Governor's Office of Storm Recovery

ANDREW M. CUOMO
Governor

STATE ENVIRONMENTAL QUALITY REVIEW ACT
DETERMINATION OF NON-SIGNIFICANCE (NEGATIVE DECLARATION)

INWOOD GARDENS APARTMENTS

DATE: October 21, 2019
NAME OF ACTION: Inwood Gardens Apartments
LOCATION: 255 Lawrence Avenue, Inwood, Town of Hempstead, Nassau County, New York, 11566
SEQRA CLASSIFICATION: [ ] Type I; [X] Unlisted
REVIEW TYPE: [ ] Coordinated; [X] Uncoordinated
DETERMINATION OF SIGNIFICANCE: [X] Negative Declaration; [ ] Positive Declaration

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The Proposed Project:
The Governor's Office of Storm Recovery (GOSR) is managing the U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant – National Disaster Resilience (CDBG-NDR) program pursuant to the Disaster Relief Appropriations Act of 2013 (Public Law 113-2, approved January 29, 2013). The New York State (NYS) Housing Trust Fund Corporation (HTFC), which administers the CDBG-NDR program funds on behalf of GOSR, intends to approve funding for flood mitigation at Inwood Gardens Apartments, Inwood, Town of Hempstead, Nassau County, New York from the National Disaster Resilience Program Fund.

The Inwood Gardens Project ("Project" or "Proposed Project") includes flood resiliency and mitigation actions at an affordable housing project located within a 100-year floodplain. The Proposed Project includes construction of a new 3,670 square foot Community Center, new transformer for the Community Center, installation of a new generator for the entire site, and flood resiliency improvements for the existing boiler, electrical rooms/spaces and apartment building crawlspaces. The Project is located at 255 Lawrence Avenue, Inwood, Nassau County, New York, 11566, at Section 40, Block 25, Lot 6 (see attached Project location maps). The resiliency improvements will prevent future damages from storms

Inwood Gardens is an existing 50-unit affordable housing apartment complex owned by Hempstead Housing Authority and constructed in 1969. During Superstorm Sandy, the entire Inwood Gardens development was flooded. The boiler rooms and generators at Inwood Gardens were damaged by saltwater and had to be replaced. Because it is not feasible to relocate or elevate the apartments, the apartments will be floodproofed to reduce the potential for flood damage by reducing the probability that the building will be flooded. Barriers will be constructed to stop floodwaters from reaching damageable portions of buildings. Electrical and mechanical systems will be raised above the design flood elevation (DFE). The existing buildings will be wet proofed. Three existing generators will be removed and replaced by one natural gas generator.

Inwood Gardens is located in FEMA's AE11 flood zone. The base flood elevation (BFE) is therefore 11.0' (NAVD88.) The DFE of non-critical spaces is 11.0' and the DFE of the new Community Center and of critical equipment, such as the mechanical and electrical spaces, is 12.0'.

The specific proposed resiliency improvement measures are:

New Community Center:
- Construction of 3,670 square foot new Community Center with a multi-purpose room with folding partition, pantry (kitchen), restrooms, meeting room (lounge), mechanical equipment room, and

laundry room. It will have a central HVAC system and Fire Alarm. A new transformer will be installed at DFE level.

- The Community Center will be built at the DFE and will serve as a central place of refuge for the residents in case of flood.

Existing Buildings:

- Electrical Rooms/Spaces:
  - Existing doors will be replaced with flood doors.
  - Electrical equipment and distribution for normal power is to remain.
  - Electrical equipment and distribution for emergency power to be elevated to above DFE—if required.
- Three Boiler Rooms:
  - Exterior walls and slabs will be hardened, and existing doors will be replaced with flood doors.
  - Boiler Equipment is to remain and will not be raised at DFE level.

- Wet Flood-proofing (flood vents), waterproofing Electrical distribution and protect mechanical piping at apartment crawlspaces.

Emergency Generator:

- Three Existing Emergency Generators will be removed.
  - Existing conduits above grade will be demolished.
  - Existing conduits below grade will be capped and abandoned.
  - Support systems in good condition (as indicated in the Electrical drawings,) such as Automatic Transfer Switch (ATS), Emergency Lighting panels, Emergency House Panels, will remain and will be raised at DFE level.
  - Support systems in bad condition will be removed, and new systems will be installed at DFE level.
- One New Emergency Gas Generator will be installed at DFE level, centrally located to serve the entire site including the Community Center.
  - New underground distribution will be installed and will be flood protected.

Site Development:

- The new Community Center will be built in the existing parking lot. Therefore, existing parking spaces will be relocated to provide the same number of parking spaces. This will require the following site work:
  - Existing light poles will be relocated.
  - Existing trees will be removed.
  - Existing asphalt paving/concrete areas, curbs, steps, landscaped and grass areas will be removed.
  - Existing fence, shed, benches will be removed.
  - Garbage area will be relocated.
  - Site will be excavated for the construction of the new Community Center's foundation walls and footings.
  - Site will be regraded, existing drainage will be reset.
  - New concrete, asphalt pavement, curbs, new grass/ landscape, and fence.
  - New signage and parking markings.
  - New sidewalks, ramp, and exterior stairs to access the new community center, elevated at DFE.
  - New curb cut at West End Avenue.

- New steel dunnage platform for New Generator to be installed at DFE level.
- Sewer Protection (Sanitary and Storm backwater valves.)

Purpose and Need:
During Superstorm Sandy, the entire Inwood Gardens development was flooded. The boiler rooms and generators at Inwood Gardens were damaged by saltwater and had to be replaced. The Proposed Project will provide flood barriers and flood vents to protect the apartment buildings. Equipment will be elevated to prevent flood damage. The new generator will provide power during storm power outages. The Community Center may serve as emergency operation center.

Existing Conditions:
Inwood Gardens is flanked by Lawrence Avenue on the East, Randall Avenue at the North, and West End Avenue on the West side, and parking for Inwood Gardens to the South. The neighborhood is mixed-use with residential and commercial properties in the surrounding the complex. There is a small community playground at the southeast corner of the property at Pearl Street and Lawrence Avenue.

The property area is open with very few trees. There are six residential building masses with a pedestrian oriented courtyard in the middle. There are three semi-attached boiler rooms and three freestanding generators that house critical equipment for the property.

Funding:
The total Project cost is estimated at $5,543,100. GOSR proposes to allocate funding pursuant to the U.S. Department of HUD CDBG-NDR program as authorized by the Disaster Relief Appropriations Act of 2013 (Public Law 113-2, approved January 29, 2013). The NYS HTFC, which administers the CDBG-NDR program funds on behalf of GOSR, intends to approve funding for the Proposed Project as described in this notice.

Environmental Considerations:

Land Use, Zoning, Public Policy and Urban Design – The project parcel consists of 2.8 acres of developed land including an apartment complex of six brick residential buildings including 50 units. The area surrounding the apartments is open lawn and parking lot.

The Proposed Action is consistent with PlaNYC's land use goals. The Proposed Project encourages increased development in an area well served by public transportation. The project is located within an area that encourages mixed-use development, including residential, commercial, and community facility uses, thereby promoting walkable destinations for retail and other services. In addition, the Proposed Action promotes affordable housing (http://www.nyc.gov/html/planyc/downloads/pdf/publications/planyc_2011_planyc_full_report.pdf).

Compared with surrounding property uses, the Proposed Project is consistent with existing zoning regulations, land use types, building height and scale and is consistent with the 2008 Nassau County Master Plan (https://www.nassaucountyny.gov/DocumentCenter/View/2776/2008MPUpdateadoptedon4309?bidId=).

The Proposed Project would not alter the land use or cause changes to neighborhood characteristics of the local area or alter residential or commercial density. Residential and commercial infrastructure in the vicinity of the project area would not be adversely affected. The Proposed Project would provide resiliency measures such as elevating structures and support systems. The Proposed Project would not result in the creation of significant numbers of new jobs nor an increase in the number of employees and would therefore, not have an urbanizing effect.

Proposed and Potential Development – Approximately 0.25 acres of land will be developed with a new 3,670 square foot community center.

Socioeconomic Impacts and Community Facilities and Services – The Proposed Project would create temporary construction jobs. However, these jobs would not significantly increase employment opportunities or impact income patterns. The Project would not significantly increase the demand for educational, health care or social service facilities, nor would it directly or indirectly displace people, businesses, institutions, or community facilities.

The Proposed Project would not increase the demand for police protection, fire protection, or emergency medical services.

Natural Resources and Floodplains - The project site is comprised of 2.8 acre. The majority of the area is currently developed. The Proposed Project is located in a 100-year floodplain. Because the apartment complex is existing it is not feasible to move the complex out of the floodplain. Therefore, the apartments will be flood proofed and associated equipment elevated above the DFE. The apartments will be vented to providing flow of flood water and increasing the area of floodplain. The new Community Center will be elevated above the DFE and will be constructed at the location of a parking lot. A new parking lot will be constructed increasing the impervious area by 0.2 acres.

No wetlands are located on or adjacent to the project location. The EAF Mapper Application used to generate the EAF identifies wetland or water bodies on or adjacent to the site, but this incorrect.

According to information reviewed from the NYSDEC Environmental Resource Mapper, the Project is NOT located within NYSDEC's designated rare, threatened or endangered species generalized review area. The EAF Mapper Application used to generate the EAF lists the Marine Back-barrier Lagoon as being located on the project site. This makes reference to the location of Long Island, a barrier island.

The Project site is not located within a state listed Critical Environmental Area. Project activities will be completed in accordance with all applicable federal, state, and local laws, regulations, and permit requirements and conditions. Prior to construction activities, all appropriate permits will be obtained.

The project site is located within the boundaries of the New York State Coastal Zone. A New York State Coastal Consistency Assessment form and supporting documentation was submitted to the New York State Department of State (NYSDOS). The NYSDOS responded that DOS has no objection to the release of funding in support of the Proposed Project.

According to USFWS IPaC Trust Resource Report, accessed May 8, 2019, six listed species may occur within the vicinity of the project area: *Charadrius melodus* (piping plover—threatened), *Calidris canutus rufa* (red knot—threatened), *Sterna dougallii dougallii* (roseate tern), *Agalinis acuta* (sandplain gerardia—threatened), *Amaranthus pumilus* (seabeach amaranth—threatened), and *Myotis septentrionalis* (northern long-eared bat—threatened). There are no critical habitats for these or any other species within the project area.

Due to the potential for active season tree removal (three mature trees), GOSR determined that this project may affect the NLEB, but that any resulting incidental take of the NLEB is not prohibited by the final 4(d) rule. GOSR came to a no effect determination for the other listed species based on the absence of suitable habitat. On May 8, 2019, a may affect the NLEB but incidental take not prohibited (4(d) rule) and a "no effect" determination for the remaining Federal ESA species was sent to the USFWS. A USFWS response was received on June 25, 2019, acknowledging the receipt of the "no effect" determination and noting that no further ESA coordination or consultation is required. The documentation related to this consultation is provided in the environmental review record.

Sole Source Aquifer - The project site is located over the Nassau-Suffolk County Sole Source Aquifer (SSA) Projects in the SSA area are subject to review by the U.S. Environmental Protection Agency (U.S. EPA) according to the terms of the HUD/EPA. Using the Non-Housing/Project Activity Initial Screen Criteria it was determined that no formal consultation with EPA is required. No drinking water wells are located near the project area.

Historic Preservation (SHPO) – The Project site does not contain a structure that is listed on either the State or National Register of Historic Places (NRHP). Consultation with the SHPO confirmed that the Proposed Project would have no impact on archaeological and/or historic resources.

Hazardous Waste - The Proposed Project site is not located within 3,000 feet of any EPA listed Superfund, Brownfield, or Toxic Release Inventory (TRI), Toxic Substances Control Act (TSCA). There are numerous water discharger or Resource Conservation and Recovery Act (RCRA) sites. None have violations that would pose a risk to inhabitants to Inwood Gardens. The project site is not situated on or within 3,000 feet of any toxic or solid waste landfill). NYSDEC and EPA databases were accessed to identify Superfund, Brownfield, Remediation, and regulated hazardous waste sites and petroleum spills within 3,000 feet of Inwood Gardens.

The information available for the sites were reviewed and the sites were determined not to pose a threat to the inhabitants of Inwood Gardens. The sites are regulated under EPA RCRA, Air Pollution, and Water Dischargers programs and have no violations. A summary of hazardous waste sites identified near Inwood Gardens is provided below.

NYS Remediation Sites:

175 Roger Avenue is a State Superfund Site located 1 mile southwest of Inwood Gardens. Former operations at the site including metal fabrications and products resulted in the abandonment of hazardous wastes in drums, tankers, USTs and surface and underground disposal of wastes. EPA conducted an Emergency Removal Action at the site removing stored and surface wastes. Investigations at the site revealed the presence of petroleum hydrocarbons, chlorinated volatile organic compound (VOCs), semi-volatile organic compounds (SVOCs) and metals in surface soil and groundwater contamination. Indoor air samples did not contain levels above the New York State Department of Health (NYSDOH) Air Guidance Value (AGV). The site does not pose a threat to Inwood Gardens because groundwater flows southwest away from Inwood Gardens and contaminated soil does not extend offsite.

175 Roger Avenue LLC - Off-Site is a NYSDEC Brownfields Cleanup Program site is located 1 mile southwest of Inwood Gardens. The off-site area of the 175 Roger Avenue LLC that requires investigation is the areas immediately North and South of the site. Due to a groundwater divide that appears to run through the center of the Site, with an apparent groundwater flow direction towards both the northwest and southeast, to separate areas require evaluation. The areas are north of the Site along Roger Avenue and South of the site along Bayview Avenue in Inwood, Town of Hempstead, Nassau County. The site does not pose a threat to the inhabitants of Inwood Gardens because groundwater flows away from Inwood Gardens.

525 - 535 Burnside Avenue is a NYSDEC State Superfund Program site. The groundwater underlying the site is contaminated with trichloroethene and 1,2-dichloroethene from former automobile and cabinet and woodworking operations. The contamination does not extend to the project location. The contamination is 0.44 miles west of the project site. Groundwater flows west away from Inwood Gardens.

Far Rockaway is a NYSDEC Voluntary Cleanup site located 0.88 mile southwest of Inwood Gardens. The site has mercury contaminated surface soil that does not extend to Inwood Gardens. Remedial Investigations determined that the site does not posed a threat to offsite areas.

Wheelock Avenue is a NYSDEC State Superfund Program site located 0.31-mile northwest of Inwood Gardens. NYSDEC remediation database classifies the site as No Further Action at this Time, contamination at the site does not warrant placing the NYSDEC site on the Registry.

Inwood – 47-A Walcott is an Environmental Restoration Program site. The site is owned by the Town of Hampstead and is 0.172 acres in size. According to NYSDEC remediation database, the site is classified as an N site. "Class N sites information is highly variable, not necessarily based on any DEC investigation, sometimes of unknown origin, and sometimes is many years old. Due to the preliminary nature of this information, significant conclusions or decisions should not be based solely upon this summary. " The site is 0.80 mile southwest of Inwood Gardens. Because of the distance of the site to Inwood Gardens and because groundwater flow away from Inwood Gardens, the site does not pose a threat to the inhabitants of Inwood Gardens.

K - Inwood Holder is NYSDEC Superfund site, 1 mile southwest of Inwood Gardens. This site is a former Manufactured Gas Plant (MGP) contaminated with coal tar and associated constituents including benzene, ethylbenzene, total xylenes, polyaromatic hydrocarbons, and tetrachloroethylene. Soil, sediments in adjacent surface water and ground water are contaminated. The site is being remediated. Since groundwater flows away from Inwood Gardens and the extent of soil contamination is onsite, the site does not pose a threat to the inhabitants Inwood Gardens.

Pep Boys Supercenter #349 is a NYSDEC VCP site at 600 Burnside Avenue 0.23 miles west of Inwood Gardens. Petroleum hydrocarbon contamination occurred as the result of construction activities that ruptured an underground storage tank partially filled with petroleum (10/09/98) and previous uses. The primary contaminants of concern at the site include petroleum hydrocarbons (gasoline/fuel oils). Investigations indicated a plume of groundwater contamination that extended south to the property boundary, and subsurface

soil contamination. Exceedances of standards, criteria, and guidance values included volatile and semivolatile petroleum constituents. Subsurface soils and groundwater were contaminated with semi-volatile and volatile organic compounds. Remedial actions completed at the site have significantly reduced the levels of these contaminants. Exposures to residual contamination in soils are unlikely due to the existing asphalt surface. Indoor air was sampled and detected contaminants were below levels of concern. Groundwater flows south away from Inwood Gardens. The site does not pose a threat to the inhabitants of Inwood Garden.

NYSDEC Spills:

A search of the NYSDEC Spill Incidents Database resulted in the identification of 4 spills located in Inwood, NY. The spills are closed or very small quantity. A spill closure means that the records and the data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial actions are necessary or the case was closed for administrative reasons (e.g. multiple reports of a single spill consolidated into a single spill number). As such, these spills are not considered a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Project Area.

Air Quality and Noise Considerations - The Proposed Project will not adversely affect air quality. The Proposed Project is located in Nassau County, which is within a maintenance area for inhalable particulate matter (PM2.5) and carbon monoxide, a marginal non-attainment area for the eight-hour Ozone standard and considered an area source for hazardous air pollutants (HAPs) emissions. The proposed activities will not affect transportation patterns or levels of service thereby aiding the preservation of local air quality. Standard BMPs will be implemented during construction to control dust and other emissions. No significant impacts on air quality will result due to the Proposed Project. Some noise may be generated during construction; however, this will be temporary and will not adversely impact the surrounding areas. The proposed activities will not significantly increase the level of noise or vibration compared to current conditions.

Utilities and Solid Waste - The existing apartment complex is served by the Village of Hempstead for public water, sewer and trash disposal.

The amount of solid waste generated from the construction would not significantly increase short-term generation of municipal solid waste. All Project-generated solid waste materials would be managed and transported in accordance with the state's solid and hazardous waste rules.

Soil Suitability, Slope, Erosion, Drainage, and Storm Water Runoff - The project site is situated on urban soils according to the United States Department of Agriculture (USDA) – Natural Resources Conservation Service (NRCS) Web Soil Survey. Although in-ground disturbance will occur, soil impacts will be kept to a minimum during construction. In addition, BMPs, such as silt fence and erosion prevention, would be implemented to eliminate erosion impacts.

The area in the general vicinity is primarily industrial, with residential use to the east. Approximately 0.2 acres will be disturbed.

The Proposed Project is classified as Unlisted action, and GOSR, as the lead agency, prepared a Long Environmental Assessment Form (FEAF) under SEQRA. The Proposed Project is funding for flood mitigation activities at the Inwood Gardens Apartments. The Proposed Project will not result in adverse effects to existing air quality, surface or groundwater quality or quantity, noise levels, existing traffic patterns, solid waste production or disposal, or to create erosion or drainage problems.

Standard Requirements:
Any change to the Proposed Project as described will require re-evaluation by GOSR's Certifying Officer for compliance with State Environmental Quality Review Act (SEQRA) and other law, regulations and policies.

This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.

Additional Mitigation Measures:
To the extent practicable, the following mitigation measures recommended by the EPA would be implemented by the Responsible Entity to minimize environmental impacts and create a more sustainable Project:

- Construction and demolition – utilize local and recycled materials in the construction process and to recycle materials generated onsite to the maximum extent possible
- Clean diesel – implement diesel controls, cleaner fuel, and cleaner construction practices for on-road and off-road equipment used for transportation, soil movement, or other construction activities, including:
    - Strategies and technologies that reduce unnecessary idling, including auxiliary power units, the use of electric equipment, and strict enforcement of idling limits; and
    - Use of clean diesel through add-on control technologies like diesel particulate filters and diesel oxidation catalysts, repowers, or newer, cleaner equipment.
- Stormwater – utilize low impact development (LID) principles such as minimizing effective imperviousness to create site drainage, and the planting of native and non-invasive vegetation on the Project site for stormwater management purposes. Other LID practices can include bioretention facilities, rain gardens, vegetated rooftops, rain barrels, and permeable pavements;
- Cost-efficient, environmentally friendly landscaping – EPA's GreenScapes program provides cost-efficient and environmentally friendly solutions for landscaping; and
- Water conservation and efficiency – promote water conservation and efficiency through the use of water efficient products and practices.
    - The use of products with the WaterSense label where appropriate.

GOSR, acting as Lead Agency, and having prepared a Short Environmental Assessment Form, has determined that the proposed action will not have a significant effect on the environment and a Draft Environmental Impact Statement will not need to be prepared.

Lori A. Shirley
Date: October 21, 2019
Director, Bureau of Environmental Review and Assessment
Governor's Office of Storm Recovery
New York State Homes & Community Renewal
38-40 State Street, Albany, NY 12207
Office: (518) 474-0755

Attachments:
Long Environmental Assessment Form
Site Location Figures
Floodplain Maps
Wetland Maps
Site Plan
Negative Declaration Distribution List

A copy of this Notice is available at the following web address:

http://www.stormrecovery.ny.gov/environmental-docs

Long Environmental Assessment Form

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Inwood Gardens Project		
Project Location (describe, and attach a general location map): 255 Lawrence Avenue, Inwood, Nassau County, New York		
Brief Description of Proposed Action (include purpose or need): The Inwood Gardens Project will involve construction of a new 3,670 square foot Community Center, new transformer for the Community Center, installation of a new generator for the entire site, and flood resiliency improvements for the existing boiler, electrical rooms/spaces and apartment building crawlspaces. The resiliency improvements will prevent future damages from storms.		
Name of Applicant/Sponsor: Town of Hempstead Housing Authority (Applicant)	Telephone: 516-485-9666 ext. 124 E-Mail: ronniewlaw@gmail.com	
Address: 760 Jerusalem Ave		
City/PO: Uniondale	State: NY	Zip Code: 11553
Project Contact (if not same as sponsor; give name and title/role): Alicia Shultz - Governor's Office of Storm Recover, Senior Environmental Scientist	Telephone: (518) 474-0647 E-Mail: alicia.shultz@nyshcr.org	
Address: 38-40 State Street		
City/PO: Albany	State: NY	Zip Code: 12207
Property Owner (if not same as sponsor):	Telephone: E-Mail:	
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees ☐Yes ☑No		
b. City, Town or Village Planning Board or Commission ☐Yes ☑No		
c. City, Town or Village Zoning Board of Appeals ☐Yes ☑No		
d. Other local agencies ☑Yes ☐No	Town of Hempstead Housing Authority	
e. County agencies ☑Yes ☐No	Nassau - Sewer permit, Road Opening permit (for curb cut), and Fire Alarm	
f. Regional agencies ☑Yes ☐No	Town of Hempstead Building Permit and Site Plan Approval; Floodplain Development permit	
g. State agencies ☐Yes ☑No		
h. Federal agencies ☑Yes ☐No	HUD NDR	

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes ☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes ☑No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes ☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes ☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes ☐No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☑Yes ☐No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐Yes ☑No

If Yes, identify the plan(s):

_____

_____

_____

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes ☑No

If Yes, identify the plan(s):

_____

_____

_____

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
The project is located in the CA (residence district) of the Town of Hempstead.

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Lawrence School District

b. What police or other public protection forces serve the project site?
Inwood and Lawrence-Cedarhurst police districts

c. Which fire protection and emergency medical services serve the project site?
Inwood and Lawrence-Cedarhurst fire districts; Jamaica Hospital Medical Center and Long Island Jewish and St. John's Episcopal Hospital

d. What parks serve the project site?
The following beaches are located nearby: Lido Beach, Lido West Town park, Town Park at Point Lookout, Town Park at Sands and Hewlett Point Park; parks Kennedy Memorial Park, Lincoln Park, and Town of Hempstead Rath Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Residential

b. a. Total acreage of the site of the proposed action? 2.8 acres
b. Total acreage to be physically disturbed? 0.25 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 2.8 acres

c. Is the proposed action an expansion of an existing project or use? ☑ Yes ☐ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: 3,670 FT2 community ctr

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
_____
ii. Is a cluster/conservation layout proposed? ☐ Yes ☑ No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: _____ months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☐ Yes ☑ No

If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase	_____	_____	_____	_____
At completion of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? ☑ Yes ☐ No

If Yes,

i. Total number of structures 1

ii. Dimensions (in feet) of largest proposed structure: 25 feet height; 48 feet width; and 75 feet length

iii. Approximate extent of building space to be heated or cooled: 3,670 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☑ No

If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source. _____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) ☑ Yes ☐ No

If Yes:

i .What is the purpose of the excavation or dredging? Creating foundation of building

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): None
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

Re-use on site, excavation for foottings-walls of community center.

iv. Will there be onsite dewatering or processing of excavated materials? ☐ Yes ☑ No

If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? ☐ Yes ☑ No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐ Yes ☑ No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres: _____

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☐No
If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☐No
If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? ☑Yes ☐No
If Yes:

i. Total anticipated water usage/demand per day: intermittent bathrooms and kitchen gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☑Yes ☐No
If Yes:

- Name of district or service area: Water Authority of Western Nassau County
- Does the existing public water supply have capacity to serve the proposal? ☑ Yes ☐ No
- Is the project site in the existing district? ☑ Yes ☐ No
- Is expansion of the district needed? ☑ Yes ☐ No
- Do existing lines serve the project site? ☐ Yes ☑ No

iii. Will line extension within an existing district be necessary to supply the project? ☑Yes ☐No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project: Water lines to the new community center will be extended from the existing lines serving the housing complex.
- Source(s) of supply for the district: groundwater

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☑No
If, Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☑ Yes ☐No
If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): The community center will be used intermittently with two bathrooms. laundry and a kitchen. Sanitary, not significant amount.

iii. Will the proposed action use any existing public wastewater treatment facilities? ☑Yes ☐No
If Yes:

- Name of wastewater treatment plant to be used: Nassau County
- Name of district: Sanitary District 1
- Does the existing wastewater treatment plant have capacity to serve the project? ☑Yes ☐No
- Is the project site in the existing district? ☑Yes ☐No
- Is expansion of the district needed? ☐Yes ☑No

- Do existing sewer lines serve the project site? ☑ Yes ☐ No
- Will a line extension within an existing district be necessary to serve the project? ☑ Yes ☐ No

  If Yes:
  - Describe extensions or capacity expansions proposed to serve this project: _____

Extension of existing lines to the community center.

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐ Yes ☑ No

If Yes:
- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

_____

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☐ Yes ☑ No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

_____

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐ Yes ☐ No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐ Yes ☐ No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☐ Yes ☑ No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

_____

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

_____

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

_____

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐ Yes ☑ No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐ Yes ☐ No

ii. In addition to emissions as calculated in the application, the project will generate:
- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

_____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend ☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☐No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☑Yes ☐No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

Lights and 2 washers and dryers

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☑No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: 8:30 am to 4:30 pm
- Saturday: None
- Sunday: None
- Holidays: None

ii. During Operations:

- Monday - Friday: Community Center various
- Saturday: _____
- Sunday: _____
- Holidays: _____

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☐ Yes ☑ No

If yes:

i. Provide details including sources, time of day and duration:

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☐ No

Describe:

n. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

Outside lighting for the new community center. Adjacent to residence on south side.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☑ No

Describe:

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☑ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities:

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☑ Yes ☐ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: 28500 cubic feet asphalt tons per 1 week (unit of time)
- Operation : Minimal community center tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: to be determined, potential recycling of asphalt.
- Operation: Landfill

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: Landfill
- Operation: Landfill Inwood Sanitation District 1

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☑ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

No hazardous waste

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☑ Urban ☐ Industrial ☑ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)

☑ Forest ☐ Agriculture ☑ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

_____

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	1.8	2	+0.2
• Forested	0	0	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0	0	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? ☐ Yes ☑ No

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐ Yes ☑ No

If Yes,

i. Identify Facilities:

_____

_____

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

_____

iii. Describe any development constraints due to the prior solid waste activities: _____

_____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

_____

_____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐ Yes ☑ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☐ No

☐ Yes – Spills Incidents database Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

_____

_____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☑ Yes ☐ No

If yes, provide DEC ID number(s): 130091, V00212, 130198

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

The sites have been remediated or have remedial systems in place and do not pose a threat to the proposed project.

_____

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☑ No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☑ No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? 1,000 feet

b. Are there bedrock outcroppings on the project site? ☐ Yes ☑ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site:

Urban Land	92.7 %
Urban Land - Riverhead Complex	7.1 %
	%

d. What is the average depth to the water table on the project site? Average: 11 feet

e. Drainage status of project site soils:
- ☑ Well Drained: 100 % of site
- ☐ Moderately Well Drained: _____% of site
- ☐ Poorly Drained _____% of site

f. Approximate proportion of proposed action site with slopes:
- ☑ 0-10%: 100 % of site
- ☐ 10-15%: _____% of site
- ☐ 15% or greater: _____% of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐ Yes ☑ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☑ Yes ☐ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑ Yes ☐ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐ Yes ☑ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____
The EAF mapper is incorrect, no wetlands or water bodies adjoin or are adjacent to the proposed project

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100-year Floodplain? ☑ Yes ☐ No

k. Is the project site in the 500-year Floodplain? ☐ Yes ☑ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☑ Yes ☐ No
If Yes:

i. Name of aquifer: Sole Source Aquifer Names:Nassau-Suffolk SSA

m. Identify the predominant wildlife species that occupy or use the project site: _____

song birds _____ _____ _____

Squirrels, chipmonks, fox _____ _____ _____

n. Does the project site contain a designated significant natural community? ☑ Yes ☐ No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): _____

Marine Back-barrier Lagoon

ii. Source(s) of description or evaluation: _____

iii. Extent of community/habitat:

- Currently: 14136.0 acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐ Yes ☑ No

If Yes:

i. Species and listing (endangered or threatened): _____

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐ Yes ☑ No

If Yes:

i. Species and listing: _____

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☑ No

If yes, give a brief description of how the proposed action may affect that use: _____

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☑ No

If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☑ No

i. If Yes: acreage(s) on project site? _____

ii. Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☑ No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐ Yes ☑ No

If Yes:

i. CEA name: _____

ii. Basis for designation: _____

iii. Designating agency and date: _____

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☐ Yes ☑ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District

ii. Name: _____

iii. Brief description of attributes on which listing is based:

_____

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☑ Yes ☐ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☐ Yes ☑ No

If Yes:

i. Identify resource: _____

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____

iii. Distance between project and resource: _____ miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Alicia Shultz (Sponsor) Date 10/21/2019

Signature Alicia Shultz Title Senior Environmental Scientist

PRINT FORM

EAF Mapper Summary Report

Wednesday, August 21, 2019 10:39 AM

Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	130091, V00212, 130198
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	Yes
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Sole Source Aquifer Names:Nassau-Suffolk SSA
E.2.n. [Natural Communities]	Yes

E.2.n.i [Natural Communities - Name]	Marine Back-barrier Lagoon
E.2.n.i [Natural Communities - Acres]	14136.0
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "**Yes"** to a numbered question, please complete all the questions that follow in that section.
- If you answer "**No"** to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)
If "Yes", answer questions a - j. If "No", move on to Section 2.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☑	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: None		☑	☐

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g)

☑ NO ☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____ _____		☐	☐

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h)

☑ NO ☐ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	☐	☐
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	☐	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☐	☐
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	☐	☐
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☐	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☐	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☐	☐
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	☐	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☐	☐
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☐	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☐	☐

l. Other impacts: _____ _____		☐	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)

☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	☐	☐
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	☐	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☐	☐
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☐	☐
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	☐	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☐	☐
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	☐	☐
h. Other impacts: _____ _____		☐	☐

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2)

☐ NO ☑ YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	☑	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☑	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☑	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☑	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☑	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☑	☐

g. Other impacts: None		☑	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) ☑ NO ☐ YES

If "Yes", answer questions a - f. If "No", move on to Section 7.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☐	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____		☐	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☑ NO ☐ YES

If "Yes", answer questions a - j. If "No", move on to Section 8.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☐	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☐	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☐	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☐	☐

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	☐	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☐	☐
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	☐	☐
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ _____	E1b	☐	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☐	☐
j. Other impacts: _____ _____		☐	☐

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	☐	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, Elb	☐	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☐	☐
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	☐	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	El a, E1b	☐	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☐	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☐	☐
h. Other impacts: _____		☐	☐

9. Impact on Aesthetic Resources

The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)

☑ NO ☐ YES

If "Yes", answer questions a - g. If "No", go to Section 10.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☐	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☐	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	 ☐ ☐	 ☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	 ☐ ☐	 ☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☐	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☐	☐
g. Other impacts: _____ _____		☐	☐

10. Impact on Historic and Archeological Resources

The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)

☑ NO ☐ YES

If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☐	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☐	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	☐	☐

d. Other impacts: _____ _____		☐	☐
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	☐	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☐	☐
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	☐	☐

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan.
(See Part 1. C.2.c, E.1.c., E.2.q.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	☐	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☐	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☐	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☐	☐
e. Other impacts: _____ _____		☐	☐

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)
If "Yes", answer questions a - c. If "No", go to Section 13.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☐	☐
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	☐	☐
c. Other impacts: _____ _____		☐	☐

13. Impact on Transportation

The proposed action may result in a change to existing transportation systems. ☑ NO ☐ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	☐	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☐	☐
c. The proposed action will degrade existing transit access.	D2j	☐	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☐	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☐	☐
f. Other impacts: _____		☐	☐

14. Impact on Energy

The proposed action may cause an increase in the use of any form of energy. ☐ NO ☑ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	☑	☐
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	☑	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☑	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☑	☐
e. Other Impacts: None		☑	☐

15. Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise, odors, or outdoor lighting. ☐ NO ☑ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	☑	☐
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	☑	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☑	☐

d. The proposed action may result in light shining onto adjoining properties.	D2n	☑	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☑	☐
f. Other impacts: None, additionally lighting on the community center.		☑	☐

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☑ NO ☐ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	Relevant Part I Question(s)	No,or small impact may cccur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	☐	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☐	☐
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	☐	☐
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	☐	☐
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	☐	☐
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	☐	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☐	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☐	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☐	☐
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	☐	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☐	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☐	☐
m. Other impacts: _____			

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. ☑ NO ☐ YES
(See Part 1. C.1, C.2. and C.3.)
If "Yes", answer questions a - h. If "No", go to Section 18.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	☐	☐
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, Elb	☐	☐
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____ _____		☐	☐

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. ☑ NO ☐ YES
(See Part 1. C.2, C.3, D.2, E.3)
If "Yes", answer questions a - g. If "No", proceed to Part 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐

PRINT FULL FORM

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:
To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

As provided in the project description, land will be altered for the construction of the new community center to be located in an existing parking lot. Approximately 800 square feet of impermeable surface will be added to the project site which will be offset by flood vents to be installed in the apartments. The community center is engineered to withstand 100-year floods. Because the community center only increases impermeable surface by 800 square feet and the flood vents offset the impermeable surface, the impacts to the floodplain will be small. The new community center will be a new source of energy usage and will be equipped with washers and dryers and a kitchen.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☐ Type 1 ☑ Unlisted

Identify portions of EAF completed for this Project: ☐ Part 1 ☐ Part 2 ☐ Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the _____ as lead agency that:

☑ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: Inwood Gardens Apartments

Name of Lead Agency: Governor's Office of Storm Recovery

Name of Responsible Officer in Lead Agency: Lori A. Shirley

Title of Responsible Officer: Certifying Officer

Signature of Responsible Officer in Lead Agency: Date:

Signature of Preparer (if different from Responsible Officer) Alicia Shultz Date: 07/09/2019

For Further Information:

Contact Person: Alicia Shultz

Address: 38-40 State Street, Hampton Plaza, Albany, NY 12207

Telephone Number: (518) 474-0647

E-mail: alicia.shultz@nyshcr.org

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)
Other involved agencies (if any)
Applicant (if any)
Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html

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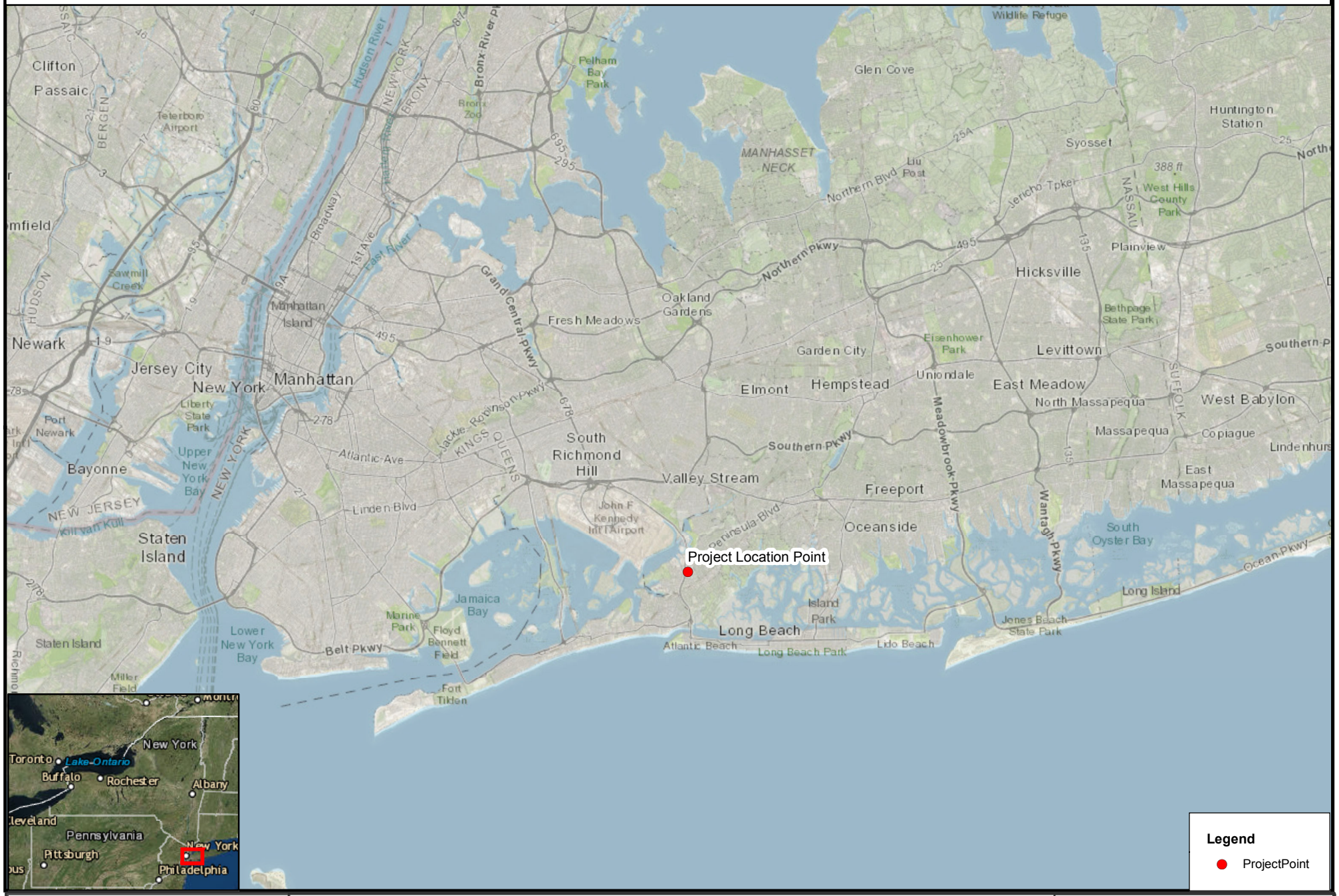
Site Location Figures

Project Location Map - Regional



0 3 6 Miles

Inwood Gardens
255 Lawrence Ave, Inwood, NY 11566

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

Governor's Office of Storm Recovery

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FEMA data uses NAVD88*

Project Location Map

0 0.01 0.02 Miles

Inwood Gardens
255 Lawrence Ave, Inwood, NY 11566

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

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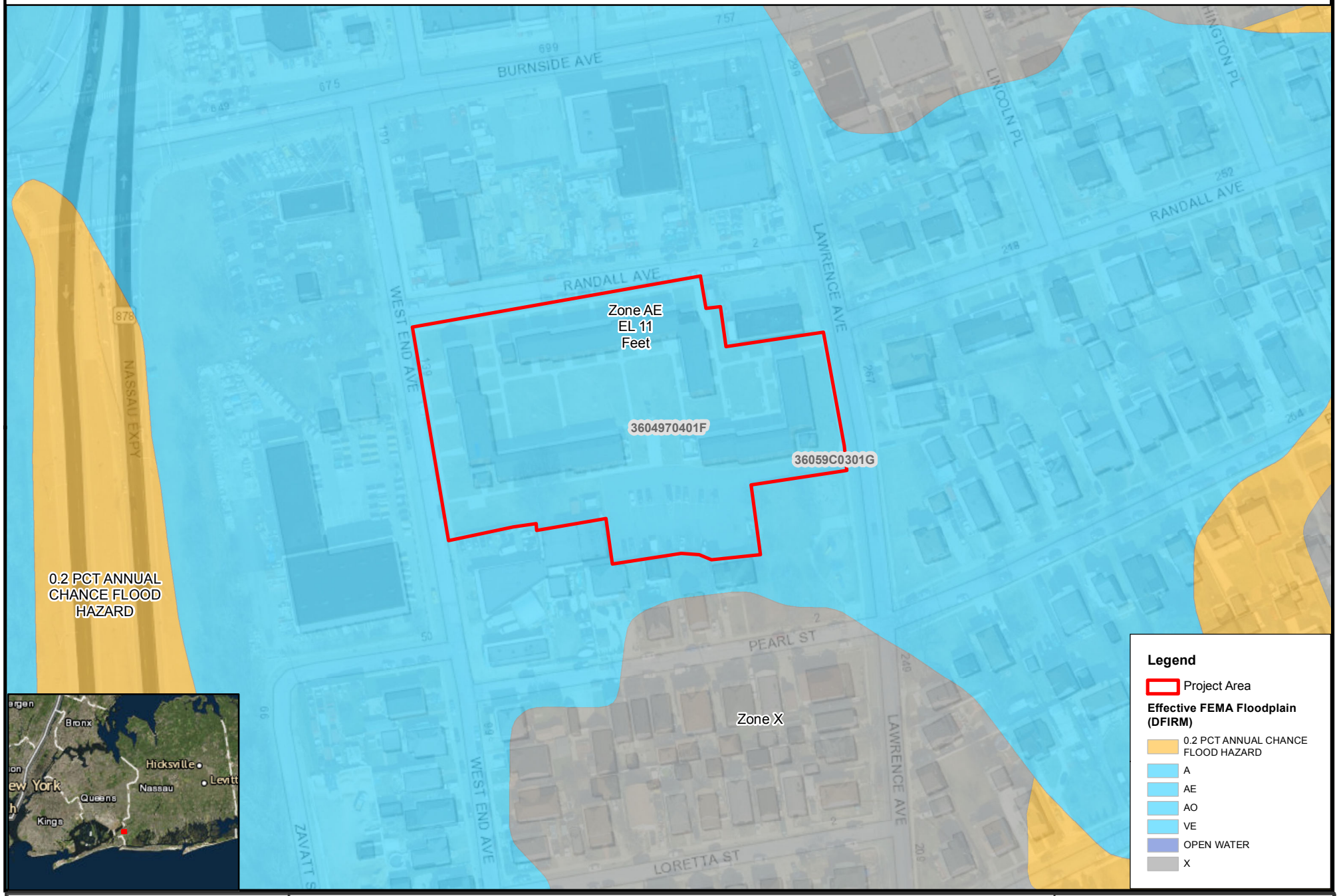
FEMA data uses NAVD88*

Floodplain Map



0 0.0175 0.035 Miles

Inwood Gardens
255 Lawrence Ave, Inwood, NY 11566

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

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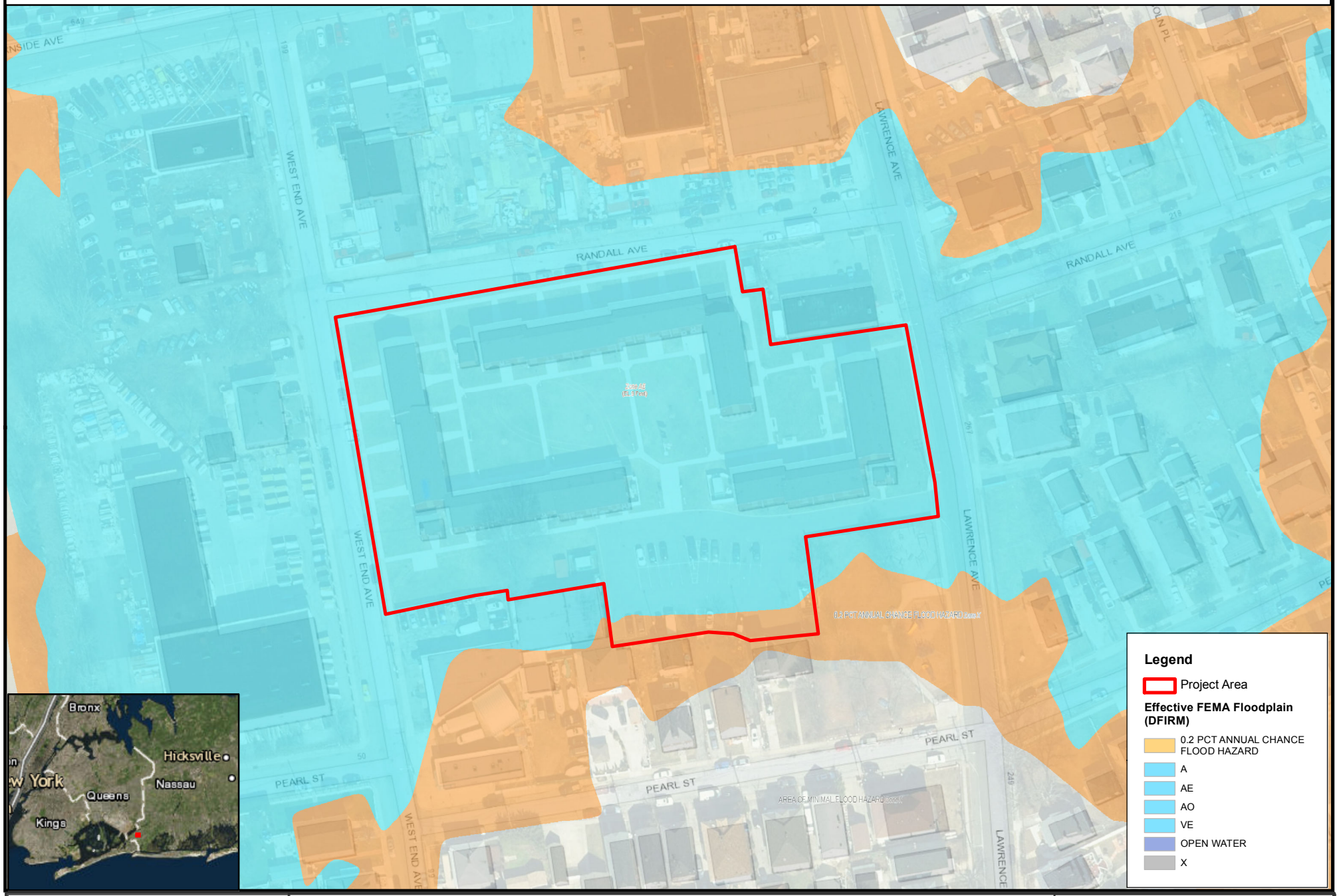
FEMA data uses NAVD88*

Floodplain Map



0 0.0125 0.025 Miles

Inwood Gardens
255 Lawrence Ave, Inwood, NY 11566

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

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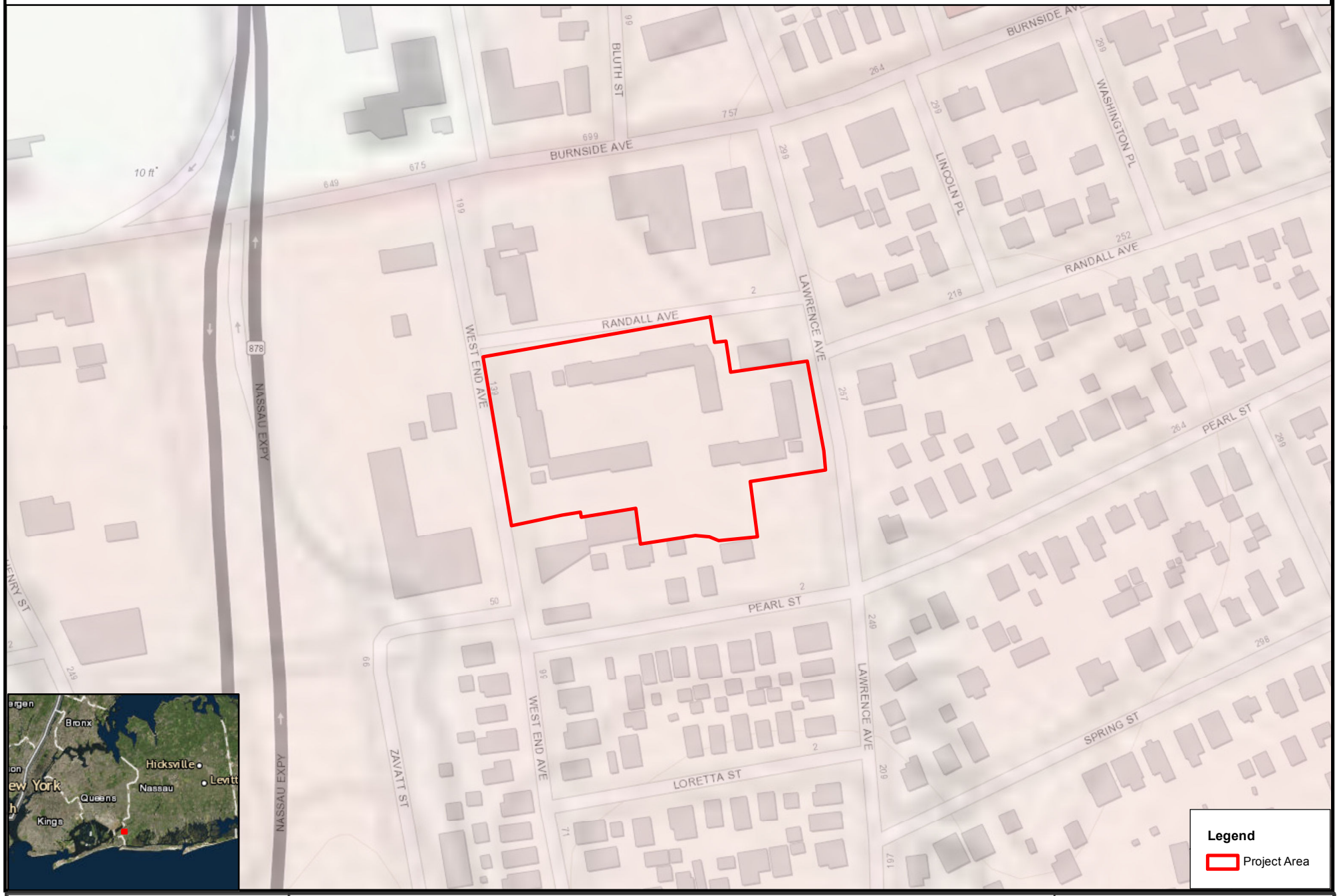
FEMA data uses NAVD88*

USA Topo Map



0 0.0225 0.045 Miles

Inwood Gardens
255 Lawrence Ave, Inwood, NY 11566

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

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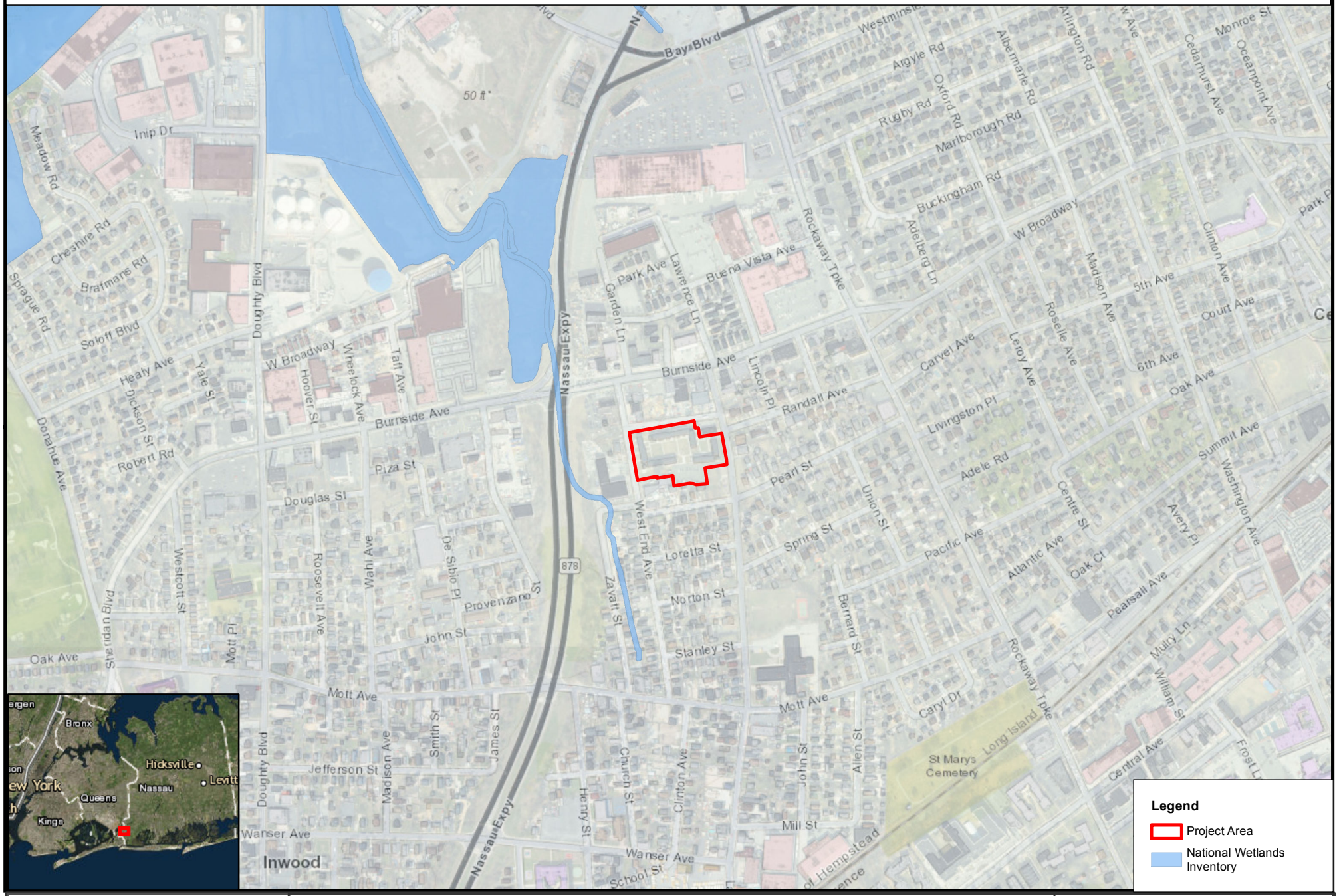
FEMA data uses NAVD88*

National Wetlands Inventory Map



0 0.075 0.15 Miles

Inwood Gardens
255 Lawrence Ave, Inwood, NY 11566

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

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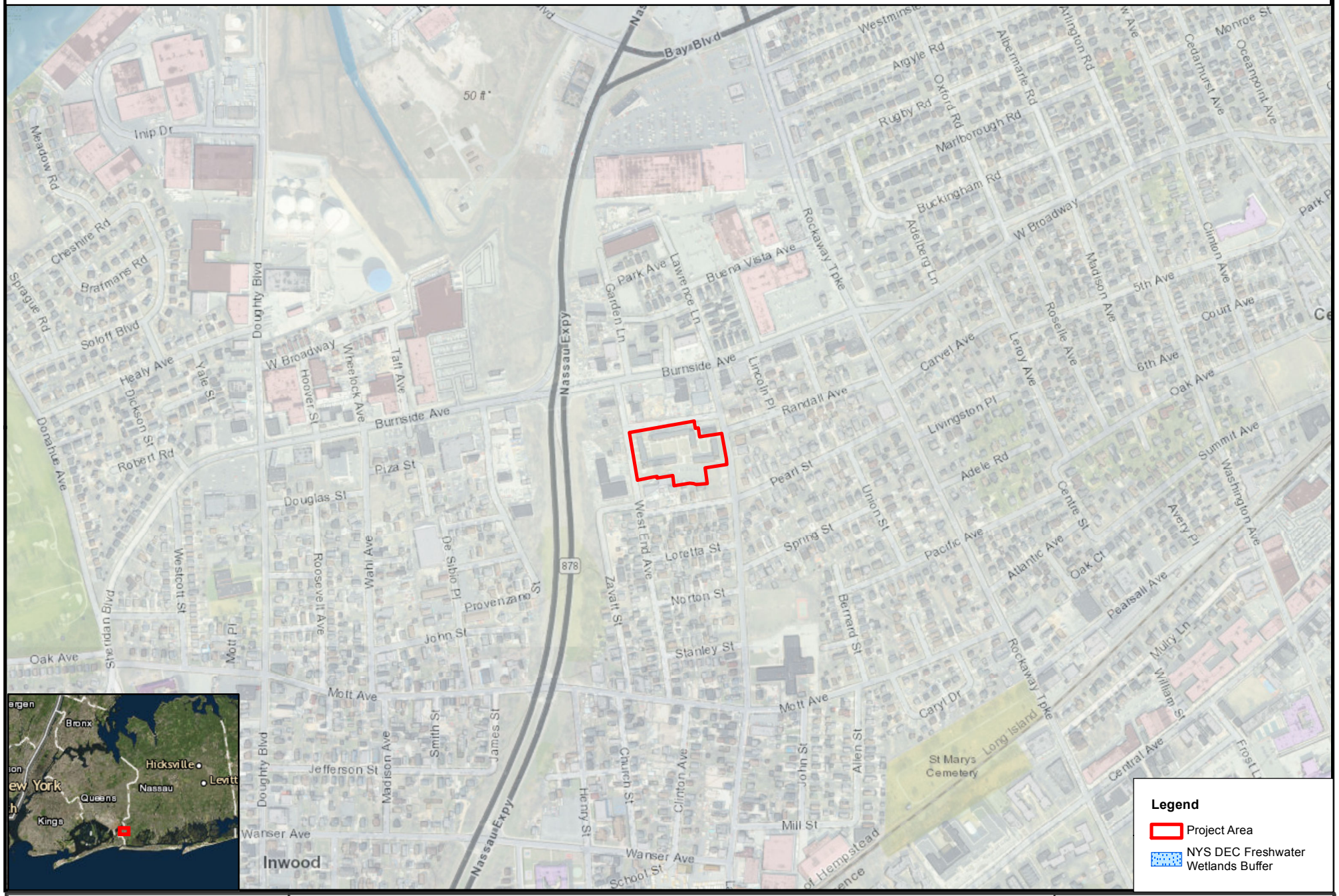
FEMA data uses NAVD88*

NYS Freshwater Wetlands Map



0 0.075 0.15 Miles

Inwood Gardens
255 Lawrence Ave, Inwood, NY 11566

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

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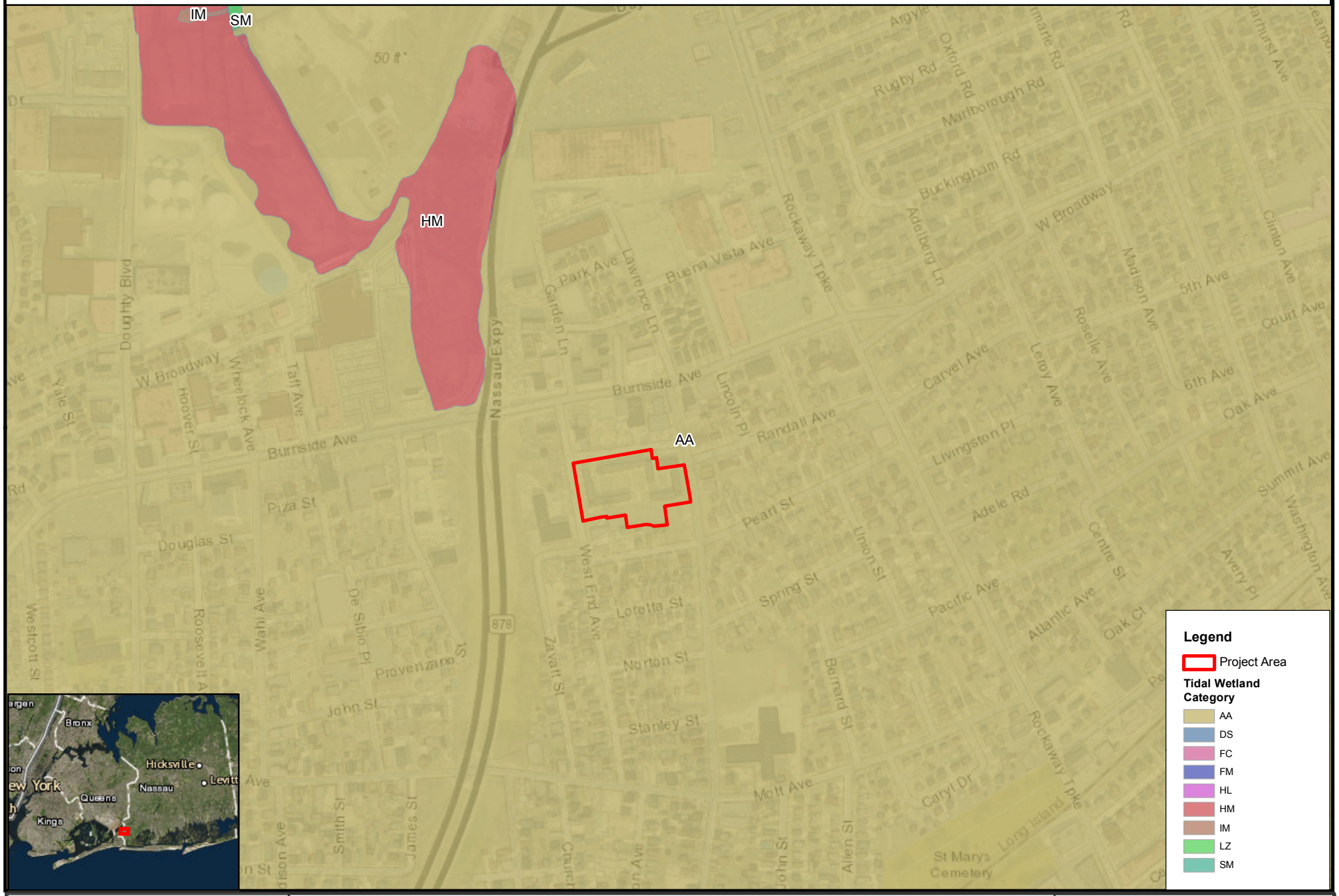
FEMA data uses NAVD88*

Tidal Wetlands Map



0 0.05 0.1 Miles

Inwood Gardens
255 Lawrence Ave, Inwood, NY 11566

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

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FEMA data uses NAVD88*

Site Plan

255 LAWRENCE AVENUE
INWOOD, NY 11096

INWOOD GARDENS

PHASE 1

NEW YORK STATE OF OPPORTUNITY. | DASNY

DORMITORY AUTHORITY STATE OF NEW YORK

1 PENN PLAZA
NEW YORK, NY, 10119-0098

Seal & Signature

ARCHITECT:

LiRo Architects + Planners P.C.

THE LIRO GROUP
1 STATE STREET PLAZA
28TH FLOOR
NEW YORK, NY, 10004
212.563.0280

Seal & Signature

STRUCTURAL ENGINEER:

YAS CONSULTING ENGINEERS
228 E. 45TH STREET 2ND FLOOR
NEW YORK, NY, 10017
212.687.2233

Seal & Signature

CIVIL ENGINEER:

YU & ASSOCIATES
5 PENN PLAZA, 23RD FLOOR
NEW YORK, NY, 10001
212.791.0075

Seal & Signature

MEP ENGINEER:

ENSIGN ENGINEERING, P.C.
111 CALHOUN AVENUE
BRONX, NY 10465
718.863.5590

LIST OF DRAWINGS

TITLE SHEETS

T-001.00	BUILDING CODE & ZONING ANALYSIS	
T-000.00	COVER SHEET	
T-007.00	ABBREVIATION, SYMBOLS & LEGEINDS	
T-006.00	ADA DETAILS & HEIGHTS	
T-009.00	SURVEY - EXISTING CONDITIONS	
T-002.00	NOTES	
T-003.00	INSPECTIONS AND TESTS	
T-004.00	ENERGY CODE COMPLIANCE INSPECTIONS	
T-005.00	ADA DETAILS & NOTES	

CIVIL

C-101.00	DEMOLITION PLAN	
C-102.00	LAYOUT CONTROL PLAN	
C-103.00	SITE PLAN	
C-104.00	GRADING & DRAINAGE PLAN	
C-105.00	SOIL EROSION & SEDIMENT PLAN	
C-501.00	CONSTRUCTION DETAILS	
C-502.00	CONSTRUCTION DETAILS	
C-503.00	CONSTRUCTION DETAILS	

ARCHITECTURAL

A-101.00	FIRST FLOOR PLAN	
A-102.00	ROOF PLAN	
A-201.00	BUILDING ELEVATIONS - 1	
A-202.00	BUILDING ELEVATIONS - 2	
A-300.00	BUILDING SECTIONS - 1	
A-301.00	BUILDING SECTIONS - 2	
A-351.00	WALL SECTIONS - 1	
A-352.00	WALL SECTIONS - 2	
A-353.00	WALL SECTIONS - 3	
A-401.00	FIRST FLOOR REFLECTED CEILING PLAN	
A-501.00	TYP. RESTROOM ENLARGED FL. PLAN & ELEV.	
A-502.00	KITCHEN ENLARGED PLANS & ELEVATIONS	
A-503.00	LAUNDRY ROOM ENLARGED PLANS & ELEV.	
A-601.00	WALL DETAILS	
A-602.00	WALL DETAILS	
A-603.00	STOREFRONT DETAILS	
A-604.00	DOOR & LOUVER DETAILS	
A-605.00	DOOR DETAILS	
A-607.00	MOVING PARTITION DETAILS	
A-610.00	ROOF DETAILS	
A-650.00	MILLWORK DETAILS	
A-651.00	GYPSUM BOARD CEILING DETAILS	
A-907.00	WALL PARTITION SCHEDULE	
LS-101.00	LIFE SAFETY - FIRST FLOOR PLAN	
X-001.00	RENDERINGS	

STRUCTURAL

FO-101.00	FOUNDATION PLAN	
FO-201.00	TYPICAL FOUNDATION DETAILS I	
FO-202.00	TYPICAL FOUNDATION DETAILS II	
FO-203.00	TYPICAL FOUNDATION DETAILS III	
FO-204.00	TYPICAL FOUNDATION DETAILS IV	
FO-301.00	FOUNDATION SECTION AND DETAILS	
S-001.00	GENERAL NOTES I	
S-002.00	GENERAL NOTES II	
S-101.00	FIRST FLOOR PLAN	
S-102.00	ROOF PLAN	
S-301.00	FOUNDATION SECTIONS AND DETAILS	

MECHANICAL

M-001.00	MECHANICAL SYMBOLS, NOTES, SCHEDULES	
M-002.00	MECHANICAL SYMBOLS, NOTES, SCHEDULES 2	
M-003.00	MECHANICAL GENERAL & SEQUENCE NOTES	
M-101.00	MECHANICAL 1ST FLOOR CONSTRUCTION PLAN	
M-501.00	MECHANICAL DETAILS I	
M-502.00	MECHANICAL DETAILS II	
M-503.00	MECHANICAL DETAILS III	

PLUMBING

P-201.00	GAS CONSTRUCTION PLAN	
P-102.00	PLUMBING CONSTRUCTION PLAN	
P-101.00	PLUMBING CONSTRUCTION PLAN	
P-001.00	PLUMBING NOTES, SCHEDULE & ABBREVIATIONS	
P-501.00	PLUMBING DETAILS	
P-401.00	PLUMBING RISER DIAGRAM	

FIRE ALARM

FA-100.00	FIRE ALARM 1ST FLOOR CONSTRUCTION PLAN	
FA-001.00	SYMBOLS MATRIX & EQUIPMENT SCHEDULE	

ELECTRICAL

E-001.00	ELECTRICAL NOTES & LEGENDS	
E-002.00	ELECTRICAL SITE DEMOLITION PLAN	
E-003.00	ELECTRICAL SITE NEW CONSTRUCTION PLAN	
E-004.00	ELECTRICAL PANELS & ELEVATIONS	
E-005.00	GENERATOR SINGLE LINE POWER DIAGRAM	
E-101.00	ELECTRICAL 1ST FLOOR LIGHTING PLAN	
E-102.00	ELECTRICAL 1ST FLOOR POWER PLAN	
E-401.00	ELECTRICAL ONE LINE DIAGRAM	
E-501.00	ELECTRICAL PANEL SCHEDULE	
E-701.00	ELECTRICAL DETAILS	

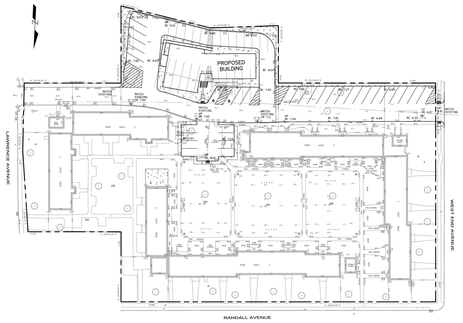
ENERGY ANALYSIS

EN-007.00	ENERGY CODE COMPLIANCE - ENVELOPE, INSPECTIONS	
EN-005.00	ELECTRICAL ENERGY CODE COMPLIANCE II	
EN-001.00	MECHANICAL ENERGY CODE COMPLIANCE I	
EN-006.00	ELECTRICAL ENERGY CODE COMPLIANCE II	
EN-002.00	MECHANICAL ENERGY CODE COMPLIANCE II	
EN-003.00	MECHANICAL ENERGY CODE COMPLIANCE III	
EN-004.00	MECHANICAL ENERGY CODE COMPLIANCE IV	

LOCATION PLAN

COMMUNITY CENTER LOCATION
SBL: 40 026 6
ADDRESS: 255 LAWRENCE AVE, INWOOD 11566

SITE PLAN



60% DD SUBMISSION

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One Penn Plaza, 52 Floor, NY, NY 10119-0098
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WWW. DASNY.ORG

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Date: 01/XX/2019

INWOOD GARDENS

PHASE 1

DASNY Project No: 3425609999

Drawing 1 of ###

BUILDING CODE ANALYSIS

PERMITTING BUILDING CODE: IBC 2015 & UCS 2017

OCCUPANCY CLASSIFICATION (BC 302-312, BC 508)
OCCUPANCY GROUP IBC 304: **A-3**
BUILDING IS NOT SPRINKLERED
PROPOSED STRUCTURE: **1-STORY**
TOTAL AREA: **3,668 S.F.**
PROPOSED BUILDING HEIGHT: **±24FT**
· OCCUPANCY GROUP **A-3** AND CONSTRUCTION TYPE **VB :**
· TABLE 504.3: MAXIMUM BUILDING HEIGHT: **40FT**
· TABLE 504.4: MAXIMUM NUMBER OF STORIES ALLOWED: **1 STORY**
· TABLE 506.2: MAXIMUM TABULAR ALLOWABLE FLOOR AREA: **6,000 S.F.**
· IBC 506.2.1 (EQUATION 1): MAXIMUM ALLOWABLE FLOOR AREA: **9,780 S.F.**

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS) TABLE 601: FOR A BUILDING TYPE VB
· STRUCTURAL FRAME - 0
· BEARING WALLS INTERIOR - 0
· BEARING WALLS EXTERIOR - 0
· NONBEARING WALLS AND PARTITIONS - 0
· FLOOR CONSTRUCTION INCLUDING BEAMS AND JOISTS - 0
· ROOF CONSTRUCTION INCLUDING SUPPORT BEAM AND JOISTS - 0

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (HOURS) TABLE 602
X < 5' - 1HR
5' ≤ X ≤ 10' - 1HR
10' ≤ X ≤ 30' - 0HR

SEPARATION OF OCCUPANCIES TABLE 508.4:
· MECH / ELECT. ROOMS - 1HR FIRE BARRIER &/OR HORIZONTAL ASSEMBLY

SEPARATION OF INCIDENTAL USES TABLE 509
· LAUNDRY ROOM OVER 100 S.F.: 1HR. FIRE BARRIER &/OR HORIZONTAL ASSEMBLY

ALLOWABLE AREA OF OPENINGS, IBC 705.8.1 EXCEPTION 2
· BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

PARAPETS - IBC 705.11 EXCEPTION 1: **NOT REQUIRED.**

AUTOMATIC SPRINKLER SYSTEM - IBC SECTION 903.2: **NOT REQUIRED.**
AUTOMATIC SMOKE DETECTION SYSTEM - UCS 2017 SECTION 3.8: **REQUIRED**

ROOM DESIGNATION:	PROPOSED SF:	MAX FA/OCC (SF)	MAX. OCC LOAD:
MULTIPURPOSE ROOM	1,806 SF GROSS	15 SF NET	121 PERSONS
MEETING SPACE	514 SF GROSS	20 SF NET	26 PERSONS
LAUNDRY ROOM	188 SF GROSS	50 SF GROSS	4 PERSONS
MECHANICAL/ELEC RM	203 SF GROSS	300 SF GROSS	1 PERSON
TOTAL OCCUPANT LOAD			149 PERSONS

GENERAL MEANS OF EGRESS

MINIMUM REQUIRED EGRESS WIDTH IBC 1005.3:
· STAIRS (EXTERIOR) - 0.3 X 151 OCCUPANTS = 45.3" (30"+30" = 60" PROVIDED)
· RAMPS (EXTERIOR) - 0.2 X 151 OCCUPANTS = 30.2" (2 - 36" RAMPS PROVIDED)
· AISLES - 0.2" X 151 OCCUPANTS = 30.2" (48" PROVIDED)
· EXIT DOORS - 0.2" X 151 OCCUPANTS = 30.2" (3 - 36" DOORS PROVIDED)
· AISLE WIDTH TABLE 1020.2 = 44" (48" AISLE WIDTH PROVIDED)

MAXIMUM COMMON PATH OF EGRESS TRAVEL (NOT SPRINKLERED):
· IBC SECTION 1006.2.1: 1 EXIT - MAX. 75FT
· IBC TABLE 1017.2: 2 EXITS - MAX. 200FT
· IBC SECTION 1020.4: DEAD END - MAX. 20FT

MIN. NUMBER OF EXITS OR ACCESS TO EXITS TABLE 1006.3.1:
· FROM MULTIPURPOSE ROOM A+B = 2 EXITS REQUIRED (4 EXITS PROVIDED)
· FROM MULTIPURPOSE ROOM A = 2 EXITS REQUIRED (2 EXITS PROVIDED)
· FROM MULTIPURPOSE ROOM B = 2 EXITS REQUIRED (2 EXITS PROVIDED)
. FROM OTHER ROOMS - 1 EXIT REQUIRED (1 EXIT PROVIDED)

ASSEMBLY SPACES (NOT SPRINKLERED):
· MAX. TRAVEL DISTANCE TO AN EXIT DOOR IBC 1029.7: 200FT
· MAX. COMMON PATH OF EGRESS TRAVEL IBC 1029.8: 30FT
· MIN. AISLE WIDTH WHERE AISLE SERVES LESS THAN 50 SEATS: 36"

SEISMIC, WIND & SNOW DATA : SEE STRUCTURAL DRAWINGS.

PROJECT INFORMATION

1. BOROUGH: NASSAU COUNTY
2. TOWN OF: HEMPSTEAD
3. ADDRESS: 255 LAWRENCE AVE, INWOOD 115663.
4. SECTION: 40, BLOCK: 026, LOT: 6
5. SBL # 40 026 6
6. FEMA MAP: 36059C0301G - 2013
7. ZONE AE - ELEV. 9 FEET

PLUMBING FIXTURE CALCULATION IPC TABLE 403.1

OCCUPANCY: A-3		151 PERSONS TOTAL	
		REQUIRED	PROVIDED
WATER CLOSETS (URINALS)	MALE	1 PER 125	2
	FEMALE	1 PER 65	2
LAVATORIES	MALE	1 PER 200	2
	FEMALE	1 PER 200	2
DRINKING FOUNTAIN		1 PER 500	2
SERVICE SINK		1	2

ENERGY CODE COMPLIANCE

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, ALL PLANS AND APPLICATION ARE IN COMPLIANCE WITH THE 2015 NEW YORK STATE ENERGY CONSERVATION CODE

2015 ENERGY CONSERVATION CONSTRUCCION CODE OF NEW YORK STATE. CLIMATE ZONE: 4 ALL OTHER

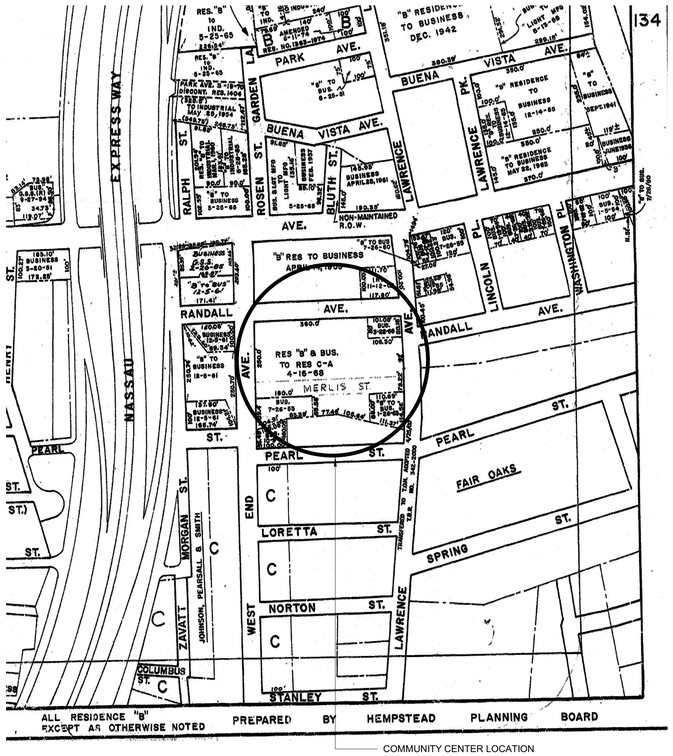
BUILDING ENVELOPE REQUIREMENTS-OPAQUE-ASSEMBLIES EXCERPTS FROM TABLE 502.2 (1)	REQUIRED	PROVIDED
ROOF		
ATTIC AND OTHER	R-38	R-38
WALL ABOVE GRADE		
MASS	R-9.5 Ci	R-9.5 Ci
WOOD FRAMED AND OTHER	R-13 + R-3.8Ci OR R-20	R-20
WALL BELOW GRADE		
BELOW - GRADE WALL	NA	
SLAB - ON GRADE FLOORS		
UNHEATED SLABS	R-10 FOR 24" BELOW	R-10 FOR 24" BELOW
FENESTRATION - TABLE C402.4 ZONE 4		
FIXED FENESTRATION	U = 0.38	U = 0.38
OPERABLE FENESTRATION	U = 0.45	U = 0.45
ENTRANCE DOORS	U = 0.77	U = 0.77
INTERIOR LIGHTING POWER ALLOWANCE TABLE C405.2(2)		
MEETING	LPD = 0.73 (W/SF)	LPD = 0.73 (W/SF)
MULTI-PURPOSE ROOM	LPD = 1.23 (W/SF)	LPD = 1.23 (W/SF)
FOOD PREPARATION AREA	LPD = 1.21 (W/SF)	LPD = 1.21 (W/SF)
ELECTRICAL/MECHANICAL ROOM	LPD = 0.95 (W/SF)	LPD = 0.95 (W/SF)
LAUNDRY ROOM	LPD = 0.6 (W/SF)	LPD = 0.60 (W/SF)
RESTROOMS	LPD = 0.98 (W/SF)	LPD = 0.98 (W/SF)
STORAGE ROOM	LPD = 0.63 (W/SF)	LPD = 0.63 (W/SF)

ZONING ANALYSIS

TOWN OF HEMPSTEAD - INWOOD GARDNES		
BLOCK	SECTION 40/BLOCK 25	
LOT	5	
ZONING DISTRICT	CA (RESIDENCE DISTRICTS)	
LOT AREA	135,170 SF	
LANDMARK/HISTORIC	NO	
COASTAL ZONE LOT	AE-11	
HEIGHT	MAX. **35 FT OR 2-1/2 STORIES**	COMPLIES
MAX BLDG AREA	THE BUILDING AREA SHALL NOT EXCEED **35%** OF THE LOT AREA	COMPLIES
FRONT YARDS	FRONT YARD DEPTH SHALL BE A MINIMUM OF **25FT**, IN THE CASE OF A CORNER LOT, A FRONT YARD SHALL BE REQUIRED ON EACH STREET.	COMPLIES
SIDE YARDS	THERE SHALL BE TWO SIDE YARDS, ONE ON EACH SIDE OF THE MAIN BUILDING, EACH HAVING A MINIMUM WIDTH OF AT LEAST 20 FEET, EXCEPT THAT WHERE THERE ARE TWO OR MORE MAIN BUILDINGS UPON THE PLOT, THE MINIMUM SIDE YARD REQUIREMENT OF **20** FEET SHALL APPLY ONLY ALONG THE SIDE PROPERTY LINES OF THE ENTIRE PLOT.	COMPLIES
REAR YARDS	THERE SHALL BE A REAR YARD, THE DEPTH OF WHICH SHALL BE AT LEAST **25FT**.	COMPLIES
ACCESSORY BUILDINGS, STRUCTURES AND USES	***ACCESSORY BUILDINGS MAY OCCUPY NO GREATER THAN 40% OF THE AREA OF THE REAR YARD, WITH AN AVERAGE HEIGHT OF NO GREATER THAN 12FT	COMPLIES

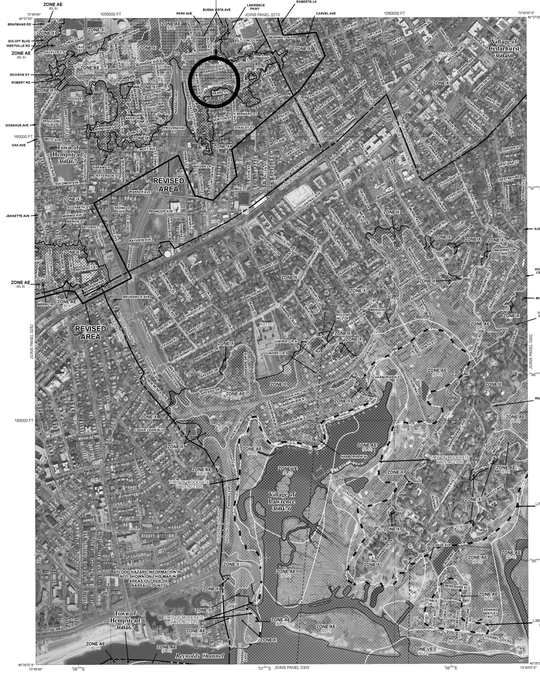
FLOOD ELEVATIONS NAVD88

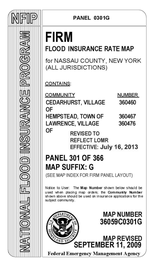
BUILDING	FINISH FLOOR ELEVATION	BASE FLOOD ELEVATION	FREEBOARD REQUIREMENT	DESIGN FLOOD ELEVATION
NEW COMMUNITY CENTER	12.0'	9.0'	3.00'	12.0'
BUILDING 1	9.14'	9.0'	2.86'	12.0'
BUILDING 2	9.14'	9.0'	2.86'	12.0'
BUILDING 3	9.44'	9.0'	2.56'	12.0'
BUILDING 4	9.44'	9.0'	2.56'	12.0'
BUILDING 5	9.44'	9.0'	2.56'	12.0'
BUILDING 6	9.44'	9.0'	2.56'	12.0'
GENERATOR 1	9.19'	9.0'	2.81'	12.0'
GENERATOR 2	10.30'	9.0'	1.7'	12.0'
GENERATOR 3	9.39'	9.0'	2.61'	12.0'
BOILER ROOM 1	8.42'	9.0'	3.58'	12.0'
BOILER ROOM 2	8.74'	9.0'	3.26'	12.0'
BOILER ROOM 3	8.10'	9.0'	3.90'	12.0'



COMMUNITY CENTER LOCATION
SBL: 40 026 6
ADDRESS: 255 LAWRENCE AVE, INWOOD 11566

BUILDING LOCATION





REV

DESIGN DEVELOPMENT SET 04.01.2019

NEW YORK STATE OF OPPORTUNITY. DASNY

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TOWN OF HEMPSTEAD HOUSING AUTHORITY
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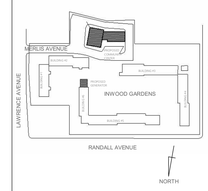
Project Key



REVISIONS

Rev No	Description	Date:
1	text	##/##/20##

Client
GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title
INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title
BUILDING CODE & ZONING ANALYSIS

Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

Drawing Number T-001.00

Drawing ### of ###

GENERAL NOTES:

THE FOLLOWING NOTES SHALL APPLY THROUGHOUT.
EXCEPTIONS ARE SPECIFICALLY NOTED ON EACH DRAWING.

1. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS OF THE SITE AND/OR BUILDING.

2. THE CONTRACTOR SHALL, UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, SECURE AND PAY FOR THE REQUIRED CONSTRUCTION PERMIT(S), FEES, LICENSES AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.

APPLICATION FOR CONSTRUCTION PERMITS SHALL BE PROCESSED THRU THE BUILDING CODE COMPLIANCE DIVISION OF THE AUTHORITY.

3. COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK/PROJECT.

4. THE CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING REQUIRED TO COMPLETE THE WORK OR TO MAKE ITS PARTS FIT TOGETHER PROPERLY WITHOUT COMPROMISING THE QUALITY OF THE WORK.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.

6. ALL ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS ESTABLISHED AND MAINTAINED BY NATIONAL GEODETIC SURVEY OF THE NATIONAL OCEAN SERVICE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION OR SUCCESSOR AGENCY.

7. THE TERM "FINISH FLOOR" SHALL MEAN THE NORMAL FINISHED SURFACE OF THE FLOOR LEVEL.
ALL ELEVATIONS GIVEN FOR EXISTING BUILDINGS ARE TO FINISHED FLOOR. THE CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS FOR EXISTING STRUCTURES PRIOR TO THE COMMENCEMENT OF WORK.

8. THE CONTRACTOR SHALL CORRECT ANY VARIATIONS IN FLOOR ELEVATIONS CREATED BY THE REMOVAL OF PARTITIONS AND/OR FOR THE INSTALLATION OF NEW DOOR OPENINGS.

9. THE CONTRACTOR SHALL NOT CONSTRUCT, UNLESS OTHERWISE NOTED, INTERIOR CMU PARTITION WALLS TO FULL HEIGHT UNTIL ALL PIPES, DUCTS, ETC.. ARE IN PLACE.

10. THE CONTRACTOR SHALL INSTALL SUSPENDED CEILINGS, TO MEET THE CEILING HEIGHT REQUIREMENTS INDICATED IN THE CEILING SCHEDULE.

11. THE CONTRACTOR SHALL PATCH AND REPAIR ALL FLOORS, WALLS CEILINGS, ETC.. DAMAGED OR EXPOSED DUE TO WORK OR REMOVALS AND FINISH TO MATCH ADJOINING SURFACES.

12. FLOORS IN SPACES WITH MULTIPLE FLOOR DRAINS SHALL BE PITCHED TO THE FLOOR DRAIN.

13. AT TOILET AREAS AND OTHER LOCATIONS WITH ONE DRAIN ONLY, PROVIDE DRAIN 2" BELOW FINISH FLOOR AND PROVIDE A TWO (2) FEET SWALE IN CONCRETE TO DRAIN.

14. THE CONTRACTOR SHALL NOT INSTALL SUSPENDED OR FURRED CEILINGS IN AREAS WHERE PIPES ARE TO BE CONCEALED (HEATING,PLUMBING) UNTIL THE PIPING HAS BEEN TESTED.

15. ALL VERTICAL SHAFTS SHALL HAVE A MINIMUM FIRE RATING OF 2-HOURS UNLESS REQUIRED OTHERWISE BY CODES DUE TO OCCUPANCY ADJACENCIES.

16. ALL UNSUPPORTED LINTELS GREATER THAN 4'-0" SHALL BE FIREPROOFED AS PER BUILDING CODE.

17. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PLUMBING FIXTURES PRIOR TO THE CONSTRUCTION OF PARTITIONS BEHIND SUCH FIXTURES.

18. THE DISTANCE FROM DOOR JAMBS TO ADJACENT PARTITIONS, BUILT-IN FURNITURE OR OTHER FURNISHINGS SHALL NOT BE LESS THAN 6" UNLESS OTHERWISE NOTED ON THE DRAWINGS.

19. THE CONTRACTOR SHALL INSTALL FLOORING MATERIAL INTO ALL WARDROBES AND CLOSETS.

20. ALL ELECTRICAL INDICATIONS ON ARCHITECTURAL DRAWINGS ARE FOR LOCATION PURPOSES ONLY.

21. THE CONTRACTOR SHALL COORDINATE OPENINGS IN THE FOUNDATION AND EXTERIOR WALLS FOR THE INSTALLATION OF CONDUITS AND BOXES FOR ELECTRICAL EQUIPMENT.

22. THE CONTRACTOR SHALL EXTEND ALL WALL FINISHES A MINIMUM OF 6" ABOVE THE SUSPENDED OR FURRED CEILING.

23. UNLESS OTHERWISE NOTED, EXTERIOR BRICK WALLS SHALL BE INSTALLED IN A RUNNING BOND.

24. WHERE MANUFACTURES' NAMES AND PRODUCT NUMBERS ARE INDICATED ON THE DRAWINGS, IT SHALL BE CONSTRUED TO MEAN THE ESTABLISHING OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCTS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.

25. FIRESTOPPING SHALL BE INSTALLED AT ALL PENETRATIONS OF FIRE-RATED CONSTRUCTION AS PER SPECIFICATIONS. FIRESTOPPING MATERIALS ARE TO BE APPROPRIATE FOR, AND BE PART OF A LISTED AND LABELED ASSEMBLY IN ACCORDANCE WITH THE BUILDING CODE OR HAVE OTCR OR MEA APPROVAL.

26. LOCATIONS AND DIMENSIONS OF CONCRETE EQUIPMENT PADS IN THESE DRAWINGS ARE APPROXIMATE. FINAL LOCATIONS AND SIZES MUST BE COORDINATED WITH THE EQUIPMENT MANUFACTURER AND ARE SUBJECT TO APPROVAL WITH THE EQUIPMENT SHOP DRAWINGS. THERE SHALL BE NO ADDITIONAL MONIES PAID FOR INCREASE IN SIZE OF PAD DUE TO DIFFERENCE IN SIZE OF THE EQUIPMENT CHOSEN BY THE CONTRACTOR FROM THAT OF MODEL NUMBER/SIZE INDICATED IN CONTRACT DOCUMENTS.

27. ALL RAMPS TO HAVE NON-SLIP SURFACE.

28. THE CONTRACTOR SHALL COORDINATE AND INSTALL ALL CLEANOUT AND ACCESS DOORS IN PARTITIONS AND HUNG CEILINGS AS REQUIRED BY THE CONTRACT DOCUMENTS.

29. DIMENSIONS ON PLANS ARE INDICATED FROM SURFACE TO SURFACE BETWEEN WALLS, PARTITIONS AND OTHER ITEMS EXCLUSIVE OF FINISHES.

30. SIZE OF MASONRY UNITS AND WOOD MEMBERS ON PLANS, BUILDING ELEVATIONS AND SECTIONS ARE SHOWN AS NOMINAL SIZE.

31. PROVIDE DEPRESSED SLABS AND MEMBRANE WATERPROOFING IN WET AREAS WITH MULTIPLE FLOOR DRAINS SUCH AS KITCHENS, SHOWER AREAS, POOL LOCKER ROOMS, ETC..

32. DEPRESSED SLABS ARE REQUIRED IN AREAS TO RECEIVE FOOT GRILLE, FLOATING CONCRETE FLOOR AND/OR WOOD FLOORING, SUCH AS: MAIN LOBBY VESTIBULE, GYMNASIUMS, DANCE FLOORS, AUDITORIUM STAGE/PLATFORM, MUSIC ROOM, ETC.

33. CONSTRUCTION MEETS THE REQUIREMENTS OF TITLE 14 CODE OF FEDERAL REGULATIONS PART 77 SUBPART B. THE CONTRACTOR SHALL FILE A FEDERAL AVIATION AUTHORITY (FAA) FORM 7460-1 60 DAYS PRIOR TO BEGINNING OF CONSTRUCTION.

34. ADDITIONAL NOTES THAT ARE APPLICABLE TO THIS PROJECT MAY BE FOUND THROUGHOUT THE CONTRACT DRAWINGS.

BUILDING DEPARTMENT NOTES:

THE FOLLOWING NOTES SHALL APPLY THROUGHOUT:

1. WORK SHALL BE EXECUTED IN FULL COMPLIANCE WITH THE APPLICABLE PROVISIONS OF ALL LAWS, BY-LAWS, STATUTES, ORDINANCES, CODES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON THE PERFORMANCE AND EXECUTION OF THE WORK. WORK SHALL BE IN CONFORMANCE WITH THE 2014 CONSTRUCTION CODES.

THE CONTRACTOR SHALL PROMPTLY NOTIFY THE AUTHORITY OF ANY PORTIONS OF THE WORK, IN THE CONTRACT DOCUMENTS THAT ARE AT VARIANCE WITH THE ABOVE.

2. THE CONTRACTOR SHALL CONSTRUCT STREETS AND STREET CURBING IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE BUREAU OF HIGHWAYS FOR THE BOROUGH IN WHICH THIS CONTRACT IS TO BE EXECUTED.

3. ALL MATERIALS, ASSEMBLIES, FORMS OF CONSTRUCTION AND SERVICE EQUIPMENT REGULATED BY CODE SHALL MEET THE FOLLOWING REQUIREMENTS:

a). THEY SHALL HAVE BEEN ACCEPTABLE PRIOR TO THE EFFECTIVE DATE OF THE CODE BY THE BOARD OF STANDARDS AND APPEALS OR MEA.

b). THEY SHALL HAVE BEEN ACCEPTED FOR THE USE UNDER THE PRESCRIBED TEST METHODS BY THE COMMISSIONER (OR)

c). SHALL BE LISTED AND LABELED BY DOB RECOGNIZED AGENCY TO MEET REQUIRED STANDARD.

4. MATERIALS OR ASSEMBLIES REQUIRED TO HAVE A FIRE RESISTANCE RATING SHALL COMPLY WITH ONE OF THE FOLLOWING:

a). THEY SHALL CONFORM WITH CHAPTER 7 OF THE NYS BUILDING CODE.

b). THEY SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, STANDARD METHODS OF FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIALS BY A NATIONALLY RECOGNIZED AGENCY.

c). THEY SHALL HAVE BEEN ACCEPTABLE PRIOR TO THE EFFECTIVE DATE OF THE CODE.

5. ALL MASONRY UNITS AND MASONRY CONSTRUCTION SHALL CONFORM TO NYS BUILDING CODE CHAPTER 21.

6. THE CONSTRUCTION CLASSIFICATION OF THE BUILDING IS "TYPE VB" (TABLE 601). THE CONSTRUCTION ELEMENTS SHALL BE OF THE REQUIRED MINIMUM FIRE RESISTANCE RATINGS AS OUTLINED IN TABLE 601 AND DEFINED IN CHAPTER 6 OF THE NYS BUILDING CODE. ALLOWABLE BUILDING HEIGHT AND AREAS SHALL NOT EXCEED AS OUTLINED IN TABLE 503.

7A. PROVISIONS OF BC 508.3 - NON SEPARATED OCCUPANCIES ARE USED. BUILDING HEIGHT AND MAXIMUM FLOOR AREA IS BASED ON MAIN OCCUPANCY AS DETERMINED BY BC 302. FIRE SEPARATION FOR INCIDENTAL USE SPACES SHALL BE IN ACCORDANCE WITH BC 509.4 AND TABLE 509.

7B. THE VARIOUS OCCUPANCIES REQUIRED TO BE SEPARATED FROM EACH OTHER BY FIRE SEPARATION SHALL BE IN ACCORDANCE WITH BC 508.2 OR 508.3 AND TABLE 508.4. FIRE SEPARATIONS FOR INCIDENTAL USE AREAS SHALL BE IN ACCORDANCE WITH BC 509.4 AND TABLE 509.

8. AN ACCURATE AND COMPLETE FINAL LOT SURVEY BY A DULY LICENSED SURVEYOR REQUIRED BY SECTION 28-118.4 OF TITLE 28 SHALL BE FILED AS AN AMENDMENT BEFORE COMPLETION OF THE PROJECT.

9A. THE FOLLOWING WILL BE MADE UNDER SEPARATE APPLICATION BY THE DESIGN APPLICANT IN ACCORDANCE WITH ~~SECTION 28-104.2.6 OF TITLE 28:~~

BUILDERS PAVEMENT PLAN	PRIOR TO T.C.O.
EMERGENCY GENERATOR	PRIOR TO PERMIT
FIRE ALARM	PRIOR TO PERMIT
FIRE PROTECTION PLAN	PRIOR TO T.C.O.
PLACES OF ASSEMBLY	PRIOR TO T.C.O.

9B. THE FOLLOWING SHALL BE MADE UNDER SEPARATE APPLICATION BY THE CONTRACTOR'S LICENSED PROFESSIONAL IN ACCORDANCE WITH SECTION 28-104.2.6 OF TITLE 28:

PERMANENT ELEVATORS	PRIOR TO T.C.O.
TEMPORARY ELEVATORS	PRIOR TO PERMIT
MECHANICAL & HAND DEMOLITION OPERATIONS	PRIOR TO PERMIT
SIDEWALK SHEDS	PRIOR TO PERMIT
CONSTRUCTION FENCES	PRIOR TO PERMIT
CHUTES, SCAFFOLDS, HOISTS	PRIOR TO PERMIT
KITCHEN FIRE SUPPRESSION SYSTEM	PRIOR TO T.C.O.
TEMPORARY STANDPIPE DURING CONSTRUCTION	PRIOR TO PERMIT
STRUCTURAL STABILITYTY	PRIOR TO PERMIT
EXCAVATION SHEETING,SHORING,BRACING	PRIOR TO PERMIT
UNDERPINNING	PRIOR TO PERMIT
SEISMIC DESIGN FOR MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL SYSTEMS	PRIOR TO PERMIT
SPRINKLER/STANDPIPE	PRIOR TO PERMIT

9C. THE ITEMS LISTED IN NOTES 9A AND 9B ABOVE TO BE FILED UNDER SEPARATE APPLICATION i.e. DEFERRED TO BE FILED, SHALL NOT BE CONSTRUCTED PRIOR TO OBTAINING SUCH PERMIT.

10. THE CONTRACTOR'S LICENSED PROFESSIONAL IS RESPONSIBLE FOR FILING APPLICATION AND OBTAINING PERMITS FOR SCAFFOLDING, SIDEWALK BRIDGING, ANY OTHER CONSTRUCTION EQUIPMENT OR PUBLIC PROTECTIVES REQUIRED TO ENSURE SAFETY OF OPERATION AND THE PUBLIC AS PER NYS CONSTRUCTION CODE, CHAPTER 33. SECTION BC 3307. THE CONTRACTOR IS ALSO RESPONSIBLE FOR OBTAINING LETTER OF COMPLETION. APPLICATION FOR CONSTRUCTION PERMITS SHALL BE PROCESSED THROUGH THE BUILDING CODE COMPLIANCE (BCC) DIVISION OF THE AUTHORITY.

11. THE CONTRACTOR SHALL OBTAIN "CERTIFICATE OF COMPLIANCE" REQUIRED IN ACCORDANCE WITH CHAPTER 1 OF TITLE 28 OF THE ADMINISTRATIVE CODE, ARTICLE 116, 28-116.4.1. CERTIFICATE OF COMPLIANCE SHALL BE REQUIRED FOR THE USE AND OPERATION OF THE FOLLOWING TYPE OF SERVICE EQUIPMENT:

AIR-CONDITIONING, VENTILATING AND EXHAUST SYSTEMS
ELEVATORS, ESCALATORS, DUMBWAITERS ETC.
FUEL-BURNING AND FUEL-OIL STORAGE EQUIPMENT
REFRIGERATION SYSTEMS
HEATING SYSTEMS
BOILERS

12. THESE DRAWINGS HAVE BEEN PREPARED BY OR AT THE DIRECTION OF THE UNDERSIGNED AND TO THE BEST OF THE UNDERSIGNED'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT ARE IN COMPLIANCE WITH THE NYS CONSTRUCTION CODES, INCLUDING THE NEW YORK STATE ENERGY CONSERVATION CODE.

13. ALL WORK SHALL COMPLY WITH SECTION BC 1007 AND CHAPTER 11 "ACCESSIBILITY" OF THE NYS BUILDING CODE AND ICC A117.1-2009.

14. ALL NEW WORK SHALL COMPLY WITH THE 2016 NEW YORK STATE ENERGY CONSERVATION CODE.

15. ALL NEW INTERIOR FINISHES SHALL BE CONSTRUCTED OF MATERIALS MEETING CHAPTER 8 FOR FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS OF THE NYS BUILDING CODE.

16. ALL NEW WORK IS CONSTRUCTED MORE THAN 200'-0" FROM ANY MTA, NYSTA OR PA SUBWAY OR TUNNEL STRUCTURES. THE WORK INCLUDES FOUNDATIONS, EARTHWORK AND BURIED OIL TANKS.

17. ALL PLUMBING FIXTURES INSTALLED UNDER THIS CONTRACT SHALL COMPLY WITH TABLE 403.1 OF THE NYS PLUMBING CODE.

18. PANIC HARDWARE INSTALLED UNDER THIS CONTRACT SHALL BE AS PER SECTION BC 1008.1.10.

19. EXIT LIGHTING INSTALLED UNDER THIS CONTRACT SHALL BE AS PER SECTION BC 1006, WITH EMERGENCY POWER MEETING THE REQUIREMENTS OF SECTION 1006.3.

20. EXIT SIGNAGE INSTALLED UNDER THIS CONTRACT SHALL BE AS PER SECTION BC 1011, WITH EMERGENCY POWER MEETING THE REQUIREMENTS OF SECTION 1011.5.3.

21. EMERGENCY POWER, IF REQUIRED, UNDER THIS CONTRACT SHALL BE INSTALLED AS PER CHAPTER 27.

22. ALL AISLES LEADING TO EXITS SHALL BE CONSTRUCTED WITH A MINIMUM UNOBSTRUCTED WIDTH OF 3'-0" UNDER THIS CONTRACT.

23. FIRE ALARM PULL HANDLES INSTALLED UNDER THIS CONTRACT SHALL BE 4'-0" ABOVE THE FINISHED FLOOR TO THE TOP OF THE HANDLE.

24. SITE SAFETY PLANS SHALL BE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE AUTHORITY PRIOR TO APPLYING FOR CONSTRUCTION PERMITS.

25. GLAZING USED FOR SKYLIGHTS SHALL BE AS PER SECTION BC 2405.

26. NO SEPARATION IS REQUIRED BETWEEN ACCESSORY OCCUPANCY AND ITS MAIN OCCUPANCY AS PER BC 508.2.4. THE AGGREGATE OF ALL ACCESSORY OCCUPANCIES LOCATED ON A SINGLE STORY SHALL NOT OCCUPY MORE THAN 10% OF THE FLOOR AREA OF THE STORY IN WHICH THEY ARE LOCATED AS PER BC 508.2.1.

27. FOLLOW CHAPTER 33 OF THE 2014 NYS BUILDING CODE FOR PROTECTION OF THE PUBLIC AND ADJACENT PROPERTIES.

28. LIST OF VIOLATIONS BEING ADDRESSED AS PART OF THIS APPLICATION:

29. (A) ASHRAE 90.1 HAS BEEN USED FOR DESIGN, AS REFLECTED IN THE ENERGY ANALYSIS, THE RESPECTIVE REFERENCES AND CITATIONS FOR ASHRAE 90.1 ARE LISTED FOR THE PROGRESS INSPECTION.

(B) ECC CHAPTER C4 HAS BEEN USED FOR DESIGN, AS REFLECTED IN THE ENERGY ANALYSIS. THE RESPECTIVE REFERENCES AND CITATIONS FOR THE ECC ARE LISTED FOR THE PROGRESS INSPECTION.

30. PROGRESS INSPECTIONS REQUIRED TO BE PERFORMED DURING CONSTRUCTION FOR ANY NEW BUILDING, ADDITION OR ALTERATION PROJECT ARE IDENTIFIED BY THE APPLICANT ACCORDING TO THE SCOPE OF WORK AND LISTED AND DESCRIBED IN THE DRAWINGS. IN ACCORDANCE WITH SECTION BC 109.9, WHERE AN INSPECTION OR TEST FAILS, THE CONSTRUCTION SHALL BE CORRECTED.

31. IN ACCORDANCE WITH ARTICLE 116 OF TITLE 28 AND SECTION BC 109, CONSTRUCTION SHALL BE SCHEDULED TO ALLOW REQUIRED PROGRESS INSPECTIONS TO TAKE PLACE, AND THAT ROOFS, CEILINGS, EXTERIOR WALLS, INTERIOR WALLS, FLOORS, FOUNDATIONS, BASEMENTS AND ANY OTHER CONSTRUCTION SHALL NOT BE COVERED OR ENCLOSED UNTIL REQUIRED PROGRESS INSPECTIONS ARE COMPLETED OR THE PROGRESS INSPECTOR INDICATES THAT SUCH COVERING OR ENCLOSURE MAY PROCEED AT EACH STAGE OF CONSTRUCTION, AS APPLICABLE.

32. APPROVAL IS REQUIRED BY THE OFFICE OF SCHOOL FOOD AND NUTRITION SERVICES (D.O.E.) FOR NEW KITCHEN PRIOR TO SIGN-OFF. REFERENCED SPACE MUST BE INSPECTED AND LETTER OF APPROVAL ISSUED PRIOR TO FINAL SIGN-OFF.

33. FIRE RATED DOOR AND FRAME ASSEMBLIES SHALL BE LABELED BY AN APPROVED AGENCY. THE LABELS SHALL COMPLY WITH NFPA 80, AND SHALL BE PERMANENTLY AFFIXED TO THE DOOR AND FRAME AS PER SECTION BC 715.4.6 OF THE 2014 NYS BUILDING CODE.

34. FIRESTOPPING SHALL BE INSPECTED IN ACCORDANCE WITH ASTM E2174 BY THE SPECIAL INSPECTOR.

35. ELECTROMAGNETICALLY LOCKED EGRESS DOORS SHALL COMPLY WITH BC 1008.1.9.8 OF THE 2014 NYS BUILDING CODE.

36. FIRE DOOR FRAMES WITH TRANSOM LIGHTS AND SIDELIGHTS SHALL COMPLY WITH SECTION BC 715.4.5 OF THE 2014 NYS BUILDING CODE.

37. HEIGHTS OF PARAPETS/RAIL GUARDS IS TO BE 3'-6" MINIMUM ABOVE ADJACENT ROOF LEVEL IN ACCORDANCE WITH SECTION BC 1509.8 OF THE 2014 BUILDING CODE.

38. HANDRAILS AND GUARDS SHALL BE DESIGNED TO RESIST THE LOADS AND TRANSFER SUCH LOADS TO THE STRUCTURE IN ACCORDANCE WITH SECTION BC 1607.7.1 OF THE 2014 BUILDING CODE.

39. (A) BUILDING AREA IS LESS THAN 25,000 SF. AND DOES NOT REQUIRE AIR BARRIER TESTING IN ACCORDANCE WITH SECTION 5.4.3.5 OF APPENDIX CA OF THE 2016 NYS ENERGY CODE.

(B) BUILDING AREA IS LESS THAN 25,000 SF. AND DOES NOT REQUIRE AIR BARRIER TESTING IN ACCORDANCE WITH SECTION C402.5.1.3. OF THE 2016 NYS ENERGY CODE.

DESIGN DEVELOPMENT SET 04.01.2019

NEW YORK STATE OF OPPORTUNITY. DASNY

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Beneficiary:

TOWN OF HEMPSTEAD HOUSING AUTHORITY
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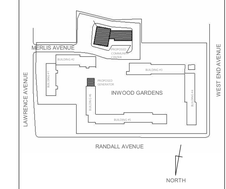
Project Key



REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

NOTES

Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

Drawing Number

T-002.00

Drawing ### *of* ###

INSPECTIONS AND TESTS (Continuous & Periodic is as defined by the BCNYS)	CONTINUOUS	PERIODIC	BCNYS REFERENCE	CHECK IF REQUIRED	SPECIFICATION REFERENCE AND CLARIFYING NOTES (by RDP)[1]	COMMENTARY/NOTES and REFERENCE STANDARDS (by DASNY)[2]
A. Special Cases (Add requirements under Part 5 as necessary)			1705.1.1			Special Inspections and Tests shall be required for proposed work that is, in the opinion of the building official, unusual in its nature.
B. Steel Construction.			1705.2			
1. Structural Steel			1705.2.1			
a. Inspection tasks prior to welding;			1705.2.1			AISC 360 Table N5.4-1
i. Welding procedure specifications (WPSs) available	X		1705.2.1	☐		AISC 360 Table N5.4-1
ii. Manufacturer certifications for welding consumables available	X		1705.2.1	☐		AISC 360 Table N5.4-1
iii. Material identification (type/grade)		X	1705.2.1	☐		AISC 360 Table N5.4-1
iv. Welder identification system		X	1705.2.1	☐		AISC 360 Table N5.4-1 The fabricator or erector, as applicable, shall maintain a system by which a welder who has welded a joint or member can be identified. Stamps, if used, shall be the low-stress type.
v. Fit up of groove welds (including joint geometry)		X	1705.2.1	☐		AISC 360 Table N5.4-1
vi. Configuration and finish of access holes		X	1705.2.1	☐		AISC 360 Table N5.4-1
vii. Fit-up of fillet welds		X	1705.2.1	☐		AISC 360 Table N5.4-1
viii. Check Welding equipment		X	1705.2.1	☐		AISC 360 Table N5.4-1
b. Inspection Tasks During Welding			1705.2.1			AISC 360 Table N5.4-2
i. Use of qualified welders.		X	1705.2.1	☐		AISC 360 Table N5.4-2
ii. Control and handling of welding consumables		X	1705.2.1	☐		AISC 360 Table N5.4-2
iii. No welding over cracked back welds.		X	1705.2.1	☐		AISC 360 Table N5.4-2
iv. Environmental Conditions		X	1705.2.1	☐		AISC 360 Table N5.4-2
v. Verify WPS followed		X	1705.2.1	☐		AISC 360 Table N5.4-2
vi. Verify Welding Techniques		X	1705.2.1	☐		AISC 360 Table N5.4-2
c. Inspection Tasks after Welding			1705.2.1			AISC 360 Table N5.4-3
i. Welds cleaned		X	1705.2.1	☐		AISC 360 Table N5.4-3
ii. Size, length, and location of welds		X	1705.2.1	☐		AISC 360 Table N5.4-3
iii. Welds meet visual acceptance criteria		X	1705.2.1	☐		AISC 360 Table N5.4-3
iv. Arc strikes		X	1705.2.1	☐		AISC 360 Table N5.4-3
v. K-area			1705.2.1	☐		AISC 360 Table N5.4-3; When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks within 3 in. (75mm) of the weld.
vi. Backing removed and weld tabs removed (if required)		X	1705.2.1	☐		AISC 360 Table N5.4-3
vii. Repair activities		X	1705.2.1	☐		AISC 360 Table N5.4-3
viii. Document acceptance or rejection of welded joint or member		X	1705.2.1	☐		AISC 360 Table N5.4-3
d. Inspection Tasks Prior to Bolting			1705.2.1			AISC 360 Table N5.6-1
i. Manufacturer's certification available for fastener materials		X	1705.2.1	☐		AISC 360 Table N5.6-1
ii. Fasteners marked in accordance with ASTM requirements		X	1705.2.1	☐		AISC 360 Table N5.6-1
iii. Proper fasteners selected for the joint detail (grade, type, bolt length if threads are to be excluded from shear plane)		X	1705.2.1	☐		AISC 360 Table N5.6-1
iv. Proper bolting procedure selected for joint detail		X	1705.2.1	☐		AISC 360 Table N5.6-1
v. Connecting elements, including the appropriate faying surface condition and hole preparation, if specified, meet applicable requirements.		X	1705.2.1	☐		AISC 360 Table N5.6-1
vi. Pre-installation verification testing by installation personnel observed and documented for fastener assemblies and methods used.		X	1705.2.1	☐		AISC 360 Table N5.6-1
vii. Proper storage provided for bolts, nuts, washers and other fastener components.		X	1705.2.1	☐		AISC 360 Table N5.6-1
e. Inspection Tasks During Bolting			1705.2.1			AISC 360 Table N5.6-2
i. Fastener assemblies, of suitable condition, placed in all holes and washers (if required) are positioned as required.		X	1705.2.1	☐		AISC 360 Table N5.6-2
ii. Joint brought to the snug-tight condition prior to the pretensioning operation.		X	1705.2.1	☐		AISC 360 Table N5.6-2
iii. Fastener component not turned by the wrench prevented from rotating.		X	1705.2.1	☐		AISC 360 Table N5.6-2
iv. Fasteners are pretensioned in accordance with the RCSC Specification, progressing systematically from the most rigid point toward the free edges.		X	1705.2.1	☐		AISC 360 Table N5.6-2
f. Inspection Tasks After Bolting			1705.2.1			AISC 360 Table N5.6-3
i. Document acceptance or rejection of bolted connections.		X	1705.2.1	☐		AISC 360 Table N5.6-3
g. Inspection of Steel Elements of Composite Construction Prior to Concrete Placement			1705.2.1			AISC 360 Table N6.1
i. Placement and installation of steel deck.		X	1705.2.1	☐		AISC 360 Table N6.1
ii. Placement and installation of steel headed stud anchors.		X	1705.2.1	☐		AISC 360 Table N6.1
iii. Document acceptance or rejection of steel elements		X	1705.2.1	☐		AISC 360 Table N6.1
2. Cold-Formed Steel Deck			1705.2.2	☐		
a. Inspection or Execution Tasks prior to Deck Placement			1705.2.2			SDI QA/QC Table 1.1
i. Verify compliance of materials (deck and all deck accessories) with construction documents, including profiles, material properties, and base metal thickness.		X	1705.2.2	☐		SDI QA/QC Table 1.1
ii. Document acceptance or rejection of deck and deck accessories.		X	1705.2.2	☐		SDI QA/QC Table 1.1
b. Inspection or Execution Tasks after Deck Placement						SDI QA/QC Table 1.2
i. Verify compliance of deck and all deck accessories installation with construction documents.		X	1705.2.2	☐		SDI QA/QC Table 1.2
ii. Verify deck materials are represented by the mill certifications that comply with the construction documents.		X	1705.2.2	☐		SDI QA/QC Table 1.2
iii. Document acceptance or rejection of installation of deck and deck accessories.		X	1705.2.2	☐		SDI QA/QC Table 1.2
c. Inspection or Execution Tasks Prior to Welding			1705.2.2			SDI QA/QC Table 1.3
i. Welding Procedure Specifications (WPS) available.		X	1705.2.2	☐		SDI QA/QC Table 1.3
ii. Manufacturer certifications for welding consumables available		X	1705.2.2	☐		SDI QA/QC Table 1.3
iii. Material identification (type/grade).		X	1705.2.2	☐		SDI QA/QC Table 1.3
iv. Check welding equipment.		X	1705.2.2	☐		SDI QA/QC Table 1.3
d. Inspection or Execution Tasks during Welding			1705.2.2			SDI QA/QC Table 1.4
i. Use of qualified welders.		X	1705.2.2	☐		SDI QA/QC Table 1.4
ii. Control and handling of welding consumables.		X	1705.2.2	☐		SDI QA/QC Table 1.4

INSPECTIONS AND TESTS (Continuous & Periodic is as defined by the BCNYS)	CONTINUOUS	PERIODIC	BCNYS REFERENCE	CHECK IF REQUIRED	SPECIFICATION REFERENCE AND CLARIFYING NOTES (by RDP)[1]	COMMENTARY/NOTES and REFERENCE STANDARDS (by DASNY)[2]
iii. Environmental conditions (wind speed, moisture, temperature).		X	1705.2.2	☐		SDI QA/QC Table 1.4
iv. Verify WPS followed.		X	1705.2.2	☐		SDI QA/QC Table 1.4
e. Inspection or Execution Tasks after Welding			1705.2.2			SDI QA/QC Table 1.5
i. Verify size and location of welds, including support, sidelap, and perimeter welds.	X		1705.2.2	☐		SDI QA/QC Table 1.5
ii. Welds meet visual acceptance criteria		X	1705.2.2	☐		SDI QA/QC Table 1.5
iii. Verify repair activities.	X		1705.2.2	☐		SDI QA/QC Table 1.5
iv. Document acceptance or rejection of welds.	X		1705.2.2	☐		SDI QA/QC Table 1.5
f. Inspection or Execution Tasks prior to Mechanical Fastening			1705.2.2			SDI QA/QC Table 1.6
1. Manufacturer installation instructions available for mechanical fasteners.		X	1705.2.2	☐		SDI QA/QC Table 1.6
ii. Proper tools available for fastener installation.		X	1705.2.2	☐		SDI QA/QC Table 1.6
iii. Proper storage for mechanical fasteners.		X	1705.2.2	☐		SDI QA/QC Table 1.6
g. Inspection or Execution Tasks during Mechanical Fastening			1705.2.2			SDI QA/QC Table 1.7
i. Fasteners are positioned as required		X	1705.2.2	☐		SDI QA/QC Table 1.7
ii. Fasteners are installed in accordance with manufacturer's instructions.		X	1705.2.2	☐		SDI QA/QC Table 1.7
h. Inspection or Execution Tasks after Mechanical Fastening			1705.2.2			SDI QA/QC Table 1.8
i. Check spacing, type, and installation of support fasteners.	X		1705.2.2	☐		SDI QA/QC Table 1.8
ii. Check spacing, type, and installation of sidelap fasteners.	X		1705.2.2	☐		SDI QA/QC Table 1.8
iii. Check spacing, type, and installation of perimeter fasteners.	X		1705.2.2	☐		SDI QA/QC Table 1.8
iv. Verify repair activities.	X		1705.2.2	☐		SDI QA/QC Table 1.8
v. Document acceptance or rejection of mechanical fasteners.	X		1705.2.2	☐		SDI QA/QC Table 1.8
3. Open-Web Steel Joists and Joist Girders			1705.2.3			
a. Installation of open-web steel joists and joist girders			Table 1705.2.3	☐		
i. End connections – welded or bolted.		X	Table 1705.2.3	☐		SJI Specifications listed in Section 2207.1.
ii. Bridging – Horizontal or diagonal.			Table 1705.2.3			
a. Standard bridging.		X	Table 1705.2.3	☐		SJI Specifications listed in Section 2207.1
b. Bridging that differs from the SJI specifications listed in Section 2207.1		X	Table 1705.2.3	☐		
4. Cold-Formed Steel Trusses spanning 60 feet or Greater		X	1705.2.4	☐		The Special Inspector shall verify that the temporary restraint/bracing and the permanent individual truss member restraint/bracing are installed in accordance with the approved truss submittal package.
C. Concrete Construction			1705.3			
1. Inspect reinforcement, including prestressing tendons, and verify placement.		X	Table 1705.3	☐		ACI 318 Ch. 20; 25.2; 25.3, 26.6.1-26.6.3 IBC 1908.4
2. Reinforcing Bar Welding:			Table 1705.3 1705.3.1			AWS D1.4, ACI 318: 26.6.4
a. Verify weldability of reinforcing bars other than ASTM A706.		X	Table 1705.3	☐		AWS D1.4 ACI 318: 26.6.4
b. Inspect single pass fillet welds, maximum 5/16", and		X	Table 1705.3	☐		AWS D1.4 ACI 318: 26.6.4
c. Inspect all other welds	X		Table 1705.3	☐		AWS D1.4 ACI 318: 26.6.4
3. Inspect anchors cast in concrete.		X	Table 1705.3	☐		ACI 318: 17.8.2
4. Inspect anchors post-installed in hardened concrete members.		X	Table 1705.3	☐		
a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads.	X		Table 1705.3	☐		ACI 318: 17.8.2.4
b. Mechanical anchors and adhesive anchors not defined in item 4a.		X	Table 1705.3	☐		ACI 318: 17.8.2
5. Verify use of required design mix		X	Table 1705.3	☐		ACI 318: Ch. 19; 26.4.3, 26.4.4 IBC 1904.1, 1904.2, 1908.2, 1908.3
6. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of concrete.	X		Table 1705.3	☐		ASTM C172, ASTM C31; ACI 318: 26.4, 26.12, IBC 1908.10
7. Inspect concrete and shotcrete placement for proper application techniques.	X		Table 1705.3	☐		ACI 318: 26.5; IBC 1908.6, 1908.7, 1908.8
8. Verify maintenance of specified curing temperature and techniques.		X	Table 1705.3	☐		ACI 318: 26.5.3-26.5.5 IBC: 1908.9
9. Inspect Prestressed concrete for:			Table 1705.3	☐		
a. Application of prestressing forces; and	X		Table 1705.3	☐		ACI 318: 26.10
b. Grouting of bonded prestressing tendons	X		Table 1705.3	☐		ACI 318: 26.10
10. Inspect erection of precast concrete members		X	Table 1705.3	☐		ACI 318: Ch. 26.8
11. Verify in-situ concrete strength, prior to stressing tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs.		X	Table 1705.3	☐		ACI 318: 26.11.2
12. Inspect formwork for shape, location and dimensions of the concrete member being formed.		X	Table 1705.3	☐		
D. Masonry Construction (Check LA, LB or LC below)			1705.4			TMS 402/ACI530/ASCE5 TMS 602/ACI530.1/ASCE6
☐ LA = Level A Quality Assurance						
☐ LB = Level B Quality Assurance						
☐ LC = Level C Quality Assurance						
Level A Quality Assurance: Minimum Verification						
A1. Prior to construction, verify certificates of		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.1

INSPECTIONS AND TESTS (Continuous & Periodic is as defined by the BCNYS)	CONTINUOUS	PERIODIC	BCNYS REFERENCE	CHECK IF REQUIRED	SPECIFICATION REFERENCE AND CLARIFYING NOTES (by RDP)[1]	COMMENTARY/NOTES and REFERENCE STANDARDS (by DASNY)[2]
compliance used in masonry construction.						
Level B Quality Assurance: Minimum Special Inspections						
B1. Verify Compliance with approved submittals.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B2. As masonry construction begins, verify that the following are in compliance:				☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B2a. Proportions of site-prepared mortar.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B2b. Construction of Mortar Joints.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B2c. Grade and size of prestressing tendons and anchorage.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B2d. Location of reinforcement, connectors, and prestressing tendons and anchorage.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B2e. Prestressing technique.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B2f. Properties of thin bed mortar for AAC masonry.	X	X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2 Continuous inspection required for the first 5000sf of AAC Masonry. Periodic inspection is required after the first 5000sf of AAC masonry.
B3. Prior to grouting, verify that the following are in compliance:		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B3a. Grout space.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B3b. Grade, type, and size of reinforcement and anchor bolts, and prestressing tendons and anchorage.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B3c. Placement of reinforcement, connectors, and prestressing tendons and anchorage.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B3d. Proportions of site-prepared grout for bonded tendons.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B3e. Construction of mortar joints.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B4. Verify during construction:		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B4a. Size and location of structural elements.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B4b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames, or other construction.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B4c. Welding of reinforcement.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B4d. Preparation, construction, and protection of masonry during cold weather (temperature below 40dF) or hot weather (temperature above 90dF)		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B4e. Application and measurement of prestressing force.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B4f. Placement of grout and prestressing grout for bonded tendons is in compliance.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B4g. Placement of AAC masonry units and construction of thin-bed mortar joints.	X	X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2 Continuous inspection required for the first 5000sf of AAC Masonry. Periodic inspection is required after the first 5000sf of AAC masonry.
B5: Observe preparation of grout specimens, mortar specimens, and/or prisms.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.2
Minimum Tests						
B6: Verification of Slump flow and Visual Stability Index (VSI) as delivered to the project site in accordance with Specification Article 1.5B1 b.3 for self-consolidating grout.				☐		TMS 402/ACI530/ASCE5 Table 3.1.2
B7. Verification of f'm and f'aac in accordance with Specification Article 1.4B1 prior to construction, except where specifically exempted by this Code.				☐		TMS 402/ACI530/ASCE5 Table 3.1.2
Level C Quality Assurance: Minimum Special Inspections						
C1. Verify compliance with the approved submittals.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2. Verify that the following are in compliance:				☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2a. Proportions of site mixed mortar, grout and prestressing grout for bonded tendons.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2b. Grade, type, and size of reinforcement and anchor bolts, and prestressing tendons and anchorages.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2c. Placement of masonry units and construction of mortar joints.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2d. Placement of reinforcement, connectors, and prestressing tendons and anchorages.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2e. Grout spacing prior to grouting.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2f. Placement of grout and prestressing grout for bonded tendons.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2g. Size and location of structural elements.		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2h. Type, size, and location of anchors including other details of anchorage of masonry to structural members, frames, or other construction.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2i. Welding of reinforcement.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2j. Preparation, construction, and protection of masonry during cold weather (temperature below 40dF) or hot weather (temperature above 90dF).		X		☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2k. Application and measurement of prestressing force.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2l. Placement of AAC masonry units and construction of thin-bed mortar joints.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C2m. Properties of thin-bed mortar for AAC masonry.	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.3
C3. Observe preparation of grout specimens, mortar	X			☐		TMS 402/ACI530/ASCE5 Table 3.1.3

INSPECTIONS AND TESTS (Continuous & Periodic is as defined by the BCNYS)	CONTINUOUS	PERIODIC	BCNYS REFERENCE	CHECK IF REQUIRED	SPECIFICATION REFERENCE AND CLARIFYING NOTES (by RDP)[1]	COMMENTARY/NOTES and REFERENCE STANDARDS (by DASNY)[2]
specimens, and/or prisms.						
Minimum Tests						
D1. Verification of f'm and f'AAC in accordance with Specification Article 1.4B prior to construction and for every 5,000sf during construction.				☐		TMS 402/ACI530/ASCE5 Table 3.1.3
D2. Verification of proportions of materials in premixed or preblended mortar, prestressing grout, and grout other than self-consolidating grout, as delivered to the project site.				☐		TMS 402/ACI530/ASCE5 Table 3.1.3
D3. Verification of Slump flow and Visual Stability Index (VSI) as delivered to the project site in accordance with Specification Article 1.5B.1.b.3 for self-consolidating grout.				☐		TMS 402/ACI530/ASCE5 Table 3.1.3
E. Wood Construction			1705.5			
1. High Load Diaphragms		X	1705.5.1	☒		
2. Metal Plate Connected Wood Trusses spanning 60 feet or Greater		X	1705.5.2	☒		
F. Soils			1705.6			
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.		X	Table 1705.6	☒		
2. Verify excavations are extended to a proper depth and have reached proper material.		X	Table 1705.6	☒		
3. Perform classification and testing of compacted fill materials.		X	Table 1705.6	☒		
4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	X		Table 1705.6	☒		
5. Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.		X	Table 1705.6	☒		
G. Driven Deep Foundations			1705.7			
1. Verify element materials, sizes and lengths, comply with the requirements.	X		Table 1705.7	☐		
2. Determine capacities of test elements and conduct additional load tests, as required.	X		Table 1705.7	☐		
3. Inspect driving operations and maintain complete and accurate records for each elements.	X		Table 1705.7	☐		
4. Verify placement locations and plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and document any damage to foundation element.	X		Table 1705.7	☐		
5. For steel elements, perform additional special inspections in accordance with Section 1705.2.	-	-	Table 1705.7	☐		
6. For concrete elements and concrete-filled elements, perform tests and additional special inspections in accordance with Section 1705.3.	-	-	Table 1705.7	☐		
7. For specialty elements, perform additional inspections as determined by the registered design professional in responsible charge.	-	-	Table 1705.7	☐		
H. Cast-in-place Deep Foundations			1705.8			
1. Inspect drilling operations and maintain complete and accurate records for each element.	X		Table 1705.8	☐		
2. Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end-bearing strata capacity. Record concrete or grout volumes.	X		Table 1705.8	☐		
3. For concrete elements, perform tests and additional special inspections in accordance with Section 1705.3.	-	-	Table 1705.8	☐		
I. Helical Pile Foundations	X		1705.9			
J. Fabricated Items			1705.10 1704.2.5			Where fabrication of structural, load-bearing, or lateral load resisting members or assemblies is being conducted on the premises of a fabricators shop.
1. Structural Steel		X		☐		
2. Steel Joists		X		☐		
3. Precast Concrete		X		☐		
4. Wood Construction		X		☒		
K. Special Inspections for Wind Resistance			1705.11			RDP to identify the main windforce-resisting systems and wind-resisting components that are subject to special inspection per BCNYS Section 1704.3.3.
1. Structural Wood	X	X	1705.11.1	☒		
2. Cold Formed steel light framed Construction		X	1705.11.2	☒		
3. Wind-resisting Components		X	1705.11.3	☒		
L. Special Inspections for Seismic Resistance			1705.12			RDP to identify the designated seismic systems and seismic force-resisting systems that are subject to special inspection per BCNYS Section 1704.3.2.
1. Structural Steel		X	1705.12.1	☐		AISC 341 Section J
2. Structural Wood	X	X	1705.12.2	☒		
3. Cold Formed steel light framed Construction		X	1705.12.3	☒		
4. Designated seismic systems	X	X	1705.12.4	☒		ASCE 7 Section 13.2.2
5. Architectural Components		X	1705.12.5	☒		
6. Plumbing, Mechanical, and Electrical Components		X	1705.12.6	☒		
7. Storage Racks		X	1705.12.7	☐		
8. Seismic Isolation Systems		X	1705.12.8	☒		
9. Cold Formedsteel special		X	1705.12.9	☐		

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bolted moment frames			1705.13			
M. Testing for Seismic Resistance						
1. Structural Steel		X	1705.13.1	☐		
2. Nonstructural Components		X	1705.13.2	☒		
3. Designated Seismic Systems		X	1705.13.3	☒		
4. Seismic Isolation Systems		X	1705.13.4	☒		
N. Sprayed Fire-Resistant Materials			1705.14			
1. Physical and visual tests		X	1705.14.1	☒		
2. Structural Member Surface Conditions		X	1705.14.2	☒		
3. Application		X	1705.14.3	☒		
4. Thickness		X	1705.14.4	☒		
5. Density		X	1705.14.5	☒		
6. Bond Strength		X	1705.14.6	☒		
O. Mastic and Intumescent Fire-Resistant Coatings		X	1705.15	☐		
P. Exterior Insulation and Finish Systems (EIFS)			1705.16			
1. Exterior Insulation and Finish Systems (EIFS)		X	1705.16	☐		
2. Water Resistive Barrier Coating		X	1705.16.1	☐		
Q. Fire-Resistant Penetration and Joints			1705.17			
1. Penetration Firestops		X	1705.17.1	☒		
2. Fire-resistant joint systems		X	1705.17.2	☒		
R. Testing for Smoke Control			1705.18			
1. Testing Scope		X	1705.18.1	☐		
2. Qualifications		X	1705.18.2	☐		
S. Additional Special Inspections/Tests						The registered design professional of record shall identify if additional tests and inspection defined by BC Section 1705.1.1 are required and provide specific requirements below.
1.	☐	☐		☐		
2.	☐	☐		☐		
3.	☐	☐		☐		
4.	☐	☐		☐		
5.	☐	☐		☐		
6.	☐	☐		☐		
7.	☐	☐		☐		

DESIGN DEVELOPMENT SET 04.01.2019

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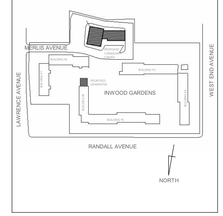
Project Key



REVISIONS

Rev No	Description	Date:
1	--	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

INSPECTIONS AND TESTS

Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

Drawing Number

T-003.00

Drawing ### *of* ###

	INSPECTION/TEST	REFERENCE STANDARD (SEE NYSECC CHAPTER 4) OR OTHER CRITERIA	NYSECC OR ASHRAE CITATION	MIN. PERIODIC INSPECTION FREQUENCY	INSPECTION DESCRIPTION
IIA	**ENVELOPE INSPECTIONS**				
IIA1	PROTECTION OF EXPOSED FOUNDATION INSULATION	APPROVED CONSTRUCTION DOCUMENTS	C303.2.1; ASHRAE 90.1 - 5.8.1.7	AS REQUIRED DURING FOUNDATION WORK AND PRIOR TO BACKFILL	INSULATION SHALL BE VISUALLY INSPECTED TO VERIFY PROPER PROTECTION WHERE APPLIED TO THE EXTERIOR OF BASEMENT OR CELLAR WALLS, CRAWL-SPACE WALLS AND/OR THE PERIMETER OF SLAB-ON-GRADE FLOORS.
IIA2	INSULATION PLACEMENT AND R-VALUES	APPROVED CONSTRUCTION DOCUMENTS	C303.1, C303.1.1, C303.1.2, C402.1, C402.2; ASHRAE 90.1 - 5.5, 5.6, 5.8.1, 11 OR APPENDIX G	AS REQUIRED TO VERIFY CONTINUOUS ENCLOSURE WHILE WALLS, CEILINGS AND FLOORS ARE OPEN	INSTALLED INSULATION FOR EACH COMPONENT OF THE CONDITIONED SPACE ENVELOPE AND AT JUNCTIONS BETWEEN COMPONENTS SHALL BE VISUALLY INSPECTED TO ENSURE THAT THE R-VALUES ARE MARKED, THAT SUCH R-VALUES CONFORM TO THE R-VALUES IDENTIFIED IN THE CONSTRUCTION DOCUMENTS AND THAT THE INSULATION IS PROPERLY INSTALLED. CERTIFICATIONS FOR UNMARKED INSULATION SHALL BE SIMILARLY VISUALLY INSPECTED.
IIA3	FENESTRATION U-FACTOR AND PRODUCT RATINGS	APPROVED CONSTRUCTION DOCUMENTS; NFRC 100, NFRC 200	C303.1, C303.1.3; C402.4; ASHRAE 90.1 - 5.5, 5.6, 5.8.2, 11 OR APPENDIX G	AS REQUIRED DURING INSTALLATION. AT A MINIMUM, PERFORM WHEN 20% OF DOORS/ WINDOWS/ CURTAIN WALLS ARE INSTALLED	U-FACTORS, SHGC AND VT VALUES OF INSTALLED FENESTRATION SHALL BE VISUALLY INSPECTED FOR CONFORMANCE WITH THE U-FACTORS, SHGC AND VT VALUES IDENTIFIED IN THE CONSTRUCTION DRAWINGS BY VERIFYING THE MANUFACTURER'S NFRC LABELS OR, WHERE NOT LABELED, USING THE RATINGS IN: ECC TABLES C303.1.3(1), (2) AND (3).
IIA4	FENESTRATION AIR LEAKAGE	NFRC 400, AAMA/WDMA/CSA 101/ I.S.2/A440; ASTM E283; ANSI/DASMA 105	C402.5.2 ASHRAE 90.1 - 5.4.3.2, 5.8.2.2	AS REQUIRED DURING INSTALLATION. AT A MINIMUM, PERFORM WHEN 20% OF DOORS/ WINDOWS/ CURTAIN WALLS ARE INSTALLED	WINDOWS AND SLIDING OR SWINGING DOOR ASSEMBLIES SHALL BE VISUALLY INSPECTED TO VERIFY THAT INSTALLED ASSEMBLIES ARE LABELED BY THE MANUFACTURER TO THE REFERENCED STANDARD. FOR CURTAIN WALL AND STOREFRONT GLAZING, THE TESTING REPORTS SHALL BE REVIEWED TO VERIFY THAT THE INSTALLED ASSEMBLY COMPLIES WITH THE STANDARD CITED IN THE APPROVED PLANS.
IIA5	FENESTRATION AREAS	APPROVED CONSTRUCTION DOCUMENTS	C402.4; ASHRAE 90.1 - 5.5.4.2, 5.6, 11 OR APPENDIX G	PRIOR TO FINAL INSPECTION	DIMENSIONS OF WINDOWS, DOORS AND SKYLIGHTS SHALL BE VERIFIED BY VISUAL INSPECTION.
IIA6	AIR SEALING AND INSULATION - VISUAL	APPROVED CONSTRUCTION DOCUMENTS ASTM E283 ASTM E779 ASTM E2178 ASTM E2357	C402.5; ASHRAE 90.1 - 5.4.3.1, 5.4.3.5	AS REQUIRED DURING CONSTRUCTION. AT A MINIMUM, PERFORM WHEN 20% OF DOORS/ WINDOWS/ CURTAIN WALLS ARE INSTALLED	OPENINGS AND PENETRATIONS IN THE BUILDING ENVELOPE, INCLUDING SITE-BUILT FENESTRATION AND DOORS, SHALL BE VISUALLY INSPECTED TO VERIFY THAT A CONTINUOUS AIR BARRIER AROUND THE ENVELOPE FORMS AN AIR-TIGHT ENCLOSURE. THE PROGRESS INSPECTOR SHALL VISUALLY INSPECT TO VERIFY THAT MATERIALS AND/OR ASSEMBLIES HAVE BEEN TESTED AND MEET THE REQUIREMENTS OF THE RESPECTIVE STANDARDS OR THAT THE BUILDING IS TESTED AND MEETS THE REQUIREMENTS OF THE STANDARD, OR MUST OBSERVE THE TESTING OF THE BUILDING AND/OR ASSEMBLIES AND VERIFY THAT THE BUILDING AND/OR ASSEMBLIES MEET THE REQUIREMENTS OF THE STANDARD, IN ACCORDANCE WITH THE STANDARD(S) CITED IN THE APPROVED PLANS.
IIA7	AIR SEALING AND INSULATION - TESTING	APPROVED CONSTRUCTION DOCUMENTS ASTM E779	C402.5.1.3; ASHRAE 90.1 - 5.4.3.5	AS REQUIRED DURING CONSTRUCTION, OR PRIOR TO FINAL CONSTRUCTION INSPECTION	TESTING MUST BE PERFORMED IN ACCORDANCE WITH SECTION ECC C402.5.1.3 OR ASHRAE 90.1 SECTION 5.4.3.5, AND SHALL BE ACCEPTED IF THE BUILDING AND/OR ITS AIR BARRIER ASSEMBLIES MEET THE REQUIREMENTS DETAILED IN SUCH SECTION. TESTING MUST BE PERFORMED BY A THIRT-PARTY INDEPENDENT OF THE CONTRACTOR AND ACCEPTABLE TO THE DEPARTMENT.
IIA9	VESTIBULES	APPROVED CONSTRUCTION DOCUMENTS	C402.5.7; ASHRAE 90.1 - 5.4.3.4	PRIOR TO FINAL CONSTRUCTION INSPECTION	REQUIRED ENTRANCE VESTIBULES SHALL BE VISUALLY INSPECTED FOR PROPER OPERATION.
IIB	**MECHANICAL AND SERVICE WATER HEATING INSPECTIONS**				
IIB2	SHUTOFF DAMPERS	APPROVED CONSTRUCTION DOCUMENTS; AMCA 500D	C403.2.4.3; ASHRAE 90.1 - 6.4.3.4	AS REQUIRED DURING INSTALLATION	STAIR AND ELEVATOR SHAFT VENTS AND DAMPERS FOR OTHER OUTDOOR AIR INTAKES AND EXHAUST OPENINGS INTEGRAL TO THE BUILDING ENVELOPE SHALL BE VISUALLY INSPECTED TO VERIFY THAT SUCH DAMPERS, EXCEPT WHERE PERMITTED TO BE GRAVITY DAMPERS, COMPLY WITH APPROVED CONSTRUCTION DRAWINGS. MANUFACTURER'S LITERATURE SHALL BE REVIEWED TO VERIFY THAT THE PRODUCT HAS BEEN TESTED AND FOUND TO MEET THE STANDARD.
IIB3	HVAC-R AND SERVICE WATER HEATING EQUIPMENT	APPROVED CONSTRUCTION DOCUMENTS, ASHRAE 183, ASHRAE HVAC SYSTEMS AND EQUIPMENT HANDBOOK	C403.2, C404.2, C404.5, C404.9, C406.2; ASHRAE 90.1 - 6.3, 6.4.1, 6.4.2, 6.4.5, 6.4.6, 6.5.11, 6.8, 7.4, 7.8	PRIOR TO FINAL PLUMBING AND CONSTRUCTION INSPECTION	EQUIPMENT SIZING, EFFICIENCIES, PIPE SIZING AND OTHER PERFORMANCE FACTORS OF ALL MAJOR EQUIPMENT UNITS, AS DETERMINED BY THE APPLICANT OF RECORD, AND NO LESS THAN 15% OF MINOR EQUIPMENT UNITS, SHALL BE VERIFIED BY VISUAL INSPECTION AND, WHERE NECESSARY, REVIEW OF MANUFACTURER'S DATA. POOL HEATERS AND COVERS SHALL BE VERIFIED BY VISUAL INSPECTION.
IIB4	HVAC-R AND SERVICE WATER HEATING SYSTEM CONTROLS CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY	APPROVED CONSTRUCTION DOCUMENTS, INCLUDING CONTROL SYSTEM NARRATIVES; ASHRAE GUIDELINE 1: THE HVAC COMMISSIONING PROCESS WHERE APPLICABLE	C403.2, C403.3, C403.4, C404.3, C403.5, C404.6, C404.7, C404.9; ASHRAE 90.1 - 6.3, 6.4, 6.5, 6.6, 7.4.4, 7.4.5	AFTER INSTALLATION AND PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION, EXCEPT THAT FOR CONTROLS WITH SEASONALLY DEPENDENT FUNCTIONALITY, SUCH TESTING SHALL BE PERFORMED BEFORE SIGN-OFF FOR ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY	NO LESS THAN 20% OF EACH TYPE OF REQUIRED CONTROLS SHALL BE VERIFIED BY VISUAL INSPECTION AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION. SUCH CONTROLS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THERMOSTATIC; OFF-HOUR; ZONES; VENTILATION SYSTEM AND FAN CONTROLS, ENERGY RECOVERY SYSTEMS, KITCHEN/LAB EXHAUST SYSTEMS, FAN SYSTEMS SERVING SINGLE AND MULTIPLE ZONES, AIR/WATER ECONOMIZERS AND CONTROLS, HYDRONIC SYSTEMS; HEAT REJECTION SYSTEMS; HOT GAS BYPASS LIMITATION; REFRIGERATION SYSTEMS, DOOR SWITCHES, SERVICE WATER HEATING SYSTEMS, POOL HEATER AND TIME SWITCHES. CONTROLS WHOSE COMPLETE OPERATION CANNOT BE DEMONSTRATED DUE TO PREVAILING WEATHER CONDITIONS TYPICAL OF THE SEASON DURING WHICH PROGRESS INSPECTIONS WILL BE PERFORMED SHALL BE PERMITTED TO BE SIGNED OFF FOR THE PURPOSE OF A TEMPORARY CERTIFICATE OF OCCUPANCY WITH ONLY A VISUAL INSPECTION, PROVIDED, HOWEVER, THAT THE PROGRESS INSPECTOR SHALL PERFORM A SUPPLEMENTAL INSPECTION WHERE THE CONTROLS ARE VISUALLY INSPECTED AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION DURING THE NEXT IMMEDIATE SEASON THEREAFTER.
IIB5	HVAC-R INSULATION AND SEALING	APPROVED CONSTRUCTION DOCUMENTS; SMACNA DUCT CONSTRUCTION STANDARDS, METAL AND FLEXIBLE	C403.2.9, C403.2.10, C404.4, MC 603.9; ASHRAE 90.1 - 6.3, 6.4.4; 6.8.2, 6.8.3; 7.4.3	AFTER INSTALLATION AND PRIOR TO CLOSING SHAFTS, CEILINGS AND WALLS	INSTALLED DUCT AND PIPING INSULATION SHALL BE VISUALLY INSPECTED TO VERIFY PROPER INSULATION PLACEMENT AND VALUES. JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS IN DUCTWORK SHALL BE VISUALLY INSPECTED FOR PROPER SEALING.
IIB6	DUCT LEAKAGE TESTING	APPROVED CONSTRUCTION DOCUMENTS; SMACNA HVAC AIR DUCT LEAKAGE TEST MANUAL	C403.2.9.1.3; ASHRAE 90.1 - 6.4.4.2.2	AFTER INSTALLATION AND SEALING AND PRIOR TO CLOSING SHAFTS, CEILINGS AND WALLS	FOR DUCT SYSTEMS DESIGNED TO OPERATE AT STATIC PRESSURES IN EXCESS OF 3 INCHES W.G. (747 PA), REPRESENTATIVE SECTIONS TOTALING AT LEAST 25% OF THE DUCT AREA, PER ECC 403.2.9.1.3 OR ASHRAE 90.1 6.4.4.2.2, SHALL BE TESTED TO VERIFY THAT ACTUAL AIR LEAKAGE IS BELOW ALLOWABLE AMOUNTS.
IIC	**ELECTRICAL POWER AND LIGHTING SYSTEMS**				
IIC3	INTERIOR LIGHTING POWER	APPROVED CONSTRUCTION DOCUMENTS	C405.4.2; C405.9.1, C406.3 ASHRAE 90.1 - 9.1, 9.2, 9.5, 9.6; 1RCNY §101-07(c)(3)(v)(C)4	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	INSTALLED LIGHTING SHALL BE VERIFIED FOR COMPLIANCE WITH THE LIGHTING POWER ALLOWANCE BY VISUAL INSPECTION OF FIXTURES, LAMPS, BALLASTS AND TRANSFORMERS.
IIC4	EXTERIOR LIGHTING POWER	APPROVED CONSTRUCTION DOCUMENTS	C405.6; ASHRAE 90.1 - 9.4.2; 1RCNY §101-07(c)(3)(v)(C)4	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	INSTALLED LIGHTING SHALL BE VERIFIED FOR COMPLIANCE WITH SOURCE EFFICACY AND/OR THE LIGHTING POWER ALLOWANCE BY VISUAL INSPECTION OF FIXTURES, LAMPS, BALLASTS AND RELEVANT TRANSFORMERS.
IIC5	LIGHTING CONTROLS	APPROVED CONSTRUCTION DOCUMENTS, INCLUDING CONTROL SYSTEM NARRATIVES	C402.4.2.1;C405.2 ASHRAE 90.1 - 9.4.1, 9.4.3	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	EACH TYPE OF REQUIRED LIGHTING CONTROLS, INCLUDING OCCUPANT SENSOES, MANUAL INTERIOR LIGHTING CONTROLS, LIGHT-REDUCTION CONTROLS, AUTOMATIC LIGHTING SHUT-OFF, DAYLIGHT ZONE CONTROLS AND EXTERIOR LIGHTING CONTROLS, SHALL BE VERIFIED BY VISUAL INSPECTION AND TESTED FOR FUNCTIONALITY AND PROPER OPERATION.
IIC6	ELECTRICAL MOTORS (INCLUDING BUT NOT LIMITED TO FAN MOTORS)	APPROVED CONSTRUCTION DOCUMENTS	C403.2.12, C405.8; ASHRAE 90.1 - 10.4	PRIOR TO FINAL ELECTRICAL AND CONSTRUCTION INSPECTION	WHERE REQUIRED BY THE CONSTRUCTION DOCUMENTS FOR ENERGY CODE COMPLIANCE, MOTOR LISTING OR LABELS SHALL BE VISUALLY INSPECTED TO VERIFY THAT THEY COMPLY WITH THE RESPECTIVE ENERGY REQUIREMENTS IN THE CONSTRUCTION DOCUMENTS.
IID	**OTHER**				
IID1	MAINTENANCE INFORMATION COMMISSIONING OF MECHANICAL SYSTEMS	APPROVED CONSTRUCTION DOCUMENTS, INCLUDING ELECTRICAL DRAWINGS WHERE APPLICABLE; ASHRAE GUIDELINE 4: PREPARATION OF OPERATING AND MAINTENANCE DOCUMENTA-TION FOR BUILDING SYSTEMS	C303.3, C408.2.5.2; ASHRAE 90.1 - 4.2.2.3, 6.7.2.2, 8.7.2, 9.7.2.2	PRIOR TO SIGN-OFF OR ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY	MAINTENANCE MANUALS FOR MECHANICAL, SERVICE HOT WATER AND ELECTRICAL POWER EQUIPMENT AND SYSTEMS REQUIRING PREVENTIVE MAINTENANCE SHALL BE REVIEWED FOR APPLICABILITY TO INSTALLED EQUIPMENT AND SYSTEMS BEFORE SUCH MANUALS ARE PROVIDED TO THE OWNER. LABELS REQUIRED FOR SUCH EQUIPMENT OR SYSTEMS SHALL BE INSPECTED FOR ACCURACY AND COMPLETENESS.

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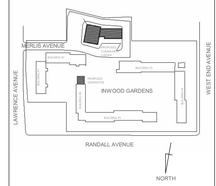
Project Key



REVISIONS

Rev No	Description	Date:
1	--	##/##/20##

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Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

ENERGY CODE COMPLIANCE INSPECTIONS

Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

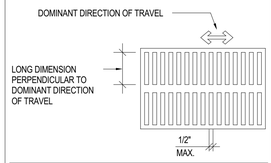
Seal & Signature

DASNY Project No: 3425609999

Drawing Number

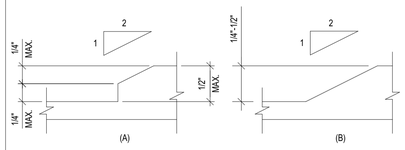
T-004.00

Drawing ### of ###

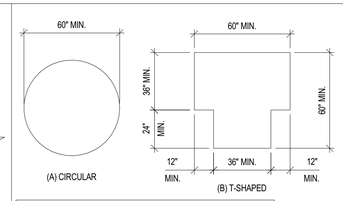


ELONGATED OPENINGS IN FLOOR OR GROUND SURFACES	
2010 ADAAG FIG.	302.3
2009 ICC A117.1 FIG.	302.3

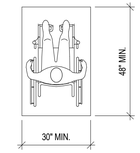
VERTICAL CHANGES IN LEVEL	
2010 ADAAG FIG.	303.2
2009 ICC A117.1 FIG.	303.2



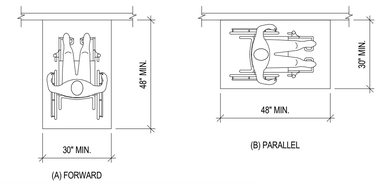
BEVELED CHANGES IN LEVEL	
2010 ADAAG FIG.	303.3
2009 ICC A117.1 FIG.	303.2(A) & 303.2(B)



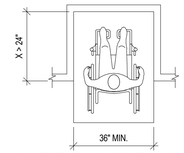
SIZE OF TURNING SPACE	
2010 ADAAG FIG.	304.3.2
2009 ICC A117.1 FIG.	304.3(A) & 304.3(B)



CLEAR FLOOR OR GROUND SPACE	
2010 ADAAG FIG.	305.3
2009 ICC A117.1 FIG.	305.3

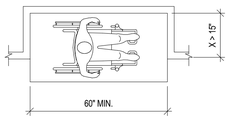


POSITION OF CLEAR FLOOR OR GROUND SPACE	
2010 ADAAG FIG.	305.5
2009 ICC A117.1 FIG.	305.5



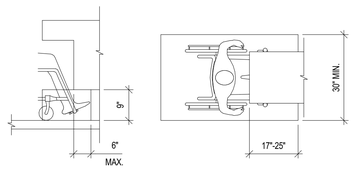
NOTE: WHEN THE DEPTH OF AN ALCOVE EXCEEDS 24" FOR A FORWARD APPROACH, THE WIDTH OF MANEUVERING CLEARANCE INCREASES TO 36" MIN. IN WIDTH.

MANEUVERING CLEARANCE IN ALCOVE, FORWARD APPROACH	
2010 ADAAG FIG.	305.7.1
2009 ICC A117.1 FIG.	305.7(A)

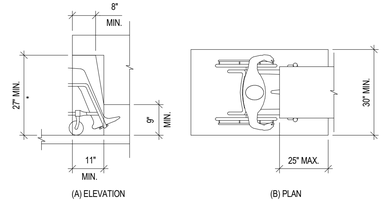


NOTE: WHEN THE DEPTH OF AN ALCOVE EXCEEDS 15" FOR A SIDE APPROACH, THE WIDTH OF MANEUVERING CLEARANCE INCREASES TO 60" MIN. IN WIDTH.

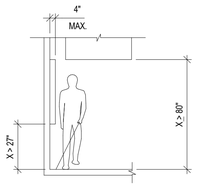
MANEUVERING CLEARANCE IN ALCOVE, PARALLEL APPROACH	
2010 ADAAG FIG.	305.7.2
2009 ICC A117.1 FIG.	305.7(B)



TOE CLEARANCE	
2010 ADAAG FIG.	306.2
2009 ICC A117.1 FIG.	306.2

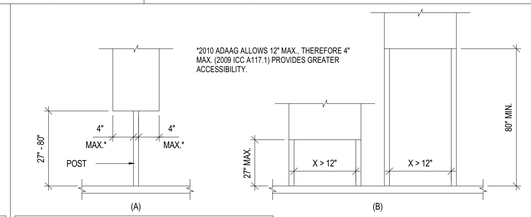


KNEE CLEARANCE	
2010 ADAAG FIG.	306.3
2009 ICC A117.1 FIG.	306.3



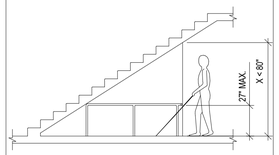
LIMITS OF PROTRUDING OBJECTS	
2010 ADAAG FIG.	307.2
2009 ICC A117.1 FIG.	307.2

*2010 ADAAG ALLOWS 12" MAX., THEREFORE 4" MAX. (2009 ICC A117.1) PROVIDES GREATER ACCESSIBILITY.



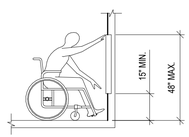
POST MOUNTED PROTRUDING OBJECTS	
2010 ADAAG FIG.	307.3
2009 ICC A117.1 FIG.	307.3

NOTE: WHERE AN OBSTRUCTION IS MOUNTED BETWEEN POSTS, AND THE CLEAR DISTANCE BETWEEN POSTS IS GREATER THAN 12", THE LOWEST EDGE OF SUCH OBSTRUCTION SHALL BE 27" MAX. OR 80" MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE.

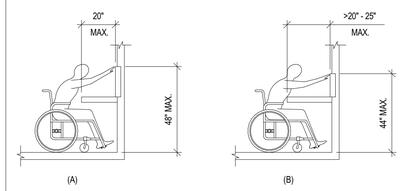


NOTE: GUARDRAILS OR BARRIERS SHALL BE PROVIDED WHEN VERTICAL CLEARANCE IS LESS THAN 80" HIGH. THE LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE LOCATED 27" MAXIMUM ABOVE THE FINISHED FLOOR.

VERTICAL CLEARANCE	
2010 ADAAG FIG.	307.4
2009 ICC A117.1 FIG.	307.4

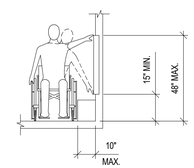


UNOBSTRUCTED FORWARD REACH	
2010 ADAAG FIG.	308.2.1
2009 ICC A117.1 FIG.	308.2.1



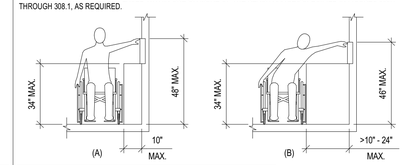
OBSTRUCTED HIGH FORWARD REACH	
2010 ADAAG FIG.	308.2.2
2009 ICC A117.1 FIG.	308.2.2

NOTE: WHERE REACH DEPTH EXCEEDS 20", THE MAX. HIGH FORWARD REACH SHALL BE 44" IN HEIGHT, AND THE REACH DEPTH SHALL BE 25" MAXIMUM.

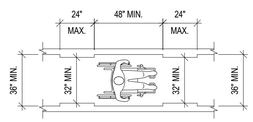


OBSTRUCTED SIDE REACH	
2010 ADAAG FIG.	308.3.1
2009 ICC A117.1 FIG.	308.3.1

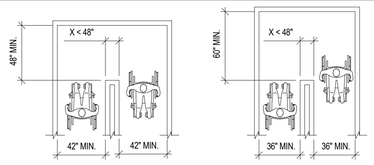
NOTES:
- WHERE REACH DEPTH EXCEEDS 10", THE HIGH SIDE REACH SHALL BE 46" MAXIMUM, FOR A REACH DEPTH OF 24" MAXIMUM.
- OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED IN FIGURES 308.1 THROUGH 308.1, AS REQUIRED.



OBSTRUCTED HIGH SIDE REACH	
2010 ADAAG FIG.	308.3.2
2009 ICC A117.1 FIG.	308.3.2



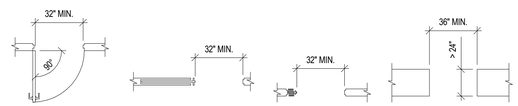
CLEAR WIDTH OF AN ACCESSIBLE ROUTE	
2010 ADAAG FIG.	403.5.1
2009 ICC A117.1 FIG.	403.5



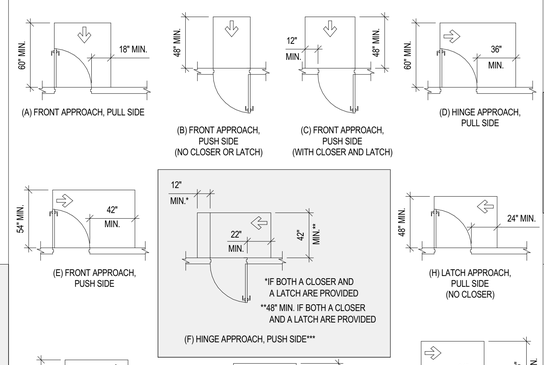
NOTE: WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48" WIDE, CLEAR WIDTH SHALL BE 42" MIN. APPROACHING THE TURN, 48" MIN. AT THE TURN AND 42" LEAVING THE TURN. WHERE THE CLEAR WIDTH AT THE TURN IS 60" MIN., A 36" MIN. CLEAR WIDTH IS REQUIRED.

CLEAR WIDTH AT TURN	
2010 ADAAG FIG.	403.5.2
2009 ICC A117.1 FIG.	403.5.1

NOTE:
- THE WIDTH OF THE MINIMUM CLEAR DIMENSION SHOWN IN FIGURE A IS MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP WHEN THE DOOR IS OPEN AT A 90 deg. ANGLE.
- OPENINGS MORE THAN 24" IN DEPTH AT DOORS AND DOORWAYS WITHOUT DOORS SHALL PROVIDE A CLEAR OPENING WIDTH OF 36".

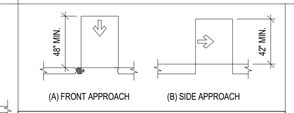


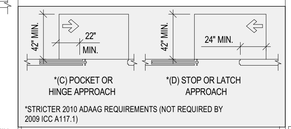
CLEAR WIDTH OF DOORWAYS	
2010 ADAAG FIG.	404.2.3
2009 ICC A117.1 FIG.	404.2.2



MANEUVERING CLEARANCE (MANUAL SWING DOORS & GATES)	
2010 ADAAG FIG.	404.2.4.1
2009 ICC A117.1 FIG.	404.2.3.2 & 404.2.3.3

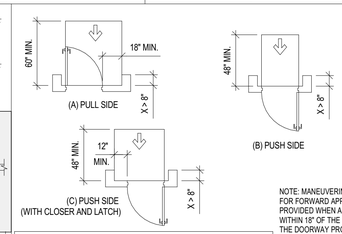
*** 2009 ICC A117.1 REQUIRES ADDITIONAL 12" MANEUVERING CLEARANCE BEYOND LATCH SIDE (NOT REQUIRED BY 2010 ADAAG) AND THEREFORE PROVIDES GREATER ACCESSIBILITY.





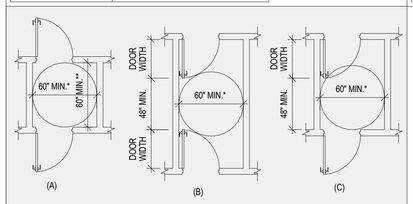
*STRICTER 2010 ADAAG REQUIREMENTS (NOT REQUIRED BY 2009 ICC A117.1)

MANEUVERING CLEARANCE AT DOORWAYS WITHOUT DOORS	
2010 ADAAG FIG.	404.2.4.2
2009 ICC A117.1 FIG.	404.2.3.4



MANEUVERING CLEARANCES AT RECESSED DOORS AND GATES	
2010 ADAAG FIG.	404.2.4.3
2009 ICC A117.1 FIG.	404.2.3.5

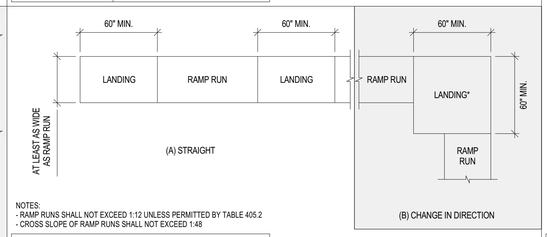
NOTE: MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18" OF THE LATCH SIDE OF THE DOORWAY PROJECTS MORE THAN 8" BEYOND THE FACE OF THE DOOR, MEASURED PERPINDICULAR TO THE FACE OF THE DOOR OR GATE.



* 2009 ICC A117.1 REQUIRES ADDITIONAL 60" CLEAR WIDTH WHERE 2010 ADAAG DOES NOT REQUIRE MIN. WIDTH.

** 2010 ADAAG REQUIRES 48" MINIMUM

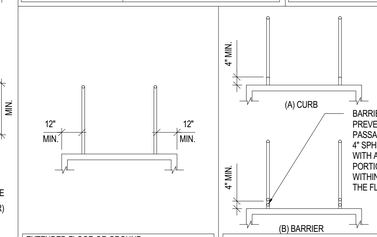
DOOR AND GATES IN SERIES*	
2010 ADAAG FIG.	404.2.6
2009 ICC A117.1 FIG.	404.2.5



NOTES:
- RAMP RUNS SHALL NOT EXCEED 1:12 UNLESS PERMITTED BY TABLE 405.2
- CROSS SLOPE OF RAMP RUNS SHALL NOT EXCEED 1:48

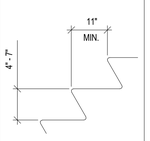
RAMP LANDINGS	
2010 ADAAG FIG.	405.7
2009 ICC A117.1 FIG.	405.7

*** 2010 ADAAG REQUIRED A 60" X 60" LANDING AT CHANGE IN DIRECTION WHERE 2009 ICC A117.1 REQUIRES EITHER A T-TYPE OR TURNING CIRCLE COMPLYING WITH SECTION 304.3, THUS 2010 ADAAG REQUIREMENTS PROVIDE GREATER ACCESSIBILITY.

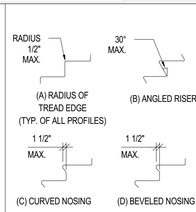


EXTENDED FLOOR OR GROUND SURFACE EDGE PROTECTION	
2010 ADAAG FIG.	405.9.1
2009 ICC A117.1 FIG.	405.9.1

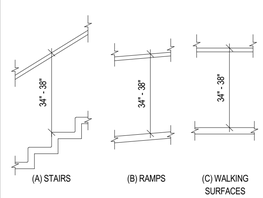
RAMP EDGE PROTECTION	
2010 ADAAG FIG.	405.9.2
2009 ICC A117.1 FIG.	405.9.2



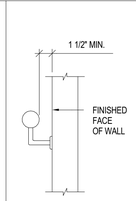
TREADS AND RISERS AT ACCESSIBLE STAIRWAYS	
2010 ADAAG SECTION	504.2
2009 ICC A117.1 FIG.	504.2



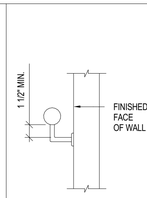
STAIR NOSINGS	
2010 ADAAG FIG.	504.5
2009 ICC A117.1 FIG.	504.5



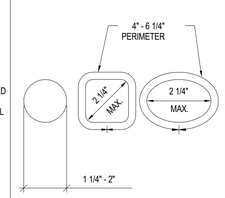
HANDRAIL HEIGHT	
2010 ADAAG FIG.	505.4
2009 ICC A117.1 FIG.	505.4



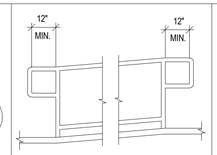
HANDRAIL CLEARANCE	
2010 ADAAG FIG.	505.5
2009 ICC A117.1 FIG.	505.5



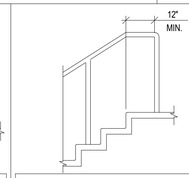
HORIZONTAL PROJECTIONS BELOW THE GRIPPING SURFACE	
2010 ADAAG FIG.	505.6
2009 ICC A117.1 SEC.	505.6



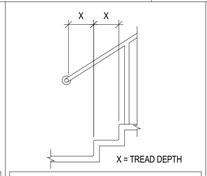
HANDRAILS	
2010 ADAAG SEC./FIG.	SEC. 505.7.1
2009 ICC A117.1 SEC.	FIG. 505.7.2
	505.7



TOP AND BOTTOM HANDRAIL EXTENSIONS AT RAMP	
2010 ADAAG FIG.	505.10
2009 ICC A117.1 FIG.	505.10.1



TOP HANDRAIL EXTENSIONS AT STAIRS	
2010 ADAAG FIG.	505.10.2
2009 ICC A117.1 FIG.	505.10.2



BOTTOM HANDRAIL EXTENSIONS AT STAIRS	
2010 ADAAG FIG.	505.10.3
2009 ICC A117.1 FIG.	505.10.3

NOTES:
- THE DETAILS ON SHEETS xxx AND xxx COMBINE THE REQUIREMENTS OF ICC A117.1 - 2009 AND THE 2010 ADAAG STANDARDS.
- THE TEXT OF ICC A117.1 - 2009 AND THE 2004 ADAAG PREVAILS OVER DRAWN FIGURES.
- WHERE THERE IS A DIFFERENCE IN THE ICC A117.1 - 2009 AND THE 2004 ADAAG - THE DETAILS ON SHEETS xxx AND xxx ARE SHOWN THUS

DESIGN DEVELOPMENT SET 04.01.2019

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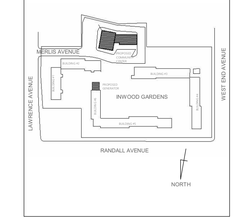
Project Key



REVISIONS

Rev.No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
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NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

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CITY INWOOD, NY 11516

Drawing Title

ADA DETAILS & NOTES

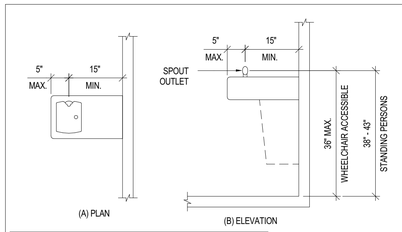
Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

Seal & Signature

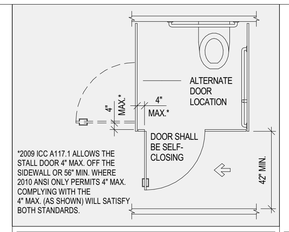
DASNY Project No: 3425609999

Drawing Number T-005.00

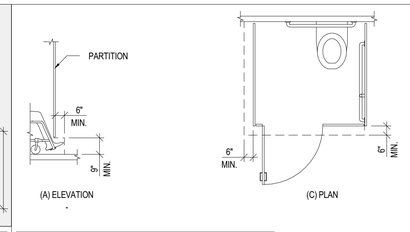
Drawing ### of ###



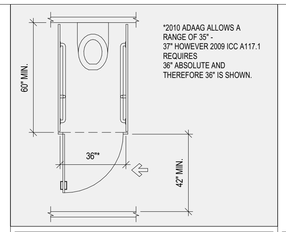
-	DRINKING FOUNTAIN SPOUT LOCATION
2010 ADAAG FIG.	602.5
2009 ICC A117.1 FIG.	602.5



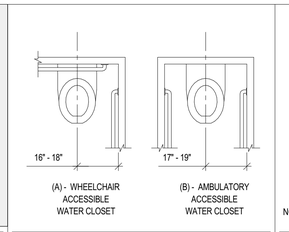
	WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT DOORS	
2010 ADAAG FIG.	604.8.1.2	
2009 ICC A117.1 FIG.	604.9.3.1 (A) & (B)	



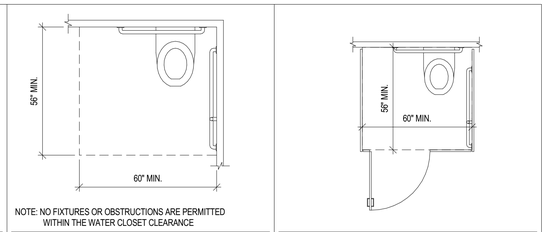
	WHEELCHAIR ACCESSIBLE COMPARTMENT TOE CLEARANCE	
2010 ADAAG FIG.	604.8.1.4	
2009 ICC A117.1 FIG.	604.9.5	



	AMBULATORY ACCESSIBLE TOILET COMPARTMENT	
2010 ADAAG FIG.	604.8.2	
2009 ICC A117.1 FIG.	604.10	



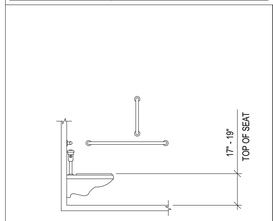
-	WATER CLOSET LOCATION	
2010 ADAAG FIG.	604.2	
2009 ICC A117.1 FIG.	604.2	



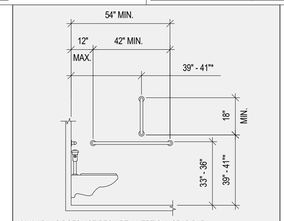
NOTE: NO FIXTURES OR OBSTRUCTIONS ARE PERMITTED WITHIN THE WATER CLOSET CLEARANCE

-	SIZE OF CLEARANCE AT WATER CLOSETS	
2010 ADAAG FIG.	604.3.1	
2009 ICC A117.1 FIG.	604.3	

-	WALL HUNG WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT	
2010 ADAAG FIG.	604.8.1.1(A)	
2009 ICC A117.1 FIG.	604.9.2	

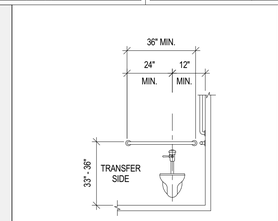


-	TOILET SEAT HEIGHT	
2010 ADAAG SECTION	604.4	
2009 ICC A117.1 FIG.	604.4	

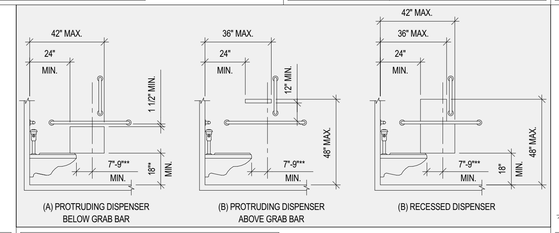


*2010 ADAAG DOES NOT REQUIRE A VERTICAL GRAB BAR.

-	SIDE WALL GRAB BARS	
2010 ADAAG FIG.	604.5.1	
2009 ICC A117.1 FIG.	604.5.1	



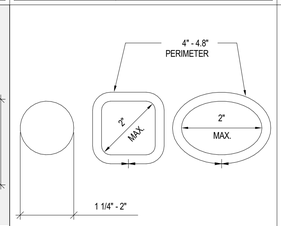
-	REAR WALL GRAB BARS AT WATER CLOSETS	
2010 ADAAG FIG.	604.5.2	
2009 ICC A117.1 FIG.	604.5.2	



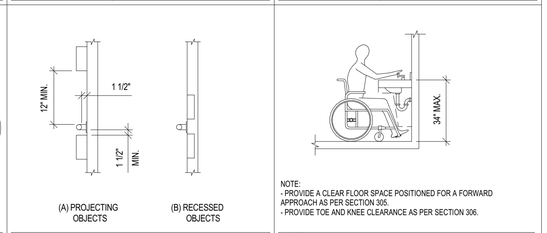
-	DISPENSER OUTLET LOCATION	
2010 ADAAG FIG.	604.7	
2009 ICC A117.1 FIG.	604.7	

*2010 ADAAG ALLOWS A LOWER MINIMUM HEIGHT OF 15" MIN. HOWEVER 18" MIN. REQUIREMENT OF 2009 ICC A117.1 WILL PROVIDE COMPLIANCE WITH BOTH STANDARDS.

**THIS IS ONLY A REQUIREMENT FOUND IN 2010 ADAAG.



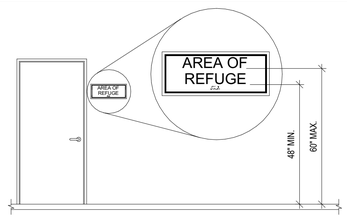
	SIZE OF GRAB BARS	
2010 ADAAG SEC./FIG.	609.2.1 & 609.2.2	
2009 ICC A117.1 FIG.	609.2	



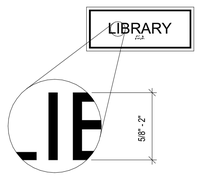
	SPACING OF GRAB BARS	
2010 ADAAG FIG.	609.3	
2009 ICC A117.1 FIG.	609.3	

NOTE:
- PROVIDE A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH AS PER SECTION 305.
- PROVIDE TOE AND KNEE CLEARANCE AS PER SECTION 306.

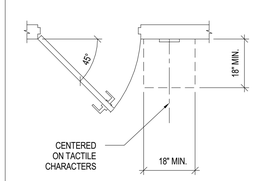
-	USE HEIGHT OF LAVATORIES AND SINKS	
2010 ADAAG SECTION	606.2	
2009 ICC A117.1 FIG.	606.3	



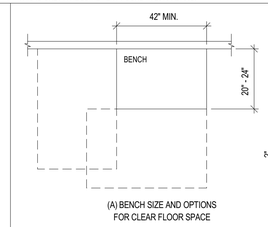
	HEIGHT OF TACTILE CHARACTERS ABOVE FLOOR / GROUND	
2010 ADAAG FIG.	703.4.1	
2009 ICC A117.1 FIG.	703.3.10	



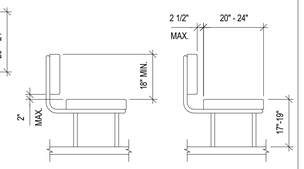
	HEIGHT OF RAISED CHARACTERS	
2010 ADAAG FIG.	703.2.5	
2009 ICC A117.1 FIG.	703.3.5	



	LOCATION OF TACTILE SIGNS AT DOORS	
2010 ADAAG FIG.	703.4.2	
2009 ICC A117.1 FIG.	703.3.11	



(A) BENCH SIZE AND OPTIONS FOR CLEAR FLOOR SPACE

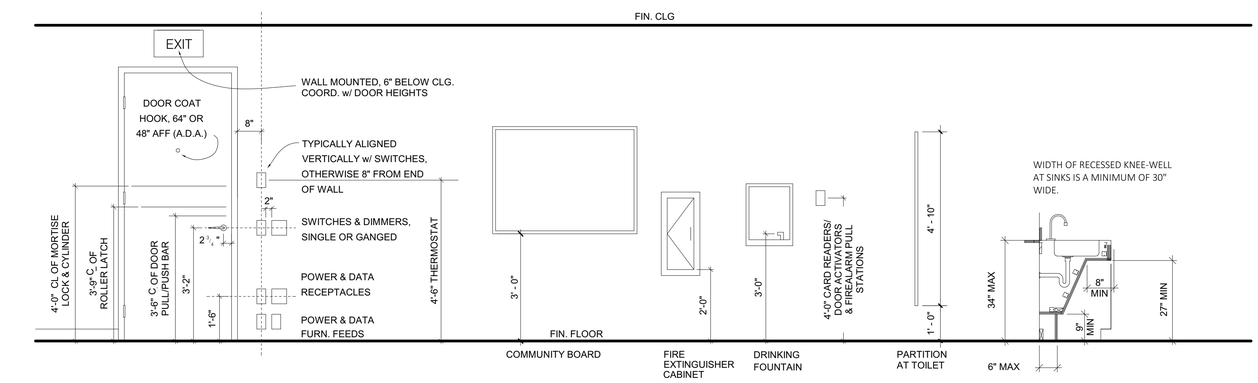


(B) BENCH BACK SUPPORT AND SEAT HEIGHT

	BENCHES	
2010 ADAAG FIG.	903.4	
2009 ICC A117.1 FIG.	903.4	

NOTES:
- THE DETAILS ON SHEETS xxx AND xxx COMBINE THE REQUIREMENTS OF ICC A117.1 - 2009 AND THE 2010 ADAAG STANDARDS.
- THE TEXT OF ICC A117.1 - 2009 AND THE 2010 ADAAG PREVAILS OVER DRAWN FIGURES.
- WHERE THERE IS A DIFFERENCE IN THE ICC A117.1 - 2009 AND THE 2010 ADAAG - THE DETAILS ON SHEETS xxx AND xxx ARE SHOWN THUS

SIGNAGE



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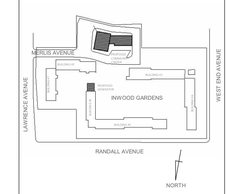


REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

ADA DETAILS & HEIGHTS

Drawn By:	Checked By:	Date:
KW/CR	KW	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

Drawing Number T-006.00

Drawing ### of ###

ABBREVIATIONS

<	ANGLE
@	AT
AB	ANCHOR BOLT
ABV	ABOVE
A/C	AIR CONDITIONING
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
AP	ACCESS PANEL
APC	ARCH. PRECAST CONCRETE
APPR	APPROXIMATE
ARCH	ARCHITECT(URAL)
ASB	ASBESTOS
ATTEN	ATTENUATION
AUTO	AUTOMATIC
AVG	AVERAGE
AWP	ACOUSTICAL WALL PANEL
BC	BOTTOM OF CURB
BBD	BULLETIN BOARD
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BENCH MARK
BOT	BOTTOM OF CURB
BRG	BEARING
BRK	BRICK
BSMT	BASEMENT
BTWN	BETWEEN
C	CARPET
CAB	CABINET
CBD	CHALKBOARD
CCTV	CLOSED CIRCUIT TELEVISION
CFM	CUBIC FEET PER MINUTE
CG	CORNER GUARD
CI	CAST IRON
CIP	CAST-IN-PLACE CONCRETE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR
CM	CENTIMETER
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCT(ION)
CONT	CONTINUOUS
CONTR	CONTRACT(OR)
CORR	CORRIDOR
CR	CLASSROOM
CRS	COURSE
CPT	CARPET TILES
CTSK	COUNTERSINK
CT	CERAMIC TILE
CUH	CABINET UNIT HEATER
CU YD	CUBIC YARD
CW	COLD WATER
DBL	DOUBLE
DEMO	DEMOLISH, DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DG	DOOR GRILLE
DI	DROP INLET
DIAG	DIAGONAL
	DIAMETER
DIM	DIMENSION
DIV	DIVISION
DMT	DEMOUNTABLE
DN	DOWN
DP	DAMPPROOFING
DR	DOOR
DS	DOWN SPOUT
DT	DRAIN TILE
DTL	DETAIL
DW	DRYWALL
DWG	DRAWING
DWR	DRAWER

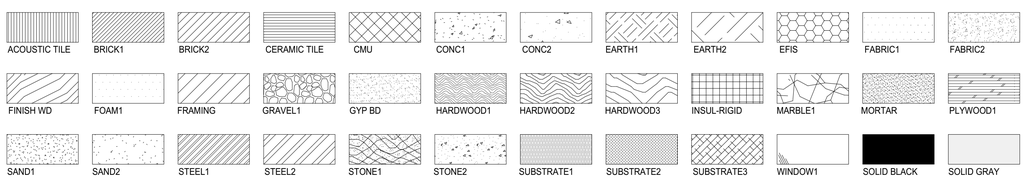
E	EAST
EA	EACH
EF	EXHAUST FAN
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
EPBD	ELECTRICAL PANELBOARD
EPS	EXPANDED POLYSTYRENE
EPX	EPOXY
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXP C	EXPOSED CONSTRUCTION
EXT	EXTERIOR
FB	FACE BRICK
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FFE	FINISHED FLOOR ELEVATION
FGL	FIBERGLASS
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHVC	FIRE HOSE VALVE CABINET
FIN	FINISH(ED)
FIX	FIXTURE
FLSHG	FLASHING
FLR	FLOOR
FLUR	FLUORESCENT
FND	FOUNDATION
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FR	FIRE RATED
FRMG	FRAMING
FRP	FIBERGLASS REINF PLASTIC
FRT	FIBER RETARDANT TREATED
FT	FOOT, FEET
FTG	FOOTING
FURN	FURNITURE
FURR	FURRING
FVC	FIRE VALVE CABINET
G	GAS
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GCMU	GLAZED CONC. MASONRY UNIT
GEN	GENERAL
GFCI	GROUND FAULT CIRC. INTERUP.
GFRC	GLASS FIBER REIN. CONC.
GL	GLASS
GPM	GALLONS PER MINUTE
GR	GRADE
GS	GALVANIZED STEEL
GSU	GLAZED STRUCTURAL UNIT
GWT	GLAZED WALL TILE
GYP	GYPSUM
HB	HOSE BIBB
HBD	HARDBOARD
HBC	HORIZONTAL BRICK COURSE(S)
HC	HORIZONTAL COURSE(S) (CMU)
HDR	HEADER
HDNR	HARDENER
HDWD	HARDWOOD
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HORSEPOWER
HR	HOUR
HS	HIGH STRENGTH
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HVAC	HEATING, VENTILATING AIR CONDITIONING
HW	HOT WATER

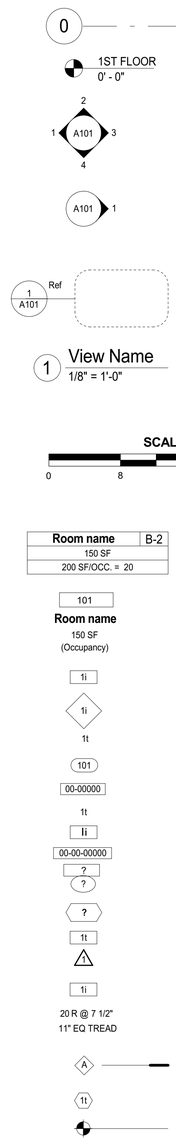
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDE
INFO	INFORMATION
INST	INSTALL(ATION)
INSUL	INSULATE(ION)
INT	INTERIOR
INV	INVERT
JAN	JANITOR
JB	JUNCTION BOX
JCT	JUNCTION
JST	JOIST
JT	JOINT
KIT	KITCHEN
K-O	KNOCK-OUT
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LBS	POUNDS
LF	LINEAR FEET (FOOT)
LH	LEFT HAND
LKR	LOCKER
LT	LIGHT
LVR	LOUVER
LW	LIGHTWEIGHT
M	METER(S)
MACH	MACHINE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIUM
MB	MARKERBOARD
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MLDG	MOLDING
MO	MASONRY OPENING
MR	MAP RAIL
MT	MOUNT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MUL	MULLION
MWP	MEMBRANE WATERPROOFING
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
PRKG	PARKING
PC	PRECAST
PERF	PERFORATE(D)
PERM	PERIMETER
PIP	POURED IN PLACE
PL	PROPERTY LINE
	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLUMB	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT
POLY	POLYETHYLENE
PR	PAIR
PREFAB	PREFABRICATE(D)
PREFIN	PREFINISHED
PREP	PREPARE
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PORCELAIN TILE
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT

QT	QUARRY TILE
QTY	QUANTITY
R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RUBBER BASE
RD	ROOF DRAIN
RECP	RECEPTACLE
REF	REFERENCE
REFG	REFRIGERATOR
REINF	REINFORCE(D)(ING)
REQD	REQUIRED
REQMT	REQUIREMENT
RES	RESILIENT
RET	RETURN
RF	RADIO FREQUENCY
RFG	ROOFING
RH	RIGHT HAND
RL	RAIN LEADER
RM	ROOM
RO	ROUGH OPENING
RT	RUBBER TILE
RTU	ROOFTOP UNIT
R/W	RIGHT OF WAY
S	SOUTH
SAN	SANITARY
SAB	SOUND ATTENUATION BLANKET
SC	SOLID CORE
SCH	SCHEDULE
SCWD	SOLID CORE WOOD DOOR
SD	STORM DRAIN
SHLVG	SHELVING
SHT	SHEET
SHTH	SHEATHING
SOF	SPRAY FIREPROOFING
SPEC	SPECIFICATION
SPR	SPRINKLER
SQ	SQUARE
SS	STAINLESS STEEL
ST	STREET
ST	STONE
STA	STATION
STC	SOUND TRANSMISSION COEF.
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUBFLR	SUBFLOOR
SUSP	SUSPENSION
SYM	SYMMETRY(RICAL)
T	TREAD
TB	TACKBOARD
TBD	TO BE DETERMINE
T&B	TOP & BOTTOM
TOC	TOP OF CURB
TEL	TELEPHONE
T&G	TONGUE & GROOVE
THHD	THRESHOLD
THK	THICK(NESS)
THRU	THROUGH
TOS	TOP OF STEEL
TOW	TOP OF WALL
TPT	TEXTURES PAINT
TRT	TREAT(ED)
TOS	TOP OF SLAB
TV	TELEVISION
TYP	TYPICAL
UC	UNDERCUT
UG	UNDERGROUND
UH	UNIT HEATER
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
V	VINYL
VAC	VACUUM
VB	VINYL BASE
VBC	HORIZONTAL BRICK COURSE(S)
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VR	VAPOR RETARDER
VT	VINYL TILE
VWB	VINYL WALL BASE
VWC	VINYL WALL COVERING

W	WEST
W/	WITH
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD BASE
WDW	WINDOW
WGL	WIRE GLASS
WH	WATER HEATER
W/O	WITHOUT
WP	WATERPROOFING
WPT	WORKING POINT
WR	WATER RESISTANT
WSCT	WAINSCOT
WT	WEIGHT

FILLED REGION PATTERNS





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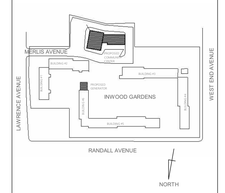

REVISIONS

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1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

ABBREVIATION, SYMBOLS & LEGENDS

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DASNY Project No: 3425609999

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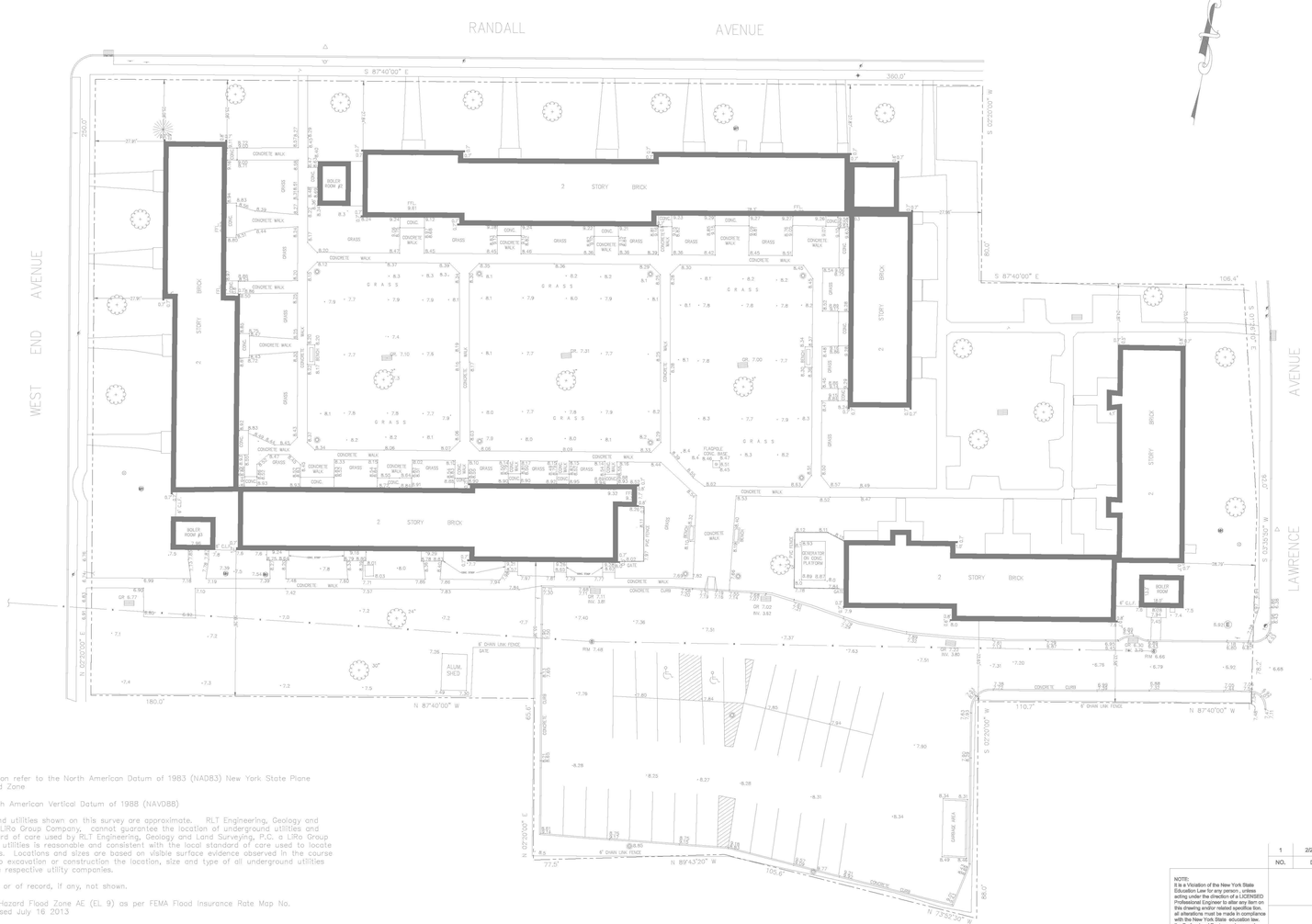

NOTES:

1. Coordinates shown hereon refer to the North American Datum of 1983 (NAD83) New York State Plane Coordinates, Long Island Zone
2. Elevations refer to North American Vertical Datum of 1988 (NAVD88)
3. Locations of underground utilities shown on this survey are approximate. RLT Engineering, Geology and Land Surveying, P.C. a LiRo Group Company, cannot guarantee the location of underground utilities and structures. The standard of care used by RLT Engineering, Geology and Land Surveying, P.C. a LiRo Group Company to locate the utilities is reasonable and consistent with the local standard of care used to locate the underground utilities. Locations and sizes are based on visible surface evidence observed in the course of this survey. Prior to excavation or construction the location, size and type of all underground utilities must be verified by the respective utility companies.
4. Easements in existence or of record, if any, not shown.
5. Subject property is in Hazard Flood Zone AE (EL 9) as per FEMA Flood Insurance Rate Map No. 36059C0301G, last revised July 16 2013

NO.	DATE	REVISION	BY
1	2/22/2019	PARKING LOT TOPO	TM

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EXISTING CONDITIONS
INWOOD GARDENS

TOWN OF HEMPSTEAD
INWOOD GARDENS
EXISTING CONDITIONS

LiRo Engineers, Inc.
A LiRo Group Company
Mineola, N.Y. 516-746-2350(T)

SCALE:
PLAN: 1"=20'
PROFILE:
HORIZ: N/A
VERT: N/A

DATE: JANUARY 2018

DRAWING NUMBER X-001

DESIGNED BY:	DRAFTED BY:	CHECKED BY:	PROJECT NO:	SHEET NUMBER
XX	ED/HIK	JE	17-143-0113	1 OF 1

SURVEY PLAN: EXISTING CONDITIONS (FOR REFERENCE)
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DESIGN DEVELOPMENT SET 04.01.2019

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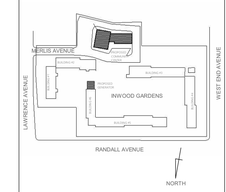

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CITY INWOOD, NY 11516

Drawing Title

SURVEY - EXISTING CONDITIONS

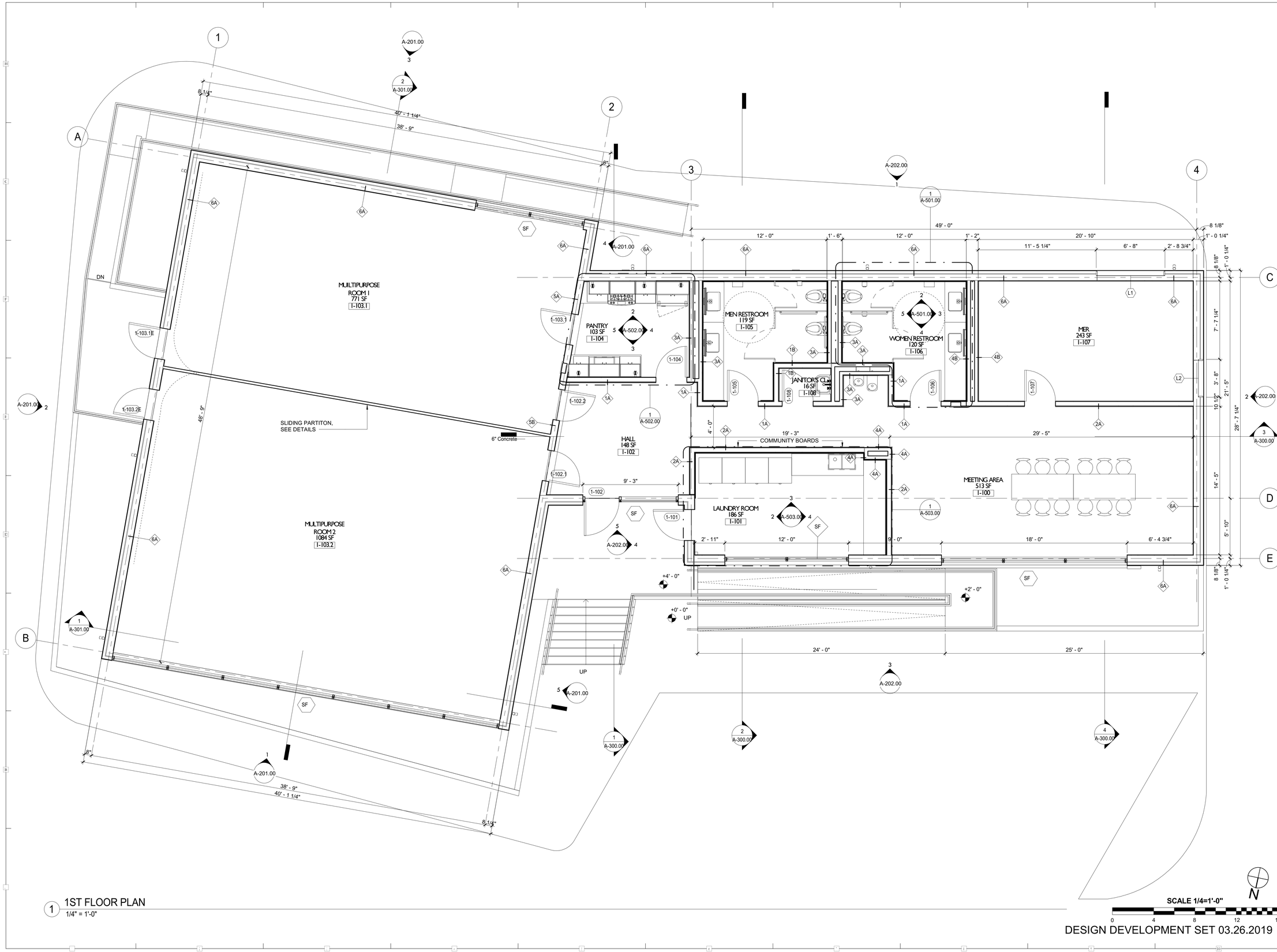
Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

Drawing Number T-009.00

Drawing ### of ###



1 1ST FLOOR PLAN
1/4" = 1'-0"

DESIGN DEVELOPMENT SET 03.26.2019

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THE LIRO GROUP
1 STATE STREET PLAZA
28TH FLOOR
NEW YORK, NY, 10004
212.563.0280

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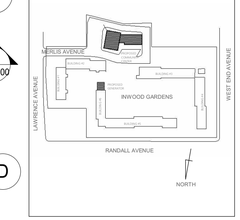
Project Key



REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

FIRST FLOOR PLAN

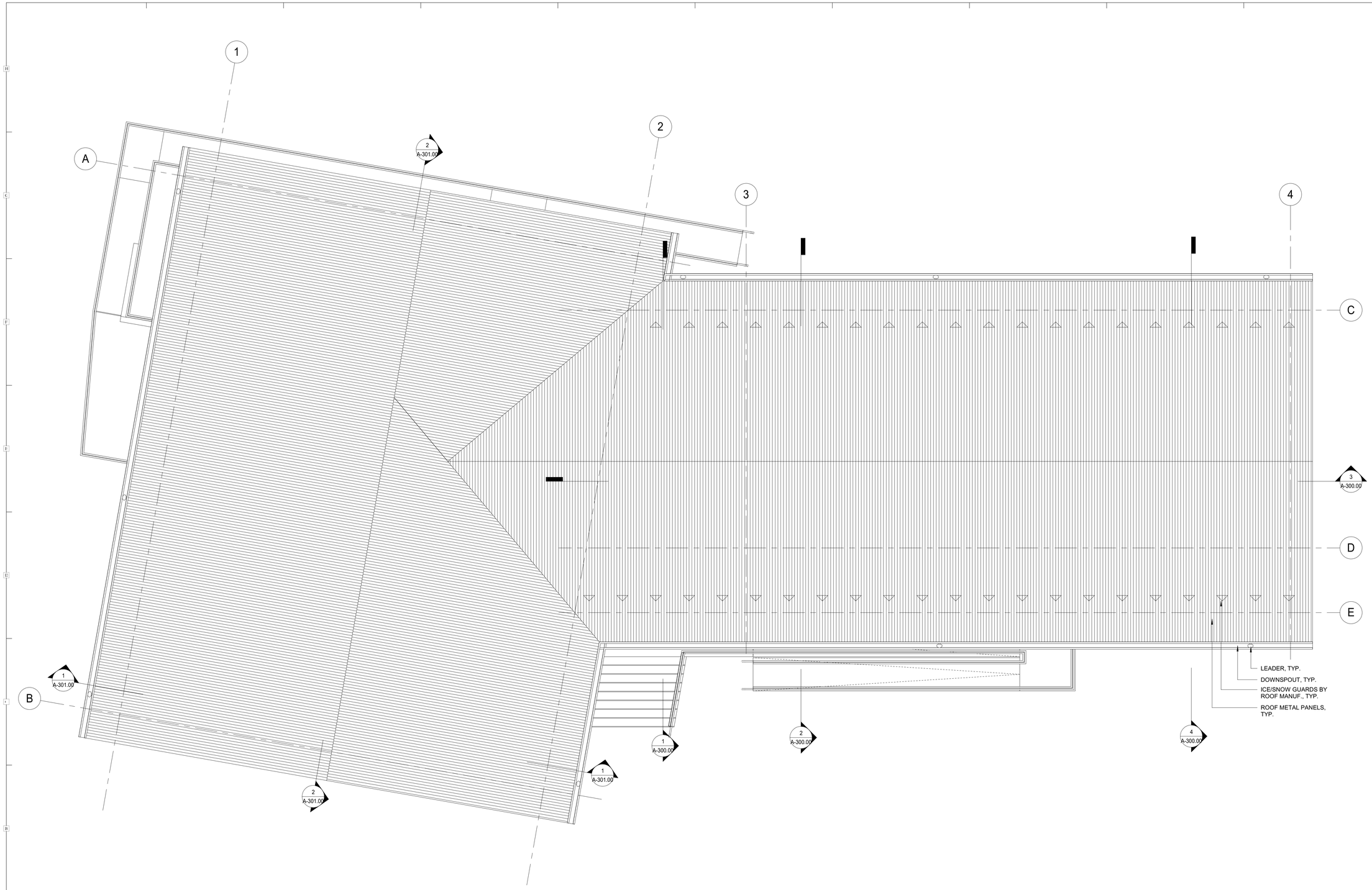
Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

Drawing Number A-101.00

Drawing ### of ###



1 ROOF PLAN
1/4" = 1'-0"

N

SCALE 1/4=1'-0"
0 4 8 12 16

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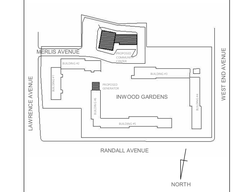
Project Key



REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

ROOF PLAN

Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

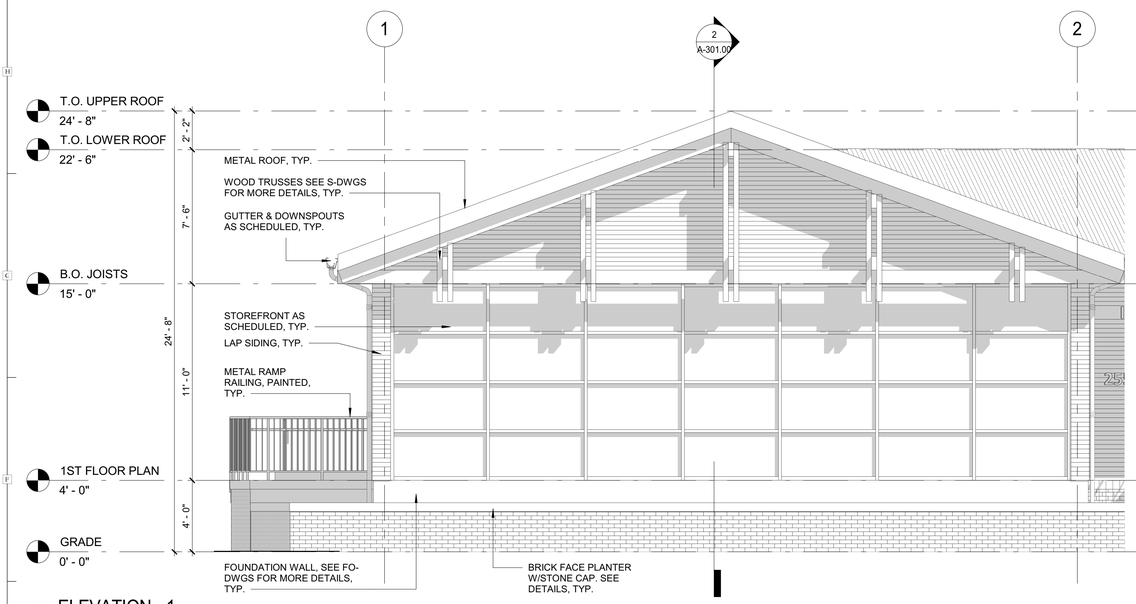
Seal & Signature

DASNY Project No: 3425609999

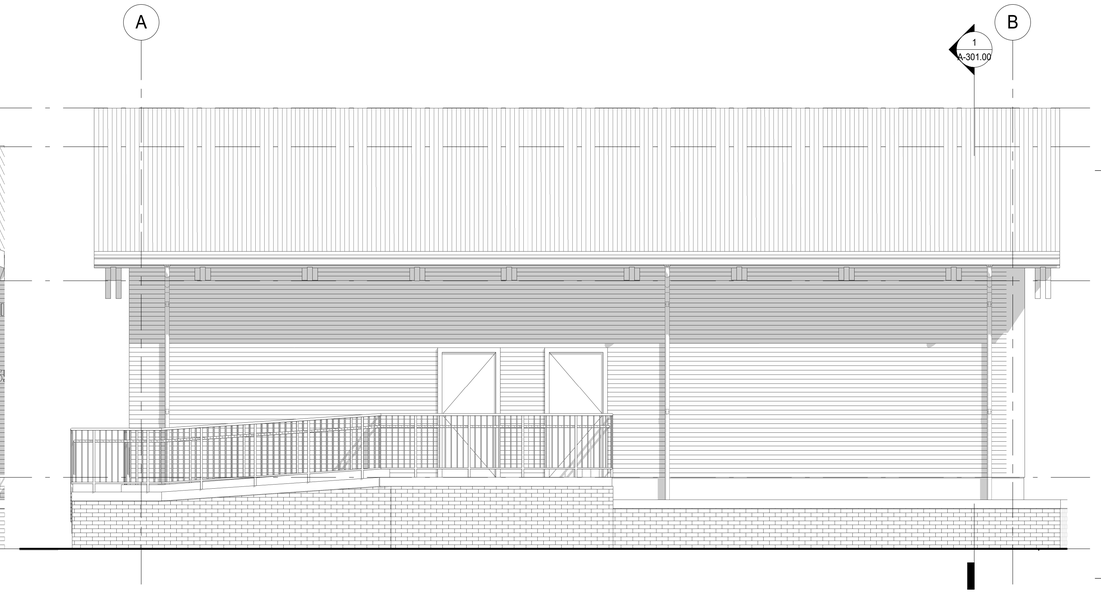
Drawing Number

A-102.00

Drawing ### of ###

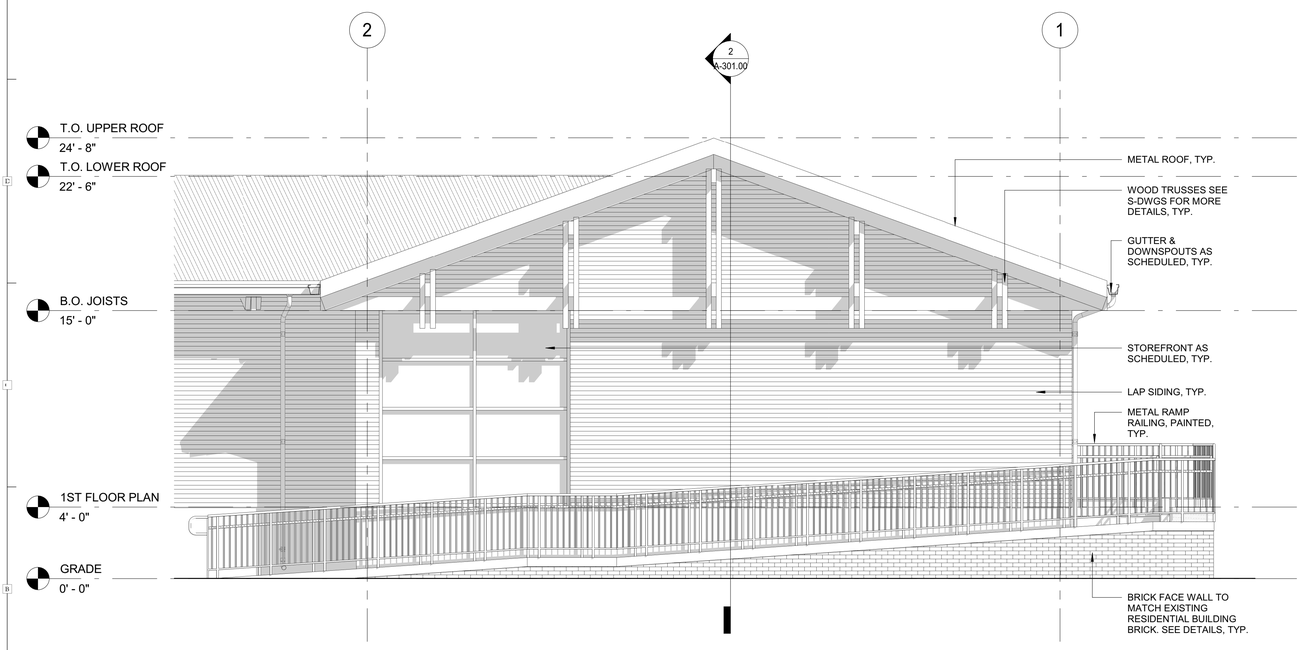


1 ELEVATION - 1
1/4" = 1'-0"

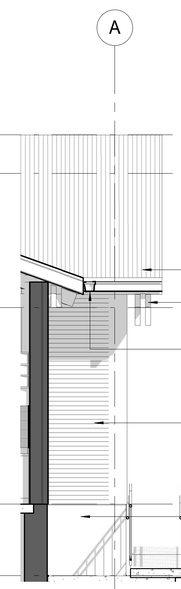


2 ELEVATION - 2
1/4" = 1'-0"

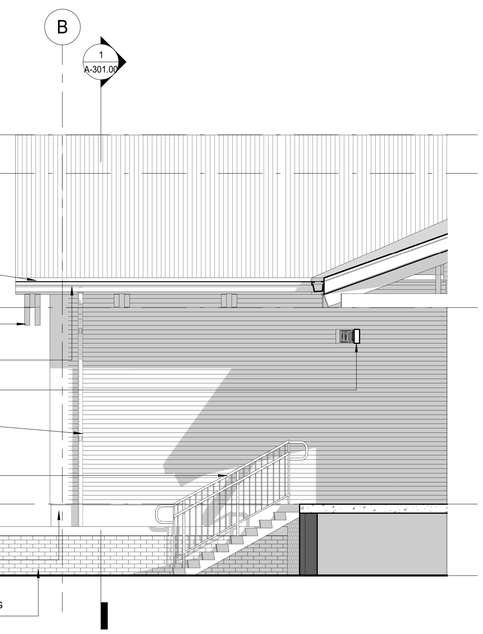
EXTERIOR WALL MATERIALS, SEE OTHER ELEVATION, TYP.



3 ELEVATION - 3
1/4" = 1'-0"



4 ELEVATION - 4
1/4" = 1'-0"



5 ELEVATION - 5
1/4" = 1'-0"

SCALE 1/4=1'-0"
0 4 8 12 16

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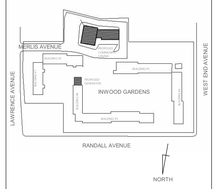
Project Key



REVISIONS

Rev.No.	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

BUILDING ELEVATIONS - 1

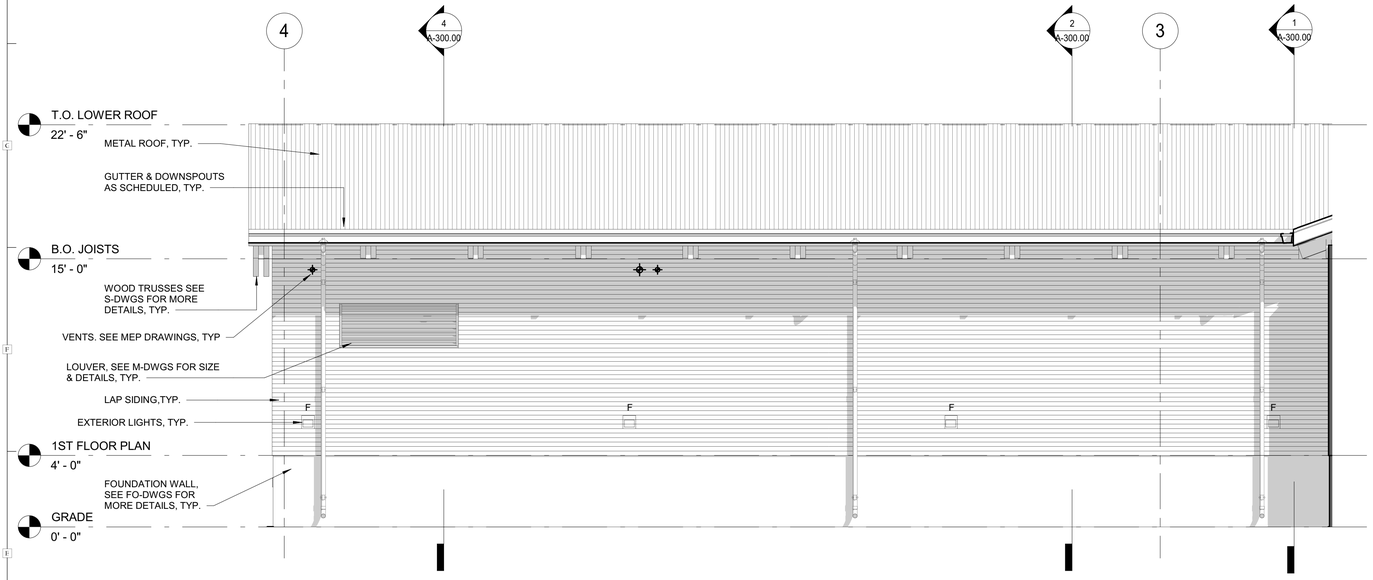
Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

Seal & Signature

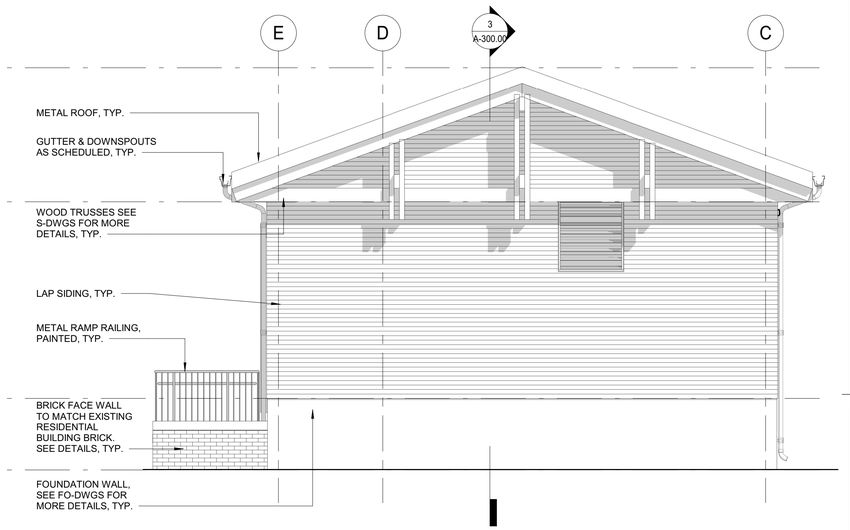
DASNY Project No: 3425609999

Drawing Number A-201.00

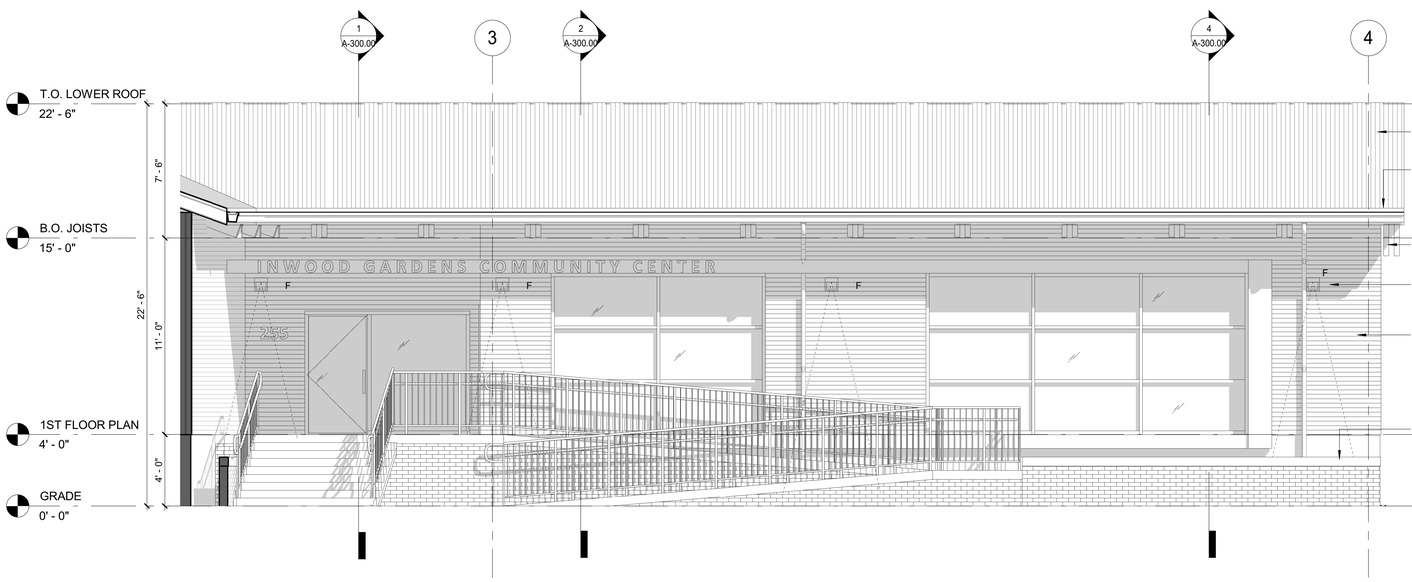
Drawing ### of ###



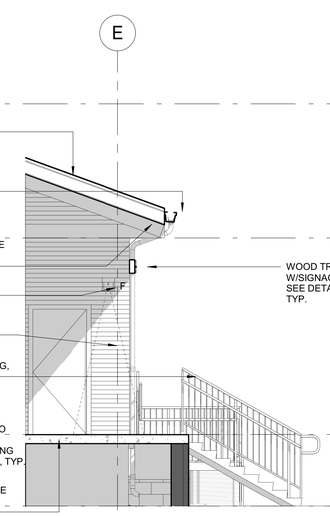
1 ELEVATION - 6
1/4" = 1'-0"



2 ELEVATION - 7
1/4" = 1'-0"



3 ELEVATION - 8
1/4" = 1'-0"



4 ELEVATION - 9
1/4" = 1'-0"

5 ELEVATION - 10
1/4" = 1'-0"

SCALE 1/4=1'-0"
0 4 8 12 16

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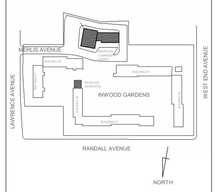


REVISIONS

Rev.No.	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

BUILDING ELEVATIONS - 2

Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

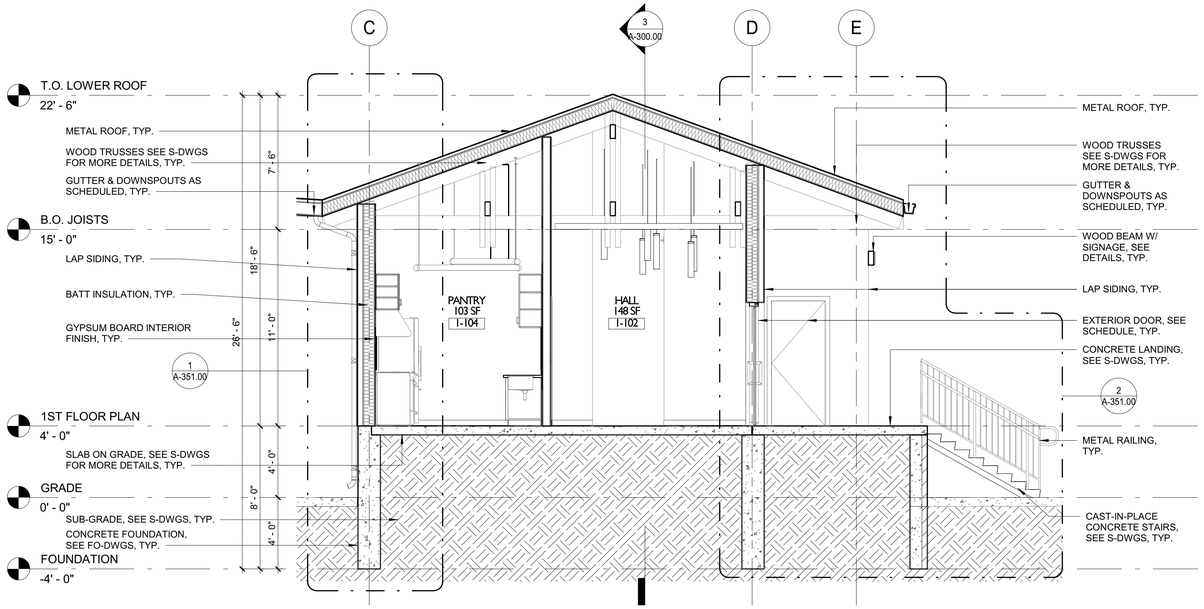
Seal & Signature

DASNY Project No: 3425609999

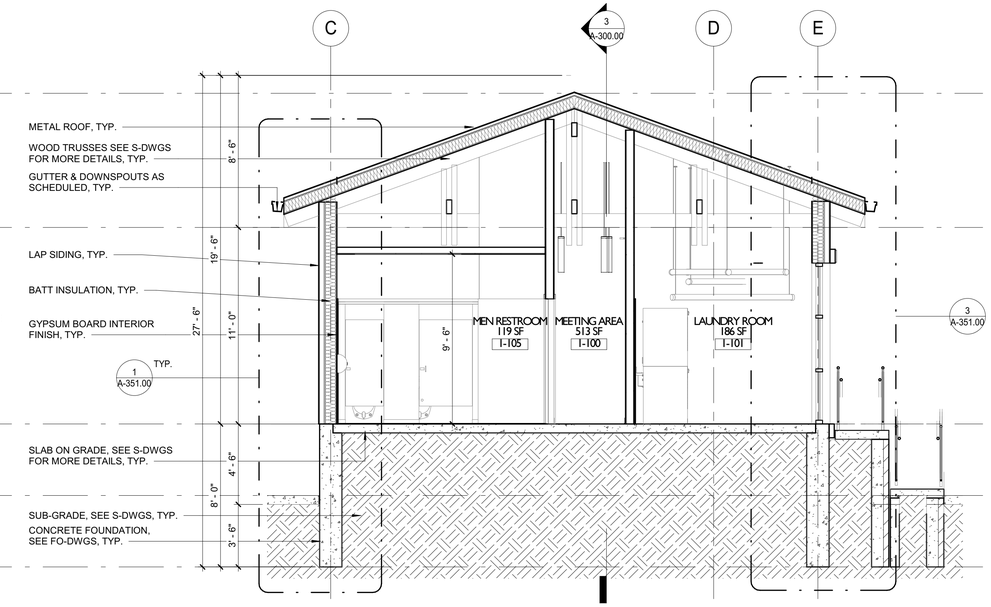
Drawing Number

A-202.00

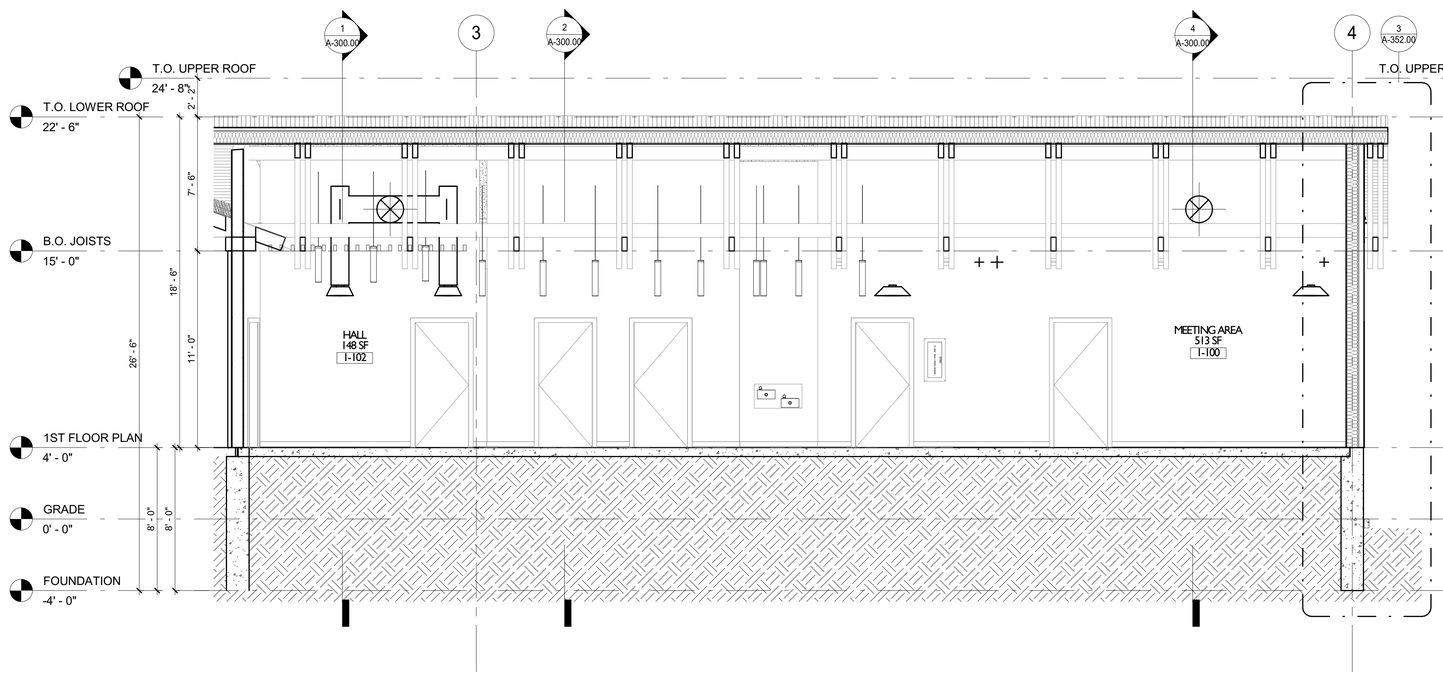
Drawing ### of ###



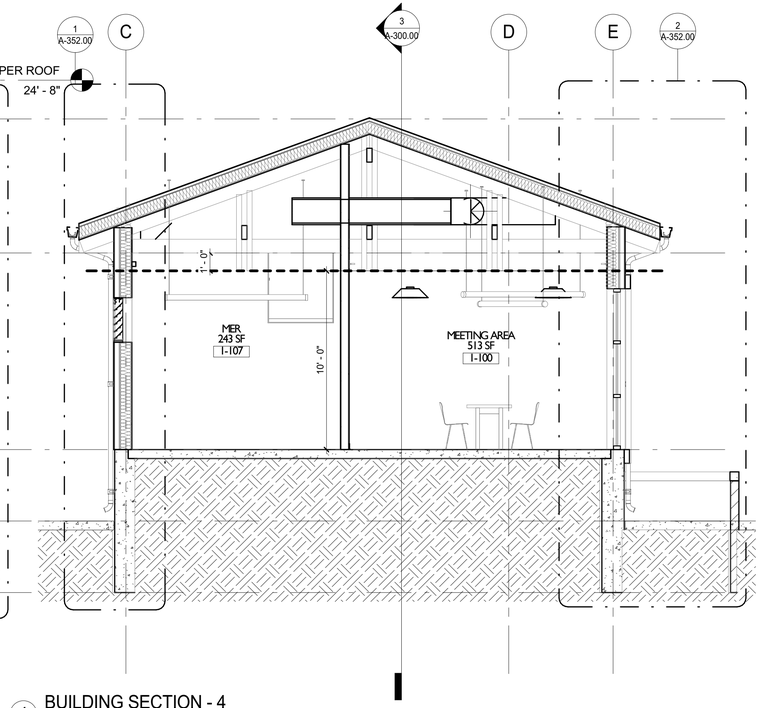
1 BUILDING SECTION - 1
1/4" = 1'-0"



2 BUILDING SECTION - 2
1/4" = 1'-0"



3 BUILDING SECTION - 3
1/4" = 1'-0"



4 BUILDING SECTION - 4
1/4" = 1'-0"

SCALE 1/4=1'-0"
0 4 8 12 16

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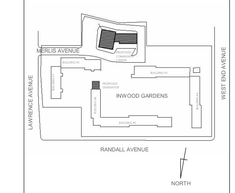


REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client
GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title
INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title
BUILDING SECTIONS - 1

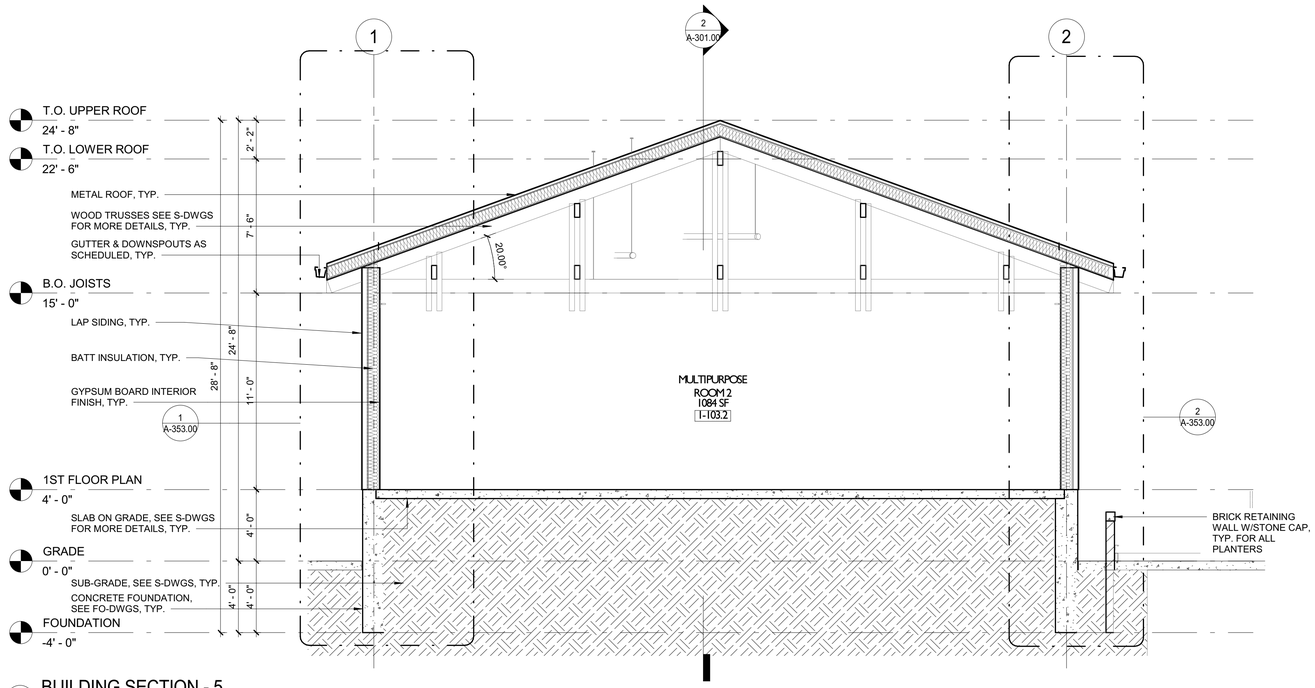
Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

Seal & Signature

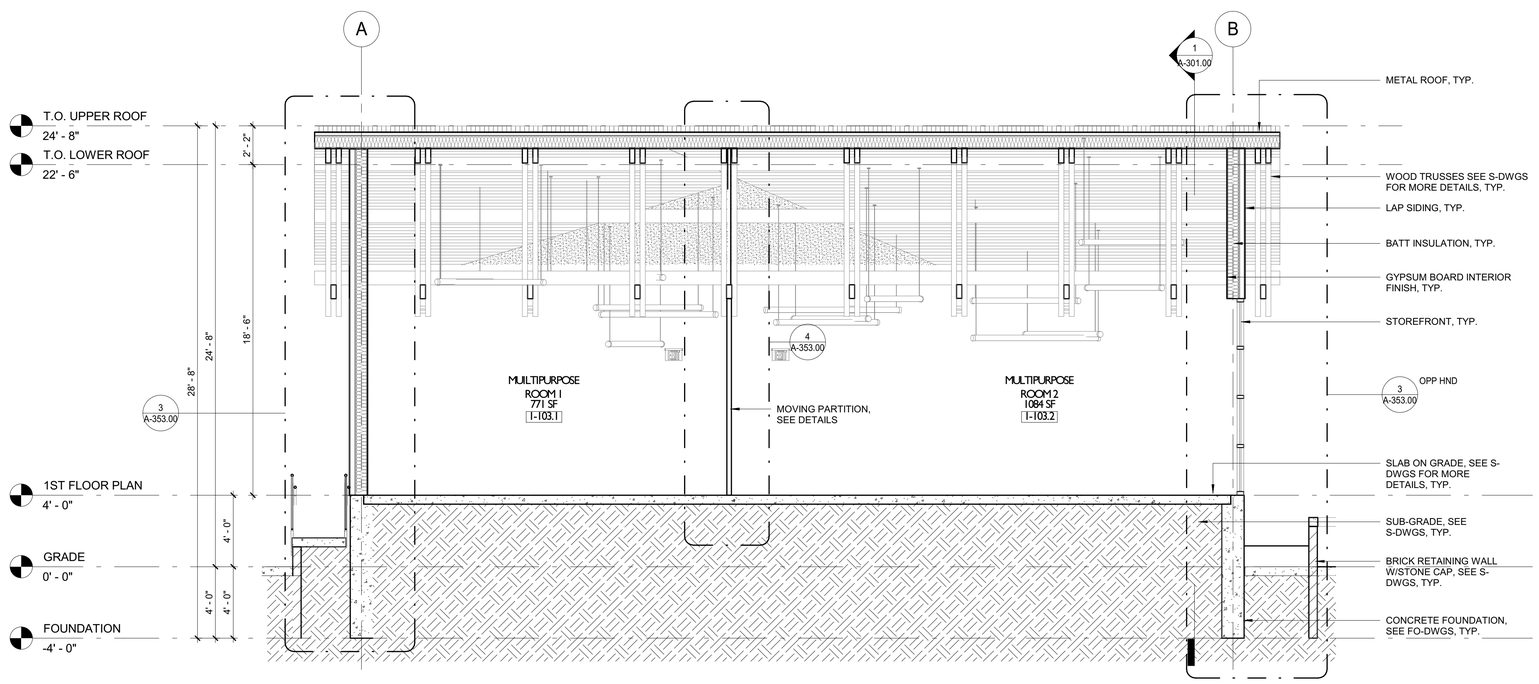
DASNY Project No: 3425609999

Drawing Number
A-300.00

Drawing ### of ###



1 BUILDING SECTION - 5
1/4" = 1'-0"



2 BUILDING SECTION - 6
1/4" = 1'-0"

SCALE 1/4=1'-0"
0 4 8 12 16

N

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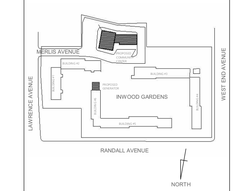

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64 BEAVER STREET, P.O. BOX 230
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Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

BUILDING SECTIONS - 2

Drawn By:	Checked By:	Date:
KW/CR	KW/CR	03/29/2019

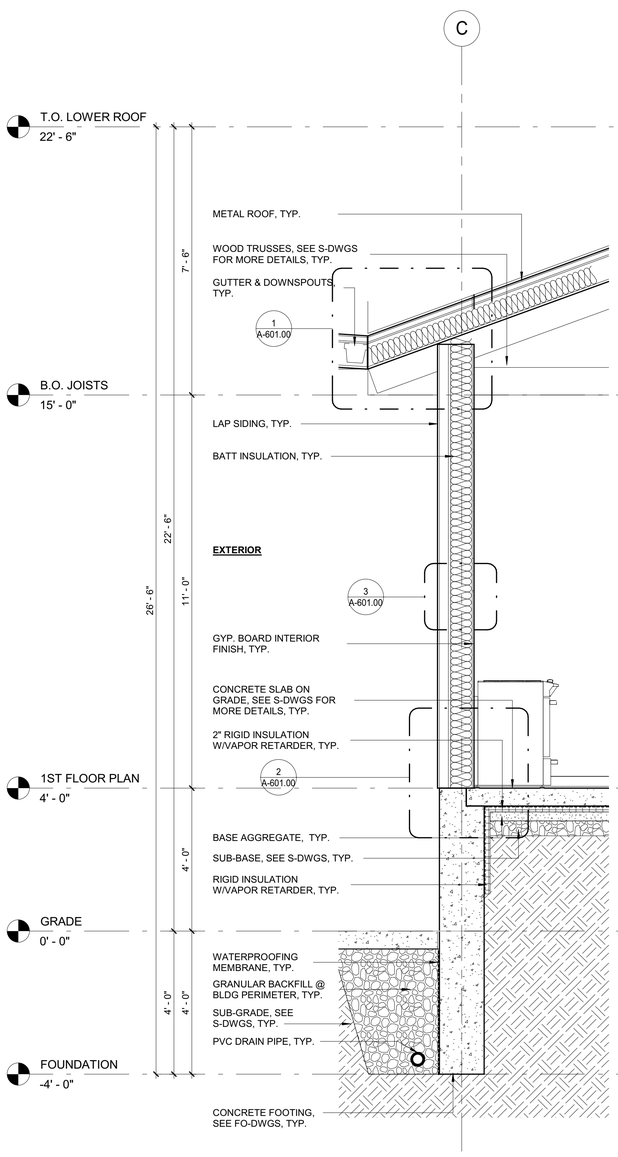
Seal & Signature

DASNY Project No: 3425609999

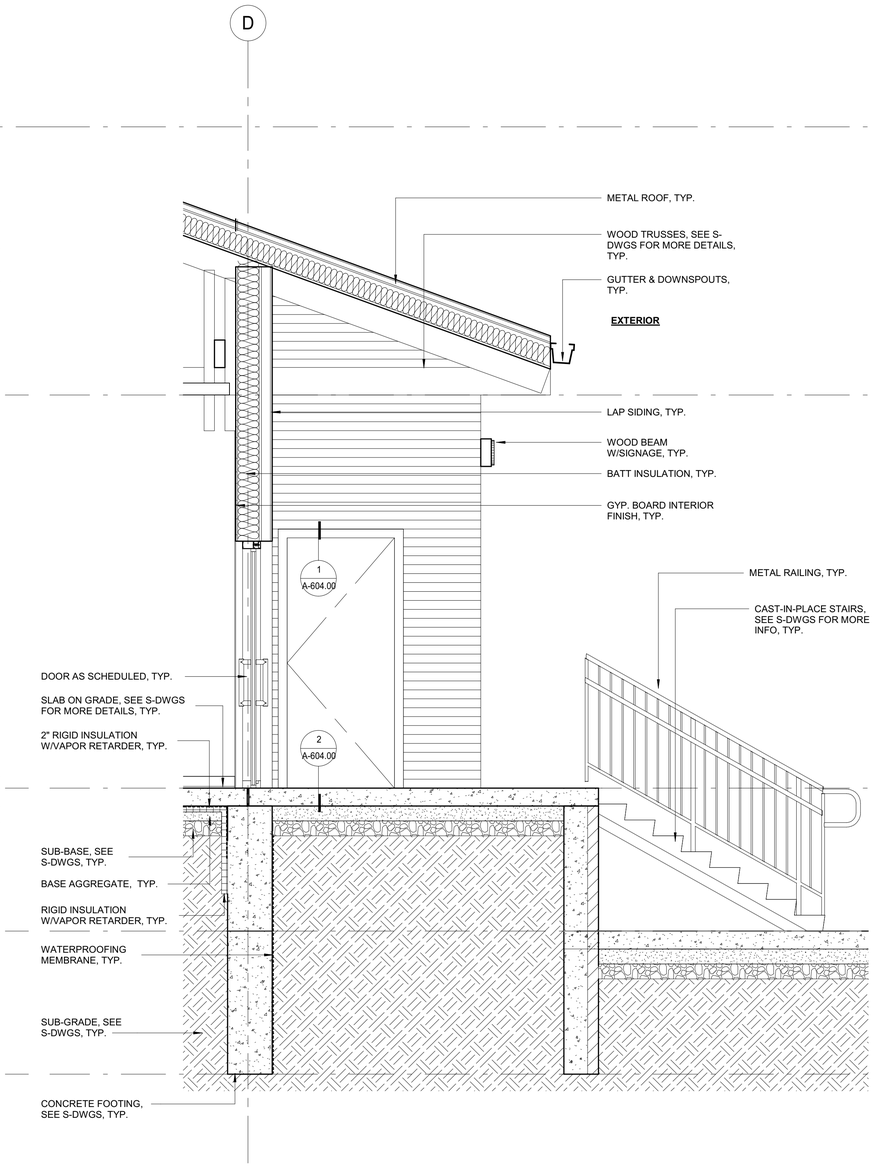
Drawing Number

A-301.00

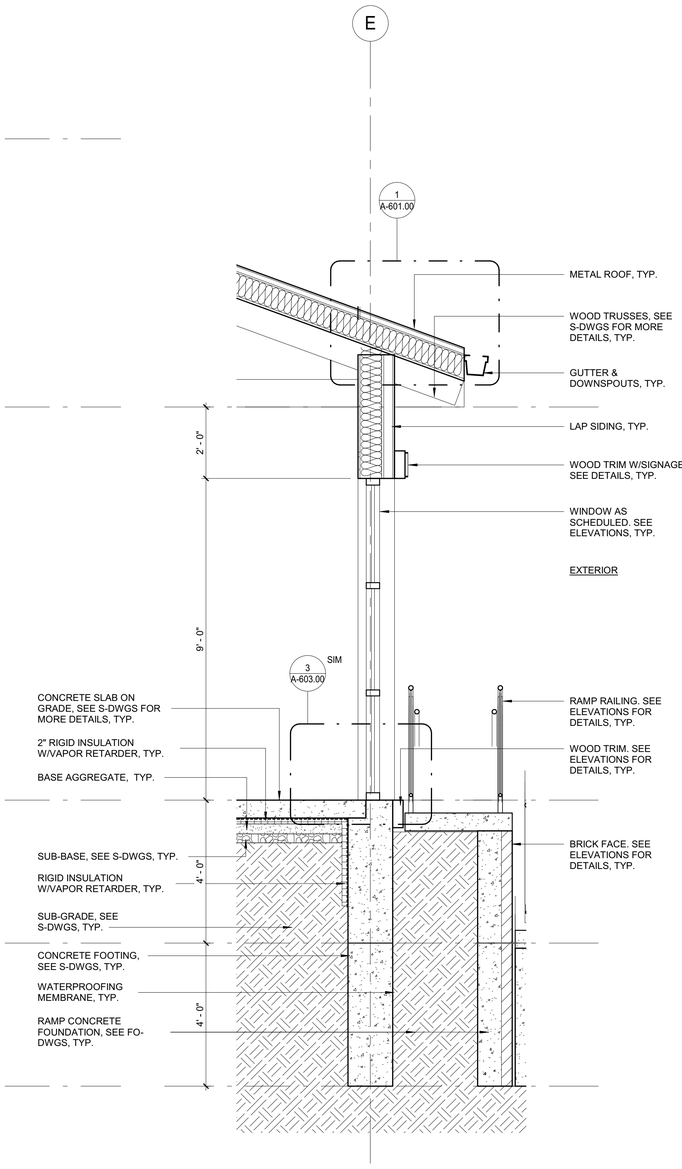
Drawing ### *of* ###



1 WALL SECTION - 1
1/2" = 1'-0"



2 WALL SECTION - 2
1/2" = 1'-0"



3 WALL SECTION - 3
1/2" = 1'-0"

SCALE 1/2=1'-0"
0 2 4 6 8

DESIGN DEVELOPMENT SET 03.26.2019

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TOWN OF HEMPSTEAD HOUSING AUTHORITY
760 JERUSALEM AVENUE
UNIONDALE, NY, 11553

Consultants:

LiRo Architects + Planners P.C.
THE LIRO GROUP
1 STATE STREET PLAZA
28TH FLOOR
NEW YORK, NY, 10004
212.563.0280

ENSIGN ENGINEERING P.C.
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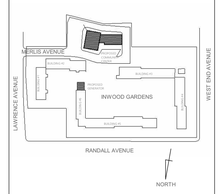
Project Key



REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

WALL SECTIONS - 1

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

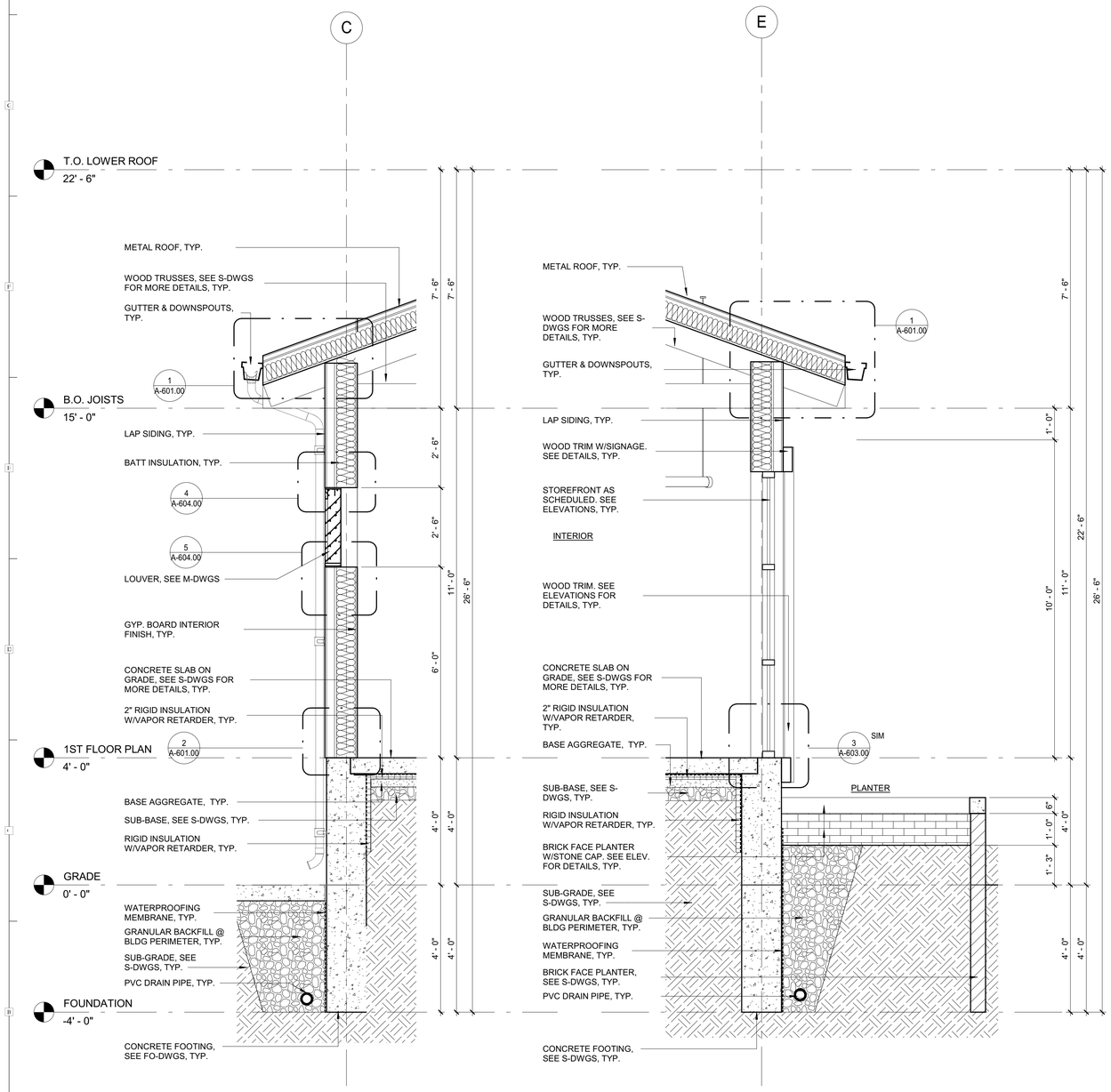
Seal & Signature

DASNY Project No: 3425609999

Drawing Number

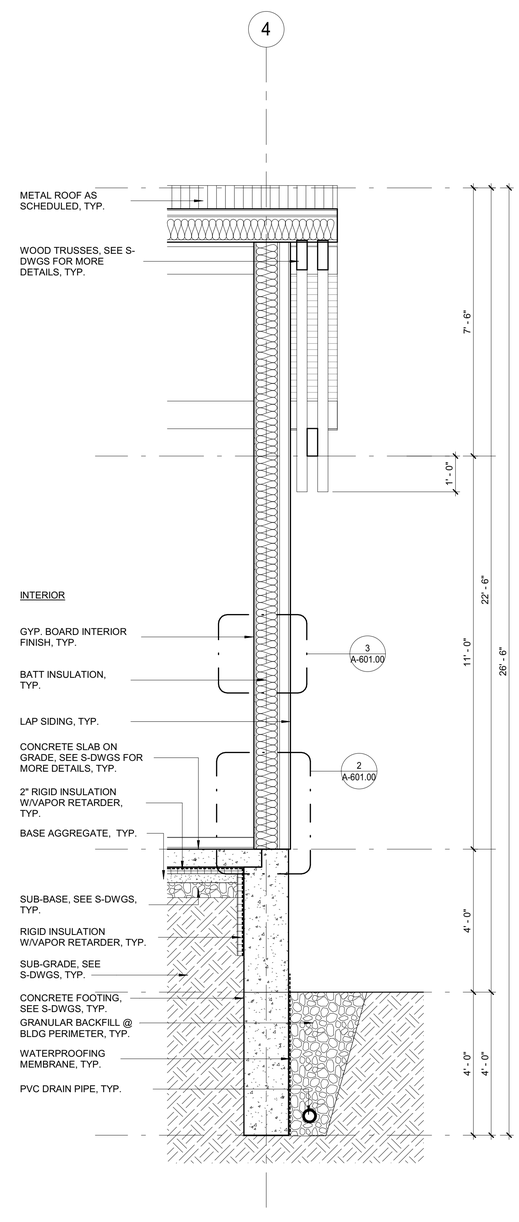
A-351.00

Drawing ### *of* ###



1 WALL SECTION - 4
1/2" = 1'-0"

2 WALL SECTION - 5
1/2" = 1'-0"



3 WALL SECTION - 6
1/2" = 1'-0"

SCALE 1/2=1'-0"
0 2 4 6 8

DESIGN DEVELOPMENT SET 03.26.2019

NEW YORK STATE OF OPPORTUNITY. DASNY

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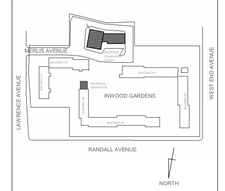
Project Key



REVISIONS

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1	--	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

WALL SECTIONS - 2

Drawn By:	Checked By:	Date:
Author	Checke	03/29/2019

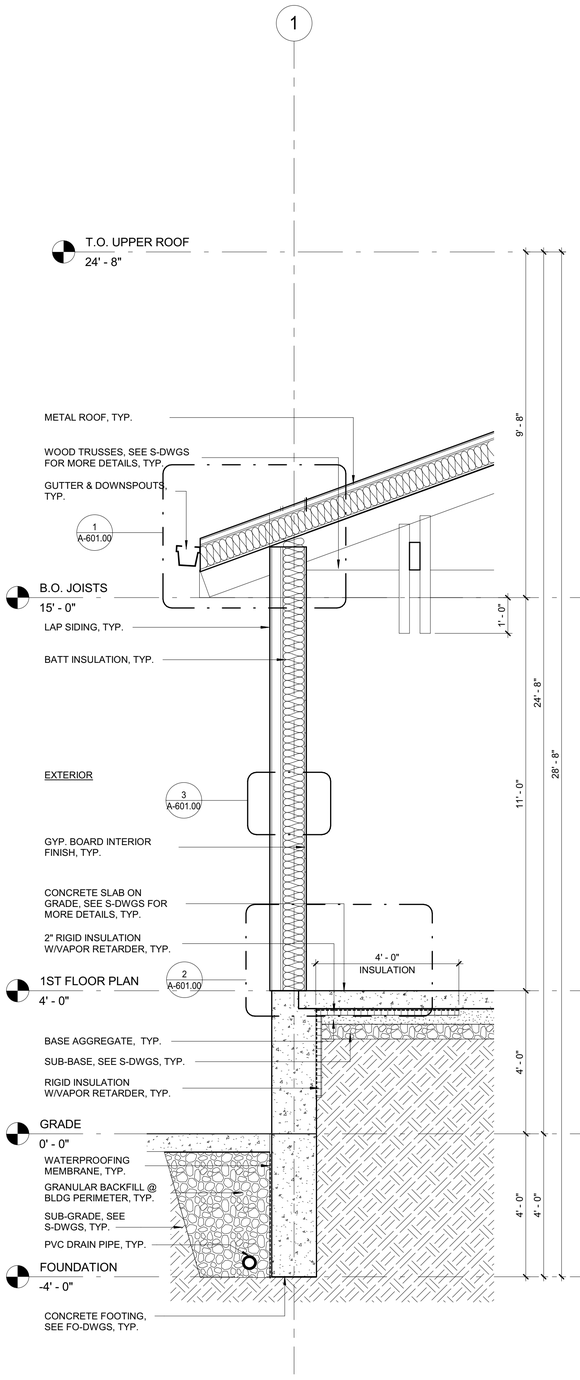
Seal & Signature

DASNY Project No: 3425609999

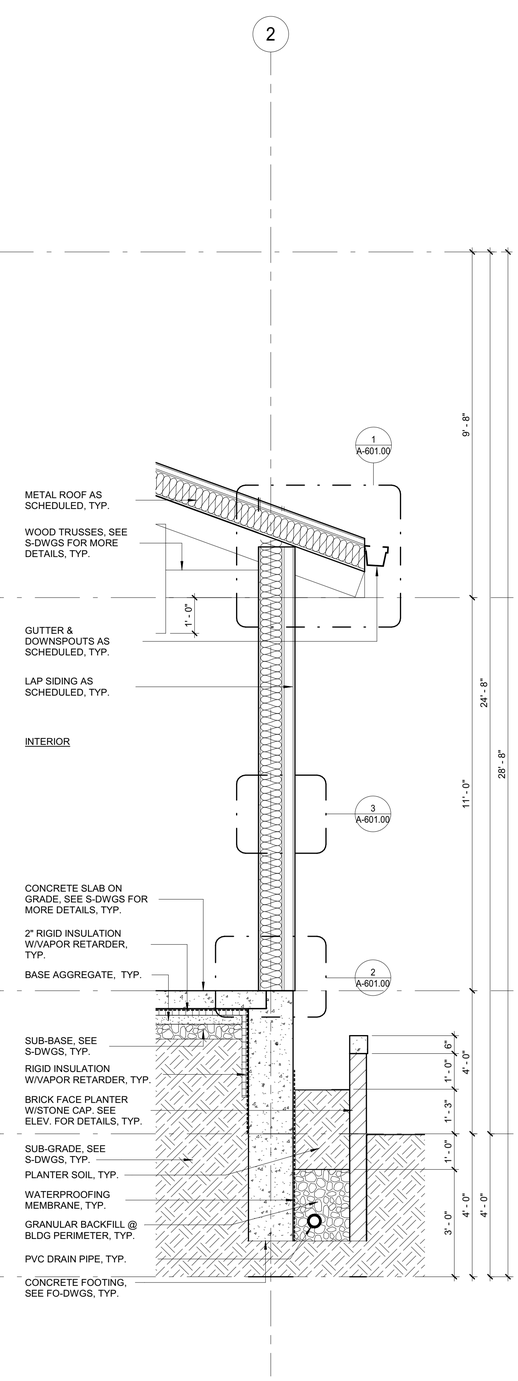
Drawing Number

A-352.00

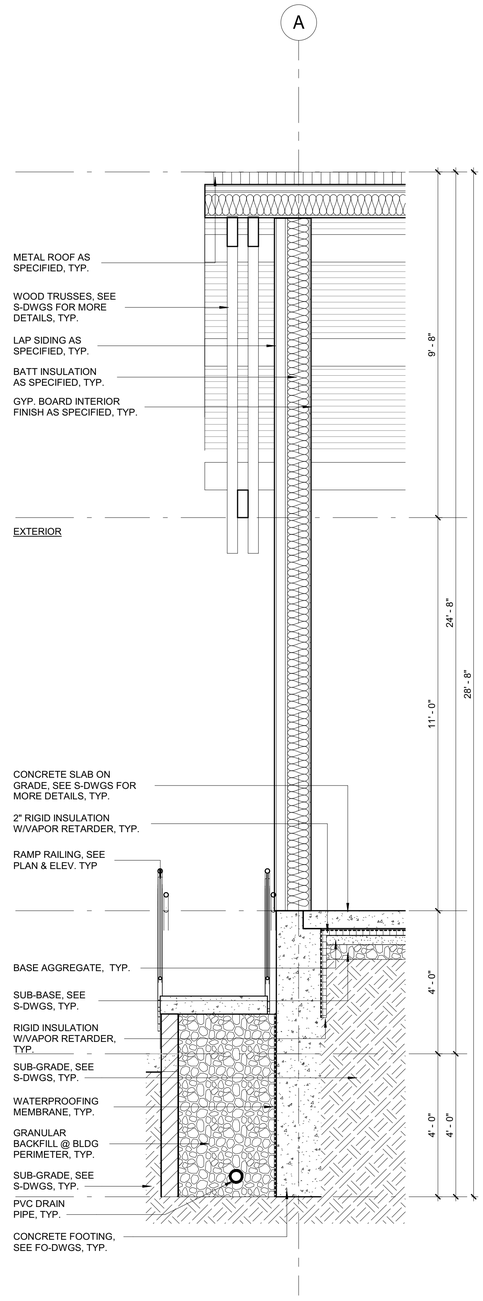
Drawing ### of ###



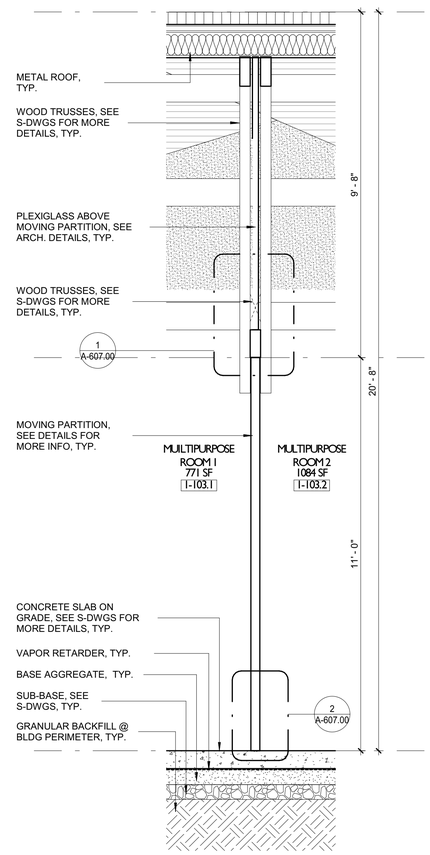
1 WALL SECTION - 1B
1/2" = 1'-0"



2 WALL SECTION - 2B
1/2" = 1'-0"



3 WALL SECTION - 3B
1/2" = 1'-0"



4 WALL SECTION - 4B
1/2" = 1'-0"

SCALE 1/2=1'-0"
0 2 4 6 8

DESIGN DEVELOPMENT SET 03.26.2019

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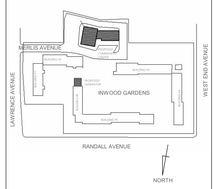


REVISIONS

Rev.No.	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

WALL SECTIONS - 3

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

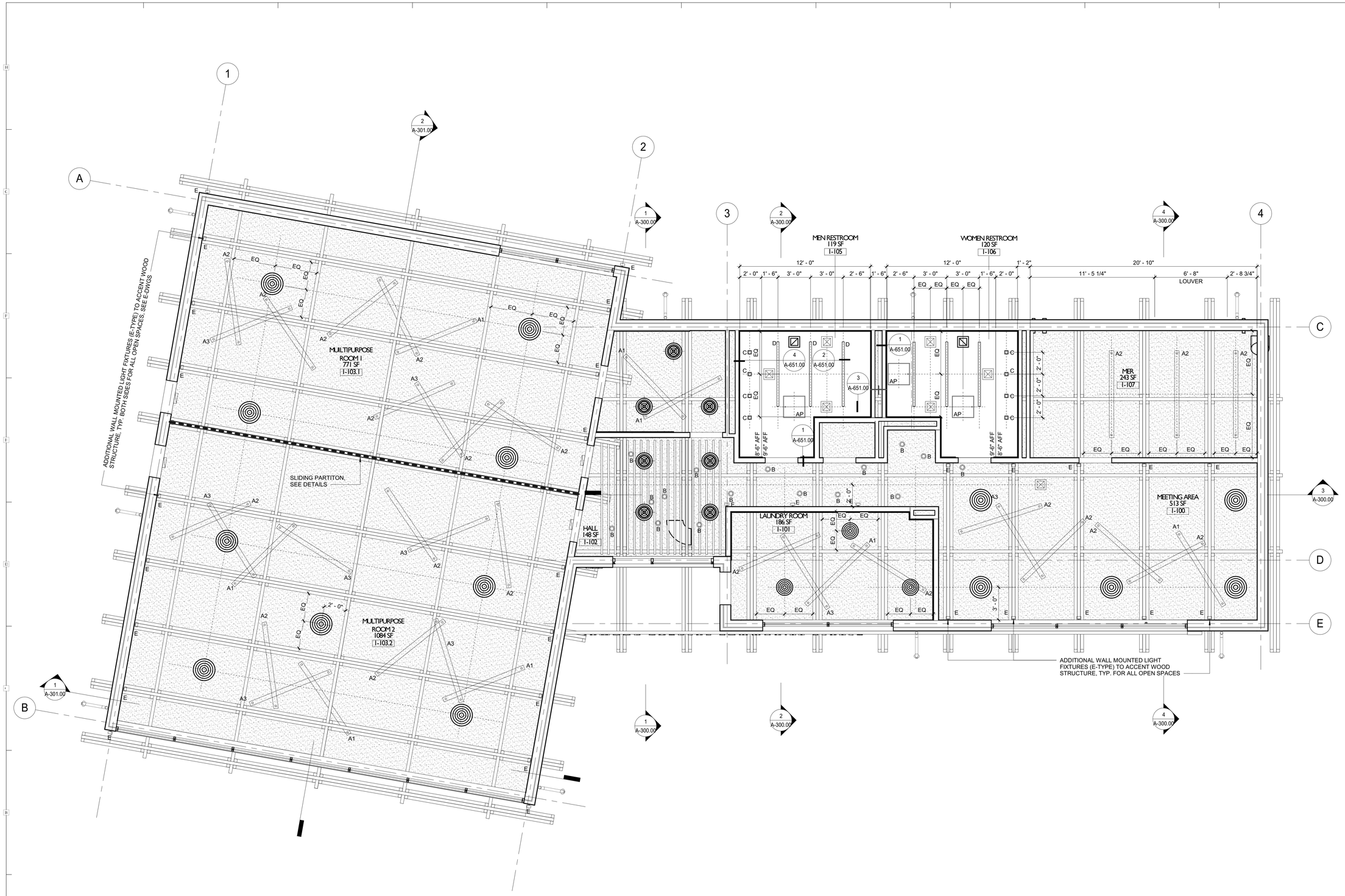
Seal & Signature

DASNY Project No: 3425609999

Drawing Number

A-353.00

Drawing ### *of* ###



1 RCP - 1 GROUND FLOOR
1/4" = 1'-0"

SCALE 1/4=1'-0"
0 4 8 12 16

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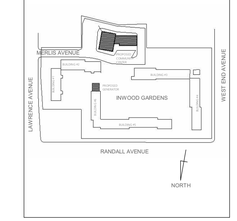
Project Key



REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client
GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title
INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title
FIRST FLOOR REFLECTED CEILING PLAN

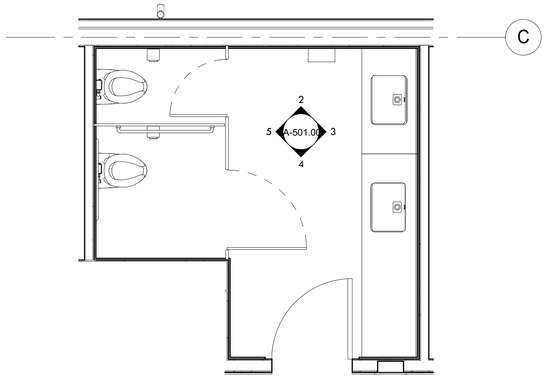
Drawn By:	Checked By:	Date:
Author	Checked	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

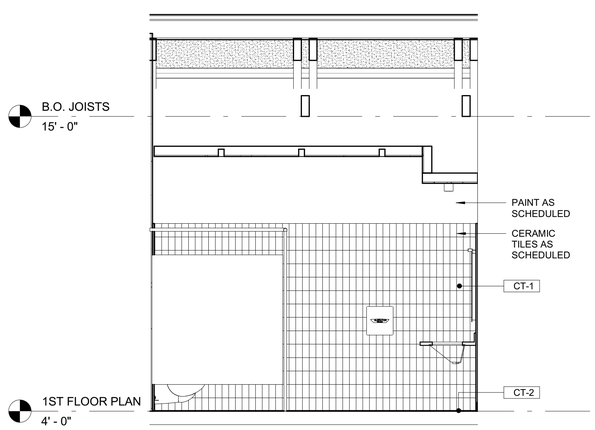
Drawing Number
A-401.00

Drawing ### *of* ###

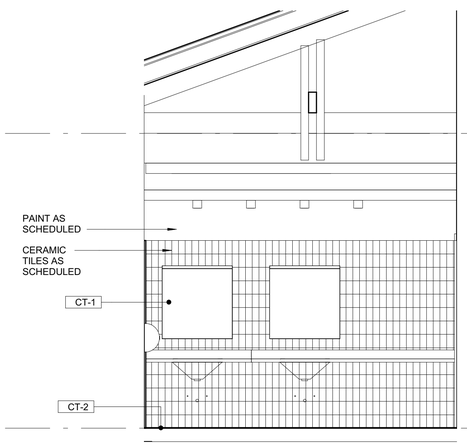


1 TYP. RESTROOM - ENLARGED PLAN
3/8" = 1'-0"

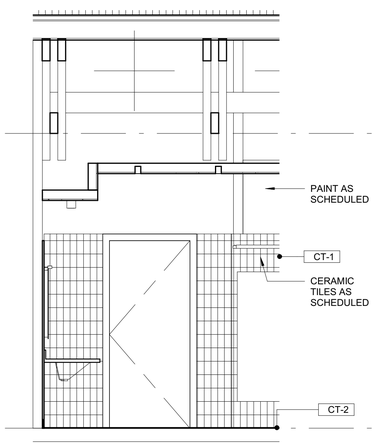
KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
CT-1	CERAMIC SUBWAY TILE
CT-2	CERAMIC TILE



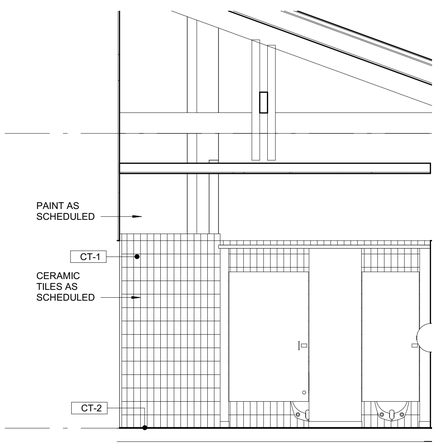
2 TYPICAL RESTROOM ELEVATION - 1
3/8" = 1'-0"



3 TYPICAL RESTROOM ELEVATION - 2
3/8" = 1'-0"



4 TYPICAL RESTROOM ELEVATION - 3
3/8" = 1'-0"



5 TYPICAL RESTROOM ELEVATION - 4
3/8" = 1'-0"

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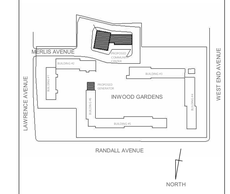
Project Key



REVISIONS

Rev No	Description	Date:
1	--	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

TYP. RESTROOM ENLARGED FL. PLAN & ELEV.

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

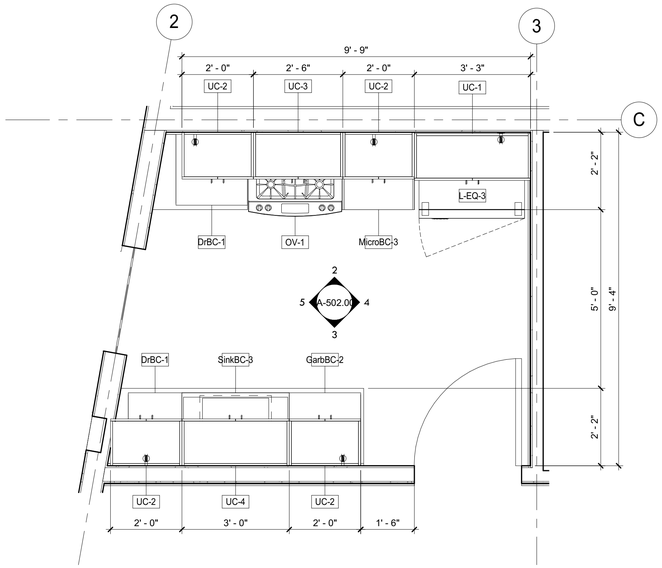
Seal & Signature

DASNY Project No: 3425609999

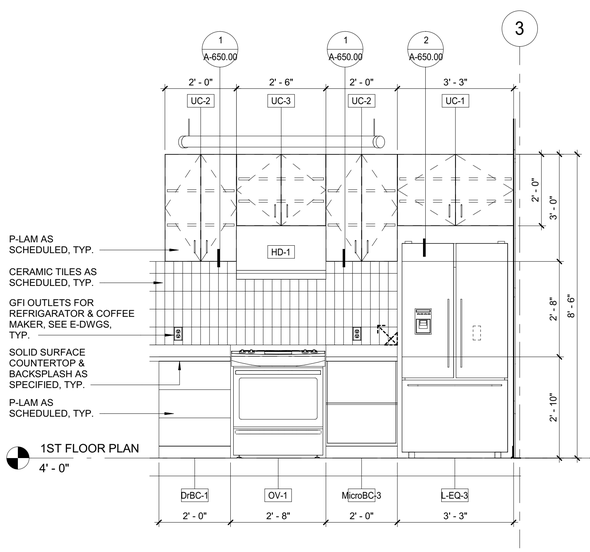
Drawing Number

A-501.00

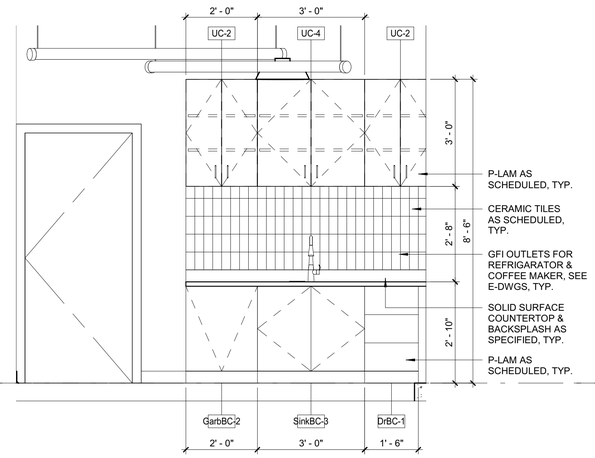
Drawing ### of ###



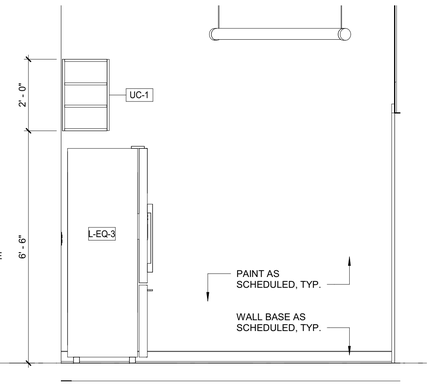
1 KITCHEN - ENLARGED PLAN
1/2" = 1'-0"



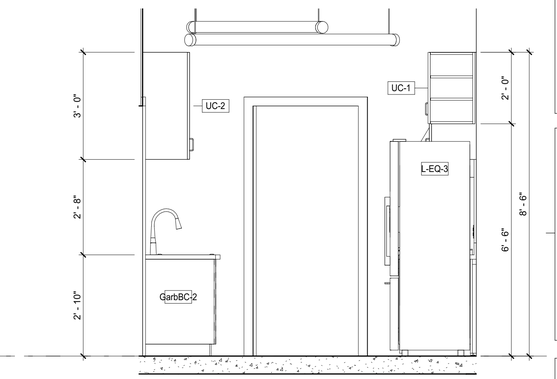
2 KITCHEN - ELEV. 1
1/2" = 1'-0"



3 KITCHEN - ELEV. 2
1/2" = 1'-0"



4 KITCHEN - ELEV. 3
1/2" = 1'-0"



5 KITCHEN - ELEV. 4
1/2" = 1'-0"

DESIGN DEVELOPMENT SET 03.26.2019

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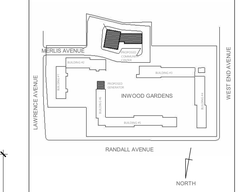


REVISIONS

Rev.No	Description	Date:
1	--	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

KITCHEN ENLARGED PLANS & ELEVATIONS

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

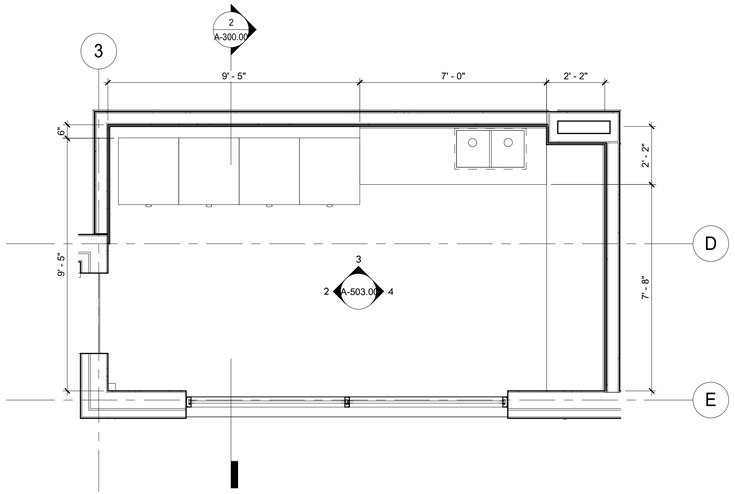
Seal & Signature

DASNY Project No: 3425609999

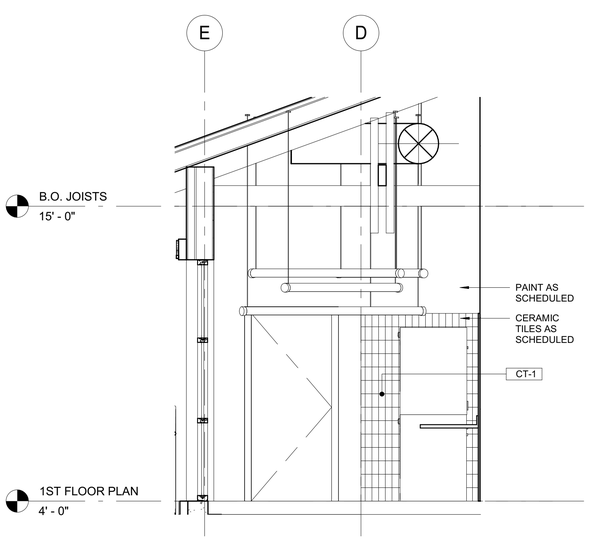
Drawing Number

A-502.00

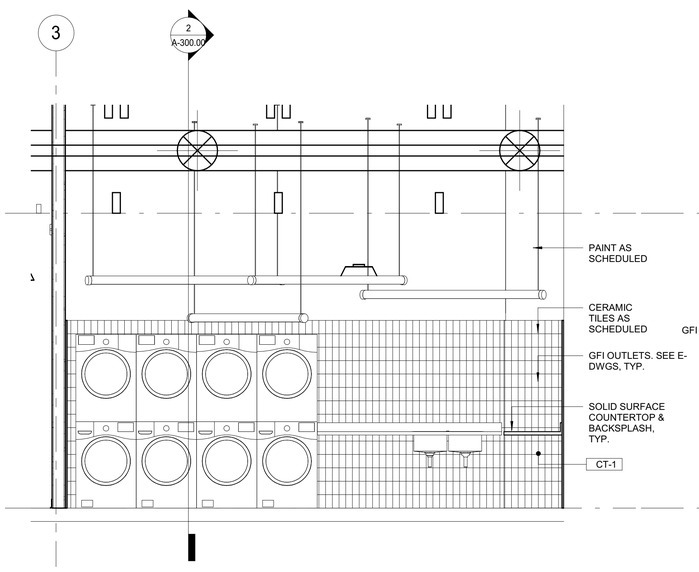
Drawing ### of ###



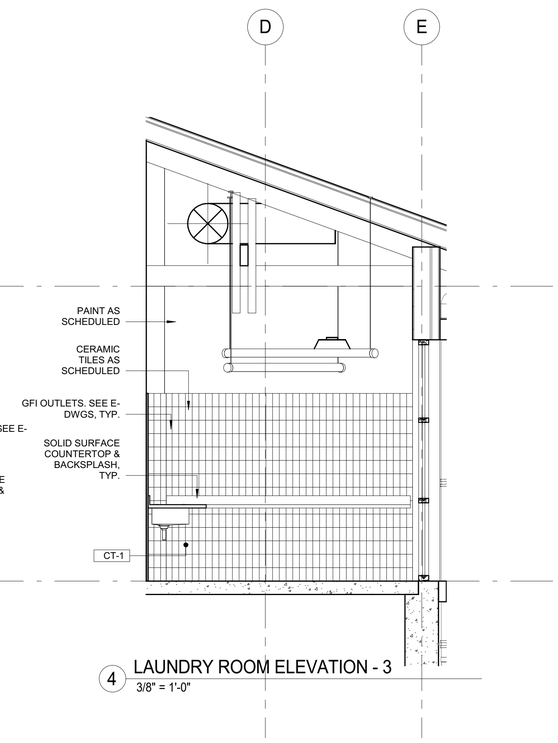
1 LAUNDRY RM - ENLARGED PLAN
3/8" = 1'-0"



2 LAUNDRY ROOM ELEVATION - 1
3/8" = 1'-0"



3 LAUNDRY ROOM ELEVATION - 2
3/8" = 1'-0"



4 LAUNDRY ROOM ELEVATION - 3
3/8" = 1'-0"

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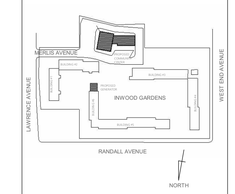


REVISIONS

Rev No	Description	Date:
1	--	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

LAUNDRY ROOM ENLARGED PLANS & ELEV.

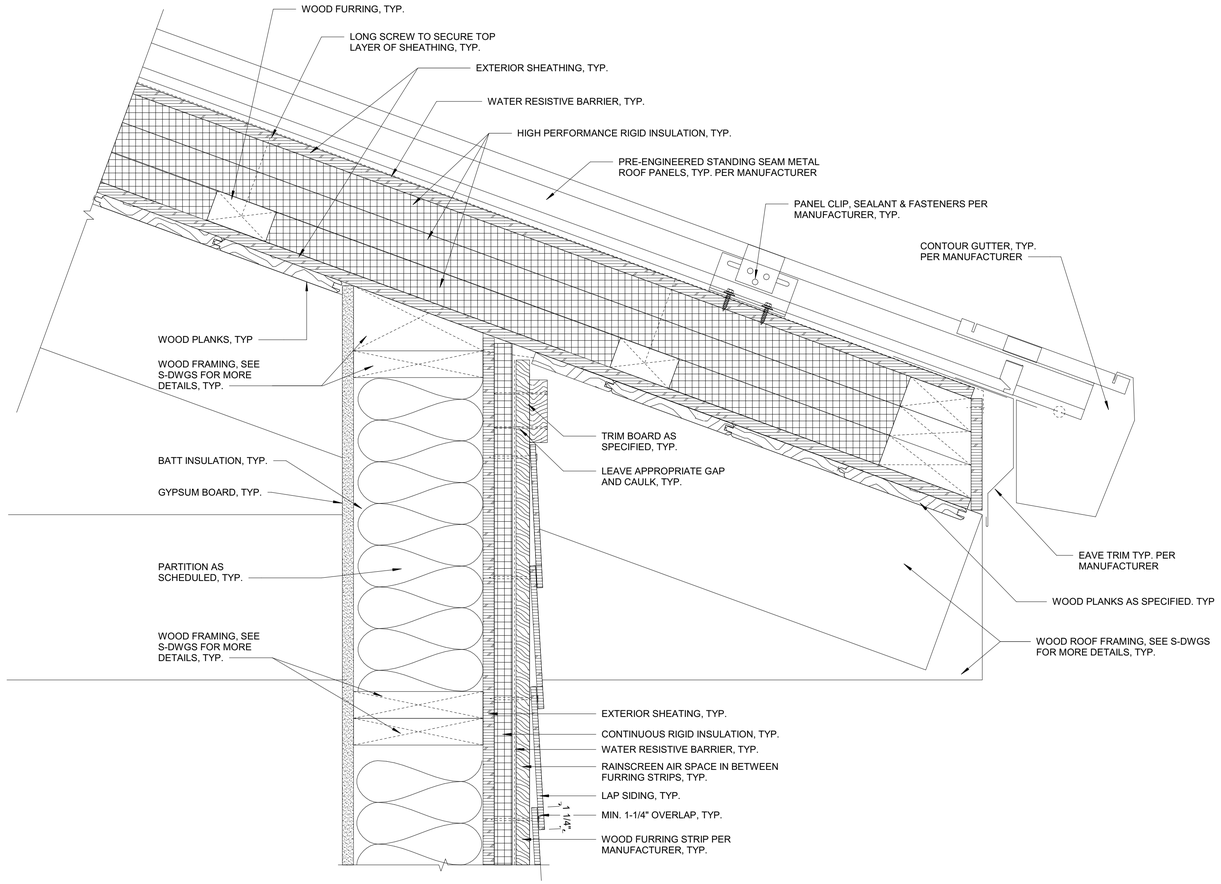
Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

Seal & Signature

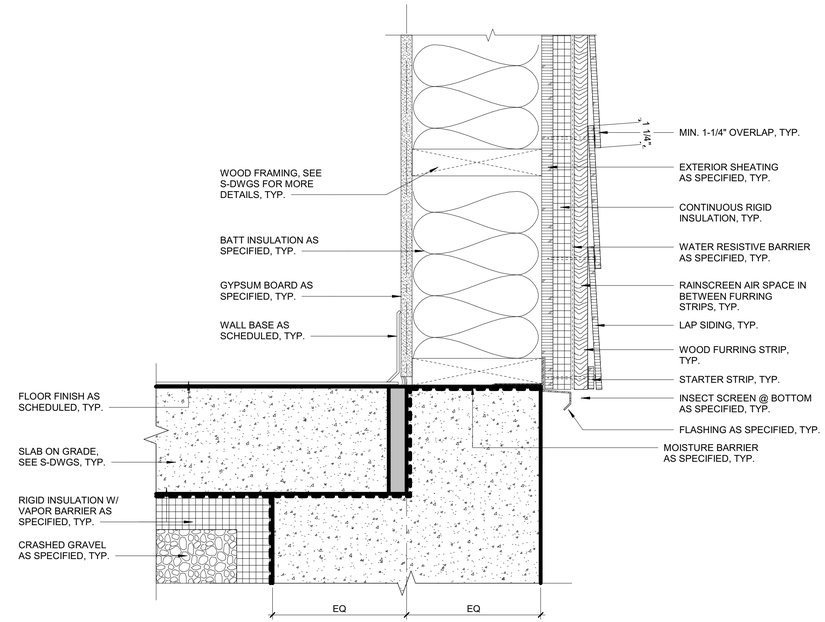
DASNY Project No: 3425609999

Drawing Number A-503.00

Drawing ### of ###



1 SECTION DETAIL - WALL HEAD 1 - EXTERIOR
3" = 1'-0"



2 SECTION DETAIL - WALL SILL - EXTERIOR
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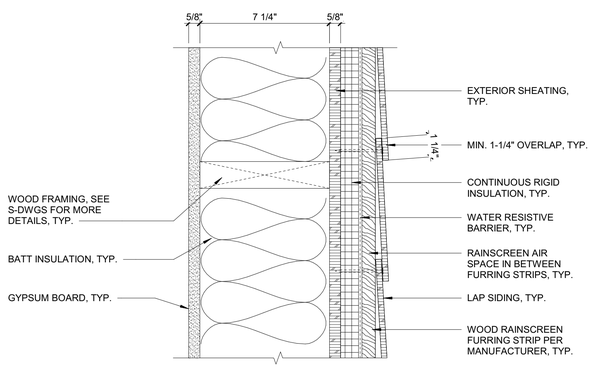

3 SECTION DETAIL - WALL MID - EXTERIOR
3" = 1'-0"

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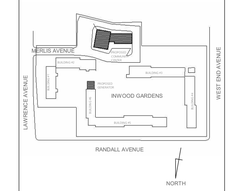


REVISIONS

Rev.No.	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

WALL DETAILS

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

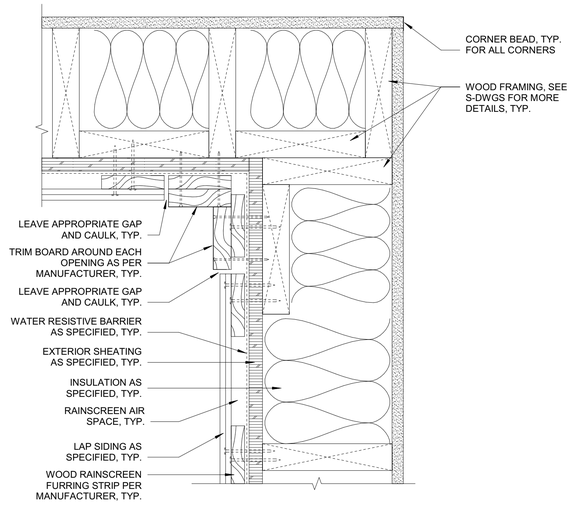
Seal & Signature

DASNY Project No: 3425609999

Drawing Number

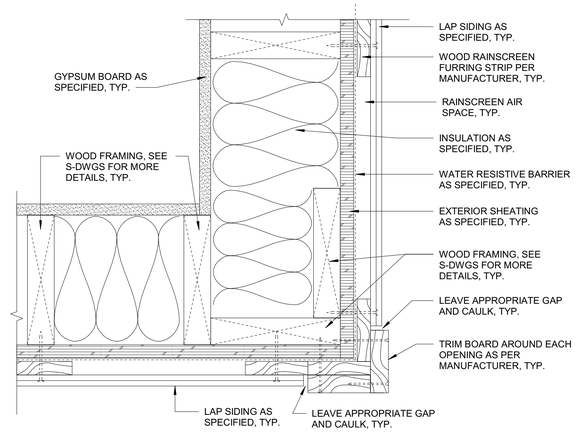
A-601.00

Drawing ### of ###



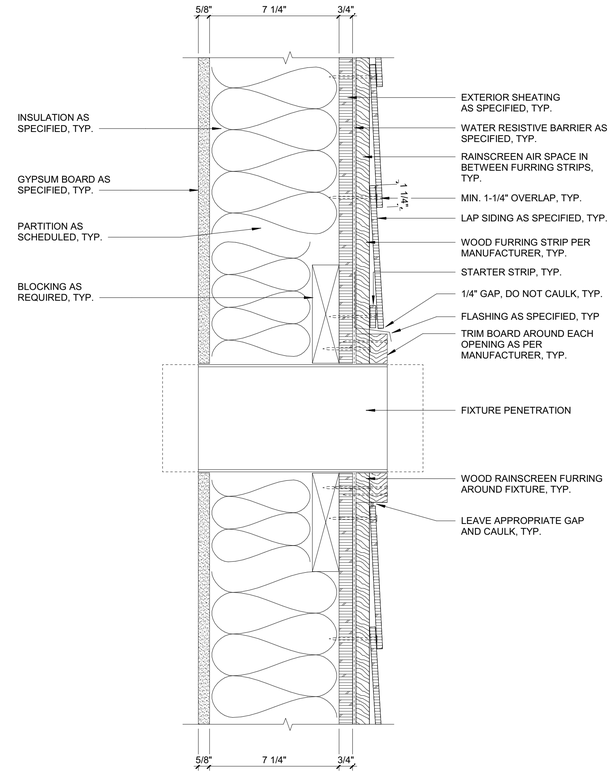
1 SECTION DETAIL - WALL CORNER - INSIDE

3" = 1'-0"



2 SECTION DETAIL - WALL CORNER - OUTSIDE

3" = 1'-0"



3 SECTION DETAIL - WALL PENETRATION - EXTERIOR

3" = 1'-0"

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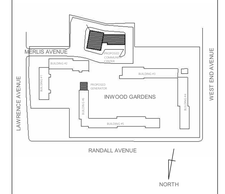


REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

WALL DETAILS

Drawn By:	Checked By:	Date:
Author	Checke	03/29/2019

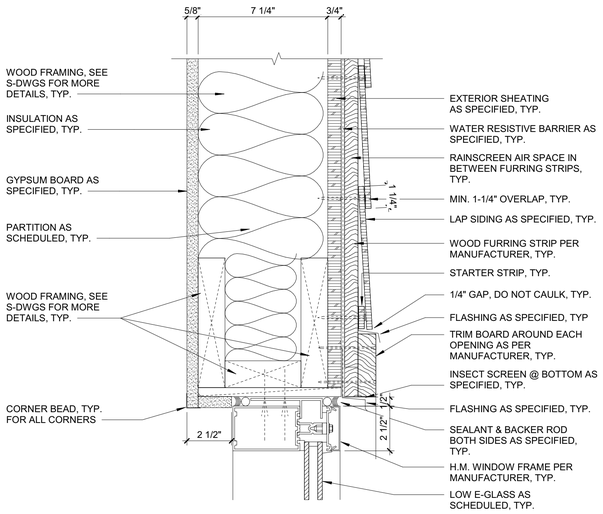
Seal & Signature

DASNY Project No: 3425609999

Drawing Number

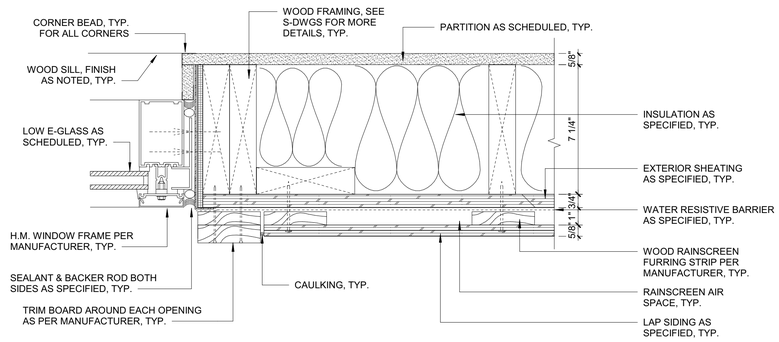
A-602.00

Drawing ### of ###



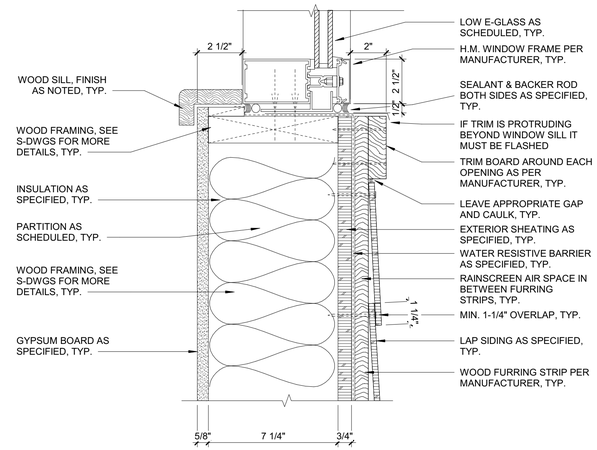
SECTION DETAIL - WALL-STOREFRONT HEAD 1

1 3" = 1'-0"



SECTION DETAIL - WALL-STOREFRONT JAMB

2 3" = 1'-0"



SECTION DETAIL - WALL-STOREFRONT SILL

3 3" = 1'-0"

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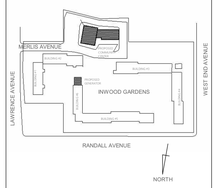


REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

STOREFRONT DETAILS

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

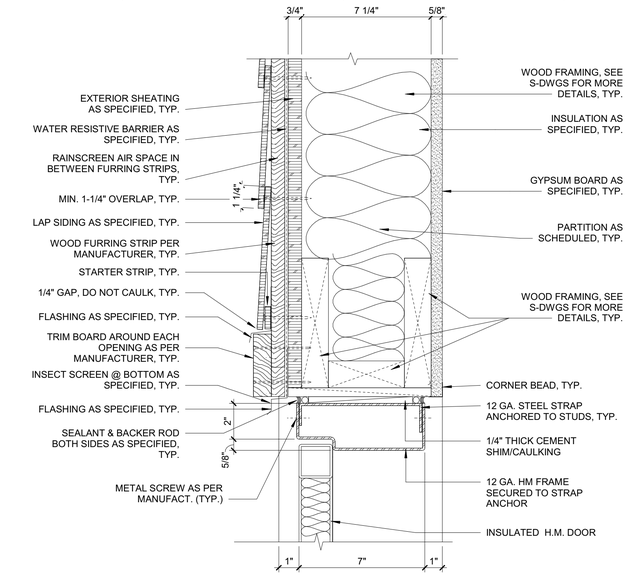
Seal & Signature

DASNY Project No: 3425609999

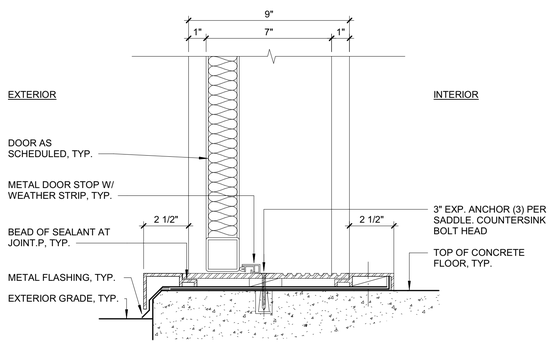
Drawing Number

A-603.00

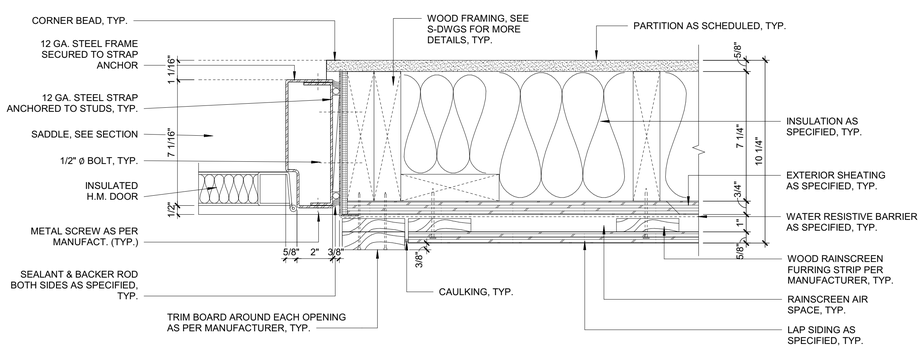
Drawing ### *of* ###



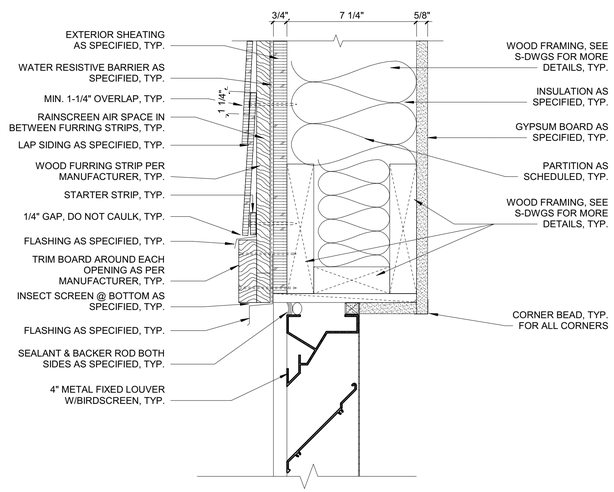
1 SECTION DETAIL - WALL-DOOR HEAD - EXTERIOR
3" = 1'-0"



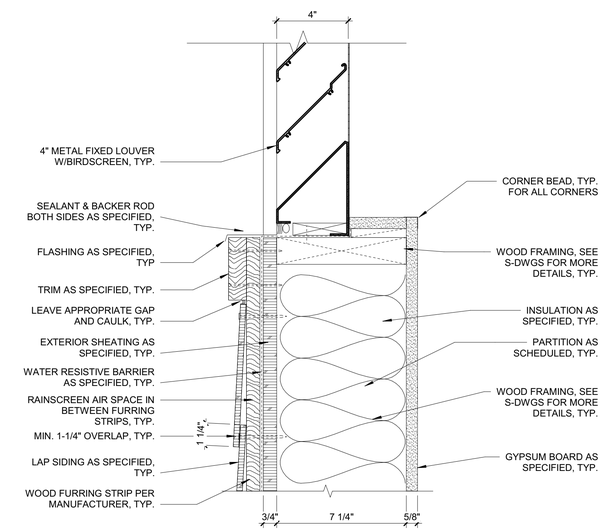
2 SECTION DETAIL - WALL-DOOR SILL - EXTERIOR
3" = 1'-0"



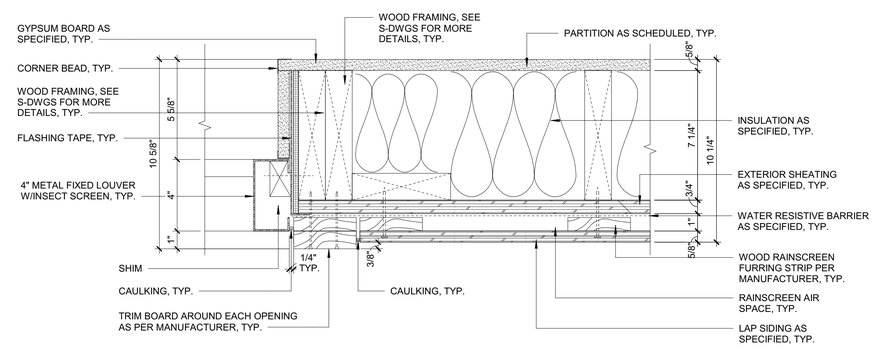
3 SECTION DETAIL - WALL-DOOR JAMB 2 - EXTERIOR
3" = 1'-0"



4 SECTION DETAIL - WALL-LOUVER HEAD
3" = 1'-0"



5 SECTION DETAIL - WALL-LOUVER SILL
3" = 1'-0"



6 SECTION DETAIL - WALL-LOUVER JAMB
3" = 1'-0"

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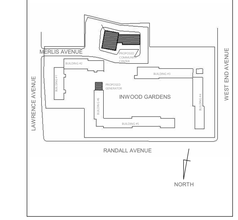


REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

DOOR & LOUVER DETAILS

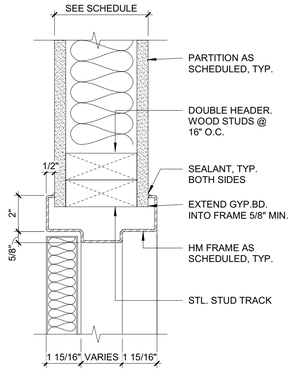
Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

Seal & Signature

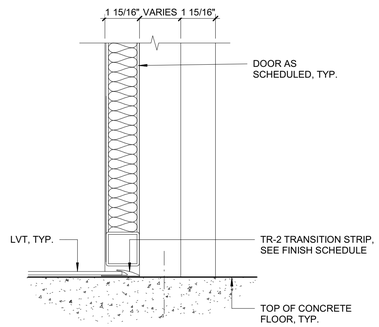
DASNY Project No: 3425609999

Drawing Number A-604.00

Drawing ### of ###



1 INTERIOR DOOR HEAD DETAIL
3" = 1'-0"



2 INTERIOR DOOR SADDLE DETAIL
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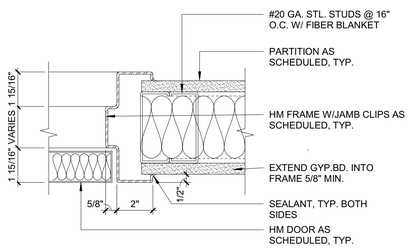
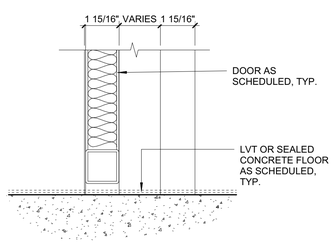
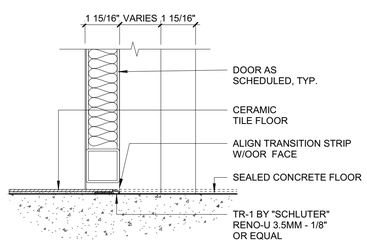


3 INTERIOR DOOR JAMB DETAIL
3" = 1'-0"



4 INTERIOR DOOR DETAIL @ FINISHED FLOOR
3" = 1'-0"



5 INTERIOR DOOR DETAIL @ CERAMIC TILES
3" = 1'-0"

DESIGN DEVELOPMENT SET 03.26.2019

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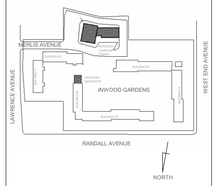
Project Key



REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

DOOR DETAILS

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

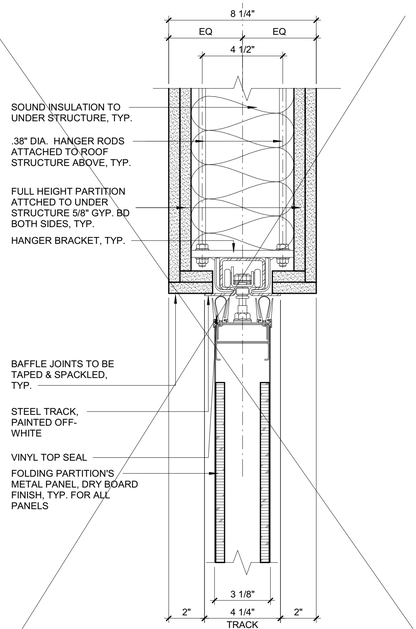
Seal & Signature

DASNY Project No: 3425609999

Drawing Number

A-605.00

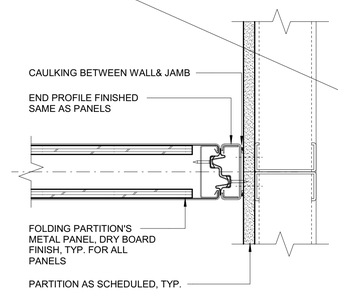
Drawing ### *of* ###

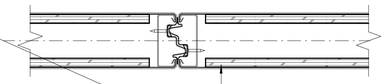


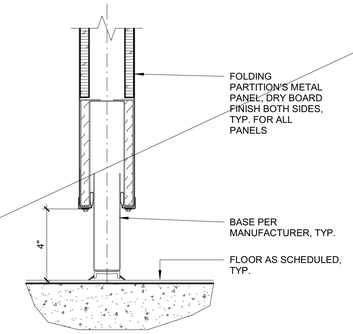
SIMILAR DETAIL

1 KN- MOVING PART DET 2

3" = 1'-0"







2 KN- MOVING PART DET 3

3" = 1'-0"

DESIGN DEVELOPMENT SET 03.26.2019

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760 JERUSALEM AVENUE
UNIONDALE, NY, 11553

Consultants:

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212.563.0280

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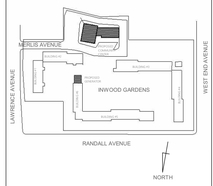
Project Key



REVISIONS

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Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

MOVING PARTITION DETAILS

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

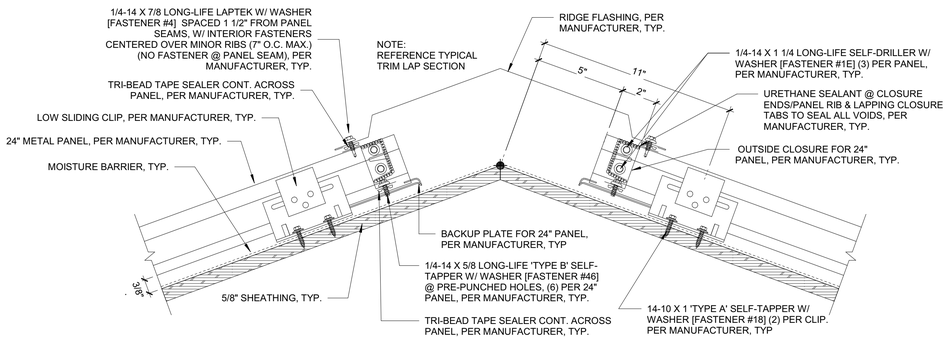
Seal & Signature

DASNY Project No: 3425609999

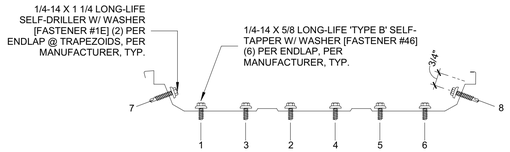
Drawing Number

A-607.00

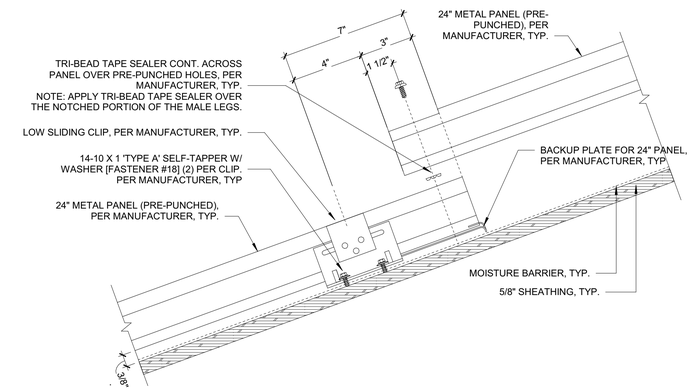
Drawing ### of ###

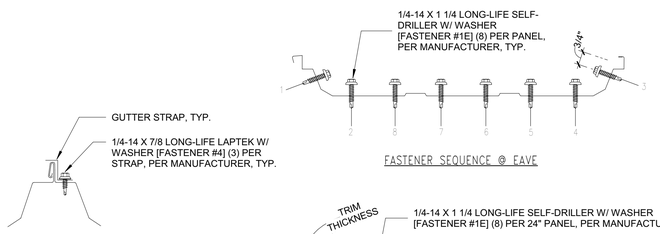


1 ROOF DETAIL - RIDGE
3" = 1'-0"

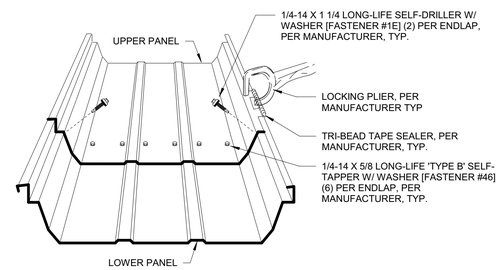


FASTENER SEQUENCE @ ENDLAP



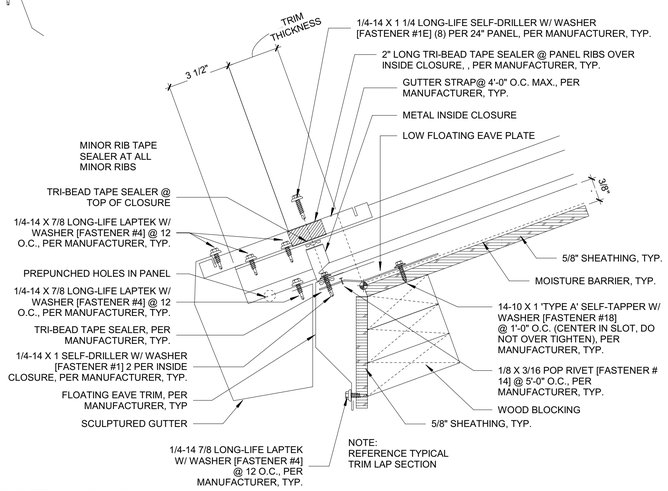


FASTENER SEQUENCE @ EAVE



PANEL INSTALLATION SEQUENCE

2 ROOF DETAIL - PANEL SEQUENCE
3" = 1'-0"



3 ROOF DETAIL - EAVE
3" = 1'-0"

DESIGN DEVELOPMENT SET 04.01.2019

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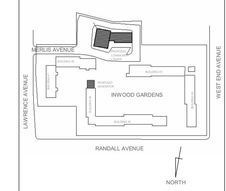
Project Key



REVISIONS

Rev No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

ROOF DETAILS

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

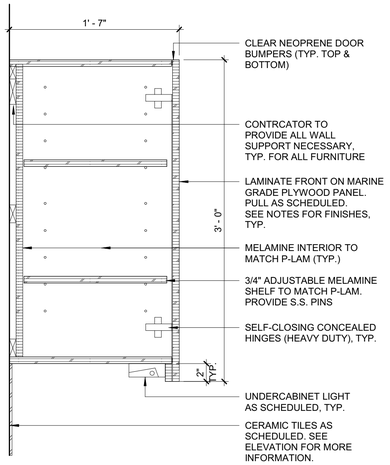
Seal & Signature

DASNY Project No: 3425609999

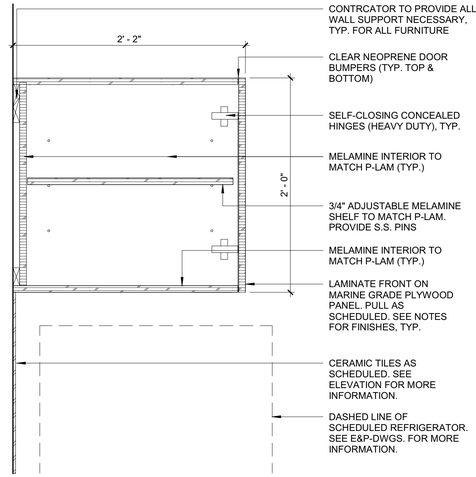
Drawing Number

A-610.00

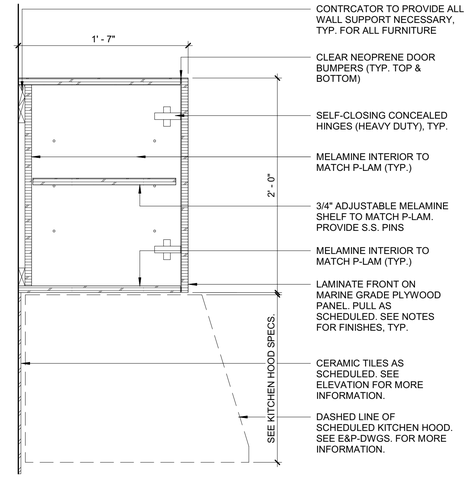
Drawing ### of ###



1 KITCHEN DET 1
1 1/2" = 1'-0"



2 KITCHEN DET 2
1 1/2" = 1'-0"



3 KITCHEN DET 3
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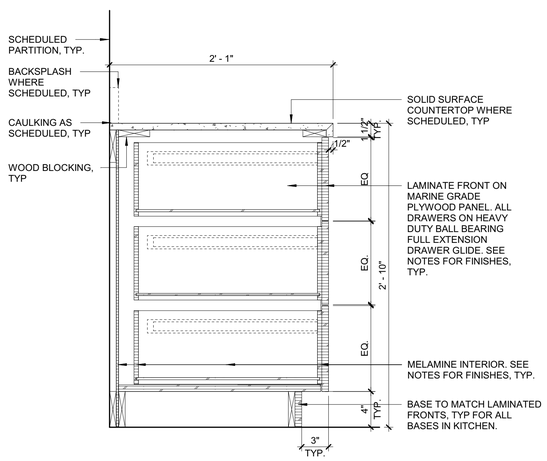
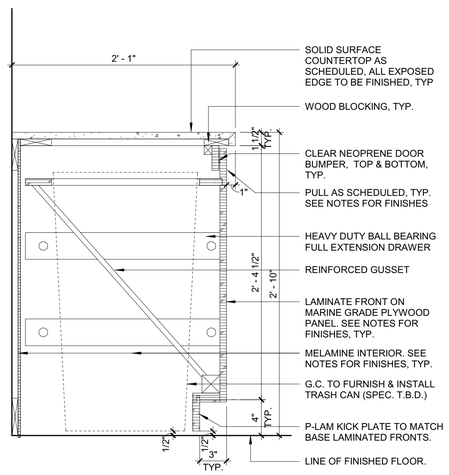
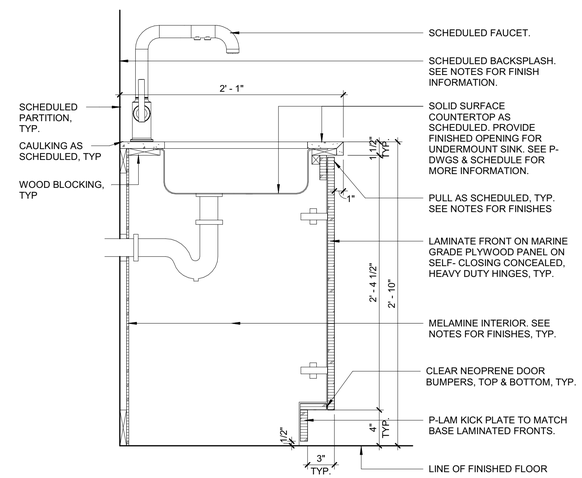


4 KITCHEN DET 4
1 1/2" = 1'-0"



5 KITCHEN DET 5
1 1/2" = 1'-0"



6 KITCHEN DET 6A
1 1/2" = 1'-0"

DESIGN DEVELOPMENT SET 03.26.2019

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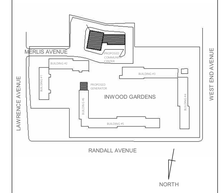
Project Key



REVISIONS

Rev No	Description	Date:
1	--	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

MILLWORK DETAILS

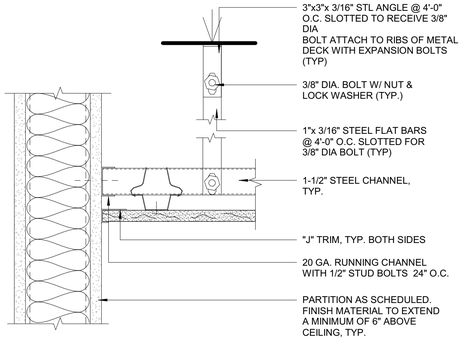
Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

Seal & Signature

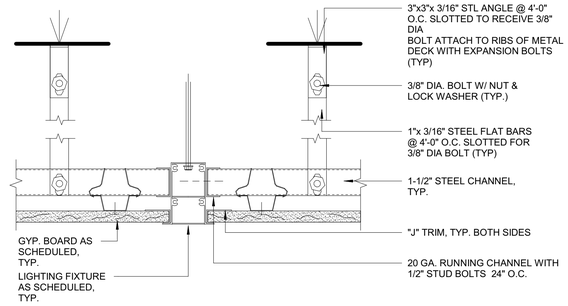
DASNY Project No: 3425609999

Drawing Number A-650.00

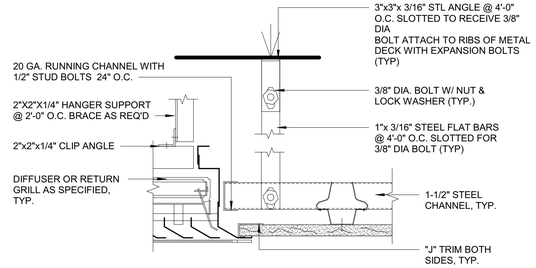
Drawing ### *of* ###



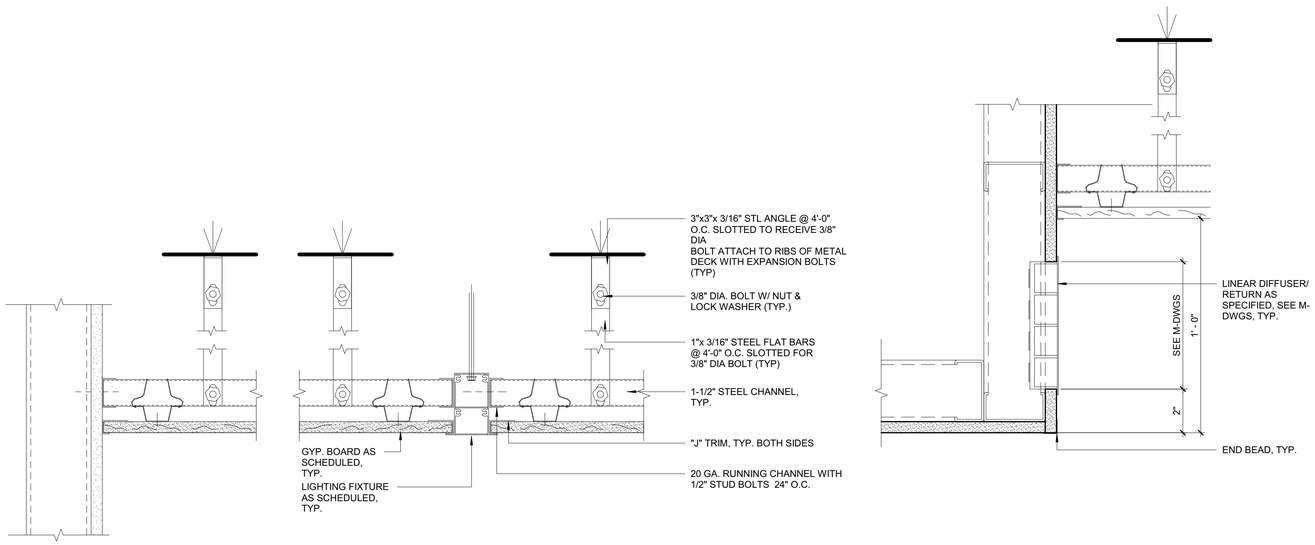
1 GYPSUM BOARD CEILING - DETAIL 1
3" = 1'-0"



2 GYPSUM BOARD CEILING - DETAIL 2
3" = 1'-0"



3 GYPSUM BOARD CEILING - DETAIL 3
3" = 1'-0"



4 GYPSUM BOARD CEILING - DETAIL 4
3" = 1'-0"

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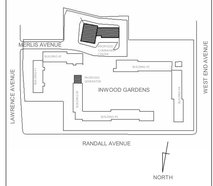

REVISIONS

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1	---	##/##/20##

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GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

GYPSUM BOARD CEILING DETAILS

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

Drawing Number A-651.00

Drawing ### of ###

DOOR SCHEDULE

DOOR # ROOM #	LOCATION	INT. EXT.	FRAME W.	FRAME H.	DOOR DR. TYPE	DOOR W.	DOOR H.	DOOR TH.	DOOR MAT.	DOOR FIRE RAT'G	DOOR HW SET	DOOR VISION PANEL	DOOR TYPE	DOOR MAT.	FRAME DETAIL - DWG # HEAD	JAMB	SILL	TRIM	MULLION	REMARKS
1-101	LAUNDRY ROOM	EXT.	3'-3"	7'-1 1/2"	FV	3'-0"	7'-0"	1 3/4"	HM	-		5"x3'-6"	SF2	HM	1/A-604.00	4/A-604.00	2/A-604.00			SEE SPECIFICATIONS FOR HARDWARE
1-102	HALL - ENTRANCE	EXT.	SEE ALUMINUM FRONT DOOR ELEVATION & DETAILS ON A-604.00																-	
1-102.1	MEETING ROOM 2	INT.	3'-3"	7'-1 1/2"	FFR	3'-0"	7'-0"	1 3/4"	HM	3/4			SF1	HM					-	
1-102.2	MEETING ROOM 1	INT.	3'-3"	7'-1 1/2"	FFR	3'-0"	7'-0"	1 3/4"	HM	3/4			SF1	HM						
1-103.1	PANTRY	INT.	3'-3"	7'-1 1/2"	FFR	3'-0"	7'-0"	1 3/4"	HM	3/4			SF1	HM					-	
1-103.1E	MEETING ROOM 1	EXT.	SEE ALUMINUM FRONT DOOR ELEVATION & DETAILS ON A-604.00																	
1-103.2E	MEETING ROOM 2	EXT.																		
1-104	PANTRY	INT.	3'-3"	7'-1 1/2"	FV	3'-0"	7'-0"	1 3/4"	HM	-			SF1	HM						
1-105	MEN RESTROOM	INT.	3'-3"	7'-1 1/2"	F	3'-0"	7'-0"	1 3/4"	HM	-			SF1	HM						
1-106	WOMEN RESTROOM	INT.	3'-3"	7'-1 1/2"	F	3'-0"	7'-0"	1 3/4"	HM	-			SF1	HM						
1-107	MER ROOM	INT.	3'-3"	7'-1 1/2"	FFR	3'-0"	7'-0"	1 3/4"	HM	3/4			SF1	HM						
1-108	JANITOR'S CLOSET	INT.	3'-3"	7'-1 1/2"	F	3'-0"	7'-0"	1 3/4"	HM	3/4			SF1	HM						

TYPICAL DOOR TYPES:
F = FLUSH DOOR (NUMBER = NUMBER OF DOORS)
V = VISION PANEL (NUMBER = NUMBER OF LIGHTS)
ELo = ELEC. LOCK FR = FIRE RATED
K = KICK PLATE

TYPICAL FRAME TYPES:
A = ASTRAGAL (NO MULLION)
AL = ALUMINUM
HM = HOLLOW METAL
SF = SINGLE FRAME

TYPICAL FRAME MATERIAL TYPES:
AL = ALUMINUM
HM = HOLLOW METAL

EXAMPLE: FVK = FLUSH / VISION PANEL / KICK PLATE

HARDWARE SCHEDULE:

DH-1	SYNCRO CLOSE MECHANISM	METRO WALL, LP-SERIES
DH-2	TOP & BOTTOM PIVOT HINGES	METRO WALL, LP-SERIES, BRUSHED FINISH
LK-1	48" NON-LOCKING LADDER PULL.	METRO WALL, BRUSHED FINISH
LK-2	DOUBLE MAGNETIC LOCK	METRO WALL
LK-3	MIAMI STYLE LOCKING LEVERSET	METRO WALL, BRUSHED FINISH
STP-1	FLOOR MOUNTED DOOR STOP	METRO WALL, BRUSHED FINISH W/ BLACK RUBBER BUMPER
STP-2	FLOOR STOP	IVES, MODEL: FS13, FINISH US26D
CL-1	CYLINDRICAL LOCK	SCHLAGE, MODEL TBD
CL-2	CYLINDRICAL LOCK	SCHLAGE, MODEL L9040, FINISH 626
HN-1	(3) HINGES	SCHLAGE, MODEL: 1020-605, FINISH 626
HN-2	(3) HINGES	STANLEY, MODEL CB-191, FINISH 626
CLS-1	CLOSER	LCN, 4000 SERIES
SL-1	SILENCER	IVES, MODEL: SR63
L-1	LEVER	SCHLAGE, L-SERIES, FINISH 626

H.M. DOOR: HARDWARE SET #3: HN-1, CLS-1, STP-2, SL-1, CL-1, LK-3
H.M. DOOR WITH PUSH BAR: HARDWARE SET #4: HN-2, CLS-1, STP-2, SL-1, CL-2, L-1

LOUVER SCHEDULE

LOUVER TYPE	LOUVER DESCRIPTION NAME	MAT.	WALL OPENING W.	WALL OPENING H.	NO. OF LOUVERS	LOUVER DIMENSIONS W.	LOUVER DIMENSIONS H.	LOUVER DETAILS DETAIL / DWG # HEAD	JAMB	SILL	REMARKS
F	L1	AL			1			4/A-604.00	6/A-604.00	5/A-604.00	
					1						

New Construction

RM#	RM NAME	AREA	FLOOR FNISH	WALL FINISHES NORTH	EAST	SOUTH	WEST	BASE TYPE	CEILING FINISH
1-100	MEETING AREA	512.52 SF	LVT TILES	PT-1	PT-1	PT-1	PT-1	RB-1	NO CLG
1-101	LAUNDRY ROOM	186.01 SF	CERAMIC TILES	PT-1/CT-1	PT-1/CT-1	PT-1/CT-1	PT-1/CT-1	-	NO CLG
1-102	HALL	148.14 SF	LVT TILES	PT-1	PT-1	PT-1	PT-1	RB-1	NO CLG
1-103.1	MUILTIPURPOSE ROOM 1	770.98 SF	LVT TILES	PT-1	PT-1	PT-1	PT-1	RB-1	NO CLG
1-103.2	MULTIPURPOSE ROOM 2	1083.78 SF	LVT TILES	PT-1	PT-1	PT-1	PT-1	RB-1	NO CLG
1-104	PANTRY	102.79 SF	CERAMIC TILES	PT-1/CT-1	PT-1/CT-1	PT-1/CT-1	PT-1/CT-1	-	NO CLG
1-105	MEN RESTROOM	119.30 SF	CERAMIC TILES	PT-1/CT-1	PT-1/CT-1	PT-1/CT-1	PT-1/CT-1	-	GYP. CLG/PT-1
1-106	WOMEN RESTROOM	120.12 SF	CERAMIC TILES	PT-1/CT-1	PT-1/CT-1	PT-1/CT-1	PT-1/CT-1	-	GYP. CLG/PT-1
1-107	MER	242.84 SF	POLISH CONCRETE	PT-1	PT-1	PT-1	PT-1	RB-1	NO CLG
1-108	JANITOR'S CL	16.25 SF	CERAMIC TILES	PT-1/CT-1	PT-1/CT-1	PT-1/CT-1	PT-1/CT-1	-	NO CLG

FLOOR FINISH SCHEDULE

SYMBOL	LOCATION	TYPE	MANUFACTURER	PRODUCT NUMBER/MODEL	COLOR	COMMENTS	CONTACT INFO
		6" Concrete					
		6" Concrete					
		6" Concrete					
		Finish-Ceramic Tile_12x24"					
		Finish-Ceramic Tile_12x24"					

WALL FINISH SCHEDULE

SYMBOL	LOCATION	TYPE	MANUFACTURER	PRODUCT NUMBER / MODEL	COLOR	REMARKS	CONTACT INFO

WALL BASE SCHEDULE

SYMBOL	LOCATION	TYPE	MANUFACTURER	PRODUCT NUMBER / MODEL	COLOR	REMARKS	CONTACT INFO

DESIGN DEVELOPMENT SET 03.26.2019

NEW YORK STATE OF OPPORTUNITY. DASNY
515 Broadway, Albany, New York 12207-2964
One Penn Plaza, 52 Floor, NY, NY 10119-0098
539 Franklin Street, Buffalo, NY 14202-1109
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THE LIRO GROUP
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28TH FLOOR
NEW YORK, NY, 10004
212.563.0280

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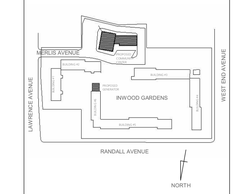
5 PENN PLAZA, 23RD FLOOR, NEW YORK, NY 10001
TEL.: 212.835.1616 WWW: YU-ASSOCIATES.COM

Project Key



REVISIONS

Rev No	Description	Date:
1	--	##/##/20##

Client
GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title
INWOOD GARDENS
255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title
DOOR, LOUVER & ROOM FINISH SCHEDULES

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

Seal & Signature

DASNY Project No: 3425609999
Drawing Number A-901.00
Drawing ### of ###

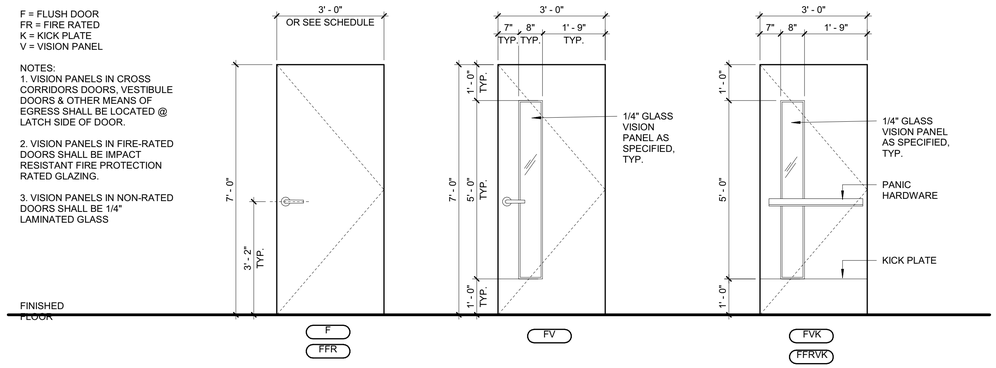
TYP. DOOR TYPES:

F = FLUSH DOOR
FR = FIRE RATED
K = KICK PLATE
V = VISION PANEL

NOTES:
1. VISION PANELS IN CROSS CORRIDORS DOORS, VESTIBULE DOORS & OTHER MEANS OF EGRESS SHALL BE LOCATED @ LATCH SIDE OF DOOR.

2. VISION PANELS IN FIRE-RATED DOORS SHALL BE IMPACT RESISTANT FIRE PROTECTION RATED GLAZING.

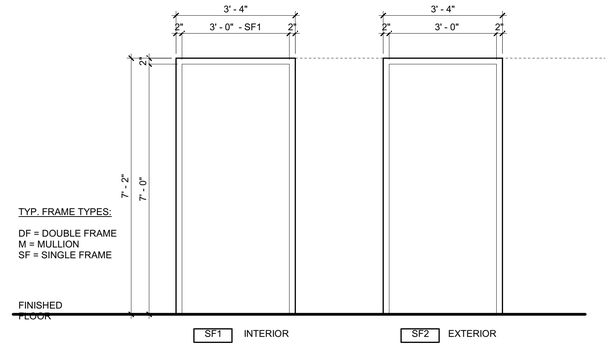
3. VISION PANELS IN NON-RATED DOORS SHALL BE 1/4" LAMINATED GLASS



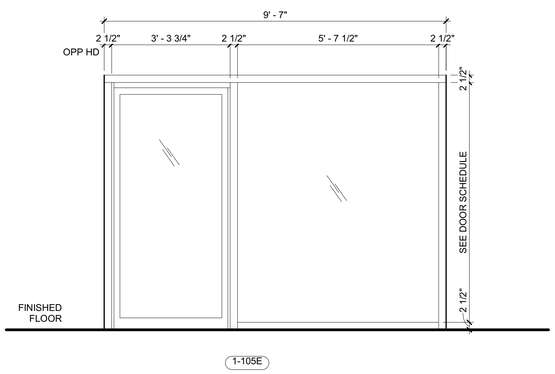
HOLLOW METAL DOOR ELEVATIONS

TYP. FRAME TYPES:

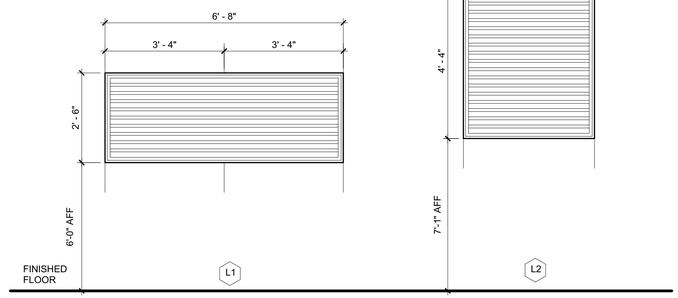
DF = DOUBLE FRAME
M = MULLION
SF = SINGLE FRAME



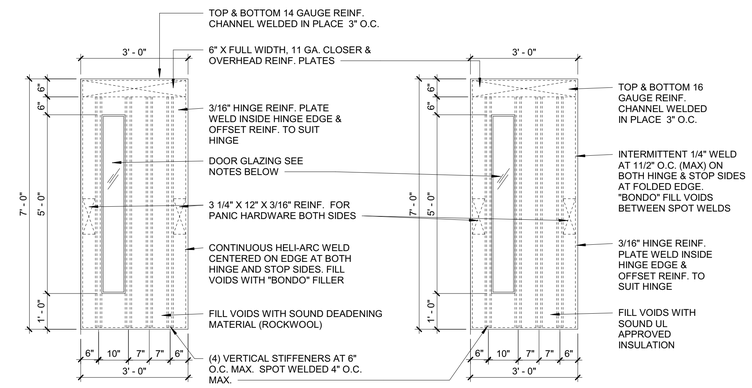
HOLLOW METAL DOOR FRAME ELEVATIONS



STOREFRONT ENTRANCE ELEVATIONS



EXTERIOR LOUVERS



HOLLOW METAL DOOR/EXTERIOR
TYPICAL CONSTRUCTION

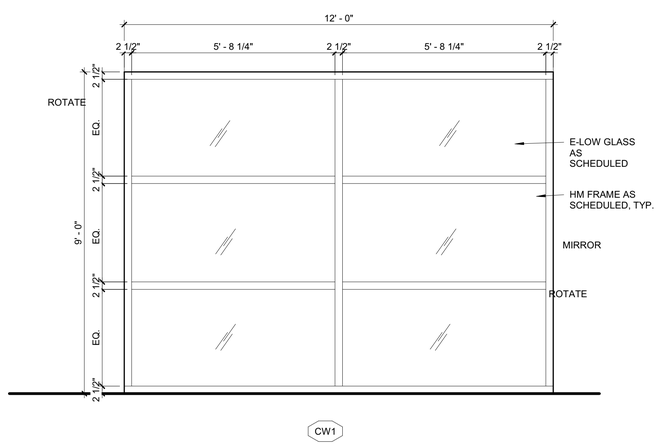
1. TOP OF DOORS SHALL BE WATER TIGHT.
2. EXTERIOR FINISH OF DOOR ASSEMBLY TO BE FREE OF DIMPLES.
3. ALL INDICATED GAUGES ARE BASED ON U.S. STANDARD GAUGE FOR HOT & COLD WELDED STEEL SHEETS. SEE DOOR SCHEDULE & SPECIFICATION FOR HARDWARE REQUIREMENTS.

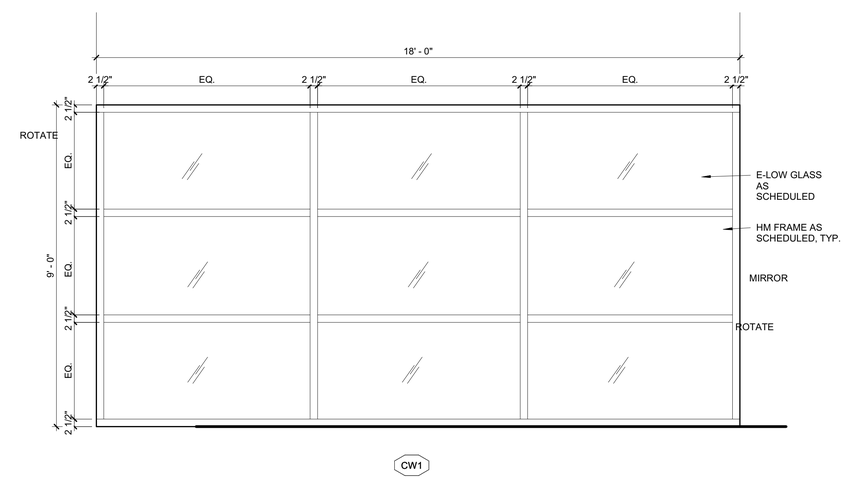
FINISH FLOOR TO CENTER LINE OF HARDWARE:

KNOB ON LOCK OR LATCH	38"
CROSS BAR ON FIRE EXIT DEVICE	38"
DOOR PULL GRIP	42"
PUSH-PULL BAR	42"

HOLLOW METAL DOOR/INTERIOR
TYPICAL CONSTRUCTION

1. THE GLAZING INDICATED IN THIS DETAIL IS FOR ILLUSTRATIVE PURPOSES ONLY. THE CONTRACTOR SHALL REFER TO DOOR ELEVATIONS AND DETAILS FOR THE REQUIRED GLAZING FOR EACH DOOR TYPE.
2. ALTHOUGH THE WIDTH OF DOORS MAY VARY THE SPACING OF STIFFENERS MAY NOT EXCEED 8" ON CENTERS.
3. UNIVERSAL DOORS ARE NOT ACCEPTABLE FOR ALL PROJECTS.
4. ALL INDICATED GAUGES ARE BASED ON U.S. STANDARD GAUGE FOR HOT ROLLED AND COLD ROLLED STEEL SHEETS.





STOREFRONT ELEVATIONS

SCALE 1/2"=1'-0"
0 2 4 6 8

DESIGN DEVELOPMENT SET 03.26.2019

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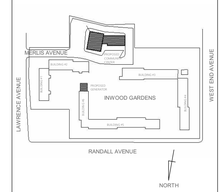
Project Key



REVISIONS

Rev.No	Description	Date:
1	--	##/##/20##

Client
GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title
INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title
DOOR & FRAME DETAILS

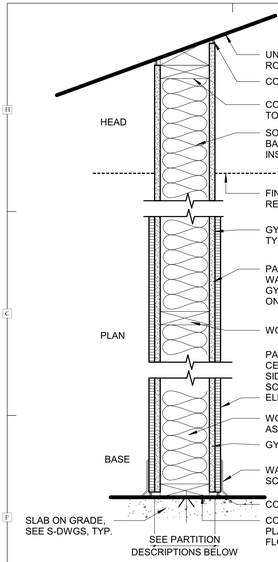
Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

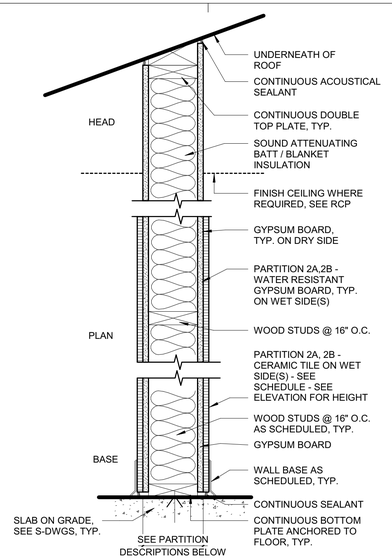
Drawing Number
A.902.00

Drawing ### of ###



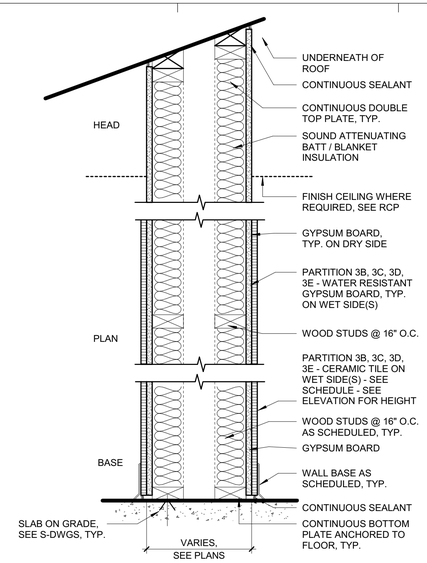
1A **NO RATING**
CERAMIC TILE OR PAINTING - SEE SCHEDULE
(1) LAYER 5/8" WATER RESISTANT GYP. BD. ON WET SIDE
6" WOOD STUDS
(1) LAYER 5/8" GYP. BD ON DRY SIDE

1B **NO RATING**
CERAMIC TILE OR PAINTING - SEE SCHEDULE
(1) LAYER 5/8" WATER RESISTANT GYP. BD. ON BOTH SIDES
6" WOOD STUDS

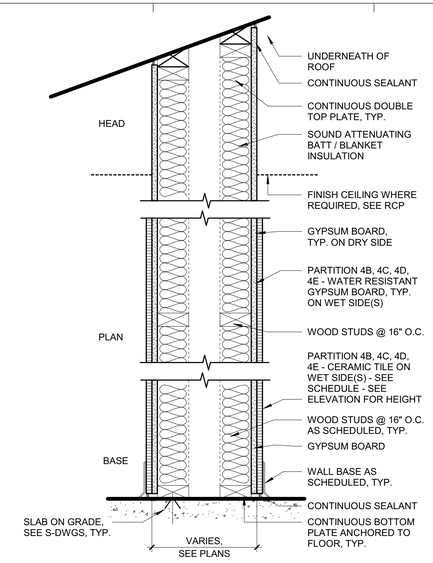


1 HR - UL DESIGN NO. U305

2A **1 HOUR RATING - STC-44**
CERAMIC TILE OR PAINTING - SEE SCHEDULE
(1) SOUNDBREAK TYPE X LAYER 5/8" WATER RESISTANT GYP. BD. ON WET SIDE
6" WOOD STUDS
SOUND ATTENUATING BATT / BLANKET INSULATION
(1) SOUNDBREAK TYPE X LAYER 5/8" GYP. BD ON DRY SIDE



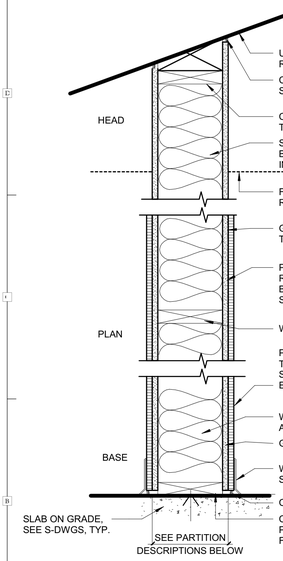
3A **NO RATING**
CERAMIC TILE OR PAINTING - SEE SCHEDULE
(1) LAYER 5/8" WATER RESISTANT GYP. BD. ON BOTH SIDES
4" WOOD STUDS



1 HR - UL DESIGN NO. U341

4A **1 HOUR RATING - STC-58**
CERAMIC TILE OR PAINTING - SEE SCHEDULE
(1) SOUNDBREAK TYPE X LAYER 5/8" WATER RESISTANT GYP. BD. ON WET SIDE
4" WOOD STUDS
SOUND ATTENUATING BATT / BLANKET INSULATION
(1) SOUNDBREAK LAYER 5/8" GYP. BD ON DRY SIDE

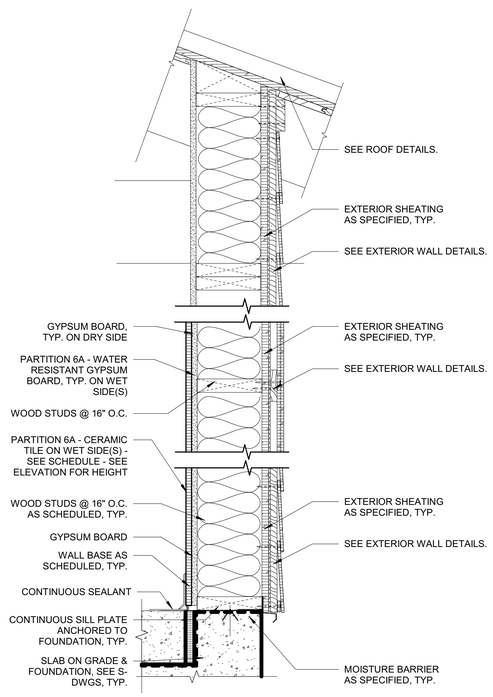
4B **1 HOUR RATING - STC-58**
CERAMIC TILE OR PAINTING - SEE SCHEDULE
(1) SOUNDBREAK TYPE X LAYER 5/8" WATER RESISTANT GYP. BD. ON BOTH SIDES
4" WOOD STUDS
SOUND ATTENUATING BATT / BLANKET INSULATION



1 HR - UL DESIGN NO. U305

5A **1 HOUR RATING - STC-58**
CERAMIC TILE OR PAINTING - SEE SCHEDULE
(1) SOUNDBREAK TYPE X LAYER 5/8" WATER RESISTANT GYP. BD. ON WET SIDE
6" WOOD STUDS
SOUND ATTENUATING BATT / BLANKET INSULATION
(1) SOUNDBREAK TYPE X LAYER 5/8" GYP. BD ON DRY SIDE

5B **1 HOUR RATING - STC-58**
8" WOOD STUDS
SOUND ATTENUATING BATT / BLANKET INSULATION
(1) SOUNDBREAK TYPE X LAYER 5/8" GYP. BD. EACH SIDE



6A **NO RATING**
8" WOOD STUDS
BATT / BLANKET INSULATION (R-20)
(1) LAYER 5/8" GYP. BD. ON DRY INSIDE(S)
(1) LAYER 5/8" WATER RESISTANT GYP. BD. ON WET SIDE(S)
(1) LAYER 5/8" SHEATHING ON OUTSIDE
SEE EXTERIOR WALL DETAILS FOR CONSTRUCTION.

NOTES:

1. SEE SPECIFICATIONS FOR TYPICAL WOOD STUDS AND SPACING. PROVIDE MINIMUM GAUGES BASED ON SPAN AS FOLLOWS:
   TYPICAL PARTITION - DEFLECTION L/240; LOAD 5 PSF
   SHAFT WALLS - DEFLECTION L/240; LOAD 7.5 PSF
   PARTTION WITH GLASS, TILE, SIM. - DEFLECTION L/360; LOAD 5 PSF
2. SEE SPECIFICATIONS FOR GYPSUM BOARD AND OTHER WALL BOARD TYPES, APPLICATIONS AND THICKNESSES UNLESS NOTED OTHERWISE ON THE DRAWINGS.
3. REFER TO THE LATEST EDITION OF UNDERWRITER'S LABORATORIES INC. FIRE RESISTANCE DIRECTORY FOR ADDITIONAL REQUIREMENTS ON UL RATED ASSEMBLIES AS NOTED IN THE PARTITION DESCRIPTIONS. WHERE UL# IS NOTED USE UL IN LIEU OF CHART ABOVE.
4. SOUND RATED PARTITIONS TYPES: ALL WALLS TO BE SOUND RATED AND REQUIRE SAFB (SOUND ATTENUATION FIRE BATT/BLANKET INSULATION) AND ACOUSTICAL SEALANTS.

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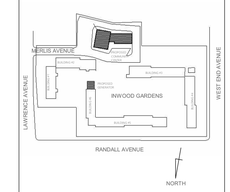

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1	---	##/##/20##

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64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title
INWOOD GARDENS
255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title
WALL PARTITION SCHEDULE

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

Drawing Number A-907.00

Drawing ### of ###

COM*check* Software Version 4.1.1.0

Envelope Compliance Certificate

Project Information

Energy Code:	2015 IECC
Project Title:	Inwood Gardens Community Center
Location:	Inwood (Nassau), New York
Climate Zone:	4a
Project Type:	New Construction
Vertical Glazing / Wall Area:	22%

Construction Site:
255 Lawrence Avenue
Inwood, NY 11516

Owner/Agent:
Governor's Office of Storm Recovery
64 Beaver Street
P.O. Box 230
New York, NY 10004

Designer/Contractor:
Liro Architects + Planners P.C.
1 State Street Plaza
28th floor
New York, NY 10004
212 563-0280

Additional Efficiency Package(s)

Enhanced Interior Lighting Controls

Building Area	Floor Area
1-Community Center (Town Hall) : Nonresidential	3703

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Floor - Concrete slab: Slab-On-Grade:Unheated, Horizontal with vertical 4 ft., [Bldg. Use 1 - Community Center](c)	315	---	10.0	0.640	0.540
Roof - Metal Roof: Insulation Entirely Above Deck, [Bldg. Use 1 - Community Center]	3703	---	30.0	0.032	0.032
NORTH					
Exterior Wall - Multi-Purpose North: Wood-Framed, 16" o.c., [Bldg. Use 1 - Community Center]	645	21.0	5.0	0.045	0.064
Storefront - Front: Metal Frame with Thermal Break:Fixed, Perf. Specs.: NFRC CPD-ID P-KAW-16086, SHGC 0.35, PF 0.10, [Bldg. Use 1 - Community Center]	419	---	---	0.366	0.380
Exterior Wall - Main Entrance: Wood-Framed, 16" o.c., [Bldg. Use 1 - Community Center]	154	21.0	5.0	0.045	0.064
Storefront Entrance: Metal Frame with Thermal Break:Fixed, Perf. Specs.: NFRC CPD-ID P-KAW-16086, SHGC 0.35, PF 0.67, [Bldg. Use 1 - Community Center]	39	---	---	0.366	0.380
Storefront Entrance Door: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID NA, SHGC 0.64, PF 0.67, [Bldg. Use 1 - Community Center] (b)	25	---	---	0.770	0.770
Exterior Wall - Front: Wood-Framed, 16" o.c., [Bldg. Use 1 - Community Center]	590	21.0	5.0	0.045	0.064
Storefront - Laundry: Metal Frame with Thermal Break:Fixed, Perf. Specs.: NFRC CPD-ID P-KAW-16086, SHGC 0.35, PF 0.17, [Bldg. Use 1 - Community Center]	108	---	---	0.366	0.380
Storefront - Meeting Area: Metal Frame with Thermal Break:Fixed, Perf.	162	---	---	0.366	0.380

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Specs.: NFRC CPD-ID P-KAW-16086, SHGC 0.35, PF 0.17, [Bldg. Use 1 - Community Center]					
EAST					
Exterior Wall - Multi-Purpose East: Wood-Framed, 16" o.c., [Bldg. Use 1 - Community Center]	587	21.0	5.0	0.045	0.064
Door 1: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID NA, SHGC 0.40, PF 0.17, [Bldg. Use 1 - Community Center] (b)	25	---	---	0.770	0.770
Door 2: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID NA, SHGC 0.40, PF 0.17, [Bldg. Use 1 - Community Center] (b)	25	---	---	0.770	0.770
Exterior Wall - Laundry: Wood-Framed, 16" o.c., [Bldg. Use 1 - Community Center]	79	21.0	5.0	0.045	0.064
Door - Laundry: Insulated Metal, Swinging, [Bldg. Use 1 - Community Center]	25	---	---	0.610	0.610
SOUTH					
Exterior Wall - Multi-Purpose South: Wood-Framed, 16" o.c., [Bldg. Use 1 - Community Center]	645	21.0	5.0	0.045	0.064
Storefront - Back: Metal Frame with Thermal Break:Fixed, Perf. Specs.: NFRC CPD-ID P-KAW-16086, SHGC 0.35, PF 0.13, [Bldg. Use 1 - Community Center]	117	---	---	0.366	0.380
Exterior Wall - Back: Wood-Framed, 16" o.c., [Bldg. Use 1 - Community Center]	693	21.0	5.0	0.045	0.064
Exterior Wall - Back Louver: Metal Building Wall, Single Layer Mineral Fiber (compressed at girt), [Bldg. Use 1 - Community Center]	17	0.0	0.0	1.180	0.052
WEST					
Exterior Wall - Multi-Purpose West Back: Wood-Framed, 16" o.c., [Bldg. Use 1 - Community Center]	52	21.0	5.0	0.045	0.064
Exterior Wall - Multi-Purpose West Front: Wood-Framed, 16" o.c., [Bldg. Use 1 - Community Center]	260	21.0	5.0	0.045	0.064
Exterior Wall - West: Wood-Framed, 16" o.c., [Bldg. Use 1 - Community Center]	430	21.0	5.0	0.045	0.064
Exterior Wall - West Louver: Metal Building Wall, Single Layer Mineral Fiber (compressed at girt), [Bldg. Use 1 - Community Center]	16	0.0	0.0	1.180	0.052

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES: Design 0.5% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____

COM*check* Software Version 4.1.1.0

Inspection Checklist

Energy Code: 2015 IECC

Requirements: 0.0% were addressed directly in the COM*check* software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR1][1]	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.4.1 [PR10][1]	The vertical fenestration area <= 30 percent of the gross above-grade wall area.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.4.1 [PR11][1]	The skylight area <= 3 percent of the gross roof area.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.4.2 [PR14][1]	In enclosed spaces > 2,500 ft2 directly under a roof with ceiling heights >15 ft. and used as an office, lobby, atrium, concourse, corridor, storage, gymnasium/exercise center, convention center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/sorting area, transportation, or workshop, the following requirements apply: (a) the daylight zone under skylights is >= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C406 [PR9][1]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2 [FO4][1]	Slab edge insulation installed per manufacturer's instructions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.2.1 [FO6][1]	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.2.5 [FO3][1]	Slab edge insulation R-value.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.6 [FO12][1]	Radiant heating systems panels insulated to >=R-3.5 on face opposite space being heated.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [FR12][1]	Fenestration products rated in accordance with NFRC.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.1.3 [FR13][1]	Fenestration products are certified as to performance labels or certificates provided.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.4.3 [FR10][1]	Vertical fenestration SHGC value.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.4.3, C402.4.3.4 [FR8][1]	Vertical fenestration U-Factor.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.4.4 [FR14][1]	U-factor of opaque doors associated with the building thermal envelope meets requirements.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.5.1.2.1 [FR19][1]	The building envelope contains a continuous air barrier that is sealed in an approved manner and material permeability <= 0.004 dfm/ft2. Air barrier penetrations are sealed in an approved manner.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.2, C402.5.4 [FR18][1]	Factory-built fenestration and doors are labeled as meeting air leakage requirements.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.7 [FR17][1]	Vestibules are installed on all building entrances. Doors have self-closing devices.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.5.5, C403.2.4.3 [ME3][1]	Stair and elevator shaft vents have motorized dampers that automatically close.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.5, C403.2.4.3 [ME5B][1]	Outdoor air and exhaust systems have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Check gravity dampers where allowed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Insulation Inspection	Complies?	Comments/Assumptions
C303.1 [IN3][1]	Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the roof slope is <=3 in 12.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.1 [IN10][1]	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.2 [IN7][1]	Above-grade wall insulation installed per manufacturer's instructions.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C303.2.1 [IN14][1]	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during Foundation Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.2.1 [IN17][1]	Insulation intended to meet the roof insulation requirements cannot be installed on top of a suspended ceiling. Mark this requirement compliant if insulation is installed accordingly.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.2.3 [IN6][1]	Above-grade wall insulation R-value.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.5 [IN8][1]	Floor insulation R-value.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.2.6 [IN18][1]	Radiant panels and associated components, designed for heat transfer from the panel surfaces to the occupants or indoor space are insulated with a minimum of R-3.5.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.2.2 [IN2][1]	Roof R-value. For some ceiling systems, verification may need to occur during Framing Inspection.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
C402.5.1.1 [IN1][1]	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C402.5.3 [FI51][1]	Where open combustion air ducts provide combustion air to open combustion fuel burning appliances, the appliances and combustion air opening are located outside the building thermal envelope or enclosed in a room, isolated from inside the thermal envelope. Such rooms are sealed and insulated.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.6 [FI37][1]	Weatherseals installed on all loading dock cargo doors.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C402.5.8 [FI26][1]	Recessed luminaires in thermal envelope to limit infiltration and be IC rated and labeled. Seal between interior finish and luminaire housing.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
C406.4 [FI54][1]	Enhanced digital lighting controls efficiency package: Interior lighting has following enhanced lighting controls in accordance with Section C405.2.2: Luminaires capable of continuous dimming and being addressed individually, <= 8 luminaires controlled in combination in a daylight zone, digital control system for fixtures. "Sequence of Operations" documentation, and functional testing per Section C408.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

DESIGN DEVELOPMENT SET 04.01.2019

NEW YORK STATE OF OPPORTUNITY. DASNY

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Beneficiary:

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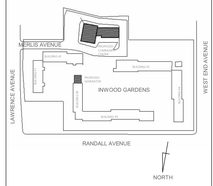
Project Key



REVISIONS

Rev.No	Description	Date:
1	---	##/##/20##

Client

GOVERNOR'S OFFICE OF STORM RECOVERY
64 BEAVER STREET, P.O. BOX 230
NEW YORK, NY, 10004

Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

ENERGY CODE COMPLIANCE - ENVELOPE, INSPECTIONS

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

Drawing Number

EN-007.00

Drawing ### *of* ###

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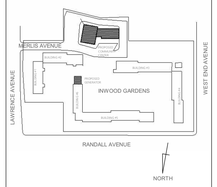
Project Key



REVISIONS

Rev No	Description	Date:
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Project Title

INWOOD GARDENS

255 LAWRENCE AVENUE
CITY INWOOD, NY 11516

Drawing Title

RENDERINGS

Drawn By:	Checked By:	Date:
Author	Checker	03/29/2019

Seal & Signature

DASNY Project No: 3425609999

Drawing Number

X-001.00

Drawing ### of ###

DESIGN DEVELOPMENT SET 04.01.2019

Negative Declaration Distribution List

Involved/Interested Agencies – Inwood Gardens Apartments

Involved

Ronnie W. Lawrence
Executive Director
Town of Hempstead Housing Authority
760 Jerusalem Ave
Uniondale, NY 11553

Town of Hempstead Building Inspector
One Washington Street
Hempstead, New York 11550

Interested

Ron Rausch, Director
Environmental Management Bureau
Office of Parks, Recreation and Historic Preservation
625 Broadway, 2nd Floor
Albany, New York 12238

Marlene White
Supervisor, Mitigation Projects
NYS Division of Homeland Security & Emergency Services
1220 Washington Avenue, Bldg 7A, Floor 4
Albany NY 12242

Ms. Sylvia A. Cabana
Hempstead Town Clerk
1 Washington Street
Hempstead, NY 11550