

Nichols Joint Fire Station Project
Environmental Assessment
October 3, 2017

Project Name: Nichols Joint Fire Station Project

Project Location: 106 West River Road, Nichols, New York 13812

HTFC SHARS #: N/A

Federal Agency: US Department of Housing and Urban Development
Responsible Entity: New York State Homes and Community Renewal

**Responsible Agency's
Certifying Officer:** Lori A. Shirley, Certifying Officer

Project Sponsor: Village of Nichols

Primary Contact: The Honorable Lesley Pelotte, Mayor
Village of Nichols
54 East River Road
Nichols, NY 13812

Project NEPA Classification: 24 CFR 58.36 (Environmental Assessment)

Environmental Finding:	<input checked="" type="checkbox"/> Finding of No Significant Impact - The project will not result in a significant impact on the quality of the human environment. <input type="checkbox"/> Finding of Significant Impact - The project may significantly affect the quality of the human environment.
Certification	The undersigned hereby certifies that New York State Homes and Community Renewal has conducted an environmental review of the project identified above and prepared the attached environmental review record in compliance with all applicable provisions of the National Environmental Policy Act of 1969, as amended (42 USC Sec. 4321 et seq.) and its implementing regulations at 24 CFR Part 58.
Signature	 Lori A. Shirley

**Environmental
Assessment Prepared By:** Alicia Shultz
Senior Environmental Scientist
New York State Homes & Community Renewal
Governor's Office of Storm Recovery
38-40 State St., 408N, Hampton Plaza, Albany, NY 12207

CERTIFICATION OF NEPA CLASSIFICATION

It is the finding of the New York State Housing Trust Fund Corporation that the activity(ies) proposed in its 2015 NYS CDBG-DR project NYS CDBG-DR project, Rotterdam Fire District #1 Firehouse Upgrades are:

Check the applicable classification.

- Exempt as defined in 24 CFR 58.34 (a).
- Categorically Excluded as defined in 24 CFR 58.35(b).
- Categorically Excluded as defined in 24 CFR 58.35(a) and no activities are affected by federal environmental statues and executive orders [i.e., exempt under 58.34(a)(12)].
- Categorically Excluded as defined in 24 CFR 58.35(a) and some activities are affected by federal environmental statues and executive orders.
- "Other" neither exempt (24 CFR 58.34(a)) nor categorically excluded (24 CFR 58.35).
- Part or all of the project is located in an area identified as a floodplain or wetland. For projects located in a floodplain or wetland, evidence of compliance with Executive Orders 11988 and/or 11990 is required.

For activities excluding those classified as "Other", attached is the appropriate Classification Checklist (Exhibit 2-4) that identifies each activity and the corresponding citation.



Signature of Certifying Officer
Lori A. Shirley
Certifying Officer

October 3, 2017

Date

CERTIFICATION OF SEQRA CLASSIFICATION

It is the finding of the New York State Housing Trust Fund Corporation that the activity(ies) proposed in its 2015 NYS CDBG-DR project NYS CDBG-DR project, Rotterdam Fire District #1 Firehouse Upgrades constitute a:

Check the applicable classification:

- Type I Action (6NYCRR Section 617.4)
- Type II Action (6NYCRR Section 617.5)
- Unlisted Action (not Type I or Type II Action)

Check if applicable:

- Environmental Impact Statement (EIS) Prepared
 - Draft EIS
 - Final EIS



Signature of Certifying Officer
Lori A. Shirley
Certifying Officer

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Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

The proposed project is located on a 0.5-acre parcel at the Nichols Volunteer Fire Department, at 106 West River Road, Nichols, New York. The proposed project is comprised of several component upgrades and improvements required for the firehouse to meet federal- and county-recommended standards as a functional emergency operations center for the Village and Town of Nichols, New York. All emergency vehicles and equipment will be stored at the renovated fire house. These upgrades and improvements include approximately 4,256 square feet of additional space to the existing firehouse. The addition and upgrades include a training room, community hall (multi-purpose area), mechanical room, gear room with washer and dryer, communications room, locker area, kitchen, ADA compliant bathrooms, three offices, multiple storage areas, eight truck bays, stairs to a mezzanine and a mezzanine; approximately 24 parking spaces; and a septic system (**See attached Site Plans**). The new mezzanine will include three offices and storage space. Two of the six new bathrooms will be equipped with showers. The attached plans show the proposed building layout which is subject to change during the finalization and public review of the plans and permitting processes. The project would be constructed on the existing Nichols Volunteer Fire Department property. The proposed plans include an approximately 9,000 square feet asphalt driveway and parking area. No land acquisition is anticipated. No new fuel storage is proposed and a new septic system will be installed in accordance with local and state requirements. The facility is served by existing electric, public water and storm drainage system and a fuel oil powered backup generator. An existing 1,000 gallon fuel oil above ground storage tank provides fuel oil to the existing heaters and generator.

The proposed construction will include a steel framed building. The final total square footage will be approximately 8,282 square feet. The septic system will include a 1,500-gallon concrete tank with 750-gallon grease trap and will be constructed in accordance with local and state septic system requirements and permitting conditions. The initial draft septic plans are shown on sheets C1 and C2 of attached plans. All storm water will be directed to existing storm sewers. Electronics and equipment will be elevated.

The eight truck bays will be used for the storage of 6 fire trucks including a ladder truck. The trucks will be backed into the truck bay. One of the bays will be used to store an emergency boat and trailer. The fire station has access to public water.

No new employees or significant increased levels of traffic is anticipated in response to the fire house addition and upgrade. Traffic will more efficiently move and out of the fire station with the increased size. The fire station may be used more frequently for small meetings that are anticipated to increase traffic levels. The increased number of truck bays will provide more space for four more fire trucks that will be used intermittently.

The proposed improvements include:

- Minor earthwork
- Potential utility relocation
- Foundation construction and installation
- Ingress/egress to site to include onsite parking

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- Onsite drainage improvements

Other improvements incorporate mechanical, electrical, and plumbing upgrades. Mechanical improvements to the interior environment of the firehouse include the installation of an energy efficient air conditioning system, heater, a roof mounted exhaust fan at the kitchen stove, and exhaust fans for toilet rooms. An oil separator will be provided for floor drains in the garage. A 12-inch vehicle exhaust ducted stack with anti-draft will construction in the truck bays.

Removal of existing building components would be required to make the proposed changes.

Additional site work would include grading the new parking area, installing concrete sidewalks and curbs, and adding topsoil and seeding disturbed areas to establish a lawn.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

Hurricane Irene and Tropical Storm Lee inundated the Village of Nichols with storm water in 2011 and deposited large amounts of debris into the Susquehanna River. The extreme rains associated with Hurricane Irene and Tropical Storm Lee caused the groundwater to rise and flooding the village. This put fire, emergency rescue and medical and other emergency services at risk and negatively impacted the command center equipment that keeps the Town and Village connected to the Tioga County Emergency Management Office. This project provides for the expansion to the existing joint fire station building to serve the Town and Village of Nichols. The project will expand the facility to house modern emergency response vehicles and provide meeting, storage and office space. The project will also improve public safety and first responder/firefighter capability during storm events.

The existing building is located within the Village of Nichols' levee system, which currently has provisional accreditation; however, the Village of Nichols is currently working to obtain full and permanent accreditation, thereby protecting the existing Joint Fire Station from potential flooding. The Village has an accepted CDBG-DR application to complete a levee study and improvements to identify and correct deficiencies in the levee and obtain US Army Corps of Engineers (USACE) levee certification and FEMA levee accreditation. The levee study and design improvements for certification and accreditation have been completed and the accreditation has been submitted to FEMA.

The Joint Fire Station will mitigate against perils during or after a disaster or storm event by allowing continuity of emergency services, coordination with the Tioga County Emergency Management Office and protection of emergency and rescue equipment. This project will contribute to the Village of Nichols' recovery from the storm event and help protect them in the years ahead.

The current fire station does not have the capacity to store modern sized fire trucks and there are no training or community rooms for the village or town to hold emergency responder training, meetings or provide emergency shelter. The new training room will provide trainers access to the fire department equipment used in training required for emergency responders. The kitchen will provide food services to emergency responders and a temporary resource during emergency

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sheltering. The community room will be multi-purpose and will be used as a temporary shelter during emergencies and potentially for food and water staging. The fire station is currently equipped with a fuel oil powered backup generator which will provide energy supply to the station during power outages. The station is heated by a 1,000 above ground fuel oil tank.

The project beneficiaries include the Village and Town of Nichols, New York. The Village anticipates the benefit of the project will be an improvement to public safety and first responder effectiveness, improvement in firefighter response to storm events, increased protection of high-value communications equipment and improving Nichols's ability to serve vulnerable populations requiring rescue and assistance during floods. The Joint Fire Station Project is identified in the 2014 Tioga County NY Rising Community Reconstruction Plan (NYRCR). The implementation of this project is feasible within the CDBG-DR funds available to the Village of Nichols for recovery through the NYRCR program. The Village's officials and residents fully support the proposed project.

Existing Conditions and Trends [24 CFR 58.40(a)]:

The Town of Nichols is a rural community located in the Southern Tier Region of New York State. The Town, established in 1824, encompasses approximately 34 square miles and shares its entire northern border with the Susquehanna River and its southern border with Bradford County, Pennsylvania. The Town is easily accessible by the Southern Tier Expressway (NYS 17/I- 86), Main Street (NYS Route 282), and East and West River Roads. Major employers in the Town of Nichols are the Best Buy Warehouse/Distribution Center and Tioga Downs Casino, Racing and Entertainment (Tioga Downs). Other key employment includes the agriculture and gravel mining industries.

The Town has experienced a relatively stable population during the past decade, which has helped to preserve the small-town feel of the community. In 2010, the U.S. Census reported the population of the Town of Nichols as 2,525 residents. This represents a 59-person decrease from the 2,584-person population reported in 2000. The median age of community residents was 41.6 years, slightly less than the 42.6 years of age reported for the County. The 2010 census also reported the Town population as predominately white (96.2%), the median household income as \$47,009 (slightly less than the County figure of \$53,789 and the NYS reported figure of \$56,951), and that approximately 81.6% of the Town's housing units were owner occupied and the remaining 18.4% were rentals.

While the population is somewhat stable and the household income is slightly less than Tioga County, it is important to preserve the existing community structure and to enhance the economy. A stable or increasing population and increased wealth will ensure long-term sustainability.

The Town of Nichols is currently guiding its local land use decisions based on the following plans and local land use laws: Town of Nichols Zoning Ordinance, Flood Damage Prevention Local Law, and the 2011 Nichols Agriculture and Farmland Protection Plan. In 2006, the Town completed the Greater Nichols 2020 Plan (a comprehensive plan). Although a document was completed, the Town Board still has not officially adopted the 2020 Plan.

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The Town of Nichols contains the Village of Nichols. The village is a hamlet of about 512 inhabitants located half way between the east and west lines of the Town of Nichols on the Susquehanna River at the mouth of Wapasening creek. The village is 0.5 square miles. The Southern Tier Expressway and New York State Route 282 pass through the village. As of the census there were 213 households and 152 families residing in the village. The population density was 1,123.9 people per square mile.

The Village of Nichols, which is approximately a quarter square mile area, is in the heart of the Town and serves as the community's "Downtown", providing restaurants, a hardware store, banks, a general store, and other similar uses. It is protected by a levee system that was constructed in 1972 by the U.S. Army Corps of Engineers (USACE). The Village is surrounded to the west, south, and east by forested and agricultural land. It is also home to Kirby Park, a popular recreation area located along the west bank of the Wappasening Creek. The Village of Nichols has an adopted Comprehensive Plan.

Funding Information

Estimated Total HUD Funded Amount: \$1,155,000

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$1,155,000

Compliance with 24 CFR 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

<p>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6</p>	<p>Are formal compliance steps or mitigation required?</p>	<p>Compliance determinations</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6</p>		
<p>Airport Hazards 24 CFR Part 51 Subpart D</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Based on HUD guidance in Fact Sheet #D1, the National Plan of Integrated Airport Systems (NPIAS) was reviewed for civilian, commercial service airports near the Project site, as projects within 2,500 feet of a civil airport or 15,000 feet of a military airport require consultation with the appropriate airport operator or confirmation that the site is not within a designated Runway Protection Zone/Clear Zone (RPZ/CZ). No active civil airports are within 2,500 feet of the Project site. The Project is not within 15,000 feet of any military airport. (See Appendix A, Figures, Airports.)</p>
<p>Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not in a Coastal Barrier Resources Act area as defined by the state’s Coastal Zone Management Program. (See Appendix A, Figures, Coastal Barrier Resources.)</p>
<p>Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not within a Special Flood Hazard Area (SFHA), as indicated on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Community Panel Number 36107C0388E dated April 17, 2012 (See Appendix A,</p>

		<p>Figures.) The existing building is located within the Village of Nichols' levee system, which currently has provisional accreditation; however, the Village of Nichols is currently working to obtain full and permanent accreditation, thereby protecting the existing Joint Fire Station from potential flooding.</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5</p>		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not included in the most recent listing of nonattainment or maintenance areas for inhalable particulate matter (PM2.5) or the 2008 8-hour ozone standard, as defined by the US Environmental Protection Agency (EPA) Green Book Nonattainment Areas for Criteria Pollutants. It is listed as Marginal for the 1997 8-hour ozone standard.</p> <p>The Project would not require an NYS Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit. The Project activities would not substantively affect air quality.</p> <p>The Project size is consistent with the New York State Implementation Plan (SIP).</p> <p>Implementation of standard best management practices (BMP) would control dust and other emissions during construction. Air quality impacts would be short term and localized. Air quality effects of permanent increases in traffic would be minimal. (See Appendix A, Figures.)</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site is not in a coastal zone as defined by the state's Coastal Zone Management Program. (See Appendix A, Figures.)</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project site has been previously disturbed with parking and an operational fire station. Based on interview with town officials, no hazardous or solid waste</p>

		<p>storage is evident on the site other than normal trash was daily operations and maintenance. The Project would not expose new populations to hazardous or nuisances because no new populations would reside on the Project site.</p> <p>The station has an above ground 1,000-gallon fuel oil tank that is regularly inspected and there are no records of spills from the tank. A 100-gallon propane tank provides propane to the kitchen stove.</p> <p>A search of the New York State Department of Environmental Conservation (NYSDEC) Bulk Storage Program Database identified inactive, active and closed petroleum bulk storage facilities within 1 mile of the Project site (See Appendix A, Figures.) The facility has no violations and therefore, does not pose a threat to the project location.</p> <p>A search of the NYSDEC Remedial Site Database that contains records of the sites being addressed under one of DER's remedial programs (State Superfund, Brownfield Cleanup, Environmental Restoration and Voluntary Cleanup, the Registry of Inactive Hazardous Waste Disposal Sites, and Institutional and Engineering Controls), identified one State Superfund Program hazardous waste sites near the project location (See Appendix C). The site, South Main Street Dry Cleaning, used the solvent tetrachloroethylene (PCE) in a dry-cleaning machine housed in a small laundromat located at 37 South Main Street in the middle of the Village of Nichols. After it was used, the spent PCE went into an on-site dry well located behind the laundromat. The PCE eventually leaked into the groundwater beneath the. The maximum concentration of PCE found during the</p>
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	<p>sampling was 220 parts per billion (ppb). PCE levels of 3.5 ppb and 1.0 ppb were detected in two nearby residential drinking water wells respectively. In June of 2000 groundwater analysis showed that the PCE contaminant levels in the plume diminished to levels below groundwater standards for PCE in all but one location which is at 18 ppb. A "No Further Action" ROD was signed in March, 2002, recommending decommissioning of the monitoring wells and that the site be de-listed from the Registry. The groundwater plume does not pose a threat to the project location because of the low concentrations of PCE detected in groundwater. NYSDEC database states, <i>there are no remaining environmental problems associated with the disposal of hazardous waste at this site.</i></p> <p>EPA's NEPAAssist mapping tool did not identify any EPA-regulated facilities within 1 mile of the Project site. (See Appendix C)</p> <p>Asbestos and Lead-Based Paint</p> <p>The Fire Station was constructed before 1978. Because of the age of the building an asbestos and lead-based paint survey will be conducted before demolition and renovation activities.</p> <p>In accordance with 12 NYCRR 56, no renovation/demolition work will be commenced by any owner or agent prior to completion of asbestos abatement performed by a licensed asbestos abatement contractor. NYSDOL regulations require that the ACM that will be disturbed by the demolition be removed prior to demolition. If suspect ACM not identified in the pre-demolition asbestos survey report is discovered during the renovation/demolition process, the presence, quantity, and location of the newly discovered materials will be conveyed</p>
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		<p>within 24 hours to the building owner. Activities in the area of the ACM will cease immediately until a licensed asbestos contractor appropriately assesses and manages the discovered materials. Any surface coated with paint is considered to contain some percentage of lead, based on the age of the building. Any alteration and/or repair, including painting and decorating shall meet the requirements of the Occupational Safety and Health Administration (OSHA) Construction Lead Standard (29 CFR 1926.62). Contractors will be alerted to the fact that the paint coating on surfaces in this Project is likely to contain lead, and contractors of each trade will be required to submit their written lead program prior to the start of work. The plan must identify potential sources of lead exposure and propose specific procedures to protect workers from those exposures.</p> <p>According to the EPA, the Project site is in Radon Zone 1, where the predicted average indoor radon screening level is greater than 4 picoCuries per liter (pCi/L), the highest potential for elevated indoor radon levels. A vapor barrier will be installed to prevent radon gas from entering the new portions of the building and radon survey will be completed to determine interior radon levels. If radon is detected at or above 4 pCi/L, a radon mitigation system will be installed.</p> <p>HUD regulations at 24 CFR 50.3(i) and 58.5(i)(2) require all property to be free of contamination where a hazard could affect the health and safety of occupants or conflict with the intended use of the property. Section 50.3(i) states that "It is HUD policy that all property proposed for use in HUD programs be free of hazardous</p>
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		<p>materials, contamination, toxic chemicals and gasses, and radioactive substances, where a hazard could affect the health and safety of occupants or conflict with the intended utilization of the property”. All testing and mitigation must be done prior to occupancy.</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No <input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>On August 3, 2017, NYSDEC provided a jurisdictional review of the project activities including a search for state-listed species. The review included a map of known Indiana Bat and Northern Long-eared Bat (NLEB) hibernaculum and maternity roosts. No hibernaculum or maternity roosts were identified within 5-miles of the project location (see Appendix D). The review stated that the available information in the New York Natural Heritage Program (NY NHP) database did not identify any known occurrences of rare or state-listed bat species and the project area does not occur in the immediate vicinity of known occurrences of rare or state-listed bat species. The major concern for bat species in relation to this project would be the destruction of potential roosts and roosting habitat that may occur if tree clearing is required. Because this project does not take place within known occupied habitat, there are no restrictions on cutting.</p> <p>On August 2, 2017, GOSR requested a NY NHP database search for NYS rare species and natural community types. On August 7, 2017, NHP responded that there were no records of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity.</p> <p>Based on the August 2, 2017 USFWS IPaC resource list for the project area, the threatened NLEB and migratory birds are the</p>

		<p>only species under the USFWS jurisdiction that could be impacted by project activities. On August 11, 2017 GOSR notified the US Fish and Wildlife Service (USFWS) of GOSR’s determination that due to the potential for active season tree removal, 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 and that the project activities would have no impact on migratory birds within the project area. The full consultation is provided in Appendix D. The project includes the removal of two mature trees.</p>
<p>Explosive and Flammable Hazards 24 CFR Part 51 Subpart C</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>No changes in operations would occur. There would be no changes in the population that would be present on the site that could introduce sensitive public uses at the site that could be exposed to explosive or flammable hazards. The facility has an existing 1,000-gallon above ground fuel oil tank and a 100-gallon propane tank.</p>
<p>Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The soils at the Project site are identified as Prime Farmland soils; however, they are not within a New York state agricultural district. The Project site has been disturbed and is used as a parking area. The Project falls under the Farmland Protection Policy Act small acreage exemption of 3 acres or less because the area of disturbance is limited to no more than 0.5 acre. According to Part 523.11 E of the Farmland Protection Policy Act (FPPA) Manual, an AD 1006 Farmland Conversion Impact Rating Form and evaluation is not required for this Project, and it is exempt. (See Appendix A, Figures.)</p>
<p>Floodplain Management</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project site is not in in an SFHA, as shown on the FEMA FIRM Community Panel Number 36107C0388E, dated April 17, 2012. (See Appendix A, Figures.)</p>

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<p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>		
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800; Tribal notification for new ground disturbance.</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Consultation with the New York State Office of Parks, Recreation and Historic Preservation's Division for Historic Preservation (OPRHP), also known as the New York State Historic Preservation Office (SHPO) was initiated on August 8, 2017. SHPO responded on August 10, 2017 that it is the opinion of SHPO that there will be no historic properties affected by the proposed undertaking. (See Appendix E, SHPO Correspondence)</p> <p>The Cayuga Nation of New York, Onondaga Nation, and the Seneca-Cayuga Nation were contacted as possible consulting parties. Each was sent a letter on April 22, 2016, with the site description, photographs, site plan, and map. No responses were received. (See Appendix F, Tribal Correspondence)</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There would be no changes in the population that would be present on the site, so there would be no change in exposure for noise-sensitive populations.</p> <p>The noise levels at the existing fire station are not expected to be increased. With the addition of truck bays and meeting rooms, more traffic may be associated with the existing fire station but the increase in traffic is estimated to be limited. No new consistent source of noise will be introduced.</p>
<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Project area is within the bounds of the Clinton Street Ballpark, a Sole Source Aquifer (SSA). (See Appendix G, Sole Source Aquifer.)</p> <p>Consultation with the EPA was initiated on August 2, 2017. On August 29, 2017, the EPA responded that the project will not</p>

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		pose a significant threat to public health or ground water resources and complies with Section 1424(e) of the Safe Drinking Water Act (SDWA). EPA requested that training exercises using perfluoro compounds (PFCs) be strictly avoided. (See Appendix G , Sole Source Aquifers.)
Wetlands Protection - Executive Order 11990, particularly sections 2 and 5	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	The Project site is not on or adjacent to wetlands, as identified by NYSDEC and NWI (See Appendix A , Figures.)
Wild and Scenic Rivers - Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	There are no state or federally designated wild and scenic rivers at or near the project (See Appendix A , Figures.)
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	The Project site is not in or adjacent to areas with environmental justice populations, as defined by NYSDEC based on data from the 2000 U.S. Census (See Appendix A , Figures.)

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Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	<p>The Project will not require acquisition of new land. The Project site property is currently owned by the Town of Nichols and is an active fire station.</p> <p>The Joint Fire Station Project is identified in the 2014 Tioga County NY Rising Community Reconstruction Plan (NYRCR). The implementation of this project is feasible within the CDBG-DR funds available to the Village of Nichols for recovery through the NYRCR program. The Village’s officials and residents fully support the proposed project. There are no zoning laws in the Town of Nichols where the Joint Fire Station is located.</p>
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	3	<p>The Project site is relatively flat, with less than 5 percent slope, and is in a semi-developed setting (See Appendix H, Topographic Map). The site will require grading and compaction for the site improvements, including building foundations, stormwater features, and paved parking areas. The Project would not result in impacts to slope or create a source of erosion on or off the site. The addition would connect to the existing water, sewer, and storm drain utilities. Redevelopment of the Project site would</p>

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		<p>not create stormwater runoff that would adversely affect these drainage systems.</p> <p>The soil at the site (Tioga silt loam) is not limited for construction purposes. According to the USDA soil survey, Tioga silt loam have a low concrete corrosion, high potential soil-induced electrochemical or chemical action that corrodes or weakens steel and a high potential for corrosion of uncoated steel. They are poorly suited to mechanical surface preparation but are only somewhat limited for gravel and paved roads.</p> <p>A State Pollutant Discharge Elimination System (SPDES) General Stormwater Permit would not be required because the amount of ground disturbance at the site would be less than 1 acre.</p> <p>The increase in impervious surface on the site would be the approximately 4,500-square feet.</p>
<p>Hazards and Nuisances including Site Safety and Noise</p>	<p>2</p>	<p>The Project site is in areas affected by Hurricane Irene and Tropical Storm Lee, but, it is not in a 100- or a 500-year flood hazard area. No other known natural hazards, including earthquake fault zones, landslide zones, or hazardous terrain, are at or near the Project site.</p> <p>The Project would generate noise during construction that would be minimized through compliance with local noise ordinances, including time-of-day work limitations. Exterior construction activities would take place during normal working hours and would employ commonly accepted engineering and administrative controls that would minimize noise impacts to neighbors. Interior construction activities would have negligible impact to neighbors.</p>
<p>Energy Consumption</p>	<p>2</p>	<p>The electrical and lighting plan is provided in the attached plans, sheets E1 and E2.</p> <p>Light-emitting diode (LED) lighting would be provided through the new addition. Lighting levels would be based on current Institute of Electrical and Electronics Engineers (IEEE) recommendations.</p> <p>A 100-gallon propane tank provides propane to the kitchen stove and a 1,000-gallon fuel oil tank provides fuel oil to the furnace and backup generator.</p>

Nichols Joint Fire Station Project

	<p>The Project will not result in additional energy consumption because the renovated Joint Fire Station will replace the functions currently performed in existing facilities. The new facility will use more modern and energy-saving building materials and practices. Some energy savings may be realized. No impacts on existing nearby suppliers will occur.</p>
--	--

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	There would be a temporary minor increase in employment during construction and no increase in long-term employment.
Demographic Character Changes, Displacement	2	There would be no changes to residential or employment patterns or demographics due to this Project. Because the Project would not increase housing or long-term employment, no population changes would result. No residents or businesses would be displaced. There would be no demographic character changes or displacement impacts.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	Because the Project involves no changes in population, there would be no impact on demand for educational or cultural facilities.
Commercial Facilities	2	Because the Project involves no changes in population, there would be no impact on demand for commercial facilities.
Health Care and Social Services	2	Because the Project involves no changes in population, there would be no impact on demand for health care and social services.
Solid Waste Disposal / Recycling	2	The project would modify existing facilities that currently operate at the site. There would be no increase in solid waste disposal or recycling from normal operations. Construction would result in a temporary increase in solid waste. Construction debris would primarily be materials left over from construction. These include wood, piping,

Nichols Joint Fire Station Project

		appliances, and other materials commonly used in construction that would be recycled as appropriate. Asbestos-containing and lead-based paint construction debris would be disposed of at a permitted municipal solid waste landfill in accordance with the requirements of 6 NYCRR 360-2.17(p) and by a transporter with a valid New York State Part 364 Waste Transporter Permit in accordance with 6 NYCRR Part 364.
Waste Water / Sanitary Sewers	1	No expansion of the sanitary sewer system would be required. The Project site is currently served by a private on-site septic system. The Project would not place a demand on a public sewer system.
Water Supply	2	The Project will not place additional demand on a public water system because demand at the existing facility is served by the Town of Nichols Municipal water system.
Public Safety - Police, Fire and Emergency Medical	1	Because the Project involves no changes in population, no impact on demand for police, fire, or emergency medical services will occur. Use of the Project facility by emergency services during flooding will benefit residents of the Village and Town.
Parks, Open Space and Recreation	2	Because the project involves no any changes in population, there would be no impact on demand for parks, open space, or other recreational facilities.
Transportation and Accessibility	2	Because the project involves no changes in population, there would be no impact on use of transportation. Accessibility would be maintained during construction. If construction traffic would affect adjacent roads, the applicant would coordinate with local transportation authorities to identify alternate routes or time-of-day mitigations to reduce potential temporary increases in vehicular traffic during construction.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The project is on mostly developed land in an existing rural area and contains no unique natural features or water resources.

Nichols Joint Fire Station Project

Vegetation, Wildlife	2	<p>Consultation with the USFWS revealed that the proposed endangered NLEB may occur within the boundary of or may be affected by the Project. Several migratory birds of concern that could be affected by the proposed Project also were identified during the online review process. GOSR provided the USFWS with a letter documenting the Endangered Species Act review and requesting informal consultation. GOSR determined that this Project may affect the NLEB, but that any resulting incidental takes of NLEBs are not prohibited by the final 4(d) rule. USFWS did not respond within the 30-day limit with objections to the determination. GOSR determined that this Project will have “No Effect” on migratory birds, or critical habitat for species under USFWS jurisdiction. (See Appendix D, USFWS, NYSDEC, and NYNHP Correspondence.)</p>
Other Factors	2	<p>No additional factors would be impacted by the project, and no additional impacts would occur.</p>

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

1. New York State. 2013. State of New York Action Plan for Community Development Block Grant Program Disaster Recovery (Action Plan, issued April 25, 2013, amended July 3, 2013). New York State. 2013.
2. United States Environmental Protection Agency (EPA). Green Book Nonattainment Areas. Internet Website: <http://www.epa.gov/oaqps001/greenbk/ancl.html>.
3. New York State Department of Environmental Conservation (NYSDEC). Bulk Storage Database Search. Internet Website: <http://www.dec.ny.gov/cfm/external/index.cfm?pageid=4>.
4. NYSDEC. Environmental Site Remediation Database Search. Internet Website: <http://www.dec.ny.gov/cfm/external/index.cfm?pageid=3>.
5. United States Department of Housing and Urban Development (HUD). Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (2012 Edition). Internet Website: http://portal.hud.gov/hudportal/HUD?src=/program_offices/healthy_homes/lbp/hudguidelines.
6. United States Department of Agriculture. Natural Resources Conservation Service. Internet Website: <http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>.
7. New York Rising Community Reconstruction (NYRCR). 2014. NY Rising Community Reconstruction Plan, Tioga. March. Internet Website: https://stormrecovery.ny.gov/sites/default/files/crp/community/documents/tiogacounty_nyrcr_plan.pdf

List of Appendices

- Appendix A Figures
- Appendix B Site Plans
- Appendix C Hazards
- Appendix D USFWS and NYNHP Correspondence
- Appendix E SHPO Correspondence and Phase IA/IB Archeological Investigation
- Appendix F Tribal Correspondence
- Appendix G Sole Source Aquifers
- Appendix H Topographic Map

List of Permits Obtained or Required:

- A NYSDEC State Pollution Discharge Elimination System (SPDES) general permit for stormwater discharges from construction activity
- Stormwater permit if great than one acre is disturbed.

List of Other Approvals Obtained or Required:

- State Environmental Quality Review Act (SEQRA) Unlisted evaluation

Public Outreach [24 CFR 50.23 & 58.43]:

On October 11, 2017, a combined Notice of Finding of No Significant Impact and Intent to Request Release of Funds was published in the Tioga County Courier. Any individual, group, or agency may submit written comments on the Environmental Review Record to:

Lori A. Shirley, GOSR, HCR
38-40 State Street
Albany, NY 12207
(518) 474-0755
NYSCDBG_DR_ER@nyshcr.org

Cumulative Impact Analysis [24 CFR 58.32]:

The Project is not expected to trigger cumulative impacts, including degradation of important natural resources, socioeconomic resources, human health, recreation, quality of life issues, and cultural and historic resources. The Project is not of a scale large enough to contribute significantly to cumulative impacts. It will create positive impacts, as it will provide the Village and Town of Nichols with municipal facilities better configured for operations during future storm events.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]

Proposed Project. As fully described in this Environmental Assessment,

Alternative Sites Alternative. The only alternative is to completely relocate the firehouse to an alternative site because the existing facility is undersized to meet need. The existing location was specifically identified in the NY Rising Community Reconstruction (NYRCR) Plan for Tioga County. The NYRCR plan identifies the fire station as critical to new development and redevelopment that is resistant to flood damage and protective of critical facilities in the Tioga Community and is an important project for enhancing flood disaster mitigation, preparedness, and response and recovery efforts in both a local and regional capacity. The existing location already has community investment, and emergency medical services are already established at the existing location. Relocation to an alternative site would be limited by the presence of floodplains in the area. Developing other properties in Town that could be suitable would require purchase, and

Nichols Joint Fire Station Project

complete replacement of the firehouse would be more expensive than an addition at the existing facility.

One alternative site evaluated was located at the Firehouse east of the village in Lounsberry. Placing the Firehouse in this location would severely reduce the response time to the western section of the fire district.

A second alternate location was to the south of the village; this property was deemed cost prohibitive.

The proposed project location is centrally located and allows response to both the eastern and western sections of the fire district in an acceptable time frame. Another consideration for this location is that the property is owned by the Fire Department and would not require a land purchase.

No Action Alternative [24 CFR 58.40(e)]:

Not undertaking the Project would not be consistent with the goals and objectives of the Tioga County NYRCR plan and other local and state plans. The town would not develop a key component of the resilient infrastructure it needs to function during emergency situations. Without the project, the risk of impairment or loss of critical fire and rescue facilities would continue to place the lives of community members affected by flooding in jeopardy. Under the No Action alternative, the town's goals to strengthen capacity of emergency and support services to respond during a major storm event and manage resources throughout recovery would be limited. The Nichols Joint Fire Department District serves as the center of emergency operations for the Village and Town of Nichols. The capacity of the firehouse was compromised during the storms due to the lack of space and supplies. Enhancement of the firehouse facilities and grounds will strengthen disaster response.

Summary of Findings and Conclusions:

The Project would be an appropriate use of the Project site. The position of the town and village is that the project would enhance the resilience of the Village and Town of Nichols by ensuring that critical fire and rescue facilities would be available during emergencies, including floods, and for fire response. Impairment or loss of critical fire and rescue facilities would place the lives of community members affected by a major storm event in jeopardy. The Project would not significantly alter the character or resources of the area. It would result in potential benefits by allowing the firehouse to maintain its operational capability and function as an emergency shelter. The fire services to the community would be enhanced. Other public services, including public safety, police, and emergency medical services, would be beneficially impacted during times of emergency by the improvements to the firehouse to assist with emergency operations and support area. The proposed Project would not result in a significant impact on the quality of the human environment or result in other direct, indirect, or cumulative impacts. The Project would comply with all relevant regulations listed in 24 CFR subparts 58.5 and 58.6.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure
Contamination and Toxic Substances	All Project-related solid waste materials generated during construction would be managed and transported in accordance with the NYS solid and hazardous waste rules.
Contamination and Toxic Substances	Asbestos and lead abatement activities or special work practices would be done prior to or during the renovation or alteration of the structure to protect workers and the environment from these materials
Contamination and Toxic Substances	According to the EPA, the Project site is in Radon Zone 1. A vapor barrier will be required and radon testing and mitigation required if radon is found at concentrations greater than 4 picocuries per liter.
Endangered Species	There is no restriction on tree cutting, however, GOSR recommends trees removal between November 1 and March 31 to avoid the potential impacting any bats or migratory birds that could be present.

Determination:

Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 1508.27]

The project will not result in a significant impact on the quality of the human environment.

Finding of Significant Impact [24 CFR 58.40(g)(2); 40 CFR 1508.27]

The project may significantly affect the quality of the human environment.

Preparer Signature: 

Date October 3, 2017

Name/Title/Organization: Alicia Shultz, Senior Environmental Scientist, GOSR

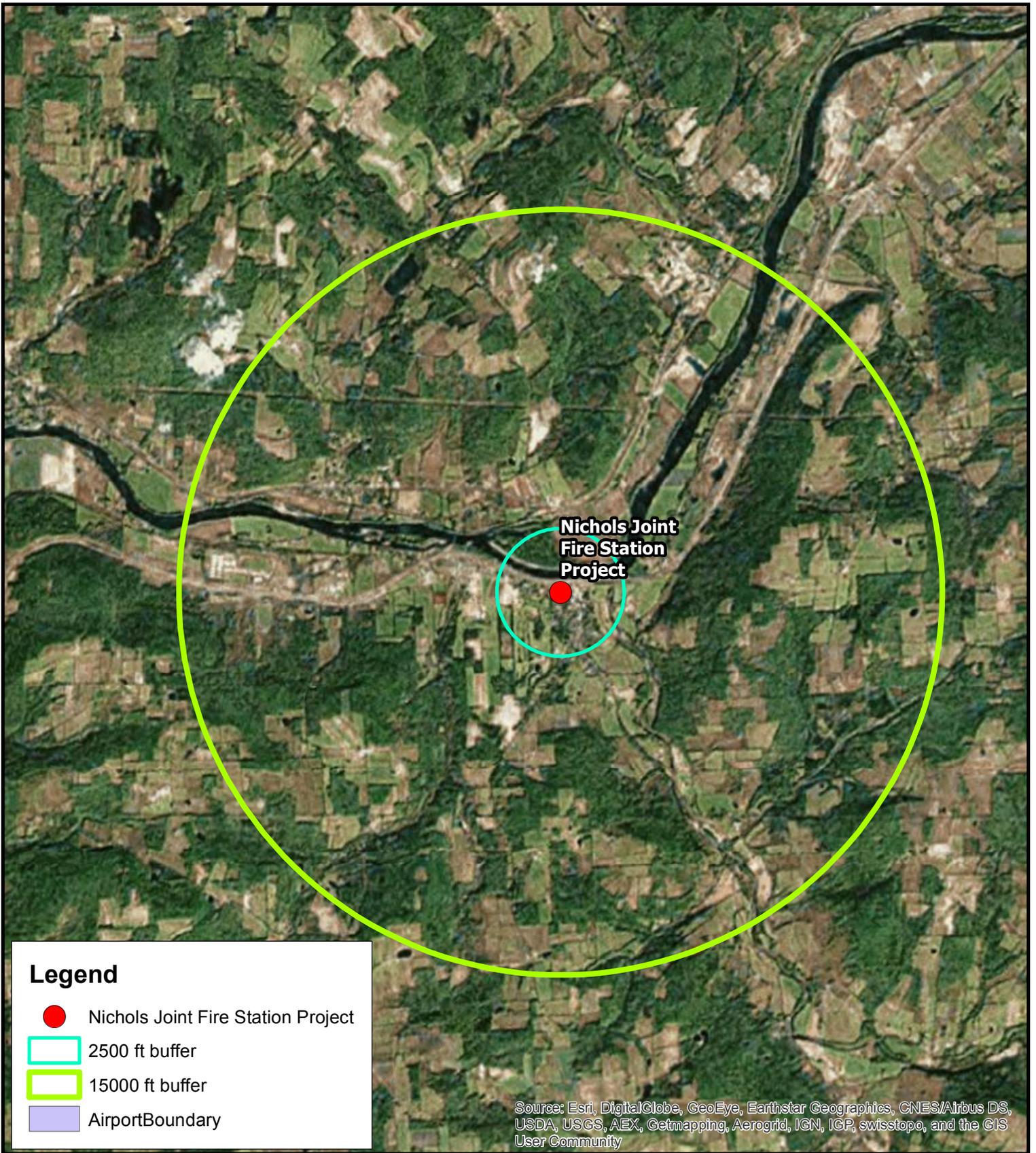
Nichols Joint Fire Station Project

Certifying Officer Signature:  Date: October 3, 2017

Name/Title: Lori A. Shirley, Certifying Officer, Governor's Office of Storm Recovery

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

Appendix A



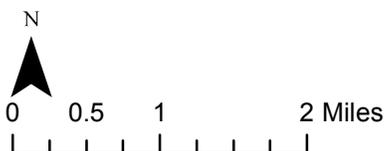
Legend

- Nichols Joint Fire Station Project
- 2500 ft buffer
- 15000 ft buffer
- AirportBoundary

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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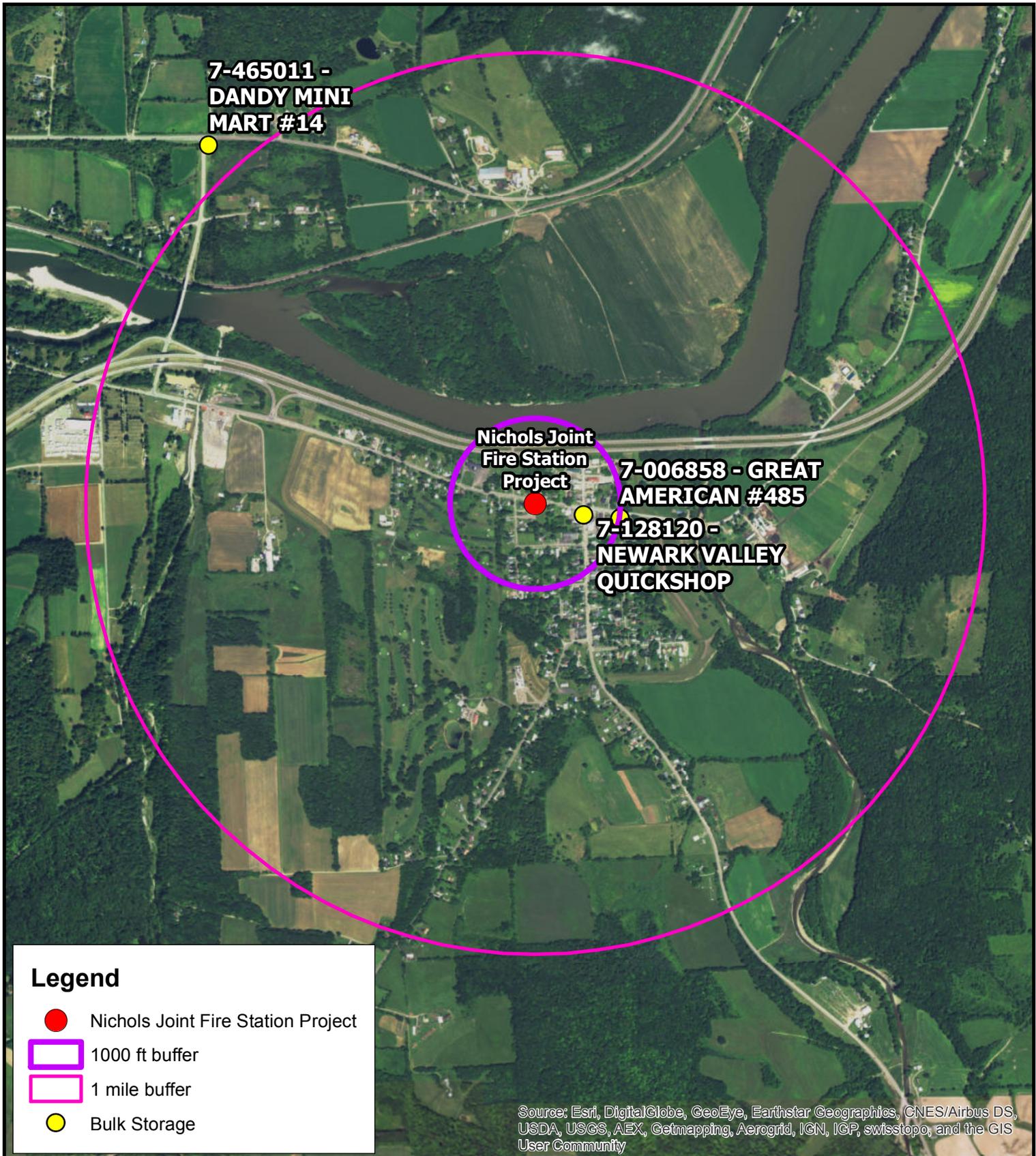
Nichols Joint Fire Station Airports



Sources of Data: USFWS, FEMA, ESRI, State of NY

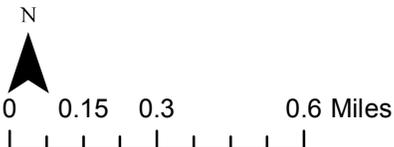


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 Drawn By: R.Ferres
 Version: 1.1
 Date: 07/27/2017



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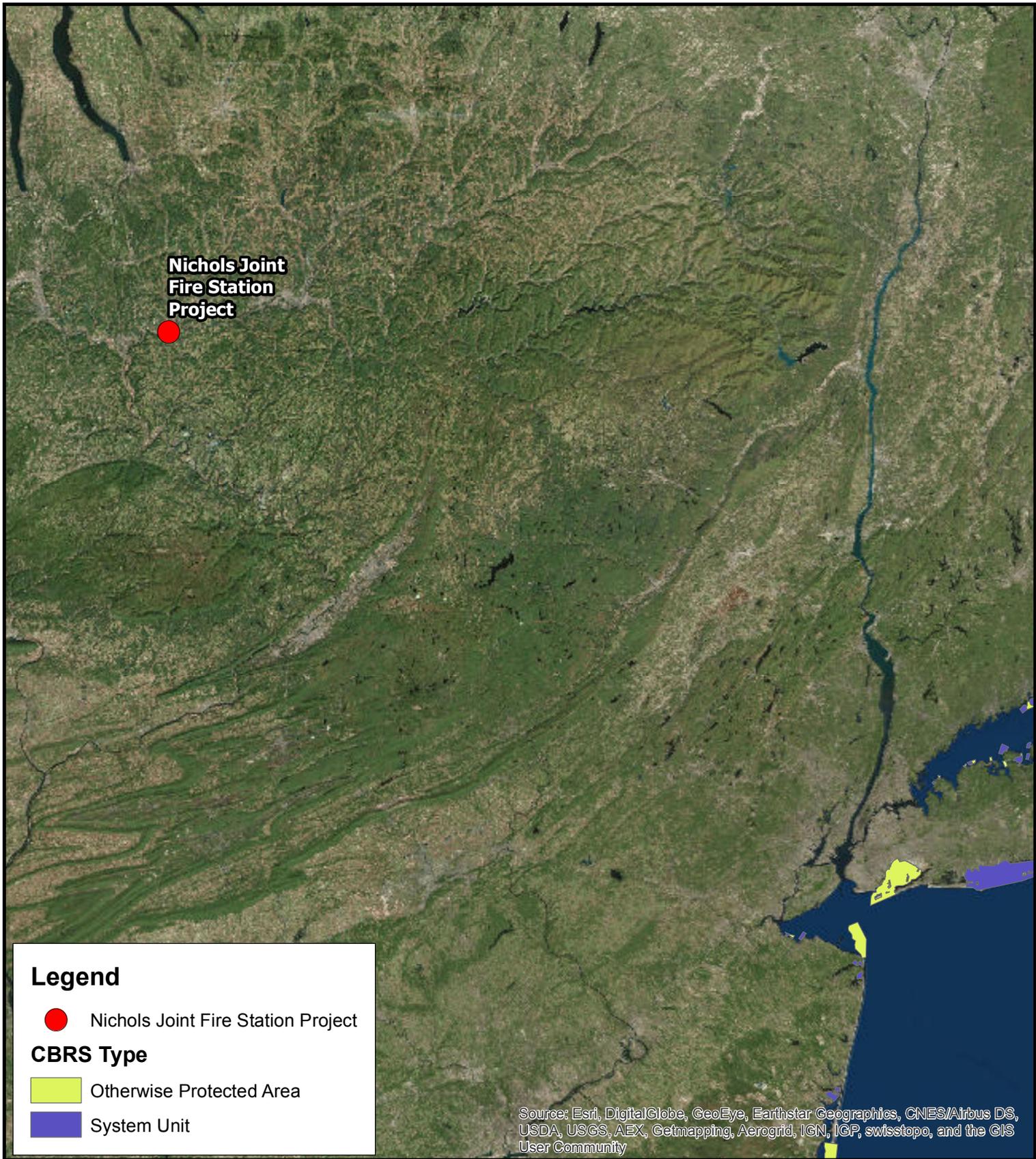
Nichols Joint Fire Station Bulk Storage



Sources of Data: USFWS, FEMA, ESRI, State of NY



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Legend

 Nichols Joint Fire Station Project

CBRS Type

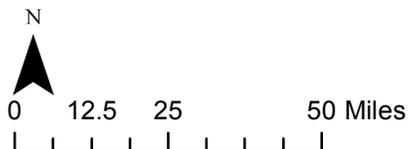
 Otherwise Protected Area

 System Unit

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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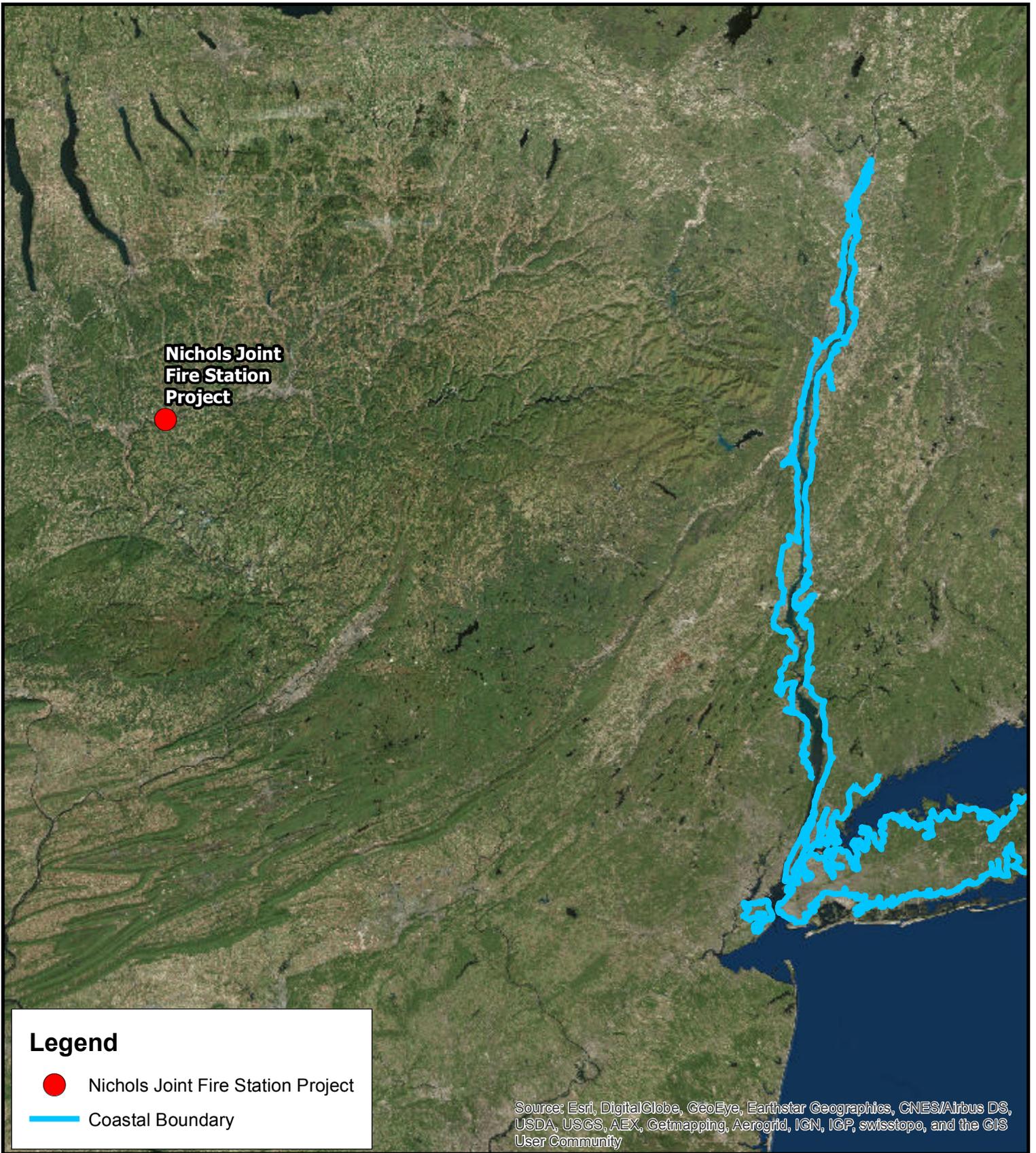
**Nichols Joint Fire Station
CBRS**



Sources of Data: USFWS, FEMA, ESRI, State of NY



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 Date: 07/27/2017



**Nichols Joint
Fire Station
Project**



Legend

-  Nichols Joint Fire Station Project
-  Coastal Boundary

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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Nichols Joint Fire Station Coastal Zone



Sources of Data: USFWS, FEMA, ESRI, State of NY



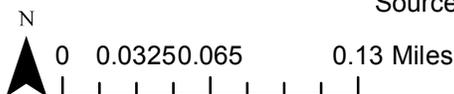
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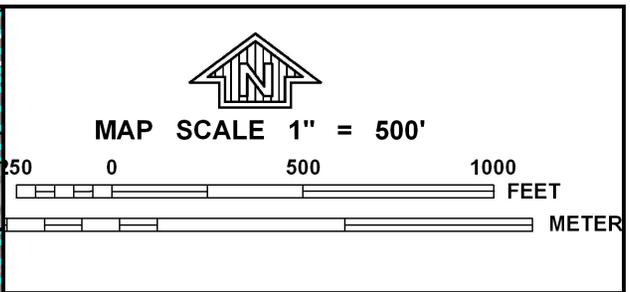
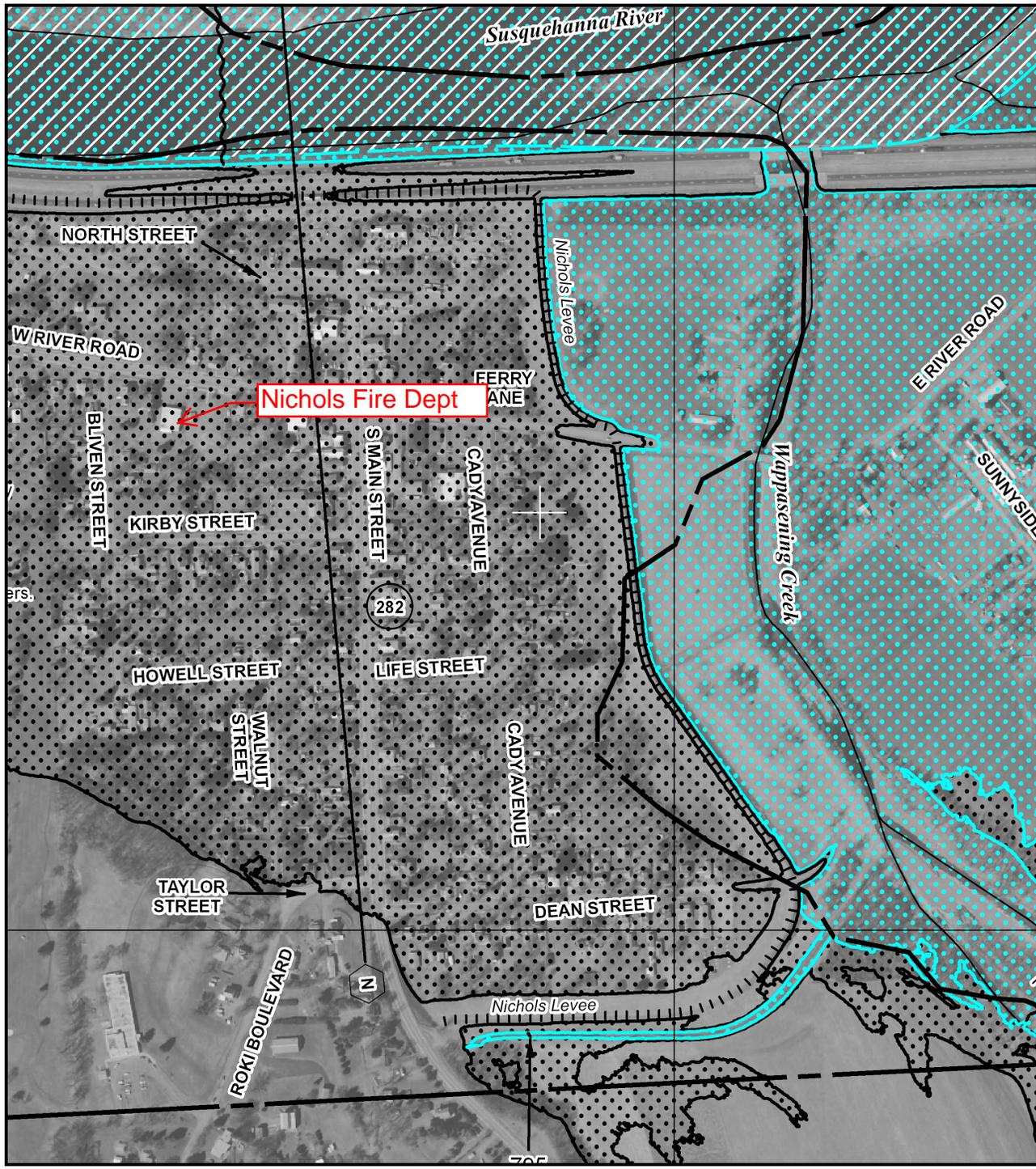
Nichols Joint Fire Station Project Floodplain

Sources of Data: USFWS, FEMA, ESRI, State of NY



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Date: 12/27/16



NATIONAL FLOOD INSURANCE PROGRAM
 NFIP

PANEL 0388E

FIRM
 FLOOD INSURANCE RATE MAP

for TIOGA COUNTY, NEW YORK
 (ALL JURISDICTIONS)

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>
NICHOLS, TOWN OF	360837
NICHOLS, VILLAGE OF	360838
TIOGA, TOWN OF	360842

PANEL 388 OF 551
MAP SUFFIX: E
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

Notice to User: The Map Number shown should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

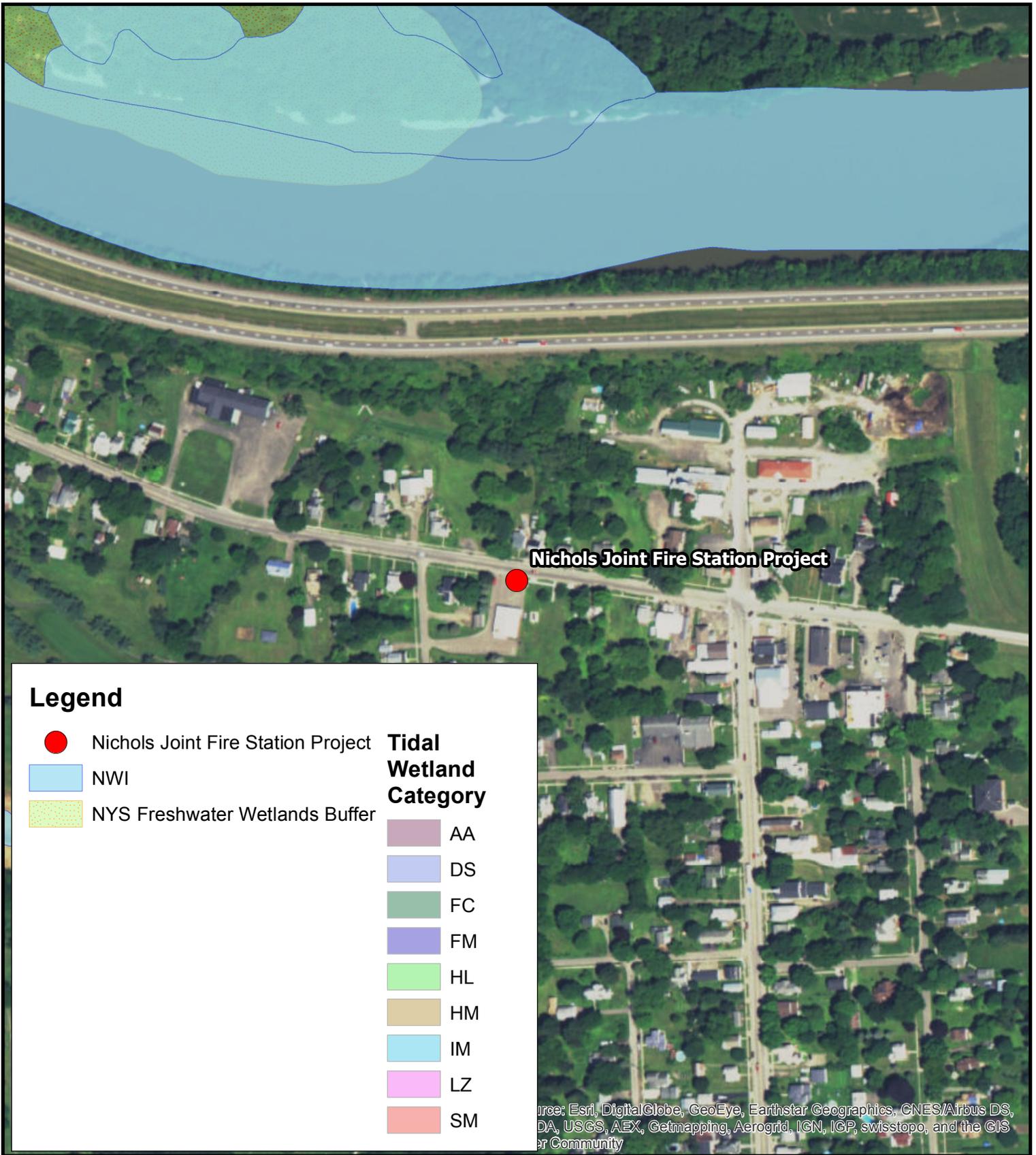


MAP NUMBER
 36107C0388E

EFFECTIVE DATE
 APRIL 17, 2012

Federal Emergency Management Agency

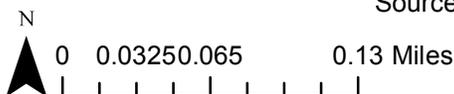
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



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Nichols Joint Fire Station Project Wetlands

Sources of Data: USFWS, FEMA, ESRI, State of NY



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Version: 1.1
Date: 12/27/16



**Nichols Joint
Fire Station
Project**

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

-  Nichols Joint Fire Station Project
-  Critical_Env_Areas
-  Significant_Coastal_Fish_and_Wildlife_Habitat

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Nichols Joint Fire Station Critical Environmental Areas and Significant Coastal Fish and Wildlife Habitat



Sources of Data: USFWS, FEMA, ESRI, State of NY



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Date: 07/28/2017



**Nichols Joint
Fire Station
Project**



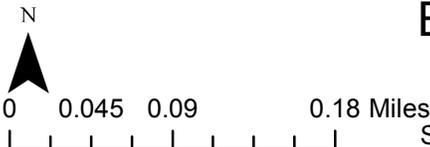
Legend

-  Nichols Joint Fire Station Project
-  Environmental Justice Areas

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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Nichols Joint Fire Station Environmental Justice Areas

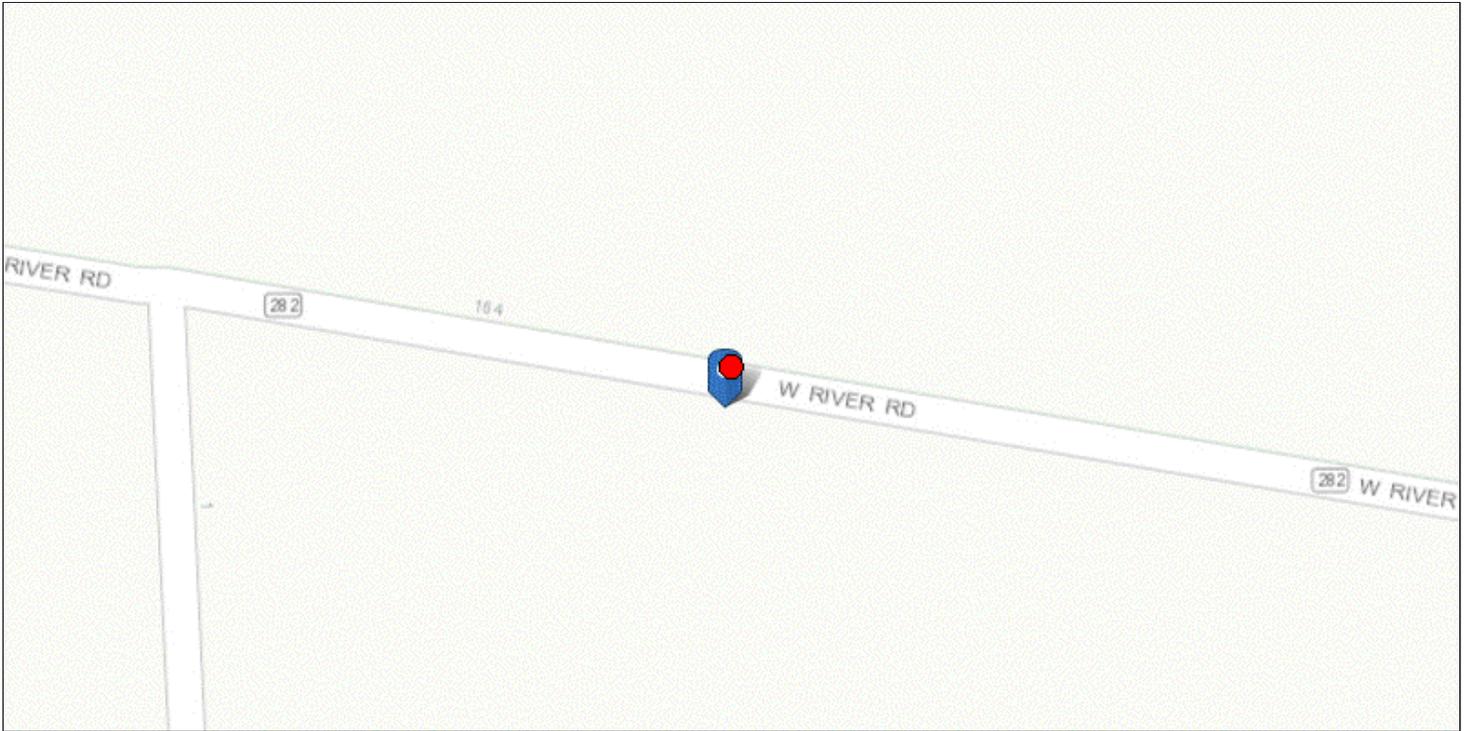


Sources of Data: USFWS, FEMA, ESRI, State of NY



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 Version: 1.1
 Date: 07/28/2017

Environmental Resource Mapper



The coordinates of the point you clicked on are:

UTM 18

Easting: 386644.569

Northing: 4653146.906

Longitude/Latitude

Longitude: -76.369

Latitude: 42.022

The approximate address of the point you clicked on is:

1-163 W River Rd, Nichols, New York, 13812

County: Tioga

Village: Nichols

USGS Quad: OWEGO

DEC Region

Region 7:

(Central New York) Broome, Cayuga, Chenango, Cortland, Madison, Onondaga, Oswego, Tioga and Tompkins counties. For more information visit <http://www.dec.ny.gov/about/615.html>.

If your project or action is within or near an area with a rare animal, a permit may be required if the species is listed as endangered or threatened and the department determines the action may be harmful to the species or its habitat.

If your project or action is within or near an area with rare plants and/or significant natural communities, the environmental impacts may need to be addressed.

The presence of a unique geological feature or landform near a project, unto itself, does not trigger a requirement for a NYS DEC permit. Readers are advised, however, that there is the chance that a unique feature may also show in another

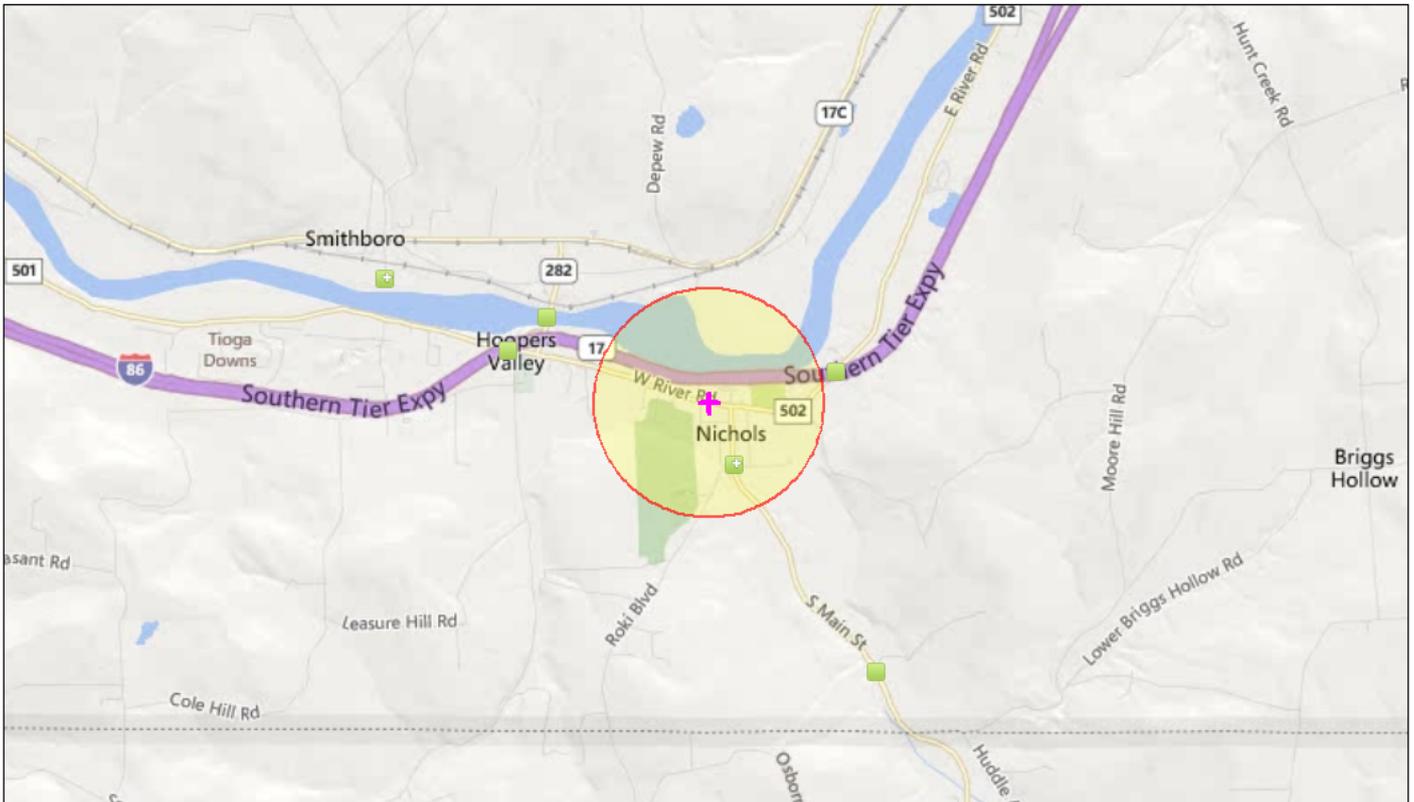
data layer (ie. a wetland) and thus be subject to permit jurisdiction.

Please refer to the "Need a Permit?" tab for permit information or other authorizations regarding these natural resources.

Disclaimer: If you are considering a project or action in, or near, a wetland or a stream, a NYS DEC permit may be required. The Environmental Resources Mapper does not show all natural resources which are regulated by NYS DEC, and for which permits from NYS DEC are required. For example, Regulated Tidal Wetlands, and Wild, Scenic, and Recreational Rivers, are currently not included on the maps.

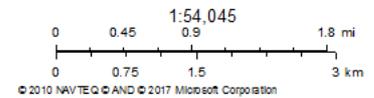
NEPAssist Report

Nichols Joint Fire Station



July 27, 2017

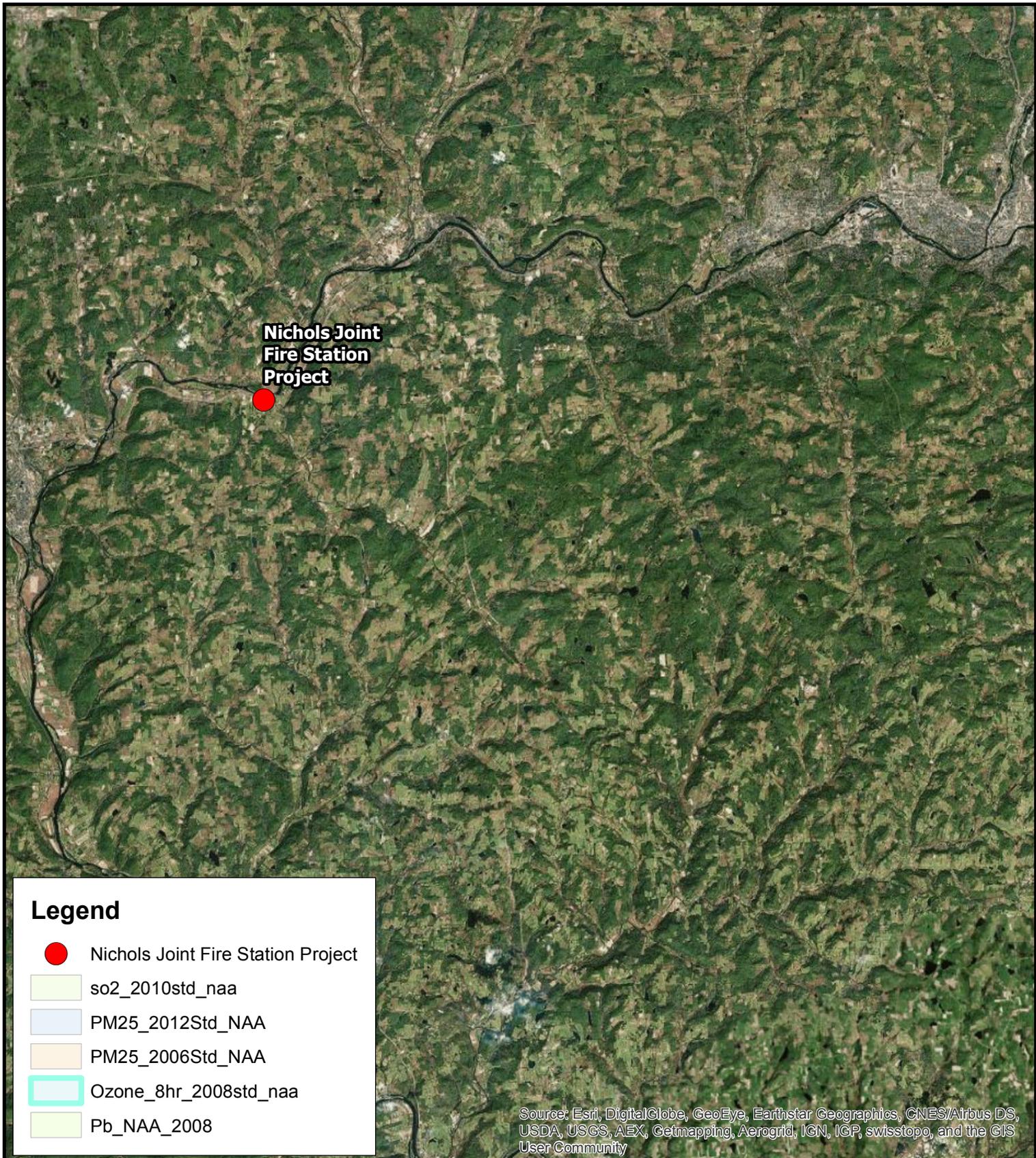
- + RCRAINFO (clustered) Buffer Area
- RCRAINFO (single)
- + Search Result (point)



Project Location	42.022105,-76.369235
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	yes
Within 3000 feet of an impaired waterbody?	no
Within 3000 feet of a waterbody?	yes
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	Available Online
Within 3000 feet of a Brownfields site?	no
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	no
Within 3000 feet of a hazardous waste (RCRA) facility?	yes
Within 3000 feet of an air emission facility?	no

Within 3000 feet of a school?	yes
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	no
Within 3000 feet of a designated sole source aquifer?	yes
Within 3000 feet of a historic property on the National Register of Historic Places?	yes
Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
Within 3000 feet of a RADInfo site?	no
Within 3000 feet of a Tribal Treaty Land?	no
Within 3000 feet of a tribal area (lower 48 states)?	no

Created on: 7/27/2017 2:42:51 PM



Legend

- Nichols Joint Fire Station Project
- so2_2010std_naa
- PM25_2012Std_NAA
- PM25_2006Std_NAA
- Ozone_8hr_2008std_naa
- Pb_NAA_2008

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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Nichols Joint Fire Station Nonattainment Areas



Sources of Data: USFWS, FEMA, ESRI, State of NY

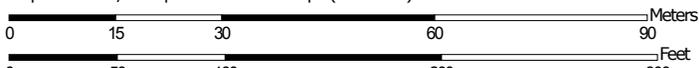


Governor's Office of Storm Recovery
 Drawn By: R.Ferres
 Version: 1.1
 Date: 07/27/2017

Farmland Classification—Tioga County, New York
(Nichols Joint Fire Station)



Map Scale: 1:1,060 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84



Farmland Classification—Tioga County, New York
(Nichols Joint Fire Station)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

Soil Rating Polygons

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

Soil Rating Lines

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained

-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

Soil Rating Points

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season

-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of local importance
-  Farmland of unique importance
-  Not rated or not available

Water Features

MAP INFORMATION

-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photographs

The soil surveys that comprise your AOI were mapped at 1:31,700.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Tioga County, New York
Survey Area Data: Version 13, Sep 24, 2016

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 2, 2010—Oct 8, 2010

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Farmland Classification— Summary by Map Unit — Tioga County, New York (NY107)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Tsb	Tioga silt loam, high bottom	All areas are prime farmland	5.8	100.0%
Totals for Area of Interest			5.8	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower



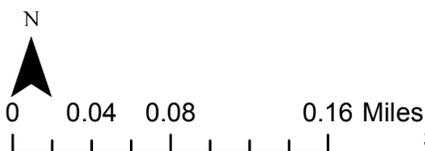
Legend

- Nichols Joint Fire Station Project
- Sole Source Aquifer

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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Nichols Joint Fire Station Sole Source Aquifers



Sources of Data: USFWS, FEMA, ESRI, State of NY



Governor's Office of Storm Recovery
 Drawn By: R.Ferres
 Version: 1.1
 Date: 07/28/2017



Nichols Joint Fire Station Wild and Scenic Rivers

0 37.5 75 150 Miles

Sources of Data: USFWS, FEMA, ESRI, State of NY

Governor's Office of Storm Recovery
 Drawn By: R.Ferres
 Version: 1.1
 Date: 07/28/2017

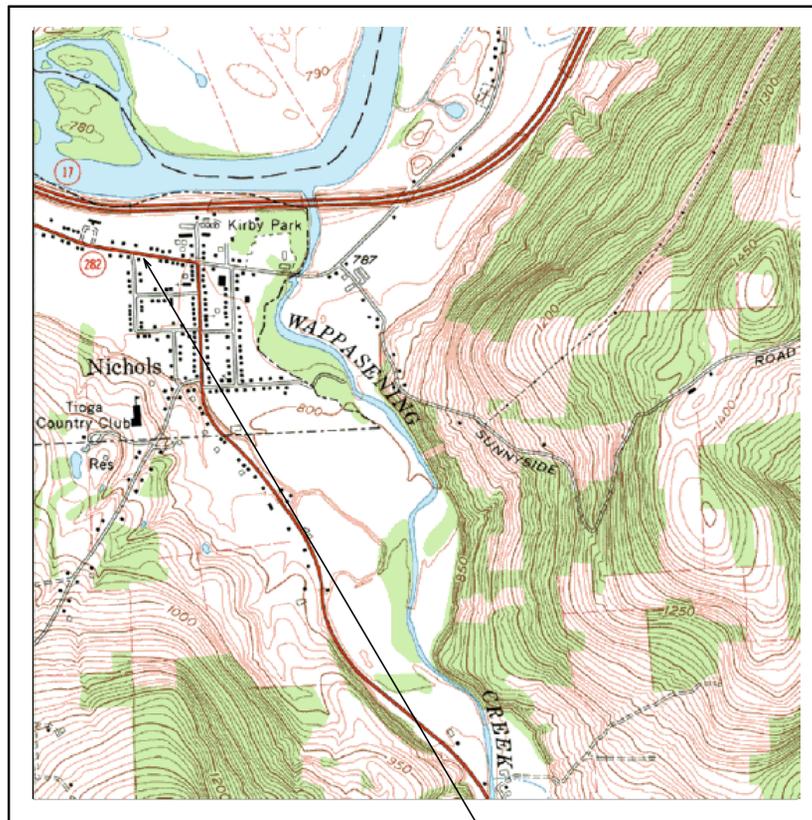
Appendix B

NICHOLS JOINT FIRE DISTRICT

106 W. RIVER ROAD., VILLAGE OF NICHOLS,
TIOGA COUNTY, NEW YORK

TITLE PAGE	REV. DATE
DWG NO: 16025	DRAWN BY: MS
SCALE: 3/16" = 1' 0"	DATE: 07 JUL 17
	SHEET: T1

LOCATION MAP



106 W. RIVER ROAD,
VILLAGE OF NICHOLS
TIOGA COUNTY, NEW YORK

DESIGN NOTES

DESIGN OCCUPANCY: FIRE TRUCK BAYS (STORAGE S-1)
KITCHEN, RESTROOMS, TRAINING ROOM,
(BUSINESS A-3)

PROPOSED BUILDING CONSTRUCTION TYPE: STEEL FRAMED TYPE 2b

PROPOSED BUILDING AREA: 8,282 SQ. FT. - 4,593 SQ. FT. (A-3 OCCUPANCY)
- 3,689 SQ. FT. (S-1 OCCUPANCY)

BASIC DESIGN CODE: 2015 INTERNATIONAL BUILDING CODE AND
ENERGY CONSERVATION CODE WITH
2016 NEW YORK STATE SUPPLEMENTS

ENERGY CONSERVATION CODE COMPLIANCE: PRESCRIPTIVE METHOD

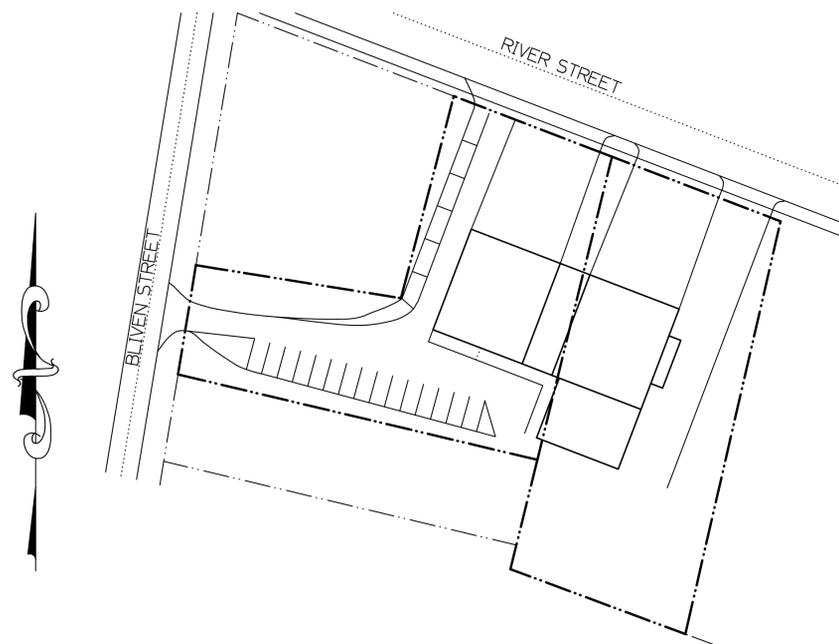
DESIGN CRITERIA

ROOF LOAD				SOIL BEARING		SEISMIC		
LIVE LOAD	GROUND SNOW LOAD	ROOF SNOW LOAD	EXPOSURE (Ce)	IMPORTANT. (Is)	THERMAL FACTOR (Ct)	ALLOWABLE (psf)	DESIGN CATEGORY	
20	50	42	0.90	1.2	1.10	2,000	A	
FLOOR LIVE LOAD (psf)				WIND				
CORRIDOR, TRAINING, OFFICE, OTHER ASSEMBLY				TRUCK BAY	SPEED (mph)	IMPORT. (Iw)	EXPOSURE	WIND PRESSURE
100				100	90	1.15	C	21 psf

SHEET INDEX

SHEET DESCRIPTION

T1	TITLE SHEET
C1	SITE PLAN
C2	SEPTIC PLAN
C3	SEPTIC DETAILS 1
A1	1ST FLOOR/MEZZANINE PLANS
A2	FOUNDATION PLAN
A3	FOUNDATION DETAILS
A4	BUILDING SECTIONS
A5	BUILDING SECTIONS
A6	FIRE-RATED WALL SECTIONS
A7	ELEVATIONS
A8	ACCESSIBILITY DETAILS 1
A9	ACCESSIBILITY DETAILS 2
W1	FINISH/MATERIALS PLAN
K1	KITCHEN EQUIPMENT PLAN
K2	KITCHEN ELEVATIONS
E1	ELEC./LIGHTING PLAN
E2	REFLECTED CEILING PLAN
F1	LIFE SAFETY PLAN
M1	EXHAUST REMOVAL PLAN
P1	PLUMBING WASTE PLAN
P2	WATER SUPPLY PLAN
P3	FIXTURE LOCATION PLAN

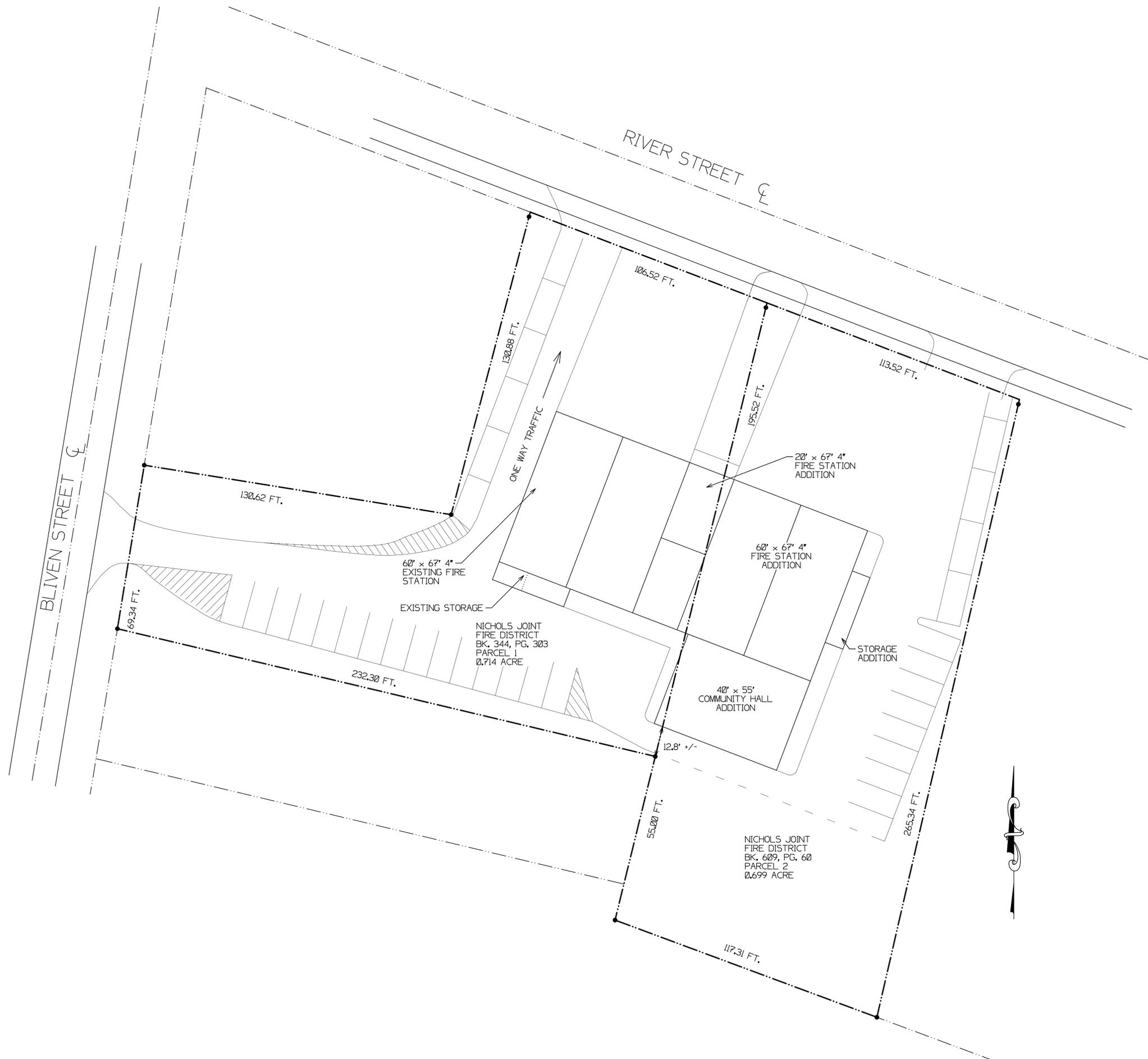


GENERAL NOTES

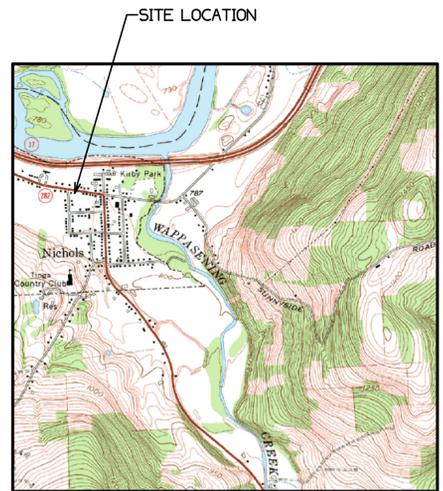
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FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. RIVER ROAD, VILLAGE OF NICHOLS
 TIOGA COUNTY, NEW YORK

McIlwain Engineering
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 NEWARK VALLEY, NEW YORK 13811
 607-462-5300 MCELWAINENGINEERING@YAHOO.COM



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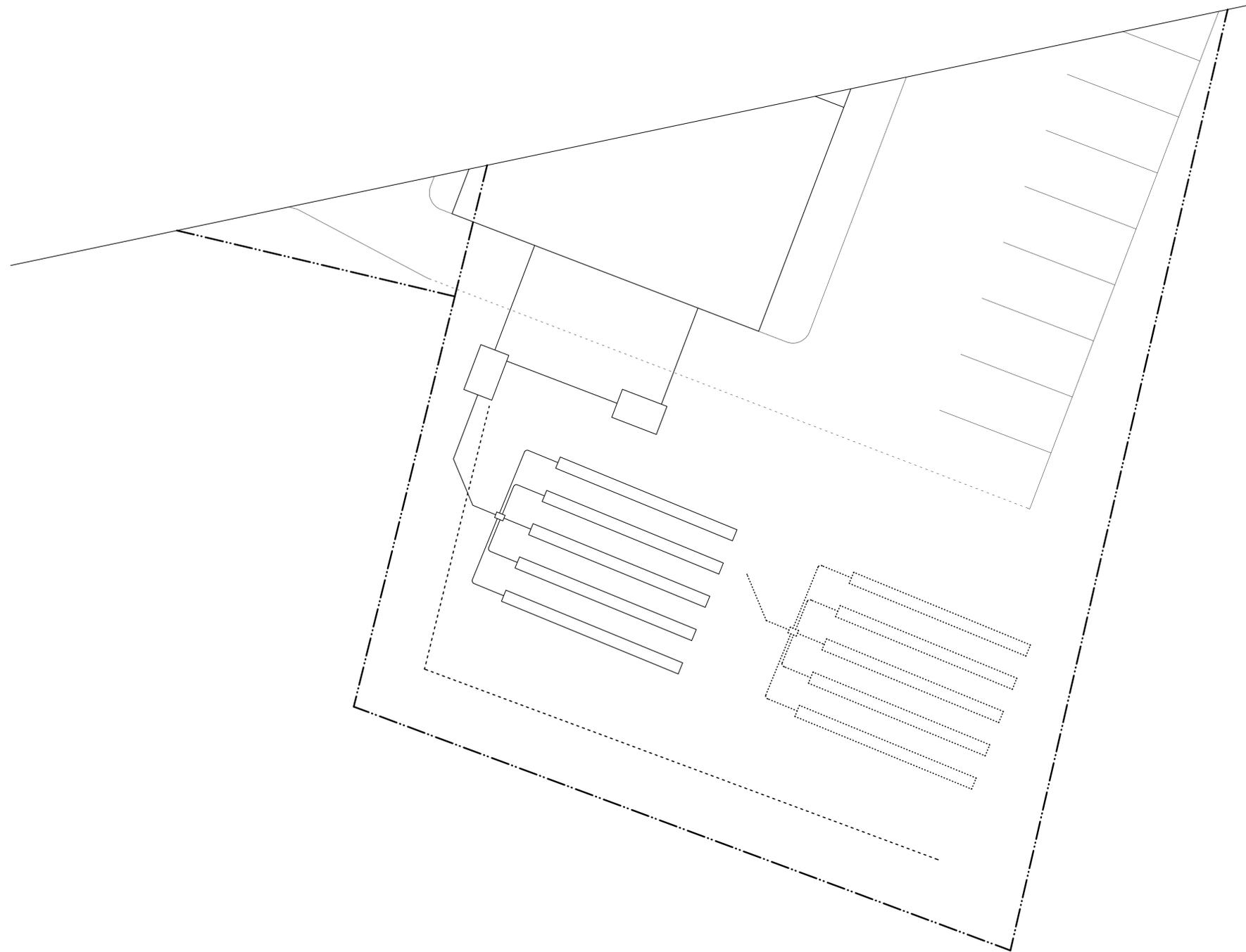
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SITE PLAN	REV/DRAWN BY	DATE
DWG NO: 16025	MS	07 JUL 17
SCALE: 1" = 20'	SHEET	CI

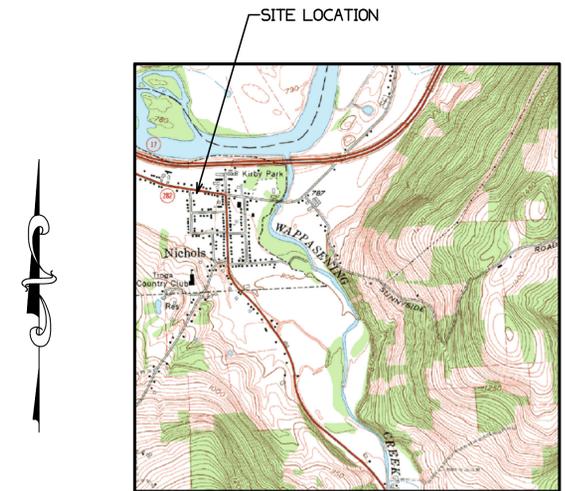
FIRE STATION ADDITION AND RENOVATION
NICHOLS JOINT FIRE DISTRICT
106 W. RIVER ROAD, VILLAGE OF NICHOLS
TIOGA COUNTY, NEW YORK

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- NOTES:
1. THE LOT LINES, DIMENSIONS, AND ANGLES FOR THIS DRAWING ARE TAKEN FROM A MAP DRAWN BY A LICENSED SURVEYOR. THIS DRAWING IS TO BE USED ONLY FOR DEPICTION OF SEPTIC AND ABSORPTION TRENCH LOCATIONS.
 2. DIMENSIONS FOR COMPONENT PLACEMENT ARE SHOWN PRIOR TO INSTALLATION. CHANGES OCCURRING DURING CONSTRUCTION WILL BE RECORDED.
 3. THERE ARE NO WELLS ON ADJACENT LOTS WITHIN 100 FT OF THIS SEPTIC SYSTEM.
 4. ALL PIPES, LEADS, AND TRANSMISSION LINES TO BE 4" DIA SCHEDULE 40 PVC OR BETTER. NO ANGLES TO EXCEED 45°. SEWER PIPE SLOPE TO BE 1/4" PER FT MINIMUM. EFFLUENT PIPE SLOPE TO BE 1/8" PER FT MINIMUM.
 5. SEPTIC TANK TO BE 1250 GAL DOUBLE SECTION CONCRETE TANK RATED FOR TRAFFIC LOAD.
 6. USE INFILTRATOR EQUALIZER 24 OR 36 ABSORPTION CHAMBER (OR EQUAL) FOR THE LATERAL. CHAMBERS TO BE LEVEL.
 7. MINIMUM SEPARATION DISTANCES:
 BUILDING TO SEPTIC TANK 10 FT
 BUILDING TO ABSORPTION TRENCHES 20 FT
 ANY SEPTIC COMPONENT TO LOT LINE 10 FT
 8. SLOPE IS NOT SHOWN. THE LOT IS FLAT.
 9. TRENCH LATERAL AREA BASED ON 500 GPD HYDRAULIC LOAD. SEE SHEET 2 FOR LENGTH CALCULATIONS
 10. APPROXIMATELY 4" OF TOP SOIL COVERING A GRAVEL SOIL TO 6 FT DEPTH. NO BEDROCK OR GROUNDWATER TO 6 FT. PERCOLATION RATE APPROXIMATELY 4 MIN/IN.
 11. WHERE THE SEWER LINE IS UNDER THE DRIVING SURFACE, INSTALL THE PVC PIPE INSIDE A CAST IRON PIPE. EXTEND THE CAST IRON PIPE TWO (2) PAST THE EDGE OF THE PAVEMENT. COVER THE CAST IRON WITH TWO (2) INCHES RIGID FOAM INSULATION. FOAM TO EXTEND ONE (1) FOOT ON EACH SIDE OF THE PIPE.

PRELIMINARY DRAWING
NOT FOR CONSTRUCTION



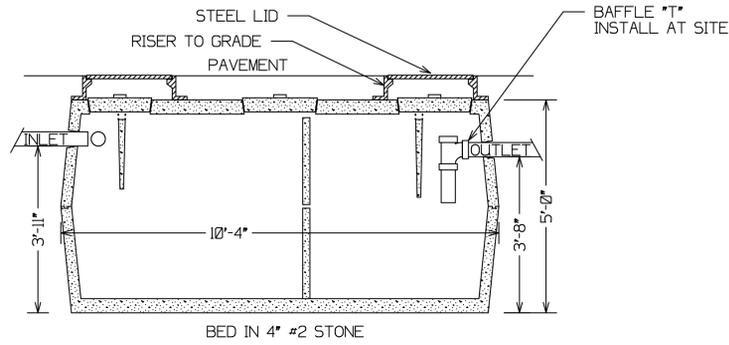
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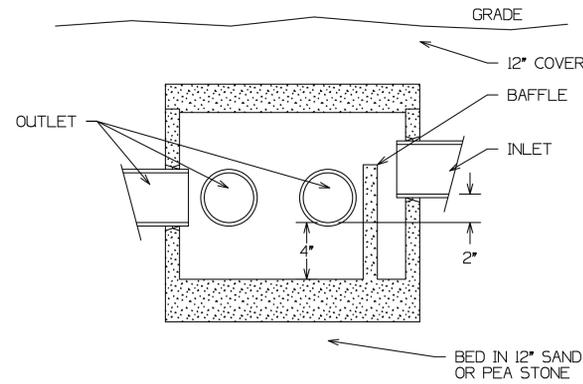
SEPTIC SYSTEM SITE PLAN	
DWG NO: 16025	REVISED DATE
SCALE: 1" = 10'	DRAWN BY: MS/SEM
DATE: 07 JUL 16	SHEET: CI

FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. RIVER ROAD, VILLAGE OF NICHOLS
 TOGA COUNTY, NEW YORK

McIlwain Engineering
 PO BOX 127, 5 PARK STREET
 NEWARK VALLEY, NEW YORK 13811
 607-442-5300 MCELWAINENGINEERING.COM



1500 GALLON SEPTIC TANK



CONCRETE DISTRIBUTION BOX

- NOTES:
1. DO NOT INSTALL TRENCHES IN WET SOIL.
 2. INSTALL TRENCHES PARALLEL TO CONTOURS.
 3. INSTALL TRENCHES AS SHALLOW AS POSSIBLE. (MEET NOTED MINIMUM DEPTHS SHOWN.)
 4. INSTALL INFILTRATOR SECTIONS ON BOTTOM OF LEVEL TRENCH. REFER TO MANUFACTURER INFORMATION FOR INSTALLATION REQUIREMENTS.

ACTUAL SOIL CONDITIONS SEEN FROM SOIL CUT:
 INCHES TOP SOIL - 2 TO 4
 INCHES PERMEABLE SOIL - TO BOTTOM OF 6 FT HOLE
 DEPTH TO GROUND WATER - NONE TO 6 FT

DESIGN CALCULATIONS:

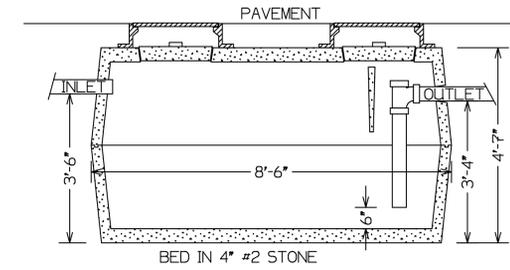
HYDRAULIC LOAD = 500 GPD
 SOIL PERCOLATION RATE = 4 MIN/IN
 APPLICATION RATE = 1,200 GPD/SQ FT

INFILTRATOR 36

TOTAL TRENCH LENGTH = 160 FT
 NUMBER OF TRENCHES = 5
 INDIVIDUAL TRENCH LENGTH = 32 FT

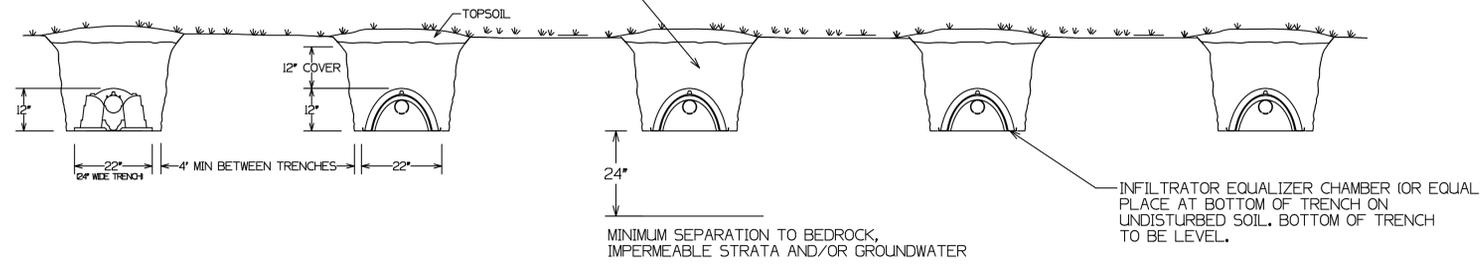
THIS DESIGN INCORPORATES THE USE OF A MANUFACTURED BIO-DIFFUSER FOR WATER DISPERSION. IF #2 CRUSHED STONE AND PERFORATED PIPE IS USED, THE TRENCHES ARE TO BE THE SAME AS PRESCRIBED FOR THE INFILTRATOR 24.

ABOVE DESIGN CRITERIA TAKEN FROM
 NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED
 WASTEWATER TREATMENT SYSTEMS
 MARCH 2014

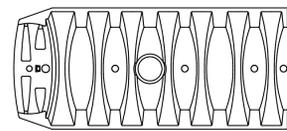


750 GALLON GREASE TRAP
 MAY BE PURCHASED FROM BINGHAMTON PRECAST OR EQUAL

BACKFILL WITH NATIVE SOIL - FABRIC OR STRAW COVER NOT RECOMMENDED.
 MOUND FILL SLIGHTLY TO ALLOW SETTLING.
 PLANT GRASS COVER AS SOON AS POSSIBLE.

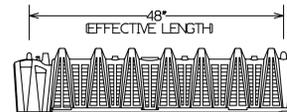


TOP VIEW

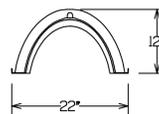


INFILTRATOR WATER TECHNOLOGIES
 QUICK4 EQUALIZER 36 CHAMBER
 PRODUCT SPECIFICATIONS
 NOT TO SCALE

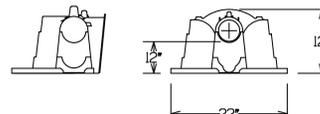
SIDE VIEW



END VIEW



QUICK4 EQUALIZER 36 MULTI-PORT END CAP



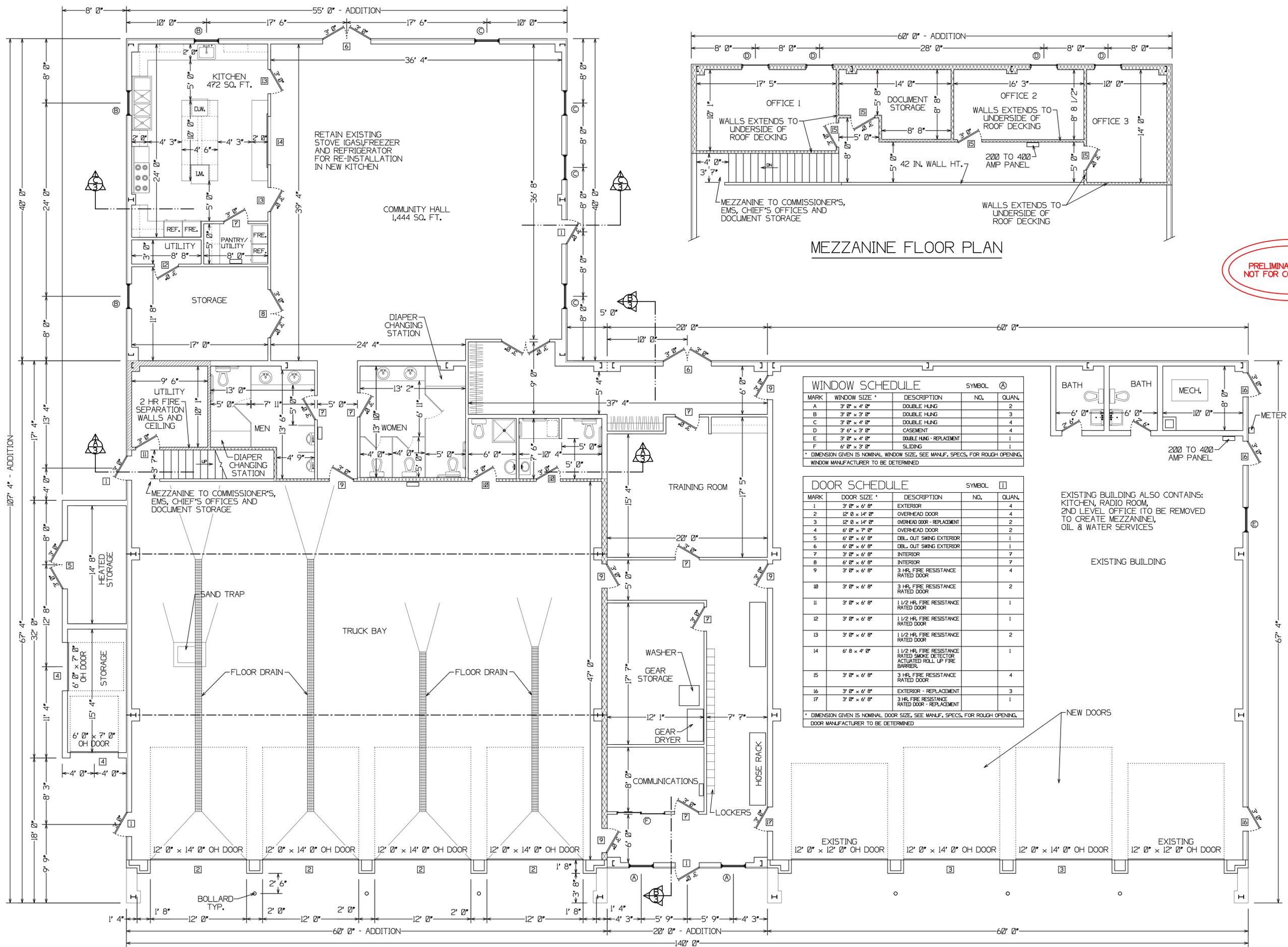
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SEPTIC SYSTEM COMPONENTS	REVISED BY	SEM
DWG NO: 16025	DRAWN BY	SEM
SCALE: NONE	DATE: 07 JUL 17	SHEET: C2

FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. REVER ROAD, VILLAGE OF NICHOLS
 TIOGA COUNTY, NEW YORK

McIlwain
 Engineering
 PO BOX 127, 5 PARK STREET
 NEWARK VALLEY, NEW YORK 13811
 607-642-5300 MCELWAINENGINEERING@YAHOO.COM



WINDOW SCHEDULE

MARK	WINDOW SIZE *	DESCRIPTION	NO.	QUAN.
A	3' 0" x 4' 0"	DOUBLE HUNG		2
B	3' 0" x 3' 0"	DOUBLE HUNG		3
C	3' 0" x 4' 0"	DOUBLE HUNG		4
D	3' 0" x 3' 0"	CASEMENT		4
E	3' 0" x 4' 0"	DOUBLE HUNG - REPLACEMENT		1
F	6' 0" x 3' 0"	SLIDING		1

* DIMENSION GIVEN IS NOMINAL WINDOW SIZE, SEE MANUF. SPECS, FOR ROUGH OPENING.
WINDOW MANUFACTURER TO BE DETERMINED.

DOOR SCHEDULE

MARK	DOOR SIZE *	DESCRIPTION	NO.	QUAN.
1	3' 0" x 6' 8"	EXTERIOR		4
2	12' 0" x 14' 0"	OVERHEAD DOOR		4
3	12' 0" x 14' 0"	OVERHEAD DOOR - REPLACEMENT		2
4	6' 0" x 7' 0"	OVERHEAD DOOR		2
5	6' 0" x 6' 8"	DBL. OUT SWING EXTERIOR		1
6	6' 0" x 6' 8"	DBL. OUT SWING EXTERIOR		1
7	3' 0" x 6' 8"	INTERIOR		7
8	6' 0" x 6' 8"	INTERIOR		7
9	3' 0" x 6' 8"	3 HR. FIRE RESISTANCE RATED DOOR		4
10	3' 0" x 6' 8"	3 HR. FIRE RESISTANCE RATED DOOR		2
11	3' 0" x 6' 8"	1/2 HR. FIRE RESISTANCE RATED DOOR		1
12	3' 0" x 6' 8"	1/2 HR. FIRE RESISTANCE RATED DOOR		1
13	3' 0" x 6' 8"	1/2 HR. FIRE RESISTANCE RATED DOOR		2
14	6' 8" x 4' 0"	1/2 HR. FIRE RESISTANCE RATED SMOKE DETECTOR ACTUATED ROLL UP FIRE BARRIER		1
15	3' 0" x 6' 8"	3 HR. FIRE RESISTANCE RATED DOOR		4
16	3' 0" x 6' 8"	EXTERIOR - REPLACEMENT		3
17	3' 0" x 6' 8"	3 HR. FIRE RESISTANCE RATED DOOR - REPLACEMENT		1

* DIMENSION GIVEN IS NOMINAL DOOR SIZE, SEE MANUF. SPECS, FOR ROUGH OPENING.
DOOR MANUFACTURER TO BE DETERMINED.

PRELIMINARY DRAWING
NOT FOR CONSTRUCTION

GENERAL NOTES

1. ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF MCLWAIN ENGINEERING. NO PARTS OF THIS DRAWING OR SPECIFICATIONS ARE TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MCLWAIN ENGINEERING.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

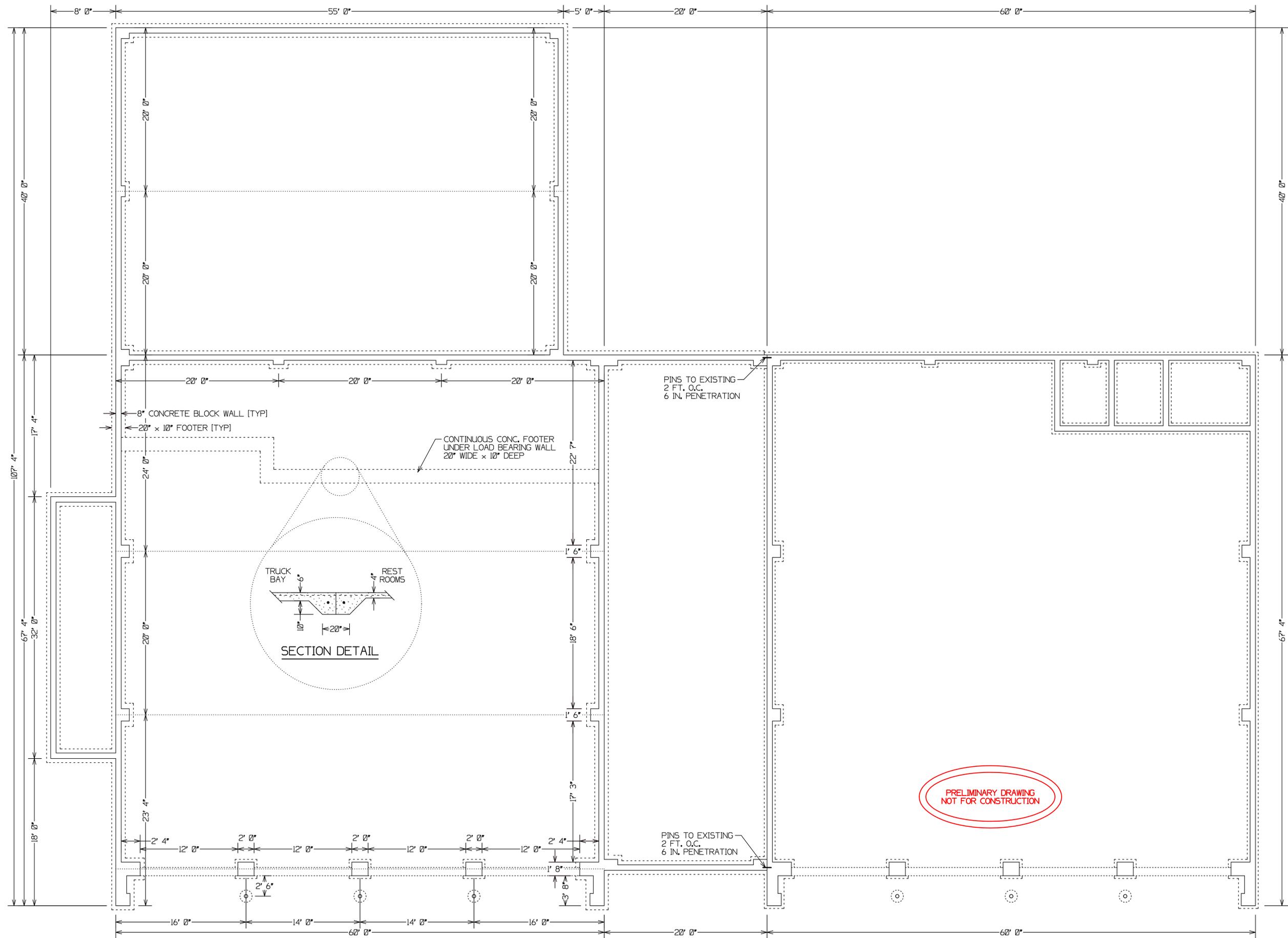
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

MCLWAIN Engineering
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 NEWARK VALLEY, NEW YORK 13811
 607-422-5300 MCLWAINENGINEERING@YAHOO.COM

FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. RIVER ROAD, VILLAGE OF NICHOLS
 TIOGA COUNTY, NEW YORK

ADDITION PLAN
 DWG NO: 16025
 SCALE: 3/16" = 1' 0"
 DATE: 07 JUL 17
 DRAWN BY: MS
 SHEET: A1



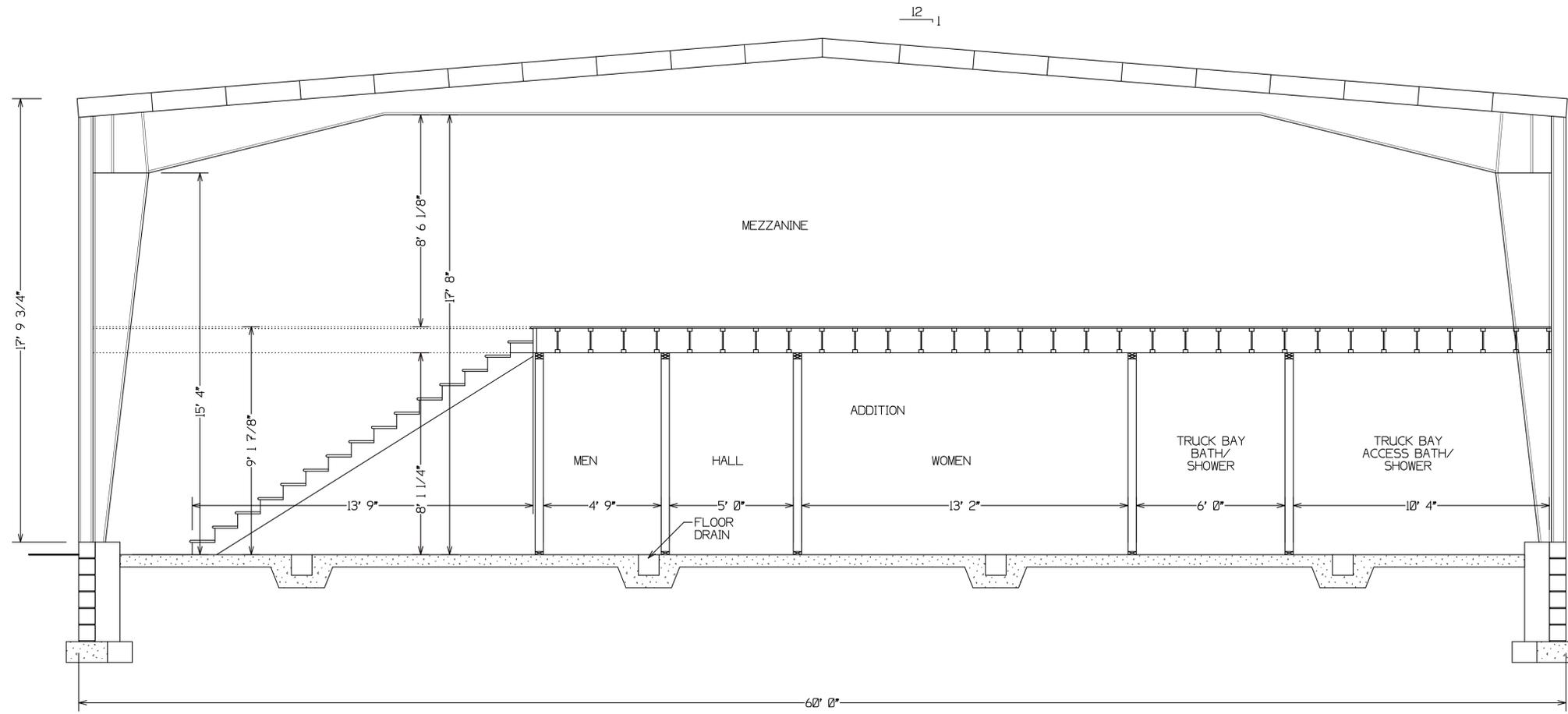
FOUNDATION PLAN

GENERAL NOTES
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ADDITION FOUNDATION PLAN	REV. DATE
DWG NO. 16025	
SCALE 3/16" = 1' 0"	DRAWN BY MS
DATE 07 JUL 17	SHEET A2

FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. REVER ROAD, VILLAGE OF NICHOLS
 TIOGA COUNTY, NEW YORK

McIlwain Engineering
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 607-462-5300 MCELWAINENGINEERING.COM



 CROSS SECTION A

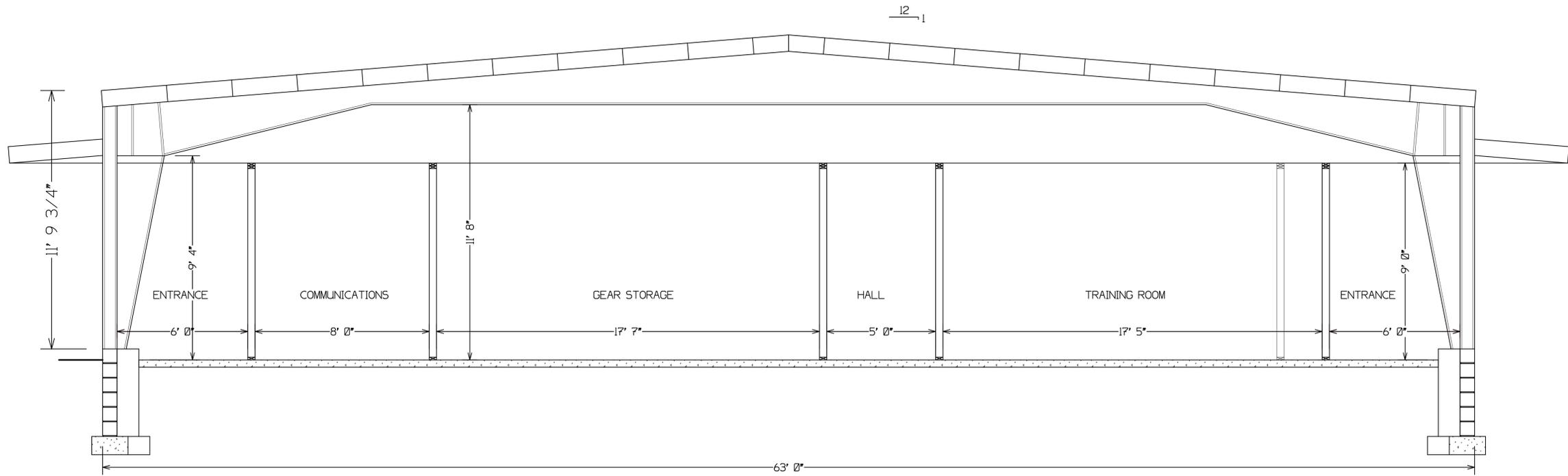
PRELIMINARY DRAWING
NOT FOR CONSTRUCTION

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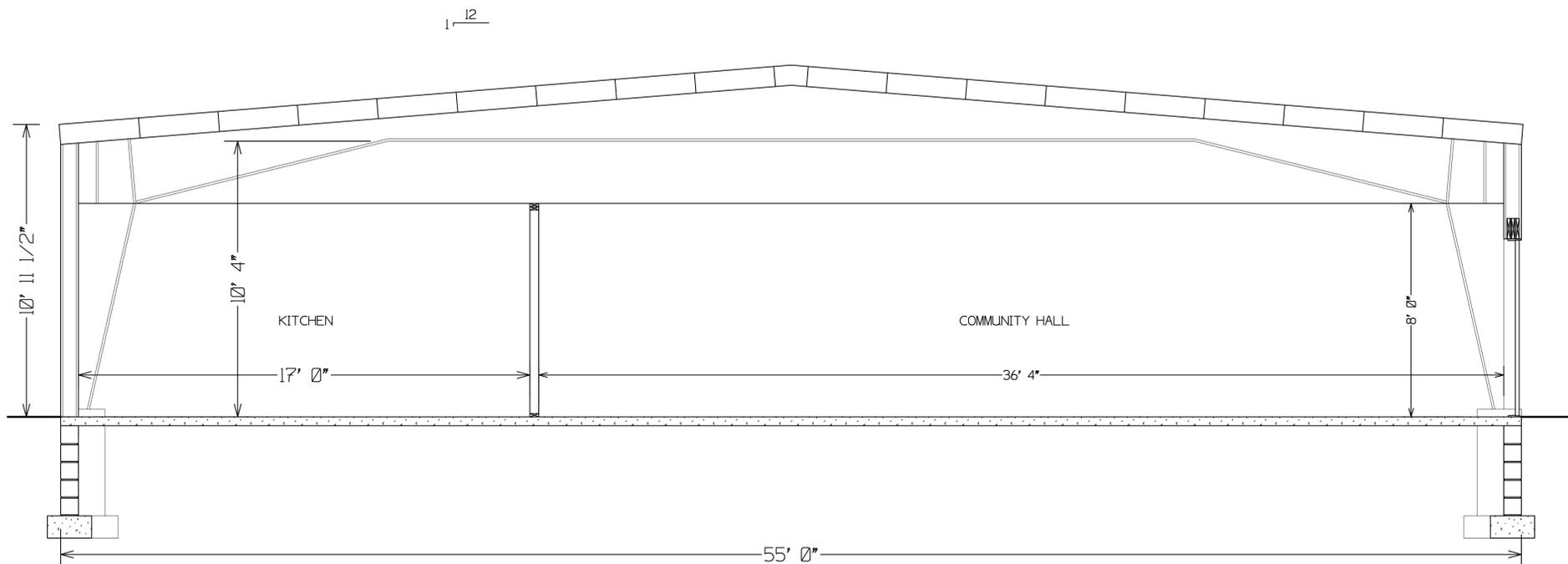
SECTIONS	REVISED
DWG NO 16025	DRAWN BY MS
SCALE 3/8" = 1' 0"	DATE 07 JUL 17
	SHEET A4

FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. REVER ROAD, VILLAGE OF NICHOLS
 TIOGA COUNTY, NEW YORK

McIlwain Engineering
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 607-462-5300 MCELWAINENGINEERING@YAHOO.COM



 CROSS SECTION B



 CROSS SECTION C

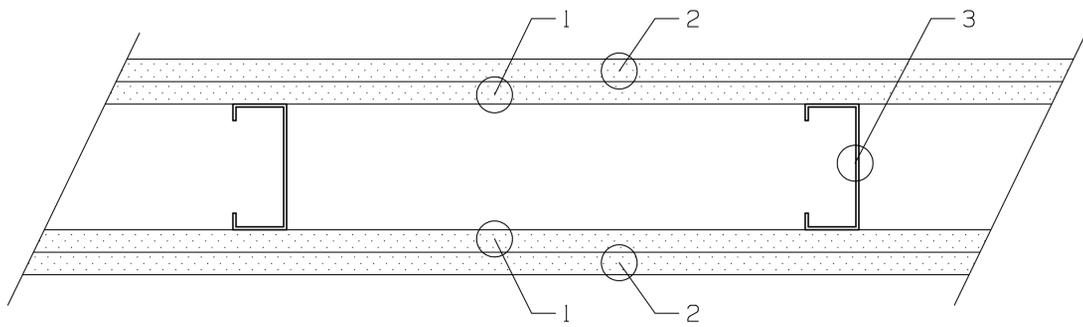
PRELIMINARY DRAWING
NOT FOR CONSTRUCTION

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SECTIONS	REVISED
DWG NO 16025	DATE
SCALE 3/8" = 1' 0"	DRAWN BY MS
DATE 07 JUL 17	SHEET A5

FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. REVER ROAD, VILLAGE OF NICHOLS
 TIOGA COUNTY, NEW YORK

McIlwain Engineering
 PO BOX 127, 5 PARK STREET
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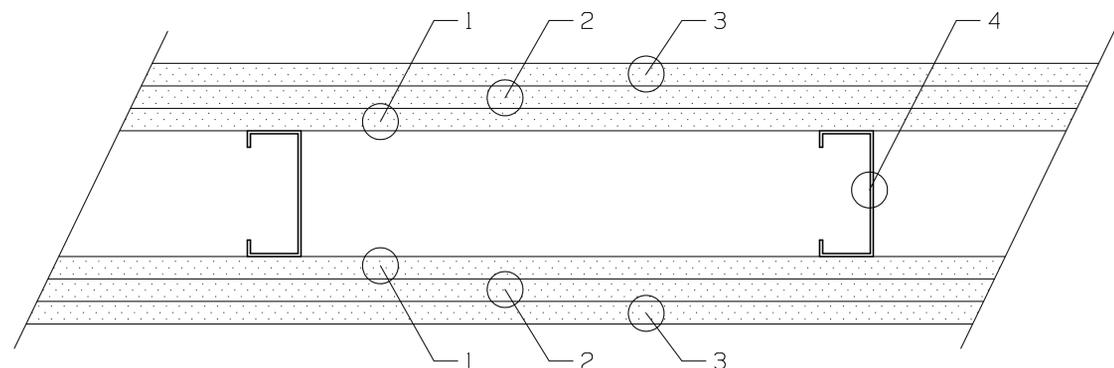


- ① BASE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLE TO EACH SIDE OF 3 5/8" (MIN.) METAL STUDS, 24" O.C. (MAX) WITH 1" TYPE S DRYWALL SCREWS, 24 IN. O.C.
 - ② FACE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLE TO EACH SIDE WITH 1 5/8" TYPE S DRYWALL SCREWS, 12 IN. O.C.
- STAGGER JOINTS 24" O.C. EACH LAYER AND EACH SIDE.

③ 3 5/8" (MIN.) METAL STUDS, 24" ON CENTER (MAX.)

NEW WALL SECTION - 2 HOUR FIRE RATING

REF GYPSUM ASSOCIATION FILE NUMBER WP 1548

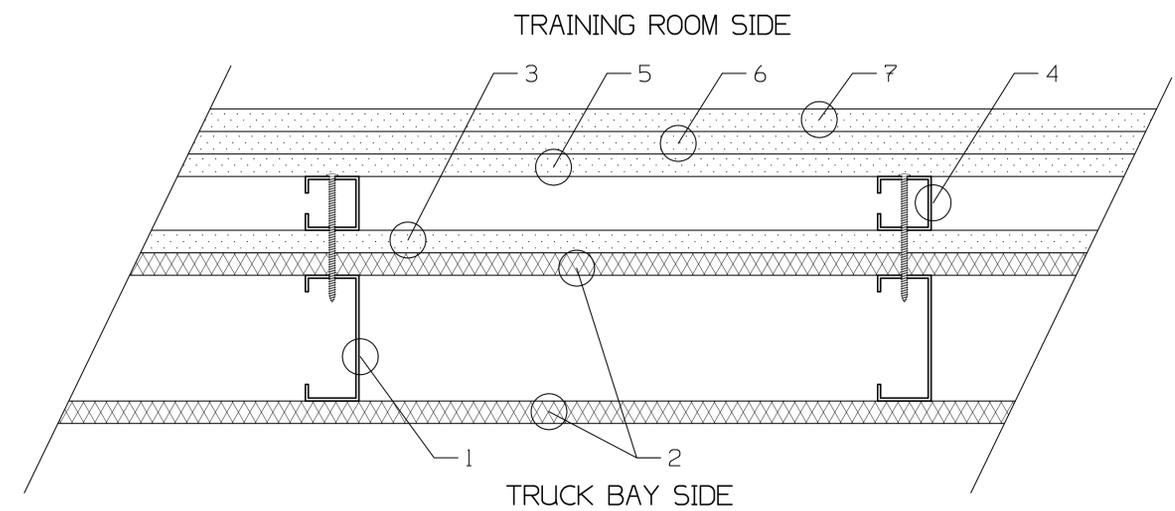


- ① BASE LAYER 1/2" PROPRIETARY TYPE *X* GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL TO EACH SIDE OF 3 5/8" STEEL STUDS, 24" O.C. WITH 1" TYPE S DRYWALL SCREWS, 24" O.C.
 - ② SECOND LAYER 1/2" PROPRIETARY TYPE *X* GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL TO EACH SIDE WITH 1 5/8" TYPE S DRYWALL SCREWS, 24" O.C.
 - ③ FACE LAYER 1/2" PROPRIETARY TYPE *X* GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE WITH 2 1/4" TYPE S DRYWALL SCREWS, 12" O.C. AND 1 1/2" TYPE G DRYWALL SCREWS MIDWAY BETWEEN STUDS 1" ABOVE AND BELOW HORIZONTAL JOINTS FOR RIGHT ANGLE APPLICATION.
- JOINTS STAGGERED 24" EACH LAYER AND SIDE.

- ④ 3 5/8" (MIN.) METAL STUDS, 24" ON CENTER (MAX.)
- PROPRIETARY GYPSUM BOARD:
UNITED STATES GYPSUM COMPANY -
1 / 2 " SHEETROCK® BRAND FIRECODE® C CORE GYPSUM PANELS

NEW WALL SECTION - 3 HOUR FIRE RATING

REF GYPSUM ASSOCIATION FILE NUMBER WP 2800



- ① METAL STUDS OF EXISTING BARRIER WALL.
 - ② GYPSUM WALLBOARD OF EXISTING BARRIER WALL.
 - ③ ONE LAYER 1/2" PROPRIETARY TYPE *X* GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED OVER COMMUNITY HALL SIDE OF EXISTING BARRIER WALL AND SECURED TO EXISTING STUDS WITH 2" TYPE S DRYWALL SCREWS, 24" O.C.
 - ④ 1 5/8" (MIN.) METAL STUDS SCREWED TO EXISTING WALL STUDS WITH 3 1/2 IN. LONG, #8 OR #10 STRUCTURAL STEEL SCREWS, 24" O.C.
 - ⑤ BASE LAYER 1/2" PROPRIETARY TYPE *X* GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL TO COMMUNITY HALL SIDE OF NEW 1 5/8" STEEL STUDS WITH 1" TYPE S DRYWALL SCREWS, 24" O.C.
 - ⑥ SECOND LAYER 1/2" PROPRIETARY TYPE *X* GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL TO COMMUNITY HALL SIDE OF NEW STUDS WITH 1 5/8" TYPE S DRYWALL SCREWS, 24" O.C.
 - ⑦ FACE LAYER 1/2" PROPRIETARY TYPE *X* GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO COMMUNITY HALL SIDE OF NEW STUDS WITH 2 1/4" TYPE S DRYWALL SCREWS, 12" O.C. AND 1 1/2" TYPE G DRYWALL SCREWS MIDWAY BETWEEN STUDS 1" ABOVE AND BELOW HORIZONTAL JOINTS FOR RIGHT ANGLE APPLICATION.
- JOINTS STAGGERED EACH LAYER.
- PROPRIETARY GYPSUM BOARD:
UNITED STATES GYPSUM COMPANY -
1 / 2 " SHEETROCK® BRAND FIRECODE® C CORE GYPSUM PANELS

BUILT-UP EXISTING WALL SECTION

3 HOUR FIRE RATING

PRELIMINARY DRAWING
NOT FOR CONSTRUCTION

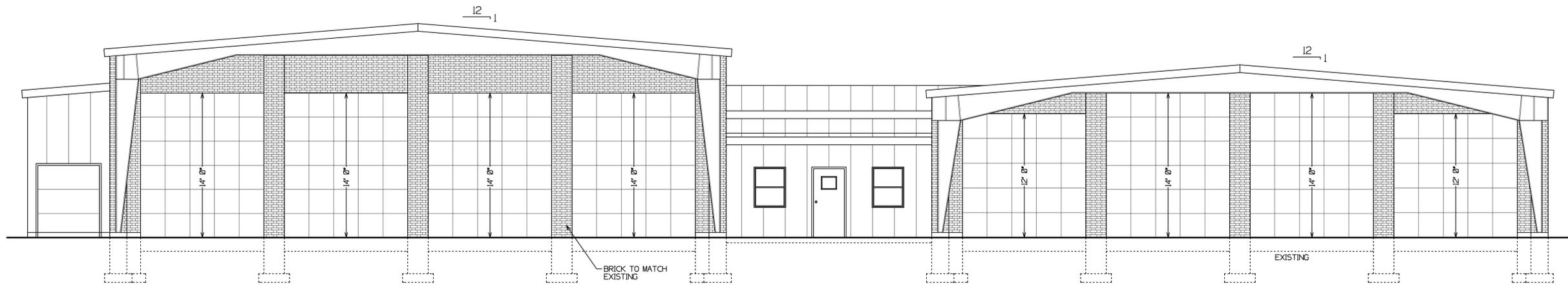
GENERAL NOTES

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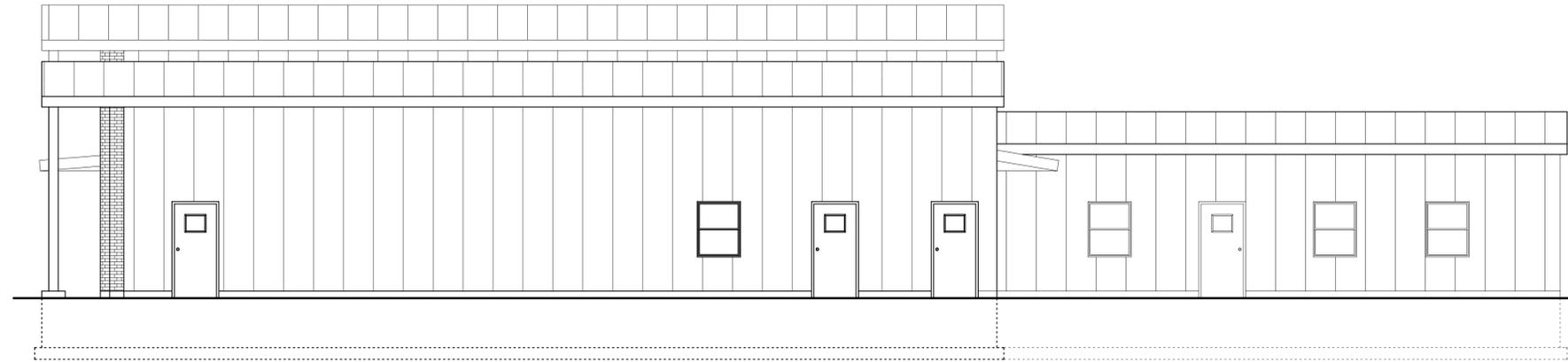
FIRE RATED WALL SECTIONS	REVISION	DATE
06/17/16		
SCALE	DATE	
NONE	07 JUL 17	
DRAWN BY	MS	
SHEET	A6	

FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. RIVER ROAD, VILLAGE OF NICHOLS
 TIOGA COUNTY, NEW YORK

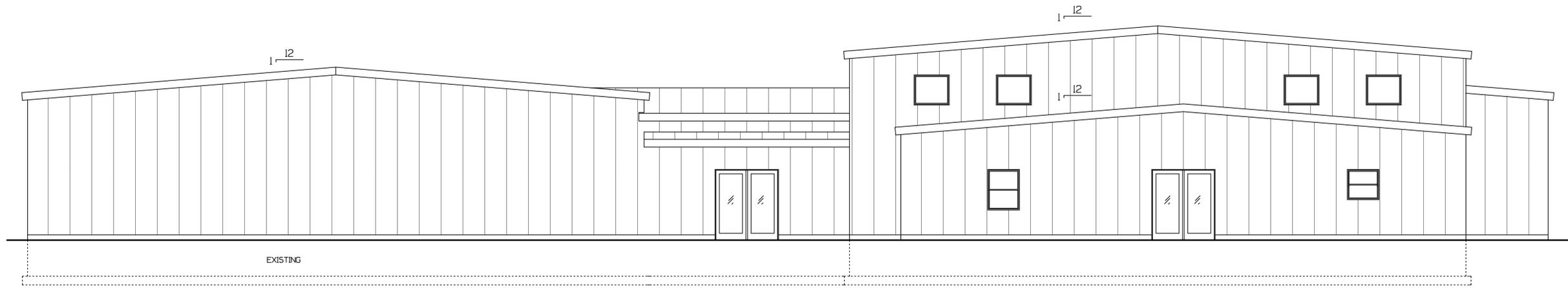
McIlwain Engineering
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 NEWARK VALLEY, NEW YORK 13811
 607-462-5300 MCELWAINENGINEERING.COM



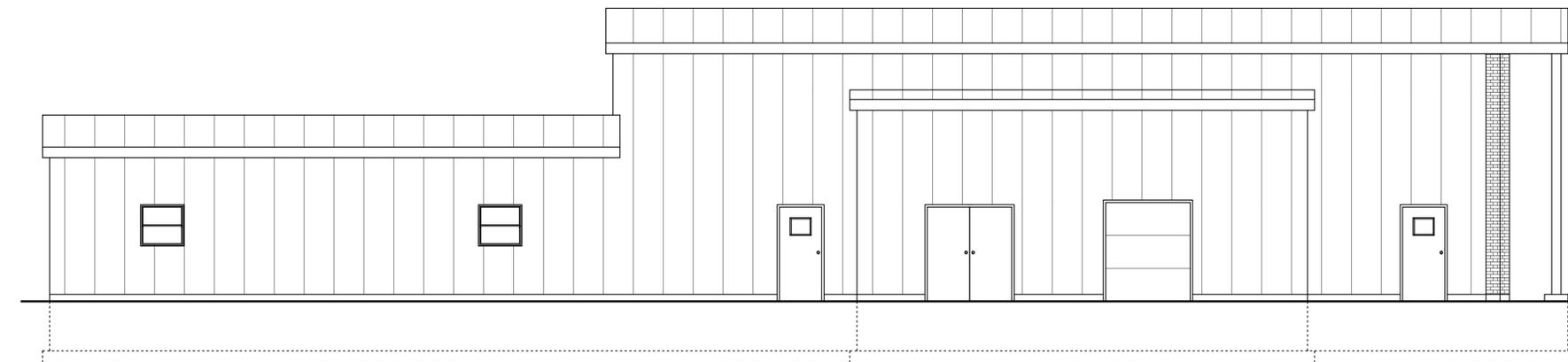
FRONT ELEVATION



RIGHT ELEVATION



REAR ELEVATION



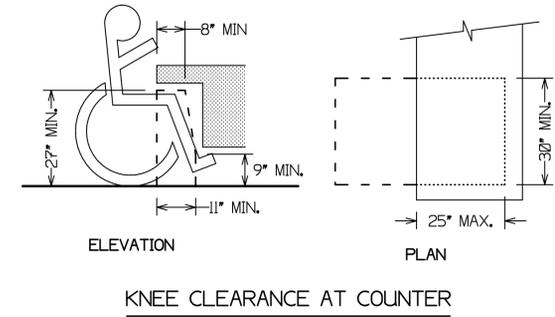
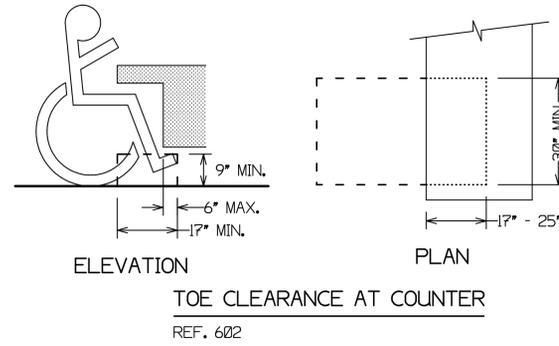
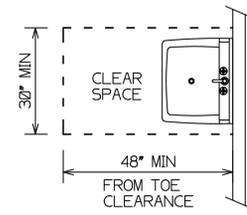
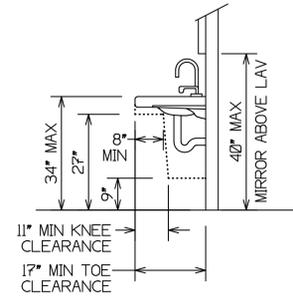
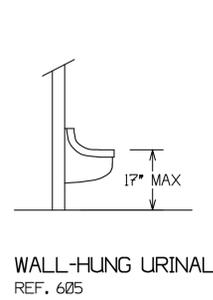
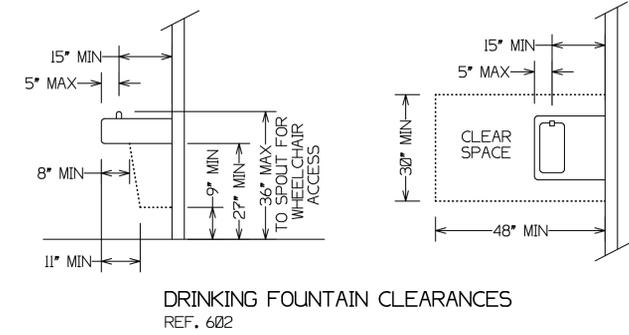
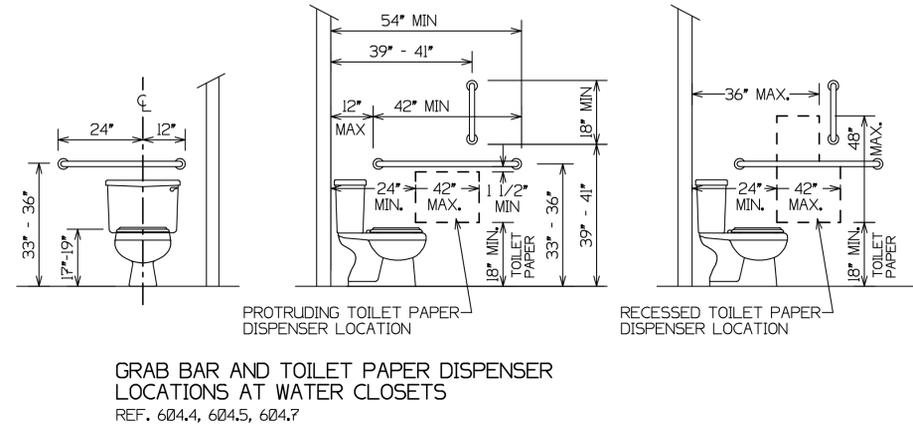
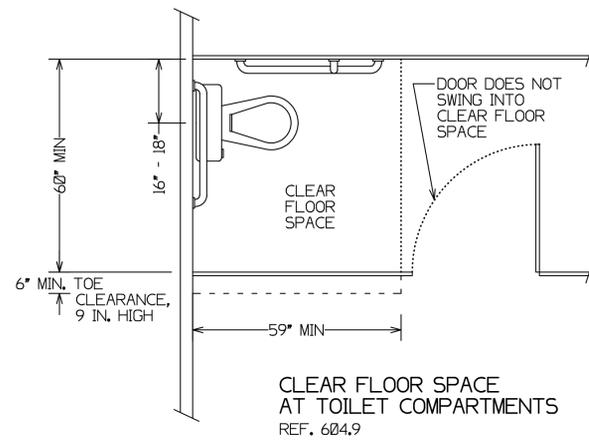
LEFT ELEVATION

GENERAL NOTES
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 2. ALL DRAWINGS AND DESIGN ARE THE PROPERTY OF MCLWAIN ENGINEERING. THE STAMP AND/OR SIGNATURE MUST BE IN ACCORDANCE WITH THE PROFESSIONAL SEAL AND EXPIRES ON 12/31/2017. THIS IS NOT AN OFFICIAL DESIGN FROM THIS DRAWING.

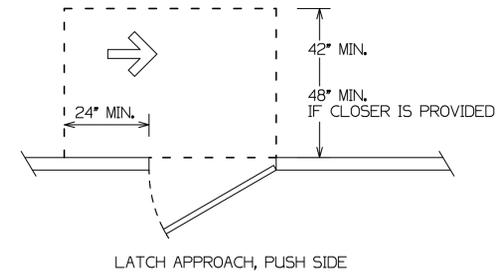
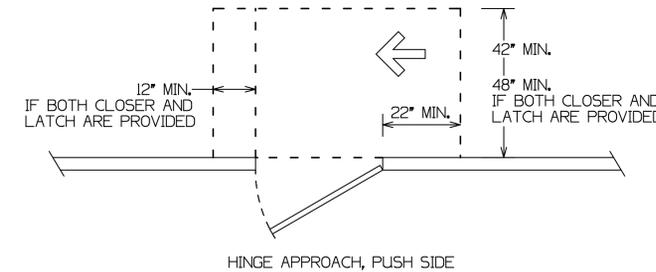
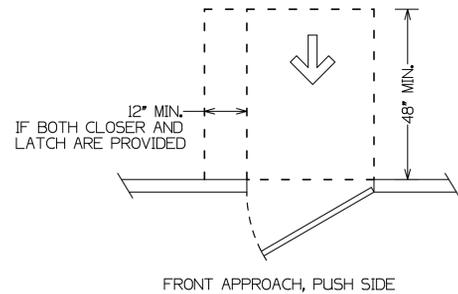
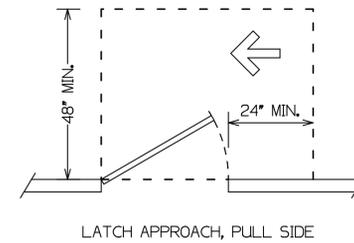
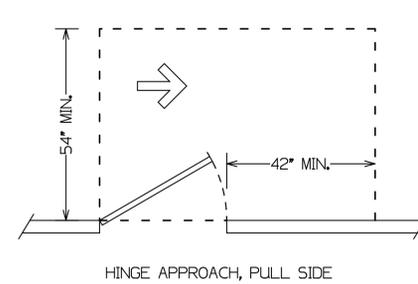
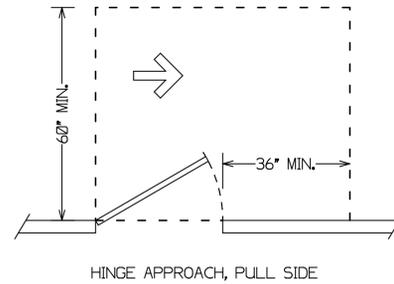
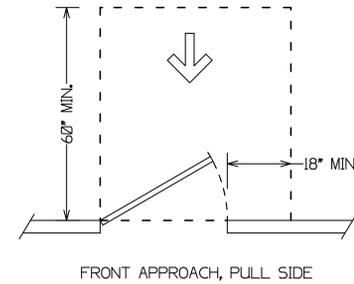
Mclwain Engineering
 PO BOX 127, 5 PARK STREET
 NEWARK VALLEY, NEW YORK 13811
 607-442-5300 MCLWAINENGINEERING@YAHOO.COM

FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. REVERE ROAD, VILLAGE OF NICHOLS
 TIOGA COUNTY, NEW YORK

ELEVATIONS	REVISED	MS	SHEET A7
DWG NO: 16025	DATE: 07 JUL 17	SCALE: 3/16" = 1' 0"	



ACCESSIBILITY DETAILS
REF. ICC/ANSI A117.1-2009
SCALE: 1/2" = 1'



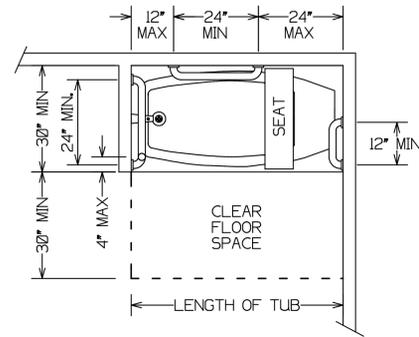
MANEUVERING CLEARANCE AT
MANUAL SWINGING DOORS
REF: ICC/ANSI A117.1-2003/SECT 404.2.3

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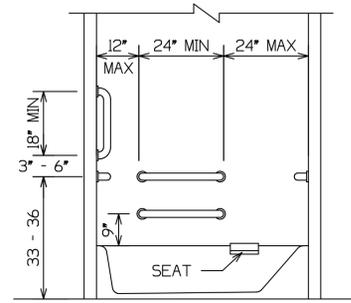
ACCESSIBILITY DETAILS/DOOR APPROACHES	REVISED DATE	DRAWN BY	SHEET
DWG NO: 16025		WHW	A8
SCALE: 1/2" = 1'			
	DATE: 07 JUL 17		

FIRE STATION ADDITION AND RENOVATION
NICHOLS JOINT FIRE DISTRICT
106 W. RIVER ROAD, VILLAGE OF NICHOLS
TIOGA COUNTY, NEW YORK

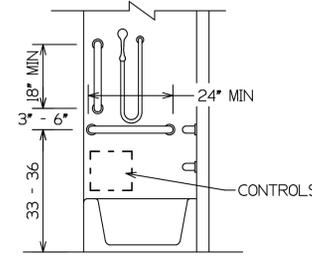
McIlwain
Engineering
PO BOX 127, 5 PARK STREET
NEWARK VALLEY, NEW YORK 13811
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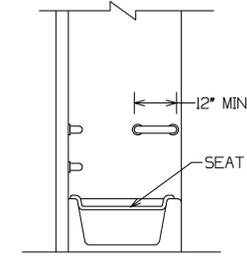
CLEAR FLOOR SPACE AND GRAB BAR LOCATIONS
REF. 607.2, 607.4.2



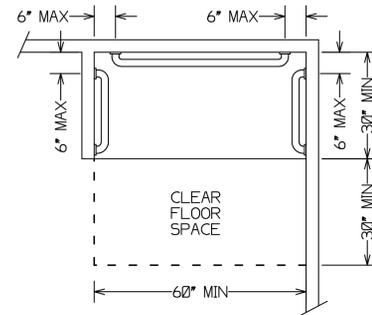
BACK WALL WITH GRAB BAR LOCATIONS
REF. 607.4.2.1



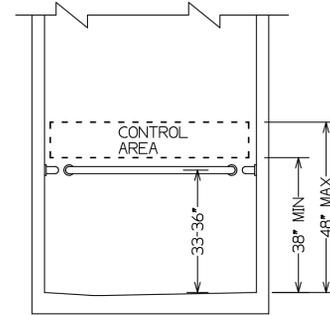
FOOT WALL WITH GRAB BAR & CONTROL LOCATIONS
REF. 607.4.2.2



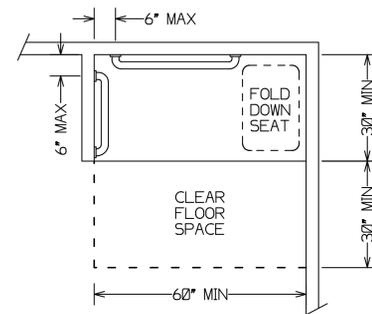
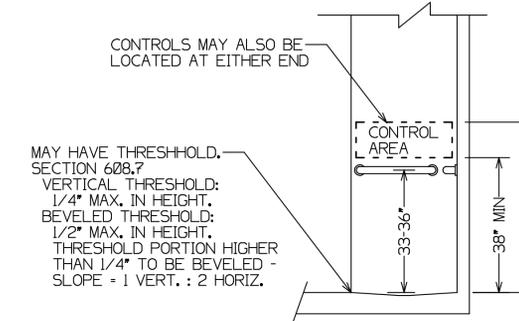
HEAD WALL WITH GRAB BAR LOCATIONS
REF. 607.4.2.3



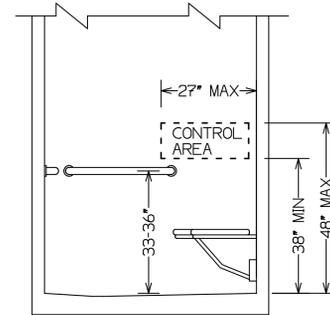
CLEAR FLOOR SPACE AND GRAB BAR LOCATIONS AT STANDARD ROLL-IN-TYPE SHOWER
REF. 608.2.2, 608.3.2



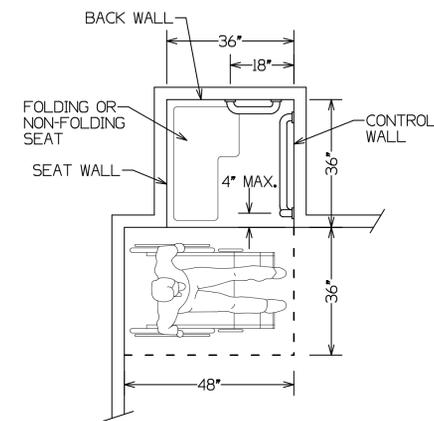
ROLL-IN SHOWER WITH GRAB BAR & AVAILABLE CONTROL LOCATIONS
REF. 608.3.2



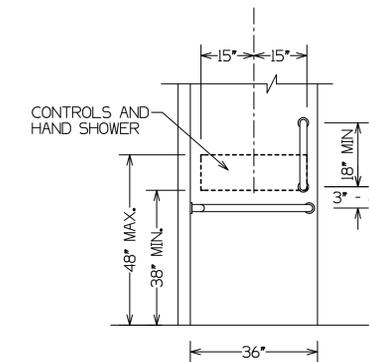
CLEAR FLOOR SPACE AND GRAB BAR LOCATIONS AT ROLL-IN SHOWER WITH FOLD DOWN SEAT
REF. 608.2.2, 608.3.2



ROLL-IN SHOWER WITH FOLD DOWN SEAT WITH GRAB BAR & CONTROL LOCATION
REF. 608.3.2



CLEAR FLOOR SPACE AND GRAB BAR LOCATIONS AT TRANSFER-TYPE SHOWER
REF. 608.2.1, 608.3.1



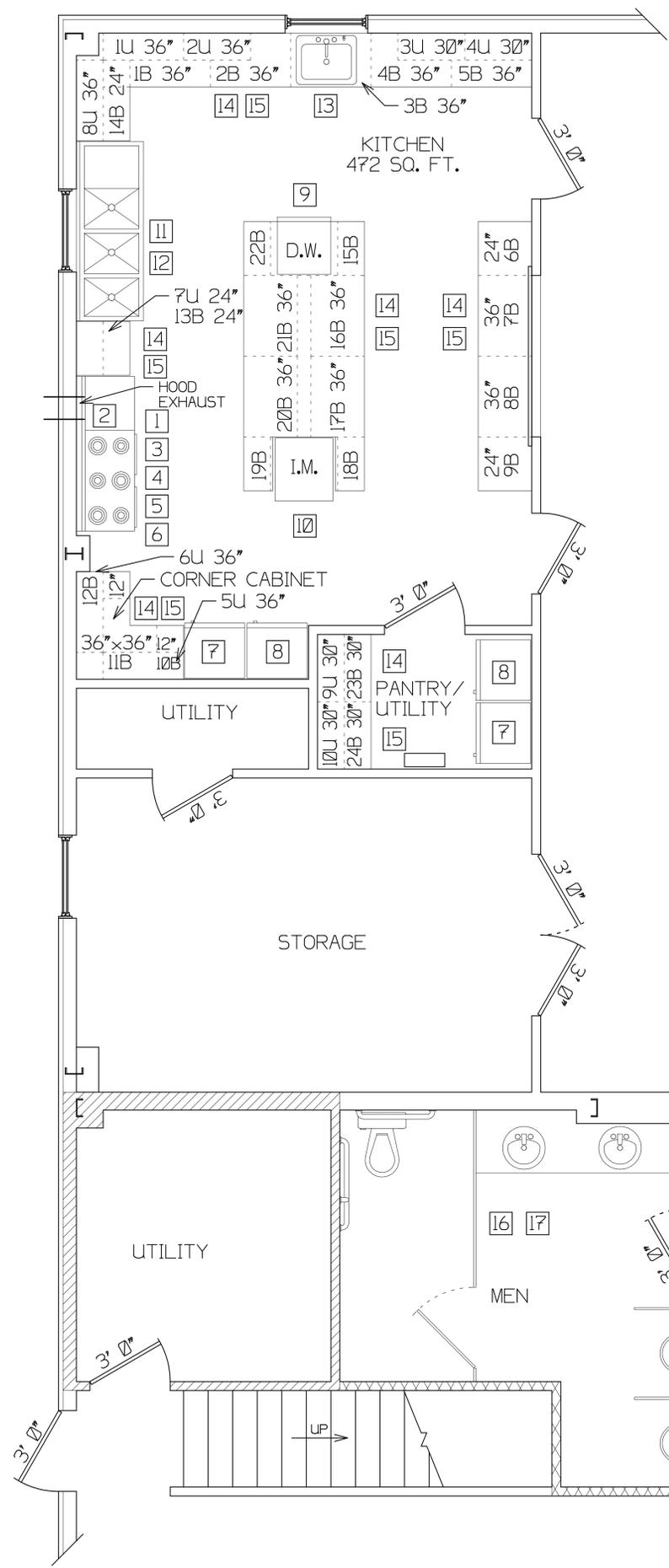
CONTROL WALL WITH GRAB BAR & CONTROL LOCATIONS
REF. 608.3.1, 608.5.1

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RESTROOMS	REVISED DATE	DRAWN BY	SHEET
016 TO 16025		WHW	A9
SCALE	DATE		
1/2" = 1' 0"	07 JUL 17		

FIRE STATION ADDITION AND RENOVATION
NICHOLS JOINT FIRE DISTRICT
106 W. RIVER ROAD, VILLAGE OF NICHOLS
TIOGA COUNTY, NEW YORK

McIlwain Engineering
PO BOX 127, 5 PARK STREET
NEWARK VALLEY, NEW YORK 13811
607-462-5500 MCELWAINENGINEERING@YAHOO.COM



EQUIPMENT SCHEDULE

SYMBOL 1

NO.	DESCRIPTION	MFG./VENDOR	CONTACT NO.
1	RANGE HOOD	PROVIDED BY OWNER	
2	EXHAUST FAN	PROVIDED BY OWNER	
3	MAKE UP AIR	PROVIDED BY OWNER	
4	FIRE SUPPRESSION	PROVIDED BY OWNER	
5	CURBS (SIDEWALL)	PROVIDED BY OWNER	
6	STOVE (GAS) - EXISTING	PROVIDED BY OWNER	
7	REFRIGERATOR (2) - (1) EXISTING	PROVIDED BY OWNER	
8	FREEZER (2) - (1) EXISTING	PROVIDED BY OWNER	
9	DISHWASHER	PROVIDED BY OWNER	
10	ICE MAKER	PROVIDED BY OWNER	
11	3 BAY SINK 90" x 27"	PROVIDED BY OWNER	
12	FAUCET	PROVIDED BY OWNER	
13	HAND SINK	PROVIDED BY OWNER	
14	KITCHEN CABINETS	CABINET SCHEDULE BELOW	
15	COUNTER TOPS	TO BE DETERMINED	
16	BATHROOM PARTITIONS	TO BE DETERMINED	
17	BATHROOM VANITIES	TO BE DETERMINED	
18	MOP SINK	PROVIDED BY OWNER	

CABINET SCHEDULE

NO.	WIDTH (IN.)	CABINET TYPE	DESCRIPTION	FINISH/MATERIAL
1B	36	BASE CABINET	1 DRAWER, 1 ADJUSTABLE SHELF	TO BE DETERMINED
2B	36	BASE CABINET	NO SHELVES	TO BE DETERMINED
3B	36	BASE CABINET	4 DRAWER	TO BE DETERMINED
4B	36	BASE CABINET	1 DRAWER, 1 ADJUSTABLE SHELF	TO BE DETERMINED
5B	36	BASE CABINET	2 SLIDE OUT SHELVES	TO BE DETERMINED
6B	30	BASE CABINET	2 SLIDE OUT SHELVES	TO BE DETERMINED
7B	36	BASE CABINET	1 DRAWER, 1 ADJUSTABLE SHELF	TO BE DETERMINED
8B	36	BASE CABINET	1 ADJUSTABLE SHELF, CORNER	TO BE DETERMINED
9B	30	BASE CABINET	1 DRAWER, 1 ADJUSTABLE SHELF	TO BE DETERMINED
10B	12	BASE CABINET	1 DRAWER, 1 ADJUSTABLE SHELF	TO BE DETERMINED
11B	36	BASE CABINET	1 ADJUSTABLE SHELF, CORNER	TO BE DETERMINED
12B	18	BASE CABINET	2 DEEP DRAWERS	TO BE DETERMINED
13B	36	BASE CABINET	2 DEEP DRAWERS	TO BE DETERMINED
14B	30	BASE CABINET	2 DEEP DRAWERS	TO BE DETERMINED
15B	12	BASE CABINET	36" x 84" PANTRY CABINET	TO BE DETERMINED
16B	36	BASE CABINET	36" x 84" PANTRY CABINET	TO BE DETERMINED
17B	36	BASE CABINET	36" x 84" PANTRY CABINET	TO BE DETERMINED
18B	12	BASE CABINET	4 DRAWER	TO BE DETERMINED
19B	12	BASE CABINET	2 DEEP DRAWERS	TO BE DETERMINED
20B	36	BASE CABINET	2 DEEP DRAWERS	TO BE DETERMINED
21B	36	BASE CABINET	4 DRAWER	TO BE DETERMINED
22B	12	BASE CABINET	4 DRAWER	TO BE DETERMINED
23B	30	BASE CABINET	4 DRAWER	TO BE DETERMINED
24B	30	BASE CABINET	4 DRAWER	TO BE DETERMINED
1U	36	UPPER CABINET	ADJUSTABLE SHELF	TO BE DETERMINED
2U	36	UPPER CABINET	ADJUSTABLE SHELF	TO BE DETERMINED
3U	30	UPPER CABINET	ADJUSTABLE SHELF	TO BE DETERMINED
4U	30	UPPER CABINET	ADJUSTABLE SHELF	TO BE DETERMINED
5U	36	UPPER CABINET	ADJUSTABLE SHELF	TO BE DETERMINED
6U	36	UPPER CABINET	ADJUSTABLE SHELF	TO BE DETERMINED
7U	36	UPPER CABINET	ADJUSTABLE SHELF	TO BE DETERMINED
8U	36	UPPER CABINET	ADJUSTABLE SHELF	TO BE DETERMINED
9U	30	UPPER CABINET	ADJUSTABLE SHELF	TO BE DETERMINED
10U	30	UPPER CABINET	ADJUSTABLE SHELF	TO BE DETERMINED

NOTE: CABINETS WITH ADJUSTABLE SHELVING TO HAVE RECESSED METAL SHELF STANDARDS WITH METAL SHELF CLIPS

PRELIMINARY DRAWING
NOT FOR CONSTRUCTION

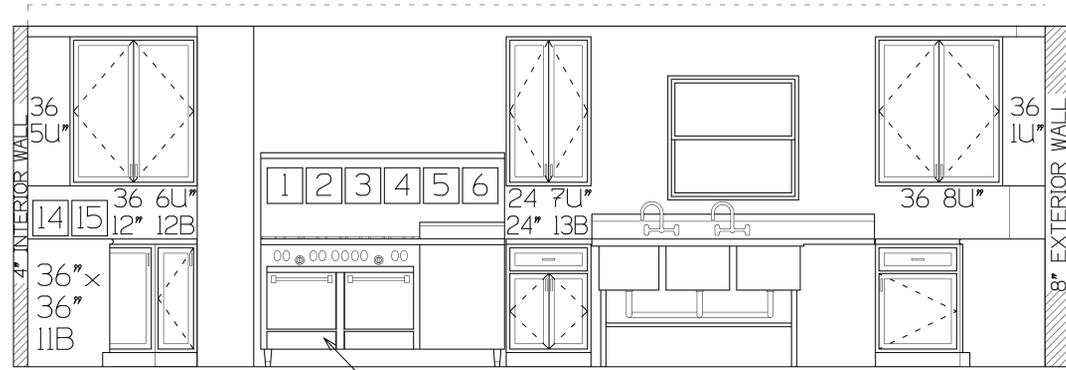
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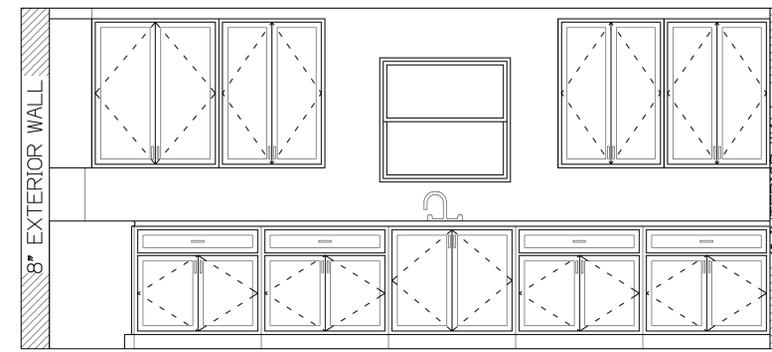
EQUIPMENT PLAN
 DWG NO: 16025
 SCALE: 3/8" = 1' 0"
 DATE: 07 JUL 17
 DRAWN BY: MS
 SHEET: K1

FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. REVER ROAD, VILLAGE OF NICHOLS
 TIOGA COUNTY, NEW YORK

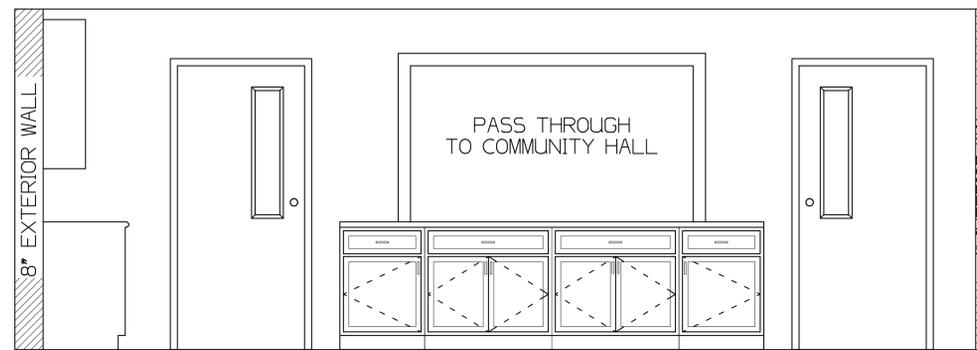
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 607-462-5300 MCIWAINENGINEERING@AOL.COM



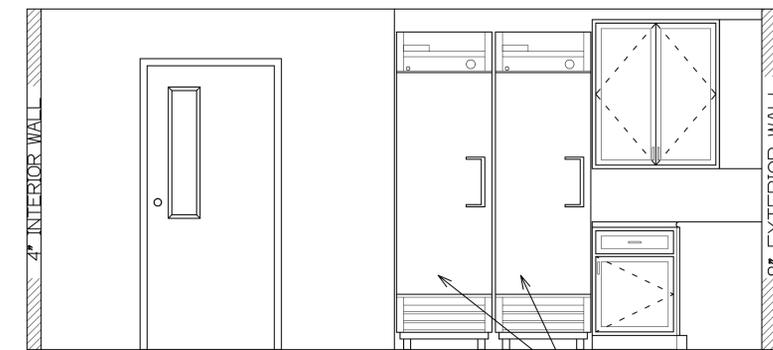
SEE NOTE K1
EAST ELEVATION



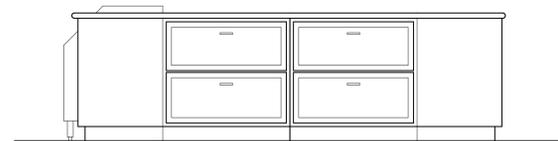
SOUTH ELEVATION



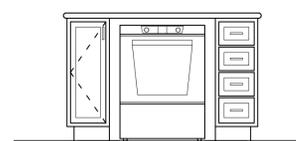
WEST ELEVATION



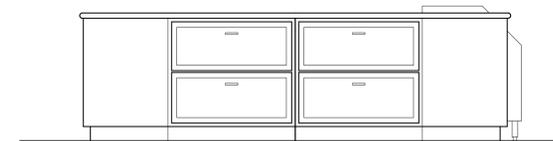
NORTH ELEVATION
SEE NOTE K1



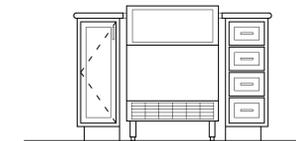
ISLAND WEST
SIDE ELEVATION



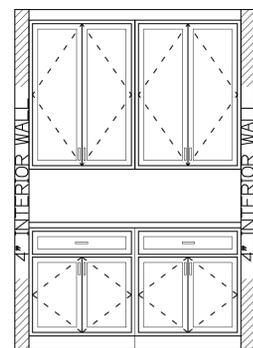
ISLAND SOUTH
END ELEVATION



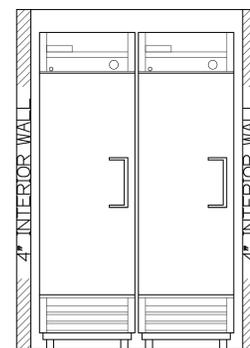
ISLAND EAST
SIDE ELEVATION



ISLAND NORTH
END ELEVATION



PANTRY/UTILITY
WEST ELEVATION



PANTRY/UTILITY
EAST ELEVATION

PRELIMINARY DRAWING
NOT FOR CONSTRUCTION

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KITCHEN ELEVATIONS	REV DATE	MS
08/10/16/025		
SCALE 1/2" = 1' 0"	DATE 07 JUL 17	SHEET K2

FIRE STATION ADDITION AND RENOVATION
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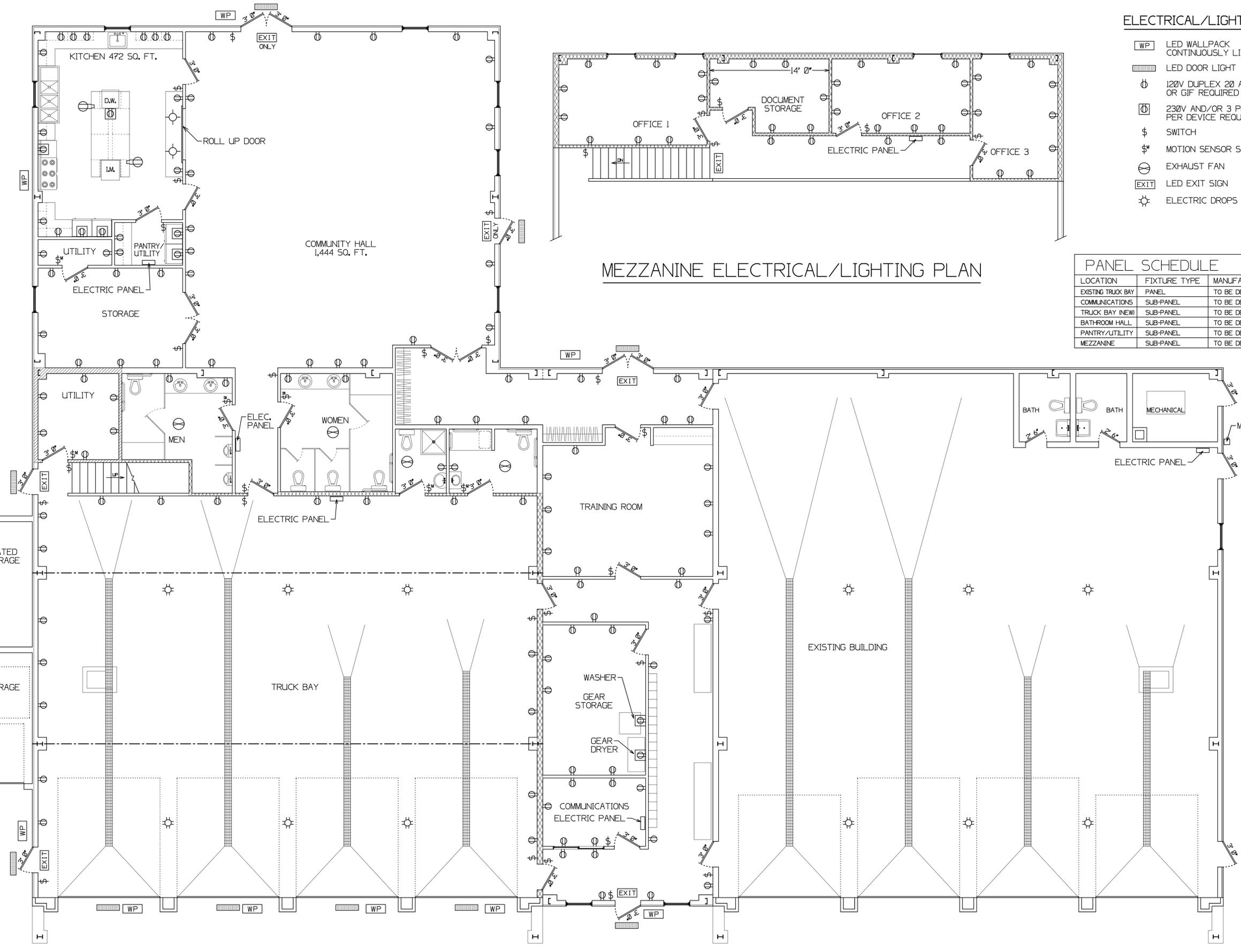
ELECTRICAL/LIGHTING LEGEND

- WP LED WALLPACK
CONTINUOUSLY LIT DUSK TO DAWN
- LED DOOR LIGHT
- 120V DUPLEX 20 AMP OUTLET
OR GIF REQUIRED BY NEC
- 230V AND/OR 3 PHASE OUTLET
PER DEVICE REQUIREMENT
- \$ SWITCH
- \$M MOTION SENSOR SWITCH
- EXHAUST FAN
- EXIT LED EXIT SIGN
- ELECTRIC DROPS - TRUCK BAY

PANEL SCHEDULE

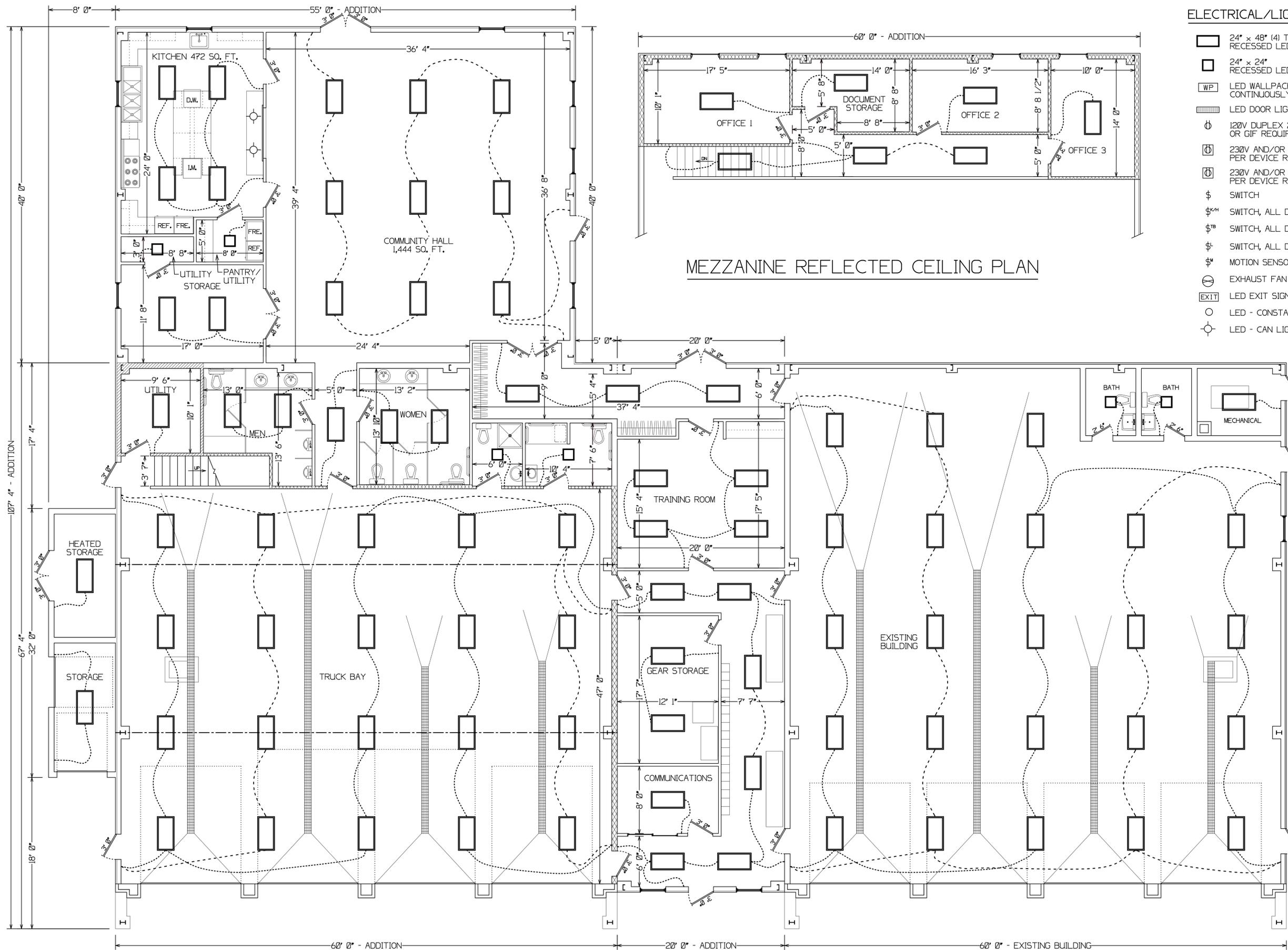
LOCATION	FIXTURE TYPE	MANUFACTURER	SPECIFICATIONS
EXISTING TRUCK BAY	PANEL	TO BE DETERMINED	200-400 AMP
COMMUNICATIONS	SUB-PANEL	TO BE DETERMINED	200 AMP
TRUCK BAY (NEW)	SUB-PANEL	TO BE DETERMINED	200 AMP
BATH-ROOM HALL	SUB-PANEL	TO BE DETERMINED	200 AMP
PANTRY/UTILITY	SUB-PANEL	TO BE DETERMINED	200 AMP
MEZZANINE	SUB-PANEL	TO BE DETERMINED	200 AMP

MEZZANINE ELECTRICAL/LIGHTING PLAN



FIRST FLOOR ELECTRICAL/LIGHTING PLAN

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MEZZANINE REFLECTED CEILING PLAN

FIRST FLOOR REFLECTED CEILING PLAN

ELECTRICAL/LIGHTING LEGEND

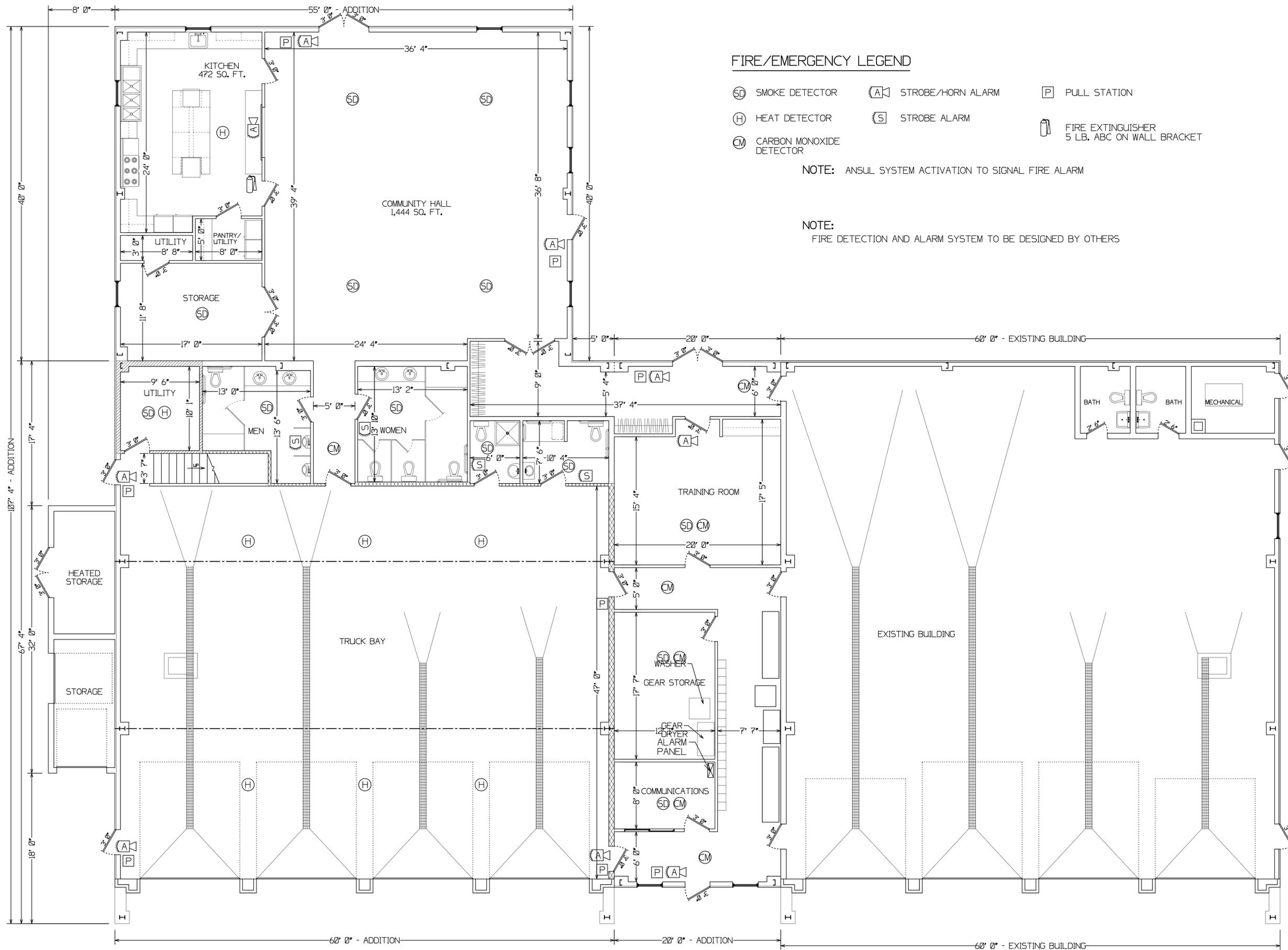
- 24" x 48" (4) TUBE RECESSED LED
- 24" x 24" RECESSED LED
- LED WALLPACK CONTINUOUSLY LIT DUSK TO DAWN
- LED DOOR LIGHT
- 120V DUPLEX 20 AMP OUTLET OR GFI REQUIRED BY NEC
- 230V AND/OR 3 PHASE OUTLET PER DEVICE REQUIREMENT
- 230V AND/OR 3 PHASE OUTLET PER DEVICE REQUIREMENT
- SWITCH
- SWITCH, ALL DOORS, KITCHEN, HALL
- SWITCH, ALL DOORS, TRUCK BAYS
- SWITCH, ALL DOORS, LOUNGE/TRAINING AREA
- MOTION SENSOR SWITCH
- EXHAUST FAN
- LED EXIT SIGN
- LED - CONSTANT LIGHTING
- LED - CAN LIGHT

GENERAL NOTES
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REFLECTED CEILING PLANS	REVISE DATE	DRAWN BY	MS	SHEET	E2
06/10/16/025		3/16" = 1' 0"		07	JUL 17

FIRE STATION ADDITION AND RENOVATION
 NICHOLS JOINT FIRE DISTRICT
 106 W. RIVER ROAD, VILLAGE OF NICHOLS
 TIOGA COUNTY, NEW YORK

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FIRE/EMERGENCY LEGEND

- SD SMOKE DETECTOR
- H HEAT DETECTOR
- CM CARBON MONOXIDE DETECTOR
- A STROBE/HORN ALARM
- S STROBE ALARM
- P PULL STATION
- FIRE EXTINGUISHER 5 LB. ABC ON WALL BRACKET

NOTE: ANSUL SYSTEM ACTIVATION TO SIGNAL FIRE ALARM

NOTE:
FIRE DETECTION AND ALARM SYSTEM TO BE DESIGNED BY OTHERS

LIFE SAFETY PLAN

GENERAL NOTES

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LIFE SAFETY PLAN	REV. DATE
DWG NO: 16025	DRAWN BY: MS
SCALE: 3/16" = 1' 0"	DATE: 07 JUL 17
	SHEET: F1

FIRE STATION ADDITION AND RENOVATION
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EXHAUST REMOVAL PLAN	REV. DATE	DRAWN BY	SHEET
06/10/16/025		MS	MI
SCALE 3/16" = 1' 0"	DATE 07 JUL 17		

EXHAUST SYSTEM LEGEND

-  FLEXIBLE HOSE TO CEILING TO EXHAUST
-  EXHAUST DUCT

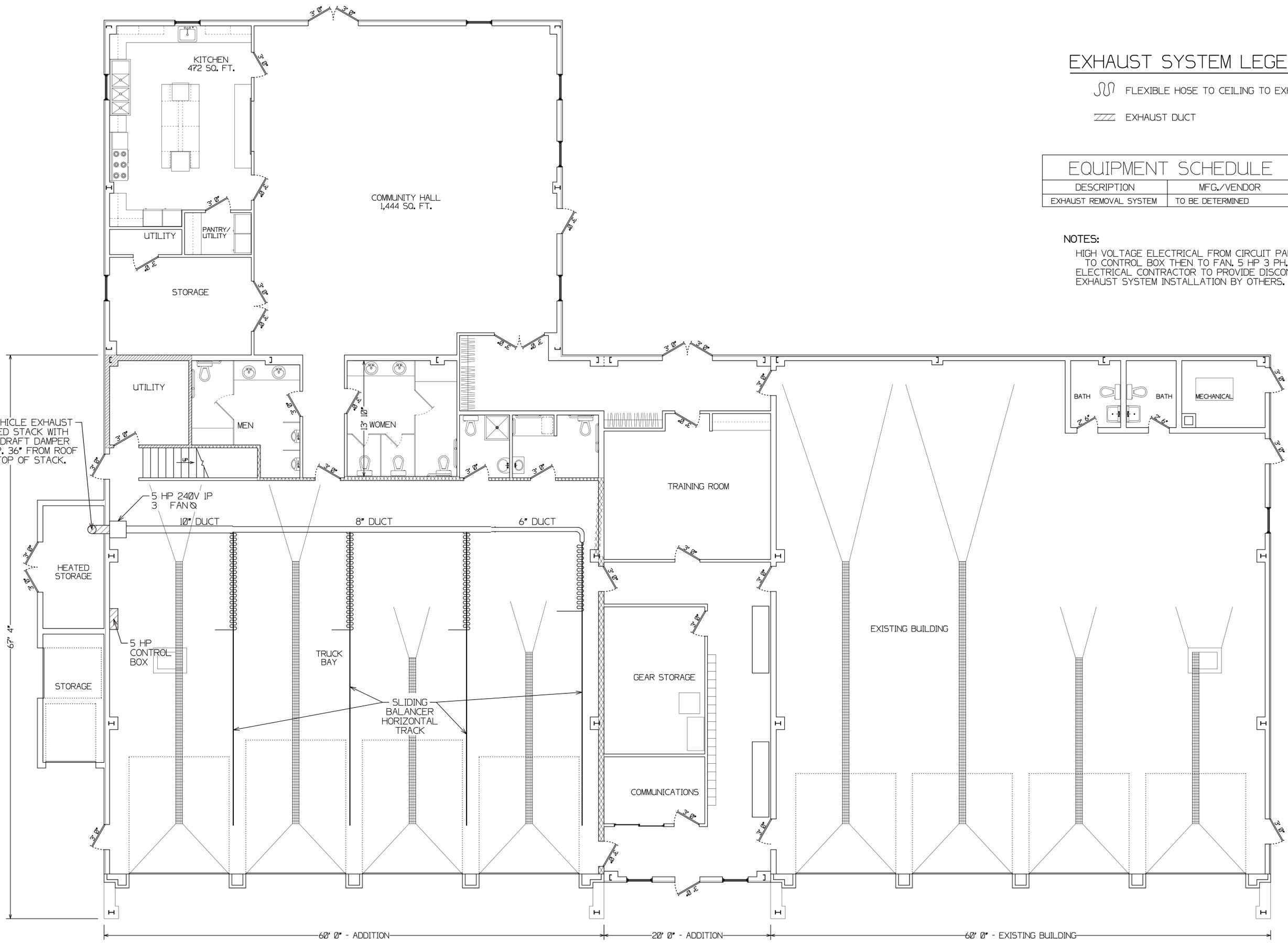
EQUIPMENT SCHEDULE

DESCRIPTION	MFG./VENDOR	CONTACT NO.
EXHAUST REMOVAL SYSTEM	TO BE DETERMINED	

NOTES:

HIGH VOLTAGE ELECTRICAL FROM CIRCUIT PANEL TO CONTROL BOX THEN TO FAN, 5 HP 3 PH, 13 AMPS. ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT ONLY. EXHAUST SYSTEM INSTALLATION BY OTHERS.

12" VEHICLE EXHAUST DUCTED STACK WITH ANTI-DRAFT DAMPER ON TOP, 36" FROM ROOF TO TOP OF STACK.

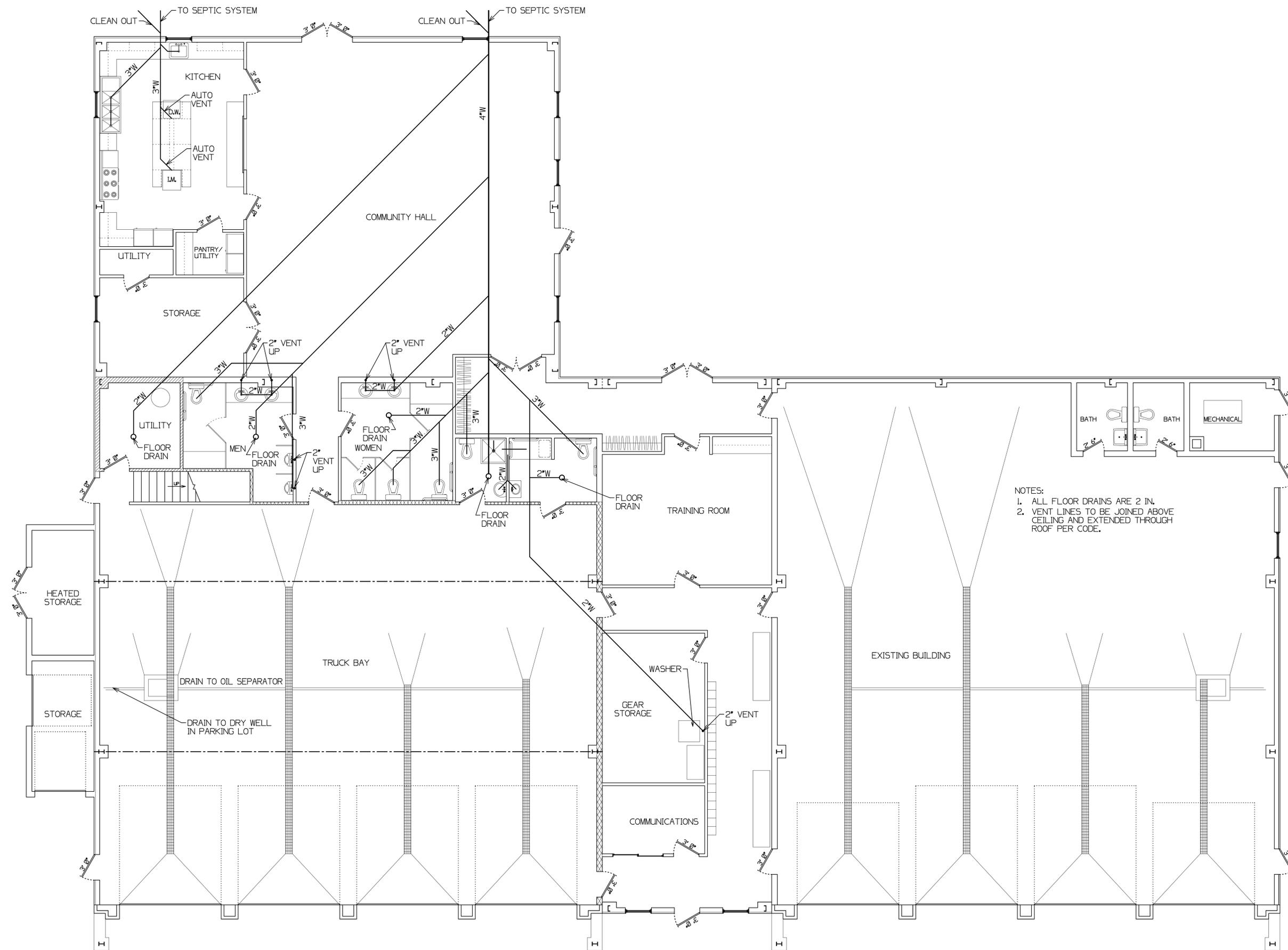


EXHAUST REMOVAL PLAN

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NOTES:
 1. ALL FLOOR DRAINS ARE 2 IN.
 2. VENT LINES TO BE JOINED ABOVE CEILING AND EXTENDED THROUGH ROOF PER CODE.

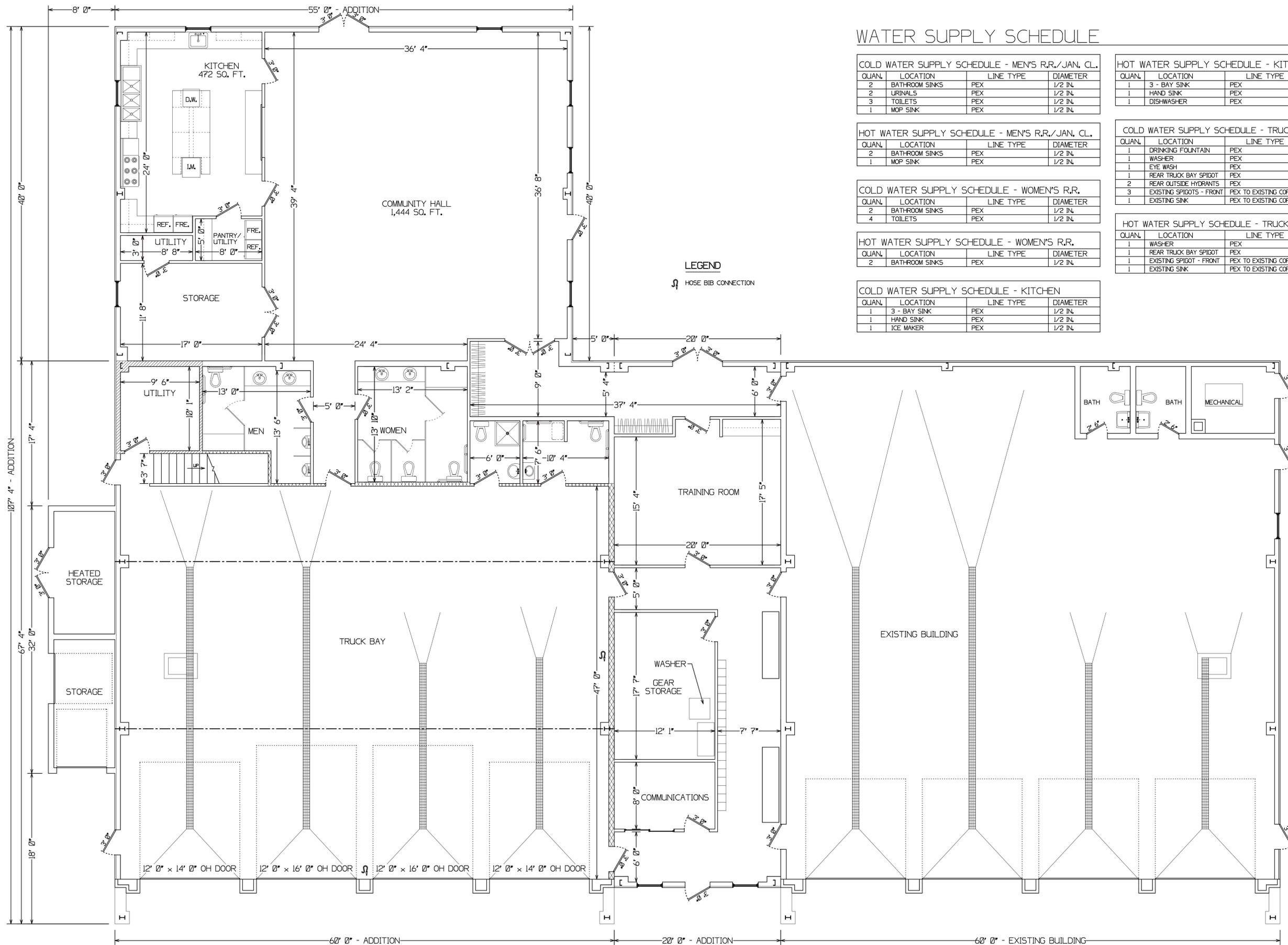
FIRST FLOOR PLUMBING WASTE PLAN

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PLUMBING PLAN	REV/DATE
016/10/16/025	
SCALE 3/16" = 1' 0"	DRAWN BY MS
DATE 07 JUL 17	SHEET P1

FIRE STATION ADDITION AND RENOVATION
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WATER SUPPLY SCHEDULE

COLD WATER SUPPLY SCHEDULE - MEN'S R.R./JAN. CL.

QUAN.	LOCATION	LINE TYPE	DIAMETER
2	BATHROOM SINKS	PEX	1/2 IN.
2	URINALS	PEX	1/2 IN.
3	TOILETS	PEX	1/2 IN.
1	MOP SINK	PEX	1/2 IN.

HOT WATER SUPPLY SCHEDULE - KITCHEN

QUAN.	LOCATION	LINE TYPE	DIAMETER
1	3 - BAY SINK	PEX	1/2 IN.
1	HAND SINK	PEX	1/2 IN.
1	DISHWASHER	PEX	1/2 IN.

HOT WATER SUPPLY SCHEDULE - MEN'S R.R./JAN. CL.

QUAN.	LOCATION	LINE TYPE	DIAMETER
2	BATHROOM SINKS	PEX	1/2 IN.
1	MOP SINK	PEX	1/2 IN.

COLD WATER SUPPLY SCHEDULE - TRUCK BAY/LOUNGE

QUAN.	LOCATION	LINE TYPE	DIAMETER
1	DRINKING FOUNTAIN	PEX	1/2 IN.
1	WASHER	PEX	3/4 IN.
1	EYE WASH	PEX	3/4 IN.
1	REAR TRUCK BAY SPIGOT	PEX	3/4 IN.
2	REAR OUTSIDE HYDRANTS	PEX	3/4 IN.
3	EXISTING SPIGOTS - FRONT	PEX TO EXISTING COPPER	3/4 IN.
1	EXISTING SINK	PEX TO EXISTING COPPER	3/4 IN.

COLD WATER SUPPLY SCHEDULE - WOMEN'S R.R.

QUAN.	LOCATION	LINE TYPE	DIAMETER
2	BATHROOM SINKS	PEX	1/2 IN.
4	TOILETS	PEX	1/2 IN.

HOT WATER SUPPLY SCHEDULE - TRUCK BAY/LOUNGE

QUAN.	LOCATION	LINE TYPE	DIAMETER
1	WASHER	PEX	3/4 IN.
1	REAR TRUCK BAY SPIGOT	PEX	3/4 IN.
1	EXISTING SPIGOT - FRONT	PEX TO EXISTING COPPER	3/4 IN.
1	EXISTING SINK	PEX TO EXISTING COPPER	3/4 IN.

HOT WATER SUPPLY SCHEDULE - WOMEN'S R.R.

QUAN.	LOCATION	LINE TYPE	DIAMETER
2	BATHROOM SINKS	PEX	1/2 IN.

COLD WATER SUPPLY SCHEDULE - KITCHEN

QUAN.	LOCATION	LINE TYPE	DIAMETER
1	3 - BAY SINK	PEX	1/2 IN.
1	HAND SINK	PEX	1/2 IN.
1	ICE MAKER	PEX	1/2 IN.

LEGEND
 HOSE BIB CONNECTION

FIRST FLOOR WATER SUPPLY PLAN

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WATER SUPPLY PLAN

DATE	07 JUL 17	SHEET	P2
SCALE	3/16" = 1' 0"	DRAWN BY	MS
DATE	07 JUL 17	SHEET	P2

FIRE STATION ADDITION AND RENOVATION
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PLUMBING LOCATION ORIGIN
X
Y

PLUMBING LOCATION MAP

NO.	FIXTURE	X	Y	DRAIN LINE SIZE
1	3 BAY SINK	2' 0"	7' 1"	3 IN. LD.
2	HAND SINK	10' 0"	1' 9"	2 IN. LD.
3	DISHWASHER	9' 2"	9' 7 1/2"	2 IN. LD.
4	ICE MAKER	9' 2"	15' 8 1/2"	2 IN. LD.
5	MECHANICAL ROOM FLOOR DRAIN	4' 8"	47' 0"	2 IN. LD.
6	ACCESSIBLE MENS TOILET	12' 1"	42' 6 1/2"	3 IN. LD.
7	MENS BATH SINKS	20' 11 1/2"	40' 4"	2 IN. LD.
8	MENS ROOM FLOOR DRAIN	19' 1"	47' 0"	2 IN. LD.
9	URINAL	23' 8"	49' 8 1/2"	3 IN. LD.
10	URINAL	23' 8"	53' 0 1/2"	3 IN. LD.
11	WOMENS BATH SINKS	32' 0 1/2"	40' 4"	2 IN. LD.
12	WOMENS ROOM FLOOR DRAIN	34' 9 1/2"	44' 5 1/2"	2 IN. LD.
13	WOMENS TOILET	31' 3"	52' 8"	3 IN. LD.
14	WOMENS TOILET	35' 4"	52' 8"	3 IN. LD.
15	ACCESSIBLE WOMENS TOILET	40' 9"	52' 8"	3 IN. LD.
16	TOILET	44' 0"	49' 0"	3 IN. LD.
17	SHOWER	47' 2"	48' 8"	2 IN. LD.
18	BATH FLOOR DRAIN	46' 7"	51' 7 1/2"	2 IN. LD.
19	BATH SINK	47' 9"	53' 2"	2 IN. LD.
20	BATH SINK	49' 10"	53' 2"	2 IN. LD.
21	ACCESSIBLE SHOWER	51' 0 1/2"	58' 5 1/2"	2 IN. LD.
22	BATH FLOOR DRAIN	55' 3"	51' 10"	2 IN. LD.
23	ACCESSIBLE TOILET	57' 9"	49' 0"	3 IN. LD.
24	CLOTHES WASHER	77' 10 1/2"	81' 7"	2 IN. LD.
25	HOSE RISER	59' 1 1/2"	77' 6"	2 IN. LD.
26	HOSE RISER	30' 0"	101' 6"	2 IN. LD.



NOTES:
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PLUMBING FIXTURE LOCATION PLAN

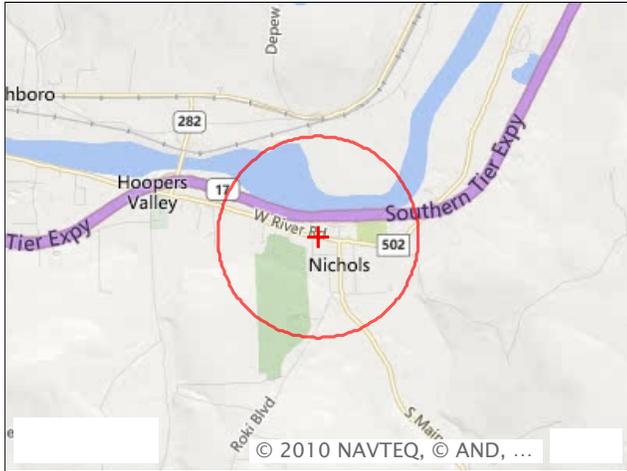
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PLUMBING FIXTURE LOCATION PLAN
 DWG NO: 16025
 SCALE: 3/16" = 1' 0"
 DATE: 07 JUL 17
 DRAWN BY: MS
 SHEET: P3

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Appendix C



Report question: **Within 3000 feet of a hazardous waste (RCRA) facility?** **yes**
 Modify question by entering a new buffer distance and unit for the selected study area:

Features within Study Area

Features found: 3

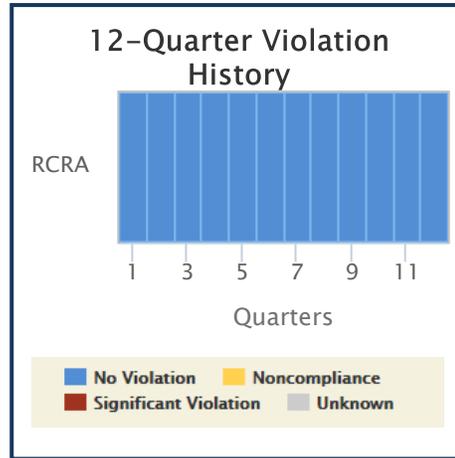
	Name	Distance	Units
	NICHOLS AGWAY COOP INC	594.02	feet
	DOLLAR GENERAL STORE #10153	882.89	feet
	SERVICE STATION	1754.47	feet

Detailed Facility Report

Facility Summary

DOLLAR GENERAL STORE #10153
65 E RIVER RD, NICHOLS, NY 13812 ⓘ

FRS (Facility Registry Service) ID: 110058880322
 EPA Region: 02
 Latitude: 42.02181
 Longitude: -76.36601
 Locational Data Source: FRS
 Industry: General Merchandise Stores
 Indian Country: N



Enforcement and Compliance Summary ⚠️

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs in NC (Non-Compliance) (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
RCRA	--	--	No Violation	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information
 Clean Water Act (CWA): No Information
 Resource Conservation and Recovery Act (RCRA): Active (H) CESQG (NYR000208090)
 Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
 Greenhouse Gas Emissions (eGGRT): No Information
 Toxic Releases (TRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110058880322					N	42.02181	-76.36601
RCR	RCRA	NYR000208090	CESQG	Active (H)			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110058880322	DOLLAR GENERAL STORE #10153	65 E RIVER RD, NICHOLS, NY 13812
RCR	RCRA	NYR000208090	DOLLAR GENERAL STORE #10153	65 E RIVER RD, NICHOLS, NY 13812

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Desc
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCR	NYR000208090	452990	All Other General Merchandise Stores

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
No data records returned						

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Non-Compliance) / HPV (High Priority Violation)	Description	Current As Of	Qtrs in NC (Non-Compliance) (of 12)
RCRA	NYR000208090	No		07/22/2017	0

Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
RCRA (Source ID: NYR000208090)													
RCRA	Facility-Level Status	07/01-09/30/14	10/01-12/31/14	01/01-03/31/15	04/01-06/30/15	07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Formal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
No data records returned						

ICIS (Integrated Compliance Information System) Case History (5 years)

Primary Law/Section	Case No.	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP (Supplemental Environmental Project) Cost	Comp Action Cost
No data records returned										

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (Reach Address Database)	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD) (Reach Address Database)	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned									

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
No data records returned							

Air Quality

Non-Attainment Area?	Pollutant(s)
No	Ozone
No	Lead
Yes	Particulate Matter
No	Sulfur Dioxide

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	97%	Households in Area:	941
Center Latitude:	42.02129	Water Area:	3%	Housing Units in Area:	1,051
Center Longitude:	-76.36586	Population Density:	89/sq.mi.	Households on Public Assistance:	53
Total Persons:	2,443	Percent Minority:	2%	Persons Below Poverty Level:	814

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
White:	2,415 (99%)	Child 5 years and younger:	148 (6%)
African-American:	5 (0%)	Minors 17 years and younger:	598 (24%)
Hispanic-Origin:	29 (1%)	Adults 18 years and older:	1,845 (76%)
Asian/Pacific Islander:	5 (0%)	Seniors 65 years and older:	396 (16%)
American Indian:	1 (0%)		
Other/Multiracial:	17 (1%)		

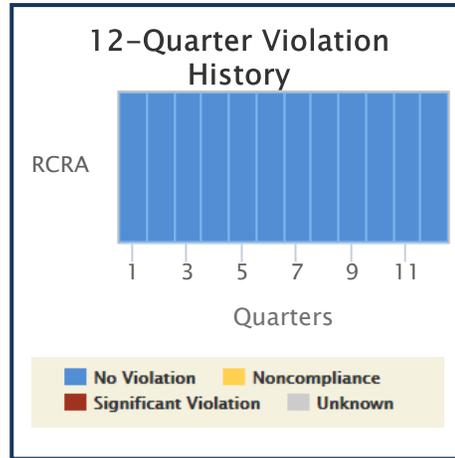
Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)
Less than 9th Grade:	55 (3.08%)	Less than \$15,000:	115 (11.75%)
9th through 12th Grade:	240 (13.46%)	\$15,000 - \$25,000:	134 (13.69%)
High School Diploma:	805 (45.15%)	\$25,000 - \$50,000:	241 (24.62%)
Some College/2-yr:	408 (22.88%)	\$50,000 - \$75,000:	215 (21.96%)
B.S./B.A. or More:	275 (15.42%)	Greater than \$75,000:	274 (27.99%)

Detailed Facility Report

Facility Summary

NICHOLS AGWAY COOP INC
4 MAIN ST, NICHOLS, NY 13812 ⓘ

FRS (Facility Registry Service) ID: 110001586490
EPA Region: 02
Latitude: 42.02184
Longitude: -76.367078
Locational Data Source: FRS
Industry: No description found
Indian Country: N



Enforcement and Compliance Summary ⚠️

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs in NC (Non-Compliance) (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
RCRA	--	--	No Violation	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information
 Clean Water Act (CWA): No Information
 Resource Conservation and Recovery Act (RCRA): Inactive () Other (NYD986881456)
 Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
 Greenhouse Gas Emissions (eGGRT): No Information
 Toxic Releases (TRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110001586490					N	42.02184	-76.367078
RCR	RCRA	NYD986881456	Other	Inactive ()			N	42.021838	-76.367052

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110001586490	NICHOLS AGWAY COOP INC	4 MAIN ST, NICHOLS, NY 13812
RCR	RCRA	NYD986881456	NICHOLS AGWAY COOP INC	4 MAIN ST, NICHOLS, NY 13812

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Desc
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
No data records returned						

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Non-Compliance) /HPV (High Priority Violation)	Description	Current As Of	Qtrs in NC (Non-Compliance) (of 12)
RCRA	NYD986881456	No		07/22/2017	0

Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
RCRA (Source ID: NYD986881456)		07/01-09/30/14	10/01-12/31/14	01/01-03/31/15	04/01-06/30/15	07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17
RCRA	Facility-Level Status												

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Formal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
No data records returned						

ICIS (Integrated Compliance Information System) Case History (5 years)

Primary Law/Section	Case No.	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP (Supplemental Environmental Project) Cost	Comp Action Cost
No data records returned										

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (Reach Address Database)	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD) (Reach Address Database)	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned									

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
No data records returned							

Air Quality

Non-Attainment Area?	Pollutant(s)
No	Ozone
No	Lead
Yes	Particulate Matter
No	Sulfur Dioxide

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	97%	Households in Area:	942
Center Latitude:	42.02184	Water Area:	3%	Housing Units in Area:	1,052
Center Longitude:	-76.367078	Population Density:	89/sq.mi.	Households on Public Assistance:	54
Total Persons:	2,446	Percent Minority:	2%	Persons Below Poverty Level:	816

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
White:	2,418 (99%)	Child 5 years and younger:	148 (6%)
African-American:	5 (0%)	Minors 17 years and younger:	599 (24%)
Hispanic-Origin:	29 (1%)	Adults 18 years and older:	1,847 (76%)
Asian/Pacific Islander:	5 (0%)	Seniors 65 years and older:	396 (16%)
American Indian:	1 (0%)		
Other/Multiracial:	17 (1%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)
Less than 9th Grade:	56 (3.13%)	Less than \$15,000:	115 (11.71%)
9th through 12th Grade:	242 (13.53%)	\$15,000 - \$25,000:	134 (13.65%)
High School Diploma:	807 (45.13%)	\$25,000 - \$50,000:	241 (24.54%)
Some College/2-yr:	407 (22.76%)	\$50,000 - \$75,000:	216 (22%)
B.S./B.A. or More:	276 (15.44%)	Greater than \$75,000:	276 (28.11%)

Detailed Facility Report

Facility Summary

SERVICE STATION

MAIN AND TAYLOR STS, NICHOLS, NY 13812



FRS (Facility Registry Service) ID: 110007993993

EPA Region: 02

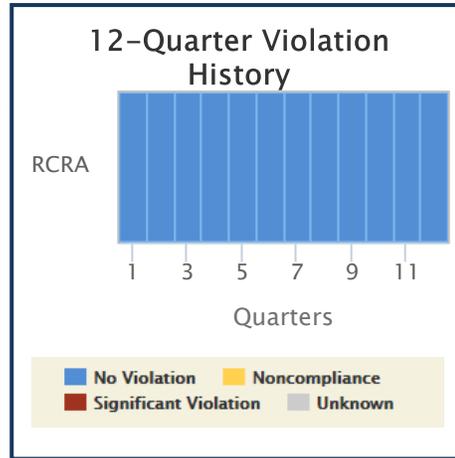
Latitude: 42.01764

Longitude: -76.36682

Locational Data Source: FRS

Industry: No description found

Indian Country: N



Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs in NC (Non-Compliance) (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
RCRA	--	--	No Violation	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information
 Clean Water Act (CWA): No Information
 Resource Conservation and Recovery Act (RCRA): Inactive () Other (NYD000703249)
 Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
 Greenhouse Gas Emissions (eGGRT): No Information
 Toxic Releases (TRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110007993993					N	42.01764	-76.36682
RCR	RCRA	NYD000703249	Other	Inactive ()			N	42.017642	-76.366923

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110007993993	SERVICE STATION	MAIN AND TAYLOR STS, NICHOLS, NY 13812
RCR	RCRA	NYD000703249	SERVICE STATION	MAIN AND TAYLOR STS, NICHOLS, NY 13812

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Desc
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
No data records returned						

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Non-Compliance) /HPV (High Priority Violation)	Description	Current As Of	Qtrs in NC (Non-Compliance) (of 12)
RCRA	NYD000703249	No		07/22/2017	0

Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
RCRA (Source ID: NYD000703249)		07/01-09/30/14	10/01-12/31/14	01/01-03/31/15	04/01-06/30/15	07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17
RCRA	Facility-Level Status												

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Formal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
No data records returned						

ICIS (Integrated Compliance Information System) Case History (5 years)

Primary Law/Section	Case No.	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP (Supplemental Environmental Project) Cost	Comp Action Cost
No data records returned										

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (Reach Address Database)	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD) (Reach Address Database)	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned									

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
No data records returned							

Air Quality

Non-Attainment Area?	Pollutant(s)
No	Ozone
No	Lead
Yes	Particulate Matter
No	Sulfur Dioxide

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	97%	Households in Area:	905
Center Latitude:	42.01764	Water Area:	3%	Housing Units in Area:	1,009
Center Longitude:	-76.36682	Population Density:	85/sq.mi.	Households on Public Assistance:	48
Total Persons:	2,345	Percent Minority:	2%	Persons Below Poverty Level:	779

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
White:	2,318 (99%)	Child 5 years and younger:	141 (6%)
African-American:	5 (0%)	Minors 17 years and younger:	568 (24%)
Hispanic-Origin:	26 (1%)	Adults 18 years and older:	1,777 (76%)
Asian/Pacific Islander:	5 (0%)	Seniors 65 years and older:	386 (16%)
American Indian:	1 (0%)		
Other/Multiracial:	15 (1%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)
Less than 9th Grade:	53 (3.11%)	Less than \$15,000:	112 (11.94%)
9th through 12th Grade:	229 (13.42%)	\$15,000 - \$25,000:	130 (13.86%)
High School Diploma:	772 (45.25%)	\$25,000 - \$50,000:	229 (24.41%)
Some College/2-yr:	393 (23.04%)	\$50,000 - \$75,000:	206 (21.96%)
B.S./B.A. or More:	259 (15.18%)	Greater than \$75,000:	261 (27.83%)



Bulk Storage Database Search Details

Facility Information

Site No.: 7-006858
Status: Unregulated/Closed
Expiration Date: 07/01/1991
Site Type: PBS
Site Name: GREAT AMERICAN #485
Address: RIVER & CADY STREET
Locality: NICHOLS
State: NY
Zipcode: 13812
County: Tioga

Owner(s) Information

Facility Owner: HARRIS ENTERPRISES INC
PO BOX 66 ROSS CORNERS . VESTAL , NY. 13850
Mail Contact: HARRIS ENTERPRISES INC
PO BOX 66 ROSS CORNERS . VESTAL , NY. 13850

Tank Information

1 Tanks Found

Tank No	Tank Location	Status	Capacity (Gal.)
001	Underground including vaulted with no access for inspection	Closed Prior to 03/1991	4000

Refine This Search



Bulk Storage Database Search Details

Facility Information

Site No.: 7-128120
Status: Active
Expiration Date: 09/08/2020
Site Type: PBS
Site Name: NEWARK VALLEY QUICKSHOP
Address: 23 SOUTH MAIN ST
Locality: NEWARK VALLEY
State: NY
Zipcode: 13811
County: Tioga

Owner(s) Information

Facility Owner: SHIV SAIKRUPA INC
23 SOUTH MAIN ST . NEWARK VALLEY, NY. 13811
Mail Contact: SHIV SAIKRUPA INC DBA NEWARK VALLEY QUICKSHOP
23 SOUTH MAIN ST . NEWARK VALLEY, NY. 13811-0251

Tank Information

8 Tanks Found

Tank No	Tank Location	Status	Capacity (Gal.)
001	Underground including vaulted with no access for inspection	In Service	4000
002	Underground including vaulted with no access for inspection	In Service	4000
003	Underground including vaulted with no access for inspection	In Service	4000
004	Underground including vaulted with no access for inspection	In Service	2000
005	Underground including vaulted with no access for inspection	Closed - Removed	275
006	Aboveground - in contact with soil	Closed - Removed	275
007	Aboveground on saddles, legs, stilts, rack or cradle	Closed - Removed	275
008	Underground including vaulted with no access for inspection	In Service	500

Refine This Search

Site Number	Site Type	Facility Name	County	Locality	Site Address	ZipCode	Facility Status	Expiration Date	Latitude	Longitude
7-000393	CBS	CROWN CORK & SEAL USA INC	TIOGA	NICHOLS	650 BERRY RD	13812	ACTIVE	3/26/2019		
7-006858	PBS	GREAT AMERICAN #485	TIOGA	NICHOLS	RIVER & CADY STREET	13812	UNREGULATED/CLOSED	7/1/1991	42.021578	-76.365515
7-015903	PBS	SETTLERS	TIOGA	NICHOLS	EXIT 62, RT. 17	13812	UNREGULATED/CLOSED	6/30/2005		
7-042153	PBS	NICHOLS AGWAY CO-OP INC	TIOGA	NICHOLS	4 MAIN ST BOX 69	13812	UNREGULATED/CLOSED	12/2/1991	42.07849055	-76.15796241
7-102725	PBS	NICHOLS BULK PLANT	TIOGA	NICHOLS	WEST RIVER RD.	13812	UNREGULATED/CLOSED	3/24/1997	42.02599801	-76.38885801
7-121967	PBS	AGWAY ENERGY PRODUCTS	TIOGA	NICHOLS	RIVER ROAD	13812	UNREGULATED/CLOSED	3/24/1992	42.0859222	-76.27534037
7-122130	PBS	COLE'S SERVICE	TIOGA	NICHOLS	287 MAIN ST.	13812	UNREGULATED/CLOSED	3/24/2002	42.07568482	-76.1576489
7-128384	PBS	LOUNSBERRY TRUCK STOP	TIOGA	NICHOLS	NY 17 - EXIT 63	13812	ACTIVE	11/16/2017	42.0635	-76.3238
7-129011	PBS	MOORE FARMS	TIOGA	NICHOLS	1440 MOORE HILL RD.	13812	UNREGULATED/CLOSED	6/5/2002	42.026865	-76.327351
7-129151	PBS	NICHOLS ONE STOP	TIOGA	NICHOLS	CORNER RIVER & MAIN ST	13812	UNREGULATED/CLOSED	6/5/1992		
7-161888	PBS	BERRY FARMS	TIOGA	NICHOLS	1826 SMITH CREEK RD.	13812	UNREGULATED/CLOSED	6/5/2002	42.0634851	-76.28427508
7-298859	PBS	NICHOLS AUTOMOTIVE SERVICE	TIOGA	NICHOLS	MAIN & RIVER STS.	13812	INACTIVE	6/28/2008	42.100475	-76.269547
7-301728	PBS	BARRETT PAVING MATERIALS INC	TIOGA	NICHOLS	NICHOLS PH EXIT 63 RTE 17	13812	UNREGULATED/CLOSED	7/10/1992		
7-391387	PBS	TOWN OF NICHOLS HIGHWAY	TIOGA	NICHOLS	742 EAST RIVER RD	13812	ACTIVE	7/10/2017	42.05829749	-76.33564217
7-422096	PBS	NICHOLS FIRE STATION	TIOGA	NICHOLS	RIVER STREET	13812	UNREGULATED/CLOSED	7/14/1992	42.02217487	-76.37011131
7-465011	PBS	DANDY MINI MART #14	TIOGA	NICHOLS	814 WEST RIVER RD	13812	ACTIVE	1/25/2018	42.033561	-76.383289
7-600534	PBS	F S LOPKE CONTRACTING INC	TIOGA	NICHOLS	4108 EAST RIVER RD	13812	ACTIVE	6/3/2022	42.085	-76.2786
7-601010	PBS	FIRST TRANSIT, INC.	TIOGA	NICHOLS	456 CORYELL RD.	13812	UNREGULATED/CLOSED	3/16/2010	42.021942	-76.396117
7-601261	PBS	TIOGA DOWNS	TIOGA	NICHOLS	2384 WEST RIVER RD	13812	ACTIVE	9/20/2020	42.02393845	-76.41313242
7-601361	PBS	A AND S LLOYDS REALTY LLC	TIOGA	NICHOLS	5215 WEST RIVER RD	13812	ACTIVE	5/5/2019	42.021094	-76.454803
7-601487	PBS	F S LOPKE CONTRACTING INC - BWD	TIOGA	NICHOLS	808 STANTON HILL RD	13812	UNREGULATED/CLOSED	5/1/2018	42.06608211	-76.31562042
7-601554	PBS	BINGHAMTON ARMY RESERVE CENTER	TIOGA	NICHOLS	881 STANTON HILL RD	13812	ACTIVE	12/21/2020	42.06564118	-76.3136645
7-601595	PBS	FEDEX FREIGHT INC	TIOGA	NICHOLS	175 BUCK RD	13812	ACTIVE	3/13/2022	42.06403011	-76.31248049
7-601603	PBS	CROWN CORK & SEAL USA INC	TIOGA	NICHOLS	650 BERRY RD	13812	ACTIVE	3/26/2022		



Google Earth





Department of
Environmental
Conservation

Environmental Site Remediation Database Search Details

Site Record

Administrative Information

Site Name: South Main Street Dry Cleaners

Site Code: 754014

Program: State Superfund Program

Classification: N *

EPA ID Number:

Location

DEC Region: 7

Address: 37 South Main Street

City: Nichols Zip: 13812

County: Tioga

Latitude: 42.01958801

Longitude: -76.36782013

Site Type:

Estimated Size: 0.25 Acres

Site Owner(s) and Operator(s)

Current Owner Name: MR. MICHAEL AMATO

Current Owner(s) Address: RD#2 BOX 134
ROME, PA, 18837

Current Owner Name: Michael Amato

Current Owner(s) Address: RD#2 BOX 134
ROME, PA, 18837

Owner(s) during disposal: UNKNOWN

Site Description

The cleaning solvent tetrachloroethylene (PCE or "perc.") was used in a dry cleaning machine housed in a small laundromat located at 37 South Main Street in the middle of the Village of Nichols. After it was used, the spent PCE went into an on-site dry well located behind the laundromat. The PCE eventually leaked into the groundwater beneath the property and contaminated it. The laundromat closed in 1968, however the total duration of disposal is unknown. The presence of PCE in the groundwater was first discovered in 1990 during a groundwater sampling event. At that time groundwater sampling was required to evaluate the extent of leakage from an underground gasoline

tank at a Convenient Mart/gas station located next door to the old laundromat. The maximum concentration of PCE found during the sampling was 220 ppb. A Preliminary Site Assessment (PSA) was completed in 1997. The PSA helped delineate the contaminant source and plume. It also identified other properties on South Main Street that had PCE contamination at low levels. Three of these properties are private residences and the fourth is a small restaurant. Two private homeowner wells had PCE levels of 3.5 ppb and 1.0 ppb respectively. (The public drinking water supply standard is 5 ppb). Evaluation of the groundwater data showed that there was a low level contaminant plume moving toward a public water supply well located less than 1500 feet downgradient of the original source area at 37 South Main Street. In June of 2000, another round of groundwater sampling and collection of one soil sample from a dry well, suspected to be the source area, was done. Analysis shows that the PCE contaminant levels in the plume have diminished to levels below groundwater standards for PCE in all but one location which is at 18 ppb. No other VOCs were detected. The soil sample results were non-detect, suggesting a source of contamination no longer exists. A "No Further Action" ROD was signed in March, 2002, recommending decommissioning of the monitoring wells and that the site be de-listed from the Registry.

Site Environmental Assessment

There are no remaining environmental problems associated with the disposal of hazardous waste at this site.

* **Class N Sites:** "DEC offers this information with the caution that the amount of information provided for Class N sites 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."

[For more Information: E-mail Us](#)

[Return To Results](#)

[Refine This Search](#)

Appendix D



Governor's Office of Storm Recovery

ANDREW M. CUOMO
Governor

LISA BOVA-HIATT
Executive Director

August 2, 2017

New York State Department of Environmental Conservation
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program – Information Services
625 Broadway, 5th Floor
Albany, New York 12233-4757

VIA EMAIL: dec.sm.NaturalHeritage

Re: Natural Heritage Compliance Process Request for
Nichols Joint Fire Station Project
106 West River Road
Town of Nichols, Tioga County, New York 13812

The Governor's Office of Storm Recovery (GOSR), acting under the auspices of New York State Homes and Community Renewal's (HCR) Housing Trust Fund Corporation (HTFC), on behalf of the Department of Housing & Urban Development (HUD) is currently preparing an environmental review for the Nichols Joint Fire Station Project, located in the Town of Nichols, Tioga County, New York (see attached figures).

The purpose of this letter is to provide the New York State Department of Environmental Conservation (DEC) Natural Heritage Program (NYNHP) notice of the proposed project and determine whether the proposed project has the potential to impact any state or federal endangered, threatened, or rare species or significant natural communities.

Area of Effect: The Project site is located at the current location of the Town of Nichols Fire Station at 106 West River Road, Nichols, NY 13812 and will include an expansion of the fire station to accommodate modern fire trucks and training and community meeting space and associated utilities such as bathrooms and updated kitchen.

Proposed Project Description: The fire station will be expanded to include approximately 4,256 square feet of additional space including a mezzanine. The attached plans show the proposed building layout. Approximately 9,000 square feet of asphalt will be added for parking and driveway. No land acquisition is anticipated. Two trees will be removed to accommodate the additional space needed for the building and parking area. Photographs of the trees are attached.

The extreme rains associated with Hurricane Irene and Tropical Storm Lee caused the groundwater to rise and flooded the existing fire station. This put fire, emergency rescue and medical and other emergency services at risk and negatively impacted the command center equipment that keeps the Town and Village connected to the Tioga County Emergency Management Office. This project provides for the expansion to the existing joint fire station building to serve the Town and Village of Nichols. The project will expand the facility to house emergency response vehicles and provide meeting, storage and office space. The project will also improve public safety and first responder/firefighter capability during storm events.

GOSR respectfully requests NYNHP review the proposed project and location and provide consultation on whether or not the proposed project is likely to adversely affect the project location and review locations of proposed project for any records of rare species or significant natural communities in the natural heritage databases which are in the vicinity and which may be impacted by the Project Action.

If you have questions or require additional information regarding this request, please contact me at (518) 474-0647 or alicia.shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,

A handwritten signature in cursive script that reads "Alicia Shultz".

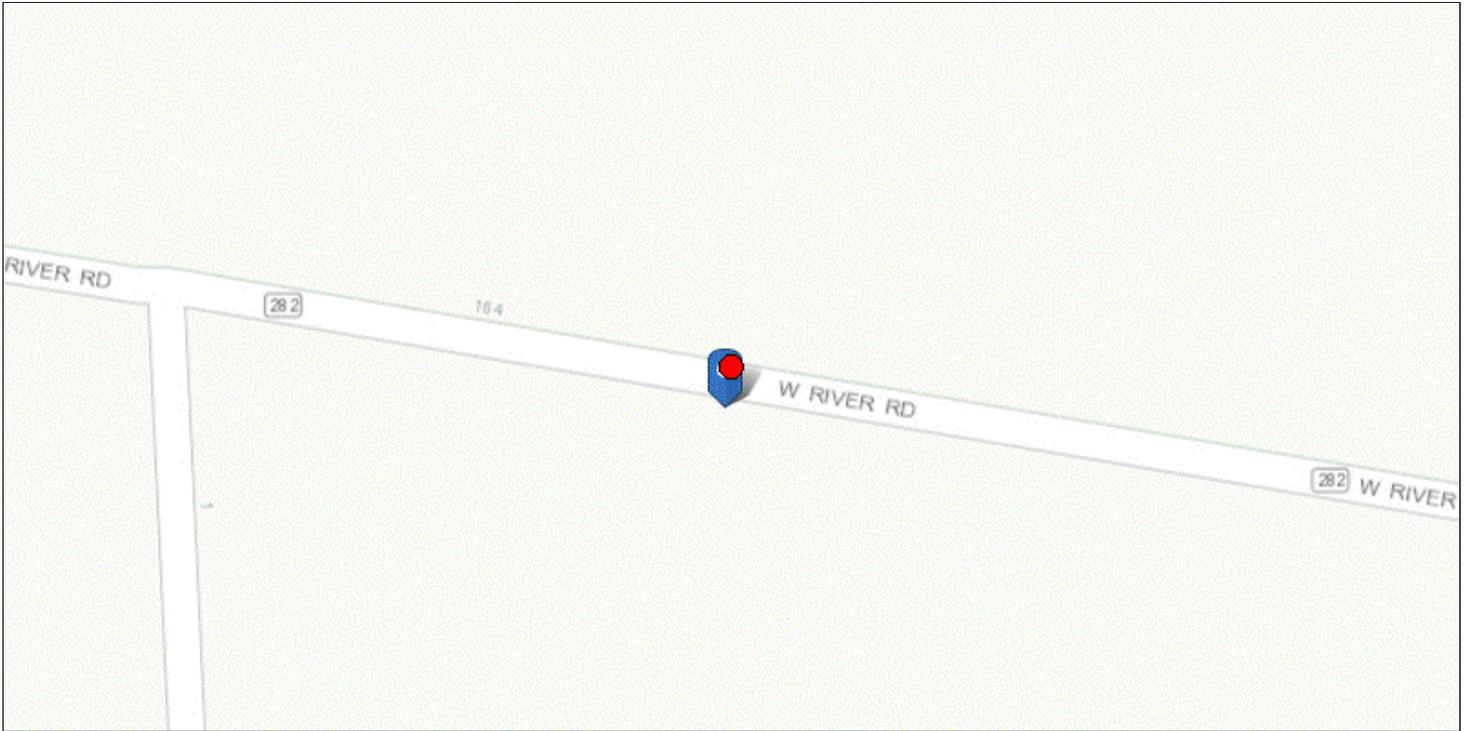
Alicia Shultz
Senior Environmental Scientist
New York State Homes and Community Renewal
38-40 State Street, Hampton Plaza
Albany NY 12207

Attachment:

Figures
Project Plans

See the project plans
provided in the EA

Environmental Resource Mapper



The coordinates of the point you clicked on are:

UTM 18

Easting: 386644.569

Northing: 4653146.906

Longitude/Latitude

Longitude: -76.369

Latitude: 42.022

The approximate address of the point you clicked on is:

1-163 W River Rd, Nichols, New York, 13812

County: Tioga

Village: Nichols

USGS Quad: OWEGO

DEC Region

Region 7:

(Central New York) Broome, Cayuga, Chenango, Cortland, Madison, Onondaga, Oswego, Tioga and Tompkins counties. For more information visit <http://www.dec.ny.gov/about/615.html>.

If your project or action is within or near an area with a rare animal, a permit may be required if the species is listed as endangered or threatened and the department determines the action may be harmful to the species or its habitat.

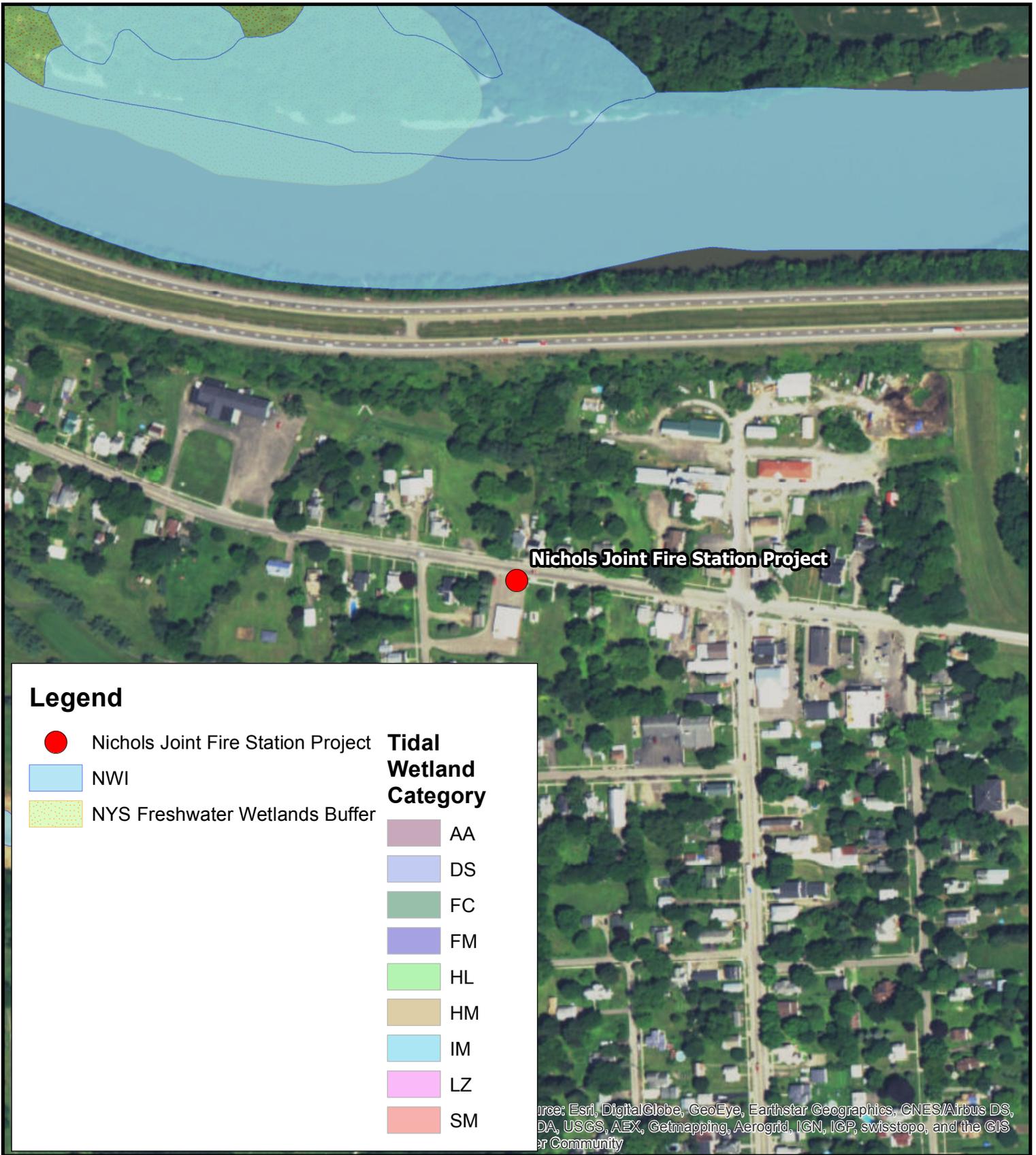
If your project or action is within or near an area with rare plants and/or significant natural communities, the environmental impacts may need to be addressed.

The presence of a unique geological feature or landform near a project, unto itself, does not trigger a requirement for a NYS DEC permit. Readers are advised, however, that there is the chance that a unique feature may also show in another

data layer (ie. a wetland) and thus be subject to permit jurisdiction.

Please refer to the "Need a Permit?" tab for permit information or other authorizations regarding these natural resources.

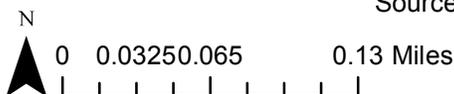
Disclaimer: If you are considering a project or action in, or near, a wetland or a stream, a NYS DEC permit may be required. The Environmental Resources Mapper does not show all natural resources which are regulated by NYS DEC, and for which permits from NYS DEC are required. For example, Regulated Tidal Wetlands, and Wild, Scenic, and Recreational Rivers, are currently not included on the maps.



The information contained may be incorrect, incomplete or outdated, and New York State disclaims any responsibility for the accuracy or correctness of the information. New York State, its officers, employees, or agents shall not be liable for damages or losses of any kind, consequential or otherwise, incurred as a result of the use of this information, directly or indirectly. In using this information, users further agree to indemnify, defend, and hold harmless New York State for any and all liability of any nature arising out of or resulting from the lack of accuracy or correctness of the information, or the use of the information. New York State reserves the right to make changes and updates to the information at any time and without notice. For internal use only

Nichols Joint Fire Station Project Wetlands

Sources of Data: USFWS, FEMA, ESRI, State of NY



**Governor's Office of
Storm Recovery**

Drawn By: R.Ferres
Version: 1.1
Date: 12/27/16

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife

625 Broadway, 5th Floor, Albany, NY 12233-4750

P: (518) 402-8924 | F: (518) 402-8925

www.dec.ny.gov

August 7, 2017

Alicia Shultz
Governor's Office of Storm Recovery
30-40 State St., Hampton Plaza
Albany, NY 12207

Re: Nichols Joint Fire Station Project
County: Tioga Town/City: Nichols

Dear Ms. Shultz,

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

We have no records of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity.

The absence of data does not necessarily mean that rare or state-listed species, significant natural communities, or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information that indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other resources may be required to fully assess impacts on biological resources.

This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities, and other significant habitats maintained in the Natural Heritage database. Your project may require additional review or permits; for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 7 Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Sincerely,



Nicholas Conrad
Information Resources Coordinator
New York Natural Heritage Program





Governor's Office of Storm Recovery

ANDREW M. CUOMO
Governor

LISA BOVA-HIATT
Executive Director

By Electronic Mail

August 11, 2017

Robyn A. Niver
Endangered Species Biologist
U.S. Fish & Wildlife Service
New York Field Office (Region 5)
3817 Luker Rd.
Cortland, NY 13045

Re: Section 7 Project Review - ESA/MBTA/BGEPA Consultation for the Nichols Joint Fire Station Project, Town of Nichols, Tioga County, New York

Dear Ms. Niver:

The Governor's Office of Storm Recovery (GOSR), acting under the auspices of New York State Homes and Community Renewal's (HCR) Housing Trust Fund Corporation (HTFC), on behalf of the Department of Housing & Urban Development (HUD), is conducting an environmental review under HUD's environmental review regulations (24 CFR Part 58) and New York State's Environmental Quality Review Act (SEQRA) for the Nichols Joint Fire Station Project, located in the Town of Nichols, Tioga County, New York (see attached figures) which includes the expansion of the existing fire station to accommodate modern fire trucks and training and community meeting space. GOSR is acting as HUD's non-federal representative for the purposes of conducting consultation pursuant to Section 7 of the Endangered Species Act.

The purpose of this letter is to provide the U.S. Fish and Wildlife Service – New York Field Office (USFWS) notice of the proposed project and to document compliance with Section 7 of the Endangered Species Act (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.), as well as the Migratory Bird Treaty Act of 1918 (MBTA) (40 Stat. 755, as amended; 16 U.S.C. 703-712), and the Bald and Golden Eagle Protection Act of 1940 (BGEPA) (54 Stat. 240, as amended; 16 U.S.C. 668-668c).

Program Overview

The extreme rains associated with Hurricane Irene and Tropical Storm Lee caused the groundwater to rise and flooded the existing fire station. This put fire, emergency rescue and medical and other emergency services at risk and negatively impacted the command center equipment that keeps the Town and Village connected to the Tioga County Emergency Management Office. This project provides for the expansion to the existing joint fire station building to serve the Town and Village of Nichols. The project will expand the facility to house emergency response vehicles and provide meeting, storage and office space. The project will also improve public safety and first responder/firefighter capability during storm events.

Area of Potential Effect and Project Description: The Project site is located at the current location of the Town of Nichols Fire Station at 106 West River Road, Nichols, NY 13812 and will include an expansion of the fire station to accommodate modern fire trucks and training and community meeting space and associated utilities such as bathrooms and updated kitchen. See attached plans.

The fire station will be expanded to include approximately 4,256 square feet of additional space including a mezzanine. The attached plans show the proposed building layout. Approximately 9,000 square feet of asphalt will be added for parking and driveway. No land acquisition is anticipated. **Two trees** will be removed to accommodate the additional space needed for the building and parking area. Photographs of the trees are attached.

ESA, Migratory Bird Treaty Act, And Bald and Golden Eagle Protection Act Species: The USFWS, New York Ecological Services Field Office was contacted through the Information, Planning, and Conservation System (IPaC) regarding the potential presence of species under the jurisdiction of the USFWS within the project area. The IPaC Resource List identified one threatened endangered species that is potentially associated with the project site, the threatened northern long-eared bat (NLEB) (*Myotis septentrionalis*) (see attached **Resource Species List**). The Resource List indicated that no critical habitats are within the Project area. The IPaC review also indicated that there are several migratory birds of concern that could potentially be affected by the proposed project.

ESA -Analysis and Determination of Effects:

Northern Long-eared bat (NLEB) (*Myotis septentrionalis*) and Indiana Bat (*Myotis sodalis*): GOSR requested that the NY Natural Heritage Program (NYNHP) provide any records of occurrence of NYS-listed species in the vicinity of the project site. The response received from the NYNHP on August 7, 2017, states that there are no records of rare or state-listed animal or plants, or significant natural communities at the project site or in its immediate vicinity (see attached correspondence). According to the attached NYS Resource map for Bat Occurrences no NLEB hibernaculum has been documented within 0.25 mile from the project site. There are currently no known maternity roost trees or hibernacula known to be occupied by NLEB within the vicinity of the project location according to geospatial information provided by the USFWS. The main impact of concern for bats is the removal of potential roost trees. GOSR will strive to remove the **two mature trees between November 31 and March 1. The trees will be removed outside the pup season (June 1 through July 31) and during the hibernacula period (November 31 to March 1)** (<http://www.dec.ny.gov/animals/106090.html>).

The NLEB, listed as federally threatened, is a temperate, insectivorous bat whose life cycle can be coarsely divided into two primary phases - reproduction and hibernation. NLEB hibernate in caves or mines during winter and then emerge in early spring, with males dispersing and remaining solitary until mating season at the end of the summer, and pregnant females forming maternity colonies in which to rear young. No caves or mines occur near the project site. Summer habitat of the NLEB generally includes upland and riparian forest within heavily forested landscapes. The NLEB is sensitive to fragmentation and urbanization, and requires interior forest for both foraging and breeding. Roost trees are usually in intact forest, close to the core and away from large clearings, roads, or other sharp edges. The project site consists of an existing fire station surrounded by low density residential developments and open grassy areas, with forested areas and streams nearby (<http://www.dec.ny.gov/animals/106090.html> and <https://ecos.fws.gov/ecp0/profile/speciesProfile?sId=9045>).

Due to the potential for active season tree removal, GOSR determines 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 (attached). All activities associated with the proposed project will not:

- 1) disturb hibernating north long-eared bat in a known hibernaculum;
- 2) alter the entrance or interior environment of a known hibernaculum;
- 3) remove any trees within 0.25 miles of a known hibernaculum at any time of year; or
- 4) cut or destroy known occupied maternity roost trees, or any other trees within a 150-foot radius from the maternity roost tree, during the pup season (June 1 through July 31).

If the USFWS does not respond within 30 days from submittal of this form, GOSR may presume that its determination is informed by the best available information and that its project responsibilities under 7(a)(2) with respect to the northern long-eared bat are fulfilled through the USFWS January 5, 2016, "Programmatic Biological Opinion (BO) on the Final 4(d) Rule for the Northern Long-Eared Bat and Activities Excepted from Take Prohibitions." GOSR will update this determination annually for multi-year activities.

MBA: GOSR has determined that the project would have no significant adverse impact on migratory birds or their habitat. It is anticipated that passerine birds would temporarily leave the area during construction due to noise and disturbance. Extensive areas of high quality woodland habitat are available.

Compliance

According to the USFWS IPaC Resource List, there is one threatened species that is potentially associated with the project site, the threatened northern long-eared bat (NLEB). In addition, there are several migratory birds of concern that could potentially be affected by the proposed project. The IPaC Resource List for the proposed project indicated that there is no critical habitat in the project area. **Two trees will be removed from the project area. There are no hibernacula within 0.25 of the project location and no known maternity roost trees near the project area. Therefore, GOSR has come to *may affect the NLEB, but that any resulting incidental take of the NLEB is not prohibited by the final 4(d) rule.***

If you have questions or require additional information regarding this request, please contact Alicia Shultz at (518) 474-0647 or alicia.shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,



Alicia Shultz
Senior Environmental Scientist
New York State Homes and Community Renewal
38-40 State Street, Hampton Plaza
Albany NY 12207

Attachments:

Plans
Resource Species List
Tree Pictures
NYSNHP Correspondence
NYSDEC Correspondence - NYS Resource Map for Bat Occurrences
Streamlined Checklist

Plans

See the project plans provided in the EA

Resource Species List

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Tioga County, New York



Local office

New York Ecological Services Field Office

☎ (607) 753-9334

📠 (607) 753-9699

3817 Luker Road
Cortland, NY 13045-9349

<http://www.fws.gov/northeast/nyfo/es/section7.htm>

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service.

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9045	Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any activity that results in the take (to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct) of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service³. There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>

- Conservation measures for birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Year-round bird occurrence data <http://www.birdscanada.org/birdmon/default/datasummaries.jsp>

The migratory birds species listed below are species of particular conservation concern (e.g. [Birds of Conservation Concern](#)) that may be potentially affected by activities in this location. It is not a list of every bird species you may find in this location, nor a guarantee that all of the bird species on this list will be found on or near this location. Although it is important to try to avoid and minimize impacts to all birds, special attention should be made to avoid and minimize impacts to birds of priority concern. To view available data on other bird species that may occur in your project area, please visit the [AKN Histogram Tools](#) and [Other Bird Data Resources](#). To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

NAME	SEASON(S)
American Bittern <i>Botaurus lentiginosus</i> https://ecos.fws.gov/ecp/species/6582	Breeding
Bald Eagle <i>Haliaeetus leucocephalus</i> https://ecos.fws.gov/ecp/species/1626	Year-round
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i> https://ecos.fws.gov/ecp/species/9399	Breeding
Blue-winged Warbler <i>Vermivora pinus</i>	Breeding
Canada Warbler <i>Wilsonia canadensis</i>	Breeding
Golden-winged Warbler <i>Vermivora chrysoptera</i> https://ecos.fws.gov/ecp/species/8745	Breeding
Kentucky Warbler <i>Oporornis formosus</i>	Breeding
Least Bittern <i>Ixobrychus exilis</i> https://ecos.fws.gov/ecp/species/6175	Breeding
Louisiana Waterthrush <i>Parkesia motacilla</i>	Breeding
Olive-sided Flycatcher <i>Contopus cooperi</i> https://ecos.fws.gov/ecp/species/3914	Breeding
Peregrine Falcon <i>Falco peregrinus</i> https://ecos.fws.gov/ecp/species/8831	Breeding
Pied-billed Grebe <i>Podilymbus podiceps</i>	Breeding
Prairie Warbler <i>Dendroica discolor</i>	Breeding
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i>	Breeding
Short-eared Owl <i>Asio flammeus</i> https://ecos.fws.gov/ecp/species/9295	Wintering
Willow Flycatcher <i>Empidonax traillii</i> https://ecos.fws.gov/ecp/species/3482	Breeding
Wood Thrush <i>Hylocichla mustelina</i>	Breeding
Worm Eating Warbler <i>Helmitheros vermivorum</i>	Breeding

What does IPaC use to generate the list of migratory bird species potentially occurring in my specified location?

Landbirds:

Migratory birds that are displayed on the IPaC species list are based on ranges in the latest edition of the National Geographic Guide, Birds of North America (6th Edition, 2011 by Jon L. Dunn, and Jonathan Alderfer). Although these ranges are coarse in nature, a number of U.S. Fish and Wildlife Service migratory bird biologists agree that these maps are some of the best range maps to date. These ranges were clipped to a specific Bird Conservation Region (BCR) or USFWS Region/Regions, if it was indicated in the 2008 list of Birds of Conservation Concern (BCC) that a species was a BCC species only in a particular Region/Regions. Additional modifications have been made to some ranges based on more local or refined range information and/or information provided by U.S. Fish and Wildlife Service biologists with species expertise. All migratory birds that show in areas on land in IPaC are those that appear in the 2008 Birds of Conservation Concern report.

Atlantic Seabirds:

Ranges in IPaC for birds off the Atlantic coast are derived from species distribution models developed by the National Oceanic and Atmospheric Association (NOAA) National Centers for Coastal Ocean Science (NCCOS) using the best available seabird survey data for the offshore Atlantic Coastal region to date. NOAA/NCCOS assisted USFWS in developing seasonal species ranges from their models for specific use in IPaC. Some of these birds are not BCC species but were of interest for inclusion because they may occur in high abundance off the coast at different times throughout the year, which potentially makes them more susceptible to certain types of development and activities taking place in that area. For more refined details about the abundance and richness of bird species within your project area off the Atlantic Coast, see the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other types of taxa that may be helpful in your project review.

About the NOAA/NCCOS models: the models were developed as part of the NOAA/NCCOS project: [Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#). The models resulting from this project are being used in a number of decision-support/mapping products in order to help guide decision-making on activities off the Atlantic Coast with the goal of reducing impacts to migratory birds. One such product is the [Northeast Ocean Data Portal](#), which can be used to explore details about the relative occurrence and abundance of bird species in a particular area off the Atlantic Coast.

All migratory bird range maps within IPaC are continuously being updated as new and better information becomes available.

Can I get additional information about the levels of occurrence in my project area of specific birds or groups of birds listed in IPaC?

Landbirds:

The [Avian Knowledge Network \(AKN\)](#) provides a tool currently called the "Histogram Tool", which draws from the data within the AKN (latest, survey, point count, citizen science datasets) to create a view of relative abundance of species within a particular location over the course of the year. The results of the tool depict the frequency of detection of a species in survey events, averaged between multiple datasets within AKN in a particular week of the year. You may access the histogram tools through the [Migratory Bird Programs AKN Histogram Tools](#) webpage.

The tool is currently available for 4 regions (California, Northeast U.S., Southeast U.S. and Midwest), which encompasses the following 32 states: Alabama, Arkansas, California, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, and Wisconsin.

In the near future, there are plans to expand this tool nationwide within the AKN, and allow the graphs produced to appear with the list of trust resources generated by IPaC, providing you with an additional level of detail about the level of occurrence of the species of particular concern potentially occurring in your project area throughout the course of the year.

Atlantic Seabirds:

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA/NCCOS [Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project](#) webpage.

Facilities

Wildlife refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGES AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

THERE ARE NO KNOWN WETLANDS AT THIS LOCATION.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Not for consultation

Tree Pictures





NYSNHP Correspondence

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife

625 Broadway, 5th Floor, Albany, NY 12233-4750

P: (518) 402-8924 | F: (518) 402-8925

www.dec.ny.gov

August 7, 2017

Alicia Shultz
Governor's Office of Storm Recovery
30-40 State St., Hampton Plaza
Albany, NY 12207

Re: Nichols Joint Fire Station Project
County: Tioga Town/City: Nichols

Dear Ms. Shultz,

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

We have no records of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity.

The absence of data does not necessarily mean that rare or state-listed species, significant natural communities, or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information that indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other resources may be required to fully assess impacts on biological resources.

This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities, and other significant habitats maintained in the Natural Heritage database. Your project may require additional review or permits; for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 7 Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Sincerely,



Nicholas Conrad
Information Resources Coordinator
New York Natural Heritage Program



NYSDEC Correspondence - NYS Resource Map for Bat Occurrences

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife

625 Broadway, 5th Floor, Albany, NY 12233-4750

P: (518) 402-8924 | F: (518) 402-8925

www.dec.ny.gov

August 3, 2017

Ms. Lori Shirley
Governor's Office of Storm Recovery
99 Washington Avenue
Suite 1224
Albany NY 12260

RE: Nichols Joint Fire Station
Town of Nichols, Tioga County, NY

Dear Ms. Shirley,

We received your jurisdictional inquiry request for the Nichols Joint Fire Station project in the Town of Nichols, Tioga County. It is our understanding that this project will lead to the expansion of the existing fire station, and result in the removal of two trees. Based on our understanding of the project and the NYS Resources map created by Amanda Bailey on 8/3/2017 (attached), we have the following comments on the project:

STATE-LISTED SPECIES

All threatened or endangered species are subject to regulation under Article 11, Title 5 of the Environmental Conservation Law and a permit is required for a taking of that species pursuant to 6 NYCRR Part 182. Besides death of individuals, taking includes harassment, interference with essential behaviors, and adverse modification of habitat. **If the site is in close proximity to known occurrences of state-protected species, additional information on the proposal will be required by the appropriate regional office for a determination on the need for an incidental take permit.**

We have reviewed the available information in the New York Natural Heritage Program database on known occurrences of rare or state-listed bat species. This project area does not occur in the immediate vicinity of known occurrences of rare or state-listed bat species (see NYS Resources map, attached). The major concern for bat species in relation to this project would be the destruction of potential roosts and roosting habitat that may occur if tree clearing is required. Because this project does not take place within known occupied habitat, there are no restrictions on cutting.

The absence of data does not necessarily mean that any rare or state-listed bat species do not exist on or adjacent to the proposed site. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence of all rare or state-listed bat species. To avoid potential take, DEC *recommends* that any tree clearing be conducted between November 1 and March 31, when bats are inactive in hibernation sites. DEC also recommends that all snag and cavity trees remain uncut, unless their removal is necessary for protection of human life and property. For more information, please refer to the DEC Northern long-eared bat protective measures guidance, available at:

<http://www.dec.ny.gov/animals/106090.html>.



Department of
Environmental
Conservation

This document is only intended to address state-listed bat species. Other rare or state-listed species, natural communities or other significant habitats may exist within the project area and would require additional review. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

OTHER

USFWS Cortland Field Office

If a federal agency is involved in the project, or if federal funding is used, there are additional considerations for federally listed species. Section 7(a)(1) of the Endangered Species Act requires federal agencies to use their authorities to conserve listed species. Section 7(a)(2) requires federal agencies to consult on any action that may affect a listed species.

Other permits from this Department or other agencies may be required for projects conducted on this property now or in the future. Also, regulations applicable to the location subject to this determination occasionally are revised and you should, therefore, verify the need for permits if your project is delayed or postponed. This determination regarding the need for permits will remain effective for a maximum of one year unless you are otherwise notified. Applications may be downloaded from our website at www.dec.ny.gov under "Programs" then "Division of Environmental Permits."

Please contact this office if you have questions regarding the above information. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Amanda Bailey". The signature is written in a cursive, flowing style.

Amanda Bailey
Division of Fish and Wildlife
Amanda.bailey@dec.ny.gov
518-402-8859

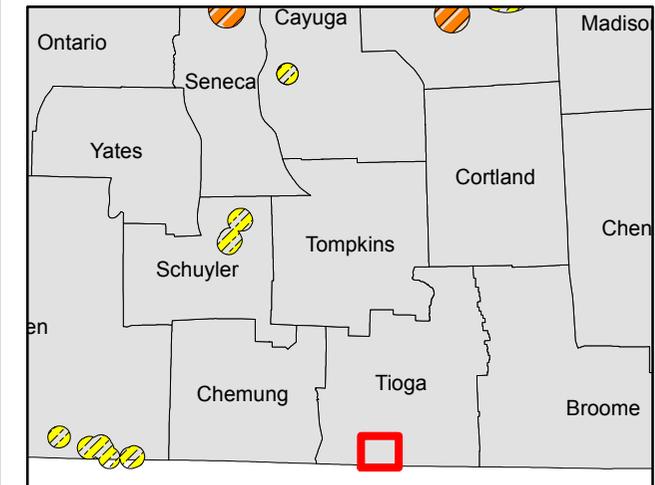
Cc: Alicia Shultz, Governor's Office of Storm Recovery
Steven Joule, NYSDEC Regional Wildlife Manager, Region 7
Joseph Dlugolenski, NYSDEC Deputy Regional Permit Administrator, Region 7
May O'Malley, NYSDEC Division of Environmental Permits



NYS Resources Map

Nichols Joint Fire Station Town of Nichols, Tioga County

Prepared by AMB on 8/3/2017



★ Project Location

Bat Occurrences

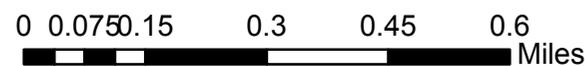
 Indiana Bat

 Northern Long-eared Bat

Disclaimer: this map was prepared by the NYSDEC using the most current data available. It is deemed accurate but is not guaranteed. NYSDEC is not responsible for any inaccuracies in the data and does not necessarily endorse any interpretations or products derived from the data. This map may contain information that is considered sensitive and therefore the distribution of this map is strictly prohibited.



**Department of
Environmental
Conservation**



1 inch = 1,250 feet

Northern Long-Eared Bat 4(d) Rule Streamlined Consultation Form

Federal agencies should use this form for the optional streamlined consultation framework for the northern long-eared bat (NLEB). This framework allows federal agencies to rely upon the U.S. Fish and Wildlife Service’s (USFWS) January 5, 2016, intra-Service Programmatic Biological Opinion (BO) on the final 4(d) rule for the NLEB for section 7(a)(2) compliance by: (1) notifying the USFWS that an action agency will use the streamlined framework; (2) describing the project with sufficient detail to support the required determination; and (3) enabling the USFWS to track effects and determine if reinitiation of consultation is required per 50 CFR 402.16.

This form is not necessary if an agency determines that a proposed action will have no effect to the NLEB or if the USFWS has concurred in writing with an agency's determination that a proposed action may affect, but is not likely to adversely affect the NLEB (i.e., the standard informal consultation process). Actions that may cause prohibited incidental take require separate formal consultation. Providing this information does not address section 7(a)(2) compliance for any other listed species.

Information to Determine 4(d) Rule Compliance:	YES	NO
1. Does the project occur wholly outside of the WNS Zone ¹ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Have you contacted the appropriate agency ² to determine if your project is near known hibernacula or maternity roost trees?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Could the project disturb hibernating NLEBs in a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Could the project alter the entrance or interior environment of a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Does the project remove any trees within 0.25 miles of a known hibernaculum at any time of year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Would the project cut or destroy known occupied maternity roost trees, or any other trees within a 150-foot radius from the maternity roost tree from June 1 through July 31.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

You are eligible to use this form if you have answered yes to question #1 **or** yes to question #2 **and** no to questions 3, 4, 5 and 6. The remainder of the form will be used by the USFWS to track our assumptions in the BO.

Agency and Applicant³ (Name, Email, Phone No.):

Alicia Shultz
 Senior Environmental Scientist
 New York State Homes & Community Renewal
 38-40 State St., 408N, Hampton Plaza, Albany, NY 12207
 (518) 474-0647 | cell (917) 376-9003 Alicia.Shultz@nyshcr.org |

Project Name: Nichols Joint Fire Station Project, Town of Nichols, Tioga County, New York

Project Location (include coordinates if known): Town of Nichols Fire Station at 106 West River Road, Nichols, NY 13812

¹ <http://www.fws.gov/midwest/endangered/mammals/nleb/pdf/WNSZone.pdf>

² See <http://www.fws.gov/midwest/endangered/mammals/nleb/nhisites.html>

³ If applicable - only needed for federal actions with applicants (e.g., for a permit, etc.) who are party to the consultation.

Basic Project Description (provide narrative below or attach additional information):

The Project site is located at the current location of the Town of Nichols Fire Station at 106 West River Road, Nichols, NY 13812 and will include an expansion of the fire station to accommodate modern fire trucks and training and community meeting space and associated utilities such as bathrooms and updated kitchen.

General Project Information	YES	NO
Does the project occur within 0.25 miles of a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the project occur within 150 feet of a known maternity roost tree?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the project include forest conversion ⁴ ? (if yes, report acreage below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated total acres of forest conversion		
If known, estimated acres ⁵ of forest conversion from April 1 to October 31		
If known, estimated acres of forest conversion from June 1 to July 31 ⁶		
Does the project include timber harvest? (if yes, report acreage below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated total acres of timber harvest		
If known, estimated acres of timber harvest from April 1 to October 31		
If known, estimated acres of timber harvest from June 1 to July 31		
Does the project include prescribed fire? (if yes, report acreage below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated total acres of prescribed fire		
If known, estimated acres of prescribed fire from April 1 to October 31		
If known, estimated acres of prescribed fire from June 1 to July 31		
Does the project install new wind turbines? (if yes, report capacity in MW below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated wind capacity (MW)		

Agency Determination:

By signing this form, the action agency determines 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.

If the USFWS does not respond within 30 days from submittal of this form, the action agency may presume that its determination is informed by the best available information and that its project responsibilities under 7(a)(2) with respect to the NLEB are fulfilled through the USFWS January 5, 2016, Programmatic BO. The action agency will update this determination annually for multi-year activities.

The action agency understands that the USFWS presumes that all activities are implemented as described herein. The action agency will promptly report any departures from the described activities to the appropriate USFWS Field Office. The action agency will provide the appropriate USFWS Field Office with the results of any surveys conducted for the NLEB. Involved parties will promptly notify the appropriate USFWS Field Office upon finding a dead, injured, or sick NLEB.

⁴ Any activity that temporarily or permanently removes suitable forested habitat, including, but not limited to, tree removal from development, energy production and transmission, mining, agriculture, etc. (see page 48 of the BO).

⁵ If the project removes less than 10 trees and the acreage is unknown, report the acreage as less than 0.1 acre.

⁶ If the activity includes tree clearing in June and July, also include those acreage in April to October.

Alicia Schultz

Signature: _____ Date Submitted: 8/11/2017

Appendix E



August 8, 2017

Mr. Larry Moss
Historic Preservation Technical Specialist
New York State Office of Parks, Recreation and Historic Preservation
Division of Historic Preservation
Peebles Island
P.O. Box 189
Waterford, New York 12188-0189

Re: Section 106 Compliance for Nichols Joint Fire Station Project, Village of
Nichols, Tioga County, New York

Dear Mr. Moss:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR), an office of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery (“CDBG-DR”) funds from the United States Department of Housing and Urban Development (“HUD”), is serving as the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed project information and request for consultation.

GOSR processes environmental reviews for projects funded with HUD CDBG-DR on a case-by-case basis. A consultation request for the project described herein will also be sent to the Onondaga Nation, the Seneca-Cayuga Nation, and the Cayuga Nation of New York. In accordance with Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended (54 U.S.C. §306108), and its implementing regulations, 36 Code of Federal Regulations (CFR) Part 800, this letter serves as notification of the proposed action.

Area of Potential Effect: The proposed project is located on a 0.5-acre parcel at the Nichols Volunteer Fire Department, at 106 West River Road, Nichols, New York.

Proposed Project Description: The proposed project is comprised of several component upgrades and improvements required for the firehouse to meet federal- and county-recommended standards as a functional emergency operations center for the Village and Town of Nichols, New York. All emergency vehicles and equipment will be stored at the renovated fire house. The proposed construction will include a steel framed building with energy conservation with 2016 New York State supplements. These upgrades and improvements include approximately 4,256 square feet of additional space to the existing firehouse and excavation depths to up to an estimated depth of 4 to 6 feet below ground surface. The addition and upgrades include a



training room, community hall (multi-purpose area), mechanical room, gear room with washer and dryer, communications room, locker area, kitchen, bathrooms, three offices, multiple storage areas, eight truck bays, stairs to a mezzanine and a mezzanine; approximately 24 parking spaces; and a septic system (See attached Site Plans). The new mezzanine will include three offices and storage space. Two of the six new bathrooms will be equipped with showers. The septic system will include a 1,500-gallon concrete tank with 750-gallon grease trap and leach areas with depths up to 4 feet below the ground surface and an area of disturbance of approximately 200 square feet depending on the final accepted design plan. The attached plans show the proposed building layout which is subject to change during the finalization and public review of the plans and permitting processes. The project would be constructed on the existing Nichols Volunteer Fire Department property. Approximately 9,000 square feet of asphalt will be added for parking and driveway. No land acquisition is anticipated.

The proposed improvements include:

- Minor earthwork
- Potential utility relocation
- Foundation construction and installation
- Ingress/egress to site to include onsite parking at facility
- Onsite drainage improvements at the facility

Request for Comment: The purpose of this letter is to initiate consultation pursuant to Section 106 of the NHPA per the implementing regulations at 36 Code of Federal Regulations (CFR) Part 800. GOSR respectfully requests your review of the proposed project described herein. If you have any questions or require additional information regarding this request, please feel free to contact me at (518) 474-0647 or via email at Alicia.Shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,

Alicia Shultz
Senior Environmental Scientist
Bureau of Environmental Review and Assessment
Governor's Office of Storm Recovery



Governor's Office of
Storm Recovery

ANDREW M. CUOMO
Governor

LISA BOVA-HIATT
Executive Director

Enclosures:

Attachment 1: Project Location Map

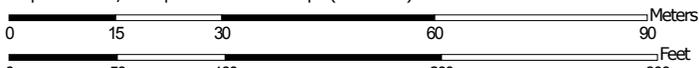
Attachment 2: Project Plans

See project plans in the EA

Farmland Classification—Tioga County, New York
(Nichols Joint Fire Station)



Map Scale: 1:1,060 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84





Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

August 10, 2017

Mary Barthelme
Governor's Office of Storm Recovery
99 Washington Ave, Suite 1224
Albany, NY 12231

Re: HTF/ GOSR/ HUD CDBG-DR/ Addition:
Nichols Joint Fire Station
106 West River Road, Nichols/ Tioga County
17PR05520

Dear Ms. Barthelme:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the submitted materials in accordance with Section 106 (Title 54, Section 306108) of the National Historic Preservation Act of 1966. These comments relate only to Historic/ Cultural resources. They do not include other environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based on this review, it is the opinion of SHPO that there will be No Historic Properties Affected by the proposed undertaking.

If I can be of further assistance, contact me at (518) 268-2187 or Larry.moss@parks.ny.gov
Sincerely,

Larry K Moss, Historic Preservation Technical Specialist

CC: Alicia Shultz, DHCR

Division for Historic Preservation

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • www.nysparks.com

Appendix F

Sam George, Chief (Bear Clan)
Cayuga Nation of New York
P.O. Box 433, 4 Evergreen Street
Union Springs, NY 13160

Anthony Gonyea, Faithkeeper-Beaver Clan
Onondaga Nation
RR#1, Box 245
Onondaga Nation via Nedrow, NY 13120

Tim Twoguns, Nation Representative
Cayuga Nation of New York
P.O. Box 786
Seneca Falls, NY 13148

Ms. Thane Joyal
Attorney at Law, Counsel to
Onondaga Nation
512 Jamesville Avenue
Syracuse, NY 13210

Irving Powless, Chief
Onondaga Nation
RR#1, Box 319-B
Onondaga Nation via Nedrow, NY
13120

William Fisher, Chief
Seneca-Cayuga Nation
PO Box 453220
Grove, OK 74345-3220



August 11, 2017

Sam George, Chief (Bear Clan)
Cayuga Nation of New York
P.O. Box 433, 4 Evergreen Street
Union Springs, NY 13160

RE: Section 106 Compliance for Nichols Joint Fire Station Project, Village of Nichols,
Tioga County, New York

Dear Chief Sam George:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR) is acting under the auspices of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery (“CDBG-DR”) funds from the United States Department of Housing and Urban Development (“HUD”). GOSR is the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Nation to respond with any concerns or comments.

GOSR processes environmental reviews for projects funded with HUD CDBG-DR on a case-by-case basis. GOSR proposes to provide funding to the Village of Nichols for improvements to the firehouse and an addition. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 302706(b)), and its implementing regulations, 36 Code of Federal Regulations (CFR) Part 800, this letter serves as notification of the proposed action. This consultation is being sent to the Onondaga Nation, the Seneca-Cayuga Nation, and the Cayuga Nation of New York.

Area of Potential Effect: The proposed project is located on a 0.5-acre parcel at the Nichols Volunteer Fire Department, at 106 West River Road, Nichols, New York.

Proposed Project Description: The proposed project is comprised of several component upgrades and improvements required for the firehouse to meet federal- and county-recommended standards as a functional emergency operations center for the Village and Town of Nichols, New York. All emergency vehicles and equipment will be stored at the renovated fire house. The proposed construction will include a steel framed building with energy conservation with 2016 New York State supplements. These upgrades and improvements include approximately 4,256 square feet of additional space to the existing firehouse and excavation depths to up to an estimated depth of 4 to 6 feet below ground surface. The addition and upgrades include a training room, community hall (multi-purpose area), mechanical room, gear room with washer and dryer, communications

room, locker area, kitchen, bathrooms, three offices, multiple storage areas, eight truck bays, stairs to a mezzanine and a mezzanine; approximately 24 parking spaces; and a septic system (See attached Site Plans). The new mezzanine will include three offices and storage space. Two of the six new bathrooms will be equipped with showers. The septic system will include a 1,500-gallon concrete tank with 750-gallon grease trap and leach areas with depths up to 4 feet below the ground surface and an area of disturbance of approximately 200 square feet depending on the final accepted design plan. The attached plans show the proposed building layout which is subject to change during the finalization and public review of the plans and permitting processes. The project would be constructed on the existing Nichols Volunteer Fire Department property. Approximately 9,000 square feet of asphalt will be added for parking and driveway. No land acquisition is anticipated.

The proposed improvements include:

- Minor earthwork
- Potential utility relocation
- Foundation construction and installation
- Ingress/egress to site to include onsite parking at facility
- Onsite drainage improvements at the facility

GOSR is completing an environmental review for this project pursuant to HUD NEPA regulations. The project has been submitted to the New York State Historic Preservation Office (SHPO) and SHPO has determined the project to have No Effect to Historic Properties (see attached SHPO letter). If the Area of Potential Effect encompasses historic properties of religious or cultural significance to your Nation, please respond within 30 days or sooner. Additionally, please indicate if there are other sources of information or other parties, Nations, Tribes, or members of the public you believe should be included in the consultation process. Please respond by email or in writing to the address listed below.

Mrs. Alicia Shultz
Senior Environmental Scientist
New York State Homes & Community Renewal
38-40 State St., 408N, Hampton Plaza
Albany, NY 12207

If you have any questions or require additional information regarding this request, please feel free to contact me at (518) 474-0647 or via email at Alicia.Shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,



Alicia Shultz
Senior Environmental Scientist
Bureau of Environmental Review and Assessment

Governor's Office of Storm Recovery
New York State Homes & Community Renewal

Enclosures:

Attachment 1: Project Description Letter

Attachment 2: Project Location Maps

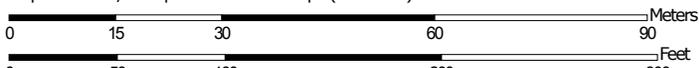
Attachment 3: SHPO Effect Finding Letter

Project Plans are provided in Appendix B of this EA and not duplicated in this Appendix.

Farmland Classification—Tioga County, New York
(Nichols Joint Fire Station)



Map Scale: 1:1,060 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84





Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO

Governor

ROSE HARVEY

Commissioner

August 10, 2017

Mary Barthelme
Governor's Office of Storm Recovery
99 Washington Ave, Suite 1224
Albany, NY 12231

Re: HTF/ GOSR/ HUD CDBG-DR/ Addition:
Nichols Joint Fire Station
106 West River Road, Nichols/ Tioga County
17PR05520

Dear Ms. Barthelme:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the submitted materials in accordance with Section 106 (Title 54, Section 306108) of the National Historic Preservation Act of 1966. These comments relate only to Historic/ Cultural resources. They do not include other environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based on this review, it is the opinion of SHPO that there will be No Historic Properties Affected by the proposed undertaking.

If I can be of further assistance, contact me at (518) 268-2187 or Larry.moss@parks.ny.gov
Sincerely,

Larry K Moss, Historic Preservation Technical Specialist

CC: Alicia Shultz, DHCR

Division for Historic Preservation

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • www.nysparks.com



August 11, 2017

Tim Twoguns, Nation Representative
Cayuga Nation of New York
P.O. Box 786
Seneca Falls, NY 13148

RE: Section 106 Compliance for Nichols Joint Fire Station Project, Village of Nichols,
Tioga County, New York

Dear Tim Twoguns:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR) is acting under the auspices of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery (“CDBG-DR”) funds from the United States Department of Housing and Urban Development (“HUD”). GOSR is the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Nation to respond with any concerns or comments.

GOSR processes environmental reviews for projects funded with HUD CDBG-DR on a case-by-case basis. GOSR proposes to provide funding to the Village of Nichols for improvements to the firehouse and an addition. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 302706(b)), and its implementing regulations, 36 Code of Federal Regulations (CFR) Part 800, this letter serves as notification of the proposed action. This consultation is being sent to the Onondaga Nation, the Seneca-Cayuga Nation, and the Cayuga Nation of New York.

Area of Potential Effect: The proposed project is located on a 0.5-acre parcel at the Nichols Volunteer Fire Department, at 106 West River Road, Nichols, New York.

Proposed Project Description: The proposed project is comprised of several component upgrades and improvements required for the firehouse to meet federal- and county-recommended standards as a functional emergency operations center for the Village and Town of Nichols, New York. All emergency vehicles and equipment will be stored at the renovated fire house. The proposed construction will include a steel framed building with energy conservation with 2016 New York State supplements. These upgrades and improvements include approximately 4,256 square feet of additional space to the existing firehouse and excavation depths to up to an estimated depth of 4 to 6 feet below ground surface. The addition and upgrades include a training room, community hall (multi-purpose area), mechanical room, gear room with washer and dryer, communications

room, locker area, kitchen, bathrooms, three offices, multiple storage areas, eight truck bays, stairs to a mezzanine and a mezzanine; approximately 24 parking spaces; and a septic system (See attached Site Plans). The new mezzanine will include three offices and storage space. Two of the six new bathrooms will be equipped with showers. The septic system will include a 1,500-gallon concrete tank with 750-gallon grease trap and leach areas with depths up to 4 feet below the ground surface and an area of disturbance of approximately 200 square feet depending on the final accepted design plan. The attached plans show the proposed building layout which is subject to change during the finalization and public review of the plans and permitting processes. The project would be constructed on the existing Nichols Volunteer Fire Department property. Approximately 9,000 square feet of asphalt will be added for parking and driveway. No land acquisition is anticipated.

The proposed improvements include:

- Minor earthwork
- Potential utility relocation
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- Ingress/egress to site to include onsite parking at facility
- Onsite drainage improvements at the facility

GOSR is completing an environmental review for this project pursuant to HUD NEPA regulations. The project has been submitted to the New York State Historic Preservation Office (SHPO) and SHPO has determined the project to have No Effect to Historic Properties (see attached SHPO letter). If the Area of Potential Effect encompasses historic properties of religious or cultural significance to your Nation, please respond within 30 days or sooner. Additionally, please indicate if there are other sources of information or other parties, Nations, Tribes, or members of the public you believe should be included in the consultation process. Please respond by email or in writing to the address listed below.

Mrs. Alicia Shultz
 Senior Environmental Scientist
 New York State Homes & Community Renewal
 38-40 State St., 408N, Hampton Plaza
 Albany, NY 12207

If you have any questions or require additional information regarding this request, please feel free to contact me at (518) 474-0647 or via email at Alicia.Shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,



Alicia Shultz
 Senior Environmental Scientist
 Bureau of Environmental Review and Assessment

Governor's Office of Storm Recovery
New York State Homes & Community Renewal

Enclosures:

Attachment 1: Project Description Letter

Attachment 2: Project Location Maps

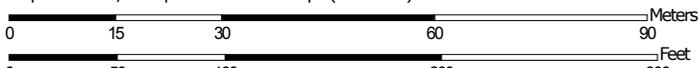
Attachment 3: SHPO Effect Finding Letter

Project Plans are included in Appendix B of this EA and are not duplicated in this Appendix.

Farmland Classification—Tioga County, New York
(Nichols Joint Fire Station)



Map Scale: 1:1,060 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84





Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

August 10, 2017

Mary Barthelme
Governor's Office of Storm Recovery
99 Washington Ave, Suite 1224
Albany, NY 12231

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Nichols Joint Fire Station
106 West River Road, Nichols/ Tioga County
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If I can be of further assistance, contact me at (518) 268-2187 or Larry.moss@parks.ny.gov
Sincerely,

A handwritten signature in black ink that reads "Larry K Moss".

Larry K Moss, Historic Preservation Technical Specialist

CC: Alicia Shultz, DHCR

Division for Historic Preservation

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • www.nysparks.com



August 11, 2017

Irving Powless, Chief
Onondaga Nation
RR#1, Box 319-B
Onondaga Nation via Nedrow, NY 13120

RE: Section 106 Compliance for Nichols Joint Fire Station Project, Village of Nichols,
Tioga County, New York

Dear Chief Irving Powless:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR) is acting under the auspices of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery (“CDBG-DR”) funds from the United States Department of Housing and Urban Development (“HUD”). GOSR is the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Nation to respond with any concerns or comments.

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Mrs. Alicia Shultz
 Senior Environmental Scientist
 New York State Homes & Community Renewal
 38-40 State St., 408N, Hampton Plaza
 Albany, NY 12207

If you have any questions or require additional information regarding this request, please feel free to contact me at (518) 474-0647 or via email at Alicia.Shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,



Alicia Shultz
 Senior Environmental Scientist
 Bureau of Environmental Review and Assessment

Governor's Office of Storm Recovery
New York State Homes & Community Renewal

Enclosures:

Attachment 1: Project Description Letter

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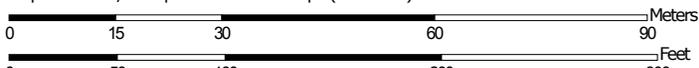
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Farmland Classification—Tioga County, New York
(Nichols Joint Fire Station)



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Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO

Governor

ROSE HARVEY

Commissioner

August 10, 2017

Mary Barthelme
Governor's Office of Storm Recovery
99 Washington Ave, Suite 1224
Albany, NY 12231

Re: HTF/ GOSR/ HUD CDBG-DR/ Addition:
Nichols Joint Fire Station
106 West River Road, Nichols/ Tioga County
17PR05520

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Sincerely,

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CC: Alicia Shultz, DHCR

Division for Historic Preservation

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August 11, 2017

Anthony Gonyea, Faithkeeper-Beaver Clan
Onondaga Nation
RR#1, Box 245
Onondaga Nation via Nedrow, NY 13120

RE: Section 106 Compliance for Nichols Joint Fire Station Project, Village of Nichols,
Tioga County, New York

Dear Anthony Gonyea:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR) is acting under the auspices of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery (“CDBG-DR”) funds from the United States Department of Housing and Urban Development (“HUD”). GOSR is the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Nation to respond with any concerns or comments.

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Mrs. Alicia Shultz
Senior Environmental Scientist
New York State Homes & Community Renewal
38-40 State St., 408N, Hampton Plaza
Albany, NY 12207

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Sincerely,



Alicia Shultz
Senior Environmental Scientist
Bureau of Environmental Review and Assessment

Governor's Office of Storm Recovery
New York State Homes & Community Renewal

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Attachment 2: Project Location Maps

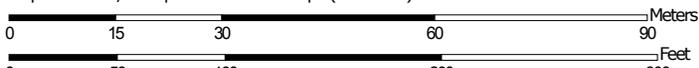
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Farmland Classification—Tioga County, New York
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Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO

Governor

ROSE HARVEY

Commissioner

August 10, 2017

Mary Barthelme
Governor's Office of Storm Recovery
99 Washington Ave, Suite 1224
Albany, NY 12231

Re: HTF/ GOSR/ HUD CDBG-DR/ Addition:
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106 West River Road, Nichols/ Tioga County
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CC: Alicia Shultz, DHCR

Division for Historic Preservation

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • www.nysparks.com



August 11, 2017

Ms. Thane Joyal
Attorney at Law, Counsel to Onondaga Nation
512 Jamesville Avenue
Syracuse, NY 13210

RE: Section 106 Compliance for Nichols Joint Fire Station Project, Village of Nichols,
Tioga County, New York

Dear Ms. Thane Joyal:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR) is acting under the auspices of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery (“CDBG-DR”) funds from the United States Department of Housing and Urban Development (“HUD”). GOSR is the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Nation to respond with any concerns or comments.

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 New York State Homes & Community Renewal
 38-40 State St., 408N, Hampton Plaza
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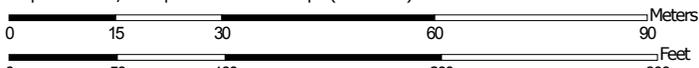
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August 10, 2017

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Division for Historic Preservation

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • www.nysparks.com



August 11, 2017

William Fisher, Chief
Seneca-Cayuga Nation
PO Box 453220
Grove, OK 74345-3220

RE: Section 106 Compliance for Nichols Joint Fire Station Project, Village of Nichols,
Tioga County, New York

Dear Chief William Fisher:

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38-40 State St., 408N, Hampton Plaza
Albany, NY 12207

If you have any questions or require additional information regarding this request, please feel free to contact me at (518) 474-0647 or via email at Alicia.Shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,



Alicia Shultz
Senior Environmental Scientist
Bureau of Environmental Review and Assessment

Governor's Office of Storm Recovery
New York State Homes & Community Renewal

Enclosures:

- Attachment 1: Project Description Letter
- Attachment 2: Project Location Maps
- Attachment 3: SHPO Effect Finding Letter

Electronic letter sent to:

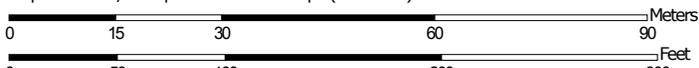
Paul Barton, THPO Representative
Seneca-Cayuga Nation
PO Box 453220
Grove, OK 74345-3220

The Project Plans are included in Appendix B of this EA and are not duplicated in this Appendix.

Farmland Classification—Tioga County, New York
(Nichols Joint Fire Station)



Map Scale: 1:1,060 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84





Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

August 10, 2017

Mary Barthelme
Governor's Office of Storm Recovery
99 Washington Ave, Suite 1224
Albany, NY 12231

Re: HTF/ GOSR/ HUD CDBG-DR/ Addition:
Nichols Joint Fire Station
106 West River Road, Nichols/ Tioga County
17PR05520

Dear Ms. Barthelme:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the submitted materials in accordance with Section 106 (Title 54, Section 306108) of the National Historic Preservation Act of 1966. These comments relate only to Historic/ Cultural resources. They do not include other environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based on this review, it is the opinion of SHPO that there will be No Historic Properties Affected by the proposed undertaking.

If I can be of further assistance, contact me at (518) 268-2187 or Larry.moss@parks.ny.gov
Sincerely,

Larry K Moss, Historic Preservation Technical Specialist

CC: Alicia Shultz, DHCR

Division for Historic Preservation

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • www.nysparks.com

Appendix G



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

AUG 29 2017

Ms. Alicia Shultz
Senior Environmental Scientist
Governor's Office of Storm Recovery
New York State Homes & Community Renewal
38-40 State Street, 408N
Hampton Plaza
Albany, NY 12207

Dear Ms. Shultz:

This is in response to your letter dated August 2, 2017 to the U.S. Environmental Protection Agency (EPA) requesting a Sole Source Aquifer review of the proposed "Nichols Joint Fire Station" project to be located in the Town of Nichols, Tioga County, New York. The project is to receive funding from the U.S. Department of Housing and Urban Development's Community Development Block Grant – Disaster Recovery program (CDBG-DR). The project site is located in the Clinton Street Ballpark Aquifer System, designated by the EPA as a Sole Source Aquifer on January 14, 1985 (citation 50 FR 2025). Therefore, our review has been conducted in accordance with Section 1424(e) of the Safe Drinking Water Act (SDWA).

The proposed project involves the expansion of a fire station located at 106 West River Road. The expansion would accommodate modern fire engines and will include a training space, bathrooms, a 1,440-square foot community meeting hall, and a 472-square foot kitchen. The information provided indicates that the expansion would be achieved within the existing 0.5-acre (21,750-square foot) parcel, and no additional land will be required. We note that the foundation of the extension will be slab-on-grade (no basement or crawl space). It is our understanding that approximately 9,000 square feet of asphalt will be added for parking and driveway.

Stormwater will flow to the existing storm sewers that serve the station. The facility would continue to be served by public water. Heat and hot water will be provided by on-site propane. An emergency generator will also be powered by propane.

Please see our recommendations below on environmentally-friendly landscaping and stormwater. Please consider using permeable pavement for the parking area and driveway, as well as energy- and water- efficient products for the building and other areas as appropriate.

Currently, wastewater and sewage is handled by an on-site septic system. We understand that under the proposed project this would be expanded to consist of a 1,500-gallon, double-section, concrete septic tank and absorption trenches.¹ We note that the septic tank effluent will go to a series of absorption trenches rather than to a leach field. The design plan calls for five absorption trenches, each 32 feet long and approximately 18 to 24 inches below grade, the actual depths designed to ensure gravity flow. High-density polyethylene arches (not pipes) known as "infiltrators" or "bio-diffusers" will be set into the trenches.² We further note that a separate, 750-gallon grease trap will receive kitchen waste.

We request that in training exercises, foam containing perfluoro compounds (PFCs) be strictly avoided as there have been numerous instances of PFCs contaminating ground and surface water.

Based on the information provided and with the above mentioned proviso, it is anticipated that this project will not pose a significant threat to public health or ground water resources and complies with Section 1424(e) of the SDWA. Please be advised that meeting the requirements of 1424(e) does not preclude the need to meet National Environmental Policy Act (NEPA) requirements to address direct, indirect, and cumulative impacts. This review does not constitute a review under Section 309 of the Clean Air Act; EPA therefore reserves the right to review additional environmental documents on this project.

EPA offers the following for your consideration to reduce environmental impacts and to create a more sustainable project.

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.

For more information on diesel emission controls in construction projects, please see: <http://www.northeastdiesel.org/pdf/NEDC-Construction-Contract-Spec.pdf>

Stormwater:

We emphasize the importance of 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. For further information, please see the following website:

<http://water.epa.gov/polwaste/green/>

¹ The first compartment of the tank is primarily where decomposition occurs; the second one, where settling occurs.

² The open end of the arch is in contact with the soil, and along the sides of the arch are perforations where additional septic effluent can diffuse into the soil.

Encourage cost-efficient, environmentally-friendly landscaping:

There are many benefits to making greener landscaping choices. For additional information, please see the following website:

<http://www2.epa.gov/greenerproducts/identifying-greener-landscaping-choices>

Energy-Efficiency:

Energy-efficient technologies should be incorporated into all aspects of the project. Please see the following website: <http://www.energystar.gov>

Water conservation and efficiency:

Promote water conservation and efficiency through the use of water efficient products and practices in the facility. We recommend considering the use of products with the WaterSense label where appropriate. Please refer to the WaterSense website for tips on water efficiency, a WaterSense labeled product search tool, a list of WaterSense Partners, and access to the Water Budget Tool at: <http://www.epa.gov/watersense/>

In addition to using WaterSense labeled products and certified professionals, there are many water conservation strategies and best management practices that can be used in new construction. Here are some useful links to water conservation information:

http://www.wbdg.org/resources/water_conservation.php

<http://www.allianceforwaterefficiency.org/>

<http://www.wateruseitwisely.com/100-ways-to-conserve/index.php>

If you have any questions concerning this matter or would like additional information, please feel free to contact Rajini Ramakrishnan of my staff at (212) 637-3731.

Sincerely yours,



Grace Musumeci, Chief
Environmental Review Section



**Governor's Office of
Storm Recovery**

ANDREW M. CUOMO
Governor

LISA BOVA-HIATT
Executive Director

August 2, 2017

Ms. Grace Musemeci
Chief of the Environmental Review Section
U.S. Environmental Protection Agency
Region 2 Main Regional Office
290 Broadway
New York, NY 10007-1866

Re: Sole Source Aquifer (SSA) Analysis – Clinton Street Ballpark SSA - CDBG-DR Funding Application
Nichols Joint Fire Station Project, Town of Nichols, Tioga County, New York

Dear Ms. Musemeci:

The New York State Governor's Office of Storm Recovery ("GOSR") received a funding application for the proposed expansion of the existing Nichols Fire Station to accommodate modern fire trucks and training and community meeting space (see attached figures).

The proposed project site is located at the current location of the Town of Nichols Fire Station at 106 West River Road, Nichols, NY 13812 and will include an expansion of the fire station to accommodate modern fire trucks and training and community meeting space and associated utilities such as bathrooms and updated kitchen. The expansion will include approximately 4,256 square feet of additional space including a mezzanine. The attached plans show the proposed building layout. Approximately 9,000 square feet of asphalt will be added for parking and driveway. No land acquisition is anticipated. No fuel storage is proposed and a new septic system will be installed in accordance with local and state requirements. The facility is supplied water from existing public water supplies and storm drainage system. The Nichols Fire Station is located over the **Clinton Street Ballpark sole source aquifer**.

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), GOSR is acting under the auspices of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant–Disaster Recovery ("CDBG-DR") funds from the United States Department of Housing and Urban Development ("HUD") and is the entity responsible for compliance with the HUD NEPA environmental review procedures set forth in 24 C.F.R. Part 58. 24 C.F.R. Part 58 requires GOSR to review projects for conformance with the Safe Drinking Water Act of 1974 (42 U.S.C. 201, 300(f) et seq., and 21 U.S.C. 349) as amended, and Environmental Protection Agency ("EPA") regulations pertaining to Sole Source Aquifers found at 40 C.F.R. Part 149.

In accordance with the Memorandum of Understanding ("MOU") between EPA and HUD dated August 24, 1990, GOSR hereby requests an Initial Screen/Preliminary Review for the above referenced project. Please review the attached documentation, including Attachment 2.A and Attachment 3 to the MOU. Responses can be sent to me via email at Alicia.Shultz@nyshr.org. In accordance with the MOU, a non-response within fifteen days shall

constitute a favorable review of the project/activity. If you have any questions, please feel free to contact me at (518) 474-0648. Thank you for your consideration and cooperation.

Sincerely,



Alicia Shultz
Senior Environmental Scientist
New York State Homes & Community Renewal
38-40 State St., 408N, Hampton Plaza, Albany, NY 1220

Enclosures:

- 2.A Non-housing/Project Activity Initial Screen Criteria
- 3 SSA Preliminary Review Information Requirements

Attachments: Site Plan - see site plan in the EA Appendix B

- A. Site Plan
- B. Sole Source Aquifer Map; Drinking Water Well Map

Drinking water well map is confidential and therefore, not included in Attachment B.

Enclosure 2a

ATTACHMENT 2.A

NON-HOUSING/PROJECT ACTIVITY INITIAL SCREEN CRITERIA

The following list of criteria questions are to be used as an initial screen to determine which **non-housing** projects/activities should be forwarded to the Environmental Protection Agency (EPA) for Preliminary Sole Source Aquifer (SSA) Review. (For housing projects/activities see Attachment 2.B) If any of the questions are answered affirmatively, Attachment 3, SSA Preliminary Review Requirements, should also be completed. The application/final statement, this Attachment, Attachment 3, and any other pertinent information should then be forwarded to EPA at the address below.

Any project/activity not meeting the criteria in this Attachment, but suspected of having a potential adverse effect on the Sole Source Aquifer should also be forwarded.

CRITERIA QUESTIONS	YES	NO	N/A
<p>1. Is the project/activity located within a currently designated or proposed groundwater sensitive area such as a special Ground Water Protection Area, Critical Supply Area, Wellhead Protection Area, etc.? [This information can be obtained from the County or Regional Planning board, the local health department, the State health department or the State environmental agency.]</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>2. Is the project/activity located within a one half mile radius (2640 feet) of a current or proposed public water supply well or wellfield? [This information can be obtained from the local health department, the State health department or the State environmental agency.]</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Will the project/activity include or directly cause (check appropriate items):

	YES	NO	N/A
construction or expansion of solid waste disposal, recycling or conversion facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion or closure of landfills	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion of water supply facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion of on-site wastewater treatment plants or sewage trunk lines	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion of gas or petroleum trunk lines greater than 1320 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion of railroad spurs or similar extensions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion of municipal sewage treatment plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

4. Will the project/activity include storage or handling of any hazardous constituents as listed in Attachment 4, Hazardous Constituents

5. Will the project/activity include bulk storage of petroleum in underground or above ground tanks in excess of 1100 gallons?
(Please give what assurance they are done in a proper manner.)

6. Will the project/activity require a federal or state discharge elimination permit or modification of an existing permit?

This attachment was completed by:

Name: Alicia Shultz
Title: Senior Environmental Scientist
Address: 38-40 State St., 408N, Hampton Plaza
Albany, NY 12207
Telephone number: (518) 474-0647
Date: August 2, 2017

Enclosure 3

ATTACHMENT 3

SSA PRELIMINARY REVIEW INFORMATION REQUIREMENTS

Where currently available, the information in this Attachment should be provided to the Environmental Protection Agency (see address below) along with the application/final statement; Attachment 2.A, Non-Housing Initial Screen Criteria or Attachment 2.B, Housing Initial Screen Criteria; and any other information which may be pertinent to a Sole Source Aquifer review. Where applicable, indicate the source of your information.

I. Project/Activity Location	Enclosed?	
	Yes	No
<p>1. Provide the geographic location and total acreage of the project/activity site. Include a site map which identifies the site in relation to the surrounding area. [Examples of maps which can be used include: 1:24,000 or 1:25,000 U.S. Geological Survey quadrangle sheet, Hagstroms Street Map.]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>2. If applicable, identify which groundwater sensitive areas (Special Ground Water Protection Area, Critical Supply Area, Wellhead Protection Area, etc.) the project/activity is located within or adjacent to. [This information may be obtained from the County or Regional planning board, the local health department, the State health department or the State environmental agency.]</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

II. Nature of Project/Activity	Enclosed?	
	Yes	No
<p>3. Provide a general narrative describing the project/activity including but not limited to: type of facility; type of activities to be conducted; number and type of units; number of residents, etc. Provide the general layout of the project/activity site and site-plan if available.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

III. Public Water Supply	Enclosed?	
	Yes	No
<p>4. Provide a description of plans to provide water supply.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<p>5. Provide the location of nearby existing or proposed public water supply wells or wellfields within one half mile radius (2640 feet) of the project/activity. Provide the name of the supplier(s) of those wells or wellfields. This information should be available from the local health department, State health department or the State environmental agency.</p> <p>Only small community wells, not public</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
---	-------------------------------------	--------------------------

IV. Wastewater and Sewage Disposal	Enclosed?	
	Yes	No
<p>6. Provide a description of plans to handle wastewater and sewage disposal. If the project/activity is to be served by existing public sanitary sewers provide the name of the sewer district.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>7. Provide a description of plans to handle storm water runoff.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>8. Identify the location, design, size of any on-site recharge basins, dry wells, leaching fields, retention ponds, etc.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

V. Use, Storage, Transport of Hazardous or Toxic Materials <i>(Applies only to non-housing projects/activities)</i>	Enclosed?	
	Yes	No
<p>9. Identify any products listed in Attachment 4, Hazardous Constituents, of the Housing and Urban Development-Environmental Protection Agency Memorandum of Understanding which may be used, stored, transported, or released as a result of the project not related to construction</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>10. Identify the number and capacity of underground storage tanks at the project/activity site. Identify the products and volume to be stored, and the location on the site.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>11. Identify the number and capacity of above ground storage tanks at the project/activity site. Identify the products and volume to be stored, and the location on the site</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This form was completed by:

Name: Alicia Shultz

Title: Senior Environmental Scientist

Address: 38-40 State St., 408N, Hampton Plaza
Albany, NY 12207

Telephone number: (518) 474-0647

Date: August 2, 2017

I. Project/Activity Location

1. Provide the geographic location and total acreage of the project/activity site. Include a site location map which identifies the site in relation to the surrounding area. [Examples of maps which can be used include: 1:24,000 or 1:25,000 U.S. Geological Survey quadrangle sheet, Hagstroms Street Map.]

The proposed project is located on a 0.5-acre parcel at the Nichols Volunteer Fire Department, at 106 West River Road, Nichols, New York with coordinate of -76.369 longitude and 42.022 latitude. See attached sole source aquifer map and drinking water well map. The fire department is equipped with a backup generator fueled by natural gas lines.

II. Nature of Project Activity

3. Provide a general narrative describing the project/activity including but not limited to: type of facility; type of activities to be conducted; number and type of units; number of residents etc. Provide the general layout of the project/activity site and a site-plan if available.

The proposed project site is located at the current location of the Town of Nichols Fire Station at 106 West River Road, Nichols, NY 13812 and will include an expansion of the fire station to accommodate modern fire trucks and training and community meeting space and associated utilities such as bathrooms and updated kitchen. The fire station will be expanded to include approximately 4,256 square feet of additional space including a mezzanine. The attached plans show the proposed building layout. Approximately 9,000 square feet of asphalt will be added for parking and driveway.

III. Public Water Supply

5. Provide the location of nearby existing or proposed public water supply wells or wellfields within a one half mile radius (2,640 feet) of the project/activity. Provide the name of the supplier(s) of those wells or wellfields. This information should be available from the local health department, State health department or the State environmental agency.

The area is served with public water. There are two existing drinking water wells within a half mile radius of the project as shown on the attached drinking water well map. Neither of the wells would be impacted by the proposed project activities.

IV. Wastewater and Sewage Disposal

6. Provide a description of plans to handle wastewater and sewage disposal. If the project/activity is to be served by existing public sanitary sewers provide the name of the sewer district.

The current fire station is served by on onsite septic system. A new system will be installed as shown on Sheet C1 of the attached site plans. The system will be installed in accordance with

local and state health department requirements and permitting requirements for Tioga County and Town of Nichols. The system will be equipped with a grease trap, a 1,250-gallon double section concrete septic tank and absorption trenches.

7. Provide a description of plans to handle storm water runoff.

Storm water will discharge to the existing storm sewers that currently serve the fire station.

Attachment A

See Site Plan in the EA

Attachment B



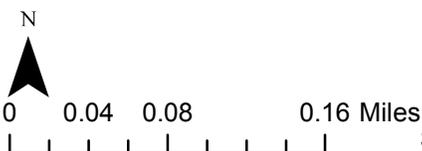
Legend

- Nichols Joint Fire Station Project
- Sole Source Aquifer

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

The information contained may be incorrect, incomplete or outdated, and New York State disclaims any responsibility for the accuracy or correctness of the information. New York State, its officers, employees, or agents shall not be liable for damages or losses of any kind, consequential or otherwise, incurred as a result of the use of this information, directly or indirectly. In using this information, users further agree to indemnify, defend, and hold harmless New York State for any and all liability of any nature arising out of or resulting from the lack of accuracy or correctness of the information, or the use of the information. New York State reserves the right to make changes and updates to the information at any time and without notice. For internal use only

Nichols Joint Fire Station Sole Source Aquifers

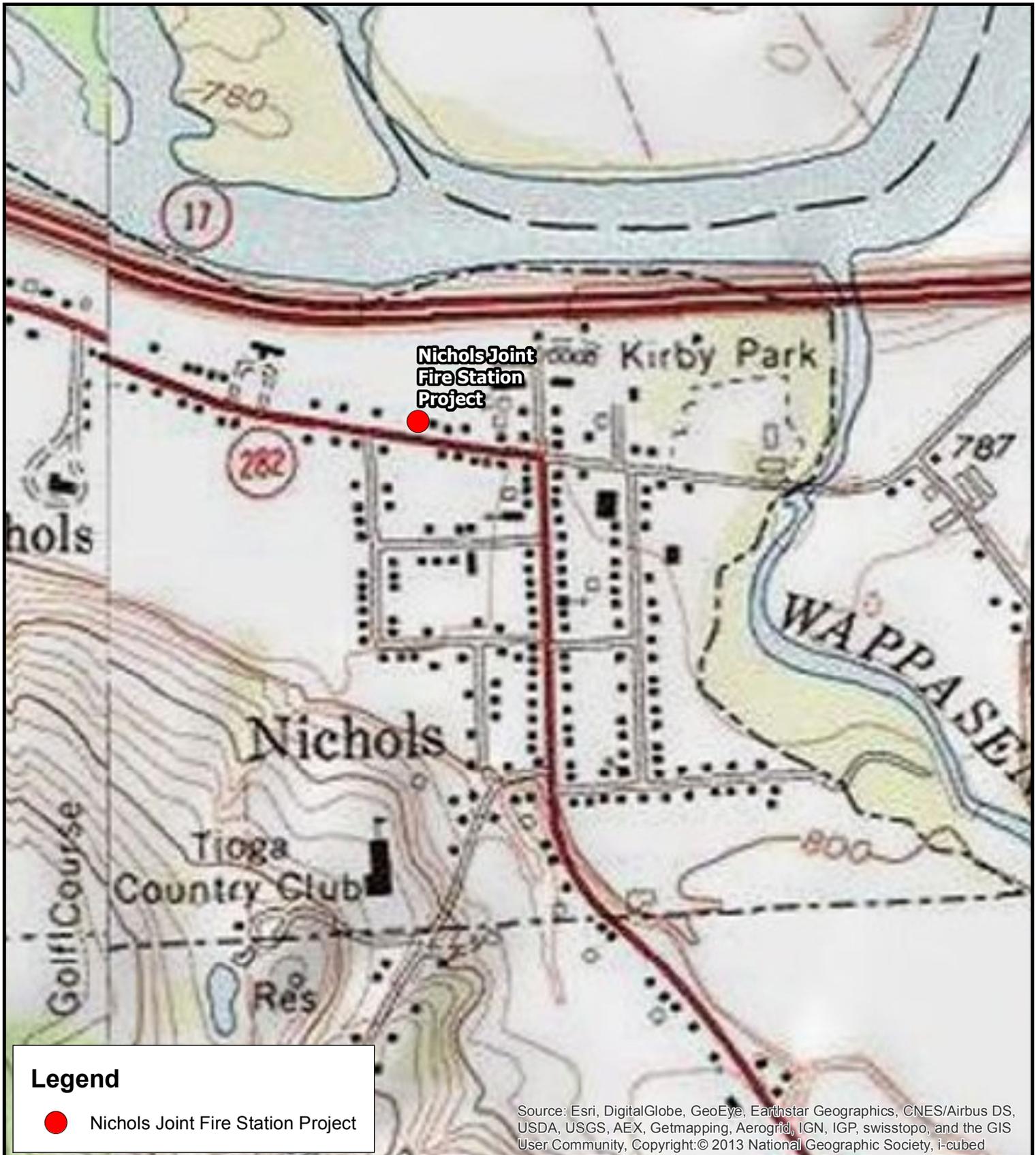


Sources of Data: USFWS, FEMA, ESRI, State of NY



Governor's Office of Storm Recovery
 Drawn By: R.Ferres
 Version: 1.1
 Date: 07/28/2017

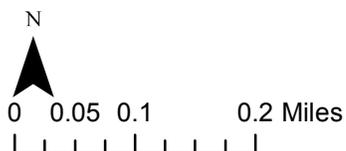
Appendix H



The information contained may be incorrect, incomplete or outdated, and New York State disclaims any responsibility for the accuracy or correctness of the information. New York State, its officers, employees, or agents shall not be liable for damages or losses of any kind, consequential or otherwise, incurred as a result of the use of this information, directly or indirectly. In using this information, users further agree to indemnify, defend, and hold harmless New York State for any and all liability of any nature arising out of or resulting from the lack of accuracy or correctness of the information, or the use of the information. New York State reserves the right to make changes and updates to the information at any time and without notice. For internal use only

Nichols Joint Fire Station Project

Topo Map



Sources of Data: USFWS, FEMA, ESRI, State of NY



Governor's Office of Storm Recovery
 Drawn By: R.Ferres
 Version: 1.1
 Date: 08/18/2017