TO PROVIDE COOLING, THE DX COMPRESSORS WILL BE TASKED WITH MAINTAINING THE DISCHARGE AIR TEMPERATURE SET POINT WHEN THE SYSTEM IS ENERGIZED AND NOT IN MORNING WARM-UP. STAGES OF DX COOLING WILL BE ENERGIZED AS NEEDED TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SET POINT. COMPRESSOR STAGING CONTROL WILL BE DETERMINED BY THE AHU's INTERNAL CONTROLS. THE DISCHARGE AIR TEMPERATURE SET POINT SHALL MODULATE TO CONTROL SPACE TEMPERATURE AND/OR HUMIDITY AS SCHEDULED.

THE AIR ECONOMIZER WILL BE ENABLED BY A COMPARATIVE ENTHALPY. AHU-12 SHOULD BE PROVIDED WITH AN OUTSIDE AIR TEMP AND HUMIDITY SENSOR AS WELL AS A RETURN AIR TEMP AND HUMIDITY SENSOR. OUTSIDE AIR ENTHALPY AND RETURN AIR ENTHALPY WILL BE CALCULATED. IF THE OUTSIDE ENTHALPY IS LESS THAN THE RETURN AIR ENTHALPY, FREE COOLING IS AVAILABLE AND THE ECONOMIZER WILL BE ENABLED. AFTER BEING ENABLED, INTERNAL TRANE AHU CONTROLS WILL MODULATE THE OUTSIDE AIR AND RETURN AIR DAMPERS TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SET POINT.

HUMIDITY CONTROL
RETURN TEMPERATURE AND HUMIDITY WILL BE MONITORED AT EACH AHU, AND ZONE CONTROLLER LOCATION. IF THE RETURN AND /OR SPACE HUMIDITY RISES ABOVE SET POINT. THE DISCHARGE AIR TEMPERATURE SET POINT WILL RESET AND UNIT FAN SPEED AND CAPACITY SHALL MODULATE AS REQUIRED TO MAINTAIN SPACE HUMIDITY SET POINTS.

MINIMUM OA DAMPER POSITION
THE OUTSIDE AIR DAMPER WILL GO TO MINIMUM POSITION DURING SCHEDULED OCCUPIED TIMES IF NOT IN ECONOMIZER MODE. THE MINIMUM POSITION WILL BE DEFINED BY THE TEST AND BALANCE CONTRACTOR AND BE BASED ON OUTDOOR AIR INTAKE AS LISTED IN RTU SCHEDULE.

DISCHARGE AIR TEMPERATURE RESET
IF NOT IN MORNING WARM-UP, MORNING COOL-DOWN, OR HUMIDITY CONTROL, THE DISCHARGE AIR TEMPERATURE SET POINT WILL BE RESET ACCORDING TO THE OUTSIDE AIR TEMPERATURE. (ADJ.):

DUCT SMOKE DETECTORS:

CONTRACTOR SHALL PROVIDE SMOKE DETECTORS AS OUTLINED ON PLANS FOR ALL SPLIT SYSTEMS. SEE AHU UNIT SCHEDULE FOR INFORMATION.

RESTROOM EXHAUST FANS:

CEILING MOUNTED RESTROOM EXHAUST FANS ARE TO BE INTERLOCKED WITH LOCAL LIGHTING CIRCUIT TO ACTIVATE UPON RESTROOM OCCUPANCY. ROOF MOUNTED FANS SERVING MULTIPLE SPACES, INCLUDING RESTROOMS, SHALL BE INTERLOCKED WITH A TIME CLOCK AND OPERATE CONTINUOUSLY BUILDING IS IN OPERATION.

EXHAUST SYSTEMS SEQUENCES OF OPERATION

GENERAL REST ROOM EXHAUST:
- ALL EXHAUST FANS SERVING REST ROOMS, SHOWER ROOMS, LOCKER ROOMS, ETC. SHALL BE INTERLOCKED WITH ASSOCIATED ROOM LIGHTING OCCUPANCY SENSOR FOR CONTROL.

ISOLATION ROOM EXHAUST:
- ISOLATION ROOM(S) WILL REQUIRE 100 PERCENT OUTSIDE AIR WHEN IN USE; NO RETURN FROM THIS ROOM. FAN SHALL BE CONTROLLED VIA MANUAL SWITCH ON INTERIOR ROOM WALL. SWITCH SHALL BE PROVIDED WITH A PILOT LIGHT LOCATED ON ADJACENT EXTERIOR OF ROOM FOR VISUAL CONFIRMATION THE FAN IS OPERATING WHEN NEEDED.

ANIMAL AREAS ROOM EXHAUST:
- ALL ANIMAL AREAS (E.G. RUNS, WARDS, HOLDING KENNELS, ETC.) SHALL BE PROVIDED WITH AN ENERGY RECOVERY VENTILATOR THAT IS INTERCONNECTED WITH ASSOCIATED HVAC SYSTEM(S) SERVING EXHAUST SPACE. ERV EXHAUST FAN(S) SHALL ENERGIZE AND DE-ENERGIZE WITH THE ACTIVATION AND DE-ACTIVATION OF INTERLOCKED AHU FOR GENERAL SPACE CONDITIONING. MECHANICAL CONTRACTOR SHALL COORDINATE ALL REQUIRED CONTROL(S) SYSTEMS, WIRING, SWITCHES BETWEEN FAN MANUFACTURER AND RTU MANUFACTURER TO ENSURE INTERCONNECTION IS POSSIBLE.

AREAS OF FOCUS THIS PROJECT:
CANINE ADOPTION AREAS
FELINE/CANINE HOLDING AREAS
FELINE CONDO AREAS
REAL LIFE ROOMS
CONGREGATION ROOMS
INDOOR PLAY/EXERCISE AREAS
EXOTIC/AVIAN
TREATMENT/RECOVERY AREAS

FAN SCHEDULE

TAG	SYSTEM SERVED	FAN TYPE	CFM	E.S.P. (IN.WC)	DRIVE TYPE	RPM	ELECTRICAL DATA H.P.	ELECTRICAL DATA WATTS	ELECTRICAL DATA VOLTAGE	SONES	OPERATING WEIGHT	MANUFACTURER GREENHECK & MODEL	OPTIONS
EF-1	141 MENS RR	CEILING EXHAUST	70	0.25	DIRECT	900	–	17.6	115V-1ø	1.1	12 LBS	SP-A90	A,B,F,S
EF-2	142 WOMENS RR	CEILING EXHAUST	70	0.25	DIRECT	900	–	17.6	115V-1ø	1.1	12 LBS	SP-A90	A,B,F,S
EF-3	162 PUBLIC RR	CEILING EXHAUST	70	0.25	DIRECT	900	–	17.6	115V-1ø	1.1	12 LBS	SP-A90	A,B,F,S
EF-4	243 MENS RR	CEILING EXHAUST	70	0.25	DIRECT	900	–	17.6	115V-1ø	1.1	12 LBS	SP-A90	A,B,F,S
EF-5	249 MENS SHOWER	CEILING EXHAUST	70	0.25	DIRECT	900	–	17.6	115V-1ø	1.1	12 LBS	SP-A90	A,B,F,S
EF-6	223 JANITOR	CEILING EXHAUST	30	0.25	DIRECT	900	–	16.4	115V-1ø	1.3	12 LBS	SP-A70	A,B,F,S
EF-7	226 WOMENS SHOWER	CEILING EXHAUST	70	0.25	DIRECT	900	–	17.6	115V-1ø	1.1	12 LBS	SP-A90	A,B,F,S
EF-8	242 WOMENS RR	CEILING EXHAUST	70	0.25	DIRECT	900	–	17.6	115V-1ø	1.1	12 LBS	SP-A90	A,B,F,S
EF-9	155 02 CLOSET	CEILING EXHAUST	25	0.5	DIRECT	900	–	17	115V-1ø	2.0	9 LBS	SP-B80	A,B,F,Q
EF-10	173 JANITOR CLOSET	CEILING EXHAUST	30	0.25	DIRECT	900	–	17.6	115V-1ø	1.1	12 LBS	SP-A90	A,B,F,S
EF-11	232 FELINE HOLD 2	INLINE EXHAUST	300	0.25	DIRECT	1050	1/30	–	115V-1ø	4.0	27 LBS	SQ-95-VG	A,B,F,L,Y
EF-12	116 FELINE CONDOS 1	INLINE EXHAUST	180	0.25	DIRECT	1050	1/30	–	115V-1ø	4.0	27 LBS	SQ-95-VG	A,B,F,L,Y
EF-13	112 FELINE CONDOS 2	INLINE EXHAUST	120	0.25	DIRECT	1050	1/30	–	115V-1ø	2.8	27 LBS	SQ-80-VG	A,B,F,L,Y
EF-14	143 JANITOR	CEILING EXHAUST	30	0.25	DIRECT	900	–	17.6	115V-1ø	1.3	12 LBS	SP-A70	A,B,F,S
EF-15	171 FELINE HOLD CONDOS	INLINE EXHAUST	150	0.25	DIRECT	1050	1/30	–	115V-1ø	4.0	27 LBS	SQ-95-VG	A,B,F,L,Y
EF-16	156/158 ISO AREAS	INLINE EXHAUST	210	0.25	DIRECT	1050	1/30	–	115V-1ø	4.0	27 LBS	SQ-95-VG	A,B,F,L,Y
RF-1	ECONOMIZER RELIEF FAN	IN-LINE EXHAUST	2800	1.0	VARI GREEN	1336	2	–	208V-1ø	9.7	122 LBS	SQ-160-VG	A,B,J,X

OPTIONS

A: DISCONNECT SWITCH
B: BACKDRAFT DAMPER
C: PREFAB. ROOF CURB
D: BIRDSCREEN
E: SHORT BASE OPTION
F: HANGING BRACKETS WITH VIBRATION ISOLATION
G: WALL MOUNTED HAND-OFF-AUTO (HOA) SWITCH WITH MOTOR STARTER/ (200 VOLTS OR HIGHER - 3 PHASES) WITH AUXILIARY CONTACT AND RELAY. STARTER PROVIDED BY M.C.
H: WALL MOUNTED HAND-OFF-AUTO (HOA) SWITCH WITH MAGNESTIC MOTOR STARTER (120 VOLTS - SINGLE PHASE) AND AUXILIARY CONTACT AND RELAY. STARTER PROVIDED BY M.C.
I: INTERLOCK WITH ASSOCIATED DOAS SYSTEM
J: PROVIDE FACTORY FAN SPEED CONTROLLER TO BALANCE FAN
K: INTERLOCKED WITH LIGHTING FIXTURE SWITCH
L: WL, WALL LOUVER DISCHARGE
M: RFC, ROOF CAP (FLAT ROOF) RL, ROOF CAP (PITCHED ROOF) WITH MANUAL DAMPER
N: MOTORIZED DAMPER - 120V
O: PROVIDE FAN WITH FREE STANDING SPRING ISOLATORS AND VIBRATION ISOLATION RAILS, W/ WIND RESTRAINTS
P: WASHABLE ALUMINUM FILTERS
Q: CONTINUOUS RUN 24/7
R: EXHAUST METAL GRILLE
S: INTERLOCKED WITH LIGHTING OCCUPIED SENSOR (PROVIDED BY E.C. - SEE ELEC. DWGS FOR LOCATION)
T: RUN CONTINUOUSLY DURING OCCUPIED HOUR USE, CONNECTED VIA LIGHTING CONTROL. (CONTROL PROVIDED BY E.C. - SEE ELEC. DWGS FOR LOCATION)
U: INTERLOCK WITH CO/N20 MONITORS/DETECTORS
V: DISCHARGE SHUTTER (OUTLET DAMPER)
W: FOR OUTDOOR INSTALLATION
X: INTERLOCKED WITH ECONOMIZER/AHU TO ENERGIZE WHEN SYSTEM IN ECONOMIZER MODE; COORDINATE ALL CONTROLS INVOLVED
Y: RUN CONTINUOUSLY 24/7 FOR CAT CONDO EXHAUST SYSTEM

NOTES:
1. ALL FANS SHALL BE U.L. LABELED.
2. ALL FANS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.
3. BACKDRAFT DAMPER ON ROOF SUPPLY FANS SHALL BE MOTORIZED.

MINI SPLIT SYSTEM/HEAT PUMP SCHEDULE

TAG	AREA SERVED	S.A. (CFM)	EVAPORATOR SECTION: RATED TC (MBH)	MIN/MAX TC (MBH)	SC (MBH)	MIN/MAX HEAT (MBH)	WEIGHT (LBS)	ELECTRICAL DATA: MCA	ELECTRICAL DATA: VOLTAGE	CONDENSING SECTION: ELECTRICAL DATA: MCA	MOCP	VOLTAGE	WEIGHT (LBS)	EFFICIENCY	MANUFACTURER MITSUBISHI & MODEL	ADDITIONAL OPTIONS
DAH-1/DHP-1	154 DOUBLE SURGERY	550	17.2	5.8/18.0	14.8	5.4/20.9	28	1	208V-1ø	10	15	208V-1ø	81	16 SEER/3.1 COP	MSZ-WR18NA/MUZ-WR18NA	F

OPTIONS (ALL UNITS)
- WALL MOUNTED 7-DAY PROGRAMMABLE DIGITAL THERMOSTAT
- CONDENSATE DRAIN PAN OVERFLOW SWITCH
- SINGLE POINT ELECTRICAL CONNECTION
- GALVANIZED CONDENSATE DRAIN PAN
- INTEGRAL CONDENSATE PUMP
- 4" THICK PREFABRICATED PAD OR CONCRETE PAD FOR OUTDOOR UNIT
- PRE-CHARGED REFRIGERANT LINE SETS
- MANUFACTURER MINIMUM CLEARANCES

ADDITIONAL OPTIONS (UNITS AS NOTED)
A: CONDENSATE PUMP, DIVERSITECH CP-22 120V/1ø
B: 24V MOTORIZED O.A. DAMPER
C: 120V/1ø MOTORIZED O.A. DAMPER
D: STAINLESS STEEL DRAIN PAN
E: OUTDOOR UNIT WIND RESTRAINTS
F: UV LIGHT EQUAL TO ULTRAVATION MODEL 'UVPHOTOMAX' MOUNTED IN AIRSTREAM

NOTES:
1. ALL UNITS SHALL BE U.L. LABELED.
2. ALL UNITS SHALL HAVE R-410A REFRIGERANT.
3. ALL UNITS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.
4. INDOOR UNIT POWERED BY OUTDOOR UNIT, SINGLE POINT ELECTRICAL CONNECT AT OUTDOOR UNIT ONLY. DISCONNECT SWITCH REQUIRED BY ELECTRICAL CONTRACTOR AT BOTH INDOOR AND OUTDOOR UNIT LOCATION.
5. CONTRACTOR SHALL VERIFY EQUIPMENT SUPPLIER EXACT ROUTING AND SIZE OF INSULATED REFRIGERANT PIPING. INSTALL PER MANUFACTURER RECOMMENDATIONS.

INTAKE LOUVER SCHEDULE

TAG	AREA SERVED	AIR FLOW (CFM)	LOUVER FUNCTION	THROAT VELOCITY (FT/MIN)	WIDTH (IN)	HEIGHT (IN)	DEPTH (IN)	FREE AREA (%)	MANUFACTURER RUSKIN & MODEL	OPERATING WEIGHT	ADDITIONAL OPTIONS
IL-1	212 MECH 1	5795	INTAKE	703	60	36	WALL	55	ELF6375DX	155 LBS	A,B,C
IL-2	215 MECH 2	5770	INTAKE	703	60	36	WALL	55	ELF6375DX	155 LBS	A,B,C
IL-3	230 MECH 3	9370	INTAKE	678	72	48	WALL	58	ELF6375DX	213 LBS	A,B,C

OPTIONS (ALL LOUVERS)
- STANDARD CONSTRUCTION
- BIRD/INSECT SCREEN
- PAINTED TO MATCH ADJ. SURFACES
- BACKDRAFT DAMPER
- DRAINABLE BLADES
- COMBINATION LOUVER/DAMPER
- INTERLOCKED WITH EXHAUST FAN
- ALL WELDED CONSTRUCTION
- ARCH. STYLE HIDDEN MULLIONS

ADDITIONAL OPTIONS (UNITS AS NOTED)
A: PAINTED /W BAKED ENAMEL FINISH (COORD. COLOR W/ ARCHITECT)
B: EXTENDED SILL
C: HINGED FRAME
D: FILTER RACKS
E: SECURITY BARS

NOTES:
1. ALL LOUVERS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.
2. LOUVER DAMPER TO CLOSE WHEN INTERLOCKED FAN NOT IN OPERATION.

EXHAUST LOUVER SCHEDULE

TAG	AREA SERVED	AIR FLOW (CFM)	LOUVER FUNCTION	THROAT VELOCITY (FT/MIN)	WIDTH (IN)	HEIGHT (IN)	DEPTH (IN)	FREE AREA (%)	MANUFACTURER RUSKIN & MODEL	OPERATING WEIGHT	ADDITIONAL OPTIONS
E-1	212 MECH 1	5795	EXHAUST	706	60	36	WALL	55	ELF6375DX	155 LBS	A,B,C
EL-2	215 MECH 2	5770	EXHAUST	706	60	36	WALL	55	ELF6375DX	155 LBS	A,B,C
EL-3	230 MECH 3	9370	EXHAUST	678	72	48	WALL	58	ELF6375DX	213 LBS	A,B,C

OPTIONS (ALL LOUVERS)
- STANDARD CONSTRUCTION
- BIRD/INSECT SCREEN
- PAINTED TO MATCH ADJ. SURFACES
- BACKDRAFT DAMPER
- DRAINABLE BLADES
- COMBINATION LOUVER/DAMPER
- INTERLOCKED WITH EXHAUST FAN
- ALL WELDED CONSTRUCTION
- ARCH. STYLE HIDDEN MULLIONS

ADDITIONAL OPTIONS (UNITS AS NOTED)
A: PRIME COATED /W BAKED ENAMEL FINISH
B: EXTENDED SILL
C: HINGED FRAME
D: FILTER RACKS
E: SECURITY BARS

NOTES:
1. ALL LOUVERS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.
2. LOUVER DAMPER TO CLOSE WHEN INTERLOCKED FAN NOT IN OPERATION.

FAN FILTER UNIT SCHEDULE

TAG	AREA SERVED	FAN FILTER INFORMATION: NOMINAL UNIT SIZE	ACTIVE FILT. FACE AREA (SQ.FT.)	MAXIMUM CFM	DESIGN CFM	ELECTRICAL INFORMATION: WATTS AT MAXIMUM CFM	FLA	VOLTAGE	MANUFACTURER ENVIRCO & MODEL	ADDITIONAL OPTIONS
FFU-1	154 DBL. SURG.	2x4 RSRE	5.3	610	300	300	1.5	208V-1PH	MAC-10-LAF	A,B,C,D

ADDITIONAL OPTIONS (UNITS AS NOTED)
A: RSRE OPTION FOR ROOM SIDE MAINTENANCE ON FILTER AND MOTOR/BLOWER ASSEMBLY
B: AIRFLOW INDICATOR LIGHT
C: SOLID STATE SPEED CONTROL
D: FILTER REPLACEMENT INDICATOR LIGHT

CONTRACTOR NOTE:
FAN FILTER UNITS SHALL BE WIRED DIRECTLY TO PANEL FOR CONTINUOUS RUN 24/7. COORDINATE WITH ELECTRICAL CONTRACTOR TO HAVE TAG-OUT-LOCK-OUT PROVISIONS MADE AT PANEL FOR FUTURE MAINTENANCE.

ELECTRIC HEATER SCHEDULE

TAG	AREA SERVED	HEATER TYPE	ELECTRICAL DATA: KW	AMPS	VOLTAGE	OPERATING WEIGHT	MANUFACTURER MARKEL & MODEL	ADDITIONAL OPTIONS
EUH-1	FIRE RISER ROOM	SUSPENDED	5	24.4	208V-1ø	25 LBS	F1F5105N	E,F
EUH-2	FUTURE BUILD OUT	SUSPENDED	15	42.9	208V-3ø	64 LBS	F3F5115CA1L	E,F
EWH-1,2	STAIRWELL	WALL	3	14.4	208V-1ø	– LBS	F3423T	A

OPTIONS (ALL UNITS)
- BUILT-IN THERMOSTAT
- TAMPER PROOF CONTROLS
- MOUNTING BRACKETS/HARDWARE

ADDITIONAL OPTIONS (UNITS AS NOTED)
A: FLUSH MOUNTING KIT, FULLY RECESSED
B: WALL MOUNTED THERMOSTAT /W INSULATED SUB BASE
C: WET LISTED FOR USE IN WET ENVIRONMENT
D: STAINLESS STEEL FINNED HEATING ELEMENTS
E: SUSPENDED HEATER SUPPORTS
F: ADJUSTABLE DISCHARGE LOUVERS

NOTES:
1. ALL HEATERS SHALL BE U.L. LABELED.
2. ALL HEATERS SHALL BE SUPPLIED BY ONE MANUFACTURER UNLESS NOTED OTHERWISE.
3. VERIFY MOUNTING HEIGHTS AND EXACT LOCATION WITH THE OWNER/ARCHITECT PRIOR TO INSTALLING UNIT.

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07/09/25

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

MECHANICAL SCHEDULES & NOTES

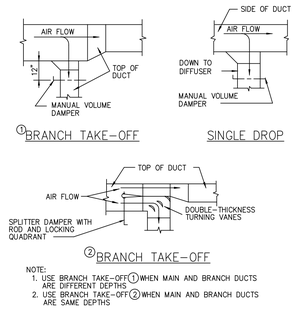
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REVISION:	2	06/04/2025	FIELD COORIDNATION
REVISION:	3	07/09/2025	ASI #2
REVISION:			

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

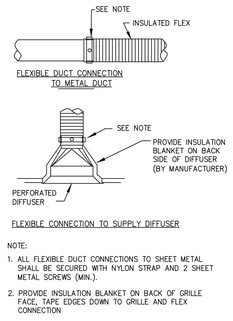
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PROJECT NO.: 23077
DRAWN: DRH
DATE: 07/08/2024

M004

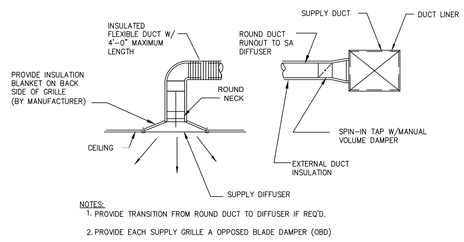
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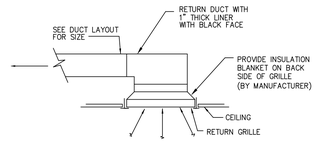
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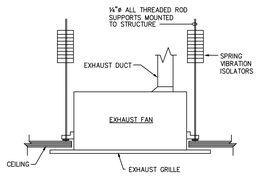
2 FLEX. CONNECTION DETAIL
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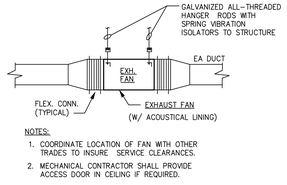
3 SPIN TAP TO ROUND NECK DIFFUSER
SCALE: NONE



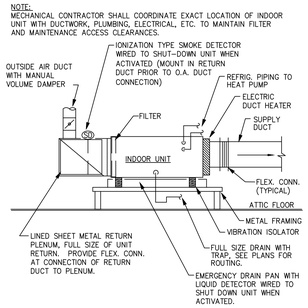
4 RETURN GRILLE DETAIL
SCALE: NONE



5 CEILING FAN DETAIL
SCALE: NONE

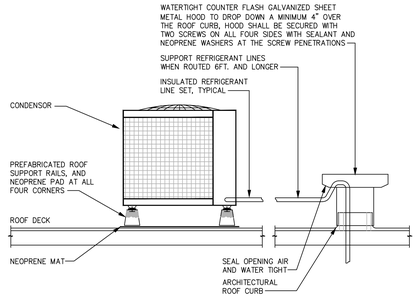


6 INLINE EXH. FAN DETAIL
SCALE: NONE

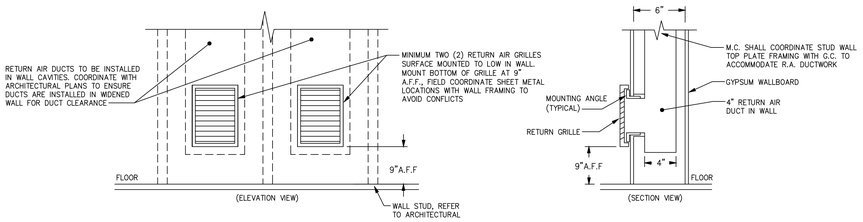


7 INDOOR UNIT DETAIL
SCALE: NONE

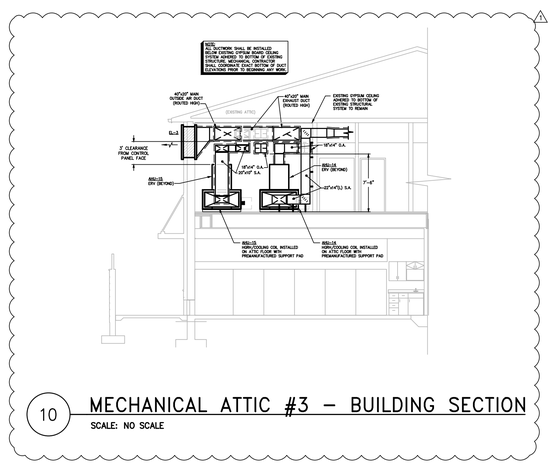
NOTE:
PROVIDE SMOKE DETECTORS WHERE INDICATED AND/OR ON ALL SYSTEMS 2000 CFM OR GREATER SUPPLY AIR. SMOKE DETECTORS SHALL BE WIRED TO SHUT DOWN THE UNIT UPON ACTIVATION. SMOKE DETECTORS SHALL BE FURNISHED, INSTALLED, AND WIRED BY THE MECHANICAL CONTRACTOR AND CONNECTED TO LOCAL FACP OR HVAC MONITORING PANEL AS REQUIRED.



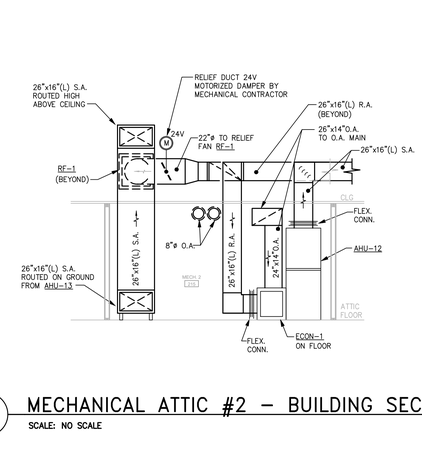
8 HEAT PUMP/ CONDENSING UNIT INSTALLATION
SCALE: NONE



SURGERY ROOM
RETURN AIR GRILLE DETAIL
SCALE: NO SCALE



10 MECHANICAL ATTIC #3 – BUILDING SECTION
SCALE: NO SCALE



11 MECHANICAL ATTIC #2 – BUILDING SECTION
SCALE: NO SCALE

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07/09/25

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

MECHANICAL DETAILS

REV.#	DATE	COMMENTS
REVISION:	07/09/2025	ASI #2
REVISION:		
REVISION:		
REVISION:		

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS
PROJECT NO.: 23077
DRAWN: DRH
DATE: 07/08/2024

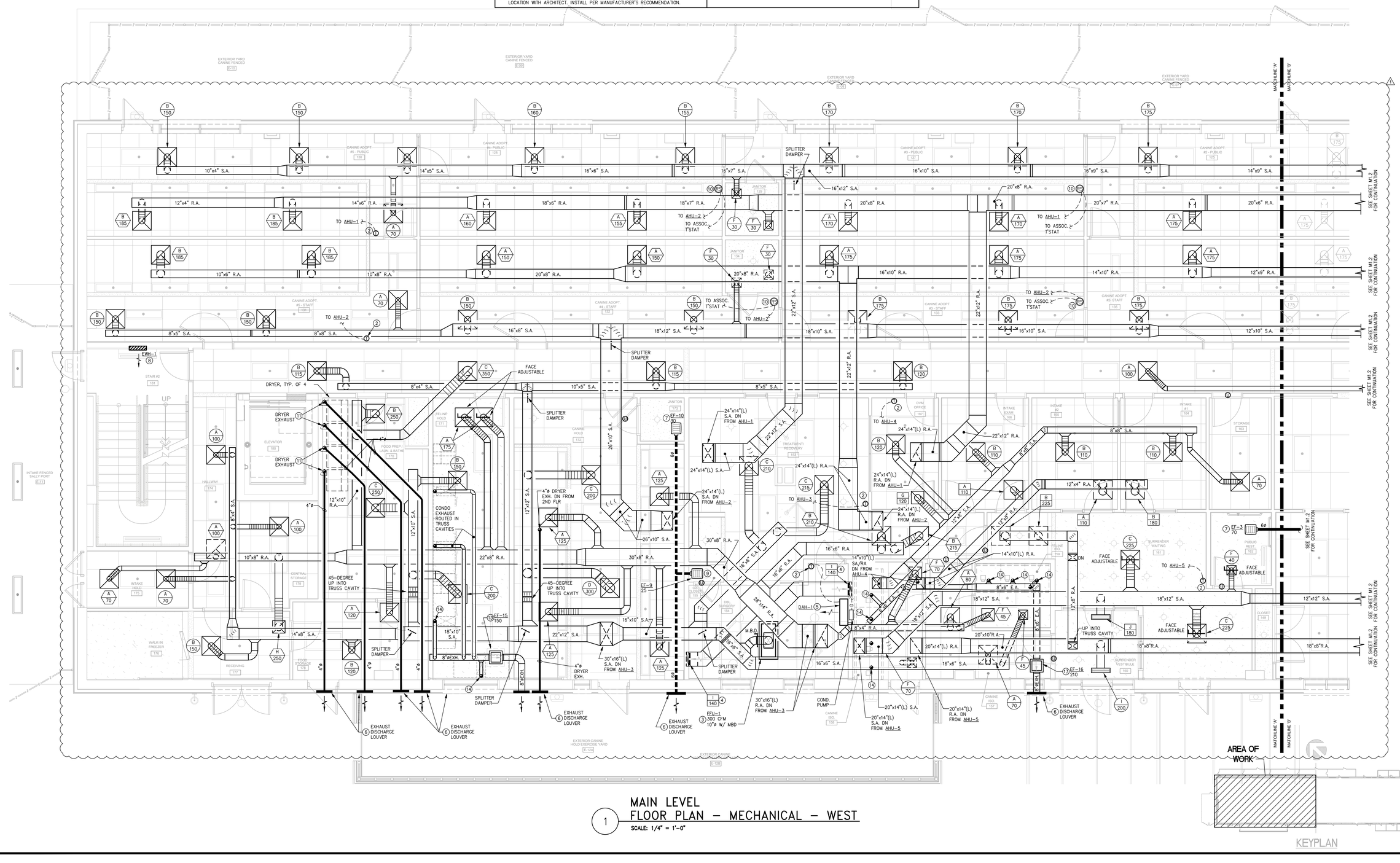
M007
7 OF 16

RATED WALL LEGEND

INDICATES A 1-HOUR RATED WALL

NOTES THIS SHEET

1. SEE SHEETS M001-007 FOR SPECIFICATIONS, LEGENDS, GENERAL NOTES, SCHEDULES AND DETAILS.
2. COORDINATE THERMOSTAT/SWITCH LOCATION WITH OWNER PRIOR TO ROUGHING-IN.
3. SURGERY ROOMS: MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL FAN FILTER UNIT (FFU-#) IN CEILING, SIZED AS INDICATED. COORDINATE WITH OWNER AND SURGERY ROOM EQUIPMENT SUPPLIER FOR EXACT LOCATION OF FFU PRIOR TO ROUGHING-IN. ENSURE THAT FFU MAINTAINS ALL REQUIRED MAINTENANCE AND OPERATIONAL CLEARANCES PER MANUFACTURER'S INSTRUCTION. FFU SHALL BE WIRED DIRECTLY TO ELECTRICAL PANEL FOR CONTINUOUS OPERATION AND SHALL RUN 24/7. COORDINATE WITH ELECTRICAL CONTRACTOR TO HAVE LOCK-OUT-TAG-OUT PROVISIONS MADE AT PANEL FOR FUTURE MAINTENANCE OF UNIT. ALL SUPPLY AIR DUCTWORK FEEDING FFU SHALL BE CONSTRUCTED OF RIGID DUCT, NO EXCEPTIONS.
4. SURGERY ROOMS: TWO (2) RETURN AIR GRILLES SHALL BE LOCATED LOW IN WALL (BOTTOM OF GRILLE TO BE 9" A.F.F.). GRILLE LOCATIONS SHALL BE COORDINATED WITH OWNER PRIOR TO ROUGHING-IN. PROVIDE AND INSTALL SHEET METAL R.A. DUCTS IN WALL SIZED AS INDICATED BELOW. FIELD COORDINATE DUCT LOCATIONS WITH STUD WALLS TO AVOID CONFLICT.
   154 DOUBLE SURGERY – 4"x18" R.A. SHEET METAL DUCT IN WALL
5. DAH-# DUCTLESS AIR HANDLER MOUNTED CENTERED ON WALL. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER AND MANUFACTURER PRIOR TO ROUGHING-IN. ROUTE CONDENSATE DRAIN LINE TO AUXILIARY DRAIN BOX BELOW CABINET NEAR SINK "S-4" IN 153 TREATMENT/RECOVERY AREA. SPILL WITH CODE APPROVED AIR GAP.
6. APPROXIMATE LOCATION OF SIDEWALL EXHAUST DISCHARGE. PROVIDE WITH CODE APPROVED DISCHARGE LOUVER WITH GRAVITY BACKDRAFT DAMPER. COORDINATE LOUVER FINISH AND FINAL LOCATION WITH ARCHITECT.
7. APPROXIMATE LOCATION OF CEILING MOUNTED EXHAUST FAN. FIELD VERIFY EXACT LOCATION OF FAN PRIOR TO ROUGHING-IN.
8. ELECTRIC WALL HEATER (EWH-#) TO BE FULLY RECESSED IN WALL. COORDINATE EXACT LOCATION WITH ARCHITECT. INSTALL PER MANUFACTURER'S RECOMMENDATION.
9. OXYGEN CLOSET EXHAUST FAN (EF-9) TO BE RUN 24/7. 6"ø EXHAUST DUCT ROUTED TO ROOF. EXHAUST DUCT SERVING N20/O2 ROOM SHALL BE CONSTRUCTED OF SCHEBLER "FYRE GUARD" PRE-FABRICATED DUCT, OR, SHALL BE WRAPPED IN A FIRE RETARDANT DUCT WRAP TO ACHIEVE A MINIMUM 1-HOUR FIRE BARRIER AND ZERO CLEARANCE TO COMBUSTIBLES DUCT SYSTEM. FIELD VERIFY BEST ROUTING OF DUCTWORK.
10. APPROXIMATE LOCATION OF REMOTE WALL MOUNTED TEMPERATURE SENSOR TO BE INTERLOCKED WITH ASSOCIATED SPLIT SYSTEM AND THERMOSTAT.
11. DRYER BY OTHERS. COORDINATE ALL MECHANICAL REQUIREMENTS VIA OWNER PROVIDED DRYER MANUFACTURER LITERATURE.
12. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL 4"/6"/8"ø RIGID DRYER DUCT (FIELD VERIFY WHICH EXACT SIZE EXHAUST DUCT TO INSTALL, VIA OWNER PROVIDED DRYER MANUFACTURER LITERATURE) PRIOR TO ROUGHING-IN. ROUTE RIGID CODE APPROVED DRYER DUCT TO EXTERIOR AS REQUIRED AND PROVIDE WITH CODE APPROVED DISCHARGE LOUVER, LINT TRAP, AND BACKDRAFT DAMPER.
    - WHERE THE EXHAUST DUCT EQUIVALENT LENGTH EXCEEDS 35' (10 688 mm), THE EQUIVALENT LENGTH OF THE EXHAUST DUCT SHALL BE IDENTIFIED ON A PERMANENT LABEL OR TAG. THE LABEL OR TAG SHALL BE LOCATED WITHIN 6 FEET (1829 mm) OF THE EXHAUST TERMINATION, AS PER SECTION 504.8.5 OF THE 2020 MECHANICAL CODE OF NEW YORK STATE.
13. APPROXIMATE LOCATION OF INLINE EXHAUST FAN (EF-15) TO BE INSTALLED ABOVE CEILING. MECHANICAL CONTRACTOR SHALL FULLY COORDINATE WITH GENERAL CONTRACTOR TO HAVE ACCESS PANEL(S) INSTALLED AS REQUIRED FOR MAINTENANCE AND CODE PURPOSES. FIELD VERIFY EXACT LOCATION OF FAN AND DISCHARGE POINT WITH ALL CONDITIONS PRIOR TO ROUGHING-IN. PROVIDE PERMANENT IDENTIFICATION LABEL AS CLOSE TO FAN AS POSSIBLE.
14. 4"ø EXHAUST CONNECTION FROM REAR OF CAT CONDO. MECHANICAL CONTRACTOR SHALL COORDINATE THE ROUTING OF NEW CAT CONDO EXHAUST DUCTWORK TO 10"ø MAIN AND ASSOCIATED CONTINUOUS RUN EXHAUST FAN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.



1 MAIN LEVEL
FLOOR PLAN – MECHANICAL – WEST
SCALE: 1/4" = 1'-0"

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STATE OF NEW YORK ★ M. MICHAEL SCHON ★ LICENSED PROFESSIONAL ENGINEER 071324

07/09/25

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

MAIN LEVEL
FLOOR PLAN - MECHANICAL - WEST

REV.#	DATE	COMMENTS
1	07/08/2025	ASI #2
REVISION:		
REVISION:		
REVISION:		
REVISION:		

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS
PROJECT NO.: 23077
DRAWN: DRH
DATE: 07/08/2024

M101

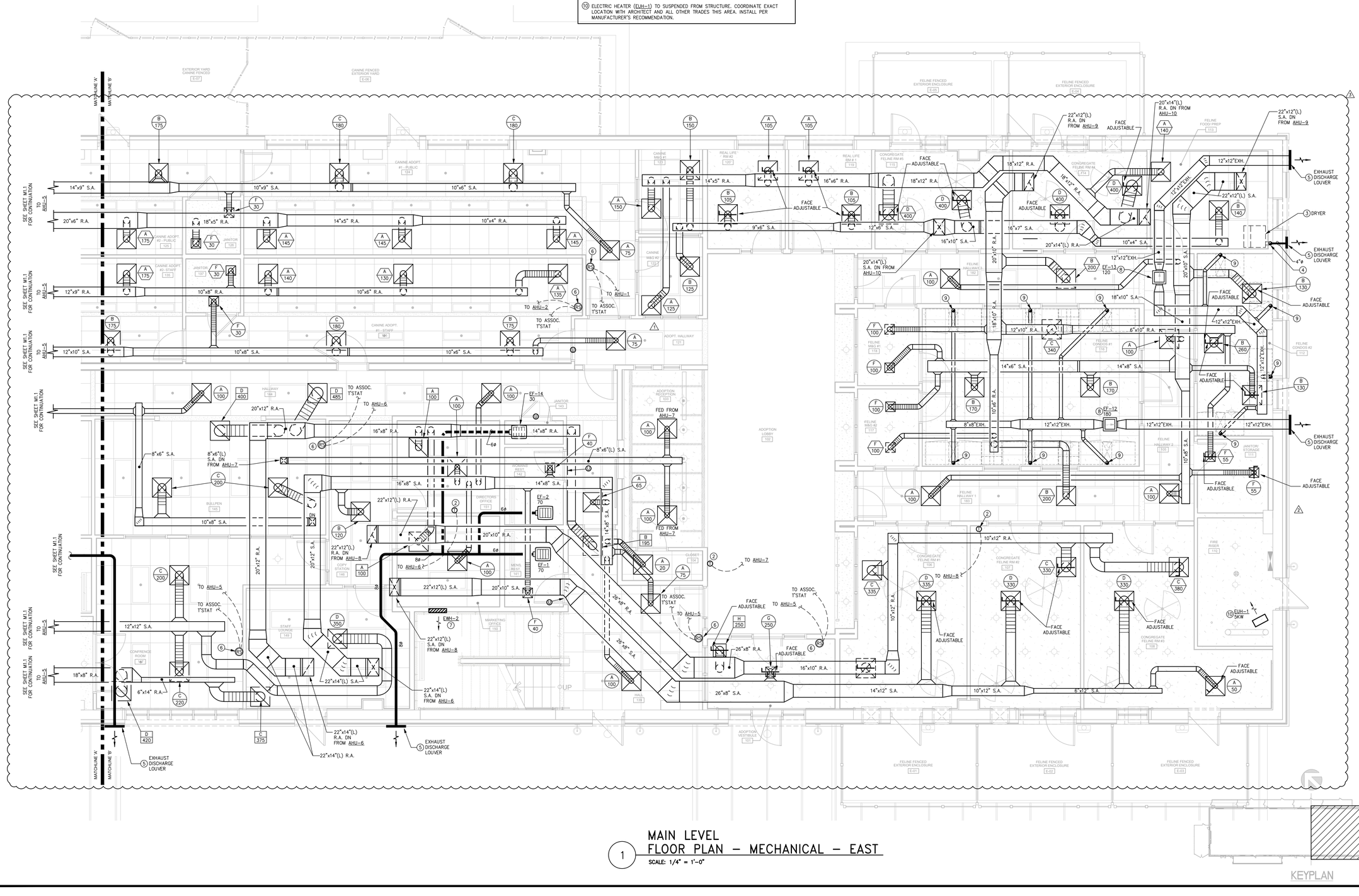
8 OF 16

RATED WALL LEGEND

INDICATES A 1-HOUR RATED WALL

NOTES THIS SHEET

1. SEE SHEETS M001-007 FOR SPECIFICATIONS, LEGENDS, GENERAL NOTES, SCHEDULES AND DETAILS.
2. COORDINATE THERMOSTAT/SWITCH LOCATION WITH OWNER PRIOR TO ROUGHING-IN.
3. DRYER BY OTHERS. COORDINATE ALL MECHANICAL REQUIREMENTS VIA OWNER PROVIDED DRYER MANUFACTURER LITERATURE.
4. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL 4"/6"/8"ø RIGID DRYER DUCT (FIELD VERIFY WHICH EXACT SIZE EXHAUST DUCT TO INSTALL, VIA OWNER PROVIDED DRYER MANUFACTURER LITERATURE) PRIOR TO ROUGHING-IN. ROUTE RIGID CODE APPROVED DRYER DUCT TO ROOF AS REQUIRED AND PROVIDE WITH CODE APPROVED DRYER VENT CAP, LINT TRAP, AND BACKDRAFT DAMPER.
5. APPROXIMATE LOCATION OF SIDEWALL EXHAUST DISCHARGE. PROVIDE WITH CODE APPROVED DISCHARGE LOUVER WITH GRAVITY BACKDRAFT DAMPER. COORDINATE LOUVER FINISH AND FINAL LOCATION WITH ARCHITECT.
6. APPROXIMATE LOCATION OF REMOTE WALL MOUNTED TEMPERATURE SENSOR TO BE INTERLOCKED WITH ASSOCIATED SPLIT SYSTEM AND THERMOSTAT.
7. ELECTRIC WALL HEATER (EWH-#) TO BE FULLY RECESSED IN WALL. COORDINATE EXACT LOCATION WITH ARCHITECT. INSTALL PER MANUFACTURER'S RECOMMENDATION.
8. APPROXIMATE LOCATION OF INLINE EXHAUST FAN (EF-#) TO BE INSTALLED ABOVE CEILING. MECHANICAL CONTRACTOR SHALL FULLY COORDINATE WITH GENERAL CONTRACTOR TO HAVE ACCESS PANEL(S) INSTALLED AS REQUIRED FOR MAINTENANCE AND CODE PURPOSES. FIELD VERIFY EXACT LOCATION OF FAN AND DISCHARGE POINT WITH ALL CONDITIONS PRIOR TO ROUGHING-IN. PROVIDE PERMANENT IDENTIFICATION LABEL AS CLOSE TO FAN AS POSSIBLE.
9. 4"ø EXHAUST CONNECTION FROM REAR OF CAT CONDO. MECHANICAL CONTRACTOR SHALL COORDINATE THE ROUTING OF NEW CAT CONDO EXHAUST DUCTWORK TO EXHAUST MAIN AND ASSOCIATED CONTINUOUS RUN EXHAUST FAN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
10. ELECTRIC HEATER (EUH-1) TO SUSPENDED FROM STRUCTURE. COORDINATE EXACT LOCATION WITH ARCHITECT AND ALL OTHER TRADES THIS AREA. INSTALL PER MANUFACTURER'S RECOMMENDATION.



1 MAIN LEVEL
FLOOR PLAN – MECHANICAL – EAST
SCALE: 1/4" = 1'-0"

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LICENSED PROFESSIONAL ENGINEER
07/09/25

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

MAIN LEVEL
FLOOR PLAN - MECHANICAL - EAST

REV.#	DATE	COMMENTS
1	09/09/2024	ADDENDUM 1
2	06/04/2025	FIELD COORDINATION
3	07/08/2025	ASI #2
REVISION:		
REVISION:		
REVISION:		
REVISION:		

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS
PROJECT NO.: 23077
DRAWN: DRH
DATE: 07/08/2024

M102

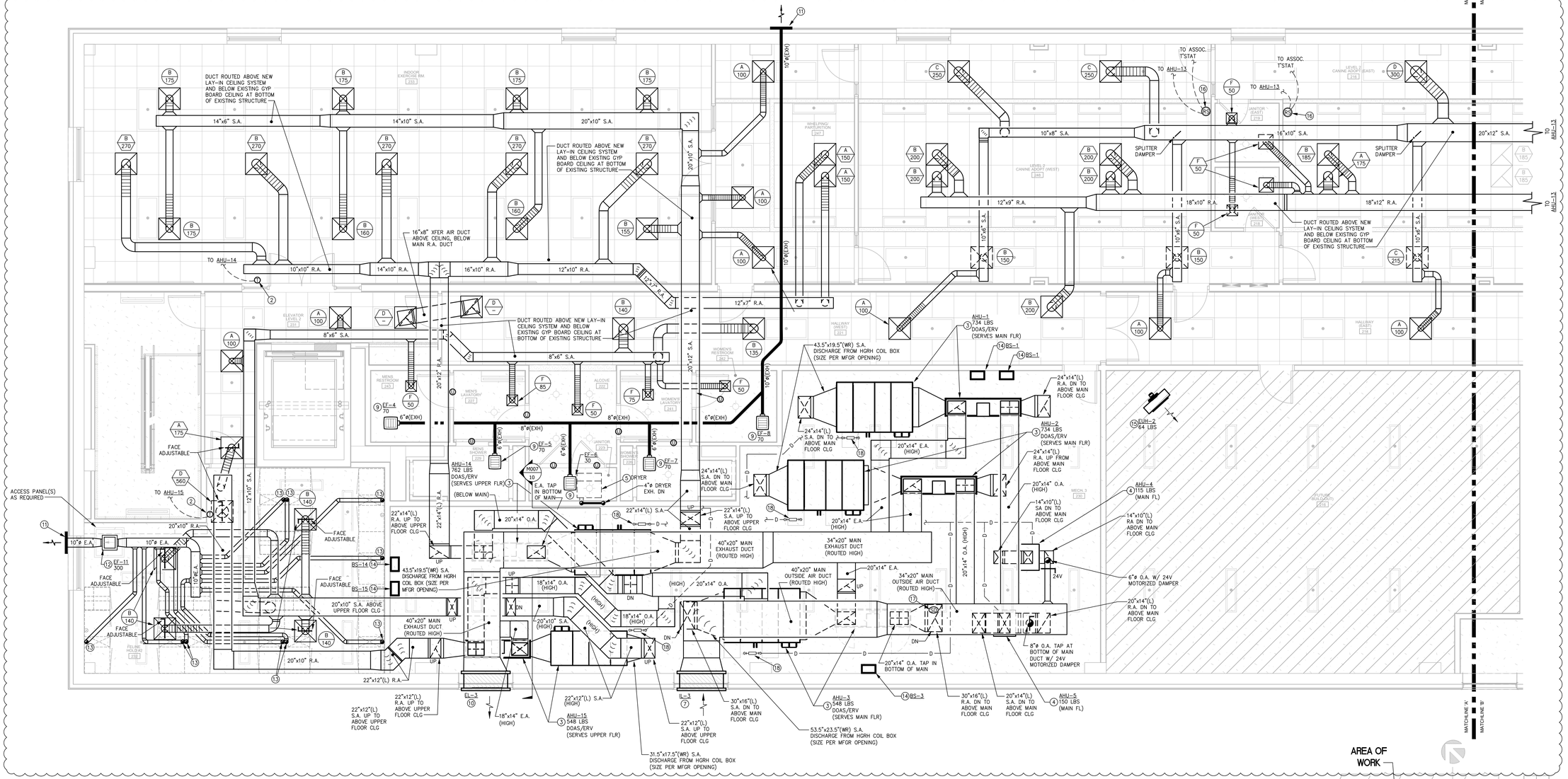
9 OF 16

RATED WALL LEGEND

INDICATES A 1-HOUR RATED WALL

NOTES THIS SHEET

1. SEE SHEETS M001-007 FOR SPECIFICATIONS, LEGENDS, GENERAL NOTES, SCHEDULES AND DETAILS.
2. COORDINATE THERMOSTAT/SWITCH LOCATION WITH OWNER PRIOR TO ROUGHING-IN.
3. APPROXIMATE LOCATION OF DOAS SPLIT SYSTEM AIR HANDLING UNIT (AHU-#). SYSTEM CONSISTS OF A HORIZONTAL COOLING/HORN COIL AND ASSOCIATED VERTICAL MOUNT ERV UNITS. UNITS ARE TO BE INSTALLED ON PREFABRICATED MANUFACTURER SUPPORT RAIL/PAD WITH VIBRATION ISOLATORS ON ATTIC FLOOR, MAKE DEAD LEVEL. PROVIDE UNIT WITH FULL SIZE DRAIN PAN AND HI-FLUID LEVEL SWITCH WIRED TO SHUT UNIT DOWN UPON ACTIVATION OF SWITCH. ROUTE CONDENSATE DRAIN LINE TO NEAREST FLOOR DRAIN (DRAIN BY OTHERS) AND SPILL WITH AIR GAP. FULLY COORDINATE EXACT LOCATION OF UNIT, CONDENSATE ROUTING, AND DUCT ALL DROP LOCATIONS WITH STRUCTURAL PRIOR TO BEGINNING ANY WORK. INSTALL PER ALL LOCAL CODE AND MANUFACTURER'S CLEARANCES AND RECOMMENDATIONS.
4. APPROXIMATE LOCATION OF VERTICAL, CONVENTIONAL SPLIT SYSTEM AIR HANDLING UNIT (AHU-#) TO BE INSTALLED ON PREFABRICATED MANUFACTURER SUPPORT RAILS ON ATTIC FLOOR, MAKE DEAD LEVEL. PROVIDE UNIT WITH FULL SIZE DRAIN PAN AND HI-FLUID LEVEL SWITCH WIRED TO SHUT UNIT DOWN UPON ACTIVATION OF SWITCH. ROUTE CONDENSATE DRAIN LINE TO NEAREST FLOOR/HUB DRAIN (DRAIN BY OTHERS) AND SPILL WITH AIR GAP. FULLY COORDINATE EXACT LOCATION OF UNIT AND DUCT DROP LOCATIONS WITH STRUCTURAL PRIOR TO BEGINNING ANY WORK. INSTALL PER MANUFACTURER'S RECOMMENDATION AND CLEARANCES.
5. DRYER BY OTHERS. COORDINATE ALL MECHANICAL REQUIREMENTS VIA OWNER PROVIDED DRYER MANUFACTURER LITERATURE.
6. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL 4"/6"/8"ø RIGID DRYER DUCT (FIELD VERIFY WHICH EXACT SIZE EXHAUST DUCT TO INSTALL, VIA OWNER PROVIDED DRYER MANUFACTURER LITERATURE) PRIOR TO ROUGHING-IN. ROUTE RIGID CODE APPROVED DRYER DUCT TO EXTERIOR AS REQUIRED AND PROVIDE WITH CODE APPROVED DISCHARGE LOUVER, LINT TRAP, AND BACKDRAFT DAMPER.
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7. APPROXIMATE LOCATION OF OUTSIDE AIR INTAKE LOUVER (IL-#). COORDINATE WITH STRUCTURAL PRIOR TO ROUGHING-IN. COORDINATE EXACT LOCATION AND ELEVATION OF LOUVER WITH ARCHITECT PRIOR TO ROUGHING-IN. COORDINATE GRILLE FINISH AND COLOR WITH ARCHITECT PRIOR TO PURCHASE.
8. MECHANICAL CONTRACTOR SHALL FIELD FABRICATE O.A. PLENUM BOX TO CONNECT INTAKE LOUVER TO MAIN O.A. DUCT AS INDICATED. FIELD VERIFY ALL WORK INVOLVED.
9. CEILING MOUNTED EXHAUST FAN (EF-#). FILED VERIFY BEST LOCATION OF FAN PRIOR TO ROUGHING-IN. INSTALL PER MANUFACTURER'S RECOMMENDATION AND CLEARANCES.
10. APPROXIMATE LOCATION OF DOAS EXHAUST AIR DISCHARGE LOUVER (EL-#). COORDINATE WITH STRUCTURAL PRIOR TO ROUGHING-IN. COORDINATE EXACT LOCATION AND ELEVATION OF LOUVER WITH ARCHITECT PRIOR TO ROUGHING-IN. COORDINATE GRILLE FINISH AND COLOR WITH ARCHITECT PRIOR TO PURCHASE.
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13. 4"ø EXHAUST CONNECTION FROM REAR OF CAT CONDO. MECHANICAL CONTRACTOR SHALL COORDINATE THE ROUTING OF NEW CAT CONDO EXHAUST DUCTWORK TO 10"ø MAIN AND ASSOCIATED CONTINUOUS RUN EXHAUST FAN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
14. APPROXIMATE LOCATION OF VARIABLE REFRIGERANT VOLUME BRANCH SELECTOR (BS-#) TO BE SUSPENDED BELOW CEILING. INSTALL PER MANUFACTURER GUIDELINES AND RECOMMENDATIONS. ADHERE TO ALL REQUIRED CLEARANCES. COORDINATE WITH ALL TRADES PRIOR TO ROUGHING-IN.
15. ELECTRIC UNIT HEATER (EUH-1) TO SUSPENDED FROM STRUCTURE. COORDINATE EXACT LOCATION WITH ARCHITECT AND ALL OTHER TRADES THIS AREA. INSTALL PER MANUFACTURER'S RECOMMENDATION. 1
16. APPROXIMATE LOCATION OF REMOTE WALL MOUNTED TEMPERATURE SENSOR TO BE INTERLOCKED WITH ASSOCIATED SPLIT SYSTEM AND THERMOSTAT.
17. DUCT-MOUNTED SMOKE DETECTOR WIRE TO SHUT UNIT DOWN UPON DETECTION OF SMOKE. SMOKE DETECTOR SHALL BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, AND SHALL BE WIRED BY ELECTRICAL CONTRACTOR. PROVIDE WITH REMOTE ANNUNCIATING DEVICE WITH KEYED OVERRIDE. REMOTE ANNUNCIATING DEVICE SHALL BE LOCATED WITHIN A ROUTINELY OCCUPIED AREA.
18. REMOTE CONDENSATE PUMP TO BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, POWERED BY ELECTRICAL CONTRACTOR. SPILL TO NEAREST FLOOR DRAIN. SEE PLUMBING PLANS FOR EXACT LOCATION OF FLOOR DRAIN(S).



1 UPPER LEVEL FLOOR PLAN – MECHANICAL – WEST

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

AREA OF WORK

KEYPLAN

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STATE OF NEW YORK
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071324

07/09/25

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

UPPER LEVEL FLOOR PLAN - MECHANICAL - WEST

REV.#	DATE	COMMENTS
1	07/09/2025	ASI #2
REVISION:		
REVISION:		
REVISION:		
REVISION:		

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS

PROJECT NO.: 23077
DRAWN: DRH
DATE: 07/08/2024

M103

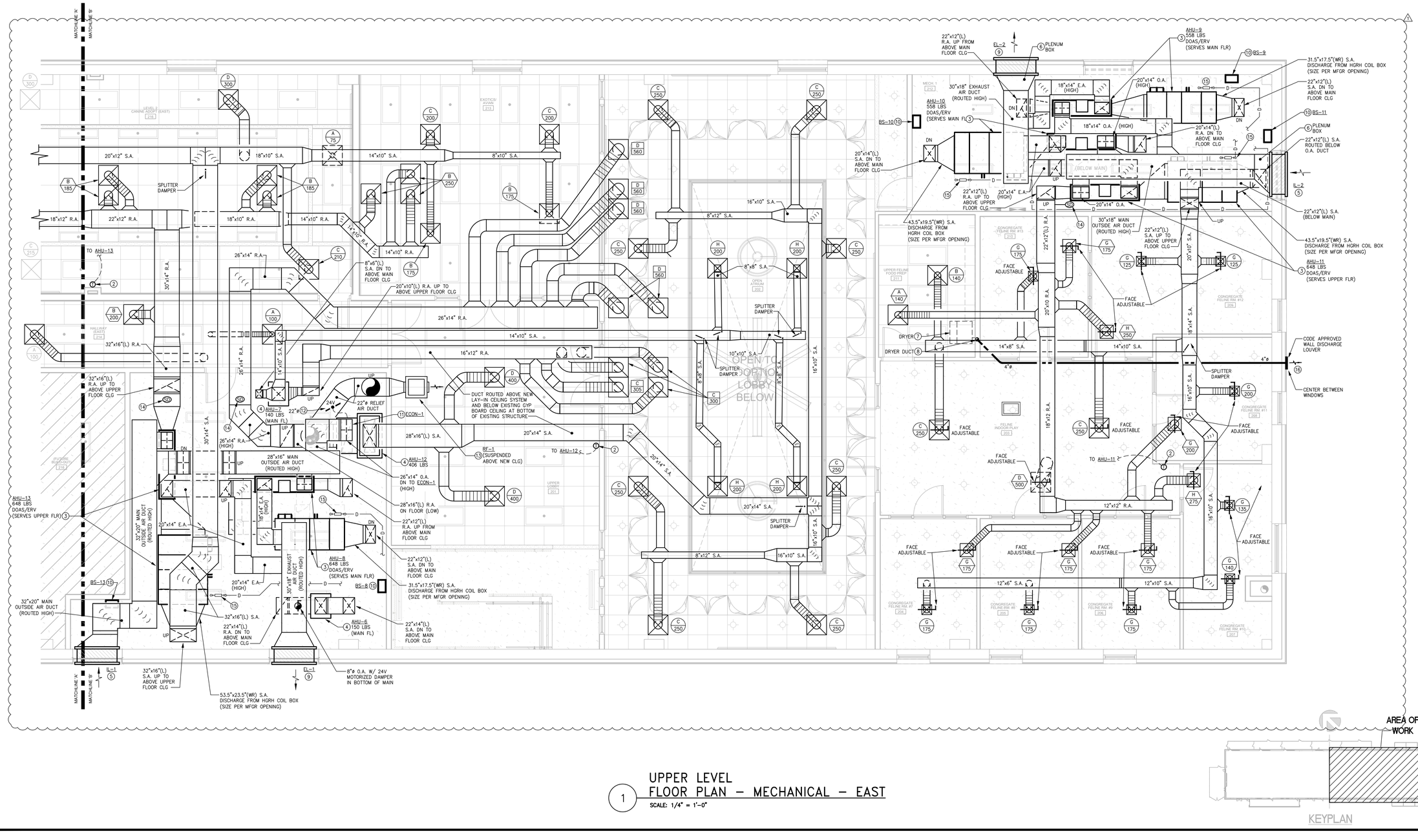
10 OF 16

RATED WALL LEGEND

—·—·— INDICATES A 1-HOUR RATED WALL

NOTES THIS SHEET

1. SEE SHEETS M001-007 FOR SPECIFICATIONS, LEGENDS, GENERAL NOTES, SCHEDULES AND DETAILS.
2. COORDINATE THERMOSTAT/SWITCH LOCATION WITH OWNER PRIOR TO ROUGHING-IN.
3. APPROXIMATE LOCATION OF DOAS SPLIT SYSTEM AIR HANDLING UNIT (AHU-#). SYSTEM CONSISTS OF A HORIZONTAL COOLING/HGRH COIL AND ASSOCIATED VERTICAL MOUNT ERV UNITS. UNITS ARE TO BE INSTALLED ON PREFABRICATED MANUFACTURER SUPPORT RAIL/PAD WITH VIBRATION ISOLATORS ON ATTIC FLOOR, MAKE DEAD LEVEL. PROVIDE UNIT WITH FULL SIZE DRAIN PAN AND HI-FLUID LEVEL SWITCH WIRED TO SHUT UNIT DOWN UPON ACTIVATION OF SWITCH. ROUTE CONDENSATE DRAIN LINE TO NEAREST FLOOR DRAIN (DRAIN BY OTHERS) AND SPILL WITH AIR GAP. FULLY COORDINATE EXACT LOCATION OF UNIT, CONDENSATE ROUTING, AND DUCT ALL DROP LOCATIONS WITH STRUCTURAL PRIOR TO BEGINNING ANY WORK. INSTALL PER ALL LOCAL CODE AND MANUFACTURER'S CLEARANCES AND RECOMMENDATIONS.
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7. DRYER BY OTHERS. COORDINATE ALL MECHANICAL REQUIREMENTS VIA OWNER PROVIDED DRYER MANUFACTURER LITERATURE.
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   - WHERE THE EXHAUST DUCT EQUIVALENT LENGTH EXCEEDS 35' (10 688 mm), THE EQUIVALENT LENGTH OF THE EXHAUST DUCT SHALL BE IDENTIFIED ON A PERMANENT LABEL OR TAG. THE LABEL OR TAG SHALL BE LOCATED WITHIN 6 FEET (1829 mm) OF THE EXHAUST TERMINATION, AS PER SECTION 504.8.5 OF THE 2020 MECHANICAL CODE OF NEW YORK STATE.
9. APPROXIMATE LOCATION OF DOAS EXHAUST AIR DISCHARGE LOUVER (EL-#). COORDINATE WITH STRUCTURAL PRIOR TO ROUGHING-IN. COORDINATE EXACT LOCATION AND ELEVATION OF LOUVER WITH ARCHITECT PRIOR TO ROUGHING-IN. COORDINATE GRILLE FINISH AND COLOR WITH ARCHITECT PRIOR TO PURCHASE.
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11. ECON-1: MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL DIFFERENTIAL ENTHALPY ECONOMIZER (MIXING BOX) AT AIR HANDLER R.A. INLET. ECONOMIZER (MIXING BOX) SHALL BE EQUAL TO MICROMETL #MB-RU1CA-D200B (1,800 – 5,000 CFM CAPACITY). ECONOMIZER O.A., R.A., AND REMOTE E.A. DAMPERS SHALL BE INTERLOCKED WITH ECONOMIZER AND AIR HANDLER CONTROLS. SEE AIR HANDLER SCHEDULE ON SHEET M003 AND VERTICAL AHU DETAIL ON SHEET M004 FOR ADDITIONAL INFORMATION.
12. RELIEF AIR DUCT (SIZED AS INDICATED) WITH 24V MOTORIZED RELIEF DUCT DAMPER INSTALLED ON R.A. DUCT ABOVE CEILING. INTERLOCK RELIEF DAMPER WITH IN-LINE RELIEF FAN AND AIR HANDLER ECONOMIZER CONTROLS TO OPEN WHEN UNIT IS IN ECONOMIZER MODE. DAMPER SHALL BE NORMALLY SHUT, SPRING CLOSED, 24V POWER OPENED. LOW VOLTAGE POWER TO BE PROVIDED BY MECHANICAL CONTRACTOR FROM CORRESPONDING GAS FURNACE. SEE GAS FURNACE DETAILS SHEET M007 FOR ADDITIONAL INFORMATION. RELIEF SHALL BE DISCHARGED TO ATTIC SPACE.
13. RELIEF AIR FAN (RF-1) INSTALLED ON OUTLET OF RELIEF AIR DUCT. INTERLOCK FAN WITH RELIEF DUCT DAMPER AND AIR HANDLER ECONOMIZER CONTROLS TO ENERGIZE FAN WHEN UNIT IS IN ECONOMIZER MODE. CONTRACTOR SHALL INSTALL CONSTANT PRESSURE ROOM CONTROL PROBE, BY FAN MANUFACTURER, IN CORRESPONDING SYSTEM BREATHING ZONE AND INTERLOCK WITH RELIEF AIR FAN TO MODULATE RELIEF AIR FAN FLOW RATE BASED ON ZONE PRESSURE TO MAINTAIN BUILDING NEUTRAL PRESSURIZATION DURING ECONOMIZER MODE. RELIEF AIR SHALL BE DISCHARGED TO PLENUM SPACE ABOVE NEW LAY-IN CEILING AND EXISTING GYP BOARD CEILING.
14. DUCT-MOUNTED SMOKE DETECTOR WIRE TO SHUT UNIT DOWN UPON DETECTION OF SMOKE. SMOKE DETECTOR SHALL BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, AND SHALL BE WIRED BY ELECTRICAL CONTRACTOR. PROVIDE WITH REMOTE ANNUNCIATING DEVICE WITH KEYED OVERRIDE. REMOTE ANNUNCIATING DEVICE SHALL BE LOCATED WITHIN A ROUTINELY OCCUPIED AREA.
15. REMOTE CONDENSATE PUMP TO BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, POWERED BY ELECTRICAL CONTRACTOR. SPILL TO NEAREST FLOOR DRAIN. SEE PLUMBING PLANS FOR EXACT LOCATION OF FLOOR DRAIN(S).
16. APPROXIMATE LOCATION OF SIDEWALL EXHAUST DISCHARGE. PROVIDE WITH CODE APPROVED DISCHARGE LOUVER WITH GRAVITY BACKDRAFT DAMPER. COORDINATE LOUVER FINISH AND FINAL LOCATION WITH ARCHITECT.



1 UPPER LEVEL
FLOOR PLAN – MECHANICAL – EAST
SCALE: 1/4" = 1'-0"

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STATE OF NEW YORK
M. MICHAEL SCHON
LICENSED PROFESSIONAL ENGINEER
071324
07/09/25

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

FLOOR PLAN - MECHANICAL - EAST

REV.#	DATE	COMMENTS
1	07/09/2025	ASI #2

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REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

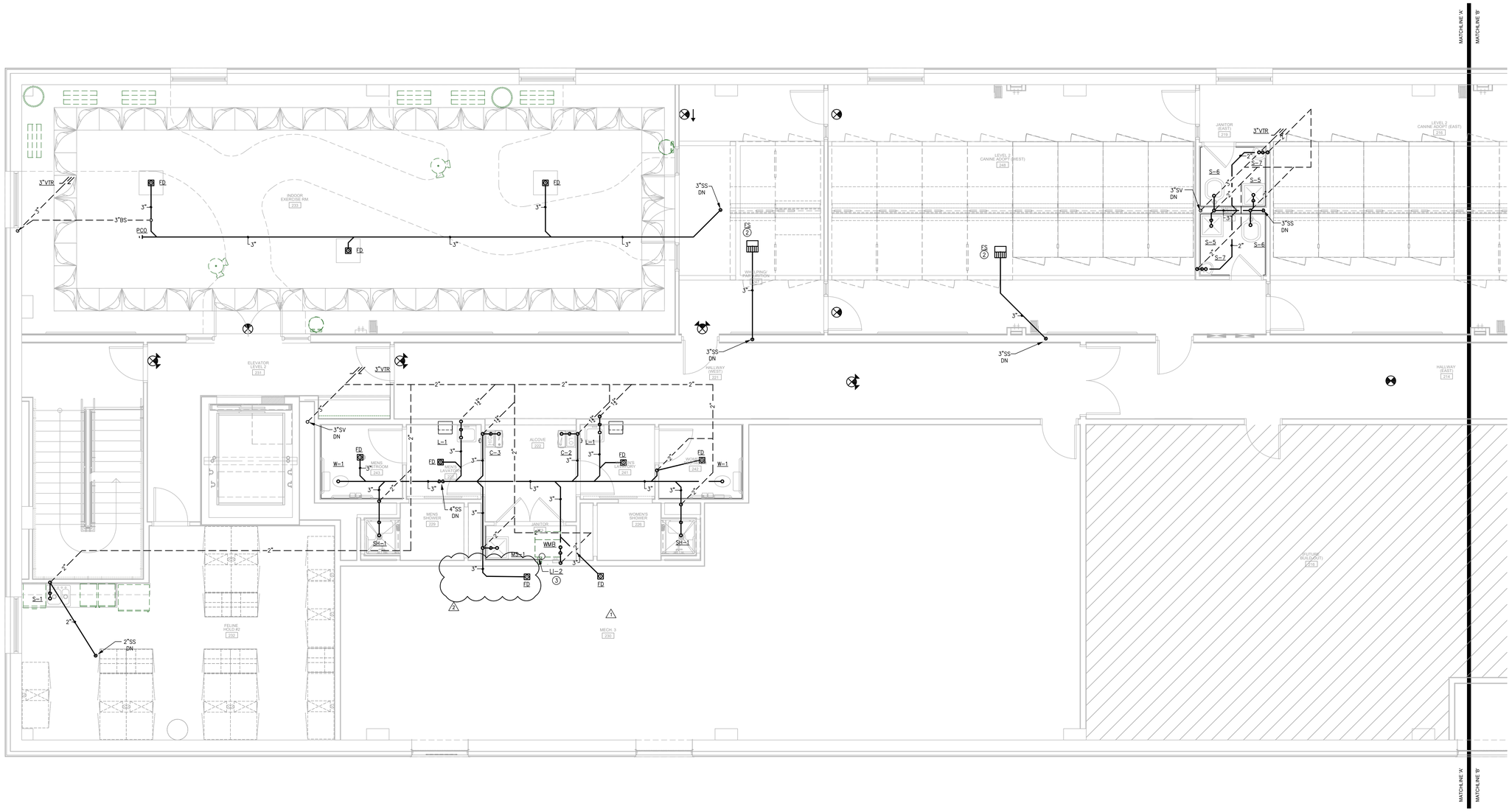
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PROJECT NO.: 23077
DRAWN: DRH
DATE: 07/08/2024

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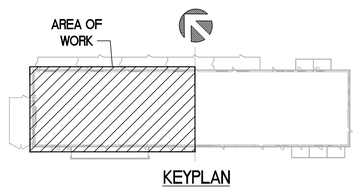
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NOTES THIS SHEET

1. SEE SHEETS P001–002 FOR SCHEDULES, DETAILS AND SPECIFICATIONS.
2. PLUMBING CONTRACTOR SHALL TIE THE DOG PEN DRAINS TOGETHER AND ROUTE ABOVE SLAB TO FLOOR SINKS. TERMINATE AT SINK WITH CODE APPROVED AIR GAP.
3. PLUMBING CONTRACTOR SHALL MOUNT REMOTE LINT TRAP BESIDE WASHER PER MANUFACTURERS REQUIREMENTS. PIPE DISCHARGE TO WASHER BOX. FIELD VERIFY EXACT LOCATION.



1 UPPER LEVEL
FLOOR PLAN – WASTE – WEST
SCALE: 1/4" = 1'-0"



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R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

UPPER LEVEL
FLOOR PLAN - WASTE - WEST

REV.#	DATE	COMMENTS
1	09/09/2024	ADDENDUM 1
2	07/09/2025	ASI #2
REVISION:		
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REVIEWS	
INITIALS	
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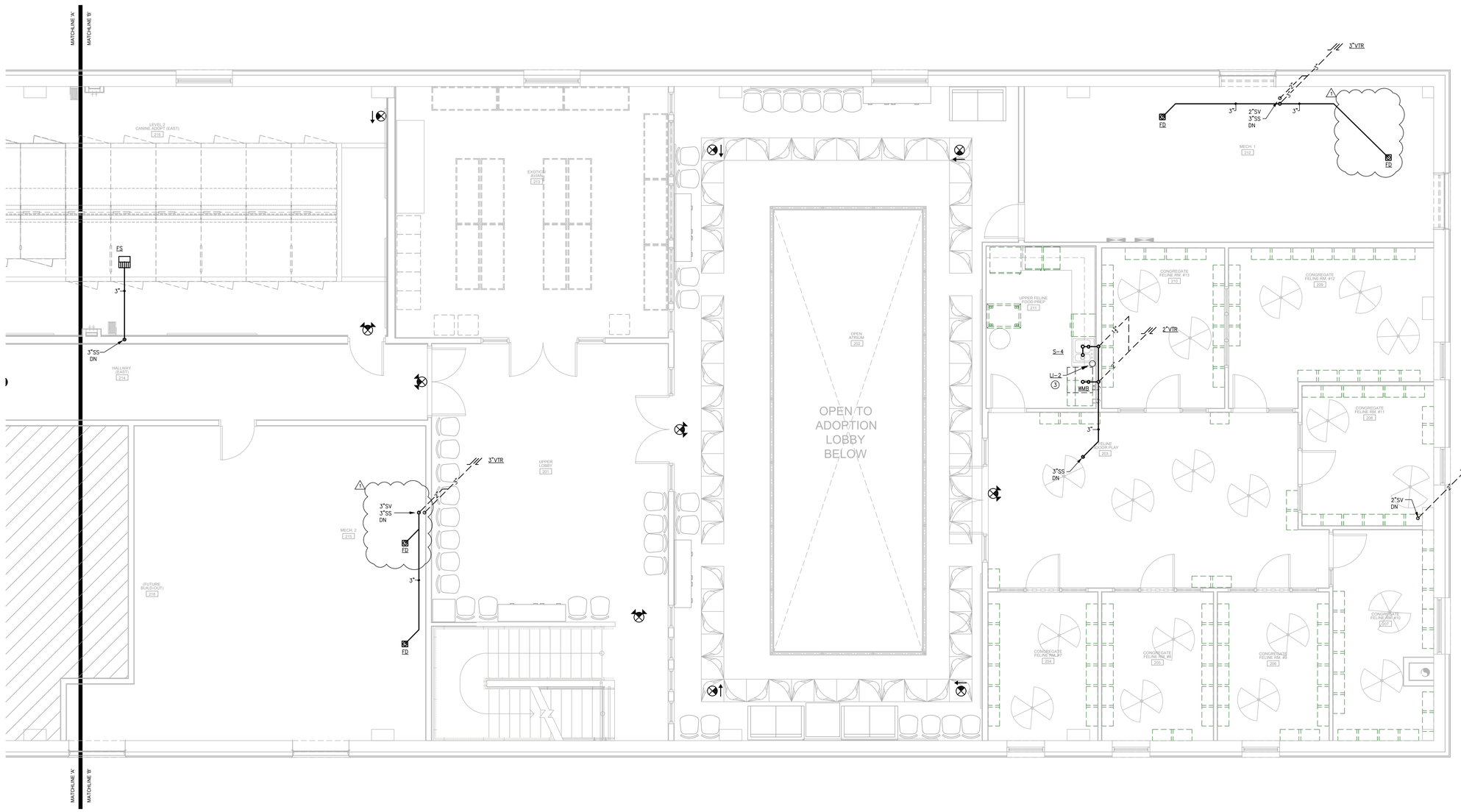
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DRAWN: WRB
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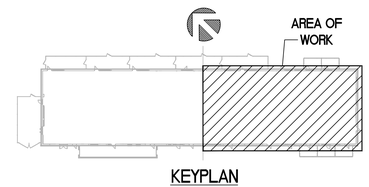
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NOTES THIS SHEET

1. SEE SHEETS P001–002 FOR SCHEDULES, DETAILS AND SPECIFICATIONS.
2. PLUMBING CONTRACTOR SHALL TIE NEW SANITARY SEWER MAIN INTO CIVIL PROVIDED TAP. FIELD VERIFY EXACT LOCATION, INVERT ELEVATION AND FLOW DIRECTION. SEE CIVIL PLANS FOR CONTINUATION.
3. PLUMBING CONTRACTOR SHALL MOUNT REMOTE LINT TRAP BESIDE WASHER PER MANUFACTURERS REQUIREMENTS. PIPE DISCHARGE TO WASHER BOX. FIELD VERIFY EXACT LOCATION.



1 UPPER LEVEL
FLOOR PLAN – WASTE – EAST
SCALE: 1/4" = 1'-0"



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427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

UPPER LEVEL FLOOR PLAN - WASTE - EAST

REV.#	DATE	COMMENTS
1	07/09/2025	ASI #2
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REVIEWS	
INITIALS	
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VARIABLE AIR-COOLED CONDENSING UNIT SCHEDULE

TAG	ELECTRICAL DATA				DISCONNECT	HOMERUN BRANCH CIRCUIT
	MCA	MOCP	RLA	VOLTAGE		
CU-1 (AHU 1-2-3)	120.2	125	91.6	208V-3ø	3P/200A/208V/3R-FPN	1½"C., 3#1 & 1#6 GND.
CU-2 (AHU 8-9-10)	76.2	80	46.6	208V-3ø	3P/100A/208V/3R-FPN	1½"C., 3#1 & 1#8 GND.
CU-3 (AHU 11-13)	101.3	110	70.8	208V-3ø	3P/200A/208V/3R-FPN	1½"C., 3#1 & 1#6 GND.
CU-4 (AHU 14-15)	58.3	70	42.6	208V-3ø	3P/100A/208V/3R-FPN	1¼"C., 3#4 & 1#8 GND.

NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, REDUCERS, CONTROL CIRCUITS, DUCT TYPE SMOKE DETECTORS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE MECHANICAL EQUIPMENT.

FAN SCHEDULE

TAG	SYSTEM SERVED	FAN TYPE	ELECTRICAL DATA			DISCONNECT	HOMERUN BRANCH CIRCUIT
			H.P.	WATTS	VOLTAGE		
EF-1	141 MENS RR	CEILING EXHAUST	–	17.6	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-2	142 WOMENS RR	CEILING EXHAUST	–	17.6	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-3	162 PUBLIC RR	CEILING EXHAUST	–	17.6	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-4	243 MENS RR	CEILING EXHAUST	–	17.6	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-5	249 MENS SHOWER	CEILING EXHAUST	–	17.6	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-6	223 JANITOR	CEILING EXHAUST	–	16.4	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-7	226 WOMENS SHOWER	CEILING EXHAUST	–	17.6	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-8	242 WOMENS RR	CEILING EXHAUST	–	17.6	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-9	155 02 CLOSET	CEILING EXHAUST	–	17	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-10	173 JANITOR CLOSET	CEILING EXHAUST	–	17.6	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-11	232 FELINE HOLD 2	INLINE EXHAUST	1/30	–	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-12	116 FELINE CONDOS 1	INLINE EXHAUST	1/30	–	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-13	112 FELINE CONDOS 2	INLINE EXHAUST	1/30	–	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-14	143 JANITOR	CEILING EXHAUST	–	17.6	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-15	171 FELINE HOLD CONDOS	INLINE EXHAUST	1/30	–	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
EF-16	156/158 ISO AREAS	INLINE EXHAUST	1/30	–	115V-1ø	20A SPST SWITCH	¾"C., 2#12, 1#12 GND
RF-1	ECONOMIZER RELIEF FAN	IN-LINE EXHAUST	2	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12, 1#12 GND

NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, STARTERS, CONTROL CIRCUITS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE MECHANICAL EQUIPMENT.

VARIABLE AIR HANDLING UNIT SCHEDULE

AIR HANDLER	TAG	ELECTRICAL DATA			DISCONNECT	HOMERUN BRANCH CIRCUIT
		MCA	MOCP	VOLTAGE		
AHU-1	ERV SECTION	13.5	15	208V-3ø	3P/30A/208V/FPN	¾"C., 3#12 & 1#12 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
AHU-2	ERV SECTION	13.5	15	208V-3ø	3P/30A/208V/FPN	¾"C., 3#12 & 1#12 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
AHU-3	ERV SECTION	20.3	25	208V-3ø	3P/30A/208V/FPN	¾"C., 3#10 & 1#10 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
AHU-8	ERV SECTION	8.78	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
AHU-9	ERV SECTION	8.78	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
AHU-10	ERV SECTION	13.5	15	208V-3ø	3P/30A/208V/FPN	¾"C., 3#12 & 1#12 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
AHU-11	ERV SECTION	13.5	15	208V-3ø	3P/30A/208V/FPN	¾"C., 3#12 & 1#12 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
AHU-13	ERV SECTION	20.3	25	208V-3ø	3P/30A/208V/FPN	¾"C., 3#10 & 1#10 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
AHU-14	ERV SECTION	13.5	15	208V-3ø	3P/30A/208V/FPN	¾"C., 3#12 & 1#12 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
AHU-15	ERV SECTION	8.78	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.
	COOLING COIL SECT.	0.3	15	208V-1ø	2P/30A/208V/FPN	¾"C., 2#12 & 1#12 GND.

NOTES:
1. AHU UNIT CONSISTS OF TWO OR THREE SECTIONS: ERV SECTION AND COOLING COIL SECTION(S). EACH AHU UNIT SERVED VIA A COMMON CIRCUIT. FUSE DISCONNECT SWITCHES AT EACH SECTION PER EQUIPMENT NAMEPLATE.

2. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, REDUCERS, CONTROL CIRCUITS, DUCT TYPE SMOKE DETECTORS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE MECHANICAL EQUIPMENT.

STANDARD AIR HANDLING UNIT SCHEDULE

TAG	ELECTRICAL DATA				DISCONNECT	HOMERUN BRANCH CIRCUIT
	MCA	MOCP	KW	VOLTAGE		
AHU-4	27	30	5.0	208V-1ø	2P/30A/208V/NF	¾"C., 2#10 & 1#10 GND.
AHU-5	43	45	8.0	208V-1ø	2P/60A/208V/NF	1"C., 2#6 & 1#10 GND.
AHU-6	50	50	10.0	208V-1ø	2P/60A/208V/NF	1"C., 2#6 & 1#10 GND.
AHU-7	71.5	80	15.0	208V-1ø	2P/100A/208V/NF	1¼"C., 2#3 & 1#8 GND.
AHU-12	95.4	110	30.0	208V-3ø	3P/200A/208V/NF	1½"C., 3#1 & 1#6 GND.

NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, REDUCERS, CONTROL CIRCUITS, DUCT TYPE SMOKE DETECTORS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE MECHANICAL EQUIPMENT.

VARIABLE ZONE HEAT RECOVERY DEVICE SCHEDULE

TAG	ELECTRICAL DATA				DISCONNECT	HOMERUN BRANCH CIRCUIT
	MCA	MOCP	FLA	VOLTAGE		
BS-1	0.4	15	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
BS-2	0.4	15	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
BS-3	0.6	15	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
BS-8	0.4	15	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
BS-9	0.4	15	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
BS-10	0.4	15	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
BS-11	0.4	15	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
BS-13	0.6	15	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
BS-14	0.4	15	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
BS-15	0.4	15	–	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.

NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, REDUCERS, CONTROL CIRCUITS, DUCT TYPE SMOKE DETECTORS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE MECHANICAL EQUIPMENT.

STANDARD HEAT PUMP SCHEDULE

TAG	ELECTRICAL DATA				DISCONNECT	HOMERUN BRANCH CIRCUIT
	MCA	MOCP	FLA	VOLTAGE		
HP-4	14.6	15	–	208V-1ø	2P/30A/208V/3R/FPN	¾"C., 2#12 & 1#12 GND.
HP-5	34.4	35	–	208V-1ø	2P/60A/208V/3R/FPN	¾"C., 2#8 & 1#10 GND.
HP-6	34.4	35	–	208V-1ø	2P/60A/208V/3R/FPN	¾"C., 2#8 & 1#10 GND.
HP-7	23.9	25	–	208V-1ø	2P/30A/208V/3R/FPN	¾"C., 2#10 & 1#10 GND.
HP-12	40.6	60	–	208V-3ø	3P/60A/208V/3R/FPN	1¼"C., 3#4 & 1#10 GND.

NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, REDUCERS, CONTROL CIRCUITS, DUCT TYPE SMOKE DETECTORS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE MECHANICAL EQUIPMENT.

MINI SPLIT / HEAT PUMP SCHEDULE

TAG	AREA SERVED	ELECTRICAL DATA			DISCONNECT	HOMERUN BRANCH CIRCUIT
		MCA	MOCP	VOLTAGE		
DAH-1	154 DOUBLE SURGERY	1.0	15	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
DHP-1		10.0	15	208V-1ø	2P/30A/208V/3R-FPN	¾"C., 2#12 & 1#12 GND.

NOTE:
1. INDOOR UNIT DAH FED FROM OUTDOOR UNIT DHP.

2. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, REDUCERS, CONTROL CIRCUITS, DUCT TYPE SMOKE DETECTORS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE MECHANICAL EQUIPMENT.

ELECTRIC HEATER SCHEDULE

TAG	AREA SERVED	ELECTRICAL DATA			DISCONNECT	HOMERUN BRANCH CIRCUIT
		KW	AMPS	VOLTAGE		
EUH-1	RISER ROOM	5.0	24.4	208V-1ø	2P/60A/208V/NF	¾"C., 2#8 & 1#10 GND.
EWH-1,2	STAIRWELL	3.0	14.4	208V-1ø	2P/30A/208V/NF	¾"C., 2#12 & 1#12 GND.
EUH-2	FUT BUILD-OUT	15.0	42.9	208V-3ø	3P/60A/208V/NF	1¼"C., 3#4 & 1#10 GND.

NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, REDUCERS, CONTROL CIRCUITS, DUCT TYPE SMOKE DETECTORS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE MECHANICAL EQUIPMENT.

FAN FILTER UNIT SCHEDULE

TAG	AREA SERVED	ELECTRICAL DATA				DISCONNECT	HOMERUN BRANCH CIRCUIT
		FLA	V	PH	HZ		
FFU-1	SURGERY	1.5	208	1	60	20A DPST SWITCH	¾"C., 2#12, 1#12 GND

NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PLUMBING CONTRACTOR FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, REDUCERS, CONTROL CIRCUITS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE PLUMBING EQUIPMENT.

WATER HEATER SCHEDULE

TAG	GALLONS	ELECTRICAL DATA				DISCONNECT	HOMERUN BRANCH CIRCUIT
		NO. ELEM	KW ELEM	KW TOTAL	VOLTAGE		
WH-1A	120	3	6.0	18.0	208V-3ø	3P/100A/208V/NF	1¼"C, 3#4, 1#8 GND
WH-1B	120	3	6.0	18.0	208V-3ø	3P/100A/208V/NF	1¼"C, 3#4, 1#8 GND

NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PLUMBING CONTRACTORS FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, REDUCERS, CONTROL CIRCUITS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE PLUMBING EQUIPMENT.

PUMP SCHEDULE

TAG	TYPE	ELECTRICAL DATA				DISCONNECT	HOMERUN BRANCH CIRCUIT
		HP	V	PH	HZ		
RCP-1	IN-LINE	1/6	120	1	60	20A SPST SWITCH	¾"C, 2#12, 1#12 GND
SP-1	SUMP	1/2	120	1	60	20A SPST SWITCH	¾"C, 2#12, 1#12 GND

NOTE:
ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PLUMBING CONTRACTORS FOR EXACT EQUIPMENT BEING FURNISHED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL DISCONNECTS, FUSES, REDUCERS, CONTROL CIRCUITS AND CONNECTIONS REQUIRED FOR THE INSTALLATION OF THE PLUMBING EQUIPMENT.

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WILLIAM LEE TEETER
071959
LICENSED PROFESSIONAL ENGINEER

10/01/2025

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

ELECTRICAL SCHEDULES - HVAC & PLUMBING EQUIPMENT

REV #	DATE	COMMENTS
1	09/09/2024	ADDENDUM 1
2	07/09/2025	ASI #2
3	10/01/2025	ASI #2 COORDINATION

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

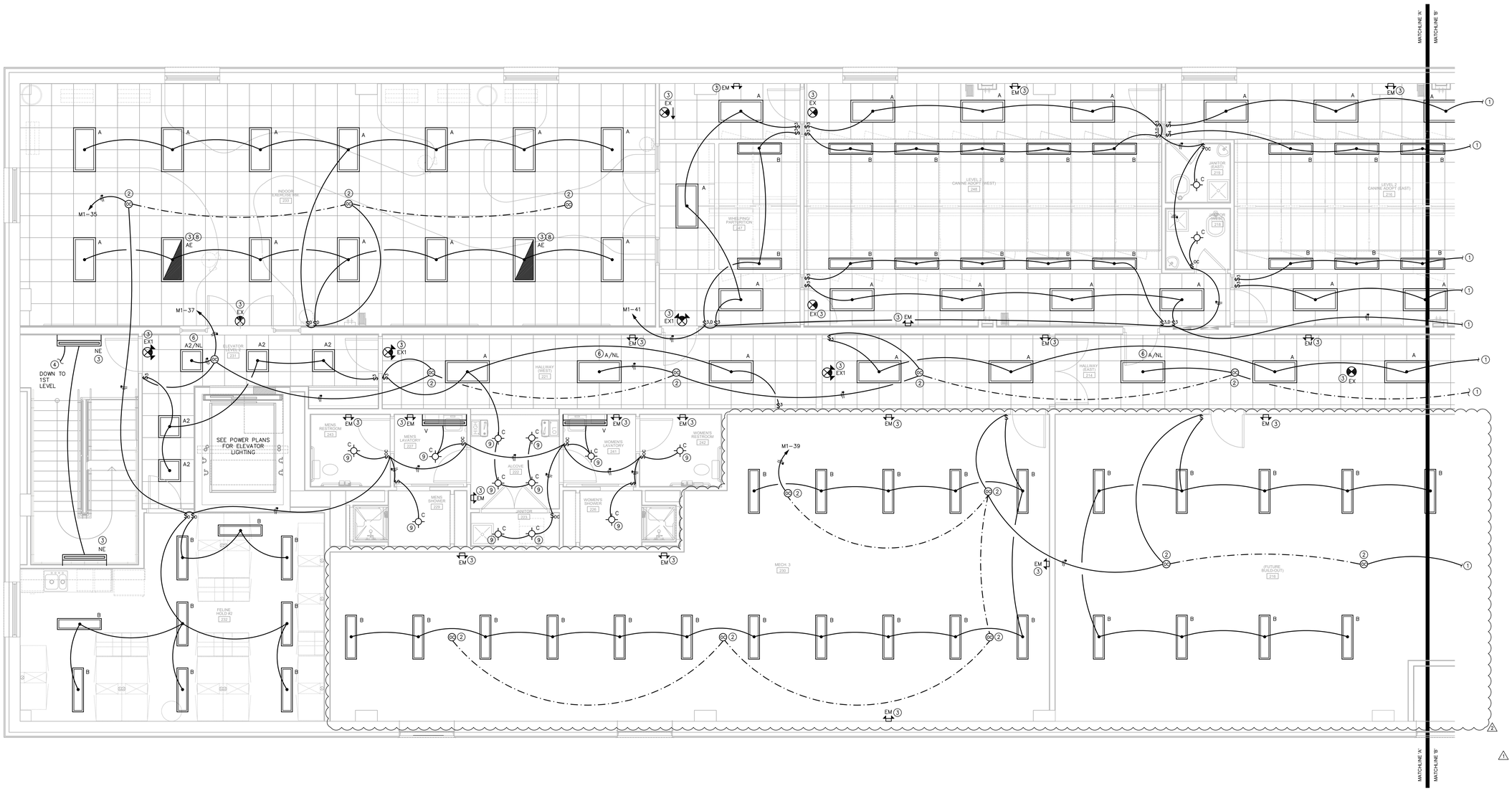
RGAS

PROJECT NO.: 23077
DRAWN: ZLT
DATE: 07/08/2024

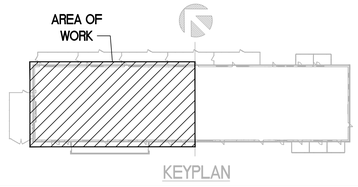
E003

KEY NOTES

1. SEE DRAWING E104 FOR CONTINUATION.
2. CONNECT FIXTURES SUCH THAT ACTIVATION OF ANY OCCUPANCY SENSOR SHALL ENERGIZE ALL FIXTURES IN THIS SPACE. SEE DETAIL #1 SHEET E402.
3. NIGHT LIGHTS, EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES (DRIVERS) SHALL BE CONNECTED TO LOCAL AREA LIGHTING CIRCUIT UNSWITCHED, AHEAD OF AREA LIGHTING CONTROLS.
4. SEE LOWER LEVEL PLAN E101 FOR CONTINUATION.
5. NOT USED.
6. NIGHT LIGHT FIXTURE "ON" 24/7.
7. NOT USED.
8. SEE SWITCHED EMERGENCY LIGHTING DETAIL #11 ON SHEET E402 FOR ADDITIONAL INFORMATION.
9. PROVIDE A FLANGE KIT FOR FIXTURES MOUNTED IN HARD CEILING (TYPICAL).



1 UPPER LEVEL
FLOOR PLAN – LIGHTING – WEST
SCALE: 1/4" = 1'-0"



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R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

UPPER LEVEL FLOOR PLAN - LIGHTING - WEST

REV.#	DATE	COMMENTS
1	08/09/2024	ADDENDUM 1
2	07/09/2025	ASI #2
REVISION:		
REVISION:		
REVISION:		
REVISION:		

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

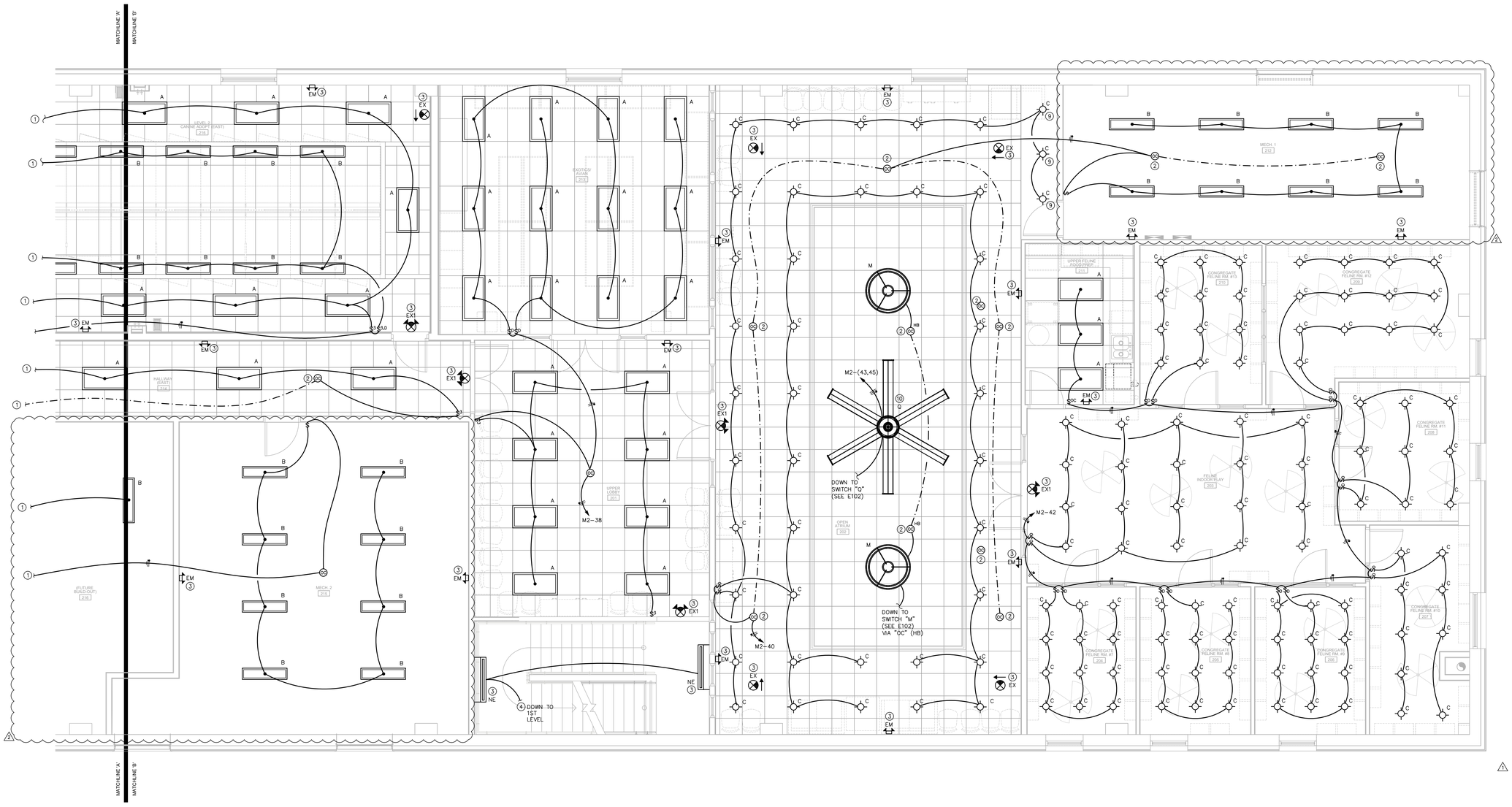
RGAS
PROJECT NO.: 23077
DRAWN: ZLT
DATE: 07/08/2024

E103

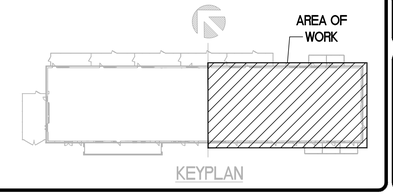
7 OF 19

KEY NOTES

1. SEE DRAWING E103 FOR CONTINUATION.
2. CONNECT FIXTURES SUCH THAT ACTIVATION OF ANY OCCUPANCY SENSOR SHALL ENERGIZE ALL FIXTURES IN THIS SPACE. SEE DETAIL #1 SHEET E402.
3. NIGHT LIGHTS, EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES (DRIVERS) SHALL BE CONNECTED TO LOCAL AREA LIGHTING CIRCUIT UNSWITCHED, AHEAD OF AREA LIGHTING CONTROLS.
4. SEE LOWER LEVEL PLAN E102 FOR CONTINUATION.
5. NOT USED.
6. NIGHT LIGHT FIXTURE "ON" 24/7.
7. NOT USED.
8. SEE SWITCHED EMERGENCY LIGHTING DETAIL #11 ON SHEET E402 FOR ADDITIONAL INFORMATION.
9. PROVIDE A FLANGE KIT FOR FIXTURES MOUNTED IN HARD CEILING (TYPICAL).
10. CEILING FAN (TYPE "Q") TO BE SELECTED BY ARCHITECT, PURCHASED AND INSTALLED BY CONTRACTOR. PROVIDE $1000 ALLOWANCE FOR THE FAN.



1 UPPER LEVEL FLOOR PLAN – LIGHTING – EAST
SCALE: 1/4" = 1'-0"



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427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

UPPER LEVEL FLOOR PLAN - LIGHTING - EAST

REV.#	DATE	COMMENTS
1	08/09/2024	ADDENDUM 1
2	07/09/2025	ASI #2

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS
PROJECT NO.: 23077
DRAWN: ZLT
DATE: 07/08/2024

E104

ELEVATOR NOTES

1. LOCATE ELEVATOR LIGHT SWITCH ADJACENT TO LADDER 60" ABOVE LANDING. SWITCH SHALL BE EASILY ACCESIBLE FROM ENTRANCE TO ELEVATOR PIT.
2. ELEVATOR PIT LIGHT. 120V VAPOR PROOF LIGHT FIXTURE WALL MOUNTED 18" AFF. ELEVATOR LIGHTS SHALL SHARE CIRCUIT WITH ELEVATOR PIT RECEPTACLES. PER **NEC 620-23(A)**, LIGHTS SHALL BE UPSTREAM OF GFCI DEVICES SUCH THAT **GFCI RECEPTACLE DEVICES SHALL NOT INTERRUPT POWER TO LIGHT FIXTURES.**

   LIGHT FIXTURE MODEL #: CREE #C-VT-A-SMWL OR APPROVED EQUAL.
3. ELEVATOR SUMP PUMP. SEE DRAWING E003 FOR DETAILS.
4. SEE ELEVATOR DETAILS #1 AND #2 ON E401 FOR ADDITIONAL INFORMATION AND SPECIFICATIONS.
5. LOCATION OF ELEVATOR CONTROL BOX, ELEVATOR INDICATOR, AND FIREFIGHTER OVERRIDE.

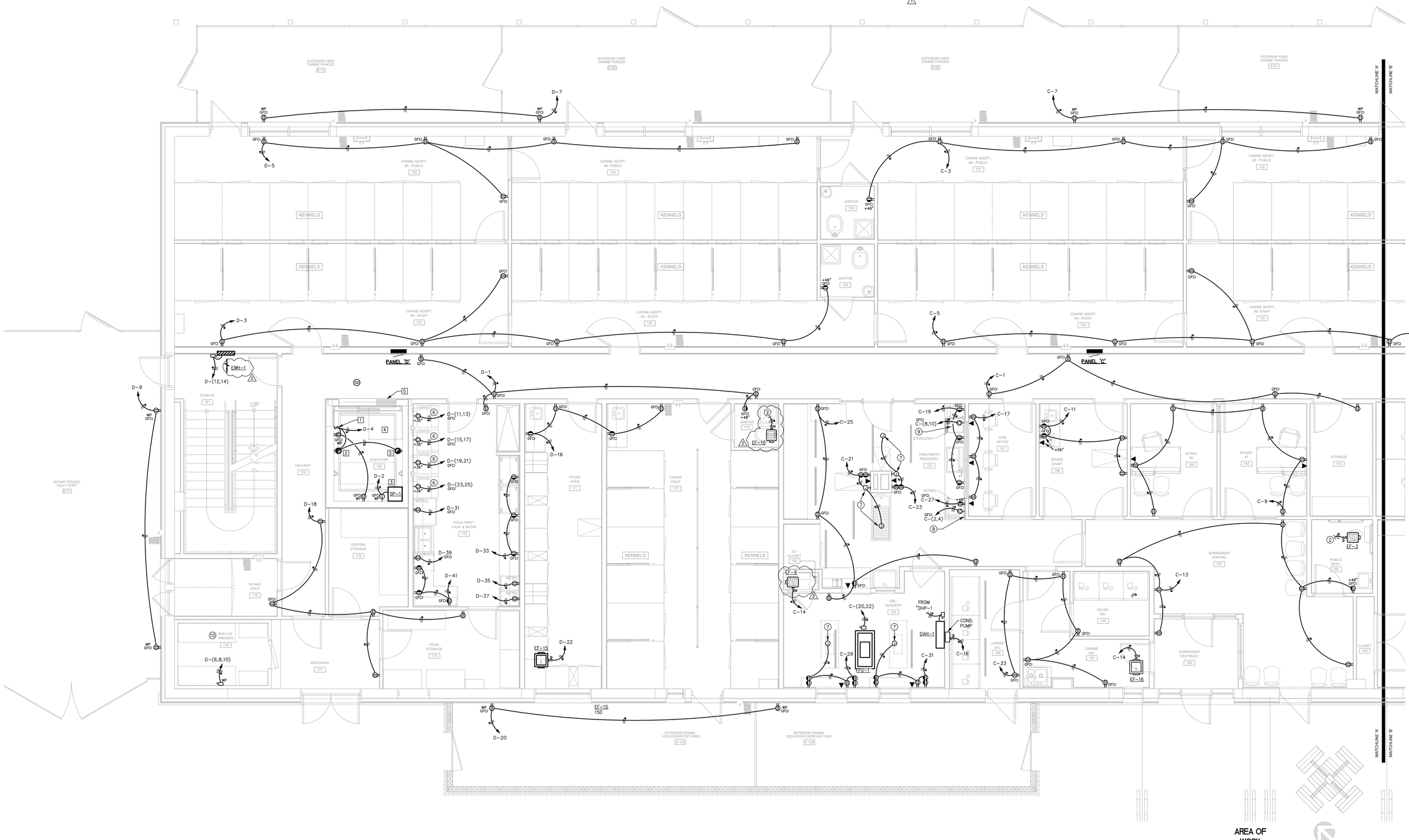
KEY NOTES

1. SEE DRAWING E202 FOR CONTINUATION.
2. POWER EXHAUST FAN VIA UN-SWITCHED LEG OF LOCAL 120V LIGHTING CIRCUIT. COORDINATE CONTROLS WITH MECHANICAL CONTRACTOR.
3. NOT USED.
4. NOT USED.
5. RECEPTACLE AND DATA PORT AT 72" HEIGHT FOR WALL MOUNTED MONITOR. VERIFY REQUIREMENTS AND MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN.
6. CONNECTION FOR DRYER. 208V, 1-PH, 0.42 KW MOTOR WITH 5.4 KW HEATING ELEMENT, 26 AMPS. VERIFY ELECTRICAL CONNECTION TYPE REQUIRED WITH EQUIPMENT DELIVERED PRIOR TO ROUGH-IN.
7. POWER J-BOX IN CEILING FOR EXAM/SURGERY LIGHT, 115V, 1PH, 16W/54W. ELECTRICAL CONTRACTOR TO INSTALL OWNER SUPPLIED LIGHT.
8. CONNECTION FOR AUTOCLAVE 208V, 1-PH. VERIFY REQUIRED ELECTRICAL CONNECTION TYPE WITH DELIVERED EQUIPMENT PRIOR TO ROUGH-IN.
9. CONNECTION FOR STERILIZER 208V, 1-PH. VERIFY REQUIRED ELECTRICAL CONNECTION TYPE WITH DELIVERED EQUIPMENT PRIOR TO ROUGH-IN.
10. VERIFY WALK-IN COOLER AND FREEZER ELECTRICAL REQUIREMENT IN THE FIELD. ADJUST ELECTRICAL CONNECTIONS PER MANUFACTURER'S DOCUMENTATION AS REQUIRED.

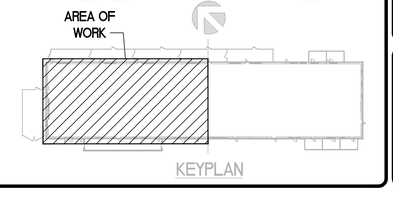
GENERAL NOTES

A. REFER TO DRAWING E001 & E002 FOR ELECTRICAL SPECIFICATIONS, SYMBOL LEGENDS, AND NOTES.

B. REFER TO DRAWING E003 FOR MECHANICAL AND PLUMBING EQUIPMENT SCHEDULES.



1 MAIN LEVEL
FLOOR PLAN – POWER – WEST
SCALE: 1/4" = 1'-0"



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07/09/25

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427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

MAIN LEVEL
FLOOR PLAN - POWER - WEST

REV.#	DATE:	COMMENTS
1	09/09/2024	ADDENDUM 1
2	07/09/2025	ASI #2

REVISION:	REVISION:	REVISION:	REVISION:

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS

PROJECT NO.: 23077
DRAWN: ZLT
DATE: 07/08/2024

E201

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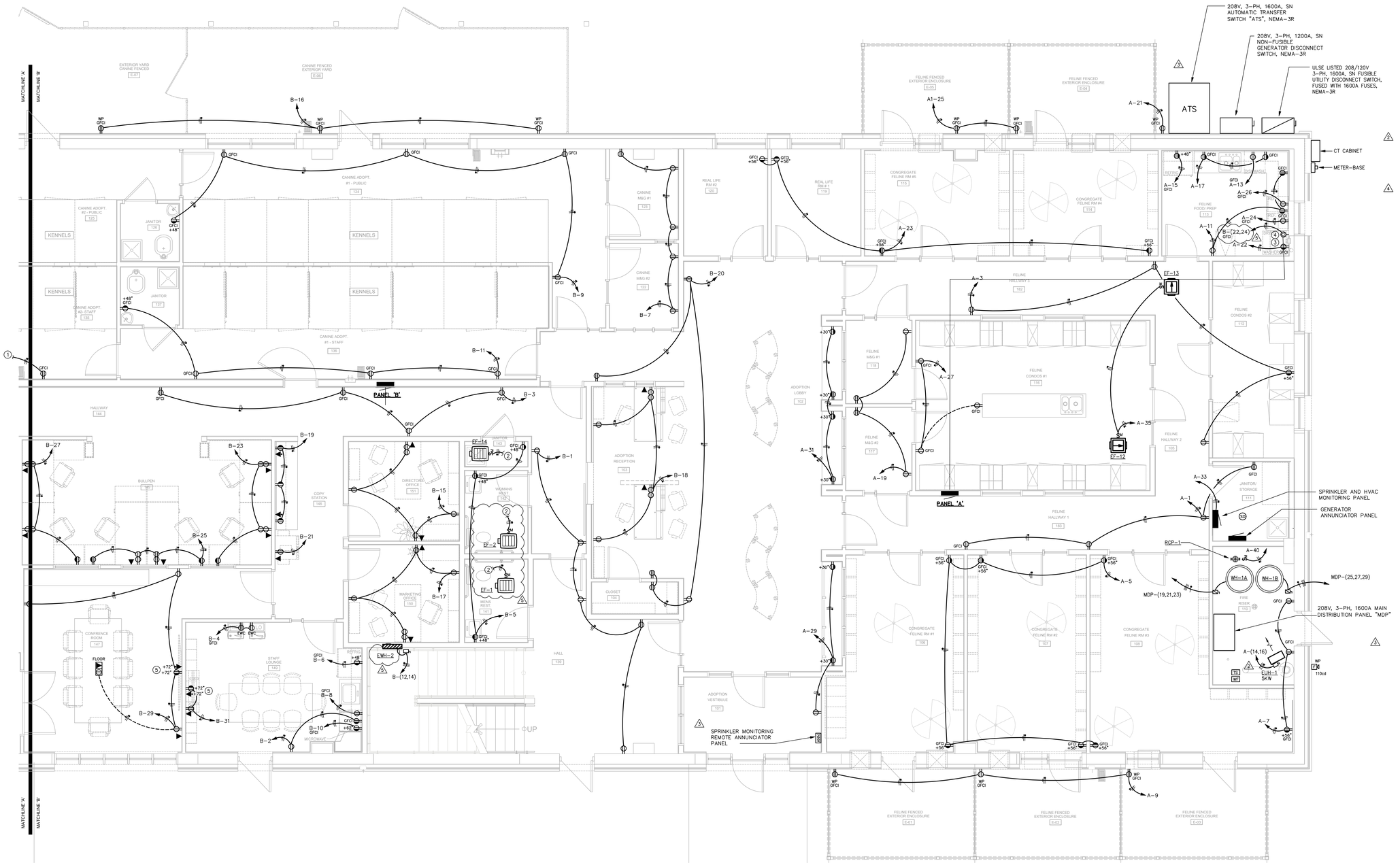
KEY NOTES

1. SEE DRAWING E201 FOR CONTINUATION.
2. POWER EXHAUST FAN VIA UN-SWITCHED LEG OF LOCAL 120V LIGHTING CIRCUIT. COORDINATE CONTROLS WITH MECHANICAL CONTRACTOR.
3. CONNECTION FOR STACKABLE WASHER 120V, 1-P, 15 AMPS. VERIFY ELECTRICAL CONNECTION TYPE WITH DELIVERED EQUIPMENT PRIOR TO ROUGH-IN. PROVIDE RESPECTIVE POWER CORD WITH PLUG AND CONNECT WASHER.
4. CONNECTION FOR STACKABLE ELECTRIC DRYER 208V, 1-P, 0.42 KW MOTOR WITH 5.4 KW HEATING ELEMENT, 26 AMPS. VERIFY ELECTRICAL CONNECTION TYPE WITH DELIVERED EQUIPMENT PRIOR TO ROUGH-IN. PROVIDE RESPECTIVE POWER CORD WITH PLUG AND CONNECT DRYER.
5. RECEPTACLE AND DATA PORT AT 72" HEIGHT FOR WALL MOUNTED MONITOR. VERIFY REQUIREMENTS AND MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN.

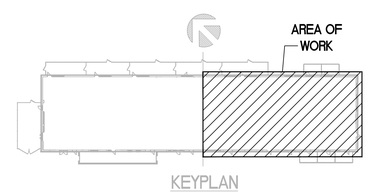
GENERAL NOTES

A. REFER TO DRAWING E001 & E002 FOR ELECTRICAL SPECIFICATIONS, SYMBOL LEGENDS, AND NOTES.

B. REFER TO DRAWING E003 FOR MECHANICAL AND PLUMBING EQUIPMENT SCHEDULES.



1 MAIN LEVEL
FLOOR PLAN - POWER - EAST
SCALE: 1/4" = 1'-0"



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427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

MAIN LEVEL FLOOR PLAN - POWER - EAST

REV #	DATE	COMMENTS
1	03/07/2025	RFI #9 MAIN SERVICE COORDINATION
2	06/04/2025	FIELD COORDINATION
3	06/27/2025	MAIN SERVICE COORDINATION
4	07/09/2025	ASI #2

REVISION:

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS

PROJECT NO.: 23077
DRAWN: ZLT
DATE: 07/08/2024

E202

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ELEVATOR NOTES

1. SEE ELEVATOR DETAILS #1 AND #2 ON E401 FOR ADDITIONAL INFORMATION AND SPECIFICATIONS.
2. ELEVATOR DISCONNECT BY ELEVATOR MANUFACTURER.

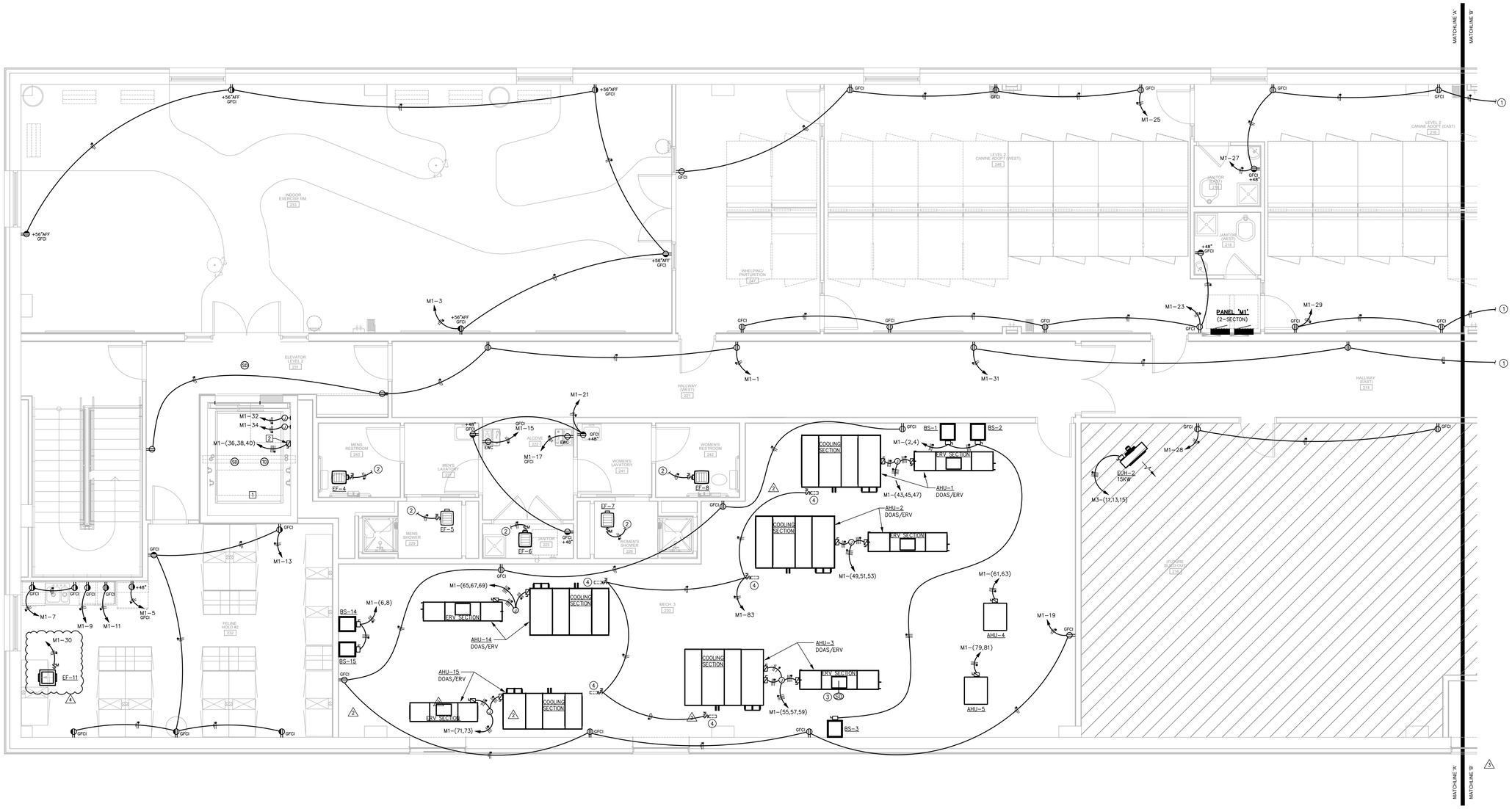
KEY NOTES

1. SEE DRAWING E202 FOR CONTINUATION.
2. POWER EXHAUST FAN VIA UN-SWITCHED LEG OF LOCAL 120V LIGHTING CIRCUIT. COORDINATE CONTROLS WITH MECHANICAL CONTRACTOR.
3. DUCT MOUNTED SMOKE DETECTOR(S) PROVIDED AND INSTALLED IN THE DUCT BY MECHANICAL CONTRACTOR. THE DUCT MOUNTED SMOKE DETECTOR(S) SHALL BE WIRED BY THE ELECTRICAL CONTRACTOR TO HVAC AND SPRINKLER MONITORING PANEL (PANEL PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR IN FIRE RISER ROOM 110). SEE E401 FOR RISER AMD NOTES. △3
4. PROVIDE ELECTRICAL CONNECTION FOR CONDENSATE PUMP DIVERSITECH CP-22, 120V, 1/30HP, 1.9A. PROVIDE 20A SPST SWITCH AT CONNECTION. △3

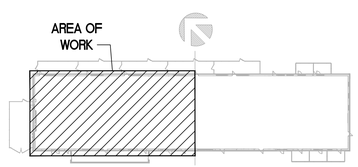
GENERAL NOTES

A. REFER TO DRAWING E001 & E002 FOR ELECTRICAL SPECIFICATIONS, SYMBOL LEGENDS, AND NOTES.

B. REFER TO DRAWING E003 FOR MECHANICAL AND PLUMBING EQUIPMENT SCHEDULES.



1 UPPER LEVEL
FLOOR PLAN - POWER - WEST
SCALE: 1/4" = 1'-0"



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427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

UPPER LEVEL
FLOOR PLAN - POWER - WEST

REV.#	DATE	COMMENTS
REVISION: △1	09/09/2024	ADDENDUM 1
REVISION: △2	06/04/2025	COORDINATION
REVISION: △3	07/09/2025	ASI #2
REVISION: △4	10/01/2025	ASI #2 COORDINATION

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS
PROJECT NO.: 23077
DRAWN: ZLT
DATE: 07/08/2024

E203

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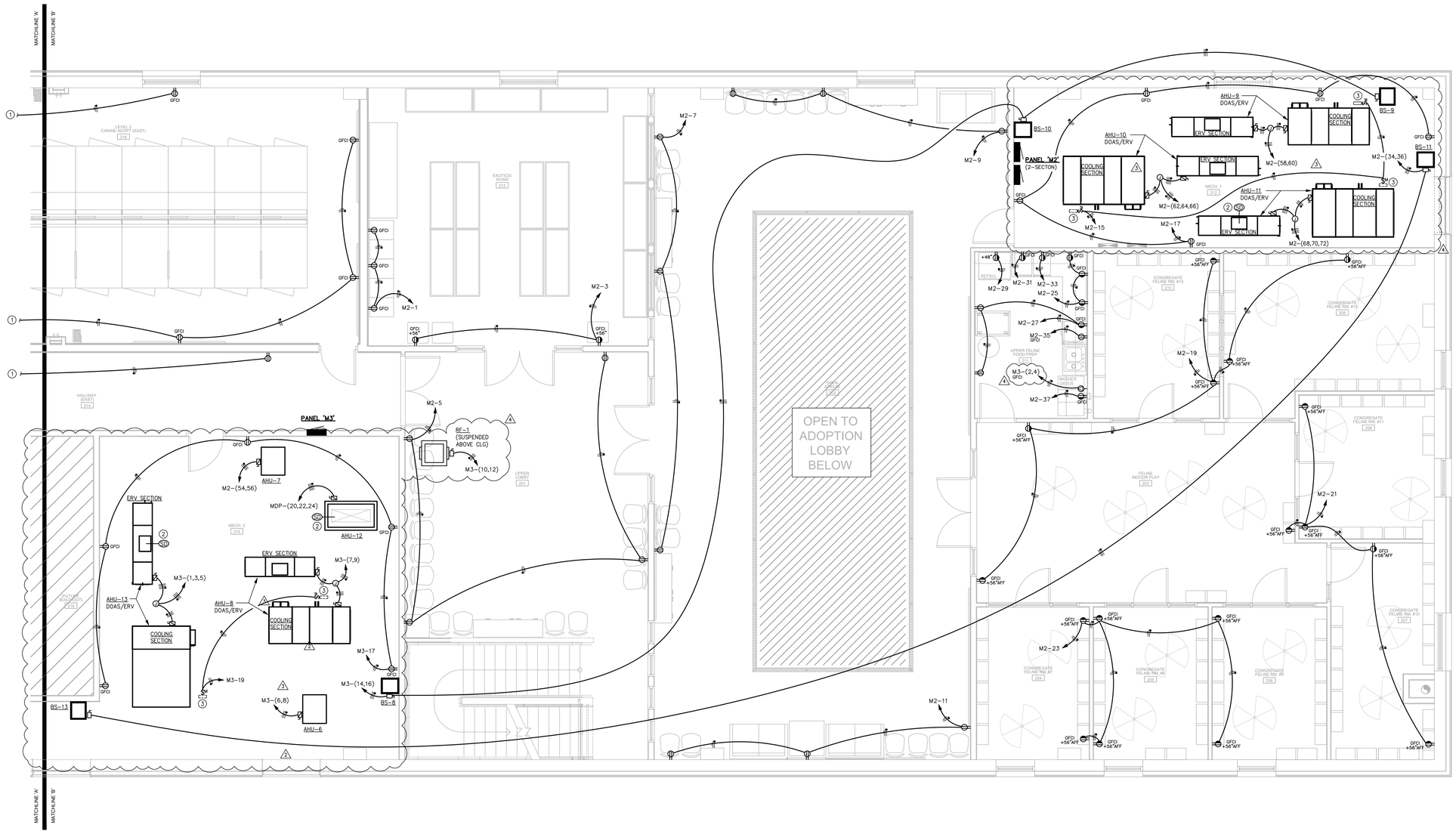
KEY NOTES

1. SEE DRAWING E203 FOR CONTINUATION.
2. DUCT MOUNTED SMOKE DETECTOR(S) PROVIDED AND INSTALLED IN THE DUCT BY MECHANICAL CONTRACTOR. THE DUCT MOUNTED SMOKE DETECTOR(S) SHALL BE WIRED BY THE ELECTRICAL CONTRACTOR TO HVAC AND SPRINKLER MONITORING PANEL (PANEL PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR IN FIRE RISER ROOM 110). SEE E401 FOR RISER AMD NOTES. ⚠1
3. PROVIDE ELECTRICAL CONNECTION FOR CONDENSATE PUMP DIVERSITECH CP-22, 120V, 1/30HP, 1.9A. PROVIDE 20A SPST SWITCH AT CONNECTION. ⚠1

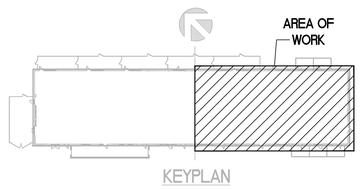
GENERAL NOTES

A. REFER TO DRAWING E001 & E002 FOR ELECTRICAL SPECIFICATIONS, SYMBOL LEGENDS, AND NOTES.

B. REFER TO DRAWING E003 FOR MECHANICAL AND PLUMBING EQUIPMENT SCHEDULES.



1 UPPER LEVEL
FLOOR PLAN – POWER – EAST
SCALE: 1/4" = 1'-0"



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BDA

STATE OF NEW YORK
WILLIAM LEE TEETER
LICENSED PROFESSIONAL ENGINEER
071959
07/09/25

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

UPPER LEVEL
FLOOR PLAN - POWER - EAST

REV.#	DATE	COMMENTS
⚠1	09/09/2024	ADDENDUM 1
⚠2	02/06/2025	COORDINATION
⚠3	06/04/2025	COORDINATION
⚠4	07/09/2025	ASI #2

REVISION:

REVIEWS

INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS

PROJECT NO.: 23077
DRAWN: ZLT
DATE: 07/08/2024

E204

12 OF 19

GROUNDING DETAILS MOVED TO SHEET E402

NEW PANEL "MDP"

SUPPLY: 208/120V, 3-PH, 4W
MAINS: 1600A MLO
INTERRUPT RATING: 22K A.I.C.
MOUNTING: SURFACE

TYPE: BRANCH CIRCUIT PANELBOARD
BUS MATERIAL: CU OR AL
MANUFACTURER: SQ-D, GE, SIEMENS

NOTE	DESCRIPTION	TRIP	POLE	WIRE	CCT	PHASE LOAD SUMMARY A	PHASE LOAD SUMMARY B	PHASE LOAD SUMMARY C	CCT	WIRE	POLE	TRIP	DESCRIPTION	NOTE
					1	9.0	8.7		2					
	PANEL "A"	225	3	SR	3		9.6	10.5	4	SR	3	225	PANEL "B"	
					5			6.5 11.0	6					
					7	8.2	19.2		8					
	PANEL "C"	225	3	SR	9		9.4	17.2	10	SR	3	225	PANEL "D"	
					11			7.0 19.9	12					
					13	45.6	38.0		14					
	PANEL "M1"	400	3	SR	15		45.6	29.8	16	SR	3	400	PANEL "M2"	
					17			44.0 36.0	18					
					19	6.0	10.0		20					
	WH-1A	70	3	4	21		6.0	10.0	22	1	3	110	AHU-12	
					23			6.0 10.0	24					
					25	6.0	0.0		26					
	WH-1B	70	3	4	27		6.0	0.0	28	4	3	60	SPD	
					29			6.0 0.0	30					
					31	16.1	0.0		32		1		SPACE WITH BUSSING	
	PANEL "M3"	225	3	SR	33		11.4	0.0	34		1		SPACE WITH BUSSING	
					35			13.7 0.0	36		1		SPACE WITH BUSSING	
	SPACE WITH BUSSING		1		37	0.0	0.0		38		1		SPACE WITH BUSSING	
	SPACE WITH BUSSING		1		39		0.0	0.0	40		1		SPACE WITH BUSSING	
	SPACE WITH BUSSING		1		41			0.0 0.0	42		1		SPACE WITH BUSSING	
TOTAL KVA PER PHASE						166.8	155.5	160.1						
DIVERSIFIED KVA PER PHASE						158.7	149.8	153.4						
DIVERSIFIED TOTAL KVA						461.9 KVA								
MAXIMUM AMPS HEAVIEST PHASE (DIVERSIFIED)						1321.4 AMPS								

REQUIREMENTS
1. WITH EQUIPMENT GROUND BUS
2. PROVIDE A TYPEWRITTEN DIRECTORY.
3. "SR" = SEE POWER RISER DIAGRAM

NEC 220 LOAD JUSTIFICATION

LIGHTING	125%	23.5
HEATING	100%	28.5
AIR HANDLERS	100%	111.1
AIR CONDITIONING	100%	125.8
RECEPTACLES	1st 10kVA = 100% +50% OF REMAINING	35.2
WATER HEATER	100%	36.0
SERVICE EQUIPMENT	MINUS NEC DEMAND 100%	0.0
PROCESS	100%	0.0
MISCELLANEOUS	100%	86.5

AVAILABLE SHORT CIRCUIT FAULT CURRENT & COORDINATION STUDY

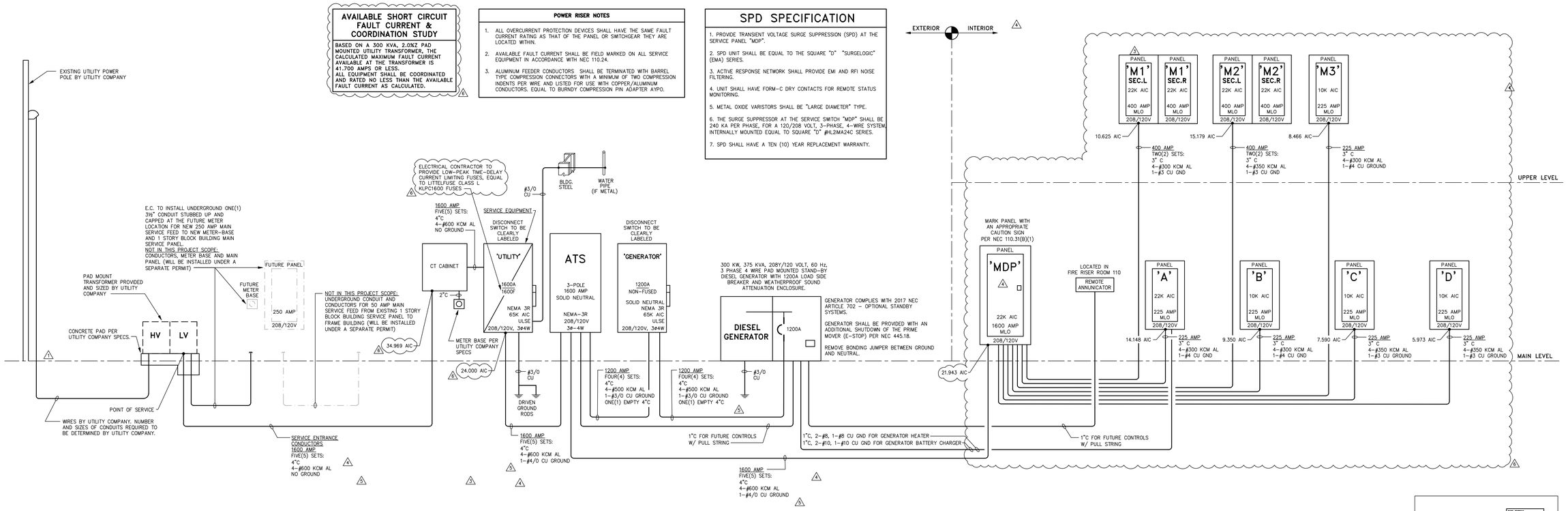
BASED ON A 300 KVA, 2.0%Z PAD MOUNTED UTILITY TRANSFORMER, THE CALCULATED MAXIMUM FAULT CURRENT AVAILABLE AT THE TRANSFORMER IS 41,700 AMPS OR LESS. ALL EQUIPMENT SHALL BE COORDINATED AND RATED NO LESS THAN THE AVAILABLE FAULT CURRENT AS CALCULATED.

POWER RISER NOTES

1. ALL OVERCURRENT PROTECTION DEVICES SHALL HAVE THE SAME FAULT CURRENT RATING AS THAT OF THE PANEL OR SWITCHGEAR THEY ARE LOCATED WITHIN.
2. AVAILABLE FAULT CURRENT SHALL BE FIELD MARKED ON ALL SERVICE EQUIPMENT IN ACCORDANCE WITH NEC 110.24.
3. ALUMINUM FEEDER CONDUCTORS SHALL BE TERMINATED WITH BARREL TYPE COMPRESSION CONNECTORS WITH A MINIMUM OF TWO COMPRESSION INDENTS PER WIRE AND LISTED FOR USE WITH COPPER/ALUMINUM CONDUCTORS. EQUAL TO BURNDY COMPRESSION PIN ADAPTER AYPO.

SPD SPECIFICATION

1. PROVIDE TRANSIENT VOLTAGE SURGE SUPPRESSION (SPD) AT THE SERVICE PANEL "MDP".
2. SPD UNIT SHALL BE EQUAL TO THE SQUARE "D" "SURGELOGIC" (EMA) SERIES.
3. ACTIVE RESPONSE NETWORK SHALL PROVIDE EMI AND RFI NOISE FILTERING.
4. UNIT SHALL HAVE FORM-C DRY CONTACTS FOR REMOTE STATUS MONITORING.
5. METAL OXIDE VARISTORS SHALL BE "LARGE DIAMETER" TYPE.
6. THE SURGE SUPPRESSOR AT THE SERVICE SWITCH "MDP" SHALL BE 240 KA PER PHASE, FOR A 120/208 VOLT, 3-PHASE, 4-WIRE SYSTEM, INTERNALLY MOUNTED EQUAL TO SQUARE "D" #HL2MA24C SERIES.
7. SPD SHALL HAVE A TEN (10) YEAR REPLACEMENT WARRANTY.



1 POWER RISER DIAGRAM

DIAGRAMMATIC

PANEL SCHEDULE KEY

'MDP'

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STATE OF NEW YORK · WILLIAM LEE TEETER · 071959 · LICENSED PROFESSIONAL ENGINEER

07/09/25

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

POWER RISER DIAGRAM & PPANEL SCHEDULES

REV#	DATE	COMMENTS
1	03/07/2025	RFI #9 MAIN SERVICE COORDINATION
2	06/04/2025	COORDINATION
3	06/27/2025	MAIN SERVICE COORDINATION
4	07/09/2025	ASI #2
REVISION:		
REVISION:		
REVISION:		
REVISION:		

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS
PROJECT NO.: 23077
DRAWN: ZLT
DATE: 07/08/2024

E301

15 OF 19

NEW PANEL M1 (LEFT SECTION)

SUPPLY: 208/120V, 3-PH, 4W
MAINS: 400A MLO
INTERRUPT RATING: 22K AIC
MOUNTING: RECESSED

TYPE: BRANCH CIRCUIT PANELBOARD TWO-SECTION PANELBOARD WITH 42 POLES
BUS MATERIAL: CU OR AL PER SECTION. PROVIDE SUB-FEED LUGS AND
MANUFACTURER: SQ-D, GE, SIEMENS CONNECTION TO SECOND SECTION.

NOTE	DESCRIPTION	TRIP	POLE	WIRE	CCT	PHASE A		PHASE B		PHASE C		CCT	WIRE	POLE	TRIP	DESCRIPTION	NOTE
	REC – HALLWAY	20	1	12	1	0.7	0.2					2	12	2	15	BS-1,2,3	.
	REC – EXERCISE RM	20	1	12	3			0.9	0.2			4	.				.
A	REFRIGERATOR – FELINE	20	1	12	5					0.8	0.2	6	12	2	15	BS-14,15	.
	REC – FELINE	20	1	12	7	0.4	0.2					8	.				.
A	COUNTER REFRIG. FELINE	20	1	12	9			0.8	11.0			10	1	3	125	CU-1	.
A	COUNTER REFRIG. FELINE	20	1	12	11					0.8	11.0	12	.				.
	REC – FELINE	20	1	12	13	0.9	11.0					14	.				.
A	EWC – ALCOVE	20	1	12	15			1.0	5.2			16	4	3	70	CU-4	.
A	EWC – ALCOVE	20	1	12	17					1.0	5.2	18	.	.	.	.	.
	REC – MECH RM	20	1	12	19	1.3	5.2					20	.				.
	REC – JAN./RESTROOMS	20	1	12	21			0.5	0.0			22		1	20	SPARE	.
	REC – CANINE ADOPT WEST	20	1	12	23					0.9	0.0	24		1	20	SPARE	.
	REC – CANINE ADOPT WEST	20	1	12	25	0.7	0.0					26		1	20	SPARE	.
	REC – CANINE ADOPT EAST	20	1	12	27			0.7	0.4			28	12	1	20	REC FUT BUILD-OUT	.
	REC – CANINE ADOPT EAST	20	1	12	29					0.9	0.1	30	12	1	20	FAN EF-11	.
	REC – HALLWAY	20	1	12	31	0.5	1.0					32	12	1	20	ELEV CONTROLS	.
	REC – ROOF MECH	20	1	12	33			0.4	0.3			34	12	1	20	ELEV FAN & LIGHTS	.
	LTG – EXERCISE RESTROOMS	20	1	12	35					1.0	5.1	36	4	3	70	ELEVATOR	B
	LTG – CORRIDOR	20	1	12	37	0.6	5.1					38	.	.	.	.	.
	LTG FUT BUILD-OUT	20	1	12	39			1.1	5.1			40	.				
	LTG KENNELS	20	1	12	41					1.5	0.0	42	.	1	.	SHUNT TRIP SPACE	
	TOTAL KVA PER PHASE					27.8		27.5		28.5							

NEC 220 LOAD JUSTIFICATION:
SEE RIGHT SECTION FOR LOAD JUSTIFICATION.

REQUIREMENTS:
1. WITH EQUIPMENT GROUND BUS
2. PROVIDE A TYPEWRITTEN DIRECTORY.

PANEL KEY NOTES:
A. PROVIDE A GFCI BREAKER.
B. PROVIDE SHUNT TRIP BREAKER.

NEW PANEL M1 (RIGHT SECTION)

SUPPLY: 208/120V, 3-PH, 4W
MAINS: 400A MLO
INTERRUPT RATING: 22K AIC
MOUNTING: RECESSED

TYPE: BRANCH CIRCUIT PANELBOARD TWO-SECTION PANELBOARD WITH 42 POLES
BUS MATERIAL: CU OR AL PER SECTION. PROVIDE SUB-FEED LUGS AND
MANUFACTURER: SQ-D, GE, SIEMENS CONNECTION TO SECOND SECTION.

NOTE	DESCRIPTION	TRIP	POLE	WIRE	CCT	PHASE A		PHASE B		PHASE C		CCT	WIRE	POLE	TRIP	DESCRIPTION	NOTE
	AHU-1	20	3	12	43	1.4	1.3					44	12	2	15	HP-4	
	.	.	.	.	45			1.4	1.3			46	.				
	.	.	.	.	47					1.4	3.1	48	8	2	35	HP-5	
	AHU-2	20	3	12	49	1.4	3.1					50	.				
	.	.	.	.	51			1.4	3.1			52	8	2	35	HP-6	
	.	.	.	.	53					1.4	3.1	54	.				
	AHU-3	30	3	10	55	2.0	0.0					56		1	20	SPARE	.
	.	.	.	.	57			2.0	0.0			58		1	20	SPARE	
	.	.	.	.	59					2.0	0.0	60		1	20	SPARE	.
	AHU-4	30	2	10	61	2.4	0.0					62		1	20	SPARE	
	.	.	.	.	63			2.4	0.0			64		1	20	SPARE	.
	AHU-14	20	3	12	65					1.4	0.0	66		1	20	SPARE	
	.	.	.	.	67	1.4	0.0					68		1	20	SPARE	
	.	.	.	.	69			1.4	0.0			70		1	20	SPARE	
	AHU-15	15	2	12	71					0.8	0.0	72		1	20	SPARE	
	.	.	.	.	73	0.8	0.0					74				SPACE WITH BUSSING	
	DHP-1/DAH-1	15	2	12	75			1.0	0.0			76				SPACE WITH BUSSING	
	.	.	.	.	77					1.0	0.0	78				SPACE WITH BUSSING	.
.	AHU-5	45	2	6	79	4.0	0.0					80				SPACE WITH BUSSING	.
.	.	.	.	.	81			4.0	0.0			82				SPACE WITH BUSSING	.
	CONDENSATE PUMPS	20	1	12	83					1.2	0.0	84				SPACE WITH BUSSING	.
	TOTAL KVA PER PHASE					45.6		45.6		44.0							
	DIVERSIFIED KVA PER PHASE					45.8		45.9		44.6							
	DIVERSIFIED TOTAL KVA					136.2 KVA											
	MAXIMUM AMPS HEAVIEST PHASE (DIVERSIFIED)					381.9 AMPS											

NEC 220 LOAD JUSTIFICATION:

LIGHTING	125%	5.4
HEATING	100%	0.0
AIR HANDLERS	100%	34.1
AIR CONDITIONING	100%	65.7
RECEPTACLES	1st 10kVA = 100% +50% OF REMAINING	9.2
WATER HEATER	100%	0.0
SERVICE EQUIPMENT	MINUS NEC DEMAND 100%	0.0
PROCESS	100%	0.0
MISCELLANEOUS	100%	6.6

REQUIREMENTS:
1. WITH EQUIPMENT GROUND BUS
2. PROVIDE A TYPEWRITTEN DIRECTORY.

PANEL KEY NOTES:
A. PROVIDE A GFCI BREAKER.
B. PROVIDE SHUNT TRIP BREAKER.

NEW PANEL A

SUPPLY: 208/120V, 3-PH, 4W
MAINS: 225A MLO
INTERRUPT RATING: 22K AIC
MOUNTING: RECESSED

TYPE: BRANCH CIRCUIT PANELBOARD
BUS MATERIAL: CU OR AL
MANUFACTURER: SQ-D, GE, SIEMENS

NOTE	DESCRIPTION	TRIP	POLE	WIRE	CCT	PHASE A		PHASE B		PHASE C		CCT	WIRE	POLE	TRIP	DESCRIPTION	NOTE
	REC – FELINE HALLWAY	20	1	12	1	0.7	0.9					2	12	1	20	LTG CONGREGATE RM	
	REC – FELINE HALLWAY	20	1	12	3			0.7	0.6			4	12	1	20	LTG FEL CONDOS	
	REC – FELINE ROOMS	20	1	12	5					1.1	0.7	6	12	1	20	LTG ADOPT RECEPT	
	REC – FIRE RISER	20	1	12	7	0.5	0.4					8	10	1	20	LTG EXTERIOR	
	REC – FELINE EXTERIOR	20	1	12	9			0.5	0.7			10	10	1	20	LTG EXTERIOR	
	REC – FELINE FOOD PREP	20	1	12	11					0.5	0.4	12	10	1	20	LTG EXTER SITE	
A	DISHWASHER – FELINE	20	1	12	13	1.0	2.5					14	8	2	40	EUH-1	
A	REFRIGERATOR – FELINE	20	1	12	15			0.8	2.5			16					
	REC – FELINE FOOD PREP	20	1	12	17					0.4	0.0	18	.	1	20	SPARE	.
	REC – FELINE M&G	20	1	12	19	0.7	0.0					20	.	1	20	SPARE	
	REC – EXTERIOR	20	1	12	21			0.2	1.4			22	12	1	20	WASHING MACHINE	.
	REC – FELINE CONGR.	20	1	12	23					0.7	0.8	24	12	1	20	REFRIG. – FELINE PREP	A
	REC – FELINE CONGR. EXTER.	20	1	12	25	0.4	0.8					26	12	1	20	REFRIG. – FELINE PREP	A
	REC – FELINE CONDOS	20	1	12	27			0.5	1.3			28	10	2	30	GENERATOR HEATER	
	REC – ADOPTION LOBBY	20	1	12	29					0.5	1.3	30	.				
	REC – ADOPTION LOBBY	20	1	12	31	0.7	0.4					32	10	1	20	GEN BATTERY CHARGER	
B	SPR & HVAC MONIT PNL	20	1	12	33			0.2	0.1			34	12	1	20	GEN CONTROLS	
	FANS EF-12 EF-13	20	1	12	35					0.1	0.0	36	.	1	20	SPARE	
	SPARE	20	1	.	37	0.0	0.0					38	.	1	20	SPARE	
	SPARE	20	1	.	39			0.0	0.1			40	12	1	20	RECIRC PUMP RCP-1	
	SPARE	20	1	.	41					0.0	0.0	42	.	1	20	SPARE	
	TOTAL KVA PER PHASE					9.0		9.6		6.5							
	DIVERSIFIED KVA PER PHASE					9.3		9.9		6.8							
	DIVERSIFIED TOTAL KVA					26.0 KVA											
	MAXIMUM AMPS HEAVIEST PHASE (DIVERSIFIED)					82.8 AMPS											

NEC 220 LOAD JUSTIFICATION:

LIGHTING	125%	4.5
HEATING	100%	7.5
AIR HANDLERS	100%	0.1
AIR CONDITIONING	100%	0.0
RECEPTACLES	1st 10kVA = 100% +50% OF REMAINING	8.3
WATER HEATER	100%	0.0
SERVICE EQUIPMENT	MINUS NEC DEMAND 100%	0.0
PROCESS	100%	0.0
MISCELLANEOUS	100%	5.6

PANEL NOTES + REQUIREMENTS:
1. WITH EQUIPMENT GROUND BUS
2. PROVIDE A TYPEWRITTEN DIRECTORY.

PANEL KEY NOTES:
A. PROVIDE A GFCI BREAKER.
B. PROVIDE LOCK-ON DEVICE ON BREAKER. MARL BREAKER RED COLOR.

NEW PANEL M2 (LEFT SECTION)

SUPPLY: 208/120V, 3-PH, 4W
MAINS: 400A MLO
INTERRUPT RATING: 22K AIC
MOUNTING: RECESSED

TYPE: BRANCH CIRCUIT PANELBOARD TWO-SECTION PANELBOARD WITH 42 POLES
BUS MATERIAL: CU OR AL PER SECTION. PROVIDE SUB-FEED LUGS AND
MANUFACTURER: SQ-D, GE, SIEMENS CONNECTION TO SECOND SECTION.

NOTE	DESCRIPTION	TRIP	POLE	WIRE	CCT	PHASE A		PHASE B		PHASE C		CCT	WIRE	POLE	TRIP	DESCRIPTION	NOTE
	REC – EXOTICS	20	1	12	1	0.5	5.6					2	3	3	80	CU-2	
	REC – EXOTICS	20	1	12	3			0.4	5.6			4	.	.	.	.	
	REC – LOBBY	20	1	12	5					0.7	5.6	6	.				
	REC – ATRIUM	20	1	12	7	0.5	8.5					8	1	3	110	CU-3	
	REC – ATRIUM	20	1	12	9			0.5	8.5			10	.	.	.	.	
	REC – ATRIUM	20	1	12	11					0.5	8.5	12	.				
	REC – ROOF MECH	20	1	12	13	0.4	0.0					14	.	1	20	SPARE	
	CONDENSATE PUMPS	20	1	12	15			0.7	0.0			16	.	1	20	SPARE	
	REC – MECH RM	20	1	12	17					0.9	0.0	18	.	1	20	SPARE	
	REC – FELINE	20	1	12	19	1.1	0.0					20	.	1	20	SPARE	
	REC – FELINE	20	1	12	21			0.9	0.0			22	.	2	20	SPARE	
	REC – FELINE	20	1	12	23					1.1	0.0	24	.				
	REC – FELINE FOOD SINK	20	1	12	25	0.5	0.0					26	.	2	15	SPARE	
	REC – FELINE FOOD	20	1	12	27			0.5	0.0			28	.				
.	REFRIGERATOR – FELINE	20	1	12	29					0.8	0.0	30	.	2	15	SPARE	
.	COUNTER REFRIG – FELINE	20	1	12	31	0.8	0.0					32	.				
.	COUNTER REFRIG – FELINE	20	1	12	33			0.8	0.2			34	12	2	15	BS-11,13	
A	DISHWASHER – FELINE	20	1	12	35					1.2	0.2	36	.				
.	WASHER – FELINE	20	1	12	37	1.5	0.8					38	12	1	20	LTG – LOBBY AVIAN	
.	SPARE	20	1	.	39			0.0	0.7			40	12	1	20	LTG ATRIUM MECH	
.	SPARE	20	1	.	41					0.0	1.1	42	12	1	20	LTG CONGREGATE RMS	
	TOTAL KVA PER PHASE					20.3		18.8		20.7							

NEC 220 LOAD JUSTIFICATION:
SEE RIGHT SECTION FOR LOAD JUSTIFICATION.

PANEL NOTES + REQUIREMENTS:
1. WITH EQUIPMENT GROUND BUS
2. PROVIDE A TYPEWRITTEN DIRECTORY.

PANEL KEY NOTES:
A. PROVIDE A GFCI BREAKER.
B. PROVIDE LOCK-ON DEVICE ON A BREAKER.

NEW PANEL M2 (RIGHT SECTION)

SUPPLY: 208/120V, 3-PH, 4W
MAINS: 400A MLO
INTERRUPT RATING: 22K AIC
MOUNTING: RECESSED

TYPE: BRANCH CIRCUIT PANELBOARD TWO-SECTION PANELBOARD WITH 42 POLES
BUS MATERIAL: CU OR AL PER SECTION. PROVIDE SUB-FEED LUGS AND
MANUFACTURER: SQ-D, GE, SIEMENS CONNECTION TO SECOND SECTION.

NOTE	DESCRIPTION	TRIP	POLE	WIRE	CCT	PHASE A		PHASE B		PHASE C		CCT	WIRE	POLE	TRIP	DESCRIPTION	NOTE
.	FAN "Q"	20	2	12	43	1.0	4.2					44	4	3	60	HP-12	
.	.	.	.		45			1.0	4.2			46	.	.	.	.	
.	SPARE	20	1		47					0.0	4.2	48	.				
.	SPARE	20	1		49	0.0	2.2					50	10	2	25	HP-7	
.	SPARE	20	1		51			0.0	2.2			52	.				
.	SPARE	20	1		53					0.0	7.5	54	3	2	80	AHU-7	
.	SPARE	20	1		55	0.0	7.5					56	.				
.	SPARE	20	1		57			0.0	0.8			58	12	2	15	AHU-9	
.	SPARE	20	1		59					0.0	0.8	60	.	.	.	.	
.	SPARE	20	1		61	0.0	1.4					62	12	3	20	AHU-10	
.	SPARE	20	1		63			0.0	1.4			64	.	.	.	.	
.	SPARE	20	1		65					0.0	1.4	66	.	.	.	.	
.	SPARE	20	1		67	0.0	1.4					68	12	3	20	AHU-11	
.	SPARE	20	1		69			0.0	1.4			70	.	.	.	.	
.	SPARE	20	1		71					0.0	1.4	72	.	.	.	.	
.	SPACE WITH BUSSING	.	.	.	73	0.0	0.0					74				SPACE WITH BUSSING	
.	SPACE WITH BUSSING	.	.	.	75			0.0	0.0			76				SPACE WITH BUSSING	
.	SPACE WITH BUSSING	.	.	.	77					0.0	0.0	78				SPACE WITH BUSSING	
.	SPACE WITH BUSSING	.	.	.	79	0.0	0.0					80				SPACE WITH BUSSING	
.	SPACE WITH BUSSING	.	.	.	81			0.0	0.0			82				SPACE WITH BUSSING	
.	SPACE WITH BUSSING	.	.	.	83					0.0	0.0	84				SPACE WITH BUSSING	
	TOTAL KVA PER PHASE					38.0		29.8		36.0							
	DIVERSIFIED KVA PER PHASE					38.2		30.0		36.2							
	DIVERSIFIED TOTAL KVA					104.4 KVA											
	MAXIMUM AMPS HEAVIEST PHASE (DIVERSIFIED)					317.8 AMPS											

NEC 220 LOAD JUSTIFICATION:

LIGHTING	125%	3.3
HEATING	100%	0.0
AIR HANDLERS	100%	27.0
AIR CONDITIONING	100%	59.7
RECEPTACLES	1st 10kVA = 100% +50% OF REMAINING	8.6
WATER HEATER	100%	0.0
SERVICE EQUIPMENT	MINUS NEC DEMAND 100%	0.0
PROCESS	100%	0.0
MISCELLANEOUS	100%	5.8

PANEL NOTES + REQUIREMENTS:
1. WITH EQUIPMENT GROUND BUS
2. PROVIDE A TYPEWRITTEN DIRECTORY.

PANEL KEY NOTES:
A. PROVIDE A GFCI BREAKER.
B. PROVIDE LOCK-ON DEVICE ON A BREAKER.

NEW PANEL B

SUPPLY: 208/120V, 3-PH, 4W
MAINS: 225A MLO
INTERRUPT RATING: 10K AIC
MOUNTING: RECESSED

TYPE: BRANCH CIRCUIT PANELBOARD
BUS MATERIAL: CU OR AL
MANUFACTURER: SQ-D, GE, SIEMENS

NOTE	DESCRIPTION	TRIP	POLE	WIRE	CCT	PHASE A		PHASE B		PHASE C		CCT	WIRE	POLE	TRIP	DESCRIPTION	NOTE
	REC – HALL HALLWAY	20	1	12	1	0.9	0.4					2	12	1	20	REC – STAFF LOUNGE	
	REC – HALLWAY	20	1	12	3			0.7	0.8			4	12	1	20	ELEC. WATER COOLER	A
	REC – RESTROOMS/JAN	20	1	12	5					0.5	0.8	6	12	1	20	REFRIGERATOR	A
	REC – CANINE M/G	20	1	12	7	0.9	1.0					8	12	1	20	DISHWASHER	A
	REC – KENNELS/ADOPT	20	1	12	9			0.9	1.2			10	12	1	20	MICROWAVE	A
	REC – KENNELS/ADOPT	20	1	12	11					0.7	1.5	12	12	2	20	EWH-2	
	SPARE	20	1		13	0.0	1.5					14	.				
	REC – OFFICE	20	1	12	15			0.9	0.5			16	12	1	20	REC – CANINE YARDS	
	REC – OFFICE	20	1	12	17					0.9	1.1	18	12	1	20	REC – ADOPT. RECEPTION	
	REC – COPY STATION	20	1	12	19	0.5	0.9					20	12	1	20	REC – ADOPTION LOBBY	
	COPY MACHINE	20	1	12	21			0.8	2.7			22	10	2	30	DRYER	A
	REC – CUBICALS	20	1	12	23					0.9	2.7	24	.				
	REC – CUBICALS	20	1	12	25	1.1	0.0					26		1	20	SPARE	
	REC – CUBICALS	20	1	12	27			0.9	0.0			28		1	20	SPARE	
	REC – CONF RM	20	1	12	29					1.0	0.0	30		1	20	SPARE	
	TV – LOUNGE	20	1	12	31	0.7	0.0					32		1	20	SPARE	
	SPARE	20	1	.	33			0.0	0.0			34		1	20	SPARE	
	SPARE	20	1		35					0.0	0.0	36		1	20	SPARE	
	LTG CANINE ADOPT	20	1	12	37	0.9	0.0					38		1	20	SPARE	
	LTG HALLWAY	20	1	12	39			1.0	0.0			40		1	20	SPARE	
	LTG CONF LOUNGE OFFICES	20	1	12	41					0.9	0.0	42		1	20	SPARE	
	TOTAL KVA PER PHASE					8.7		10.5		11.0							
	DIVERSIFIED KVA PER PHASE					8.3		10.2		10.6							
	DIVERSIFIED TOTAL KVA					29.1 KVA											
	MAXIMUM AMPS HEAVIEST PHASE (DIVERSIFIED)					87.9 AMPS											

NEC 220 LOAD JUSTIFICATION:

LIGHTING	125%	3.5
HEATING	100%	3.0
AIR HANDLERS	100%	0.0
AIR CONDITIONING	100%	0.0
RECEPTACLES	1st 10kVA = 100% +50% OF REMAINING	11.9
WATER HEATER	100%	0.0
SERVICE EQUIPMENT	MINUS NEC DEMAND 100%	0.0
PROCESS	100%	0.0
MISCELLANEOUS	100%	10.7

REQUIREMENTS:
1. WITH EQUIPMENT GROUND BUS
2. PROVIDE A TYPEWRITTEN DIRECTORY.

PANEL KEY NOTES:
A. PROVIDE A GFCI BREAKER.
B. PROVIDE LOCK-ON DEVICE ON A BREAKER.

NEW PANEL M3

SUPPLY: 208/120V, 3-PH, 4W
MAINS: 225A MLO
INTERRUPT RATING: 10K AIC
MOUNTING: RECESSED

TYPE: BRANCH CIRCUIT PANELBOARD
BUS MATERIAL: CU OR AL
MANUFACTURER: SQ-D, GE, SIEMENS

NOTE	DESCRIPTION	TRIP	POLE	WIRE	CCT	PHASE A		PHASE B		PHASE C		CCT	WIRE	POLE	TRIP	DESCRIPTION	NOTE
.	AHU-13	30	3	10	1	2.0	2.6					2	10	2	30	DRYER – FELINE	A
.	.	.	.	.	3			2.0	2.6			4	.				
	.	.			5					2.0	5.0	6	6	2	50	AHU-6	
	AHU-8	15	2	12	7	0.8	5.0					8	.	.	.	.	.
	.	.	.	.	9			0.8	0.8			10	12	2	20	FAN RF-1	.
.	EUH-2	60	3	4	11					5.0	0.8	12	.				
.	.	.	.	.	13	5.0	0.2					14	12	2	15	BS-8,9,10	
.	.	.	.	.	15			5.0	0.2			16	.				
	REC – MECH RM	20	1	12	17					0.9	0.0	18	.	1	20	SPARE	.
.	CONDENSATE PUMPS	20	1	12	19	0.5	0.0					20	.	1	20	SPARE	.
.	SPARE	20	1	.	21			0.0	0.0			22	.	1	20	SPARE	.
.	SPARE	20	1	.	23					0.0	0.0	24	.	1	20	SPARE	.
.	SPACE WITH BUSSING	.	1	.	25	0.0	0.0					26	.	1	.	SPACE WITH BUSSING	.
.	SPACE WITH BUSSING	.	1	.	27			0.0	0.0			28	.	1	.	SPACE WITH BUSSING	.
.	SPACE WITH BUSSING	.	1	.	29					0.0	0.0	30	.	1	.	SPACE WITH BUSSING	.
.	SPACE WITH BUSSING	.	1	.	31	0.0	0.0					32	.	1	.	SPACE WITH BUSSING	.
.	SPACE WITH BUSSING	.	1	.	33			0.0	0.0			34	.	1	.	SPACE WITH BUSSING	.
.	SPACE WITH BUSSING	.	1	.	35					0.0	0.0	36	.	1	.	SPACE WITH BUSSING	.
.	SPACE WITH BUSSING	.	1	.	37	0.0	0.0					38	.	1	.	SPACE WITH BUSSING	.
.	SPACE WITH BUSSING	.	1	.	39			0.0	0.0			40	.	1	.	SPACE WITH BUSSING	.
.	SPACE WITH BUSSING	.	1	.	41					0.0	0.0	42	.	1	.	SPACE WITH BUSSING	.
	TOTAL KVA PER PHASE					16.1		11.4		13.7							
	DIVERSIFIED KVA PER PHASE					16.1		11.4		13.7							
	DIVERSIFIED TOTAL KVA					41.1 KVA											
	MAXIMUM AMPS HEAVIEST PHASE (DIVERSIFIED)					134.1 AMPS											

NEC 220 LOAD JUSTIFICATION:

LIGHTING	125%	0.0
HEATING	100%	15.0
AIR HANDLERS	100%	19.1
AIR CONDITIONING	100%	0.4
RECEPTACLES	1st 10kVA = 100% +50% OF REMAINING	0.9
WATER HEATER	100%	0.0
SERVICE EQUIPMENT	MINUS NEC DEMAND 100%	0.0
PROCESS	100%	0.0
MISCELLANEOUS	100%	5.7

PANEL NOTES + REQUIREMENTS:
1. WITH EQUIPMENT GROUND BUS
2. PROVIDE A TYPEWRITTEN DIRECTORY.

PANEL KEY NOTES:
A. PROVIDE A GFCI BREAKER.
B. PROVIDE LOCK-ON DEVICE ON BREAKER. MARL BREAKER RED COLOR.

NEW PANEL D

SUPPLY: 208/120V, 3-PH, 4W
MAINS: 225A MLO
INTERRUPT RATING: 10K AIC
MOUNTING: RECESSED

TYPE: BRANCH CIRCUIT PANELBOARD
BUS MATERIAL: CU OR AL
MANUFACTURER: SQ-D, GE, SIEMENS

NOTE	DESCRIPTION	TRIP	POLE	WIRE	CCT	PHASE A		PHASE B		PHASE C		CCT	WIRE	POLE	TRIP	DESCRIPTION	NOTE
.	REC – HALL/JANITOR	20	1	12	1	0.9	0.4					2	12	1	20	ELEV – SP-1 (SUMP PUMP)	.
.	REC – KENNELS/ADOPT	20	1	12	3			1.1	0.5			4	12	1	20	ELEV – PIT LIGHTING	.
.	REC – KENNELS/ADOPT	20	1	12	5					0.9	6.0	6	4	3	60	WALK-IN FREEZER	.
.	REC – CANINE EXTERIOR	20	1	12	7	0.4	6.0					8					.
.	REC – SALLY PORT EXTERIOR	20	1	12	9			0.4	6.0			10					.
A	DRYER	30	2	10	11					2.7	1.5	12	12	2	20	EWH-1	
				.	13	2.7	1.5					14	.				
A	DRYER	30	2	10	15			2.7	0.7			16	12	1	20	REC – FELINE/CANINE HOLD	
				.	17					2.7	0.9	18	12	1	20	REC – RECEIVING	.
A	DRYER	30	2	10	19	2.7	0.4					20	12	1	20	REC – EXTERIOR	
				.	21			2.7	0.2			22	12	1	20	FAN EF-15	
A	DRYER	30	2	10	23					2.7	0.0	24	.	1	20	SPARE	
				.	25	2.7	0.0					26	.	1	20	SPARE	
	SPARE	20	1		27			0.0	0.0			28	.	1	20	SPARE	
	SPARE	20	1		29					0.0	0.0	30	.	1	20	SPARE	
A	REFRIG. – FOOD PREP	20	1	12	31	0.8	0.0					32	.	1	20	SPARE	
	REC – FOOD PREP	20	1	12	33			0.5	0.0			34	.	1	20	SPARE	
.	REFRIG. – FOOD PREP	20	1	12	35					0.8	0.0	36	.	1	20	SPARE	
.	REFRIG. – FOOD PREP	20	1	12	37	0.8	0.0					38	.	1	20	SPARE	
A	DISHWASHER – FOOD PREP	20	1	12	39			1.2	1.3			40	12	1	20	LTG – KENNELS	.
	REC – FOOD PREP	20	1	12	41					0.5	1.2	42	12	1	20	LTG – RECEIVING	.
	TOTAL KVA PER PHASE					19.2		17.2		19.9							
	DIVERSIFIED KVA PER PHASE					19.2		17.6		20.2							
	DIVERSIFIED TOTAL KVA					57.0 KVA											
	MAXIMUM AMPS HEAVIEST PHASE (DIVERSIFIED)					168.4 AMPS											

NEC 220 LOAD JUSTIFICATION:

LIGHTING	125%	3.2
HEATING	100%	3.0
AIR HANDLERS	100%	0.2
AIR CONDITIONING	100%	0.0
RECEPTACLES	1st 10kVA = 100% +50% OF REMAINING	7.0
WATER HEATER	100%	0.0
SERVICE EQUIPMENT	MINUS NEC DEMAND 100%	0.0
PROCESS	100%	0.0
MISCELLANEOUS	100%	43.6

REQUIREMENTS:
1. WITH EQUIPMENT GROUND BUS
2. PROVIDE A TYPEWRITTEN DIRECTORY.

NEW PANEL C

SUPPLY: 208/120V, 3-PH, 4W
MAINS: 225A MLO
INTERRUPT RATING: 10K AIC
MOUNTING: RECESSED

TYPE: BRANCH CIRCUIT PANELBOARD
BUS MATERIAL: CU OR AL
MANUFACTURER: SQ-D, GE, SIEMENS

NOTE	DESCRIPTION	TRIP	POLE	WIRE	CCT	PHASE A		PHASE B		PHASE C		CCT	WIRE	POLE	TRIP	DESCRIPTION	NOTE
	REC – HALLWAY	20	1	12	1	0.7	1.5					2	12	2	20	AUTOCLAVE	A
	REC – KENNELS/ADOPT	20	1	12	3			1.1	1.5			4	.				
	REC – KENNELS/ADOPT	20	1	12	5					1.1	0.0	6	.	1	.	SPACE ONLY	.
	REC – CANINE YARD	20	1	12	7	0.4	1.5					8	12	2	20	STERILIZER	A
	REC – INTAKE RMS	20	1	12	9			1.1	1.5			10	.				
	REC – EXAM	20	1	12	11					0.7	0.0	12	.	1		SPACE ONLY	
	REC – WAITING RM	20	1	12	13	1.3	0.2					14	12	1	20	FANS EF-9 EF-16	
	SPARE	20	1		15			0.0	0.2			16	12	1	20	DAH-1 CONDENS PUMP	
	COMPUTERS – DVM OFFICE	20	1	12	17					1.2	1.3	18	12	1	20	REC – DOUBLE SURGERY	
	REC – TREATMENT	20	1	12	19	0.5	0.2					20	12	2	15	FFU-1	
	REC LTS – TREATMENT	20	1	12	21			0.5	0.2			22	.				
	REC LTS – TREATMENT	20	1	12	23					0.5	0.0	24		1	20	SPARE	
	REC – TREATMENT	20	1	12	25	0.9	0.0					26		1	20	SPARE	
A	REFRIGERATOR – TREATM	20	1	12	27			1.2	0.0			28		1	20	SPARE	
	REC LTS – DBL SURGERY	20	1	12	29					1.0	0.0	30		1	20	SPARE	
	REC LTS – DBL SURGERY	20	1	12	31	1.0	0.0					32		1	20	SPARE	
	REC – ISOLATION	20	1	12	33			1.1	0.0			34		1	20	SPARE	
	SPARE	20	1		35					0.0	0.0	36		1	20	SPARE	
	SPARE	20	1		37	0.0	0.0					38		1	20	SPARE	
	LTG – KENNELS	20	1	12	39			1.2	0.0			40		1	20	SPARE	
	LTG – TREATM EXAMS	20	1	12	41					1.3	0.0	42		1	20	SPARE	
	TOTAL KVA PER PHASE					8.2		9.4		7.0							
	DIVERSIFIED KVA PER PHASE					7.7		9.4		7.0							
	DIVERSIFIED TOTAL KVA					24.1 KVA											
	MAXIMUM AMPS HEAVIEST PHASE (DIVERSIFIED)					78.0 AMPS											

NEC 220 LOAD JUSTIFICATION:

LIGHTING	125%	3.7
HEATING	100%	0.0
AIR HANDLERS	100%	0.6
AIR CONDITIONING	100%	0.0
RECEPTACLES	1st 10kVA = 100% +50% OF REMAINING	11.3
WATER HEATER	100%	0.0
SERVICE EQUIPMENT	MINUS NEC DEMAND 100%	0.0
PROCESS	100%	0.0
MISCELLANEOUS	100%	8.5

PANEL NOTES + REQUIREMENTS:
1. WITH EQUIPMENT GROUND BUS
2. PROVIDE A TYPEWRITTEN DIRECTORY.

PANEL KEY NOTES:
A. PROVIDE A GFCI BREAKER.
B. PROVIDE LOCK-ON DEVICE ON A BREAKER.

PANEL SCHEDULE 'M1' SEC. L	PANEL SCHEDULE 'M1' SEC. L	PANEL SCHEDULE 'A'
PANEL SCHEDULE 'M2' SEC. L	PANEL SCHEDULE 'M2' SEC. L	PANEL SCHEDULE 'B'
PANEL SCHEDULE 'M3'	PANEL SCHEDULE 'D'	PANEL SCHEDULE 'C'

PANEL SCHEDULE KEY

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BDA

STATE OF NEW YORK · WILLIAM LEE TEETER · LICENSED PROFESSIONAL ENGINEER · 071959

07/09/25

ROCKLAND GREEN CENTER FOR ANIMAL RESCUE AND EDUCATIONAL SERVICES, INC.
R.G. C.A.R.E.S. ANIMAL SHELTER
427 BEACH RD. LOCATED IN THE TOWN OF HARVERSTRAW, NY 10993

PANEL SCHEDULES

	REV.#	DATE	COMMENTS
REVISION:	1	09/09/2024	ADDENDUM 1
REVISION:	2	02/06/2025	COORDINATION
REVISION:	3	06/04/2025	COORDINATION
REVISION:	4	07/09/2025	ASI #2

REVIEWS	
INITIALS	
	BDA DSGN. REV.
	BDA TECH REV.

RGAS
PROJECT NO.: 23077
DRAWN: ZLT
DATE: 07/08/2024

E302

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Date Printed: 9/9/2024 11:02:43 AM

GENERAL NOTES:

1. REFER TO PROJECT SPECIFICATIONS FOR DETAILED INFORMATION AND COORDINATE WITH PROJECT DRAWINGS.
2. THE CONTRACTOR SHALL USE THE WRITTEN DIMENSIONS PROVIDED WITHIN THE CONTRACT DRAWINGS. SCALED DIMENSIONS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES.
3. THE CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE IMMEDIATELY IF CLARIFICATION OR INTERPRETATION OF THE CONTRACT DOCUMENTS, OR ANY OTHER ASPECTS OF THE PROJECT, IS REQUIRED.
4. LEGEND REPRESENTS STANDARD LINE TYPES AND HATCHING UNLESS INDICATED ON SPECIFIC DRAWINGS.
5. THE ABBREVIATIONS AND SYMBOLS HEREIN ARE STANDARD OF THIS OFFICE AND APPLY TO A VARIETY OF PROJECTS. ONLY A PORTION OF THEM WILL NECESSARILY APPLY TO ANY GIVEN PROJECT. SEE THE LISTINGS IN OTHER SECTIONS OF THIS PROJECT FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS.
6. EDR IS NOT RESPONSIBLE FOR SITE SECURITY AND SAFETY, OR CONSTRUCTION MEANS AND METHODS.
7. EDR IS NOT RESPONSIBLE FOR THE SEQUENCING OF CONSTRUCTION UNLESS A SEQUENCE OF CONSTRUCTION IS PROVIDED IN THE CONTRACT DOCUMENTS.

SITE CIVIL NOTES:

1. THE CONTRACTOR SHALL APPLY FOR ALL REQUIRED PERMITS, PAY ALL FEES REQUIRED BY GOVERNING AGENCIES HAVING JURISDICTION OVER THE FACILITIES AND NATURAL FEATURES FOUND ON SITE, AND FURNISH COPIES TO THE OWNER PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR'S WORK AREA SHALL BE CONFINED TO THE CONTRACT LIMIT LINES. THE CONTRACTOR SHALL OBTAIN ANY ADDITIONAL EASEMENTS OR WORK RELEASES SHOULD THE CONTRACTOR REQUIRE ADDITIONAL AREA TO ACCOMMODATE HIS OPERATIONS.
3. SITE ACCESS IS RESTRICTED TO THE LOCATIONS DESIGNATED ON PLAN.
4. THE CONTRACTOR SHALL ADHERE TO ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), STATE AND LOCAL SAFETY REGULATIONS.
5. CONTRACTOR SHALL PROMPTLY REPORT TO THE OWNER'S REPRESENTATIVE ANY DISCREPANCIES FOUND ON THE SITE OR IN THE CONTRACT DOCUMENTS FOR REVIEW AND RESOLUTION BEFORE PROCEEDING WITH THE WORK IN THE AREA IN QUESTION. PROVIDE FIELD INFORMATION SPECIFIC TO THE DISCREPANCY TO EXPEDITE RESOLUTION.
6. THE TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS PREPARED BY HULBERT ENGINEERING AND LAND SURVEYING, DPC 33 LEWIS ROAD BINGHAMPTON, NY 13095.
7. THE START OF ANY ON-SITE CONSTRUCTION INCLUDING STRIPPING TOPSOIL, REMOVING CUT OR PLACING FILL MATERIAL ESTABLISHES THAT THE CONTRACTOR ACCEPTS THE CONTRACT DOCUMENTS AS ACCURATELY REPRESENTING THE EXISTING SITE CONDITIONS.
8. DURING SALVAGE OPERATIONS FOR MATERIAL INTENDED FOR REUSE ON SITE, MATERIAL MAY BE DAMAGED AND OR NOT SUITABLE FOR REUSE. THE CONTRACTOR SHALL VERIFY QUANTITY AND QUALITY OF SALVAGED MATERIAL AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DEFICIENCIES.
9. ALL FACILITIES TO BE CONSTRUCTED OR INSTALLED SHALL COMPLY WITH ALL SECTIONS AND LATEST REVISIONS OF THE REQUIREMENTS OF ALL AGENCIES OF GOVERNMENT HAVING JURISDICTION.
10. LONG LEAD AND SCARCE MATERIALS SHALL BE ORDERED IN A TIMELY MANNER TO PREVENT AVOIDABLE CONSTRUCTION DELAYS.
11. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE CAUSED BY CONSTRUCTION TO EXISTING UTILITIES AND FACILITIES WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. THE CONTRACTOR SHALL REPAIR, RESTORE AND/OR REPLACE ALL DAMAGE TO THE SATISFACTION OF OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
12. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION EQUAL TO THAT WHICH EXISTED PRIOR TO CONSTRUCTION IN ACCORDANCE WITH SPECIFICATIONS.
13. THE CONTRACTOR SHALL RESTORE ALL DISTURBED SURFACES TO ORIGINAL OR BETTER CONDITION INCLUDING 6 INCHES OF TOPSOIL, SEED, FERTILIZER, AND MULCH. OTHER SURFACES SHALL BE RESTORED AS SHOWN ON THE DETAILS.
14. CONTRACTOR SHALL PROVIDE POSITIVE SITE DRAINAGE DURING CONSTRUCTION OPERATIONS. ALL FINAL LINES AND GRADES SHALL BE CONSTRUCTED TO MAINTAIN POSITIVE SITE DRAINAGE TO EXISTING DRAINAGE STRUCTURES.
15. ALL PAVEMENT SHALL BE SAW CUT PRIOR TO RESTORATION.
16. CONTRACTOR SHALL COORDINATE STAGING AREAS WITH OWNER.
17. CONTRACTOR SHALL VISIT AND EXAMINE THE SITE TO FULLY UNDERSTAND ALL THE CONDITIONS PERTAINING TO THE SCOPE OF WORK, UNDERSTAND DIFFICULTIES TO BE ENCOUNTERED AND MATERIALS REQUIRED FOR THE COMPLETE INSTALLATION OF THE WORK SHOWN ON THE DRAWINGS AND OR SPECIFIED AT NO ADDITIONAL COST TO THE OWNER. THE EXACT LOCATION, CONDITION, SIZE, AND RIM/INVERT ELEVATIONS OF THE EXISTING PIPING, EQUIPMENT, SERVICES, ETC. SHALL BE FIELD VERIFIED. CONTRACTOR SHALL MODIFY LAYOUT WITH THE APPROVAL OF THE ENGINEER WHERE REQUIRED TO CLEAR OBSTRUCTIONS AT NO ADDITIONAL COST TO THE OWNER.
18. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS AND MAKE ALL NECESSARY PROVISIONS FOR PROTECTION OF THE PUBLIC, THE WORKERS AND THE WORK, AND FOR MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION.
19. LOCATE, PROTECT, AND MAINTAIN BENCHMARKS, MONUMENTS, CONTROL POINTS AND PROJECT ENGINEERING REFERENCE POINTS.
20. COMPLY WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS REGARDING MATERIALS, METHODS OF WORK AND DISPOSAL OF EXCESS AND WASTE MATERIALS.
21. BURNING OF MATERIALS OF ANY DESCRIPTION ON THE SITE IS PROHIBITED.
22. PRIOR TO PERFORMING ANY EXCAVATION WITHIN THE CONSTRUCTION AREA, CONFIRM WITH DIG SAFELY NEW YORK AT 1-800-962-7962 THAT ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE CURRENTLY VERIFIED, OR ARRANGE FOR VERIFICATION.

UTILITIES NOTES:

1. EXISTING UTILITIES (PIPE/STRUCTURE LOCATIONS, SIZES, AND INVERT ELEVATIONS) SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM FIELD SURVEYS AND RECORDED MAPS AND SHALL BE INTERPRETED AS APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND FIELD VERIFYING ALL EXISTING INFORMATION AT ALL LOCATIONS IN CLOSE PROXIMITY TO THE UTILITIES AND WORK UNDER CONSTRUCTION. THIS INFORMATION INCLUDES BUT IS NOT LIMITED TO EXISTING PIPE AND STRUCTURE SIZES, PIPE AND STRUCTURE LOCATIONS, PIPE SLOPES, STRUCTURE RIM AND INVERT ELEVATIONS, PIPE MATERIALS AND PIPE CONDITIONS. THIS SHALL INCLUDE PIPE INVERTS, MATERIALS AND SIZES FOR UTILITIES CONNECTING TO DOWNSTREAM STRUCTURES. THIS VERIFICATION SHALL BE COMPLETED PRIOR TO THE COMMENCEMENT OF SHOP DRAWING SUBMITTALS, ORDERING OF MATERIALS, AND THE START OF ANY REMOVALS FOR THIS PROJECT. ANY PROPOSED MODIFICATIONS TO THE DESIGN SHALL BE SUBMITTED AS SHOP DRAWINGS INCLUDING BUT NOT LIMITED TO DESIGN DRAWINGS AND UTILITY PROFILES INCLUDING PIPE AND STRUCTURE LAYOUT, STRUCTURE RIM AND INVERT ELEVATIONS, AND PIPE SIZES, MATERIALS AND SLOPES.
2. THE OWNER'S REPRESENTATIVE SHALL REVIEW THE LAYOUT OF ALL PAVEMENTS, UTILITIES, AND PLANTINGS IN THE FIELD BEFORE INSTALLATION. THE CONTRACTOR SHALL SCHEDULE ADVANCED NOTIFICATION TO THE OWNER'S REPRESENTATIVE TO FACILITATE TIMELY REVIEW.
3. THE OWNER ONLY SHALL OPERATE EXISTING VALVES AND FIRE HYDRANTS, INCLUDING NEWLY INSTALLED VALVES AND FIRE HYDRANTS THAT HAVE BEEN PLACED INTO SERVICE. THE CONTRACTOR IS ADVISED THAT WATERTIGHT CONDITIONS MAY NOT EXIST WHEN EXISTING VALVES ARE CLOSED.
4. THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY EXCAVATION WORK WITHIN 10 FEET OF UTILITY POLES. THE CONTRACTOR SHALL INCLUDE THE COST OF TEMPORARY POLE SUPPORT IN THE APPROPRIATE BID ITEM. WHERE UTILITY POLES ARE REQUIRED TO BE SUPPORTED DURING CONSTRUCTION, THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE UTILITY COMPANY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND MAINTENANCE OF SURFACE WATER AND/OR GROUNDWATER ENCOUNTERED DURING THE COURSE OF WORK.
6. PRIOR TO START OF WORK, THE CONTRACTOR SHALL PROVIDE EXPLORATORY EXCAVATIONS AND COORDINATE ALL PIPING LAYOUTS WITH THE OWNER'S REPRESENTATIVE TO ELIMINATE ALL CONFLICTS WITH EXISTING UTILITIES.
7. THE USE OF EXPLOSIVES OF ANY DESCRIPTION ON THE SITE IS PROHIBITED.
8. CONSTRUCTION DEBRIS AND DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AT REGULAR INTERVALS AS DETERMINED BY THE OWNER'S REPRESENTATIVE AND SHALL NOT BE ALLOWED TO ACCUMULATE. EMPLOY APPROPRIATE MEASURES TO PREVENT LOOSE DEBRIS FROM LEAVING THE CONSTRUCTION AREA.
9. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE CAUSED BY CONSTRUCTION TO EXISTING UTILITIES AND FACILITIES WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. THE CONTRACTOR SHALL REPAIR, RESTORE AND/OR REPLACE ALL DAMAGE TO THE SATISFACTION OF UTILITY'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
10. PERFORM WORK AND PROVIDE ALL MATERIALS NECESSARY TO DISCONNECT OR RELOCATE EXISTING UTILITIES. COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SHUTOFF AND RECONNECTION OF ACTIVE SERVICES. RECORD EXISTING UTILITY TERMINATION POINTS BEFORE DISCONNECTION.
11. ADJUST THE RIM ELEVATIONS OF EXISTING UTILITY STRUCTURES SCHEDULED TO REMAIN WITH THE FINISHED GRADE ELEVATIONS.
12. THE CONTRACTOR SHALL MAINTAIN EXISTING SANITARY SEWER AND WATER SERVICES AT ALL TIMES, EXCEPT DURING APPROVED AND SCHEDULED INTERRUPTIONS. THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK SCHEDULE AND A DETAILED SANITARY SEWER BY-PASS PROCEDURE TO THE OWNER'S REPRESENTATIVE FOR APPROVAL. THE CONTRACTOR SHALL RESTORE GRAVITY SANITARY SEWER SERVICE AT THE END OF EACH WORKDAY. SHOULD THIS NOT BE POSSIBLE, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BY-PASS PUMPING OPERATIONS UNTIL NORMAL GRAVITY FLOWS CAN BE RE-ESTABLISHED AT NO ADDITIONAL COST TO THE OWNER.
13. ALL STRUCTURES SHALL MEET THE AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS (AASHTO) H20 LOADING REQUIREMENTS.
14. ALL NEW UTILITY LATERALS SHALL BE INSTALLED WITH A MINIMUM 1/4" PER FOOT SLOPE UNLESS OTHERWISE DIRECTED ON THE DRAWINGS OR IN TECHNICAL SPECIFICATIONS.
15. ALL CATCH BASIN GRATES SHALL INCLUDE THE LETTERING, "NO DUMPING".
16. ALL EXISTING DRAINAGE FACILITIES SHALL BE MAINTAINED FREE OF DEBRIS AND FOREIGN MATTER AND BE IN OPERATION THROUGHOUT CONSTRUCTION.
17. ALL PROPOSED WATER MAIN PIPING SHALL BE INSTALLED WITH A MINIMUM OF 5-FOOT OF COVER UNLESS OTHERWISE DIRECTED ON THE DRAWINGS OR IN TECHNICAL SPECIFICATIONS.
18. THE CONTRACTOR SHALL COORDINATE DIRECTLY WITH THE OWNER FOR THE WYE DIRECTION (UPSTREAM OR DOWNSTREAM), FOR STORM AND SANITARY SYSTEMS BASED ON THE OWNER'S INFRASTRUCTURE REQUIREMENTS.
19. DISTANCES SHOWN ON PIPING ARE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

EROSION & SEDIMENT CONTROL & POLLUTION PREVENTION NOTES

1. AVOID ANY DISTURBANCE OF EXISTING VEGETATION ON THE SITE EXCEPT THE VEGETATION SPECIFICALLY DESIGNATED TO BE REMOVED.
2. TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EROSION AND CONTROL SEDIMENTATION AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION.
3. TOP DRESS, SEED, AND MULCH OR SOD ALL LAWN AREAS DISTURBED BY THE CONSTRUCTION AS SOON AS THE FINISHED GRADING OPERATION IS COMPLETED.
4. MAINTAIN AN ADEQUATE SUPPLY OF EROSION AND SEDIMENT CONTROL MATERIALS AT THE CONSTRUCTION SITE AT ALL TIMES TO BE USED FOR URGENT SITUATIONS, SUCH AS UNEXPECTED HEAVY RAINFALL.
5. MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM AND FUEL TANK DRAIN DOWN, DEGREASING OPERATIONS AND OTHER ACTIVITIES THAT MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS MUST BE CONDUCTED OFF-SITE. ACCIDENTAL SPILLS MUST BE CLEANED UP IMMEDIATELY AND CONTAMINANTS DISPOSED OF PROPERLY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING SOIL AND EXCESS EXCAVATED EARTH STOCKPILES AT A STABLE LOCATION. STOCKPILES SHALL BE STABILIZED PER THE DETAIL.
7. CONSTRUCTION ROUTES SHALL BE STABILIZED PER THE NYS STANDARDS FOR EROSION AND SEDIMENT CONTROL, AS NECESSARY BASED ON SITE CONDITIONS.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT, DESIGN, APPROVAL, AND OPERATION OF THE CONCRETE WASHOUTS. THE CONCRETE WASHOUTS SHALL BE INSTALLED A MINIMUM OF 50' FROM STORM DRAINAGE OR SURFACE WATER. CONCRETE WASTE MATERIAL SHALL NOT BE ALLOWED TO ESCAPE FROM THE CONCRETE WASHOUT.
9. SOLID WASTE SHALL BE STORED IN COVERED DUMPSTERS OR OTHER APPROPRIATE CONTAINERS. WASTE IS TO BE DISPOSED OF REGULARLY AND PROPERLY IN ACCORDANCE WITH LOCAL, STATE, AND/OR FEDERAL REGULATIONS.
10. THE EROSION AND SEDIMENT CONTROLS ARE SHOWN FOR A CONDITION WHEN ALL WORK IS OCCURRING SIMULTANEOUSLY. ACTUAL INSTALLATIONS SHALL BE ADJUSTED BASED ON CURRENT CONSTRUCTION ACTIVITY AND SITE CONDITIONS.

DRAWING LIST

DWG No.	DRAWING NAME
CG-001	NOTES ABBREVIATIONS AND DRAWING LIST
C-100	EXISTING SITE CONDITIONS
C-101	SITE REMOVALS PLAN
C-102	SITE - PLAN
C-103	DRAINAGE - PLAN
C-201	EROSION AND SEDIMENTATION CONTROL PAN
C-601	EROSION CONTROL AND ASPHALT PAVEMENT DETAILS
C-602	CIVIL SITE DETAILS I
C-603	CIVIL SITE DETAILS II
C-604	NEW YORK D.O.T. PEDESTRIAN FACILITIES AND ADA DETAILS
CL-101	EXTERIOR LIGHTING - PLAN
CS-101	CAST IN PLACE CONCRETE RETAINING WALL GENERAL NOTES, DETAILS, PLAN AND SECTION

LEGEND:

- EC — EROSION CONTROL / SILT FENCE
- LOD — LIMIT OF DISTURBANCE
- STABILIZED CONSTRUCTION ENTRANCE
- EROSION CONTROL AT CATCH BASIN
- STABILIZED SOIL STOCKPILE
- D — D — HDPE STORM DRAIN PIPE
- 8.05 — SPOT ELEVATION
- CO — STORMWATER CLEANOUT
- 10 — PROPOSED MAJOR CONTOUR
- 9 — PROPOSED MINOR CONTOUR
- ADA PARKING PACE
- PAVED
- RETAINING WALL

ABBREVIATIONS

AL	ALUMINUM
ACT	ACTUAL
APPR	APPROXIMATE/ APPROXIMATELY
BC	BOTTOM OF CURB
BLDG	BUILDING
BM	BENCHMARK
BOS	BOTTOM OF SLOPE
BS	BOTTOM OF STAIR
BW	BOTTOM OF WALL
B&B	BALLED AND BURLAPPED
CAL	CALIPER
CB	CATCH BASIN
CF	CUBIC FEET
CI	CAST IRON
CIP	CAST IN PLACE
CIR	CIRCLE/CIRCULAR
CJ	CONTROL JOINT
CLF	CHAIN-LINK FENCE
CLL	CONTRACT LIMIT LINE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONT	CONTAINER
CONTR	CONTRACTOR
CY	CUBIC YARDS
DET	DETAIL
DIM	DIMENSION
DIA	DIAMETER
DMH	DROP MANHOLE
DWG	DRAWING
E	EAST
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
EQ	EQUAL
ES	END SECTION
EX	EXISTING
EXP	EXPANSION
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FIN	FINISH
FL	FLOOR
FTG	FOOTING
FT	FOOT/FEET
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GR	GUARDRAIL
GV	GAS VALVE
HOR	HORIZONTAL
HP	HIGH POINT
HT	HEIGHT
HW	HEAD WALL
HWY	HIGHWAY
HYD	HYDRANT
ID	INSIDE DIAMETER
IN	INCH/INCHES
INL	INLET
INV	INVERT
IP	IRON PIPE
JB	JUNCTION BOX
L	LENGTH/LONG
LA	LANDSCAPE ARCHITECT
LAT	LATITUDE
LF	LINEAR FEET
LFT	LEFT
LIN	LINEAR
LP	LOW POINT
M	METER
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MON	MONUMENT
N	NORTH
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
NUM	NUMBER
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OD	OUTSIDE DIAMETER
OP	OUTLET PROTECTION
PA	PLANTING AREA
PC	POINT OF CURVATURE
PL	PROPERTY LINE
PT	POINT OF TANGENT/ PERCOLATION TEST LOCATION
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
REINF	REINFORCING
REQD	REQUIRED
REV	REVISION
ROW	RIGHT OF WAY
RT	RIGHT
S	SOUTH
SAN	SANITARY
SECT	SECTION
SF	SQUARE FOOT
SG	SUB GRADE
SH	SHEET
SI	STORM INLET
SL	STREET LIGHT
SPEC	SPECIFICATIONS/ SPECIFIED
SQ	SQUARE
SS	STAINLESS STEEL
STA	STATION
STL	STEEL
SY	SQUARE YARD
T	TANGENT
TB	TEST BORING
TC	TOP OF CURB
TOS	TOP OF SLOPE
TS	TOP OF STAIR
TW	TOP OF WALL
TYP	TYPICAL
T&G	TONGUE AND GROOVE
UD	UNDERDRAIN
USGS	UNITED STATES GEOLOGICAL SURVEY
VAR	VARIES/VARIABLE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
W	WEST
WE	WATER ELEVATION
WL	WALK LIGHT
WV	WATER VALVE
WWM	WOVEN WIRE MESH
W/	WITH
W/O	WITHOUT
YD	YARD DRAIN
℄	CENTER LINE
±	PLUS OR MINUS
Δ	CHANGE IN VALUE
<	LESS THAN
>	GREATER THAN

J:\20098 Rockland Green\Cad\Working Drawings\animal shelter\Civil\20098_CG-001.dwg

ORIGINAL DRAWING SIZE: ARCH D (24" X 36")

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The following is paraphrased from the New York Education Law, Article 145, Section 7209, and Chapter II, Section 79-1.4, and applies to this drawing: "It is a violation of this law for any person unless he is acting under the direction of a licensed professional engineer, licensed landscape architect or licensed land surveyor to alter an item in any way. If an item bearing the seal of an engineer, landscape architect or land surveyor is altered, the altering engineer, landscape architect or land surveyor shall affix to the item his seal and the notation "altered by" followed by his signature and the date of such alteration and a specific description of the alteration".

STATE OF NEW YORK · MICHAEL E. TAMBLYN · 073737 · LICENSED PROFESSIONAL ENGINEER

CLIENT / SUBCONSULTANT:

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217 Montgomery Street, Suite 1100
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PROJECT TITLE:

RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **NOTES, ABBREVIATIONS, DRAWING LIST AND LEGEND**

CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

EDR JOB#: **20098**

DATE: **09/09/2024**

SCALE: **NOT TO SCALE**

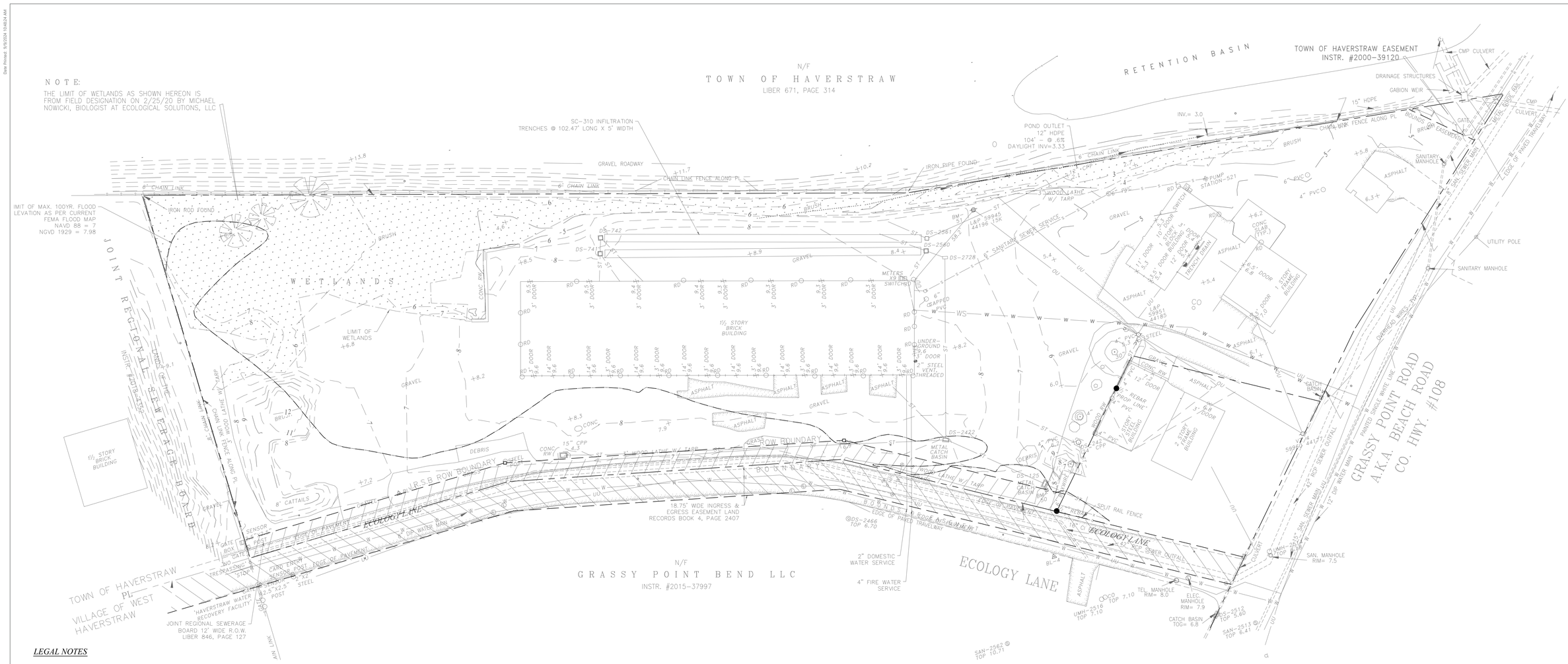
DRAWN BY: **JJO**

CHECKED BY: **JHH**

DRAWING NUMBER:

CG-001

Date Printed: 9/9/2024 10:48:24 AM



LEGAL NOTES

1. *THE TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS PREPARED BY HULBERT ENGINEERING AND LAND SURVEYING, DPC 33 LEWIS ROAD BINGHAMPTON, NY 13095.*
2. *ONLY BOUNDARY SURVEY MAPS WITH THE SURVEYOR'S EMBOSSED SEAL ARE GENUINE TRUE AND CORRECT COPIES OF THE SURVEYOR'S ORIGINAL WORK AND OPINION.*
3. *THE CERTIFICATION IS LIMITED TO PERSONS FOR WHOM THE BOUNDARY SURVEY MAP IS PREPARED.*
4. *THE CERTIFICATIONS HEREON ARE NOT TRANSFERABLE.*
5. *THE LOCATION OF UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE NOT ALWAYS KNOWN AND OFTEN MUST BE ESTIMATED. UNDER-GROUND IMPROVEMENTS OR ENCROACHMENTS ARE NOT COVERED BY THIS CERTIFICATE.*
6. *UNDERGROUND UTILITY LOCATIONS ARE NOT GUARANTEED, NOR IS THERE ANY GUARANTEE THAT ALL EXISTING UTILITIES WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA ARE SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BY CONTACTING DIG SAFELY, NEW YORK AT 1-800-962-7962, IN ACCORDANCE WITH 16 NYCRR PART 753, (ALSO CITED AS INDUSTRIAL CODE 53 OR CODE RULE 53) BEFORE STARTING WORK AND SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM HIS OR HER WORK. TICKET NO. 07244-000-735.*

ALL COORDINATES AND BEARINGS ARE BASED ON NEW YORK STATE PLANE EASTERN ZONE NAD83(CORS2011) NAVD88 US SURVEY FEET

FIELD SURVEY COMPLETED AUGUST 2, 2024

DS-125
TOP 6.76
SE 5.3 4" CPP
NW 3.4 12" CPP
SUMP 6.76

DS-242
TOP 8.36
S 3.0 6" PVC
SUMP -4.0

TRENCH_DRAIN-425
TOP 5.32
SUMP 4.8

DS-741
TOP 7.54
NE 2.5 15" CPP
SE 2.5 12" CPP
SW 2.8 12" RCP
SUMP 1.3

DS-742
TOP 6.88
SE 2.4 12" CPP
SW 2.5 15" CPP
SUMP 0.6

DS-2422
TOP 6.96
N 3.0 15" CSP
SE 3.2 12" CPP
NW 3.3 12" CPP
SUMP 3.2

DS-2560
TOP 8.49
SE 2.5 15" CPP
SW 2.8 12" RCP
NW 2.6 12" CPP
SUMP 1.3

DS-2561
TOP 7.85
E 2.6 12" CPP
NW 2.6 12" CPP
SUMP 0.7

DS-2728
TOP 7.10
S 2.8 12" CPP
NW 2.8 15" CPP
SUMP 2.7

PUMP STATION-521
TOP 5.75
ELEC. PUMP 0.5
ELBOW 2.4 2" PVC
ELEC. OUTLET BOX 2.8
W 1.4 6" PVC
SUMP -0.7

EXISTING SITE - PLAN

SCALE: 1" = 30'

BASELINE 3
1#2 REBAR W/CAP "BASELINE"
N: 867,076.236
E: 637,160.641

BASELINE 4
1#2 REBAR W/CAP "BASELINE"
N: 866,912.925
E: 637,545.061

BM-50
A ½" REBAR WITH A CAP 'BASELINE' SET IN CONCRETE ON THE EASTERLY EDGE OF THE GRAVEL PARKING LOT LOCATED 4.0 FEET SOUTHERLY OF A METAL CATCH BASIN (DS-125) AND 14.8 FEET NORTHWESTERLY OF A FOUND ½ INCH REBAR.

ELEVATION: 6.46

BM-51
A BENCH TIE ON THE SOUTH SIDE OF A UTILITY POLE (L&P 59945 44196 15K) ON THE NORTHERLY EDGE OF A GRAVEL PARKING LOT LOCATED 58.2 FEET NORTHEASTERLY FROM THE NORTHEAST CORNER OF A 1½ STORY BRICK BUILDING.

ELEVATION: 7.97

NOTE:
PROPERTY BOUNDARY AND EASEMENT INFORMATION TAKEN FROM FROM CORLESS AND ASSOCIATES, ENVIRONMENTAL ENGINEERS - LAND SURVEYORS 48 MICHAEL ROBERT CT. PEARL RIVER, NEW YORK 10965. PLAN DATED 6/07/2022 CALLED "EXISTING CONDITIONS PLAN FOR BEACH ROAD INDUSTRIAL, LLC.LOCATED IN TOWN OF HAVERSTRAW, ROCKLAND COUNTY, NY.

EXISTING LEGEND

●	MONUMENTATION FOUND (AS NOTED)	○	BUSH DECIDUOUS	AC	AIR CONDITIONING UNIT
△	BASELINE POINT	⊙	DECIDUOUS TREE (AS NOTED)	+	SPOT ELEVATION
⊡	BENCH MARK	⊙	UTILITY POLE		WATER HOSE HOOK-UP
58.2'	TIE LINE	>	GUY WIRE		FIRE HYDRANT
OU	OVERHEAD UTILITIES	E	ELECTRIC (AS NOTED)	⊗	WATER VALVE
UU	UNDERGROUND UTILITIES PAINT	E	ELECTRIC MANHOLE	+	PIPE INVERT
UU	UNDERGROUND UTILITIES PLANS	○	MISCELLANEOUS MANHOLE	CPP	CORRUGATED PLASTIC PIPE
W	WATER LINE PAINT	□	DRAINAGE STRUCTURE	PVC	POLYVINYL CHLORIDE PIPE
ST	STORM DRAINAGE LINE	▭	DRAINAGE STRUCTURE AT EP	RW	RETAINING WALL
	BRUSH LINE	○	DRAINAGE STRUCTURE	⊕	MISCELLANEOUS UTILITY
	FENCE LINE (AS NOTED)	◎	STORM DRAINAGE MANHOLE		
	GRAVEL OUTLINE	S	SANITARY MANHOLE		
	STONE-DIRT PILE	○CO	CLEANOUT		
	DRIP LINE	○	POST (AS NOTED)		
6 5 4	1' CONTOUR INTERVAL	○RD	ROOF DRAIN		
		◒	BOLLARD		

30 0 10 30 60
GRAPHIC SCALE (IN FEET)

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The following is paraphrased from the New York Education Law, Article 145, Section 7209, and Chapter II, Section 79-1.4, and applies to this drawing: "It is a violation of this law for any person unless he is acting under the direction of a licensed professional engineer, licensed landscape architect or licensed land surveyor to alter an item in any way. If an item bearing the seal of an engineer, landscape architect or land surveyor is altered, the altering engineer, landscape architect or land surveyor shall affix to the item his seal and the notation "altered by" followed by his signature and the date of such alteration and a specific description of the alteration".

STATE OF NEW YORK · MICHAEL E. TAMBLIN · 073737 · LICENSED PROFESSIONAL ENGINEER

CLIENT / SUBCONSULTANT:

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Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

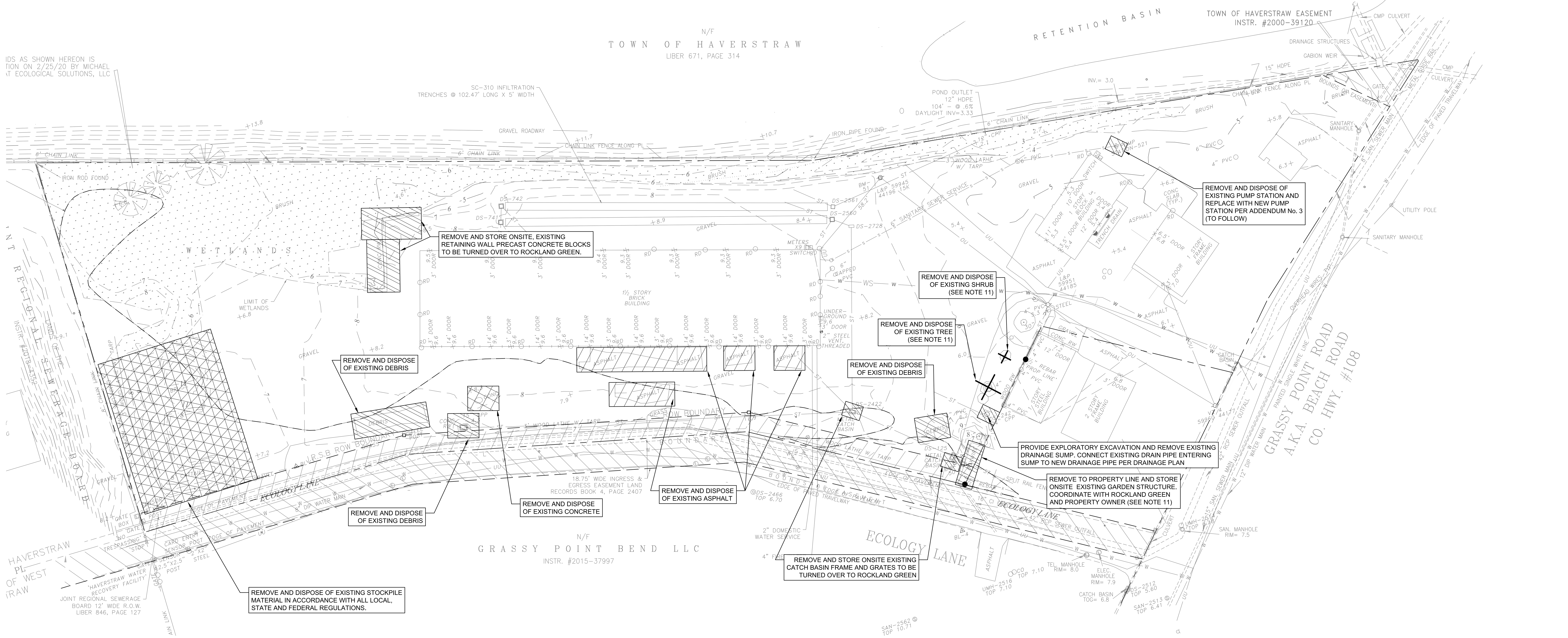
PROJECT LOCATION: **HAVERSTRAW, NEW YORK**
CLIENT: **ROCKLAND GREEN**
DRAWING TITLE: **EXISTING SITE PLAN**
CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

EDR JOB#: **20098**
DATE: **09/09/2024**
SCALE: **1" = 30'**
DRAWN BY: **JJO**
CHECKED BY: **JHH**
DRAWING NUMBER:
C-100

J:\20098 Rockland Green\Cad\Working Drawings\animal shelter\Cad\20098-C-100.dwg
ORIGINAL DRAWING SIZE: ARCH D (24" X 36")



SITE REMOVAL PLAN

SCALE: 1" = 30'

DEMOLITION PLAN NOTES

1. REFER TO GENERAL NOTES.
2. UNLESS INDICATED "REMOVE AND SALVAGE" OR "REMOVE AND REUSE," ALL ITEMS INDICATED "REMOVE" SHALL BE DEMOLISHED, HAULED OFF-SITE AND DISPOSED OF IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF ALL AGENCIES OF GOVERNMENT HAVING JURISDICTION.
3. EXERCISE ALL REASONABLE CARE IN REMOVING AND HANDLING EXISTING ON-SITE MATERIALS INDICATED FOR SALVAGE TO THE OWNER OR FOR REUSE ON THE SITE.
4. FLAG OR OTHERWISE MARK IN A NON-PERMANENT MANNER ALL TREES SHOWN FOR REMOVAL ADJACENT TO OR IN CLOSE PROXIMITY TO THE LIMITS OF WORK FOR REVIEW BY THE OWNER'S REPRESENTATIVE PRIOR TO ANY REMOVAL. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO ADJUST THE CLEARING LIMITS.
5. PERFORM WORK AND PROVIDE ALL MATERIALS NECESSARY TO DISCONNECT OR RELOCATE EXISTING UTILITIES. COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SHUTOFF AND RECONNECTION OF ACTIVE SERVICES. RECORD EXISTING UTILITY TERMINATION POINTS BEFORE DISCONNECTION.
6. WHERE EXISTING PAVEMENT IS TO BE REMOVED, SAW CUT THE PAVEMENT EDGE TO PROVIDE A TRUE, NEAT AND CLEAN EDGE AGAINST WHICH TO ABUT WORK OF THIS CONTRACT.
7. ALL ABANDONED PIPES ARE TO BE FILLED WITH CONTROLLED LOW STRENGTH CONCRETE.
8. THE CONTRACTOR IS PERMITTED TO SALVAGE ALL MATERIALS AND EQUIPMENT FROM THE DEMOLITION WORK EXCEPT FOR MATERIALS AND EQUIPMENT SHOWN OR SPECIFIED TO BE REMOVED AND DELIVERED TO AN ON-SITE LOCATION TO BE NAMED BY THE OWNERS REPRESENTATIVE.
9. ALL SALVAGED MATERIALS AND EQUIPMENT SHALL BE TAKEN OFF-SITE IMMEDIATELY UPON REMOVAL. NO ON-SITE STORAGE IS ALLOWED. NO RE-USE OF SALVAGED MATERIALS IS ALLOWED IN THIS CONTRACT. NO SALE OF SALVAGED ITEMS IS ALLOWED ON THE PROJECT SITE.
10. ROCKLAND GREEN ENCOURAGES RECYCLING OF ALL MATERIALS TO THE GREATEST EXTENT POSSIBLE. ASPHALT AND CONCRETE (A/C) DEBRIS SHALL BE LOADED AND HAULED TO THE CLARKSTOWN TRANSFER STATION IN WEST NYACK NY FOR PROCESSING AND REUSE. CONTRACTOR IS RESPONSIBLE FOR EXCAVATION, LOADING, AND HAULING OF ALL A/C TO THE TRANSFER STATION. MATERIAL SHALL BE WEIGHED AT THE TRANSFER STATION TRUCK SCALE AND ROCKLAND GREEN WILL WAIVE ALL TIP FEES. SPECIFIC REQUIREMENTS FOR A/C RECYCLING MAY BE FOUND ON ROCKLAND GREEN'S WEBSITE (WWW.ROCKLANDGREEN.COM)
11. ADVISE ROCKLAND GREEN PRIOR TO REMOVAL AND DISPOSAL OF NOTED TREE AND PLANTS. ROCKLAND GREEN WILL COORDINATE WITH ADJACENT PROPERTY OWNER TO DETERMINE IF THESE PLANTINGS WILL BE RELOCATED TO THE ADJACENT PROPERTY.

DEMOLITION LEGEND

SYMBOL	ITEM
	OWNER SHALL REMOVE PRIOR TO CONSTRUCTION
	REMOVE EXISTING CONCRETE PAVEMENT
	REMOVE EXISTING ASPHALT PAVEMENT
	REMOVE EXISTING SITE FEATURES AND SURFACE FEATURES
	REMOVE EXISTING CURB
	REMOVE EXISTING TREE OR SHRUB
	REMOVE EXISTING UTILITY LINE
	REMOVE EXISTING FENCE

EXISTING LEGEND

Symbol	Description	Symbol	Description
	MONUMENTATION FOUND (AS NOTED)	ST	STORM DRAINAGE LINE
	BASELINE POINT		BRUSH LINE
	BENCH MARK		FENCE LINE (AS NOTED)
58.2'	TIE LINE		GRAVEL OUTLINE
OU	OVERHEAD UTILITIES		STONE–DIRT PILE
UU	UNDERGROUND UTILITIES PAINT		DRIP LINE
UU	UNDERGROUND UTILITIES PLANS	6 5 4	1' CONTOUR INTERVAL
W	WATER LINE PAINT		POST (AS NOTED)
	BUSH DECIDUOUS	RD	ROOF DRAIN
	DECIDUOUS TREE (AS NOTED)		BOLLARD
	UTILITY POLE	AC	AIR CONDITIONING UNIT
	GUY WIRE		SPOT ELEVATION
E	ELECTRIC (AS NOTED)		WATER HOSE HOOK–UP
E	ELECTRIC MANHOLE		FIRE HYDRANT
	MISCELLANEOUS MANHOLE		WATER VALVE
	DRAINAGE STRUCTURE		PIPE INVERT
	DRAINAGE STRUCTURE AT EP	CPP	CORRUGATED PLASTIC PIPE
	DRAINAGE STRUCTURE	PVC	POLYVINYL CHLORIDE PIPE
D	STORM DRAINAGE MANHOLE	RW	RETAINING WALL
S	SANITARY MANHOLE		MISCELLANEOUS UTILITY
CO	CLEANOUT		

30 0 10 30 60

GRAPHIC SCALE (IN FEET)

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STATE OF NEW YORK · MICHAEL E. TAMBLIN · 073737 · LICENSED PROFESSIONAL ENGINEER

CLIENT / SUBCONSULTANT:

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P. 315.471.0688

PROJECT TITLE: **RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER**

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **SITE REMOVALS PLAN**

CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

EDR JOB#: **20098**
DATE: **09/09/2024**
SCALE: **1" = 30'**
DRAWN BY: **JJO**
CHECKED BY:
DRAWING NUMBER:

C-101

Date Printed: 9/9/2024 1:56:01 PM
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ORIGINAL DRAWING SIZE: ARCH D (24" X 36")

Date Printed: 9/9/2024 10:45:57 AM

NOTE:
THE LIMIT OF WETLANDS AS SHOWN HEREON IS FROM FIELD DESIGNATION ON 2/25/20 BY MICHAEL NOWICKI, BIOLOGIST AT ECOLOGICAL SOLUTIONS, LLC

N/F
TOWN OF HAVERSTRAW
LIBER 671, PAGE 314

TOWN OF HAVERSTRAW EASEMENT
INSTR. #2000-39120

RETENTION BASIN

DS-2728
TOP 7.10
S 2.8 12" CPP
NW 2.8 15" CPP
SUMP 2.7

DUMPSTER LOCATION

PAVED PARKING AREA
(2 SPACES)

CONCRETE CURBING

DRAINAGE STRUCTURES

GABION WEIR

POND OUTLET
12" HDPE
104' - @ .6%
DAYLIGHT INV=3.33

INV.= 4.0

15" HDPE

CHAIN LINK FENCE ALONG PL

SC-310 INFILTRATION
TRENCHES @ 102.47' LONG X 5' WIDTH

PROPOSED CONTOUR (TYP)

GRASSED AREA (TYP)

GRAVEL ROADWAY

IRON PIPE FOUND

CB-4

PUMP STATION-521

SANITARY MANHOLE

CONCRETE RETAINING WALL
T.O.W.10.5'

REMOVE AND REPLACE
EXISTING CONC.
RETAINING WALL SEE
DWG CS-101

LIMIT OF WETLANDS'

W E T L A N D S

ADA PARKING SIGN

PAVED PARKING AREA
10 SPACES TOTAL - 2 ADA

CONCRETE CURB (TYP)

LIMIT OF WETLANDS

LIMIT OF MAX. 100YR. FLOOD
ELEVATION AS PER CURRENT
FEMA FLOOD MAP
NAVD 88 = 7
NGVD 1929 = 7.98

JOINT REGIONAL SEWERAGE BOARD 12" WIDE R.O.W. LIBER 846, PAGE 127

DEBRI TO BE MOVED BY OWNER

1½ STORY BRICK BUILDING

1½ STORY BRICK BUILDING

PAVED PARKING AREA
(4 SPACES TOTAL - 2 ADA)

ADA PARKING SIGN

DMH-1

DMH-3

DMH-2

EXCB DS-2422

ADA WALKWAY (SEE
DETAIL DWG C-602)

PAVED PARKING AREA
(10 SPACES TOTAL)

CB-3

STRIPING

CONCRETE CURB (TYP)

100 YR FLOOD ZONE BOUNDARY

ASPHALT PAVEMENT

RESET RIM TO EL 7.9

RESET RIM TO EL 6.8

EXCB DS-125

PAVED PARKING AREA
9 SPACES

CB-2

CB-1

CONCRETE CURBING (TYP)

ADA WALKWAY (SEE
DETAIL DWG C-602)

CONCRETE CURBING

N/F
GRASSY POINT BEND LLC
INSTR. #2015-37997

18.75' WIDE INGRESS &
EGRESS EASEMENT LAND
RECORDS BOOK 4, PAGE 2407

2" DOMESTIC
WATER SERVICE

4" FIRE WATER
SERVICE

DS-2422
TOP 6.96
N 3.0 15" CSP
SE 3.2 12" CPP
NW 3.3 12" CPP
SUMP 3.2

DS-125
TOP 6.76
SE 5.3 4" CPP
NW 3.4 12" CPP
SUMP 6.76

SAN-2562
TOP 10.71

ECOLOGY LANE

TOWN OF HAVERSTRAW
VILLAGE OF WEST
HAVERSTRAW

"HAVERSTRAW WATER
RECOVERY FACILITY"

GRASSY POINT ROAD
A.K.A. BEACH ROAD
CO. HWY. #108

SAN. MANHOLE
RIM= 7.5

SAN-2513
TOP 6.41

SAN-2512
TOP 5.80

UMH-2516
TOP 7.10

CATCH BASIN
TOG= 6.8

TEL. MANHOLE
RIM= 8.0

ELEC.
MANHOLE
RIM= 7.9

SITE - PLAN
SCALE: 1" = 30'

SCALE 1" = 40'

30 0 10 30 60

GRAPHIC SCALE (IN FEET)

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217 Montgomery Street, Suite 1100
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PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **SITE PLAN**

CONTRACT NO.

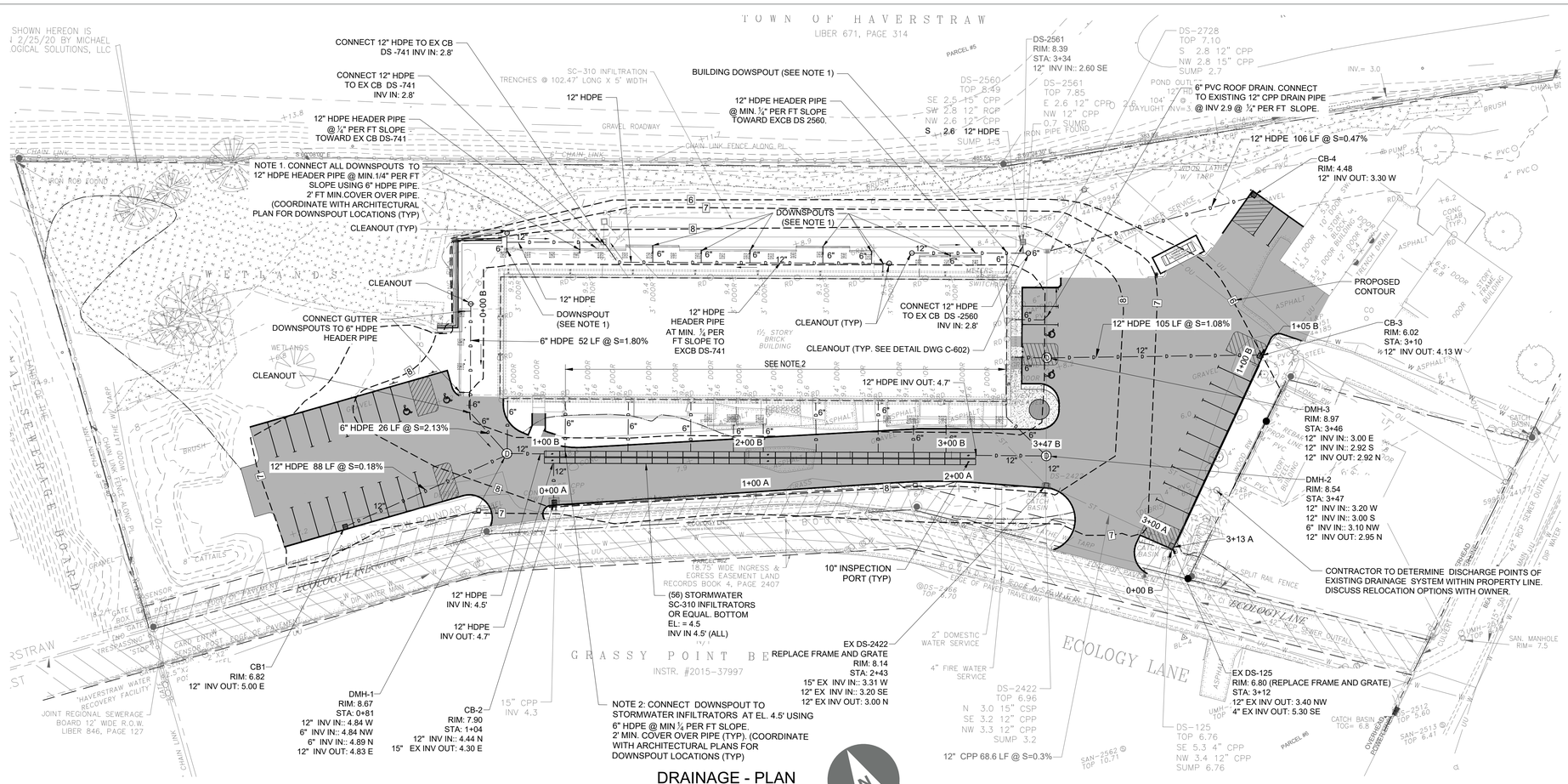
DRAWINGS ISSUED FOR / REVISIONS

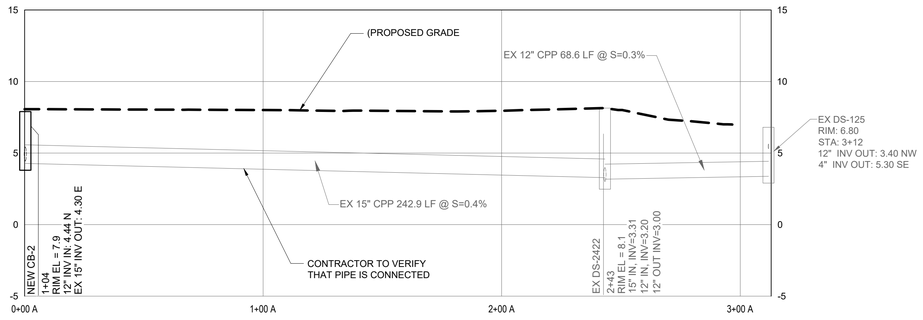
NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

EDR JOB#: **20098**
DATE: **09/09/2024**
SCALE: **1" = 30'**
DRAWN BY: **JJO**
CHECKED BY: **JHH**
DRAWING NUMBER:
C-102

ORIGINAL DRAWING SIZE: ARCH D (24" X 36")

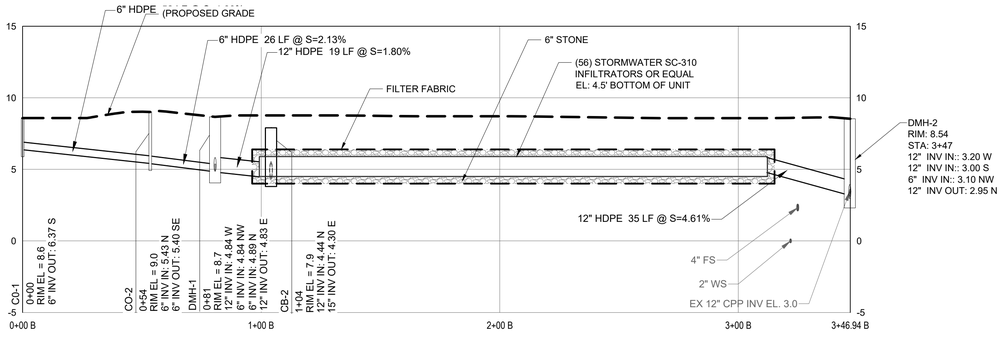
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ALIGN A - PROFILE

SCALE: 1" = 30' HORIZONTAL
1" = 5' VERTICAL



ALIGN B - PROFILE

SCALE: 1" = 30' HORIZONTAL
1" = 5' VERTICAL

SCALE 1" = 30'

30 0 10 30 60
GRAPHIC SCALE (IN FEET)

5 0 5 10
GRAPHIC SCALE (IN FEET)

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PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**
CLIENT: **ROCKLAND GREEN**
DRAWING TITLE: **DRAINAGE PLAN**
CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

EDR JOB#: **20098**
DATE: **09/09/2024**
SCALE: **1" = 30'**
DRAWN BY: **JJO**
CHECKED BY: **JHH**
DRAWING NUMBER:
C-103

Date Printed: 9/9/2024 11:07:23 AM
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ORIGINAL DRAWING SIZE: ARCH D (24" X 36")

Date Printed: 9/9/2024 10:54:10 AM

LIMIT OF DISTURBANCE=1.94 ACRES

EROSION CONTROL / SILTFENCE (SEE DETAIL DWG C-601)

EROSION CONTROL @ CATCH BASIN (TYP)

DUMPSTER STORAGE AREA

NOTE:
THE LIMIT OF WETLANDS AS SHOWN HEREON IS FROM FIELD DESIGNATION ON 2/25/20 BY MICHAEL NOWICKI, BIOLOGIST AT ECOLOGICAL SOLUTIONS, LLC

N/F
TOWN OF HAVERSTRAW
LIBER 671, PAGE 314

TOWN OF HAVERSTRAW EASEMENT
INSTR. #2000-39120

RETENTION BASIN

SC-310 INFILTRATION TRENCHES @ 102.47' LONG X 5' WIDTH

POND OUTLET
12" HDPE
104' - @ .6%
DAYLIGHT INV=3.33

PARCEL #11

PARCEL #5

GRAVEL ROADWAY

CHAIN LINK FENCE ALONG PL

IRON PIPE FOUND

IRON ROD FOUND

AX. 100YR. FLOOD AS PER CURRENT FEMA FLOOD MAP NAVD 88 = 7 GVD 1929 = 7.98

JOINT REGIONAL SEWERAGE BOARD

LANDS OF THE INSTR. #2018-4352

W E T L A N D S

LIMIT OF WETLANDS

1½ STORY BRICK BUILDING

1 STORY FRAME BUILDING

2 STORY FRAME BUILDING

ASPHALT

GRAVEL

CONC

BRUSH

LOD

SF

MATERIAL STOCKPILE / SNOW STORAGE AREA

8' CATTAILS

U.R.S.B. ROW BOUNDARY

ECOLOGY LANE

18.75' WIDE INGRESS & EGRESS EASEMENT LAND RECORDS BOOK 4, PAGE 2407

N/F
GRASSY POINT BEND LLC
INSTR. #2015-37997

TOWN OF HAVERSTRAW
VILLAGE OF WEST HAVERSTRAW

"HAVERSTRAW WATER RECOVERY FACILITY"

JOINT REGIONAL SEWERAGE BOARD 12' WIDE R.O.W. LIBER 846, PAGE 127

8' CHAIN LINK

STABALIZED CONSTRUCTION ENTRANCE

2" DOMESTIC WATER SERVICE

4" FIRE WATER SERVICE

STABALIZED CONSTRUCTION ENTRANCE

EROSION CONTROL AT CATCH BASIN (TYP)

SPLIT RAIL FENCE

GRASSY POINT ROAD
A.K.A. BEACH ROAD
CO. HWY. #108

DRAINAGE STRUCTURES

GABION WEIR

15" HDPE

SANITARY MANHOLE

BEACH ROAD

SANITARY

6" SANITARY SEWER SERVICE

PUMP STATION-521

OVERHEAD POWER LINE

42" RCP SEWER OUTFALL

12" DIP WATER MAIN

PAINTED SINGLE WHITE LINE

SAN. MANHOLE RIM= 7.5

TEL. MANHOLE RIM= 8.0

ELEC. MANHOLE RIM= 7.9

CATCH BASIN TOG= 6.8

SAN-2512 TOP 5.60

SAN-2513 TOP 6.41

SAN-2562 TOP 10.71

UMH-2516 TOP 7.10

OCB TOP 7.10

EROSION CONTROL- PLAN
SCALE: 1" = 30'

GRAPHIC SCALE (IN FEET)
30 0 10 30 60

LEGAL NOTES

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Landscape Architecture, Engineering & Environmental Services, D.P.C.
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PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **EROSION AND SEDIMENTION CONTROL PLAN**

CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

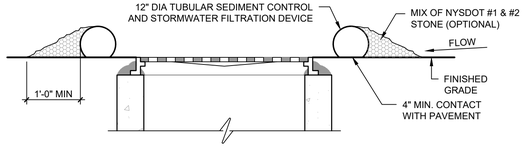
EDR JOB#: **20098**
DATE: **09/09/2024**
SCALE: **NOT TO SCALE**
DRAWN BY: **JJO**
CHECKED BY: **JHH**
DRAWING NUMBER:
C-201

ORIGINAL DRAWING SIZE: ARCH D (24" X 36")
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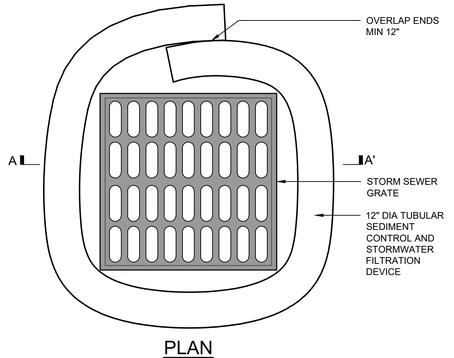
Date Printed: 9/9/2024 10:56:02 AM

NOTES:

1. AVOID ANY DISTURBANCE OF EXISTING VEGETATION ON THE SITE EXCEPT THE VEGETATION SPECIFICALLY DESIGNATED TO BE REMOVED.
2. DISTURBED AREAS SHALL BE AS SMALL AS PRACTICAL, AND SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED.
3. TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EROSION AND CONTROL SEDIMENTATION AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION.
4. THE START OF ANY ON-SITE CONSTRUCTION INCLUDING STRIPPING TOPSOIL, REMOVING CUT OR PLACING FILL MATERIAL ESTABLISHES THAT THE CONTRACTOR ACCEPTS THE CONTRACT DOCUMENTS AS ACCURATELY REPRESENTING THE EXISTING SITE CONDITIONS.
5. ALL FACILITIES TO BE CONSTRUCTED OR INSTALLED SHALL COMPLY WITH ALL SECTIONS AND LATEST REVISIONS OF THE REQUIREMENTS OF ALL AGENCIES OF GOVERNMENT HAVING JURISDICTION.
6. TOP DRESS, SEED AND MULCH ALL LAWN AREAS DISTURBED BY THE CONSTRUCTION AS SOON AS THE FINISHED GRADING OPERATION IS COMPLETED.
7. ADJUST THE RIM ELEVATIONS OF EXISTING UTILITY STRUCTURES SCHEDULED TO REMAIN TO BE FLUSH WITH THE FINISHED GRADE ELEVATIONS.
8. MAINTAIN AN ADEQUATE SUPPLY OF EROSION AND SEDIMENT CONTROL MATERIALS AT THE CONSTRUCTION SITE AT ALL TIMES TO BE USED FOR URGENT SITUATIONS, SUCH AS UNEXPECTED HEAVY RAINFALL.
9. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING SOIL AND EXCESS EXCAVATED EARTH STOCK PILES AT A STABLE LOCATION. STOCK PILES SHALL BE STABILIZED PER THE DETAIL.
10. CONSTRUCTION ROUTES SHALL BE STABILIZED PER THE NYS STANDARDS FOR EROSION AND SEDIMENT CONTROL, AS NECESSARY BASED ON SITE CONDITIONS.
11. THE EROSION AND SEDIMENT CONTROLS ARE SHOWN FOR A CONDITION WHEN ALL WORK IS OCCURRING SIMULTANEOUSLY. ACTUAL INSTALLATIONS SHALL BE ADJUSTED BASED ON CURRENT CONSTRUCTION ACTIVITY AND SITE CONDITIONS.
12. EROSION CONTROL MEASURES INCLUDING BUT NOT LIMITED TO A STABILIZED CONSTRUCTION ENTRANCE, STABILIZED CONSTRUCTION STAGING AREA AND SILT FENCE SHALL BE THE FIRST ITEMS CONSTRUCTED WHEN SITE WORK BEGINS, AND MUST BE COMPLETELY FUNCTIONAL BEFORE DOWN SLOPE LAND DISTURBANCE BEGINS.
13. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND OPERATED IN ACCORDANCE WITH THEIR DESIGN. ANY NEED FOR REPAIRS OR MAINTENANCE SHALL BE ADDRESSED IMMEDIATELY TO ASSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION THROUGHOUT THE CONSTRUCTION PROCESS.
14. MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM AND FUEL TANK DRAIN DOWN, DEGREASING OPERATIONS AND OTHER ACTIVITIES THAT MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS MUST BE CONDUCTED OFF-SITE. ACCIDENTAL SPILLS MUST BE CLEANED UP IMMEDIATELY AND CONTAMINANTS DISPOSED OF PROPERLY.
15. THE CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING TO PROVIDE DUST CONTROL DURING CONSTRUCTION.
16. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL PRACTICES, AS SHOWN ON THE DETAIL SHEETS, AS NECESSARY DURING THE COURSE OF CONSTRUCTION AT NO COST TO THE OWNER.
17. THE CONTRACTOR SHALL INSTALL AND MAINTAIN STABILIZED CONSTRUCTION ENTRANCE TO PREVENT THE TRANSPORT OF SEDIMENT ONTO PUBLIC ROADS AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
18. IF SEDIMENT IS TRANSPORTED ONTO ROADS, IT MUST BE REMOVED FROM THE ROAD SURFACE ON A DAILY BASIS AND PRIOR TO RAIN EVENTS. SEDIMENT SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTAMINATION OF STORMWATER AND SURFACE WATER.
19. VEGETATION SHALL BE PROTECTED OUTSIDE OF THE LIMITS OF DISTURBANCE.
20. ALL EXISTING TOPSOIL SHALL BE STOCKPILED TO COMPLETE THE FINISH GRADING OF ALL EXPOSED AREAS FOR THE ESTABLISHMENT OF VEGETATION.
21. IF MEASURES ARE NEEDED, THE CONTRACTOR IS RESPONSIBLE FOR THE PLACEMENT, DESIGN, APPROVAL, AND OPERATION OF THE CONCRETE WASHOUTS. THE CONCRETE WASHOUTS SHALL BE INSTALLED A MINIMUM OF 50' FROM STORM DRAINAGE OR SURFACE WATER. CONCRETE WASTE MATERIAL SHALL NOT BE ALLOWED TO ESCAPE FROM THE CONCRETE WASHOUT.
22. FOR INSTALLED SEDIMENT CONTROL PRACTICES, REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS WHEN THE ACCUMULATION HAS REACHED A DEPTH OF 25% OF THE HEIGHT AND/OR VOLUME OF THE PRACTICE'S CAPACITY, OR MORE FREQUENTLY AS REQUIRED BY THE DETAILS.
23. THE CONTRACTOR SHALL PROVIDE PORTABLE HANDWASHING AND SANITARY FACILITIES, THESE FACILITIES SHALL BE SERVICED REGULARLY BY AN APPROVED SERVICE PROVIDER.
24. SOLID WASTE SHALL BE STORED IN COVERED DUMPSTERS OR OTHER APPROPRIATE CONTAINERS. WASTE IS TO BE DISPOSED OF REGULARLY AND PROPERLY IN ACCORDANCE WITH LOCAL, STATE, AND/OR FEDERAL REGULATIONS.
25. DURING ROUGH GRADING, LEAVE SLOPE SURFACES SLIGHTLY ROUGHENED TO A DEPTH OF 1-2 INCHES - DO NOT BACK BLADE SLOPES.



SECTION A-A'



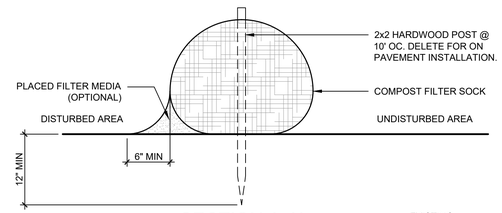
PLAN

NOTES:

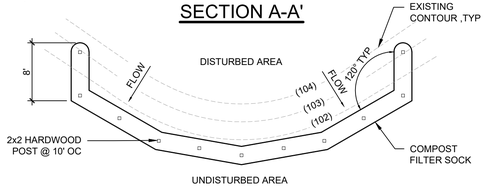
1. TUBLAR SEDIMENT CONTROL AND STORMWATER FILTRATION DEVICE SHALL BE FILTREXX FILTERSOXX, OR EQUIVALENT.
2. REPLACE AND DISPOSE OF PER MANUFACTURERS SPECIFICATIONS.
3. MAXIMUM CONTRIBUTING DRAINAGE AREA SHALL BE 1.0 ACRES.

INLET PROTECTION

NOT TO SCALE



SECTION A-A'



PLAN

NOTE:

1. COMPOST FILTER SOCKS SHALL BE PLACED ON THE CONTOUR WITH BOTH TERMINAL ENDS OF THE SOCK EXTENDED 8 FEET UPSLOPE AT A 45° ANGLE TO PREVENT BYPASS FLOW.
2. DIAMETERS DESIGNED FOR USE SHALL BE 12"-32".
3. THE FLAT DIMENSION OF THE SOCK SHALL BE AT LEAST 1.5 TIMES THE NOMINAL DIAMETER.
4. THE MAXIMUM SLOPE LENGTH (IN FEET) ABOVE A COMPOST FILTER SOCK SHALL NOT EXCEED THE FOLLOWING LIMITS:
5. THE COMPOST INFILL SHALL BE WELL DECOMPOSED (MATURED AT LEAST 3 MONTHS), WEED-FREE, ORGANIC MATTER. IT SHALL BE AEROBICALLY COMPOSTED, POSSESS NO OBJECTIONABLE ODORS, AND CONTAIN LESS THAN 1%, BY DRY WEIGHT, OF MAN-MADE FOREIGN MATTER. THE PHYSICAL PARAMETERS OF THE COMPOST SHALL MEET THE STANDARDS LISTED IN TABLE 5.2-COMPOST FILTER MEDIA STANDARDS TABLE*. NOTE ALL BIOSOLIDS COMPOST PRODUCED IN NEW YORK STATE (OR APPROVED FOR IMPORTATION) MUST MEET NYS DEC'S 6 NYCRR PART 360 (SOLIDS WASTE MANAGEMENT FACILITIES) REQUIREMENTS. THE PART 360 REQUIREMENTS ARE EQUAL TO OR MORE STRINGENT THAN 40 CFR PART 503 WHICH ENSURE SAFE STANDARDS FOR PATHOGEN REDUCTION AND HEAVY METALS CONTENT. WHEN USING COMPOST FILTER SOCKS ADJACENT TO SURFACE WATER, THE COMPOST SHOULD HAVE A LOW NUTRIENT VALUE.
6. THE COMPOST FILTER SOCK FABRIC MATERIAL SHALL MEET THE MINIMUM SPECIFICATIONS GIVEN IN TABLE 5.3-COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS TABLE*.
7. COMPOST FILTER SOCKS SHALL BE ANCHORED IN EARTH WITH 2X2 WOODEN STAKES DRIVEN 12" INTO THE SOIL ON 10 FOOT CENTER ON THE CENTERLINE OF THE SOCK. ON UNEVEN TERRAIN, EFFECTIVE GROUND CONTACT CAN BE ENHANCED BY THE PLACEMENT OF A FILLET OR FILTER MEDIA ON THE DISTURBED AREA SIDE OF THE COMPOST SOCK.
8. ALL SPECIFIC CONSTRUCTION DETAILS AND MATERIAL SPECIFICATIONS SHALL APPEAR ON THE EROSION AND SEDIMENT CONTROL CONSTRUCTIONS DRAWINGS WHEN COMPOST FILTER SOCKS ARE INCLUDED IN THE PLAN.

*TABLE FROM THE 2016 NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

TABLE 1 - MAXIMUM SLOPE LENGTH ABOVE COMPOST FILTER SOCK (FEET)

DIA (IN)	SLOPE %						
	2	5	10	20	25	33	50
8	225	200	100	5	20	-	-
12	250	225	125	65	50	40	25
18	275	250	150	70	55	45	30
24	350	275	200	130	100	60	35
32	450	325	275	150	120	75	50

TABLE 2 - COMPOST FILTER MEDIA STANDARDS

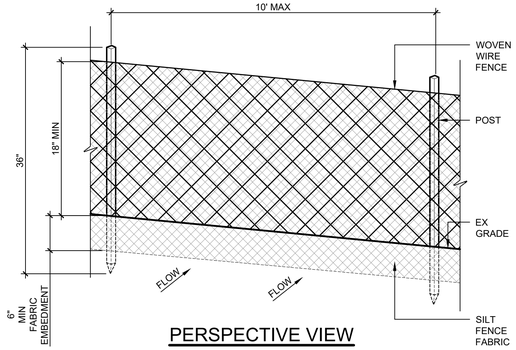
ORGANIC MATTER CONTENT	25% - 100% DRY WEIGHT
ORGANIC PORTION	FIBROUS AND ELONGATED
pH	6.0 - 8.0
MOISTURE CONTENT	30% - 60%
PARTICLE SIZE	100% PASSING A 1" SCREEN AND 10-50% PASSING A 3/8" SCREEN
SOLUBLE SALT CONCENTRATION	5.0 dS/m (mmhos/cm) MAXIMUM

TABLE 3 - COMPOST SOCK FABRIC MINIMUM SPECIFICATIONS

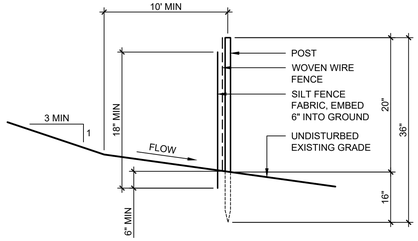
MATERIAL TYPE	3 MIL HDPE	5 MIL HDPE	5 MIL HDPE	MILTI-FILAMENT POLYPROPYLENE	HEAVY DUTY MILTI-FILAMENT POLYPROPYLENE
MATERIAL CHARACTERISTICS	PHOTODEGRAD-ABLE	PHOTODEGRAD-ABLE	BIODEGRAD-ABLE	PHOTODEGRAD-ABLE	PHOTODEGRAD-ABLE
SOCK DIAMETERS	12", 18"	12", 18", 24", 32"	12", 18", 24", 32"	12", 18", 24", 32"	12", 18", 24", 32"
MESH OPENING	3/8"	3/8"	3/8"	3/8"	1/8"
TENSILE STRENGTH		26 PSI	26 PSI	44 PSI	202 PSI
ULTRAVIOLET STABILITY % ORIGINAL STRENGTH (ASTM G-155)	23% AT 1000 HR.	23% AT 1000 HR.		100% AT 1000 HR.	100% AT 1000 HR.
MINIMUM FUNCTIONAL LONGEVITY	6 MONTHS	9 MONTHS	6 MONTHS	1 YEAR	2 YEARS

COMPOST FILTER SOCK

NOT TO SCALE



PERSPECTIVE VIEW



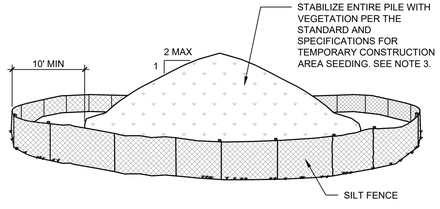
SECTION A-A'

NOTES:

1. WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE EITHER STEEL "T" OR 'U' TYPE, OR HARDWOOD.
2. SILT FENCE FABRIC SHALL BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WOVEN WIRE FENCE SHALL BE MINIMUM 14 GAUGE, WITH MAXIMUM 6" MESH SPACING.
4. WHEN TWO SECTIONS OF SILT FENCE FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED. FILTER CLOTH SHALL BE MIRAFI 100X OR APPROVED EQUAL.
5. PREFABRICATED UNITS SHALL MEET THE MINIMUM REQUIREMENTS SHOWN.
6. MAINTENANCE SHALL BE PERFORMED IMMEDIATELY AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

REINFORCED SILT FENCE

NOT TO SCALE

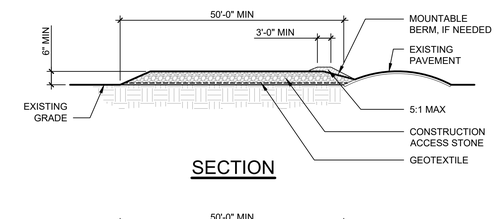


NOTES:

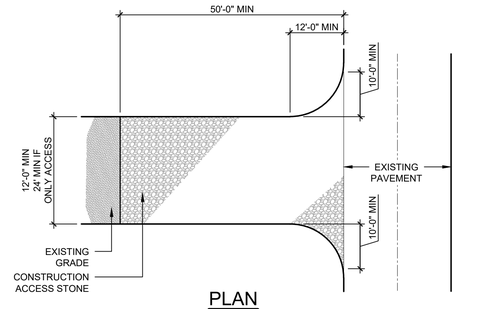
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY, STABILIZED AND LOCATED AWAY FROM KNOWN WORK AREAS TO PREVENT RELOCATION.
2. MAXIMUM STOCKPILE HEIGHT SHALL BE 12 FEET.
3. EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, INSTALLED PER SILT FENCE DETAIL, THEN STABILIZED IN ACCORDANCE WITH THE NYSDEC STANDARD AND SPECIFICATIONS FOR TEMPORARY CONSTRUCTION AREA SEEDING WITHIN 7 DAYS OF COMPLETION.
4. A PERIMETER DIKE/SWALE SHALL BE LOCATED UP-SLOPE OF THE TOPSOIL STOCKPILE TO DIVERT STORMWATER AROUND THE STOCKPILE.

STABILIZED SOIL STOCKPLIE

Scale: NTS TEMPORARY



SECTION



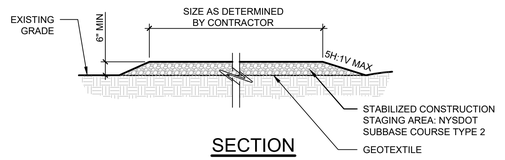
PLAN

NOTES:

1. CONSTRUCTION ACCESS STONE SIZE - USE A 50% TO 50% MIX OF NYSDOT #4 AND #5 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. GEOTEXTILE:
   2.A. MIRAFI 500X OR APPROVED EQUAL.
   2.B. SHALL BE PLACED UNDER THE ENTIRE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO PLACING OF STONE.
3. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED ACROSS THE STABILIZED CONSTRUCTION ACCESS. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM SHALL BE USED.
4. MAINTENANCE - THE CONSTRUCTION ACCESS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
5. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ACCESS ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO A NYSDEC APPROVED SEDIMENT TRAPPING DEVICE.
6. TRAINED CONTRACTOR SHALL PROVIDE DAILY INSPECTIONS.

STABILIZED CONSTRUCTION ACCESS

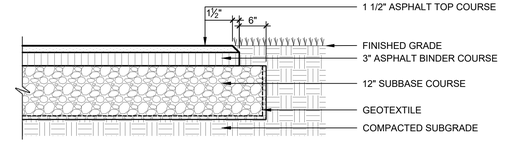
Scale: NTS TEMPORARY



SECTION

STABILIZED CONST STAGING AREA

Scale: NTS TEMPORARY



ASPHALT - PAVEMENT

Scale: NTS

ORIGINAL DRAWING SIZE: ARCH D (24" X 36")
J:\20098 Rockland Green\Cad\Working Drawings\animal shelter\Civil\20098_C-601.dwg

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STATE OF NEW YORK · MICHAEL E. TAMOLIN · 073737 · LICENSED PROFESSIONAL ENGINEER

CLIENT / SUBCONSULTANT:

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PROJECT TITLE:

RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **EROSION CONTROL AND ASPHALT PAVEMENT DETAILS**

CONTRACT NO.

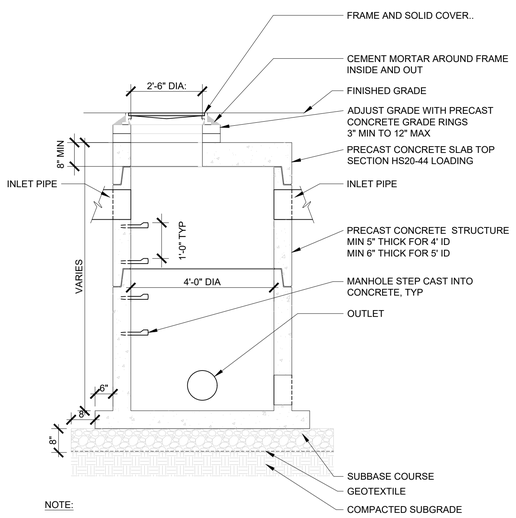
DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

EDR JOB#: **20098**
DATE: **09/09/2024**
SCALE: **NOT TO SCALE**
DRAWN BY: **JJO**
CHECKED BY: **JHH**
DRAWING NUMBER:

C-601

Date Printed: 9/9/2024 10:23:26 AM

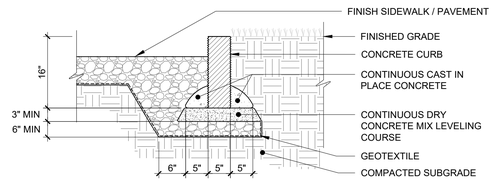


NOTE:

1. SEE PLAN FOR PIPE SIZES AND INVERT ELEVATIONS

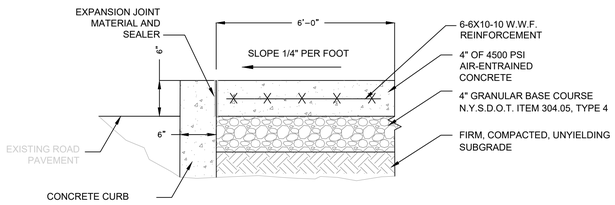
STORM - MANHOLE

Scale: NTS WITH TOP SLAB



CONCRETE CURB - FLUSH

Scale: NTS

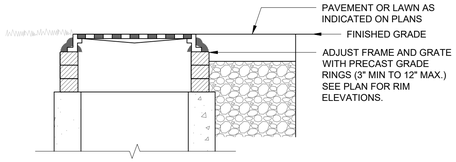


FLUSH CONCRETE CURB / SIDEWALK DETAIL

Scale: NTS

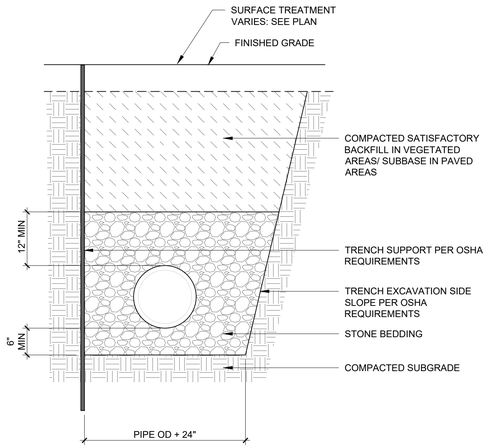
NOTES:

1. INSTALL 1/2" PRE-MOLDED EXPANSION JOINT FILLER AT 24' O.C. MAX. AND AGAINST CONCRETE CURBS, BUILDINGS AND OTHER STRUCTURES.



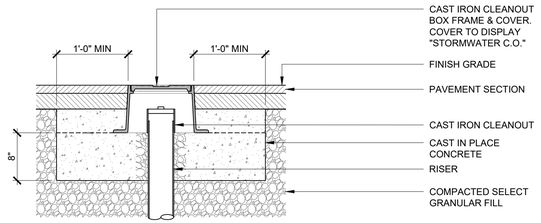
ADJUST STORM/SANITARY FRAME ELEV

Scale: NTS

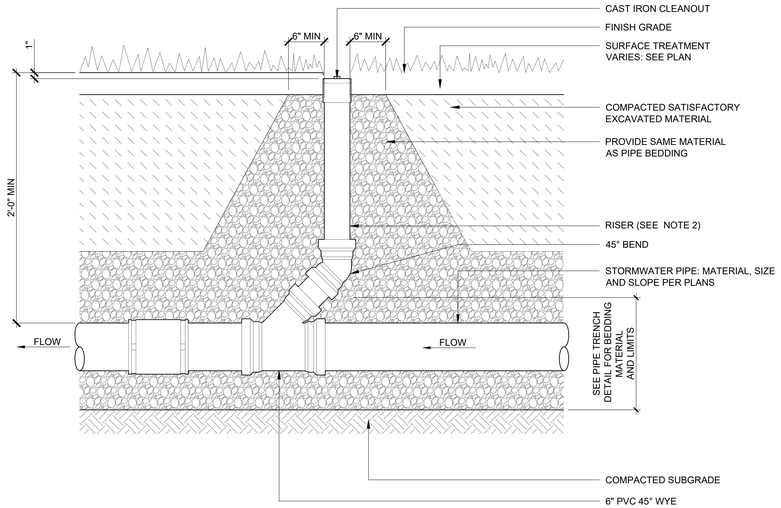


STORMPIPE TRENCH

Scale: NTS WITH STONE BEDDING



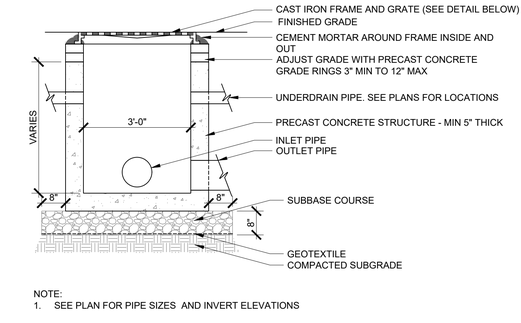
SECTION @ PAVED AREA



SIDE VIEW/SECTION @ LAWN AREA

STORM/SANITARY CLEANOUT

Scale: NTS

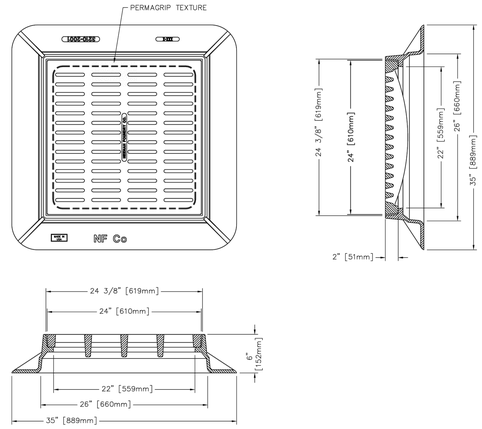


NOTE:

1. SEE PLAN FOR PIPE SIZES AND INVERT ELEVATIONS

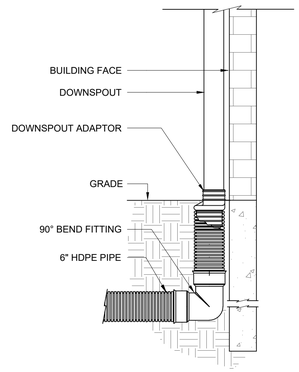
STORM - CATCH BASIN DETAIL

Scale: NTS



STORM - NEENAH FOUNDARY R-3210 -Q CATCH BASIN

Scale: NTS FRAME AND TYPE Q GRATE



STORM - DOWNSPOUT CONNECTION

Scale: NTS COMMERCIAL

ORIGINAL DRAWING SIZE: ARCH D (24" X 36")
J:\20098 Rockland Green\Cad\Working Drawings\Animal shelter\CIVIL\20098-C-602.dwg
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STATE OF NEW YORK · MICHAEL E. TAMBURIN · 073737 · LICENSED PROFESSIONAL ENGINEER

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P. 315.471.0688

PROJECT TITLE:

RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **CIVIL SITE DETAILS I**

CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

EDR JOB#: **20098**

DATE: **09/09/2024**

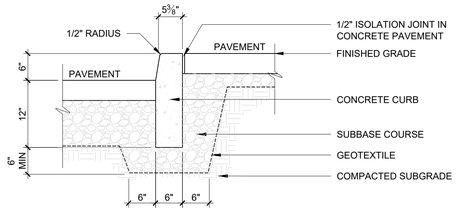
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DRAWN BY: **JJO**

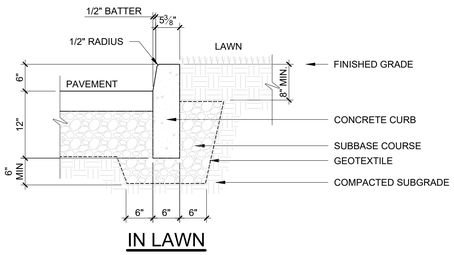
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DRAWING NUMBER:

C-602



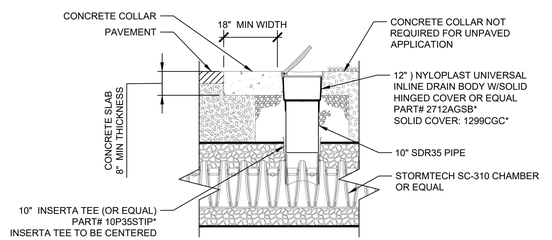
IN PAVEMENT



IN LAWN

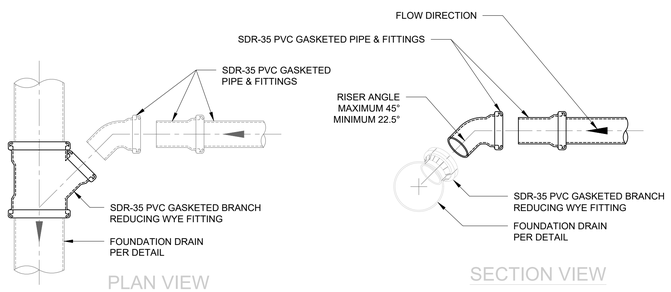
CONCRETE - CURB

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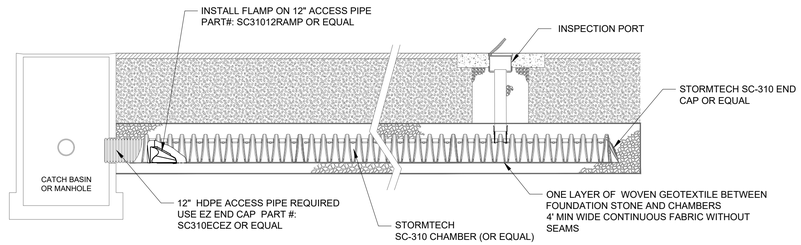
10" SC-310 (OR EQUAL) INSPECTION PORT DETAIL

Scale: NTS



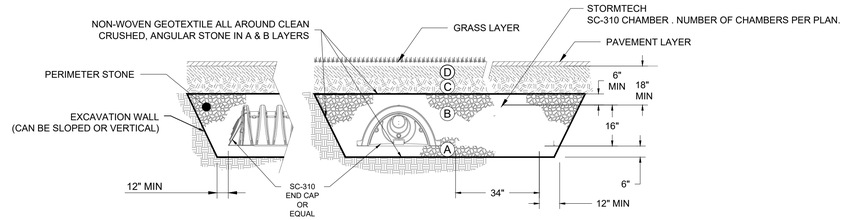
STORM LATERAL

Scale: NTS WYE CONNECTION



STORMTECH SC-310 (OR EQUAL) ISOLATOR ROW

Scale: NTS



STORMTECH SC-310 (OR EQUAL) SECTION VIEW

Scale: NTS

ACCEPTABLE FILL MATERIALS:

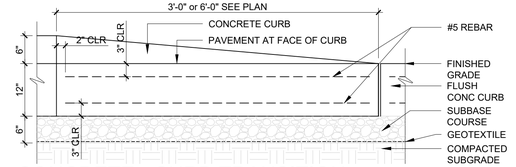
	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN), DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[5]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2,3]

NOTE:

1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' .

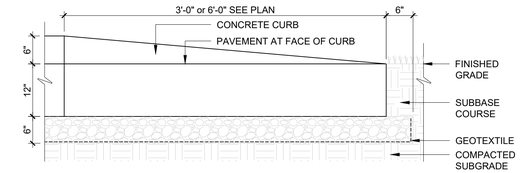
1. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS.
   STORMTECH RECOMMENDS 3 BACKFILL METHODS:
   - STONESHOOTER LOCATED OFF THE CHAMBER BED.
   - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
   - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
5. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4-2"
6. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
7. THE USE OF CONSTRUCTION EQUIPMENT OVER SC-310 & SC-740 CHAMBERS IS LIMITED:
   - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
   - NO RUBBER TIRED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED.
3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD.



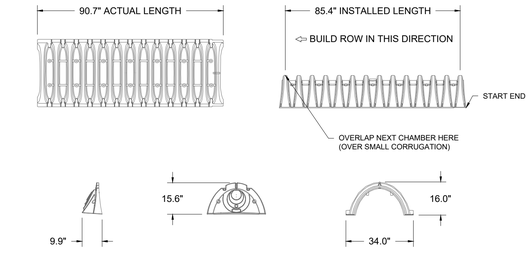
CONCRETE - CURB TRANSITION

Scale: NTS



CONCRETE CURB - END

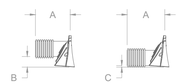
Scale: NTS



NOMINAL CHAMBER SPECIFICATIONS

SIZE (W X H X INSTALLED LENGTH)	34.0" X 16.0" X 85.4"
CHAMBER STORAGE	14.7 CUBIC FEET
MINIMUM INSTALLED STORAGE*	31.0 CUBIC FEET
WEIGHT	35.0 lbs.

*ASSUMES 6"ABOVE, BELOW, AND BETWEEN CHAMBERS



PRE-FAB STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PRE-FAB STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
PRE CORED END CAPS END WITH "PC"

PART #	STUB	A	B	C
SC310EPE06T / SC310EPE06TPC	6"	9.6"	5.8"	---
SC310EPE06B / SC310EPE06BPC			---	0.5"
SC310ECEZ*	12"	13.5"	---	0.9"

ALL STUBS, EXCEPT FOR THE SC310ECEZ OR EQUAL ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP.

* FOR THE SC310ECEZ OR EQUAL THE 12" STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 0.25" . BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL

TECHNICAL SPECIFICATIONS

Scale: NTS

Date Printed: 9/9/2024 10:58:53 AM
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ORIGINAL DRAWING SIZE: ARCH D (24" X 36")

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The following is paraphrased from the New York Education Law, Article 145, Section 7209, and Chapter II, Section 79-1.4, and applies to this drawing: "It is a violation of this law for any person unless he is acting under the direction of a licensed professional engineer, licensed landscape architect or licensed land surveyor to alter an item in any way. If an item bearing the seal of an engineer, landscape architect or land surveyor is altered, the altering engineer, landscape architect or land surveyor shall affix to the item his seal and the notation "altered by" followed by his signature and the date of such alteration and a specific description of the alteration".

STATE OF NEW YORK · MICHAEL E. TAMBINI · 073737 · LICENSED PROFESSIONAL ENGINEER

CLIENT / SUBCONSULTANT:

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Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1100
Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE:

RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

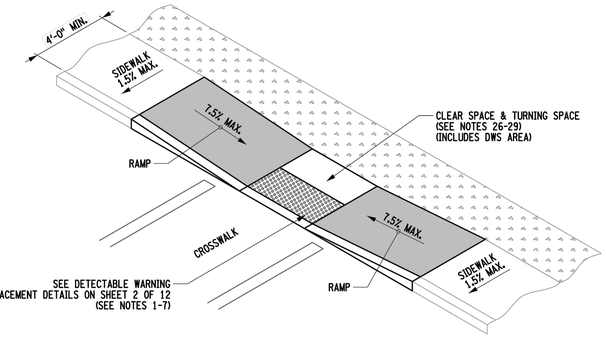
DRAWING TITLE: **CIVIL SITE DETAILS II**

CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

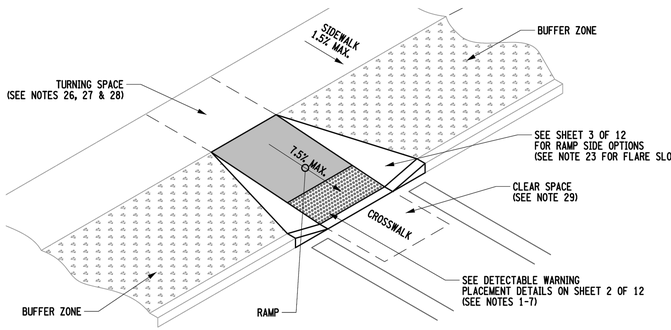
EDR JOB#: **20098**
DATE: **09/09/2024**
SCALE: **NOT TO SCALE**
DRAWN BY: **JJO**
CHECKED BY: **JHH**
DRAWING NUMBER:
C-603



CURB RAMP CONFIGURATION: TYPE 9 MID BLOCK CROSSING OR T INTERSECTION

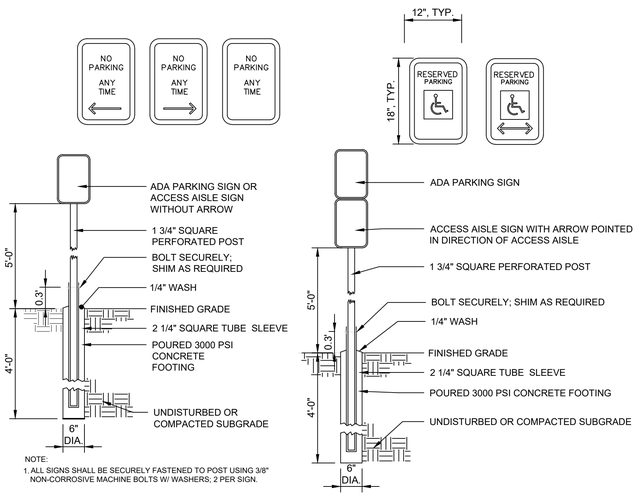
CURB RAMP CONFIGURATION -TYPE 9

Scale: NTS NYS DOT



CURB RAMP CONFIGURATION -TYPE 11

Scale: NTS NYS DOT



NOTE:
1. ALL SIGNS SHALL BE SECURELY FASTENED TO POST USING 3/8" NON-CORROSIVE MACHINE BOLTS W/ WASHERS; 2 PER SIGN.

ADA PARKING SIGNS

Scale: NTS

GENERAL NOTES:

1. THESE SHEETS ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA), AND THE REQUIREMENTS OF THE 2013 PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT OF WAY (PROWAG).
2. THE DIMENSIONS SHOWN IN THE DETAILS AS MINIMUMS AND MAXIMUMS ARE THE LIMITS FOR DESIGN AND FIELD LAYOUT. FOR WORK ACCEPTANCE VALUES SEE "CRITICAL ELEMENTS FOR THE DESIGN, LAYOUT, AND ACCEPTANCE OF PEDESTRIAN FACILITIES" ON SHEET 11 OF 12 AND SHEET 12 OF 12.
   A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL ELEVATIONS AND DIMENSIONS TO ENSURE THAT THE FINAL LAYOUT OF PEDESTRIAN FACILITIES MEETS ADA REQUIREMENTS. ANY SURVEY WORK NECESSARY TO MEET THESE REQUIREMENTS SHALL BE PAID FOR UNDER ITEM 625.01 - SURVEY OPERATIONS. A CONTRACT CONTROL PLAN IS NOT NECESSARY FOR WORK LIMITED TO SIDEWALKS AND CURB RAMPS.
3. FACILITIES THAT CANNOT BE CONSTRUCTED TO MEET THE DESIGN STANDARDS, DUE TO DESIGN CONSTRAINTS, SHALL BE CONSTRUCTED TO MEET THE STANDARDS TO THE GREATEST EXTENT PRACTICABLE. FEATURES THAT CANNOT MEET THE VALUES FOR WORK ACCEPTANCE SHALL BE JUSTIFIED AS NONSTANDARD PER HIGHWAY DESIGN MANUAL CHAPTER 2.
4. TO CHECK FIELD LAYOUT AND TO VERIFY WORK ACCEPTANCE, ALL MEASUREMENTS SHALL BE MADE IN ACCORDANCE WITH THE "NOTES ON INSPECTION METHODS (MEASUREMENT)" ON SHEET 11 OF 12.
5. JOINTS BETWEEN SIDEWALKS, CURB RAMPS, TURNING SPACES AND ROADWAYS SHALL BE FLUSH AND FREE FROM ABRUPT VERTICAL CHANGES GREATER THAN ¼". VERTICAL SURFACE DISCONTINUITIES BETWEEN ¼" AND ½" SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. THE BEVEL SHALL BE APPLIED ACROSS THE ENTIRE JOINT. SEE "VERTICAL SURFACE DISCONTINUITIES" DETAIL ON SHEET 2 OF 12.
6. SIDEWALKS ARE CONNECTED TO ROADWAYS BY BLENDED TRANSITIONS OR CURB RAMPS. BLENDED TRANSITIONS ARE CONNECTIONS BETWEEN THE SIDEWALK LEVEL AND THE ROADWAY LEVEL THAT HAVE A MAXIMUM GRADE (RUNNING SLOPE) OF 5%. CONNECTIONS WITH A MAXIMUM GRADE (RUNNING SLOPE) GREATER THAN 5% ARE CONSIDERED CURB RAMPS.
7. CURB RAMPS AND BLENDED TRANSITIONS MAY REQUIRE THE INSTALLATION OF DETECTABLE WARNINGS. SEE ADDITIONAL "DETECTABLE WARNING NOTES" AND THE DETAILS ON DIMENSIONS AND ORIENTATION ON SHEET 2 OF 12.
8. GRADE BREAKS WITHIN THE PEDESTRIAN ACCESS ROUTE SHOULD BE PERPENDICULAR TO THE DIRECTION OF TRAVEL AND SHALL NOT BE ROUNDED. VERTICAL ALIGNMENT SHALL BE GENERALLY PLANAR.
9. MATERIAL DEPTHS SHOWN ON THESE SHEETS ARE TYPICAL MINIMUM VALUES AND MAY BE DIFFERENT IN THE CONTRACT DOCUMENTS.
10. SIDEWALK GRADE (RUNNING SLOPE) SHALL NOT EXCEED 4.5% FOR DESIGN AND LAYOUT OR 5% FOR WORK ACCEPTANCE, EXCEPT WHEN MATCHING INTO EXISTING SIDEWALK OR WHEN THE ADJACENT HIGHWAY GRADE IS STEEPER THAN 5%. WHEN THE ADJACENT HIGHWAY GRADE IS GREATER THAN 5%, THE SIDEWALK GRADE SHALL NOT EXCEED THE HIGHWAY GRADE.
11. THE CROSS SLOPE OF PEDESTRIAN ACCESS ROUTES SHALL BE 1.5% MAXIMUM FOR DESIGN AND LAYOUT, AND 2% MAXIMUM FOR WORK ACCEPTANCE. THE FOLLOWING EXCEPTIONS ARE ALLOWED:
   A. WHERE PEDESTRIAN STREET CROSSINGS ARE PROVIDED AT INTERSECTIONS WHERE THERE IS NO YIELD OR STOP SIGN, OR WHERE THERE IS A TRAFFIC SIGNAL THAT IS DESIGNED FOR THE GREEN PHASE, THE CROSS SLOPE OF A PEDESTRIAN ACCESS ROUTE CONTAINED WITHIN A STREET CROSSING (CROSSWALK) SHALL BE 4.5% MAXIMUM FOR DESIGN AND LAYOUT, AND 5% MAXIMUM FOR WORK ACCEPTANCE.
   B. WHERE MIDBLOCK PEDESTRIAN STREET CROSSINGS ARE PROVIDED, THE CROSS SLOPE OF A PEDESTRIAN ACCESS ROUTE CONTAINED WITHIN A MIDBLOCK STREET CROSSING SHALL BE PERMITTED TO EQUAL THE STREET OR HIGHWAY GRADE.
12. THE MINIMUM CLEAR WIDTH FOR PEDESTRIAN ACCESS ROUTES IS 4'-0". EXCLUSIVE OF THE CURB. THE DEPARTMENT'S PREFERRED CLEAR WIDTH IS 5'-0". WHEN WALKWAY WIDTHS ARE LESS THAN 5'-0", 5'-0" x 5'-0" PASSING SPACES (SHOWN IN DETAIL A OR B ON THIS SHEET), OR A FEATURE OF EQUAL OR GREATER DIMENSIONS THAT MEETS THE SLOPE AND SURFACE CRITERIA, SHALL BE PROVIDED AT A MAXIMUM INTERVAL OF 200'. EXISTING DRIVEWAYS AND STREET CROSSINGS MAY SERVE AS PASSING SPACES, PROVIDED THEY MEET SLOPE AND SURFACE REQUIREMENTS FOR A PEDESTRIAN ACCESS ROUTE.
13. THE BUFFER ZONE IS A PHYSICAL DISTANCE SEPARATING THE PEDESTRIAN ACCESS ROUTE FROM THE VEHICLE TRAVELED WAY. THE BUFFER ZONE MAY BE PLANTED OR PAVED. WHERE THE BUFFER ZONE WIDTH, EXCLUSIVE OF CURB, IS LESS THAN 3'-0", THE SURFACE SHOULD BE PAVED OR CONSTRUCTED WITH HARDSCAPE MATERIALS.
14. THE MAXIMUM RECOMMENDED CROSS SLOPE OF A TURF BUFFER ZONE OR SLOPE TRANSITION BEHIND SIDEWALK IS 25%. BUFFER ZONES WITH A CROSS SLOPE GREATER THAN 25% SHOULD BE PAVED, PLANTED OR CONSTRUCTED WITH HARDSCAPE MATERIALS.
15. WHEN CROSSING DRIVEWAYS, THE WORK SHALL BE IN CONFORMANCE WITH STANDARD SHEET 608-03.
16. FOR PEDESTRIAN SIGNALS AND PEDESTRIAN PUSH BUTTONS, REFER TO SHEET 12 OF 12 AND STANDARD SHEET 680-10 FOR DETAILS.
17. WHERE EXISTING ROADWAYS ARE SAWCUT TO INSTALL CURBING AND/OR SIDEWALK, THE ROADWAY SHOULD BE SAWCUT AT LEAST 2'-0" FROM THE PROPOSED CURB LINE TO ALLOW FOR ADEQUATE COMPACTION OF ASPHALT. IF THE SAWCUT IS LESS THAN 2'-0" FROM THE PROPOSED CURB LINE, THE ROADWAY SHALL BE REBUILT USING CLASS A, C, OR D CONCRETE. SEE DETAILS ON SHEET 9 OF 12.

CURB RAMP NOTES:

18. THE MINIMUM CLEAR WIDTH OF A CURB RAMP SHALL BE 4'-0". THE DEPARTMENT'S PREFERRED CLEAR WIDTH IS 5'-0".
19. THE MAXIMUM GRADE (RUNNING SLOPE) FOR DESIGN AND LAYOUT OF A CURB RAMP SHALL BE 7.5%. THE GRADE FOR WORK ACCEPTANCE SHALL BE A MAXIMUM OF 8.3%.
20. WHERE THE TERRAIN DOES NOT ALLOW CONSTRUCTION OF A CURB RAMP WITH A GRADE (RUNNING SLOPE) OF 8.3% OR LESS WITHIN 15'-0", THE RAMP LENGTH SHALL NOT BE REQUIRED TO EXCEED 15'-1" FOR DESIGN AND LAYOUT OR 15'-0" FOR WORK ACCEPTANCE.
21. THE CROSS SLOPE OF THE CURB RAMP SHALL BE AS FLAT AS POSSIBLE AND STILL PROVIDE POSITIVE DRAINAGE. THE CROSS SLOPE OF A CURB RAMP SHALL BE 1.5% MAXIMUM FOR DESIGN AND LAYOUT, AND 2% MAXIMUM FOR WORK ACCEPTANCE. THE FOLLOWING EXCEPTIONS ARE ALLOWED:
   A. WHERE PEDESTRIAN STREET CROSSINGS ARE PROVIDED AT INTERSECTIONS WHERE THERE IS NO YIELD OR STOP SIGN, OR WHERE THERE IS A TRAFFIC SIGNAL THAT IS DESIGNED FOR THE GREEN PHASE, AND AT MIDBLOCK CROSSINGS, THE CROSS SLOPE OF THE CURB RAMP SHALL BE PERMITTED TO EQUAL THE STREET OR HIGHWAY GRADE.
22. WHERE THE EXISTING ROADWAY GRADE EXCEEDS THE MAXIMUM ALLOWABLE CROSS SLOPE FOR A CURB RAMP, AND CANNOT BE CORRECTED WITHIN THE SCOPE OF THE PROJECT, THE RAMP SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE "CURB RAMP CROSS SLOPE TRANSITION" DETAIL ON SHEET 8 OF 12. THE RAMP MAY NEED TO BE JUSTIFIED AS A NONSTANDARD FEATURE. SEE NOTE 3 ON THIS SHEET.
23. RAMP SIDE OPTIONS ARE DETAILED ON SHEET 3 OF 12. WHERE A PEDESTRIAN CIRCULATION PATH CROSSES THE CURB RAMP, FLARED SIDES SHALL BE INSTALLED WITH A MAXIMUM SLOPE OF 9.5% FOR DESIGN AND LAYOUT, AND 10% MAXIMUM FOR WORK ACCEPTANCE. A PEDESTRIAN CIRCULATION PATH IS ASSUMED TO CROSS THE CURB RAMP WHEN AREA ADJACENT TO THE RAMP IS PAVED AND FREE OF VERTICAL OBSTRUCTIONS THAT WOULD PREVENT PEDESTRIAN PASSAGE. THERE IS NO MAXIMUM FLARE SLOPE FOR A RAMP THAT IS NOT CROSSED BY A PEDESTRIAN CIRCULATION PATH.
24. THE BACK SIDE OF A PARALLEL RAMP SHOULD BE GRADED TO A MAXIMUM SLOPE OF 25% TO MATCH EXISTING TERRAIN, UNLESS OTHERWISE SHOWN IN THE CONTRACT DOCUMENTS. WHERE GRADING IS NOT FEASIBLE DUE TO LIMITED ROW OR PHYSICAL CONSTRAINTS, A BACK CURB MAY BE INSTALLED. SEE DETAILS ON SHEET 3 OF 12 AND SHEET 9 OF 12.
25. THE DEPARTMENT'S PREFERENCE IS TO INSTALL TWO SEPARATE CURB RAMPS AT A STREET CORNER THAT SERVES TWO SEPARATE PEDESTRIAN CROSSINGS, WITH EACH RAMP ALIGNED TO THE CROSSING THAT IT SERVES. WHERE EXISTING PHYSICAL CONSTRAINTS PREVENT SEPARATE RAMPS, A SINGLE CURB RAMP (I.E., A DIAGONAL CURB RAMP) IS PERMITTED TO SERVE BOTH PEDESTRIAN CROSSINGS.

TURNING SPACE AND CLEAR SPACE NOTES:

26. WHERE A CHANGE IN DIRECTION IS REQUIRED TO UTILIZE A CURB RAMP, A TURNING SPACE SHALL BE PROVIDED AT THE BASE OR THE TOP OF CURB RAMP, AS APPLICABLE. TURNING SPACES SHALL BE PERMITTED TO OVERLAP CLEAR SPACES.
27. WHERE THERE ARE NO VERTICAL CONSTRAINTS AT THE BACK OF SIDEWALK, (E.G., VERTICAL CURBS, BUILDINGS, FENCES) THE TURNING SPACE DIMENSIONS SHALL BE 4'-0" x 4'-0" MINIMUM. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK OF SIDEWALK, THE TURNING SPACE SHALL BE 4'-0" X 5'-0" MINIMUM. THE 5'-0" DIMENSION SHALL BE IN THE DIRECTION OF THE RAMP RUN.
28. TURNING SPACES SHALL NOT BE DESIGNED WITH A SLOPE GREATER THAN 1.5% IN ANY DIRECTION, WHILE PROVIDING POSITIVE DRAINAGE. THE MAXIMUM SLOPE FOR WORK ACCEPTANCE IS 2.0%.THE FOLLOWING EXCEPTIONS ARE ALLOWED:
   A. WHERE PEDESTRIAN STREET CROSSINGS ARE PROVIDED AT INTERSECTIONS WHERE THERE IS NO YIELD OR STOP SIGN, OR WHERE THERE IS A TRAFFIC SIGNAL THAT IS DESIGNED FOR THE GREEN PHASE, AND AT MIDBLOCK CROSSINGS, THE CROSS SLOPE OF THE TURNING SPACE SHALL BE PERMITTED TO EQUAL THE STREET OR HIGHWAY GRADE. WHEN A RAMP EXISTS BETWEEN THE TURNING SPACE AND THE CURB, THE CROSS SLOPE OF THE TURNING SPACE SHOULD BE LESS STEEP THAN THE ROADWAY GRADE AND AS FLAT AS PRACTICABLE WHENEVER POSSIBLE.
29. BELOW THE BOTTOM GRADE BREAK OF A CURB RAMP, A CLEAR SPACE OF 4'-0" x 4'-0" MINIMUM SHALL BE PROVIDED WITHIN THE WIDTH OF THE PEDESTRIAN CROSSWALK, AND OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE. THE CLEAR SPACE MAY OVERLAP TURNING SPACES, DETECTABLE WARNING SURFACES, AND DROP CURBS.

DETECTABLE WARNING NOTES:

1. DETECTABLE WARNING SURFACES (DWS) SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS ON PEDESTRIAN ACCESS ROUTES:
   A. CURB RAMPS AND BLENDED TRANSITIONS AT PEDESTRIAN STREET CROSSINGS.
   B. PEDESTRIAN REFUGE ISLANDS (WHERE THE LENGTH OF THE PEDESTRIAN ACCESS ROUTE ACROSS THE REFUGE ISLAND IS GREATER THAN OR EQUAL TO 6').
   C. PEDESTRIAN AT-GRADE RAIL CROSSINGS NOT LOCATED WITHIN A STREET OR HIGHWAY.
2. DETECTABLE WARNING SURFACES SHALL BE PROVIDED WHERE THE PESESTRIAN ACCESS ROUTE CROSSES DRIVEWAYS WITH SIGNAL, YIELD OR STOP CONTROL. DETECTABLE WARNING SURFACES SHALL NOT BE PROVIDED AT CROSSINGS OF UNCONTROLLED DRIVEWAYS.
3. WITH THE EXCEPTION OF THE "DETECTABLE WARNING SURFACE TRUNCATED DOME DETAILS" DETECTABLE WARNING DOMES ON THIS SHEET ARE NOT DEPICTED TO SCALE.
4. DETECTABLE WARNING FIELDS SHALL EXTEND 24" MINIMUM IN THE DIRECTION OF PEDTRIAN TRAVEL ACROSS THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE, EXCLUDING ANY FLARED SIDES.
5. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. BORDERS CANNOT BE INCLUDED AS PART OF THE 24" MINIMUM DIMENSION DESCRIBED IN NOTE 4.
   A. WHEN PLACED AT THE BACK OF CURB, DETECTABLE WARNING FIELDS SHOULD BE PLACED AS CLOSE TO THE BACK OF CURB AS PRACTICABLE. BOTH FRONT CORNERS OF THE DETECTABLE WARNING FIELD SHALL NOT BE LOCATED MORE THAN 2" FROM THE BACK OF CURB. WHERE THE BACK OF THE CURB EDGE IS TOOLED TO PROVIDE A RADIUS, THE BORDER DIMENSION SHALL BE MEASURED FROM THE INSIDE EDGE OF THE CURB RADIUS. WHERE CURB IS NOT USED, THE EDGE OF PAVEMENT SHALL BE SUBSTITUTED FOR THE BACK OF CURB FOR PLACEMENT OF DETECTABLE WARNINGS.
   B. WHEN PLACED ABOVE THE LOWER GRADE BREAK OF A CURB RAMP, DETECTABLE WARNING UNITS SHOULD BE PLACED AS CLOSE TO THE JOINT AS PRACTICABLE. BOTH FRONT CORNERS OF RECTILINEAR DETECTABLE WARNING FIELDS SHALL NOT BE LOCATED MORE THAN 2" FROM THE JOINT.
   C. WHEN RADIAL DWS UNITS ARE PLACED AT THE BACK OF CURB, THE FRONT EDGE OF THE DWS FIELD SHOULD BE AS CLOSE AS POSSIBLE TO THE BACK OF CURB, I.E., THE RADIUS OF THE FRONT OF THE DWS FIELD SHOULD MATCH THE RADIUS ALONG THE BACK OF CURB AS CLOSELY AS POSSIBLE. THE OUTSIDE CORNERS OF THE DWS FIELD MUST BE LOCATED NO MORE THAN 2 INCHES FROM THE BACK OF CURB.
6. ON SLOPES OF 5% OR GREATER, THE ROWS OF DOMES SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE LOWER GRADE BREAK ON THE RAMP RUN. WHERE DOMES ARE ARRAYED RADIALLY, THEY MAY DIFFER IN DIAMETER AND CENTER-TO-CENTER SPACING WITHIN THE RANGES SPECIFIED ON THIS SHEET. DOME ALIGNMENT THAT IS PERPENDICULAR OR RADIAL TO THE LOWER GRADE BREAK IS NOT REQUIRED ON SLOPES OF LESS THAN 5%.
7. THE DETECTABLE WARNING FIELD SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS OR MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. DETECTABLE WARNING SURFACES CONTRAST VISUALLY WITH ADJACENT GUTTER, STREET OR HIGHWAY, OR PEDESTRIAN ACCESS ROUTE SURFACE, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.

DEFINITION OF TERMS:

ACCESSIBLE ROUTE. SEE "PEDESTRIAN ACCESS ROUTE", BELOW.

CLEAR SPACE. AN UNOBSTRUCTED FLOOR OR GROUND SPACE THAT WILL ACCOMODATE A SINGLE, STATIONARY WHEELCHAIR AND OCCUPANT.

CROSS SLOPE. THE GRADE THAT IS PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL. IN REGARDS TO NOTES 21 AND 28, CROSS SLOPE PERMITTED TO EQUAL STREET OR HIGHWAY GRADE IS THE SLOPE PARALLEL TO THE HIGHWAY. THE SLOPE PERPENDICULAR TO THE HIGHWAY SHALL BE 1.5% MAXIMUM FOR DESIGN AND 2% MAXIMUM FOR WORK ACCEPTANCE.

PARALLEL CURB RAMP. A CURB RAMP WITH THE RAMP SLOPE ORIENTED PARALLEL TO THE CURB OR EDGE OF PAVEMENT.

PEDESTRIAN ACCESS ROUTE (PAR). A CONTINUOUS AND UNOBSTRUCTED PATH OF TRAVEL PROVIDED FOR PEDESTRIANS WITH DISABILITIES WITHIN OR COINCIDING WITH A PEDESTRIAN CIRCULATION PATH.

PEDESTRIAN CIRCULATION PATH. A PREPARED EXTERIOR OR INTERIOR SURFACE PROVIDED FOR PEDESTRIAN TRAVEL IN THE PUBLIC RIGHT-OFWAY.

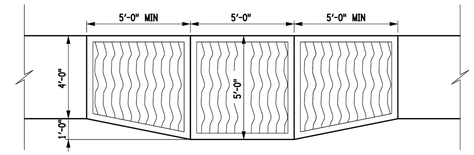
PERPENDICULAR CURB RAMP. A CURB RAMP WITH THE RAMP SLOPE ORIENTED PERPENDICULAR TO THE CURB OR EDGE OF PAVEMENT.

RUNNING SLOPE. THE GRADE THAT IS PARALLEL TO THE DIRECTION OF PEDESTRIAN TRAVEL.

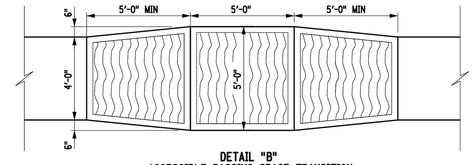
STOP- OR YIELD-CONTROLLED LOCATION. AN INTERSECTION, DRIVEWAY OR PEDESTRIAN CROSSING WHERE VEHICULAR TRAFFIC IS CONTROLLED BY A YIELD SIGN, A STOP SIGN, OR A TRAFFIC SIGNAL THAT FLASHES RED. VEHICULAR TRAFFIC DOES NOT PASS THROUGH A STOP- OR YIELD-CONTROLLED LOCATION WITHOUT STOPPING OR SLOWING.

TRAFFIC SIGNAL THAT IS DESIGNED FOR THE GREEN PHASE. A TRAFFIC SIGNAL OTHER THAN A FLASHING RED OR FLASHING YELLOW.

TURNING SPACE. A RELATIVELY LEVEL SPACE PROVIDED WHERE A TURNING MANUEVER IS REQUIRED FOR A PEDESTRIAN TO ORIENT TO A CURB RAMP OR STREET CROSSING.



DETAIL "A"
ACCESSIBLE PASSING SPACE TRANSITION
ONE SIDE TAPERS



DETAIL "B"
ACCESSIBLE PASSING SPACE TRANSITION
BOTH SIDES TAPER

NEW YORK STATE OF OPPORTUNITY. **Department of Transportation**

U.S. CUSTOMARY STANDARD SHEET

PEDESTRIAN FACILITIES
(SHEET 1 OF 12)

APPROVED AUGUST 18, 2021	ISSUED UNDER EI 21-024
/S/ RICHARD WILDER, P.E.	608-01
DEPUTY CHIEF ENGINEER (DESIGN)	

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Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1100
Syracuse, New York 13202
P. 315.471.0688

PROJECT TITLE:
RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **NEW YORK D.O.T PEDESTRIAN FACILITIES AND ADA DETAILS.**

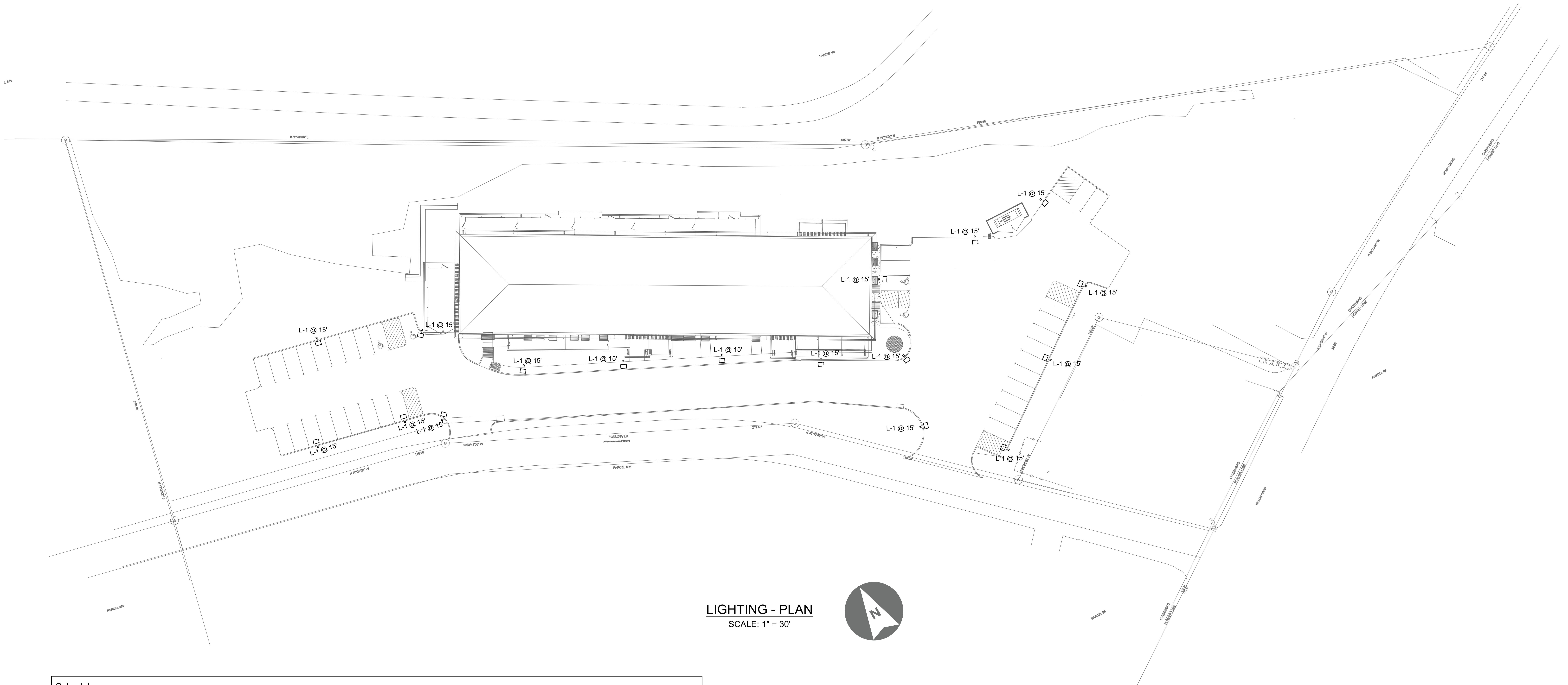
CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

EDR JOB#: **20098**
DATE: **09/09/2024**
SCALE: **NOT TO SCALE**
DRAWN BY: **JJO**
CHECKED BY: **JHH**
DRAWING NUMBER:
C-604

Date Printed: 9/9/2024 11:00:48 AM
J:\20098 Rockland Green\Cad\Working Drawings\animal shelter\Civil\20098_C-604.dwg
ORIGINAL DRAWING SIZE: ARCH D (24" X 36")



LIGHTING - PLAN

SCALE: 1" = 30'

Schedule

Symbol	Label	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power
	L-1	LITHONIA LIGHTING	DSX0 LED P1 40K 70CRI T3LG PIR	D-Series Size 0 Area Luminaire P1 Performance Package 4000K CCT 70 CRI TYPE 3 LOW G RATING. 4" S POLE, DARK BRONZE, HIGH/LOW MOTION AMBIENT SENSOR.	1	4280	0.9	33.21

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The following is paraphrased from the New York Education Law, Article 145, Section 7209, and Chapter II, Section 79-1.4, and applies to this drawing: "It is a violation of this law for any person unless he is acting under the direction of a licensed professional engineer, licensed landscape architect or licensed land surveyor to alter an item in any way. If an item bearing the seal of an engineer, landscape architect or land surveyor is altered, the altering engineer, landscape architect or land surveyor shall affix to the item his seal and the notation "altered by" followed by his signature and the date of such alteration and a specific description of the alteration".

STATE OF NEW YORK · MICHAEL E. TAMBLIN · 073737 · LICENSED PROFESSIONAL ENGINEER

CLIENT / SUBCONSULTANT:

EDR
a better environment

Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
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PROJECT TITLE: **RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER**

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **EXTERIOR LIGHTING - PLAN**

CONTRACT NO.

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EDR JOB#: **20098**

DATE: **09/09/2024**

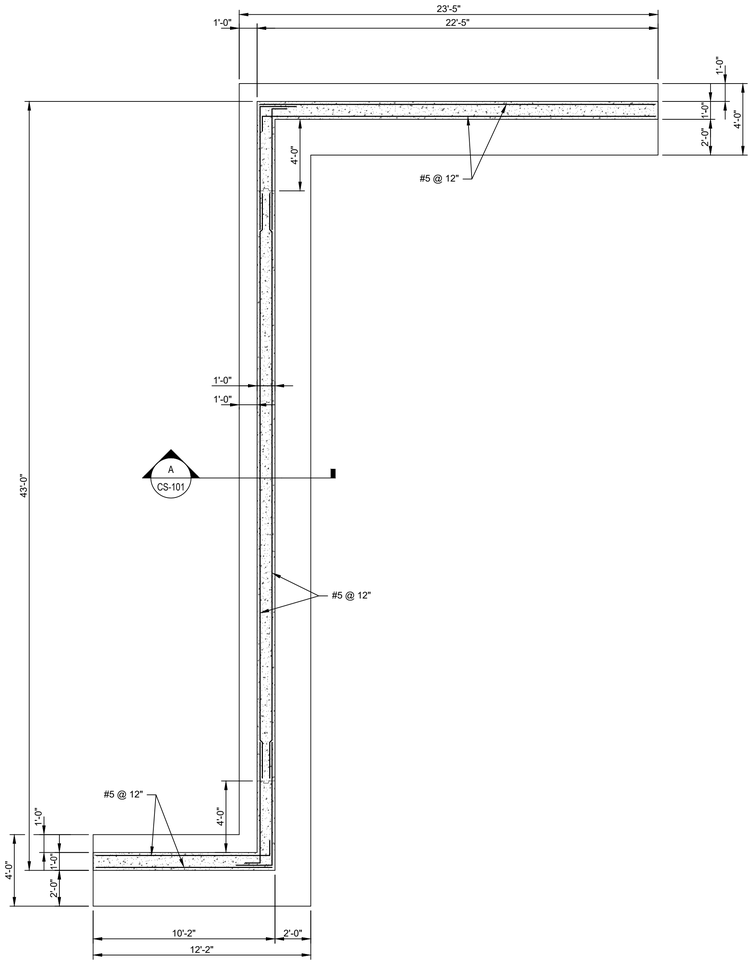
SCALE: **1" = 30'**

DRAWN BY: **JHH**

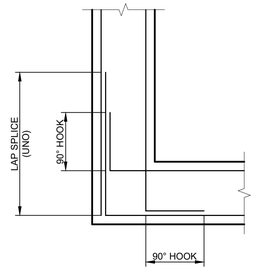
CHECKED BY:

DRAWING NUMBER: **CL-101**

ORIGINAL DRAWING SIZE: ARCH D (24" X 36")



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



1 — CORNER WALL REINFORCEMENT DETAIL
NO SCALE

BAR SIZE	MIN LAP SPLICE LENGTH (INCHES)		MIN EMBEDMENT LENGTH (INCHES)	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
3	18	16	14	12
4	24	20	20	15
5	30	24	24	18
6	36	28	28	22
7	45	36	36	27
8	57	45	45	36
9	72	56	56	45
10	90	69	69	54
11	108	84	84	64

NOTES:

A. F'c = 5,000 PSI (NORMAL WEIGHT CONCRETE), F_y = 60,000 PSI.
B. TOP BARS ARE HORIZONTAL BARS WITH MORE THEN 12" DEPTH OF CONCRETE CAST BELOW THE REINFORCEMENT.
C. LAP SPLICES SHOWN ARE TENSION LAPS, CLASS B.
D. MINIMUM CLEAR COVER IS 1.5 INCHES. MINIMUM SPACING IS 4 INCHES.

2 — SPLICE AND EMBEDMENT CHART

GENERAL CONCRETE CONSTRUCTION NOTES

A. Reinforced concrete design follows ACI 318-14.

B. Unless noted otherwise, all concrete shown is structural concrete with a 5000 psi 28-day compressive strength and Type III Portland Cement. Refer to Section 033000 of specifications.

C. Reinforcement will be new Billet Steel, conforming to ASTM A-615 Grade 60, deformed.

D. Detail, fabricate and erect reinforcing bars in accordance with "Details and Detailing Concrete Reinforcement," (ACI 315-99).

E. Unless otherwise shown, all reinforcing steel shall be provided with minimum concrete cover as follows:

Slabs on grade:	- top reinf. (interior)	1 ½"
	- top reinf. (exterior)	2"
	- bottom reinf.	3"
Foundation slab/footing	- top reinf.	2"
	- bottom reinf.	3"
Beams and columns	-	2"
Walls	-	2"

F. Lap splices and embedments for reinforcement shall follow the chart shown on this drawing unless otherwise indicated on the drawings.

G. Any revisions to joint placement, pour sequencing or reinforcing splices must be submitted to the engineer for review and approval prior to submittal of reinforcing steel shop drawings.

H. Cure concrete at a minimum temperature of 50° F for seven days, following the criteria of ACI 308-R01.

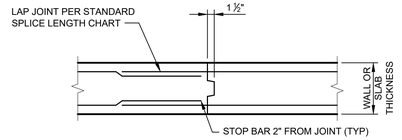
I. Concrete surfaces shall be finished per Section 033000 of the specifications.

J. Chamfer exposed concrete edges ¾" x ¾" unless otherwise noted.

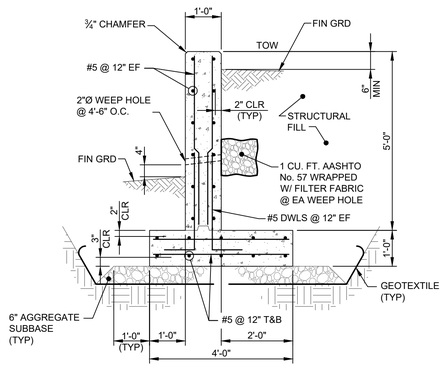
K. Equipment pad dimensions, housekeeping pad dimensions and openings for hatches, ducts and pipes must be coordinated with approved equipment shop drawings, and with the requirements shown on other drawings, this project set.

L. Minimum foundation allowable bearing pressure required = 2,000 psf.

CONCRETE CONSTRUCTION NOTES



3 — KEYED CONSTRUCTION JOINT DETAIL
NO SCALE



A / CS-101 — TYPICAL SECTION
Scale: 1/2" = 1'-0"

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J:\20098 Rockland Green\Cad\Working Drawings\planmat (Ashter)\Cs\20098 CS-101.dwg
ORIGINAL DRAWING SIZE: ARCH D (24" X 36")

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RFP 2024-01: BUILD-OUT OF NEW ANIMAL SHELTER

PROJECT LOCATION: **HAVERSTRAW, NEW YORK**

CLIENT: **ROCKLAND GREEN**

DRAWING TITLE: **CAST-IN-PLACE CONCRETE RETAINING WALL GENERAL NOTES, DETAILS, PLAN AND SECTION**

CONTRACT NO.

DRAWINGS ISSUED FOR / REVISIONS

NO.	DATE	ISSUED FOR / REVISION	BY	CHK	APP
1	09/09/2024	ADDENDUM No.2	JJO	JHH	MET
2					
3					
4					
5					
6					

EDR JOB#: **20098**
DATE: **09/09/2024**
SCALE: **AS NOTED**
DRAWN BY: **KAD**
CHECKED BY: **MSD**
DRAWING NUMBER:
CS-101

APPENDIX C

SCOPE OF SERVICES

APPENDIX C

SCOPE OF SERVICES

I. General

1. Throughout the Term, the Operator shall implement and adhere to the RG CARES Animal Shelter policies, plans, and procedures.

2. The following is a comprehensive list of policies and procedures developed for the new RG CARES Animal Shelter. They reflect current policies, plans and procedures in use at the Current Animal Shelter, policies based on the requirements of the Standard of Care Act, and policies based on the New York State Animal Protection Federation Education Fund's listed policies on its website. A complete set of these policies and procedures are provided as an attachment to this Appendix C. The Operator must implement and maintain these policies, plans and procedures as necessary to ensure compliance with Applicable Law, Best Management Practice, and the Service Contract. (The Operator will be responsible for any updates that may be required throughout the Term of the Service Contract to ensure that such policies remain current and compliant with Applicable Law, Best Management Practice, and the Service Contract; however, any such updates must first be approved by Rockland Green in its sole discretion.) As indicated on Proposal Form 8, Proposers must include in their Proposals for Rockland Green's consideration any comments or suggested modifications they have with respect to these policies and procedures.

[*List of policies and procedures to be provided by addendum*]

II. Animal Transfer and Continuity of Care

If Rockland Green elects to require the Operator to carry out the transition from the Current Animal Shelter to the RG CARES Animal Shelter, the Operator must:

1. Upon execution of the Service Contract, coordinate with both the Current Animal Shelter operator and Rockland Green to ensure the safe, humane, and orderly transfer of all animals from the Current Animal Shelter to the RG CARES Animal Shelter;

2. Prior to the transfer, finalize a detailed animal transition plan that addresses transportation logistics, staffing needs, temporary holding requirements (if any), and continuity of veterinary care; and

3. Ensure accurate record-keeping during the transfer, including, but not limited to, the identification, medical history, and adoption status of each animal.

4. Comply with and adhere to all requirements contained in the Standard of Care Act relating to the transfer and transportation of animals, including those requirements set forth in Section 431 of Article 26-C of the Agriculture and Markets Law relating specifically to transportation. Therefore, any vehicle or equipment used in connection with or for the transportation of animals must also comply with those requirements.

III. New Facility Readiness and Operational Preparedness

If Rockland Green elects to require the Operator to carry out the transition from the Current Animal Shelter to the RG CARES Animal Shelter, the Operator must:

1. Ensure that the RG CARES Animal Shelter is fully prepared with the necessary supplies required to receive and house animals;
2. Provide and maintain the following for use at the RG CARES Animal Shelter in connection with its performance of the Services throughout the Term of the Service Contract:
   - A Cubex medication and supply management system, or a substantially equivalent system if approved by Rockland Green. (Rockland Green will make funds available to the Operator for the Operator's initial purchase of the Cubex system, however, the Operator will be responsible for all ongoing costs associated with the Cubex system thereafter.)

Proposers are advised that Rockland Green will outfit the RG CARES Animal Shelter with:

- the computer equipment and telephone equipment needed for each of the workstations included in the RG CARES Animal Shelter design;
- tablets for use at the RG CARES Animal Shelter to the extent Rockland Green determines that such equipment is required;
- a photocopier; and
- a handheld radio system for the performance of the Services.

IV. Management and Operation of the RG CARES Animal Shelter

1. Throughout the Term, the Operator must maintain public hours at the RG CARES Animal Shelter at least five (5) hours per day, seven (7) days a week, including additional evening hours until 7:00 p.m. at least two (2) days per week, for the services and purposes described in this RFP. The Operator may not change these hours without Rockland Green's prior written approval. The RG CARES Animal Shelter may close on Rockland Green's Observed Holidays, which are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
2. Throughout the Term, the Operator must provide telephone voicemail, or similar services, on a 24-hour basis, seven (7) days a week, and designate RG CARES Animal Shelter contacts for both normal and emergency communications.

V. Community Outreach and Programming

1. The Operator must make efforts to maintain positive public relations, including setting an example for proper animal care and causing the public to view the RG CARES Animal Shelter as an asset to the community.
2. All public outreach, marketing, and media inquiries are to be directed and authorized only by Rockland Green, with assistance from the Operator's social media liaison. No Operator personnel, including staff

and volunteers, are authorized to make any social media post that references or includes photos or videos of the RG CARES Animal Shelter, RG CARES Animal Shelter sponsored events, or animals located at or under the care and custody of the RG CARES Animal Shelter, on any social media platform. Rockland Green will be the only entity authorized to post on any social media platform concerning the RG CARES Animal Shelter, sponsored events and animals under the shelter's care and custody. The Operator will, however, provide a social media liaison to assist Rockland Green at its request.

3. Rockland Green will maintain the website and social media page(s) for the RG CARES Animal Shelter with assistance from the Operator's social media liaison. Information on the website may include descriptions of animals that are held at the RG CARES Animal Shelter, and animals at the RG CARES Animal Shelter that are available for adoption. The website will also display the RG CARES Animal Shelter fee schedule, provide space for members of the public to post notices of lost and found animals, and disseminate to pet owners information about other community resources, including spaying/neutering assistance, veterinary care, animal rescue programs, and pet behavioral assistance.

4. The Operator is required to coordinate and maintain documentation of low-cost training, for example behavior training sessions (basic, intermediate and advanced levels), microchip clinics, and routine husbandry activities, aimed at reducing the intake of animals into the RG CARES Animal Shelter.

5. The Operator is required to make available to owners of animals within the County yearly access to veterinary care at a reduced fee to provide an overall health exam of the animal and any treatment medications and vaccinations required at the time of the exam.

6. The Operator is required to coordinate and maintain documentation of low-cost spay/neuter services, which shall also be available to residents of the County for their pets.

7. The Operator is required to coordinate and maintain documentation of regularly scheduled adoption events and monthly adoption specials. Adoption fees will be set at the commencement of the Service Contract and shall not be changed without Rockland Green's prior written approval.

8. The Operator is required to implement and manage weekly TNVR events at the RG CARES Animal Shelter Premises in accordance with the TNVR program and TNVR Policy. (TNVR events will take place at the ancillary building designated for such purpose on the Animal Shelter Premises while sterilizations will occur within the RG CARES Animal Shelter building.)

9. The Operator is required to utilize the Rockland Green provided appointment management program to schedule all events and appointments required in connection with its performance of the Services. The appointment management program will function as a shared calendar on Rockland Green's website where the Operator will identify events and available appointments relating to the Services and members of the public will sign up for the available appointments. This will be the only platform upon which members of the public will be able to sign up for community events and schedule appointments at the Shelter for the various services provided.

10. The Operator is required to implement a foster care program, abide by, implement, and enforce the foster care program policies and procedures, and maintain documentation of such activities.

11. Any funds raised through fundraising activities conducted in connection with the RG CARES Animal Shelter (including events held on Site or off Site, online campaigns, and donor solicitations referencing the RG CARES Animal Shelter) shall be used solely to offset the costs of operating the RG CARES Animal Shelter. The Operator shall have no independent claim or entitlement to any such funds, regardless of whether the fundraising event is initiated, organized, or staffed by the Operator. The Operator is prohibited from conducting fundraising events at the RG CARES Animal Shelter or in the RG CARES Animal Shelter's name without the prior written approval of Rockland Green, and any approved event must clearly indicate that all proceeds will benefit the RG CARES Animal Shelter's operations.

12. The Operator must pay, make payable, or otherwise remit all revenue from any such events to Rockland Green.

13. The Operator's engagement of volunteers must comply with the Rockland Green-approved volunteer policy/manual. (Volunteers will have restricted access to the RG CARES Animal Shelter as outlined in the approved volunteer policy/manual and in accordance with Rockland Green's direction. For example, access to the online portal will be restricted, and a volunteer's access to the various areas of the RG CARES Animal Shelter will be limited to the area(s) within which that volunteer has been assigned. No volunteers will be allowed in the isolation areas, medical treatment rooms, exam rooms, and surgical rooms, or the Veterinarian's office.)

VI. Facility Maintenance

1. The Operator at all times will be required to keep the RG CARES Animal Shelter and Animal Shelter Premises maintained in a neat, orderly, and sanitary manner and in accordance with all Applicable Law and the Best Management Practices.

2. The Operator shall conduct periodic inspections to ensure that the RG CARES Animal Shelter and Animal Shelter Premises (including all ancillary buildings on the Animal Shelter Premises) are maintained in a neat, orderly, and sanitary manner and in accordance with all Applicable Law and Best Management Practices. Rockland Green shall be permitted to inspect the RG CARES Animal Shelter and Animal Shelter Premises at any time.

3. The Operator shall be responsible for internal and external maintenance of the RG CARES Animal Shelter and the Site, including but not limited to all heating and cooling systems, plumbing, electrical and alarm system, landscaping and snow and ice removal (utilizing pet friendly products) from driveways, parking lots, walkways and sidewalks.

4. The Operator shall be responsible for all solid waste collection from the RG CARES Animal Shelter including the provision of a solid waste receptacle on the Animal Shelter Premises for such purposes.

5. The Operator shall be responsible for all building and grounds maintenance as identified in the operations and maintenance plan to be developed by the Operator and approved by Rockland Green.

6. The Operator shall be responsible for all repairs up to $25,000 per incident. Rockland Green will be responsible for repairs above $25,000, subject to Rockland Green's approval, and provided that such repairs are not the result of Operator fault or negligence.

7. The Operator shall coordinate major repairs with Rockland Green, and complete minor repairs as identified in its operation and maintenance plan to be developed with Rockland Green.

8. Rockland Green will be responsible for providing and paying for utilities, including but not limited to electric, water, and sewer, up to an amount which is appropriate for the proper management of the RG CARES Animal Shelter in accordance with the requirements of the Standard of Care Act. The Operator will be responsible for utility expenses beyond what is reasonable and customary based on the operation of an Animal Shelter of similar size with a similar number of animals. Rockland Green will establish the maximum utilization limits for each utility based on the RG CARES Animal Shelter building specifications and components, as well as occupancy. Resolution of utility consumption will be determined as part of the Annual Settlement Statement.

9. The parties shall develop a maintenance schedule and plan for the RG CARES Animal Shelter which shall be approved by Rockland Green. (Where applicable, such schedule shall be based on the manufacturers' recommended maintenance schedules and intervals for equipment located at the RG CARES Animal Shelter Premises.)

10. The Operator shall provide the necessary labor required for the performance of the Services and the Operator's obligations.

11. The Operator will be responsible for all technology support needed to support its operations, including, but not limited to, the support required in relation to the computer system, tablets, telephone system and security system**.**

VII. Personnel and Staffing

1. The Operator shall provide all personnel necessary to perform the Services.

2. The Operator shall work with Rockland Green to update and maintain staffing plans based on operational needs and Best Management Practices.

3. The Operator shall acknowledge that Rockland Green has ultimate authority and responsibility to direct operations at the RG CARES Animal Shelter as it deems appropriate.

4. The Operator acknowledges that throughout the Term it (i) shall make its best efforts to maintain the required staffing levels for the operation and maintenance of the RG CARES Animal Shelter, in accordance with Applicable Law, including the Standard of Care Act, and (ii) that all levels of staffing needs required to perform the Services are to be determined by the parties based on implementation of the Best Management Practices. At a minimum, the Operator shall maintain the following positions as well as those other positions it will have identified in its staffing plan for the RG CARES Animal Shelter:

Shelter Manager, Assistant Shelter Manager, Canine Supervisor, Canine Attendants (including at least one Canine Attendant qualified to handle dogs with behavioral issues, such as bite histories and triggers),

Feline Supervisor, Feline Attendants, Exotic Animal Attendant, TNVR Coordinator, Veterinarian, licensed Veterinary Technician, Training Coordinator, Foster & Adoption Coordinator, Office Manager, and Office Assistant. With the exception of certain part-time positions, the Operator shall use good faith efforts to provide full-time employees for all staff positions. The above notwithstanding, the positions of Shelter Manager and Veterinarian must be full-time.

The Operator will ensure that at least one staff member who interacts with the public is fluent in Spanish.

VIII. Animal Intake

1. The Operator, in accordance with Best Management Practices and Applicable Law, will be required to accept all dogs brought to the RG CARES Animal Shelter by the various dog wardens employed by the Participating Municipalities within the County, Animal Control Officers, and law enforcement and undertake the impounding of all dogs so delivered, including but not limited to, unlicensed dogs or untagged dogs running at large in the Participating Municipalities within the County and in violation of the provision of Article 7 of the Agriculture and Markets Law relating to the licensing of dogs, or duly enacted local laws and ordinances of the towns and villages in the County.
2. The Operator, in accordance with Best Management Practices and Applicable Law, will be required to accept dogs and any other animals from the Participating Municipalities brought to the RG CARES Animal Shelter by persons other than dog wardens.
3. The Operator will be required to accept and provide humane care for any dogs from Participating Municipalities that are dropped off at the RG CARES Animal Shelter by law enforcement after regular operating hours. The Operator shall ensure the establishment of a secure, monitored drop-off area for such dogs and an emergency contact number for notice of such drop-offs, and will implement appropriate procedures.
4. The Operator will, at Rockland Green's sole discretion, make excess space at the RG CARES Animal Shelter available to other shelters in need of accommodation.

IX. Animal Care

1. The Operator shall provide food, shelter, and care in compliance with Applicable Law, Best Management Practices, and Rockland Green's policies, plans and procedures.
2. The Operator shall provide for the proper care and provision of proper food and shelter for all dogs and other animals received at the RG CARES Animal Shelter until redeemed or otherwise not an occupant of the RG CARES Animal Shelter.
3. The Operator shall operate the RG CARES Animal Shelter in a manner that ensures the availability of sufficient resources and space, and the proper care of animals delivered to the RG CARES Animal Shelter from within the Participating Municipalities.
4. The Operator shall maintain the following information, at a minimum, and provide regular and unrestricted access and reports to Rockland Green:

- Unique identifiers and any other identification associated with the animal upon examination at entry, including, but not limited to, a tattoo, a permanent official identification number or other identification tags, rabies tags and numbers, or a microchip number, if present;
- The name, address and telephone number of the person surrendering the animal or from whom an animal is seized, and additional contact information as may be required, or the address or cross-streets and city, town, or village where the animal was located or found prior to intake, if known;
- The date of intake into and departure from the RG CARES Animal Shelter;
- Whether the animal was adopted, transferred, redeemed by its owner, or has died, and the name, address, and phone number of the receiving individual or agency;
- Basic descriptors including species, age, gender, physical description including color, and the spay or neuter status at entry if determinable with reasonable certainty;
- Any available behavioral or health history or information otherwise obtained at intake, including bite history and rabies vaccination status, when known;
- All veterinary and behavioral examinations, treatments, procedures, or medications occurring during the animal's time under the care of the shelter;
- Detailed bite history reports; and
- Veterinary medical records.

5. The Operator will implement and follow the safe handling practice and disease prevention outlined in the Association of Shelter Veterinarians' Guidelines for Standards of Care in Animal Shelters, the 2010 edition.

X. Oversight

1. The Operator shall provide monthly accountings of incoming and outgoing animals, including the disposition of the same, no later than the first day of the following month. Within 30 days of the end of each year of the Term, the Operator shall provide an annual report to Rockland Green.

2. The Operator shall meet with Rockland Green regularly to review RG CARES Animal Shelter operations, staffing, and maintenance needs.

3. The Operator shall submit operational cost records as requested by Rockland Green to ensure transparency and fiscal accountability.

4. The Operator shall permit Rockland Green to enter and inspect the RG CARES Animal Shelter at any time.

5. The Operator shall permit Rockland Green to inspect, review, or audit all books, records and documents kept, made, or maintained by the Operator.

6. The Operator shall use the web-based Animal Shelter management software provided by Rockland Green. Rockland Green shall provide the Operator's designated personnel with the necessary access to this software, including dedicated log-in credentials, and Rockland Green shall have the right to inspect, review, audit or otherwise access the software and any information contained therein directly.

7. The Operator shall use the Rockland Green provided appointment management program for scheduling all appointments and programming events at the RG CARES Animal Shelter or in connection with the

Services, and Rockland Green shall have direct access to this software and any information contained thereon.

8. The Operator shall cooperate with Rockland Green personnel, who will be on Site and who must have access to RG CARES Animal Shelter staff as needed.

9. The Operator shall provide Rockland Green with contact information for the Shelter Manager for Rockland Green to contact during business hours, and after hours for emergencies. Rockland Green shall provide a 24-hour number for maintenance emergencies at the RG CARES Animal Shelter or Site.

10. In accordance with the provisions hereof, the Operator shall identify for Rockland Green the Operator's designated representative from its Board of Directors who will be available at all times should an issue arise hereunder requiring Rockland Green to speak to such individual. The Operator will immediately notify Rockland Green of any change of its designated representative.

XI. Record Keeping and Management

1. The Operator shall provide monthly documentation and reporting as required by Rockland Green, or more frequently as requested.

2. The Operator shall maintain its books and records in such manner as may be prescribed by Rockland Green and the actual cost of operation and maintenance of the RG CARES Animal Shelter can be readily ascertained.

3. Rockland Green is in the process of selecting and will provide for the Operator's use in the performance of the Services a web-based Animal Shelter management software program for animal tracking, medical records, adoptions, reporting, and other operational functions, as well as the associated recordkeeping procedures set forth in herein. This software shall permit the Operator to maintain all RG CARES Animal Shelter records in a manner that facilitates ease of auditing, , maintaining regular reports, and creating additional reports upon Rockland Green's request. Rockland Green will notify potential Proposers of the final program once selected.

4. The Operator shall prepare and maintain an intake record for every animal that enters the RG CARES Animal Shelter, including:
    a. all pertinent dates, including the date of intake and departure from the RG CARES Animal Shelter;
    b. a description of the animal, including:
        i. any unique identifiers or other identification associated with the animal upon examination at entry, including but not limited to a tattoo, a permanent official identification number or other identification tags, rabies tags and numbers, or a microchip number, if present;
        ii. basic descriptors including species, age, gender, physical description including color, and the spay or neuter status at entry if determinable with reasonable certainty;
    c. final disposition of the animal

d. the name, address and telephone number of the person surrendering the animal or from whom an animal is seized, and additional contact information as may be required, or the address or cross-streets and city, Town, or village where the animal was located or found prior to intake, if known;
e. information related to the animal's prior home, if known; and
f. any available behavioral or health history or information otherwise obtained at intake, including bite history and rabies vaccination status, when known.

5. The Operator shall prepare and maintain an accurate and descriptive cage card for each occupied cage at the RG CARES Animal Shelter.

6. The Operator shall prepare and maintain comprehensive veterinary medical records for all veterinary and behavioral examinations, treatments, procedures, or medications occurring during the animal's time under the Operator's care.

7. The Operator shall prepare and maintain a final disposition record for every animal that departs the RG CARES Animal Shelter, including whether the animal was adopted, transferred, redeemed by its owner, or died, and the name, address, and phone number of the receiving individual or agency.

8. The Operator shall prepare and maintain a current record of each volunteer and foster care provider, including the person's training, liability waiver and hours contributed.

XII. Shelter Vehicle

1. Rockland Green will provide a vehicle to the Operator for its use with respect to the performance of the Services and the Operator's obligations, provided, however, that only designated drivers of the Operator who are approved by Rockland Green, in its sole and absolute discretion, shall be authorized to operate such vehicle. Proposers are also advised that such vehicle will be equipped with a tracker to monitor drivers to ensure the vehicle is safely operated, and operated in accordance with Applicable Law, at all times.

2. With respect to any proposed driver, the Operator shall provide Rockland Green with such individual's driver's license, a completed copy of the MVR Authorization Form and such other information and documentation requested by Rockland Green.

3. The above notwithstanding, Rockland Green shall have the right to terminate the authorization of any such designated driver at any time and in its sole and absolute discretion.

4. The use of such vehicle shall be limited to the Operator's performance of the Services and the Operator's obligations, including transportation to and/or from a sanctuary or animal hospital.

5. The Operator shall be responsible for all vehicle maintenance and repair costs throughout the Term of the Service Contract.

ATTACHMENT TO APPENDIX C

RG CARES ANIMAL SHLETER
POLICIES AND PROCEDURES

[***To be provided by addendum***]

APPENDIX D

PROPOSAL FORMS

PROPOSAL FORM 1

SIGNATURE PAGE

To Rockland Green (also known as the Rockland County Solid Waste Management Authority):

The Proposer, in compliance with your Request for Proposals for the Operation of the RG CARES Animal Shelter located at 10 Ecology Road in Haverstraw, NY, having examined the Proposal documents and being familiar with all conditions surrounding the services required, hereby proposes to furnish all labor, equipment, materials and supplies necessary to meet the obligations of the Proposal in accordance with the solicitation, within the time and for the prices set forth therein.

The Proposer understands that Rockland Green reserves the right to reject any or all Proposals and to accept any item or items in any one Proposal and to waive any informalities in the RFP process.

Respectfully Submitted:

_____
Name of Proposer

_____
Signature

_____
Printed Name

_____
Date

PROPOSAL FORM 2

ADDENDA ACKNOWLEDGEMENT FORM

The undersigned hereby acknowledges receipt of the following Addenda (if any) to the Request for Proposals for the Operation of the RG CARES Animal Shelter located at 10 Ecology Road in Haverstraw, NY:

Addendum No.	Dated
_____	_____
_____	_____
_____	_____

Person, firm or corporation making this Proposal:

_____
Proposer

_____
Signature

_____
Name/Title

_____
Date

PROPOSAL FORM 3

QUALIFICATIONS FORM

The Proposer must complete this Qualifications Form in its entirety. Failure to complete and submit this Qualifications Form may result in the Proposer being deemed non-responsive and, consequently, not eligible to participate further.

A. General Information

1. Company Name: _____

2. Address: _____

3. Telephone: _____

4. Contact Person: _____

Contact person's contact information:

Title: _____

Telephone Number: _____

Fax Number: _____

Email address: _____

5. Type of Organization (e.g., a corporation; limited liability company; joint venture; partnership; and individual): _____

6. Name of Parent Company, if any: _____

7. Name of Affiliate Companies, if any: _____

8. Identity of Joint Venture Partners, if any: _____

9. Financial References: _____

10. New York Surety: _____

PROPOSAL FORM 3 (Continued)

QUALIFICATIONS FORM

B. Business Information

1. Brief history of Company (attach additional sheets as necessary):

_____

_____

_____

2. Number of Years in Business: _____Years

3. Annual Value of contracting work (Range): $_____

4. Value of contracts normally accepted: Minimum_____ Maximum _____

5. Number of Employees. _____

6. Do you hold a license for the Services † Yes † No

7. Labor relations: Open Union - If Union, local or national agreement? _____

8. Name and address of all partners, key shareholders, principals and/or owners:

_____

_____

_____

9. Has Company ever failed to complete any contract awarded to it? _____
If so, where and why for each contract not completed on time:

_____

_____

10. Has any officer or partner of Company ever been an officer or partner of some other organization that failed to complete a contract? _____

_____

PROPOSAL FORM 3 (Continued)

QUALIFICATIONS FORM

11. If yes to #10, state name of individual, other organization, reason, and bonding company:

_____

_____

12. In what other lines of business is Proposer directly or indirectly involved? _____

_____

13. With what individual or entities have you been associated as partner or otherwise during the past five (5) years? _____

_____

14. Describe the principal and any secondary nature of your current business:

_____

_____

15. State the length of time you have been in that business under your present name and identify all other names under which you have done business: _____

_____

16. Has any individual, partner, shareholder, principal, owner or Affiliate of your firm been the subject of administrative or judicial action for an alleged violation of state or federal laws or regulations, including any convictions, indictments, or investigations for animal cruelty or abuse? If so state the details and disposition.

_____

_____

17. Are you, your partners, joint venturers, parent corporation or subsidiaries a party to any legal actions, including any convictions, indictments, or investigations for animal cruelty or abuse, that may be relevant to your performance of the obligations described in the Proposal? If so, identify these actions:

_____

_____

PROPOSAL FORM 3 (Continued)

QUALIFICATIONS FORM

18. Have you, any partner, key shareholder, principal, owner or Affiliate of your firm been the subject of any criminal conviction(s) indictment(s) or investigation(s), including any for animal cruelty or abuse? If so, state the details:_____

_____

19. List any and all civil penalties, judgments, consent decrees or other sanctions within the last five (5) years, as a result of a violation of any law, rule, regulation or ordinance in connection with its business activities, by the Company, any Affiliate of the Company, or any key shareholder, officer or director of the Company or any Affiliate thereof.

_____

_____

20. List any and all current investigations, indictments or pending litigation by any Federal, State or local jurisdiction of the Company, any Affiliate of the Company or any key shareholder, officer or director of the Company or any Affiliate thereof.

_____

_____

21. List any and all actions occurring within the last five (5) years which have resulted in revocation or suspension of any permit or authority to do business in any Federal, State or local jurisdiction, by the Company, any Affiliate of the Company, or any key shareholder, officer or director of the Company or any Affiliate thereof.

_____

_____

22. List any and all actions occurring in the past five (5) years that have resulted in the barring from public bidding by the Company, any Affiliate of the Company, or any key shareholder, officer or director of the Company or any Affiliate thereof.

_____

_____

23. List any bankruptcy proceedings in the past five (5) years by the Company, any Affiliate of the Company, or any shareholder, officer or director of the Company or any Affiliate thereof.

_____

Are there any judgments, claims, arbitration proceedings or suits pending, current, or outstanding against your organization or its officers? † Yes † No

24. Has your organization filed any lawsuits or requested arbitration with regard to operations contracts within the last five (5) years? † Yes † No

C. Safety Information

25. Workers Compensation Employer Modification Rate for current year and three (3) previous years.

_____ 2026 _____ 2025 _____ 2024 _____2023

26. If you keep OSHA 300 logs please attach a copy of the three (3) most recent years of OSHA 300 logs.

27. Total Recordable Incident Rate (TRIR Rate) for current year and three (3) previous years.

_____ 2026 _____ 2025 _____ 2024 _____2023

28. Company Safety Contact:_____

29. Has your company been cited with any regulatory (EPA, OSHA, DOH, etc.) citations, violations, or fines within the past three (3) years? (If Yes, then include a copy of the actual citation and provide a detailed explanation of violation with final findings. Attach additional pages as needed.)

† Yes † No

30. Do you have a Health & Safety Orientation Program for new hires? † Yes † No

31. Do you have a Substance Abuse and Firearms Policy in effect? † Yes † No

32. If you use a Subcontractor, are they required to adhere to your company's safety policies and practices?

† Yes † No

33. Does your company meet the Insurance Requirements? † Yes † No

If No, then why not?

_____

_____

The undersigned warrants the truth and accuracy of all statements and answers herein contained. Include additional sheets if necessary.

_____ _____
Authorized Signature Date

_____
Name & Title

PROPOSAL FORM 3 (Continued)

QUALIFICATIONS FORM

D. Financial Information (To be signed before a Notary Public)

Attach financial statements, prepared on an accrual basis, in a form which clearly indicates the Company's assets, liabilities and net worth over the most recent three (3) year period or as many years as your firm has been in business if less than three (3) years.

Dates of financial statements: _____

Name(s) of firms(s) preparing statements: _____

Dated this ___ day of _____, 20___

_____
(Print or Type Name of Company)

By:_____

Title:_____

_____ being duly sworn, deposes and says that the financial statement(s) referenced above are a true and accurate statement of Company's financial condition as of the date hereof; and all of the foregoing qualification information is true, complete and accurate.

Sworn to before me this ____ day of _____, _____

_____
Notary Public

PROPOSAL FORM 4

AFFIDAVIT OF NON-COLLUSION

NAME OF PROPOSER: _____

BUSINESS ADDRESS: _____

E-MAIL ADDRESS: _____

CERTIFICATION AND SIGNATURE FORM

I hereby attest that I am the person responsible within my firm for the final decision as to the prices(s) and amount of this Proposal or, if not, that I have written authorization, enclosed herewith, from that person to make the statements set out below on his or her behalf and on behalf of my firm.

I further attest that:

1. The price(s) and amount of this Proposal have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition with any other Operator, Proposer or potential Proposer.
2. Neither the price(s), nor the amount of this Proposal, have been disclosed to any other firm or person who is a proposer or potential Proposer on this project, and will not be so disclosed prior to Proposal opening.
3. No attempt has been made or will be made to solicit, cause or induce any firm or person to refrain from proposing on this project, or to submit a Proposal higher than the Proposal of this firm, or any intentionally high or non-competitive Proposal or other form of complementary Proposal.
4. The Proposal of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from any firm or person to submit a complementary Proposal.
5. My firm has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any other firm or person, or offered, promised or paid cash or anything of value to any firm or person, whether in connection with this or any other project, in consideration for an agreement or promise by any firm or person to refrain from proposing or to submit a complementary Proposal on this project.
6. My firm has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any firm or person, and has not been promised or paid cash or anything of value by any firm or person, whether in connection with this or any project, in consideration for my firm's submitting a complementary Proposal, or agreeing to do so, on this project.
7. I have made a diligent inquiry of all members, officers, employees, and agents of my firm with responsibilities relating to the preparation, approval or submission of my firm's Proposal on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this affidavit.

The person signing this Proposal, under the penalties of perjury, affirms the truth thereof.

_____
Signature

_____
Name & Company Position

_____
Company Name

_____
Date Signed

SWORN TO BEFORE ME THIS

_____ DAY OF _____ 20___

_____
NOTARY PUBLIC

PROPOSAL FORM 5

DISCLOSURE AFFIDAVIT

(Proposer must sign this form before a Notary Public)

STATE OF NEW YORK)

) ss

COUNTY OF _____)

I, _____Design_____, _____
(NAME) (TITLE - Officer, Partner or Principal)

being duly sworn depose and swear under the penalties of perjury:

1. That, in connection with the Proposal in response to the Request for Proposals for the Operation of the RG CARES Animal Shelter located at 10 Ecology Road in Haverstraw, NY no other person will have any direct or indirect interest in this Proposal except:

   _____
   (In case of corporations, all officers of the corporation and stockholders owning more than 5% of the corporation stock must be listed. Use attached sheet if necessary.)

2. That _____ related to any officer
   (I am not) (none of the officers or stockholders are)

   or employee of Rockland Green except_____

   _____

3. There is not any State or local officer or employee or a member of Rockland Green interested in such application.

_____
Signature, Name and Title

Sworn to before me this _____ day of _____, _____

_____
Notary Public

PROPOSAL FORM 6

AFFIRMATIVE ACTION PLAN

STATE OF NEW YORK)

) ss:

COUNTY OF ROCKLAND)

_____ being duly sworn, deposes and says that he/she is the _____ of the _____ corporation. That *I do [do not] employ fifteen (15) employees and *I do [do not do] a minimum of $50,000 per annum business with the Rockland County Solid Waste Management Authority a/k/a Rockland Green.

Based on the above information (*check one, and provide Plan if required*):

[ ] attached hereto is an Affirmative Action Plan, or

[ ] because of the above, no Affirmative Action Plan is necessary.

_____
(SIGNATURE, NAME AND TITLE)

Sworn to before me this _____ day of _____, ____.

Notary Public, _____ County

* Strike out non-applicable information.

PROPOSAL FORM 7

EXCEPTIONS TAKEN TO THE RFP AND SERVICE CONTRACT

Exceptions taken to the Request for Proposals

____ No exceptions taken for the RFP.

____ Exceptions taken and/or mark-ups made for the RFP.

Exceptions and/or Mark-ups to the Contract

____ No exceptions taken.

____ Exceptions taken and/or mark-ups made.

*Please provide a mark-up of the relevant language of the RFP or Service Contract where exceptions have been taken.

_____
Proposer

_____
Signature

_____
Name/Title

_____
Date

PROPOSAL FORM 8

COMMENTS TO THE RG CARES ANIMAL SHELTER POLICIES AND PROCEDURES

____ No exceptions or comments.

____ Exceptions taken and/or mark-ups made.

*Please provide a mark-up of the relevant language of the Policies and Procedures set forth in the Attachment to Appendix C where exceptions have been taken or comments made.

_____
Proposer

_____
Signature

_____
Name/Title

_____
Date

PROPOSAL FORM 9

CONSENT OF SURETY FOR PERFORMANCE BOND

Mr. Gerard Damiani Jr.
Executive Director
Rockland Green
172 Main Street
Nanuet, NY 10954

Dear Mr. Damiani:

_____ (the "Proposer") has submitted herewith a Proposal in response to the Request for Proposals for the Operation of the RG CARES Animal Shelter located at 10 Ecology Road in Haverstraw, NY (RFP 2026-12) (the "RFP"). The RFP requires the selected Proposer to enter into an agreement to operate the Animal Shelter located at 10 Ecology Road, Haverstraw, New York into a state-of-the-art Animal Shelter (the "Service Contract").

The Surety has reviewed the Proposer's Proposal which will form the basis of the Service Contract. The Surety hereby certifies that it intends to issue on behalf of the Proposer, as security under the Service Contract a Performance Bond for the benefit of Proposer, with Rockland Green as co-beneficiary, in the event the Proposer is selected for final negotiations and execution of the Service Contract, in the form set forth in the RFP.

_____
Name of Surety

_____
Name and Title of Authorized Signatory

_____
Signature

PROPOSAL FORM 10

BANK LETTER OF INTENT

(to be typed on Bank's Letterhead)
(To be utilized if a Letter of Credit is being provided)

Gerard M. Damiani, Jr.
Executive Director
Rockland Green
172 Main Street
Nanuet, NY 10954

Dear Mr. Damiani:

_____ (the "Proposer") has submitted herewith a Proposal in response to the Request for Proposals for the Operation of the RG CARES Animal Shelter located at 10 Ecology Road in Haverstraw, NY. The RFP requires the selected Proposer to enter into an agreement to operate the Animal Shelter located at 10 Ecology Road, Haverstraw, New York into a state of the art Animal Shelter (the "Service Contract").

The Bank has reviewed the Proposer's Proposal which will form the basis of the Service Contract. The Bank hereby certifies that, if Rockland Green elects to require such security, it intends to issue on behalf of the Proposer, as security for performance under the Service Contract, a direct payment Letter of Credit in the amount of (to be negotiated with the Selected Proposer) for the benefit of Rockland Green in the event the Proposer enters into the Service Contract with the Rockland Green.

_____
Name of Bank

_____
Name of Authorized Signatory

_____
Signature

_____
Title

PROPOSAL FORM 11

FOIL ACKNOWLEDGEMENT FORM

The Proposer hereby acknowledges and recognizes that the New York State Freedom of Information Law, Public Officers Law, Article 6, Section 84-90 provides for public access to government records. However, Proposals may contain trade secrets and other technical, financial, or administrative data whose public disclosure could cause substantial injury to the Proposer's competitive position.

Please indicate whether your Proposal contains trade secrets and other technical, financial or administrative data whose public disclosure could cause substantial injury to your competitive position by marking the applicable below.

_____ The Proposal DOES contain trade secrets and other technical, financial or administrative data whose public disclosure could cause substantial injury to our competitive position, and we have clearly marked pages in our Proposal containing such information.

_____ The Proposal DOES NOT contain trade secrets and other technical, financial or administrative data whose public disclosure could cause substantial injury to your competitive position.

Person, firm or corporation making this Proposal:

_____
Proposer

_____
Signature

_____
Name/Title

_____
Date

PROPOSAL FORM 12

INSURANCE COMPANY LETTER OF INTENT

Gerard M. Damiani, Jr.
Executive Director
Rockland Green
172 Main Street
Nanuet, NY 10954

Dear Mr. Damiani:

_____ (the "Proposer") has submitted herewith a Proposal in response to the Request for Proposals for the operationof a New Animal Shelter located at 10 Ecology Road in Haverstraw, NY (RFP 2026-12) (the "RFP"). The RFP requires the selected Proposer to enter into an agreement to operate the Animal Shelter located at 10 Ecology Road, Haverstraw, New York into a state-of-the-art Animal Shelter (the "Service Contract").

The Insurance Company has reviewed the Proposer's Proposal which will form the basis of the Service Contract. The Insurance Company hereby certifies that it intends to provide all Required Insurance set forth in the RFP in the event the Proposer is selected for final negotiations and execution of the Service Contract.

_____
Name of Insurance Company

_____
Name and Title of Authorized Signatory

_____
Signature

PROPOSAL FORM 13

PAST AND PRESENT PERFORMANCE INFORMATION FORM

***Include information for a minimum of (3) three references**

NAME OF PROPOSER: _____

Provide the information requested on this form for each contract/program being described as a reference. Provide frank, concise comments regarding your performance on the contracts you identify. Provide a separate completed form for each contract/program submitted. Limit the number of past efforts submitted and the length of each submission to the limitations, if any, set forth in specifications.

Name of Contracting Entity: _____

Contract Name/Title:_____

Term of Contract: _____

Contract Value: _____

A. Brief Description of the services performed.

_____
_____
_____
_____
_____

B. Primary Point of Contact:

NOTE: CONFIRM CONTACT INFORMATION PROVIDED IS CURRENT PRIOR TO SUBMISSION.

Name:_____

Address:_____

Telephone:_____

E-mail: _____

If Subcontractors were used, identify the names of the Subcontractors.

_____

PROPOSAL FORM 14

ACKNOWLEDGMENT REGARDING ARTICLE 26-C OF NEW YORK AGRICULTURE AND MARKETS LAW, THE STANDARD OF CARE ACT

The undersigned hereby acknowledges that they have read, understand and are familiar with the Standard of Care Act, approved on December 15, 2022, and codified as Article 26-C of the New York Agriculture and Markets Law, and which became effective in December of 2025. The undersigned further acknowledges that, if selected, the Services performed under the Service Contract will comply with the standards and requirements of the Standard of Care Act, as applicable.

If the Proposer believes that the Services will not comply with the Standard of Care Act, it must submit with this Proposal Form a written explanation of the reasons therefor and describe the alternative approach it proposes.

Person, firm or corporation making this Proposal:

_____
Proposer

_____
Signature

_____
Name/Title

_____
Date

PROPOSAL FORM 15

PRICE PROPOSAL FORM

Proposers must complete all sections of the pricing form below.

Section A – Transition Costs

Complete this Section A of the pricing form by entering:

(i) Descriptions of the various transition responsibilities required pursuant to subsections b. (Animal Transfer and Continuity of Care) and c. (RG CARES Animal Shelter Readiness and Operational Preparedness) of Section II (SCOPE OF SERVICES SUMMARY) of this RFP; with

(ii) Your corresponding proposed cost for each such transition responsibility, along with your total proposed cost for performing the transition responsibilities described in this RFP, should Rockland Green determine that the Operator will perform the transition services.

Description of Transition Responsibilities	**Proposed Price (*Expressed in Words*)**	**Proposed Price (*Expressed Numerically*)**
TOTAL (Section A)		

(Proposers may add lines for additional entries if required)

Section B – Annual Service Fee

Complete this Section B of the pricing form by including your proposed annual Service Fee for the first full year of performing the Services under the Service Contract. (Do not include your proposed price for the transition responsibilities, as they are already included in Section A above.)

Although the Service Fee will be expressed as an annual sum, the following table sets forth the various costs components that comprise the annual Service Fee amount. Along with your proposed pricing for each such category, please include a description of the corresponding work for such category along with the proposed annual cost. Service Fee costs not covered by any of the specified categories shall be included under "Other".

Category	**Description**	**Proposed Price (*Expressed in Words*)**	**Proposed Price (*Expressed Numerically*)**
1. Required Insurance			
2. Performance Security			
3. Salaries *A detailed breakdown of each position, whether salaried or hourly, must be included for each staff member, including the following positions:* a. Shelter Manager b. Assistant Shelter Manager c. Canine Supervisor d. Canine Attendants e. Feline Supervisor f. Feline Attendants g. Exotic Animals Attendant h. TNVR Coordinator i. Veterinarian j. Veterinary Technician k. Training Coordinator l. Foster & Adoption Coordinator m. Office Manager n. Office Assistant	*Include for each position a description of the associated responsibilities; whether the position is salaried or hourly; whether it is full-time or part-time; and, if hourly, the anticipated number of hours required. For any position for which you anticipate needing more than one employee (for example the canine attendant), identify the number of employees required.*		

Category	**Description**	**Proposed Price (*Expressed in Words*)**	**Proposed Price (*Expressed Numerically*)**
Total Annual Salaries & Wages Combined: _____ **Proposers should identify and list on this form any additional staff positions needed to perform the Services outlined in this RFP**			
4. Office/Administrative Supplies			
5. Additional Veterinary and Medical Services			
6. Animal Food & Care Supplies			
7. Medical – Spay or Neuter Fees			
8. Medical Supplies			
9. Animal Care Supplies			
10. Building and Site Maintenance (including equipment)			
11. Education - Training - Behavioral Services			
12. Animal Sanctuary			
13. Marketing Outreach			
14. Travel Expenses			
15. Uniforms			

Category	**Description**	**Proposed Price (*Expressed in Words*)**	**Proposed Price (*Expressed Numerically*)**
16. TNVR Program			
17. Low-cost spaying and neutering (per species, per gender)			
18. Annual low-cost veterinary care clinic open to County residents			
19. Anticipated Annual Repairs (up to $25,000 per incident) *			
20. Vehicle operation, (including maintenance and repair costs)			
21. Other/Contingency			
TOTAL ANNUAL SERVICE FEE (Section B)			

*As a new facility, minimal, if any, repair costs are anticipated during the initial years of the Service Contract Term. Proposers are advised, however, to include annual repair costs in the proposed Service Fee as the Operator will be responsible for the first $25,000 of such costs for each repair required in any given Contract Year throughout the Term. Therefore, this should be factored into the Proposer's proposed pricing for the first annual Service Fee, which will be adjusted by the Consumer Price Index ("CPI") for All Urban Consumers published by the Bureau of Labor Statistics of the U.S. Department of Labor for New York-Newark-Jersey City, NY-NJ-PA All Items, (1982-84=100) each subsequent Contract Year thereafter.

Section C – Proposal Cost Summary – Year One

Category	**Total Annual Cost** (***Expressed in Words***)	**Total Annual Cost** (***Expressed Numerically***)
Transition Costs (Section A)		
Annual Service Fee (Section B)		
TOTAL YEAR ONE COST		

Certification

I hereby certify that the costs submitted herein are accurate and based on the requirements and Scope of Services outlined in this RFP.

Proposer Name: _____

Authorized Representative: _____

Title: _____

Signature: _____

Date: _____

APPENDIX E

REQUIRED INSURANCE

APPENDIX E

REQUIRED INSURANCE

1. Throughout the Term of the Service Contract, the Operator, and its Subcontractors, will be required to maintain insurance issued by and insurance carrier satisfactory to Rockland Green to protect the parties to the Service Contract from and against any and all claims, demands, actions, judgments, costs, expenses and liabilities of every kind and nature which may arise or result, directly or indirectly, from or by reason of the Operator's performance (or the performance of its Subcontractors) of its responsibilities under the Service Contract. Such insurance shall be maintained at the Operator's sole expense.

   Concurrent with the execution of the Service Contract, and throughout the Term of the Service Contract, the Operator will obtain and pay for and maintain the insurance coverage listed below (the "Required Insurance").

(a) Commercial General Liability Insurance (Occurrence Form)

General Aggregate (other than Prod/Comp Ops Liability)	$2,000,000
Products/Completed Operations Aggregate	$2,000,000
Personal & Advertising Injury Liability	$1,000,000
Each Occurrence	$1,000,000
Damages to Premises Rented to You (Any one fire)	$100,000
Medical Expense (Any one person)	$15,000

The General Aggregate must apply on a per project basis.

(b) Workers Compensation Insurance and Employer's Liability Insurance

Workers' Compensation	$1,000,000 Limits
Employer's Liability	
Bodily Injury by Accident	$1,000,000 each accident
Bodily Injury by Disease	$1,000,000 policy limit
Bodily Injury by Disease	$1,000,000 each employee
All States Endorsement	

(c) Disability Insurance

Disability insurance shall be in accordance with the provisions and requirements of the New York State Disability Law.

(d) Commercial Comprehensive Automobile Liability Insurance

Commercial Comprehensive Automobile Liability Insurance covering the use of all Owned and Non-Owned and Hired Vehicles with a combined Bodily Injury and Property Damage Limit of at least one million dollars ($1,000,000).
No fault liability as required by statute under New York law.

(e) Umbrella Liability Insurance
Umbrella liability insurance must be excess over the above required comprehensive general, liability insurance, automobile liability insurance and employer's liability insurance in the amount of five million dollars ($5,000,000) general aggregate.

(f) Professional Liability Insurance
Professional liability insurance with limits not less than one million dollars ($1,000,000) for each occurrence and in the aggregate. (Coverage under such policy must extend to the Operator's board members.)

(g) Pollution Liability Insurance
Pollution liability insurance with limits not less than one million dollars ($1,000,000).

2. Additional Insureds. On all insurance policies required herein, the Operator will name The Rockland County Solid Waste Management Authority DBA Rockland Green, its officers, agents, employees, and consultants as additional insureds on a primary, non-contributory basis (the "Additional Insureds") using ISO form CG2026 04/13 or copies of the equivalent and including Completed Operations using form CG2037 04/13, or copies of the equivalent as approved by Rockland Green. Additional Insured Status must be on a primary and non-contributory basis.

   The Operator will waive subrogation rights of its various insurance carriers in favor of The Rockland County Solid Waste Management Authority DBA Rockland Green, using Form CG2404 or equivalent.

3. Insurance Certificates and Policies. Insurance and any renewals thereof will be evidenced by certificates of insurance (the "Certificates") and copies of all insurance policies issued or countersigned by a duly authorized representative of the issuer and delivered to Rockland Green for its approval prior to the execution of the Service Contract and each January 1 thereafter while the Service Contract remains in place or, in the case of a renewal, as reasonably provided by the insurer. The Certificates will require thirty (30) days' written notice to Rockland Green, of cancellation, intent not to renew, or reduction in its coverage by the insurance company, except with respect to non-payment of premium for which the Certificates will require ten (10) days' written notice to Rockland Green. The Operator shall also provide upon Rockland Green's request, copies of declaration pages, including forms.

4. Non-Recourse Provision. All insurance policies will provide that the insurers will have no recourse against the Additional Insureds for payment of any premium or assessment and will contain a severability of interest provision in regard to mutual coverage liability policies. The coverages provided by mutual coverage liability insurance policies required pursuant to the Service Contract will be the primary source of any restitution or other recovery for any injuries to, or death of persons, or loss or damage to property incurred as

a result of an action or inaction of the Operator or its Subcontractors, of their respective suppliers, employees, agents, representatives, or invitees, that fall within these coverages and also within the coverages of any liability insurance or self-insurance program maintained by Rockland Green.

5. Deductibles. All deductibles applicable to the Required Insurance will be agreed upon by the Operator and Rockland Green and payment of the deductibles will be the obligation of the Operator.

6. Subcontractors. The Operator will be responsible for ensuring that all Subcontractors that are working at the Animal Shelter or on the Animal Shelter Premises secure and maintain all insurance coverages above and other financial sureties required by Applicable Law in connection with their presence and the performance of their duties at or concerning the Animal Shelter.

7. Specific Provisions for Comprehensive General Liability Insurance. Comprehensive General Liability insurance, as required under paragraph 1. (a.), will include premises-operations, blanket contractual, products and completed operations, personal injury, explosion, collapse, underground hazards, and broad form property damage, including completed operations and independent contractor's coverages.

   Broad Form Blanket Contractual Liability for liability assumed under the Service Contract will attach and all other contracts relative to the Services.

8. Specific Provisions for Worker's Compensation Coverage. Worker's Compensation insurance must be in accordance with the requirements of New York law, as amended from time to time.

9. Changes in Insurance Coverage. The insurance listed herein are the minimum coverages permitted. If Rockland Green decreases such coverage, any cost savings will be credited to the benefit of Rockland Green.

10. Qualifications of Insurers. The Operator is required to obtain the insurance set forth in the Service Contract with insurance companies that carry a Best's "A" or equivalent rating. In addition, insurance must be obtained and maintained with insurers authorized to do business in the State of New York.

APPENDIX F

SERVICE CONTRACT

[*To be provided by addendum*]

APPENDIX G

FORM OF
PERFORMANCE BOND AND LETTER OF CREDIT

[FORM OF PERFORMANCE BOND]

Bond No. _____

KNOW ALL MEN BY THESE PRESENT, that we _____ with a place of business at _____ as principal (the "Principal"), and _____, a corporation qualified to do business in the State of New York, with a place of business at _____ as Surety (the "Surety"), are held and firmly bound unto Rockland Green, also known as the Rockland County Solid Waste Management Authority, as Obligee (the "Obligee"), in the sum of *[insert amount and spell out bond penal sum]* lawful money of the United States of America, to be paid to the Obligee, for which payment, well and truly to be made, we bind ourselves, our respective heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these present.

WHEREAS, the Principal has assumed and made a contract with the Obligee, bearing the date of _____, and entitled the Service Contract (the "Agreement").

NOW THE CONDITIONS of this obligation are such that if the Principal and all Subcontractors under said contract shall well and truly keep and perform all the undertakings, covenants, agreement, terms, and conditions of said contract on its part to be kept and performed during the original term of said contract and any extensions thereof that may be granted by the Obligee, with or without notice to the Surety, and during the life and including any guarantee required under the contract, and shall also well and truly keep and perform all the undertakings, covenants, agreements, terms and conditions of any and all duly authorized modifications, alterations, changes or additions, the obligations of the Surety set forth herein shall become null and void only if expressly waived in writing by the Obligee Rockland Green; otherwise such obligations shall remain in full force and virtue.

IN THE EVENT the Agreement is abandoned by the Principal, or is terminated by the Obligee, Rockland Green, under the applicable provisions of the Agreement, the Surety hereby further agrees that the Surety shall, if requested in writing by Rockland Green, promptly take all such actions as is necessary to complete said Agreement in accordance with its terms and conditions.

IN WITNESS WHEREFORE, the Principal and Surety have hereto set their hands and seals this _____ day of _____, 20___.

PRINCIPAL SURETY

_____

_____

[Name and Seal] [Attorney-In-Fact][Seal]

_____ _____
_____
[Title] [Address]
_____
_____
[Phone]
Attest: _____ Attest: _____
The rate for this Bond is _____% of the first $_____ and _____% for the next $_____.
The total premium for this Bond is $_____.

[*END OF PERFORMANCE BOND*]

[FORM OF LETTER OF CREDIT]

Date:
Our Ref. No.:
Amount: US$[ ]
Expiry:
Beneficiary: Rockland Green

Dear Sirs:
By order of and for the account of [ ], a [ ] organized and existing under the laws of [ ] (the "Operator") we, [INSERT NAME AND ADDRESS OF BANK], hereby establish in favor of ROCKLAND GREEN ("Rockland Green" or the "Beneficiary") our Irrevocable Letter of Credit No. _____ (the "Letter of Credit") in the amount of [ ] dollars ($[ ]) (the "Stated Amount").

We are advised by the Operator that this Letter of Credit is issued in accordance with the Service Contract for the Operation and Maintenance of the RG CARES Animal Shelter Located at 10 Ecology Road in Haverstraw, New York between Rockland Green and the Operator, dated [ ] (the "Service Contract"). This Letter of Credit is effective immediately and expiring at the close of business on [ ] (the "Stated Termination Date"). All drawings under this Letter of Credit shall be paid with our own funds. We hereby irrevocably authorize you to draw on us, in an aggregate amount not to exceed the Stated Amount and in accordance with the terms and conditions as hereinafter set forth, in one or more drawings by one or more of your drafts in the form of Annex A attached hereto, payable at sight by you on a Business Day (as hereinafter defined), and accompanied by your written and completed certificate in the form of Annex B attached hereto (any such draft accompanied by such certificate being your "Drawing Certificate"), representing amounts payable to you by the Operator under the Service Contract.

Each Drawing Certificate drawn under this Letter of Credit must be dated the date of presentation and bear on its face the clause "Drawn under Irrevocable Letter of Credit No. __" Funds under this Letter of Credit shall be available to you against receipt by us of your Drawing Certificate. Presentation of any such Drawing Certificate by you or an Authorized Representative of the Beneficiary shall be made at our office located at:

[BANK]
[STREET ADDRESS]
Attention: Letter of Credit Department
Telephone no.: ( ) -
Fax no.: ( ) –

Demand for payment hereunder may also be made in the form of a facsimile transmission of the appropriate Drawing Certificate hereunder to the address and fax number shown above. You must confirm our receipt of each faxed Drawing Certificate by telephoning the number shown above.

Only upon such confirmation shall the demand under such Drawing Certificate be made. As used herein, the term "Business Day" means any day, other than a Saturday or Sunday or other day on which we at the aforesaid office are authorized or required by law or executive order to close.
In the case of a presentation of a Drawing Certificate hereunder, if such Drawing Certificate is presented hereunder by sight or facsimile transmission as permitted hereunder, by 10:00 a.m. eastern standard time on a Business Day, and provided that such Drawing Certificate conforms to the terms and conditions hereof, payment shall be made to you, of the amount specified, in immediately available funds, not later than 5:00 p.m. eastern standard time on the next business day or such later Business Day as you may specify. If a Drawing Certificate is presented by you or an Authorized Representative of the Beneficiary hereunder after the time specified hereinabove, on a Business Day, and provided that such Drawing Certificate conforms to the terms and conditions hereof, payment shall be made to you, of the amount specified, in immediately available funds, not later than 5:00 p.m. eastern standard time on the second succeeding Business Day thereafter or such later business day as you may specify. If requested by you, payment under this Letter of Credit may be made by wire transfer of Federal Reserve Bank of New York funds to your account in a bank on the Federal Reserve wire system or by deposit of immediately available funds into an account that you maintain with us. Upon honoring any Drawing Certificate presented by you or an Authorized Representative of the Beneficiary hereunder, the amount available to be drawn hereunder by you by any subsequent Drawing Certificate shall be automatically replenished up to the Stated Amount. Only you or an Authorized Representative of the Beneficiary may make a drawing under this Letter of Credit. Upon any payment to you, of the amount demanded hereunder, we shall be fully discharged of our obligation under this Letter of Credit with respect to such demand for payment, and we shall not thereafter be obligated to make further payments under this Letter of Credit with respect to that payment to you. Except as set forth in the next paragraph and the certificates referred to herein, this Letter of Credit sets forth in full our undertaking, and such undertaking shall not in any way be modified, amended, amplified or limited by reference to any document, instrument or agreement referred to herein (including, without limitation, the Service Contract); and such reference shall not be deemed to incorporate herein by reference any document, instrument or agreement, except as set forth in the next paragraph and for the certificates referred to herein.

This Letter of Credit is to be construed in accordance with the International Standby Practices 1998, International Chamber of Commerce Publication 590 (the "ISP98") and any subsequent revisions thereto, as interpreted by the laws of the State of New York.

Very truly yours,
[BANK]

_____
Signature

_____
Printed name

_____
Title

ANNEX A TO LETTER OF CREDIT
FORM OF SIGHT DRAFT

AT SIGHT PAY TO ROCKLAND GREEN, as Beneficiary, [Amount in words] United States Dollars (US$). Drawn under Irrevocable Letter of Credit No.

ROCKLAND GREEN
Date of Presentation: [ ]

_____
Signature of
Authorized Representative

_____
Printed name

_____
Title

ANNEX B TO LETTER OF CREDIT
CERTIFICATE FOR DRAWING
IN CONNECTION WITH PAYMENT OF AMOUNTS UNDER THE AGREEMENT

Drawn under Irrevocable Letter of Credit No.:

The undersigned, a duly authorized representative of Rockland Green ("Rockland Green" or the "Beneficiary") or its Representative, hereby certifies to [Name of Bank] (the "Bank"), with reference to Irrevocable Letter of Credit No. (the "Letter of Credit"); terms defined therein but not otherwise defined herein being used herein as therein defined) issued by the Bank in favor of the Beneficiary as follows:

The Beneficiary is a party to the Service Contract between Rockland Green and the Operator, dated as of [ ] (the "Service Contract") by and between the Beneficiary and [ ] (the "Operator"). The Beneficiary is making a demand for payment under the Letter of Credit in the amount of [ ] United States Dollars (US$) and such amount represents an amount owed to the Beneficiary with respect to an obligation of the Operator under the Service Contract and does not exceed the Stated Amount.

Payment of the amount described hereby shall be made by wire transfer to the following account: [wire transfer instructions].

The undersigned is the [Title] of Rockland Green, is a duly authorized representative of the Beneficiary and authorized to bind Rockland Green.

IN WITNESS WHEREOF, the Beneficiary has caused this certificate to be executed and delivered by its Representative as of this __ day of _____, ____.

ROCKLAND GREEN

_____
Signature of
Authorized Representative

_____
Printed name

_____
Title

APPENDIX H

FORM OF PROPOSAL BOND

[FORM OF PROPOSAL BOND]

KNOW ALL MEN BY THESE PRESENTS, that we [NAME OF PROPOSER], as Principal (hereinafter the "Proposer") and [NAME OF SURETY], a [Corporation], [Partnership] duly organized under the laws of the State of _____, as the Surety, are held and firmly bound unto the Rockland County Solid Waste Management Authority d/b/a Rockland Green, Rockland County, New York (the "Rockland Green"), as Obligee, in the sum of _____ Dollars ($_____) lawful money of the United States of America to be paid to Rockland Green, its successors or assigns, for which payment, well and truly to be made, we bind ourselves, our successors and assigns, jointly and severally, firmly by these presents; and

WHEREAS, the above-named Proposer has submitted or is about to submit to Rockland Green a Proposal operate the RG CARES Animal Shelter as described in the Request for Proposals [ ], dated [,] 2026 (the "RFP"), issued by Rockland Green and covered by the Proposal submitted by the Proposer in response thereto, which Proposal is made a part hereof.

NOW, THEREFORE, the Surety hereby understands that if the above-referenced Proposer is selected by Rockland Green as a preferred Proposer, then the Proposer will enter into a Service Contract and the surety bond acceptable to Rockland Green ensuring faithful performance of the Service Contract will be delivered to Rockland Green within the time specified in the RFP, or any extension thereof agreed to in writing by Rockland Green. The Surety hereby agrees that if the Proposer shall fail to do so, Surety will pay to Rockland Green as liquidated damages, the full amount of this bond within thirty (30) calendar days after receipt by Proposer and Surety of written notice of such failure from Rockland Green, which notice shall be given with reasonable promptness, identifying this bond and including a statement of the amount due. Upon execution of the Service Contract and delivery of the Performance Bond, this bond shall thereafter become null and void, otherwise to remain in full force and effect unless terminated as hereinafter provided.

It is agreed that this bond shall become effective on the date the Proposal is submitted and will continue in full force and effect for one hundred and eighty (180) days from such date of submittal (unless extended for up to an additional one hundred and eighty (180) days) or until terminated as hereinafter provided.

If the Proposal is not accepted within the time specified in the RFP, or any extension thereof agreed to in writing by Rockland Green, then after written notice by Rockland Green of such nonacceptance, this bond may be terminated by the Surety or Proposer upon written notice to each other and to Rockland Green by certified mail at least ten (10) days prior to the termination date specified in such notice. Upon the giving of such notice, Surety shall be discharged from all liability under this bond for any act or omission of the Proposer occurring after the date of the notice of non-acceptance.

Any suit or action under this bond shall be commenced only in a court of competent jurisdiction located in the State of New York.

IN WITNESS WHEREOF, Surety and Proposer, intending to be legally bound hereby, do each cause this Proposal Bond to be duly executed on its behalf by its authorized officers, agent or representative.

Signed and sealed this _____ day of _____, ____.

SURETY	PROPOSER
[NAME OF SURETY]	[NAME OF PROPOSER]
Name: _____	Name: _____
Signature: _____	Signature: _____
Title: _____	Title: _____

REFERENCE DOCUMENT 1

STANDARD OF CARE ACT
ARTICLE 26-C OF THE NEW YORK AGRICULTURE AND MARKETS LAW

NY CLS Agr & M, Art. 26-C

Current through 2026 released Chapters 1-314.

New York Consolidated Laws Service > Agriculture And Markets Law (Arts. 1 — 30) > Article 26-C Regulation of Animal Shelters (§§ 420 — 434)

Article 26-C Regulation of Animal Shelters

History

L 2022, ch 683, § 2, effective December 15, 2022.

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End of Document

NY CLS Agr & M § 420

Current through 2026 released Chapters 1-314.

New York Consolidated Laws Service > Agriculture And Markets Law (Arts. 1 — 30) > Article 26-C Regulation of Animal Shelters (§§ 420 — 434)

§ 420. Definitions.

For purposes of this article, the following terms shall have the following meanings:

1. "Adoption" means the transfer of legal ownership to and possession by any natural person eighteen years of age or older, for the limited purpose of harboring a pet, of any dog or cat, owned by the animal shelter regardless of whether a fee is involved.

2. "Adult" shall mean cats and dogs five months of age and older, for the purposes of determining appropriate housing within an animal shelter.

3. "Animal" shall mean a dog or cat as defined in this section, but shall not be construed to diminish or restrict the mission of any animal shelter defined in this section or other entity duly incorporated pursuant to *section fourteen hundred three of the not-for-profit corporation law* solely to the care of dogs or cats.

4. "Air handling system" shall mean the device or equipment used to regulate, circulate, exchange, heat, and/or cool the air inside a building.

5. "Ambient temperature" shall mean the temperature of the environment inside a room or building.

6. "Animal shelter" shall mean a public or not-for-profit entity owning, operating, or otherwise maintaining a building, structure, or facility where temporary or permanent housing and care is provided to stray, abandoned, abused, seized, impounded, owner-surrendered or otherwise unwanted animals regardless of whether or not such facility also serves as a personal residence. This includes but is not limited to: facilities owned, operated, or maintained by a duly incorporated society for the prevention of cruelty to animals, duly incorporated humane society dog or cat protective association, or pound; any person in the employ of, or organization operated by or under contract to a municipality to provide care for seized or impounded animals; or any other not-for-profit organization involved in the protection, care, or rehoming of animals. Unless otherwise provided in this article, the term "animal shelter" shall not include the personal residence of any foster care provider as defined in this section; a facility commonly known as a boarding kennel, where the ownership of the animal is not transferred; any entity licensed as a pet dealer pursuant to article twenty-six-A of this chapter; any duly incorporated animal hospital owned, operated or supervised by a duly licensed veterinarian; or any facility where the owner or operator is licensed by the New York state department of environmental conservation as a nuisance wildlife control agent or wildlife rehabilitator.

7. "Aseptic" shall mean procedures or techniques performed in a manner sufficient to exclude harmful bacteria, viruses, or other microorganisms.

8. "Behavioral evaluation" shall mean an ordered series of interactions with an animal to determine their behavioral response to various stimuli likely to be encountered in a typical home environment.

9. "Cat" shall mean any member of the species Felis catus, regardless of age, sex, breed, ownership status or behavior around humans.

10. "Chemical capture" shall mean the use of drugs administered to an animal by a remote delivery system in order to immobilize it for the purposes of capture.

11. “Cleaning” shall mean the physical removal of debris and organic material from an environment.

12. “Conspecific” shall mean another member of the same species.

13. “Control pole” shall mean a restraint device consisting of a rigid metal pole with an adjustable wire noose used for handling and restraint of dogs, also commonly referred to as a catch pole or rabies pole.

14. “Death”, for the purposes of describing the disposition of an animal, shall mean those animals who die but are not euthanized, regardless of cause.

15. “Disinfection” shall mean the process where microorganisms are killed or inactivated, typically through the application of a chemical or by some physical process (e.g. steam, heat, etc).

16. “Dog” shall mean any member of the species Canis lupis familiaris, regardless of age, sex, breed, ownership status, or behavior around humans.

17. “Drop boxes” shall mean unattended enclosures at an animal shelter that are accessible to the public and used to contain animals brought to the animal shelter outside of regular business hours.

18. “Enclosure” shall be defined as an area of confinement used for housing a single animal or group of animals housed together. An enclosure may be a cage, run, kennel, room, or other such confining area.

19. “Enriched” shall mean environment that reduces stress and promotes the physical health and behavioral well-being of an animal.

20. “Enrichment” shall mean a process for improving the environment and behavioral care of confined animals in order to reduce stress and improve well-being. Enrichment shall include, but not be limited to, providing physical and mental stimulation, encouraging species-typical behaviors, and modifying the animal’s housing environment.

21. “Foster care provider” shall mean any individual voluntarily providing temporary care for one or more animals in their home that remain in the custody and under the responsibility of an animal shelter.

22. “Infectious disease” shall mean a disease or condition caused by bacteria, viruses, fungi or parasites that can be transmitted, directly or indirectly, from one animal or individual to another.

23. “Intracardiac” shall mean an injection made directly into one of the chambers of the heart.

24. “Intrahepatic” shall mean an injection made into the liver.

25. “Intrarenal” shall mean an injection made into the kidney.

26. “Intrasplenic” shall mean an injection made into the spleen.

27. “Juvenile” shall mean any cat or dog between two and five months of age for the purposes of determining appropriate housing within an animal shelter.

28. “Loss” for the purposes of describing the disposition of an animal, shall mean those animals who escape or go missing while in the care of an animal shelter.

29. “Long-term stay” shall mean any duration of care in an animal shelter of fourteen days or longer.

30. “Neonate” shall mean any cat or dog less than two months of age, for the purposes of determining appropriate housing within an animal shelter.

31. “Pathogen” shall mean a biologic organism capable of causing disease in an animal, such as a bacteria, virus, or fungus.

32. “Primary enclosure” shall mean the area of confinement used for housing an animal and where the animal spends the majority of its time in an animal shelter.

33. “Thermoregulation” shall mean the ability of an animal to maintain its internal body temperature within a normal physiologic range.

34. “Transport” shall mean the physical movement of an animal from one location to another, regardless of purpose and whether or not custody or responsibility for such animal changes as a result, when carried out by the shelter or an agent thereof.

35. “Transfer” shall mean the transfer of ownership and physical custody of an animal for an animal’s care and well-being from an animal shelter to another organization as authorized pursuant to subdivision five of *section three hundred seventy-four* of this chapter.

36. “Unenveloped virus” shall mean those viruses without an outer lipid layer that are more difficult to inactivate through sanitation procedures. Unenveloped viruses of concern in an animal shelter environment include canine and feline parvoviruses, feline calicivirus, and canine adenovirus-2.

37. “Zoonotic” shall mean any disease that may be transmitted between humans and animals.

History

L 2022, ch 683, § 2, effective December 15, 2022.

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§ 421. License required and inspection of facilities.

1. Any person eligible for exemption from the definition of pet dealer pursuant to paragraphs (b) and (c) of subdivision four of *section four hundred* of this chapter shall be licensed by the department pursuant to the provisions of this section. Notwithstanding the foregoing, any person, operating an animal shelter on or before the effective date of this section, who has filed an application for an initial license under this article is hereby authorized to operate without such license until the commissioner grants or, after notice of an opportunity to be heard, declines to grant such license. Each application for license shall be made on a form supplied by the department and shall contain such information as required by the commissioner. Renewal applications shall be submitted to the commissioner at least thirty days prior to the commencement of the next license year.

2. Application for licensure as set forth in this section shall be made annually to the commissioner on a form prescribed by the commissioner. Such form shall include but not be limited to the following information, provided however that paragraphs (a), (b) and (c) of this subdivision shall not apply to municipal pounds or shelters as defined in paragraph (b) of subdivision four of *section four hundred* of this chapter:

(a) Proof of the applicant's tax exempt designation pursuant to paragraph 3 of subsection (c) of *section 501 of the federal Internal Revenue Code*, *26 U.S.C. 501*, or any subsequent corresponding sections of the federal Internal Revenue Code, as from time to time amended;

(b) Proof of the applicant's incorporation as a not-for-profit organization in this state pursuant to the not-for-profit corporation law, provided further that such organization is in good standing with the attorney general and the department of state;

(c) Proof of the applicant's registration with the attorney general pursuant to article seven-A of the executive law;

(d) If the applicant is a municipal pound or shelter as defined in paragraph (b) of subdivision four of *section four hundred* of this chapter, a copy of the applicant's employer identification number;

(e) The name of the applicant and the name or names under which the applicant offers its services to the public, any name under which the applicant has offered such services to the public during the past five years, and whether the applicant has ever held a pet dealer license issued pursuant to article twenty-six-A of this chapter;

(f) The address and telephone number of the applicant and for any other premises owned or leased by such applicant's organization to carry out the purposes for which it was incorporated and by which it is eligible for a licensing exemption pursuant to paragraphs (b) and (c) of subdivision four of *section four hundred* of this chapter;

(g) The website and email address of the applicant;

(h) The number of animals taken in, adopted, placed into permanent or temporary homes, or otherwise transferred into, out of, or within the state by the applicant during the prior calendar year;

(i) The number of animals currently harbored by the applicant;

(j) The species of animal the applicant typically harbors for adoption, placement or transfer;

(k) A description of facilities by which the applicant carries out the purposes for which it was incorporated, including a statement regarding whether the applicant harbors the animals in its care in its own physical animal shelter or utilizes foster care provider homes, commercial boarding kennels or other arrangements;

(l) A sworn statement, signed by the applicant, declaring an exemption from the definition of pet dealer pursuant to *section four hundred* of this chapter;

(m) Current training protocol and procedural practices as prescribed pursuant to sections four hundred twenty-two and four hundred twenty-three of this article; and

(n) Other information as deemed necessary to satisfy the commissioner of the applicant's character and responsibility.

3. The commissioner shall conduct an inspection of the applicant's facilities prior to the issuance of a license pursuant to this section, and annual inspections of the applicant's facilities licensed pursuant to this section prior to renewal of such license. The commissioner may periodically conduct unannounced inspections of such facilities, and whenever, in the discretion of the commissioner, a complaint warrants such investigation. Animal shelters licensed pursuant to this section shall provide open hours to the commissioner so that inspections can occur in a timely manner. Renewal of an animal shelter license shall not be granted until all outstanding violations issued pursuant to this article are corrected and any outstanding monetary penalties assessed pursuant to this article are paid in full.

4. Upon validation by the commissioner, the application shall become the license of the animal shelter and an exemption from the definition of pet dealer as defined in *section four hundred* of this chapter shall be granted. The commissioner shall retain a copy of such license and provide a copy of the license to the animal shelter. Animal shelters licensed pursuant to this section shall conspicuously display their license on the premises where its animals are harbored. The commissioner shall also provide the licensee with a pet dealer exemption identification number. The licensee's pet dealer exemption identification number shall be prominently displayed on the licensee's websites and any publications or advertisements made available to the public.

5. Such license shall be renewable annually, upon the payment of a nonrefundable fee of one hundred fifty dollars.

6. The moneys received by the commissioner pursuant to this section shall be deposited in the "animal shelter regulation fund" established pursuant to *section ninety-nine-pp of the state finance law*.

7. The commissioner may decline to grant or renew, or may suspend or revoke an animal shelter license, on any one or more of the following grounds, provided that before any of the aforementioned actions are taken pursuant to this section, the commissioner shall hold a hearing, upon due notice to the licensee in accordance with any regulations promulgated by the department and in accordance with articles three and four of the state administrative procedure act, and provided further that any action of the commissioner is subject to judicial review in a proceeding under article seventy-eight of the civil practice law and rules:

(a) material misstatement in the license application;

(b) material misstatement in or falsification of records required to be kept pursuant to this article, or under any regulation promulgated thereunder, or failure to allow the commissioner to inspect records of animal shelter facilities;

(c) violation of any provision of this article or conviction of a violation of any provision of article twenty-six of this chapter or regulations promulgated thereunder pertaining to humane treatment of animals, cruelty to animals, endangering the life or health of an animal, or violation of any federal, state, or local law pertaining to the care, treatment, sale, possession, or handling of animals or any regulation or rule relating to the endangerment of the life or health of an animal;

(d) failure to comply with any of the provisions of this article or the licensing exemption requirements of *section four hundred* of this chapter; 1 NYCRR Part 65 regarding the importation of dogs and cats; *section twenty-one hundred forty-one of the public health law* or any rule or regulation promulgated thereunder; or any rule or regulation promulgated by the commissioner following the effective date of this article to effectuate the purposes of this article;

(e) failure to renew a license within the period prescribed in subdivision one of this section; or

(f) the applicant or registrant was previously licensed as a pet dealer pursuant to article twenty-six-A of this chapter.

History

L 2022, ch 683, § 2, effective December 15, 2022.

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§ 422. Personnel training requirements.

1. Each animal shelter licensed pursuant to this article shall provide training to all staff members and volunteers having direct animal care responsibilities. Such training shall be provided within the first sixty days of employment and at least annually thereafter and shall be in addition to any and all training otherwise required by federal, state, or local law or regulation.

2. Acceptable training modalities shall include, but not be limited to, online webinars, on-site lectures or seminars, off-site conferences for animal shelter staff, or other formal training modalities as authorized by the commissioner.

3. Training topics shall include, but not be limited to, the following:

(a) humane handling techniques;

(b) infectious diseases commonly found in animal shelters;

(c) zoonotic diseases;

(d) animal cruelty;

(e) sanitation procedures;

(f) body language and normal behaviors for all species regularly handled; and

(g) required documentation and data entry.

4. Complete documentation of training sessions shall be maintained for a period of not less than three years from the date of training completion. Such documentation shall include, but not be limited to, the following:

(a) the date of training delivery and the date of completion;

(b) the topic or topics of the training session; and

(c) the provider of the training and a list of training course attendees.

History

L 2022, ch 683, § 2, effective December 15, 2022.

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§ 423. Recordkeeping and protocols.

1. Each animal shelter shall examine an animal upon intake for unique identifiers and any other form of identification that may allow for reunification with an owner, as prescribed in sections one hundred seventeen and three hundred eighty-two of this chapter.

2. Each animal shelter shall create and maintain a record for each animal in their custody or possession which shall minimally include:

(a) Unique identifiers and any other identification associated with the animal upon examination at entry, including but not limited to a tattoo, a permanent official identification number as prescribed in *section one hundred twelve* of this chapter or other identification tags, rabies tags and numbers, or a microchip number, if present;

(b) The name, address and telephone number of the person surrendering an animal or from whom an animal is seized, and additional contact information as the commissioner may require, or the address or cross-streets and city, town, or village where the animal was located or found prior to intake, if known;

(c) The date of intake into and departure from the animal shelter;

(d) Whether the animal was adopted, transferred, redeemed by its owner, died or was humanely euthanized, and, if applicable, the name, address, and phone number of the receiving individual or agency;

(e) Basic descriptors including species, age, gender, physical description including color, and the spay or neuter status at entry if determinable with reasonable certainty;

(f) Any available behavioral or health history or information otherwise obtained at intake, including bite history and rabies vaccination status, when known; and

(g) All veterinary and behavioral examinations, treatments, procedures, or medications occurring during the animal's time under the care of the shelter.

3. Notwithstanding any other provision of law or regulation to the contrary, records for each animal shall be maintained for not less than three years from the date of animal departure.

4. Previous bite history shall be fully disclosed in writing to an adopter, transfer partner, or reclaiming owner and provided in any reports regarding the animal, as applicable.

5. Nothing in this section shall preclude or otherwise supersede record disclosure requirements prescribed in *section sixty-seven hundred fourteen of the education law*, or any requirement regarding the creation, maintenance, or retention of veterinary medical records in state or federal law or veterinary practice guideline.

6. Each animal shelter shall maintain a record of its designated foster care providers that shall include the written agreement established between such animal shelter and such providers pursuant to *section four hundred thirty-two* of this article, each provider's name, address, telephone number, email address if available, types of animals for which the provider is willing to provide care, inspection reports, and current

number of animals in the care of a designated foster care provider. Such records shall be updated immediately in the event any contact information for a given foster care provider changes.

7. Each animal shelter shall maintain summary records of their total annual animal intake and dispositions by species, by source of intake, and by type of disposition. Such records shall be made available to the commissioner upon request. The commissioner shall make such records available to the public upon request pursuant to article six of the public officers law.

8. Each animal shelter shall develop and maintain written protocols sufficiently detailed to achieve and maintain the standards prescribed in this section. These shall include, but not be limited to, the following:

(a) animal handling;

(b) behavioral assessment;

(c) enrichment and stress reduction;

(d) management of bite/scratch cases; and

(e) sanitation.

9. Each animal shelter shall also develop and maintain the following written protocols, approved by a duly licensed veterinarian and sufficiently detailed to achieve and maintain the standards prescribed in this article:

(a) nutrition and feeding;

(b) physical examination;

(c) emergency veterinary care;

(d) pain management;

(e) vaccinations;

(f) parasite control;

(g) anesthesia and surgery, if performed on-site by the organization;

(h) humane euthanasia; and

(i) outbreak management/control of infectious diseases.

10. Protocols established by each animal shelter pursuant to this section shall be reviewed annually and updated as necessary by designated administrative and managerial staff. Such protocols shall be made readily accessible to appropriate staff and volunteers.

History

L 2022, ch 683, § 2, effective December 15, 2022.

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§ 424. General facility standards.

1. All facilities and all interior components of each animal shelter shall be constructed of materials that ensure a sound physical structure, and shall be maintained so as to protect animals from injury, ensure containment of animals within the property, and restrict unauthorized entry of other animals and humans to the building.

2. Indoor building surfaces in direct contact with animals shall be constructed of materials that are non-porous, water resistant, non-toxic and able to withstand regular cleaning and disinfection. Adequate drainage shall prevent the accumulation of water or other liquids on floors.

3. Electrical power and running water shall be maintained to all parts of the facility that house animals, with written emergency plans for back-up sources or relocation of the animals to a safe environment in the event of outages lasting more than four hours.

4. Readily accessible sinks shall be convenient to all animal care areas. Single service soap and towels or electric hand dryers shall be available at all hand-washing locations.

5. Ambient temperatures in all indoor animal housing areas shall be routinely maintained between sixty and eighty degrees fahrenheit.

6. Each animal shall be monitored and provided with an environment allowing maintenance of normal body temperature based on species, breed, body condition, medical condition, and age.

7. Each animal shelter shall document regular maintenance of air handling systems according to the manufacturer's recommendations.

8. Ammonia levels shall be kept at less than two parts per million.

9. Each animal shelter shall provide separate housing areas, segregated by species and from uninfected, unexposed animals, for the housing of any animal with an infectious disease that may be transmitted within the shelter environment and requiring isolation as determined by a licensed veterinarian. Doors separating such rooms from the remainder of the facility shall be kept closed.

10. Each animal shelter shall minimize continuous exposure of personnel and animals to sound levels exceeding eighty-five decibels. Active measures shall be taken and documented to minimize sound levels in housing areas. Such measures may include modified kennel design, relocation of particularly loud animals, or use of visual barriers, sound baffling, and behavioral enrichment protocols. Each animal shelter shall use a decibel-meter at a minimum of once weekly to measure the level of sound in their kennels during cleaning and resting times. A record of such measurements and the date such measurements were recorded shall be maintained by each animal shelter.

11. Each animal shelter shall provide animal housing areas that provide adequate lighting and a means to maintain diurnal light cycles pursuant to an established schedule. All animals shall have a minimum of eight hours each of light and darkness within a twenty-four-hour cycle.

12. Each animal shelter shall establish and maintain a written plan for pest and vermin control including the following:

(a) Method of controlling rodent infestation that is effective and safe for both humans, and animals housed in the facility;

(b) A record or copies of service reports from outside service providers related to pest and vermin control that documents dates, methods, locations, and outcomes, if applicable; and

(c) Food stored in rodent proof containers to prevent spoilage, contamination, and infestation once opened, if packaging has been damaged, or as otherwise required by such plan.

13. The use of unattended drop boxes for intake of animals is prohibited.

History

L 2022, ch 683, § 2, effective December 15, 2022.

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§ 425. Animal housing.

1. Each licensed animal shelter shall provide each animal in its custody or possession with a suitable primary enclosure that meets the requirements prescribed in this section.

2. Unsupervised tethering for periods exceeding thirty minutes is prohibited.

3. Animal housing shall meet the following requirements:

(a) materials used in housing construction shall be non-porous, water-resistant, non-toxic, and able to withstand regular cleaning and disinfection;

(b) drainage shall prevent accumulation of water or other liquids on floors; and

(c) housing shall be structurally sound, in good repair and maintained in a safe, working condition to properly confine animals, prevent injury, keep animals safe from predation, keep other animals out, and allow animals to remain dry and clean.

4. Wire or slat-bottom cages are prohibited unless a solid tray is provided for the cage bottom to prevent injury to the animal.

5. Animal populations shall be segregated appropriately, in accordance with the following requirements:

(a) dogs and cats shall be housed in separate rooms with efforts made to minimize the exposure of cats to the barking of dogs to the extent practicable;

(b) animals of the same species shall be separated by age groups (e.g. neonates and juveniles; adults) except that nursing animals may be housed with their offspring;

(c) animals with known or suspected infectious diseases shall be housed in isolation areas as prescribed in subdivision nine of *section four hundred twenty-four* of this article;

(d) nothing in this subdivision shall be construed to prevent the temporary housing of animals in areas without such segregation for medical care and in pre- and post-operative surgical areas.

6. Well-socialized, healthy animals may be housed with one or more conspecifics. Animals housed together shall be compatible and have similar environmental requirements. Such housing shall not allow exposure to numerous different animals on a frequently changing basis.

7. Prior to being housed with one or more other animals the following conditions shall apply:

(a) all animals are vaccinated and dewormed against the pathogens specified in *section four hundred twenty-nine* of this article;

(b) physical examinations verifying the absence of clinical signs of infectious diseases have been performed;

(c) surgical sterilization or housing in same-sex groupings, except littermates under twelve weeks of age; and

(d) the animal has a collar or tag to facilitate visual identification, unless the animal's age or condition is such that application of visual identification is not practicable or would be detrimental to the animal's health.

8. Animals that are poorly socialized, fearful, or aggressive towards other animals or that are ill, injured, or within a week of whelping or queening shall be housed individually in a suitably sized, enriched primary enclosure.

(a) Littermates under the age of twelve weeks may be co-housed in an isolation area if all individuals are infected with the same infectious, contagious, parasitic or communicable disease.

(b) Dogs and cats within a week of giving birth or until separation from the offspring shall be provided with a box with a solid floor large enough to allow the animal to lie fully stretched on its side, permitting all offspring to nurse and to accommodate all offspring until weaned; and an area large enough to allow the dam or queen to leave the whelping box.

9. Each enclosure shall clearly indicate the identities of all animals contained within, specifying each animal's unique identifier as required under *section four hundred twenty-three* of this article. Each animal shall also be individually identified.

10. All primary enclosures shall provide sufficient space to allow each animal, regardless of species, to:

(a) make all normal postural adjustments;

(b) fully stretch its body and have sufficient room to circle, lie down, and stand upright without the head or tail touching the sides of the enclosure even with the presence of water and food bowls, beds, litter boxes, and other normal cage objects; and

(c) allow animals to sit, sleep and eat away from areas of their enclosure where they defecate and urinate.

11. Any primary enclosure housing two or more animals shall provide the following:

(a) sufficient space and quality of environment to allow all animals to maintain social distances;

(b) adequate areas for hiding, resting, feeding, and elimination with sufficient space to separate areas and the ability for all animals to access those areas.

12. Regardless of the size of the primary enclosure, the number of animals cohoused in a primary enclosure at one time shall not exceed the following thresholds:

(a) twelve adult cats;

(b) two litters of kittens not to exceed ten kittens total;

(c) five adult dogs; or

(d) one litter of puppies.

13. Puppies and kittens less than sixteen weeks of age shall not be housed in the same enclosure with adults other than their dam or queen, or foster or surrogate dam or queen.

14. All animals housed with one or more conspecifics shall be separated for feeding or observed at feeding times for antagonistic interactions that pose a safety and welfare concern.

15. Animals shall not be housed outdoors for more than twelve hours within a twenty-four-hour period, with the exception of free-roaming cats under the care of the animal shelter.

16. Outdoor primary enclosures shall comply with all housing requirements prescribed in this section and shall provide the following:

(a) protection from the elements at all times;

(b) adequate drainage to prevent the accumulation of excess water in or around the enclosures;

(c) a moisture-proof, insulated shelter structure large enough to simultaneously accommodate all animals in the enclosure, unless immediate entry to an indoor portion of the enclosure is accessible;

(d) security from unauthorized entry of other animals into the enclosure;

(e) a separate, shaded area sufficient to simultaneously accommodate all animals, except when animals have immediate access to an indoor portion of the enclosure;

(f) clean dry bedding at all times and a heat source when the outdoor temperature falls below fifty degrees fahrenheit; and

(g) enclosures that allow outdoor access for cats shall be fully enclosed to prevent escape from the enclosure.

17. For any animal in the custody or possession of any animal shelter for fourteen days or longer, alternative housing shall be provided in one of the following formats:

(a) enriched cages at least twice the size otherwise required for an animal's size;

(b) foster care in a private home, office, or other suitable off-site location; or

(c) room housing.

History

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NY CLS Agr & M § 426

Current through 2026 released Chapters 1-314.

New York Consolidated Laws Service > Agriculture And Markets Law (Arts. 1 — 30) > Article 26-C Regulation of Animal Shelters (§§ 420 — 434)

§ 426. Sanitation.

Any animal shelter licensed pursuant to this article shall establish and maintain sanitation protocols that include the following:

1. use of one or more agents that have cleaning and disinfectant properties that are effective under conditions present in a given environment and with demonstrated effectiveness against the pathogens for which animals are at risk;

2. removal of animals from enclosures and placement in another appropriate enclosure or separation from the area being cleaned or disinfected by a functional compartment door when water, cleaning, or disinfecting agents are sprayed in or near an animal's enclosure;

3. dedicated equipment for cleaning and disinfection for use in each separate area of the shelter designated as cat or dog isolation, holding, adoptions or other functionally separate areas within the facility;

4. cleaning and disinfecting in between each use of items and surfaces that come into contact with animals, including but not limited to food and water bowls, litter boxes and exam tables, or procedures to discard and replace with new items for each animal;

5. cleaning and disinfecting all enclosures for temporary or permanent housing before a new animal enters such enclosure;

6. daily cleaning and at least once weekly disinfecting of enclosures that house the same animal or animals during a long-term stay;

7. cleaning and disinfecting enclosures when the enclosure becomes heavily soiled or otherwise contaminated or a new animal is added to the enclosure;

8. laundering of all animal bedding in a machine with detergent when soiled and thoroughly drying such bedding before reuse, or removing and disposing of such bedding appropriately;

9. cleaning of outdoor premises from clutter that may pose a safety concern and fecal material removed at least once daily;

10. appropriate use and disposal of protective garments worn during cleaning and intensive animal-handling activities within an animal shelter; and

11. proper hygiene of shelter staff, volunteers, and visitors, including signage, supervision, and hand sanitation.

History

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§ 427. Shelter management protocols.

1. Each animal shelter shall have a clear, written, management structure that defines staff authority, reporting structure and responsibilities, and is readily accessible to all staff and volunteers.

2. Staffing shall be sufficient to allow adequate time, per animal, for cleaning and daily feeding, and to meet the minimum requirements for socialization and exercise of animals as prescribed in *section four hundred thirty* of this article.

3. The total number of animals housed in an animal shelter facility or foster home shall not exceed the number of housing units available at the facility as required by *section four hundred twenty-five* of this article; provided, however, that exceptions to the provisions of this subdivision shall be permissible for periods not to exceed forty-five contiguous days in the event of an animal seizure pursuant to article twenty-six of this chapter or a natural disaster where an official declaration of the disaster or emergency has been made.

4. All animals shall be observed daily by a manager or designee to identify each animal's needs for care, housing and service and to ensure that each animal has a plan to advance efficiently through the shelter.

History

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NY CLS Agr & M § 428

Current through 2026 released Chapters 1-314.

New York Consolidated Laws Service > Agriculture And Markets Law (Arts. 1 — 30) > Article 26-C Regulation of Animal Shelters (§§ 420 — 434)

§ 428. Animal husbandry.

1.

(a) Each animal shelter shall provide each animal under its care with fresh, potable water at all times unless otherwise directed by a duly licensed veterinarian.

(b) Each animal shelter shall feed each animal under its care a complete and nutritionally balanced, species-specific and life-stage-appropriate diet as indicated by the animal's age, weight, and medical health, or as directed by a duly licensed veterinarian in accordance with the written protocols required by *section four hundred twenty-three* of this article.

(c) Food shall be provided at least once daily for adult animals, at least twice daily for animals less than six months of age, and at least three times daily for animals less than two months of age.

(d) Perishable animal food shall be refrigerated.

(e) Animal food and water containers shall be present in sufficient number and location to safely enable each animal in the enclosure to access an adequate supply of food and water. Food and water bowls shall be of the type that can be easily sanitized, be kept clean and shall be cleaned and disinfected prior to use by a different animal, unless disposable bowls are used and replaced between animals.

(f) Each animal shall be observed during or following each feeding time to ensure daily food intake, or at least once every twenty-four hours for animals continually offered food. Such observations shall be recorded.

2.

(a) Humane and safe physical restraint to limit some or all normal voluntary movement of any animal in each animal shelter's care shall minimize fear, pain, stress and suffering for the animal, protect both the animal and personnel from harm, and be of the least intensity and duration required to allow the specific procedure or procedures to be performed properly.

(b)

(i) Frightened or fractious animals may be appropriately tranquilized, under the orders and supervision of a duly licensed veterinarian, if they cannot be restrained safely and humanely.

(ii) No physical force shall be used as punishment or in anger.

(iii) Handling methods shall minimize the chance of escape and ensure the safety of both humans and animals.

(c) Restraint devices and handling techniques employed by each animal shelter shall be used in a manner that minimizes animal stress and risk of injury to both animals and personnel, in the event such devices and techniques are necessary for the safe handling of the animal.

(i) All equipment shall be maintained in good working order.

(ii) Cats shall not be restrained with control poles. Humane traps, cat boxes, nets, towels, or other equipment appropriate for handling fractious animals may be used. Squeeze cages, feral cat boxes, or humane traps with dividers shall be used for restraining cats and administering tranquilizers prior to handling.

History

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§ 429. Veterinary care.

1. Prescription medications and treatments shall be administered by each animal shelter under the advisement of or in accordance with written protocols provided by a duly licensed veterinarian.

2. All drugs shall be documented and dispensed by each animal shelter in accordance with applicable local, state, and federal laws and regulations.

3. All incoming animals shall be assessed within two hours after intake by a trained animal shelter staff member to determine if any physical abnormalities exist that require immediate veterinary attention in accordance with the shelter's written protocol for emergency care, as required by *section four hundred twenty-three* of this article.

4. Each animal shelter shall have the ability to provide for veterinary assessment and humane care in a timely fashion through in-house facilities or at an off-site location.

5. Pursuant to the written protocol for emergency veterinary care required by *section four hundred twenty-three* of this article, each animal shelter shall provide appropriate and timely veterinary care for any animal that is in distress, experiencing pain, or showing signs of significant illness or injury.

6. Each animal shelter shall recognize and treat acute and chronic pain appropriately, as set forth in article twenty-six of this chapter. The legal status regarding the ownership of any animal shall not prevent treatment to relieve suffering.

7. Each animal shelter shall provide a complete physical examination of all animals in its custody or possession by trained shelter staff within twenty-four hours of intake to identify medical or behavioral conditions that require further evaluation and care. Animals shall specifically be examined for bite wounds; animals that have potentially been exposed to rabies shall be managed in accordance with applicable local and state laws. Each animal shelter shall comply with the rabies reporting requirements prescribed in *10 NYCRR 2.14*.

8. Each animal shelter shall vaccinate each animal in its custody or possession with core vaccines as recommended by national standards and guidelines specific to animal shelters as established, endorsed or approved by the American Association of Feline Practitioners (AAFP), American Animal Hospital Association (AAHA), or the Association of Shelter Veterinarians (ASV).

9. Each animal shelter shall provide all dogs, cats, and ferrets in its custody or possession with a rabies vaccination prior to release in accordance with local public health laws. Each animal shelter shall be in compliance at all times with section one hundred nine of this chapter and title four of article twenty-one of the public health law.

10. At a minimum, each animal shelter shall treat all animals in its custody or possession for hookworms and roundworms prior to release and/or placement in foster care.

11. When a physical or behavioral abnormality is identified at the time of intake or at any time during any animal's shelter stay, staff members shall follow written medical protocols required by *section four hundred twenty-three* of this article, to determine if and when any animal in its custody or possession needs to be examined by a duly licensed veterinarian. If the animal is in foster care, the foster care provider shall follow

written medical protocols to determine whether the animal needs to be examined by a duly licensed veterinarian.

12. Any animal in the custody or possession of any animal shelter for more than thirty days shall be examined and weighed at least monthly by a trained staff member. Animals in foster care shall be examined and weighed at least once every six months by a trained staff member.

13. Any apparently healthy animal remaining within the custody or possession of any animal shelter shall be examined by a duly licensed veterinarian at least every six months, or more frequently if problems are identified.

14. Each animal shelter shall provide regular grooming to prevent discomfort or injury to each animal in its custody or possession. Matted, soiled, or otherwise unkempt animals shall be provided with timely grooming to alleviate discomfort and prevent injury within forty-eight hours of intake or identification of condition. Severe matting that prevents normal movement, an animal's ability to eat, drink, urinate, or defecate, or that compromises tissue health shall be treated as a medical emergency requiring immediate care.

15.

(a) No animal shelter shall release any dog or cat for adoption to any person unless the dog or cat has been spayed or neutered, in accordance with *section three hundred seventy-seven-a* of this chapter.

(b) Prior to performing spay/neuter surgery at any animal shelter:

(i) All animals in such shelter's custody or possession shall receive an examination by a duly licensed veterinarian within twenty-four hours of surgery and anesthesia. Such examination may be performed under sedation or anesthesia if, due to the animal's behavior, an examination is not possible while awake.

(ii) Balanced anesthetic protocols that include sedation, the provision of pre- and post-operative analgesia, stress reduction, muscle relaxation and controlled, reversible loss of consciousness shall be utilized for all animals.

(iii) While surgery is being performed, the operating area shall be dedicated to surgery and contain the necessary equipment for anesthesia and patient monitoring.

(iv) Aseptic surgical technique shall be required, and separate sterile instruments shall be used for each patient. All instruments and equipment shall be maintained in proper working condition.

(v) A permanent tattoo shall be placed on the ventral abdomen of shelter-owned cats and dogs at the time of spay or neuter.

(vi) Each animal shelter shall provide adoptive owners instructions in both written and verbal forms for ten-day post-operative care of recently spayed or neutered animals.

(c) Written protocols required by *section four hundred twenty-three* of this chapter, shall be followed to handle related post-operative emergencies.

History

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§ 430. Behavior.

1. Each animal shelter shall take measures, by way of written questionnaire, personal interview or other means deemed necessary by the commissioner, to collect a behavioral history for each animal in its custody or possession at the time of intake.

2. Routine care and handling of any animal in the custody or possession of each animal shelter, including the timing of feeding and sanitation procedures shall be performed on a regular daily schedule.

3. At least twenty minutes of positive social interactions, in addition to time spent providing feeding, cleaning, basic husbandry or care with people shall be provided by each animal shelter on a daily basis for any animal in such shelter's custody or possession except those so poorly socialized to humans that such contact would be unpleasant, stressful or pose a safety risk to other animals or humans. Daily handling and positive exposure to people and other animals shall be provided for any dog or cat less than four months of age, while taking appropriate precautions to limit infectious disease. Positive social interactions shall include but not be limited to petting an animal, walking, reward based training or interactive play with toys. Time spent providing basic husbandry and animal care shall not be used to offset the social interaction time requirements of this subdivision.

4. Each animal shelter shall provide each animal in its custody or possession opportunity for exercise and exploration in the following manner:

(a) all cats housed in a cage, kennel, or room that provides less than eighteen square feet of floor space per cat for fourteen days or longer shall be permitted at least fifteen minutes per day at least five days per week outside of their primary enclosure to exercise and explore;

(b) all dogs residing in the shelter for fourteen days or longer shall be permitted time outside of their primary enclosure to exercise and explore for at least twenty minutes per day five days per week; or

(c) in the event such activities are not possible due to any animal's health, behavior, order of the commissioner or legal restriction, the condition and reason shall be documented in such animal's medical record.

5. Each animal shelter shall implement additional measures for enrichment and stress reduction for any animal in its custody or possession showing persistent hiding, hostile interactions with other animals, reduced activity, depression or social withdrawal, barrier frustration or aggression, self-injurious behavior, repetitive non goal-oriented movement, or stereotypic behaviors. Such measures shall be documented in such animal's medical record created pursuant to *section four hundred twenty-three* of this article.

6. Use of aversive methods in animal training or behavioral modification is prohibited except in reward-based method situations, where skilled application of the least aversive method that is expected to succeed may be appropriate.

7. Animal shelters may perform a systematic behavioral evaluation on animals prior to rehoming or other placement. In the event such evaluations are performed, the following requirements shall apply:

(a) staff performing such evaluations shall receive, in advance, adequate training in the performance and interpretation of the behavioral evaluation or evaluations; and

(b) documentation of the results of every behavior evaluation performed shall be added to the animal's record created pursuant to *section four hundred twenty-three* of this article.

8. Each licensed animal shelter shall fully disclose all available information regarding the behavior of any animal in its custody or possession prior to such animal's transfer to an individual or another organization as authorized pursuant to *section three hundred seventy-four* of this chapter. Such information shall include, but not be limited to prior history, observed behaviors in the shelter, and the results of any systematic behavioral evaluations performed.

9. Any animal in the custody or possession of a licensed animal shelter that is observed to be experiencing mental suffering or behavioral deterioration shall be assessed and appropriately treated.

History

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§ 431. Transportation.

1. Vehicle requirements.

(a) Vehicles and operators employed by or otherwise serving as an agent of any animal shelter to transport animals shall adhere to all applicable federal, state, and local laws.

(b) Any animal transported by an animal shelter or its agent shall not be placed unconfined or tethered in the back of an open pick-up or flatbed truck.

(c) Any animal shelter or its agent transporting any animal shall safely and securely confine such animal in an enclosure such as a crate, carrier, or cage within the vehicle. Foster care providers serving as an agent of any animal shelter for purposes of this section may be authorized to provide secure alternatives to enclosures for transport of large dogs.

(d) Any transport vehicle transporting dogs or cats for any animal shelter shall have adequate space, comfortable environmental conditions, and good air quality. The animal compartment of the transport vehicle shall provide fresh air, free of vehicle exhaust fumes.

(e) Each transport vehicle, including cargo spaces, shall be heated and cooled as necessary to provide for normal thermoregulation of the animals being transported.

(f) Each transport vehicle shall have a thermometer placed in the animal compartment. The ambient temperature in the cargo space shall be maintained between sixty and eighty-five degrees fahrenheit, unless the health of the animal necessitates an ambient temperature that exceeds or is less than such parameters. The operator of such vehicle shall monitor cargo area temperatures at least every four hours to ensure such temperatures are maintained.

2. General responsibilities of animal shelters of origin prior to transport.

(a) It is the responsibility of the animal shelter of origin to reasonably ensure that its destination animal shelters have the ability to meet the requirements of subdivision four of this section prior to transporting any animal. A written contract or memorandum of understanding between the animal shelter of origin, any intermediate animal shelter, the destination animal shelter and any transporting agent not directly employed by such shelters, shall be executed for each animal transfer of one or more animals. Such document shall include the responsibilities of each party and shall be revised or updated as necessary to ensure that information is current.

(b) A contact person shall be designated for each animal shelter and any intermediate transfer points.

(c) Each transporting organization identified in any agreement established pursuant to subparagraph (i) of paragraph (d) of this subdivision shall adhere to all public health laws and local laws for source location, intermediate transfer points, and final destination.

(d)

(i) For dogs or cats imported into the state, the animal shelter of origin shall ensure that each dog or cat to be transported aged three months of age or older has been vaccinated against rabies not more than twelve months prior to the date of transport when using a one-year vaccine, or not more

than thirty-six months prior to the date of transport when using a three-year vaccine, as evidenced by a valid certificate of immunization signed by a duly licensed veterinarian. Such vaccine shall be approved by the United States department of agriculture. The immunization requirement shall not apply if a veterinarian certifies in writing that because of old age or other reason, the life of the dog would be endangered by the administration of the rabies vaccine.

(ii) At a minimum, the animal shelter of origin shall administer the following core vaccinations to each dog or cat to be transported that is four weeks of age or older:

(1) For dogs, a modified live product for Distemper virus, Adenovirus, and Parvovirus as well as an intranasal or oral avirulent culture Bordetella bronchiseptica vaccination prior to departing from the animal shelter of origin.

(2) For cats, a modified live product for Feline Viral Rhinotracheitis, Feline Calici Virus, and Feline Panleukopenia.

(iii) The animal shelter of origin shall treat each animal for internal and external parasites as appropriate for the age, species, and medical condition.

(iv)

(1) The animal shelter of origin shall examine each dog and cat for medical or behavioral concerns at most twenty-four hours prior to initiation of transport. All medical and behavioral observations shall be recorded and communicated to any intermediate animal shelter, the destination animal shelter and any transporting agent not directly employed by such shelters.

(2) A health record shall accompany each animal to be transported.

(3) A health certificate is required for each animal to be transported into the state in accordance with part sixty-five of the commissioner's rules and regulations. Such certificate shall accompany each animal during transport and be completed and signed by a duly licensed veterinarian.

(v) Each animal shall be individually identified with a collar, tag, tattoo, microchip or combination of such identifiers. All animals shall have, at a minimum, one form of visual identification.

3. General responsibilities during transport.

(a) Each animal transported shall be provided with absorbent bedding.

(b) No animal shall be sedated or tranquilized unless recommended by a duly licensed veterinarian and veterinary guidance is provided for such animal's care during transport.

(c) The maximum transport time to an intermediate animal shelter or a destination animal shelter for dogs and cats shall include not more than fourteen hours confined to the transport vehicle, including load time. Transports exceeding fourteen hours must include an overnight stop at an intermediary location, where the dogs and cats being transported shall be allowed the opportunity to exercise and eliminate outside of the transport vehicle.

(d) The transporting animal shelter or its agent shall observe each animal being transported as often as circumstances allow, but not less than once every four hours. During such observations, animals should be watered and fed consistent with paragraphs (g) and (h) of this subdivision, and the transport area cleaned as appropriate.

(e) Each dog shall be provided with the opportunity to exercise and eliminate at least once every twelve hours while confined to the transport vehicle, including load time. Each dog being transported that is less than twelve weeks of age shall be removed from their enclosure and allowed to exercise and eliminate at least every two hours.

(f) No dog or cat shall be left unattended in any transport vehicle for more than one hour, regardless of whether heating, ventilation and air conditioning (HVAC) is provided in such vehicle.

(g) The transporting animal shelter or its agent shall provide each animal being transported with wholesome and palatable food except when there are instructions from a duly licensed veterinarian to withhold food for medical reasons. Such food shall be free from contamination, of nutritional value sufficient to maintain each animal in good health and be provided at least every twelve hours for adult animals; at least every eight hours for animals less than six months of age; and at least every six hours for animals less than four months of age.

(h) If water cannot be provided at all times, the transporting animal shelter or its agent shall provide clean, fresh water to each animal being transported at least every four hours during observation stops required pursuant to paragraph (b) of subdivision four of this section. Such water shall be supplied in a sanitary manner sufficient for its needs, except where there are instructions from a duly licensed veterinarian to withhold water for medical reasons.

(i) Animal enclosure requirements.

(i) Animal enclosures in transport vehicles shall be suitable to allow the animal to stand, sit erect, turn around while standing, and to lie in a natural position. If more than one animal occupies any enclosure during transport, such enclosure shall provide adequate space for each to lie down comfortably at the same time without lying on top of each other.

(ii) Unfamiliar animals shall not be contained together in the same enclosure.

(iii) Crates, carriers or cages shall not be stacked in the transport vehicle in a manner that increases animal stress or discomfort, compromises ventilation, allows waste material to pass between cages, interferes with care and observation, or hinders emergency removal.

(iv) All animal enclosures and compartments shall be free of sharp edges or other hazardous materials.

(v) The floor of any enclosure shall prevent injury, discomfort, and leakage of fluids into other enclosures.

(vi) The animal shelter or its agent shall ensure that each animal transported is safely and securely confined within each enclosure as prescribed by this section and that enclosure doors are secured to prevent accidental opening.

(vii) The animal shelter or its agent shall secure each primary enclosure to prevent movement within the transport vehicle.

(viii) Each dog or cat less than eight weeks of age shall be transported in an enclosure with their mother, with adequate space to allow the mother to lie down on her side with legs extended to facilitate nursing unless such dog or cat is orphaned, a duly licensed veterinarian directs otherwise, the transport period does not exceed one hour, or transport with the mother is deemed to pose a significant safety risk. In the event such dog or cat is not transported with its mother, the animal shelter or its agent shall ensure an adequate environment and temperature for the offspring. The transporting animal shelter or its agent shall transport animals with known or suspected infectious diseases that could be spread during transport in separate compartments from healthy animals.

(ix) The transporting animal shelter or its agent shall clean animal enclosures and replace litter as often as necessary to prevent soiling any animal being transported. If any animal must be removed from an enclosure to facilitate cleaning, the transporting animal shelter or its agent shall employ safeguards to ensure animal safety and prevent escape.

(j) Transport vehicle operators.

(i) Transport vehicle operators and individuals who assist in the transport of animals shall have training in animal health, animal care, and safety issues to recognize and respond to animal needs during transport.

(ii) Transport vehicle operators shall avoid unnecessary sudden acceleration, deceleration, excessive lateral movement, noise and vibration.

(iii) Transport vehicle operators and individuals who assist in the transport of animals shall observe dogs and cats for any medical or behavioral concerns during each stop and shall respond appropriately to any concerns identified.

(iv) Transport vehicle operators and individuals who assist in the transport of animals shall clean and disinfect each enclosure after use in transporting an animal and before transporting different animals in the same enclosure.

4. General requirements of destination animal shelters. Each destination animal shelter shall provide the following:

(a) Adequately trained personnel ready to receive and medically evaluate each animal received from any transporting animal shelter or its agent upon arrival;

(b) A physical examination of each animal received from any transporting animal shelter with corresponding documentation performed by trained personnel pursuant to *section four hundred twenty-three* of this article within four hours of arrival;

(c) Veterinary care in accordance with *section four hundred twenty-nine* of this article for each animal received from any transporting animal shelter requiring such care and additional reasonable care.

(d) Adequate housing for arriving animals prepared in advance of arrival, including:

(i) Housing in a quarantine area if needed, based on assessment of health status, animal source, and risk of infectious, contagious, parasitic or communicable disease; and

(ii) Isolation areas for animals with known or suspected contagious diseases, as required under sections four hundred twenty-four and four hundred twenty-five of this article.

5. No animal shelter or its agents shall transport any dog or cat less than one year of age whose point of origin is any breeder licensed by the United States department of agriculture pursuant to the provisions of U.S.P.L. 89-544 as of August twenty-fourth, nineteen sixty-six, or any subsequent corresponding sections of the federal Animal Welfare Act, as from time to time amended.

History

L 2022, ch 683, § 2, effective December 15, 2022.

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NY CLS Agr & M § 432

Current through 2026 released Chapters 1-314.

New York Consolidated Laws Service > Agriculture And Markets Law (Arts. 1 — 30) > Article 26-C Regulation of Animal Shelters (§§ 420 — 434)

§ 432. Foster care provider requirements.

1. No person may operate as a foster care provider in this state without first having signed a written agreement with an animal shelter licensed pursuant to this article stating that such person may operate as a foster care provider with the approval and under the responsibility of such animal shelter. Such agreement shall be renewed not less than once every two years, and a copy of such agreement shall be kept by both the animal shelter and foster care provider and made available for inspection by the commissioner upon request. It shall be the responsibility of the animal shelter entering into such agreement with any foster care provider pursuant to this article to ensure that such foster care provider is able to responsibly harbor and provide necessary sustenance for any animal placed in their care by such animal shelter in a manner that promotes the good health, safety and welfare of such animals. No animal shelter shall knowingly enter into any agreement pursuant to this subdivision with any person who has been previously convicted of a violation of any provision of article twenty-six of this chapter or regulations promulgated thereunder pertaining to humane treatment of animals, cruelty to animals, endangering the life or health of an animal, or violation of any federal, state, or local law pertaining to the care, treatment, sale, possession, or handling of animals or any regulation or rule relating to the endangerment of the life or health of an animal.

2. Foster care providers may harbor animals owned by a licensed animal shelter but shall not own such animals and shall keep a copy of the current record of each animal harbored under any agreement established pursuant to subdivision one of this section. Such record shall be maintained at the physical premises where such foster care providers harbor such animals. Animal shelters may, if appropriate to protect the identity of the source of any animal, provide their foster care providers with a partial animal record that excludes the name and address of the organization or individual from whom such animal was obtained and the date of receipt, so long as such animal shelters keep a copy of the complete record at the location where it maintains such records pursuant to *section four hundred twenty-three* of this article. It is the responsibility of the animal shelter with which such foster care provider has established an agreement pursuant to subdivision one of this section to ensure compliance with this subdivision.

3. Any animal harbored by a foster care provider pursuant to this section that is affected by an infectious or contagious disease shall be handled in a manner that prevents the spread of such disease in accordance with subdivision nine of *section four hundred twenty-four* of this article. It shall be the responsibility of the animal shelter with which such foster care provider has established an agreement pursuant to subdivision one of this section to ensure compliance with this subdivision.

History

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NY CLS Agr & M § 433

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New York Consolidated Laws Service > Agriculture And Markets Law (Arts. 1 — 30) > Article 26-C Regulation of Animal Shelters (§§ 420 — 434)

§ 433. Violations.

1. Any animal shelter that violates any provision of this article may be subject to licensure denial, revocation, suspension, or refusal of license renewal in accordance with the provisions of subdivision seven of *section four hundred twenty-one* of this article.

2. Violation of any provision of this article shall be a civil offense, for which a penalty of not less than one hundred dollars and not more than one thousand dollars for each violation may be imposed by the commissioner; provided, that whenever there shall be a violation of this article, application may be made by the attorney general in the name of the people of the state of New York to a court or justice having jurisdiction by a special proceeding to issue an injunction, and upon notice to the defendant of not less than five days, to enjoin and restrain the continuance of such violations; and if it shall appear to the satisfaction of the court or justice that the defendant has, in fact, violated this article, an injunction may be issued by such court or justice, enjoining and restraining any further violation, without requiring proof that any person has, in fact, been injured or damaged thereby. In any such proceeding, the court may make allowances to the attorney general as provided in paragraph six of subdivision (a) of *section eighty-three hundred three of the civil practice law and rules*, and direct restitution. Whenever the court shall determine that a violation of this article has occurred, the court may impose a civil penalty of not less than one hundred dollars and not more than one thousand dollars. In connection with any such proposed application, the attorney general is authorized to take proof and make a determination of the relevant facts and to issue subpoenas in accordance with the civil practice law and rules.

3. Any animal shelter that violates any provisions of this article shall correct such violations to the satisfaction of the commissioner within a period not to exceed ten days; provided, however, that where such violation poses a severe or immediate threat to public health or animal safety or well-being, such violation shall be corrected to the satisfaction of the commissioner within a period not to exceed seventy-two hours.

4. Nothing in this section shall preclude the commissioner from taking additional actions to address violations related to the immediate threat to animal safety or well-being, including but not limited to, suspension of animal shelter operations until such violations are corrected to the satisfaction of the commissioner.

5. Upon identification of one of more violations, the commissioner shall provide the animal shelter with a written description of all violations issued and the steps necessary to correct such deficiencies.

History

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§ 434. Waiving of requirements authorized.

The commissioner is hereby authorized to waive the requirements established pursuant to this article during a disaster emergency, provided that an official declaration of such disaster emergency has been made by the governor or his or her delegated state official pursuant to *section twenty-eight of the executive law*.

History

L 2022, ch 683, § 2, effective December 15, 2022.

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