

EO 11988 Floodplain Management Determination

Town of Maxton Sewer Lift Station Generators Project
EO 11988 Floodplain Management Determination
Infrastructure Recovery Program

June 29, 2023

Introduction & Overview

The purpose of Executive Order (EO) 11988 Floodplain Management is “to avoid to the extent possible the long- and short-term adverse impacts associated with occupancy and modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative.” This determination contains the analysis prescribed by 24 CFR Part 55.

This proposed action involves U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant Program – Mitigation (CDBG-MIT) funding to purchase and install four (4) generator packages, to include integrated diesel fuel tanks, automatic transfer switching, wiring connections, electrical panels, mounting pads, and the generators. The analysis that follows focuses on floodplain impacts, as there are direct floodplain impacts associated with this proposed action. Based on the existing sewer lift stations, generator placement requirements, type of land use, site conditions, and other case characteristics described herein, it is concluded that there is a reasonable basis to proceed with funding for this proposed action within 100-year floodplain. The HUD CDBG-MIT funding is administered through the North Carolina Office of Recovery and Resiliency (NCORR) Infrastructure Recovery Program which is developing sustainable and resilient communities. Thus, alternatives preventing or impeding the development of sustainable and resilient communities are not considered reasonable alternatives.

Description of Proposed Action & Land Use

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town’s ability to maintain proper functioning of its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediate threat to the public health and safety of the Town’s residents resulting from sewage backups into buildings served by the offline sewer lift stations. This proposed action will utilize CDBG-MIT funding to install auxiliary power generators at four existing sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events. No change in land use is proposed. (See *Town of Maxton Sewer Lift Station Generators Project Environmental Assessment [EA] Environmental Review Record [ERR]*).

Robeson County, on behalf of the Town of Maxton, has procured engineering services to provide design drawings for the purchase of auxiliary power generators of appropriate sizes to alleviate the effects of future primary power loss, per the following:

1. **SLS No. 5:** One (1) 25kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 25-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the automatic transfer switch (ATS) will sense loss of primary

power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

2. **SLS No. 7:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling. **SLS No. 7** is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line.
3. **SLS No. 10:** One (1) 60kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the southwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 35-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.
4. **SLS No. 11:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated on the southern edge of the subject property. Generator equipment will include an integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2' feet above base flood elevation (BFE). The steel frame will be mounted on steel posts, anchored 4' below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling.

All generator equipment at all sites will be placed on concrete pads above surrounding ground elevation with **SLS No. 11** improvements placed at least two feet above BFE. The Subject Properties each contain a sewer lift station that is fenced-in with a locked gate (see **Attachment 1A**: Subject Properties' Site Visit Photographs).

Proposed location:

Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364
Maxton Sewer Lift Station **No. 7**, 904 US 74 BUS, Maxton, NC 28364
Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364
Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364

The proposed sites for construction (Subject Properties) are located at the four addresses listed above, and have individual maps identifying their locations (**Attachment 1**). The Robeson County Tax Map information for each property is in **Attachment 1**. Maxton **SLS No. 5** located at 303 N. Hooper Street, Maxton, NC 28364 is Town-owned, identified as Parcel ID 330601026, and consists of 0.41 acre. Maxton **SLS No. 7** located at 904 US 74 BUS, Maxton, NC 28364 is Town-owned, identified as Parcel ID 33030102001, and consists of 0.33 acre. Maxton **SLS No. 10** located at 627 NC Highway 71N, Maxton, NC 28364 is Town-owned, identified as Parcel ID 11030100143, and consists of 0.47 acre. Maxton **SLS No. 11** located at 2074 NC Highway 71N, Maxton, NC 28364 is County-owned, identified as Parcel ID 110202001, and consists of approximately 1.43 acres.

Three sewer lift stations, **SLS Nos. 5, 7, and 10**, are located in Zone "X" outside of Special Flood Hazard Area (SFHA), as denoted by Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs) in **Appendix 1**. Based on the FEMA FIRM panel 3710838400K, effective on 1/19/2005, **SLS No. 5**, 303 N Hooper Street is located in Zone X. Based on the FEMA FIRM panel 3710839600L, effective on 12/6/2019, and Preliminary FIRM (PFIRM) dated 8/29/2014, **SLS No. 7**, 904 US 74 BUS and **SLS No. 10**, 627 NC Highway 71N are located in Zone X (*PFIRM only shows SLS No. 10*).

Based on the FEMA FIRM panel 3710930700M, effective on 12/6/2019, and PFIRM dated 8/29/2014, **SLS No. 11**, 2074 NC Highway 71N is located in Zone AE. **SLS No. 11** is the only site located within a FEMA designated flood zone (100-year floodplain, SFHA – Zone AE). The four Subject Properties are not located within a FEMA-designated regulatory floodway. According to the National Flood Insurance Program (NFIP) Flood Insurance Manual effective October 1, 2022 and the NFIP Direct Claims and Underwriting Departments, generators located outside of a building are not insurable structures.

Applicable Regulatory Procedure Per EO 11988

The proposed action corresponds with a noncritical action not excluded under 24 CFR §55.12. Funding is permissible for the use in the floodplain if the proposed action is processed under 24 CFR §55.20 and the findings of the determination are affirmative to suggest that the proposed action may proceed.

In accordance with 24 CFR 55, the proposed action involves the purchase, installation and operation of generator packages at the four existing, fenced-in sewer lift stations in Robeson County which is a participating community in good standing in the regular program of the National Flood Insurance Program (NFIP). Substantial Improvement/ Substantial Damage calculations do not apply to this proposed action. However, this proposed action involves "modification" of floodplain. As such, the full eight-step floodplain

determination process in §55.20 is required, and the following analysis examines each step in an EO 11988 floodplain management determination process.

Step 1. Determine Whether the Proposed Action is Located in the 100-year Floodplain (500-year for Critical Actions).

According to the FEMA FIRMs, the proposed action at **SLS No. 11** occurs in 100-year floodplain (SFHA - Zone AE) (**Appendix 1**). The proposed action is considered “modification” of floodplain as the activities will involve installation of a generator package, including integrated diesel fuel tanks, ATS, wiring connections, electrical panel, mounting pad, and generator at Maxton **SLS No. 11** in the 100-year floodplain. A Floodplain Development Permit will be obtained for the proposed action.

The proposed action will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. All necessary permits will be identified and obtained prior to commencing work and appended to the *Town of Maxton Sewer Lift Station Generators Project EA ERR* when received from the permitting agencies.

Step 2. Initiate Public Notice for Early Review of Proposal.

Because the proposed action is located in floodplain, NCORR published an early notice that allowed for public and agency input on the decision to provide funding for construction activities. The early public notice and 15-day comment period is complete. No new, substantive public comments were received.

The early notice and corresponding 15-day public comment period started on June 7, 2023, with the "Early Notice and Public Review of a Proposed Activity in a 100-Year Floodplain" being published in The Robesonian newspaper and the 15-day period expiring on June 22, 2023. The notice targeted local residents within the community, including those in the floodplain. The notice was also posted at <https://www.rebuild.nc.gov/about/plans-policies-reports/environmental-reviews> and sent via Federal Express and email to the following federal and State agencies on June 7, 2023: HUD NC Field Office; Federal Emergency Management Agency (FEMA); U.S. Environmental Protection Agency (EPA); U.S. Fish and Wildlife Service (USFWS); and NC State Environmental Clearinghouse. The notice was also sent to Robeson County and the Town of Maxton. Project information has been sent to the NC State Historic Preservation Office (SHPO) and Catawba Indian Nation for review and comment under Section 106 of the National Historic Preservation Act of 1966 (NHPA). In addition, a notification letter for the proposed project was sent to the Lumbee Tribe of North Carolina Chairman John Lowery. (*See Attachment 11 in the Town of Maxton Sewer Lift Station Generators Project EA ERR*). (See **Appendix 2** for the early notice distributed to these agencies, the newspaper publication affidavit, distribution list, and comments received).

Step 3. Identify and Evaluate Practicable Alternatives to Locating the Proposed Action in a 100-year Floodplain.

The North Carolina Infrastructure Recovery Program empowers the State’s most impacted communities with the technical expertise needed to develop thorough and implementable reconstruction plans to build physically, socially, and economically resilient and sustainable communities.

The main alternative is the “No Action” Alternative for the current proposed action. Since the generators are ancillary structures and must be installed next to the four existing sewer lift stations, there are no additional alternatives other than the “No Action” Alternative for the proposed action. The proposed action must be performed at the existing sewer lift stations, and project designs have been completed in accordance

with agency input to minimize impacts to the floodplain, environment and community. The No Action Alternative is not considered feasible since the Town of Maxton experiences sewage backflows and lack of sewage treatment capacity in the Town's WWTP's service area during storm events. During Hurricane Matthew and its aftermath, the Town's primary power source was lost, causing the Town's sewer lift stations to go offline, creating a threat to public safety resulting from sewage backups to end users served by the offline sewer lift stations. The generators will provide auxiliary power at these four sewer lift stations during power outages, such as those experienced during Hurricane Matthew. These generators are necessary to have correctly functioning sewer lift stations and Town sewer infrastructure to protect the residents and the community from this threat to public safety during and after future storm events. There is no identifiable benefit from not completing the proposed action.

The above-identified alternatives will be re-evaluated in response to public comments received.

Step 4. Identify and Evaluate Potential Direct and Indirect Impacts Associated with the Occupancy or Modification of 100-year Floodplain and the Potential Direct and Indirect Support of Floodplain Development that Could Result from Proposed Action.

The focus of floodplain evaluation should be on adverse impacts to lives and property, and on natural and beneficial floodplain values. Natural and beneficial values include consideration of potential for adverse impacts on water resources such as natural moderation of floods, water quality maintenance, and groundwater recharge.

According to the FEMA Report - A Unified National Program for Floodplain Management, the two definitions commonly used in evaluating actions in floodplain are "structural" and "non-structural" activities. Per the report, structural activity is usually intended to mean adjustments that modify the behavior of floodwaters through the use of measures such as public works dams, levees, and channel work. Non-structural is usually intended to include all other adjustments (e.g., regulations, insurance, etc.) in the way society acts when occupying or modifying a floodplain. These definitions are used in describing impacts that may arise in association with potential advancement of this case.

Natural Moderation of Floods, Water Quality Maintenance, and Groundwater Recharge

Based on the FEMA FIRM panel 3710930700M, effective on 12/6/2019, and PFIRM dated 8/29/2014, **SLS No. 11**, 2074 NC Highway 71N is located in Zone AE (**Appendix 1**). **SLS No. 11** is the only site located within 100-year floodplain (Zone AE). The four Subject Properties are not located within a FEMA-designated regulatory floodway. The proposed action is considered "modification" of floodplain as the activities will involve installation of a generator package, including integrated diesel fuel tanks, ATS, wiring connections, electrical panel, mounting pad, and generator at Maxton **SLS No. 11** in the 100-year floodplain. The proposed action will result in temporary impacts to 0.03 acres of 100-year floodplain and permanent impacts to 0.002 acres of proposed action. Natural floodplains are beneficial by providing natural moderation of floods, surface water quality maintenance, and groundwater recharge. The proposed action is occurring at regularly maintained, mowed parcels with fenced-in sewer lift stations. Due to the previous, significant site modification including fill and development for the sewer lift station, there will be minimal impacts on the natural and beneficial functions and values of the 100-year floodplain at **SLS No. 11**. The **SLS No. 11** site contains approximately 1.23 acres of 100-year floodplain and project activities will not result in additional fill within the 100-year floodplain. Overall, the functions and values associated with the impacted floodplain are limited due to site conditions (previous site modification, regular site maintenance, fencing) and the small area impacted. Native plants will be used in site restoration. The proposed action will comply with a Floodplain Development Permit and all applicable federal, State and

local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. As practicable, BMPs for erosion and sedimentation control will be utilized during construction. This will ensure that water quality and the ability to maintain water quality and allow for groundwater recharge are not impacted by the proposed action. Thus, measures will be implemented to ensure the proposed action will have no further impacts to 100-year floodplain during construction.

This proposed action involves installation of generator packages at four existing sewer lift stations. The proposed action must be performed at the existing sewer lift stations, and project designs have been completed in accordance with agency input to minimize impacts to the environment and community. The proposed action is necessary to have fully functioning sewer lift stations to protect the residents and community from the inundation of sewage during and after future storm events. Thus, while the proposed action would directly affect the floodplain, it is not anticipated to have an adverse effect on the floodplain for the surrounding communities or environment.

Living Resources such as Flora and Fauna

For this proposed action, the USFWS Raleigh Ecological Services' online 10-step project review process was completed. The proposed action was determined to have "no effect" on proposed, threatened, endangered, or candidate species and proposed or designated critical habitat under USFWS jurisdiction, and a "no Eagle Act permit required" determination for the Bald Eagle. NCORR submitted the Self-Certification Letter and online project review certification package to the USFWS Raleigh Field Office (FO) on January 31, 2023. No official comment has been received by USFWS. The Applicant will update this determination annually for multi-year activities.

The Subject Properties are regularly maintained and mowed, fenced-in sewer lift station parcels, and there is no vegetation (other than grass) or tree removal anticipated. The project designs have been completed in accordance with agency input to minimize impacts to the environment and community. The proposed action is not anticipated to introduce nuisance plant species to the Subject Properties such as invasive species, or plants that disrupt native plant communities. Native plants will be used in site restoration. The proposed action will comply with a Floodplain Development Permit and all applicable federal, State and local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. As practicable, BMPs for erosion and sedimentation control will be utilized during construction. Thus, measures will be implemented to ensure the proposed action will have no further impacts to 100-year floodplain during construction. The proposed action has been determined to have "no effect" on proposed, threatened, endangered, or candidate species and proposed or designated critical habitat. Thus, as designed, the proposed action will have no or minimal impacts to living resources, such as flora and fauna, during installation and operation of the generators.

Impacts to Property and Lives

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain proper functioning of its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediate threat to the public health and safety of the Town's residents resulting from sewage backups into buildings served by the offline sewer lift stations. This proposed action will utilize CDBG-MIT funding to install auxiliary power generators at four existing sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events.

Following the Hurricane Matthew storm event, Robeson County, on behalf of the Town of Maxton, has procured engineering services to provide design drawings for the purchase of auxiliary power generators of appropriate sizes to alleviate the effects of future primary power loss during future storm events. The Town of Maxton has selected the proposed action to ensure fully functioning sewer lift stations in order to protect the residents and community from the inundation of sewage during and after future storm events. According to the Project Information Form, the proposed project objective is to “provide services to our sewer residents without backups or overflows during power outages from a storm or emergencies.” In the absence of effective waste water treatment, threats to public safety arising from lack of processing capability are of chief concern to the Town and County. Providing this critical infrastructure will ensure that sewage treatment may continue in the event of loss of primary power and alleviate severe threats to public welfare during and after future storm events. Therefore, the proposed action is not anticipated to have adverse impacts to property and lives, but rather aims to provide correctly functioning sewer lift stations and Town sewer infrastructure to protect property and lives in the Town’s WWTP service area during storm events.

Cultural Resources such as Archaeological, Historic and Recreational Aspects

According to the EJSscreen Reports for a one-mile radius of the Subject Properties, **SLS No. 5** is located in an area with an approximately 90% minority population and 62% low-income population. **SLS No. 7** is located in an area with an approximately 87% minority population and 57% low-income population. **SLS No. 10** is located in an area with an approximately 89% minority population and 60% low-income population. **SLS No. 11** is located in an area with an approximately 93% minority population and 56% low-income population. The socioeconomic indicators show that there is a higher percentage of minority and low-income population in the proposed project area as compared to the State and national averages. According to the NC DEQ Community Map, all of the Subject Properties are located in the NC DEQ Potentially Underserved Block Groups 2019. (See *Town of Maxton Sewer Lift Station Generators Project EA ERR’s Attachment 15.*)

This proposed action is anticipated to consist of generator package installation at existing sewer lift stations, with the work occurring in areas of previous ground disturbance. As part of this review, the NC SHPO, Chief and Tribal Historic Preservation Offices (THPO) of all applicable Tribes, Nations, and Communities were consulted regarding any historic properties of religious and cultural significance in the area that could be affected by the proposed actions. The NC SHPO responded on March 7, 2023 that “[w]e have conducted a review of the project and are aware of no historic resources which would be affected by the project. Therefore, we have no comment on the project as proposed.” According to the HUD Tribal Directory Assessment Tool (TDAT), the Catawba Indian Nation is the only federally-recognized tribes with interests in Robeson County, North Carolina. On January 31, 2023, the Catawba Indian Nation’s THPO responded that “[t]he Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites, or Native American archaeological sites within the boundaries of the proposed project areas. However, the Catawba are to be notified if Native American artifacts and/ or human remains are located during the ground disturbance phase of this project.” On January 23, 2023, NCORR Director Ms. Laura Hogshead sent a notification letter for the proposed project to the Lumbee Tribe of North Carolina Chairman John Lowery, and no response was received. The SHPO and Catawba Indian Nation Section 106 review and consultation documentation and Lumbee Tribe of North Carolina project notification letter are included in the *Town of Maxton Sewer Lift Station Generators Project EA ERR’s Attachment 11.*

The proposed action will not introduce new development that would generate demand for open space/ recreational resources or impede open space access. The proposed action does not redevelop or change the land use of this area, but rather installs generator packages at four existing fenced-in sewer lift stations. Therefore, the proposed action is not anticipated to have adverse impacts to parks, open spaces or recreational areas.

Agricultural, Aquacultural, and Forestry Resources

The Subject Properties are sewer lift station sites which are currently fenced with locked gates. The Maxton sewer lift station **No. 5** was built in 1967. Maxton sewer lift stations **Nos. 7, 10, and 11** were built in 1980. **SLS No.7** is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line. The Subject Properties have existing sewer lift stations that were built prior to August 4, 1984 and, thus, are exempt from the Farmland Protection Policy Act (FPPA) under 7 CFR 658.2(c)(1)(ii). In addition, this proposed action involves new construction for ancillary generator packages at pre-existing structures and, thus, also considered “Activities Not Subject to Provisions of FPPA” under 7 CFR 658.3(c). According to the USACE, NC DEQ and site visits, there are no wetlands or open water located on the Subject Properties and no associated permits required. The **SLS No. 11** parcel is located approximately 450 feet to the Lumber River and not within a distance where the placement of the generator will have any impact. Therefore, the proposed action is not expected to have an adverse impact on aquacultural resources. The Subject Properties are regularly maintained and mowed, fenced-in sewer lift station parcels, and there is no vegetation (other than grass) or tree removal anticipated. Therefore, the proposed action is not expected to have an adverse impact on forestry resources. Overall, the proposed action is not anticipated to have an effect on agricultural, aquacultural or forestry resources.

Step 5. Where Practicable, Design or Modify the Proposed Action to Minimize the Potential Adverse Impacts to and from the 100-Year Floodplain and to Restore and Preserve its Natural and Beneficial Functions and Values.

According to the FEMA FIRMs, the proposed action at **SLS No. 11** occurs in 100-year floodplain (SFHA - Zone AE) (**Appendix 1**). The proposed action will result in temporary impacts to 0.03 acres of 100-year floodplain and permanent impacts to 0.002 acres of 100-year floodplain. The proposed action is considered “modification” of floodplain at Maxton **SLS No. 11** as the activities will involve site preparation and installation of the ATS adjacent to the new control panel and circuit breaker equipment, 6 feet above-grade, and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2 feet above BFE. The steel frame will be mounted on steel posts, anchored 4 feet below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling. The proposed action must be performed at the existing sewer lift stations due to the ancillary nature of the generators, and project designs have been completed in accordance with agency input to minimize impacts to the floodplain, environment and community. Native plants will be used in site restoration. As practicable, BMPs for erosion and sedimentation control will be utilized during construction. The proposed action will comply with a Floodplain Development Permit and all applicable federal, State and local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. Thus, measures will be implemented to ensure the proposed action will have no further impacts to 100-year floodplain during construction.

Floodplains are beneficial by providing natural moderation of floods, surface water quality maintenance, groundwater recharge, diverse wildlife habitat, cultural resources (archaeological, historic, and recreational), and agricultural, aquacultural, and forestry resources. The proposed action will occur at regularly maintained, mowed parcels with fenced-in sewer lift stations. Due to the previous, significant site modification including fill and development for the sewer lift station, there will be minimal impacts on the natural and beneficial functions and values of the 100-year floodplain at **SLS No. 11**. The **SLS No. 11** site contains approximately 1.23 acres of 100-year floodplain and project activities will not result in additional fill within the 100-year floodplain. Overall, the functions and values associated with the impacted floodplain are limited due to site conditions (previous site modification, regular site maintenance, fencing) and the small area impacted.

Step 6. Reevaluate the Alternatives and Proposed Action.

The proposed action involves the purchase, installation and operation of generator packages at four existing fenced-in sewer lift stations. Since the generators are ancillary structures and must be installed next to the four existing sewer lift stations, there are no additional alternatives other than the “No Action” Alternative for the proposed action. Hurricane Matthew caused widespread power outages in Maxton and throughout Robeson County causing functional failures at all eleven sewer lift stations, which resulted in waste backups throughout the Town’s sewer system due to the lack of auxiliary power availability at the sewer lift stations. The presence of auxiliary power capability at even four of the lift station sites would have offset the harmful effects of primary power loss; however, the Town did not have generators, either fixed or mobile, available for use, until days following the storm. After taking into account the capability of the overall system to transport waste to the main treatment plant, these four sewer lift stations were identified as those necessary for the overall system to function in the event of primary power loss. These four sewer lift stations have been prioritized as those sites requiring auxiliary power sources and automatic switching capability. The generators will provide auxiliary power during power outages, such as those experienced during Hurricane Matthew. The proposed action is necessary to have fully functioning sewer lift stations to protect the residents and community from the inundation of sewage during and after future storm events.

The “No Action” Alternative is not considered feasible since the Town of Maxton experiences sewage backflows and lack of sewage treatment capacity in the Town’s WWTP’s service area during storm events. In the absence of effective waste water treatment, threats to public safety arising from lack of processing capability are of chief concern to the Town and County. Providing this critical infrastructure will ensure that sewage treatment may continue in the event of loss of primary power and alleviate severe threats to public welfare during and after future storm events. There is no identifiable benefit from not completing the proposed action.

Implementation of the proposed action will abide by all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Permits required for this proposed action shall be obtained before commencing work and appended to the *Town of Maxton Sewer Lift Station Generators Project EA ERR* when received from the permitting agencies. The impacts of these alternatives will be re-evaluated in response to any public comments received.

Step 7. Issue Findings and Public Explanation.

It is the finding of this report that there is no better alternative than to provide funding for the Town of Maxton Sewer Lift Station Generators Project. These four sewer lift stations have been prioritized as those sites requiring auxiliary power sources and automatic switching capability. The generators will provide auxiliary power during power outages, such as those experienced during Hurricane Matthew. The proposed action and site locations have been determined to be the most suitable, feasible options selected by the Town of Maxton to protect its residents and community during future storm events.

A final notice, formally known as “Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain” was published in accordance with 24 CFR 55. However, this notice was combined with the Notice of Finding of No Significant Impact (FONSI) and Notice of Intent to Request Release of Funds (NOI-RROF) for a 15-day comment period. The 15-day comment period started with the combined notice publishing in The Robesonian newspaper on July 1, 2023, and expires on July 17, 2023. The notice was also posted at <https://www.rebuild.nc.gov/about/plans-policies-reports/environmental-reviews> and sent via Federal Express and email to the following State and federal agencies on July 1, 2023: HUD NC Field Office; FEMA; EPA; USFWS; and NC State Environmental Clearinghouse. The notice was also sent to Robeson County and the Town of Maxton. Project information has been sent to the NC SHPO and Catawba

Indian Nation for review and comment under Section 106 of the NHPA. In addition, a notification letter for the proposed project was sent to the Lumbee Tribe of North Carolina Chairman John Lowery (*See Attachment 11 in the Town of Maxton Sewer Lift Station Generators Project EA ERR*). (See **Appendix 3** for the final notice distributed to these agencies, the newspaper publication affidavit [to be added after publication], distribution list, and comments received [to be added after end of comment period].) Any comments received will be addressed, if significant, and added to the EA. If modifications result from public comment, these will be made prior to proceeding with the submission of a request for release of funds.

Step 8. Implementation and Continuing Responsibility of the Responsible Entity and Recipient.

NCORR is the responsible entity and will provide educational materials, when available. It is acknowledged there is a continuing responsibility by the responsible entity to ensure, to the extent feasible and necessary, compliance with the Steps herein.

APPENDIX 1

MAXTON SEWER LIFT STATION GENERATORS

EARLY NOTICE FLOODPLAIN MAPS

- **Proposed Project Location Maps, Robeson County Parcel Information, and Design Plans**
- **FEMA FIRMs and PFIRMs with Parcel Boundary**

Proposed Project Location Maps, Robeson County Parcel Information, and Design Plans

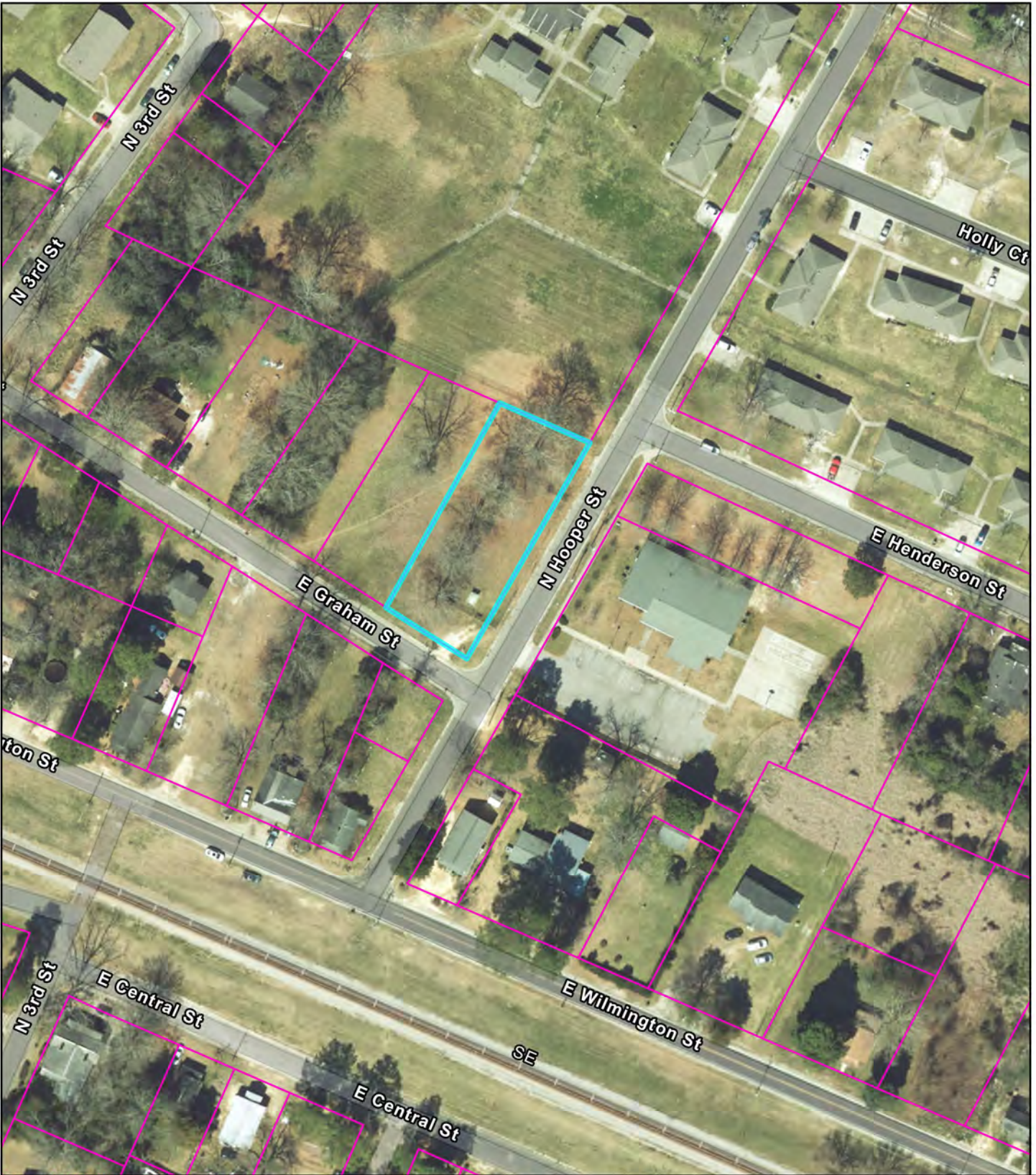
Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364,
Parcel ID 330601026

Maxton Sewer Lift Station **No. 7**, 904 US 74 BUS, Maxton, NC 28364,
Parcel ID 33030102001

Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364,
Parcel ID 11030100143

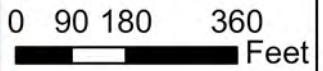
Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364,
Parcel ID 110202001

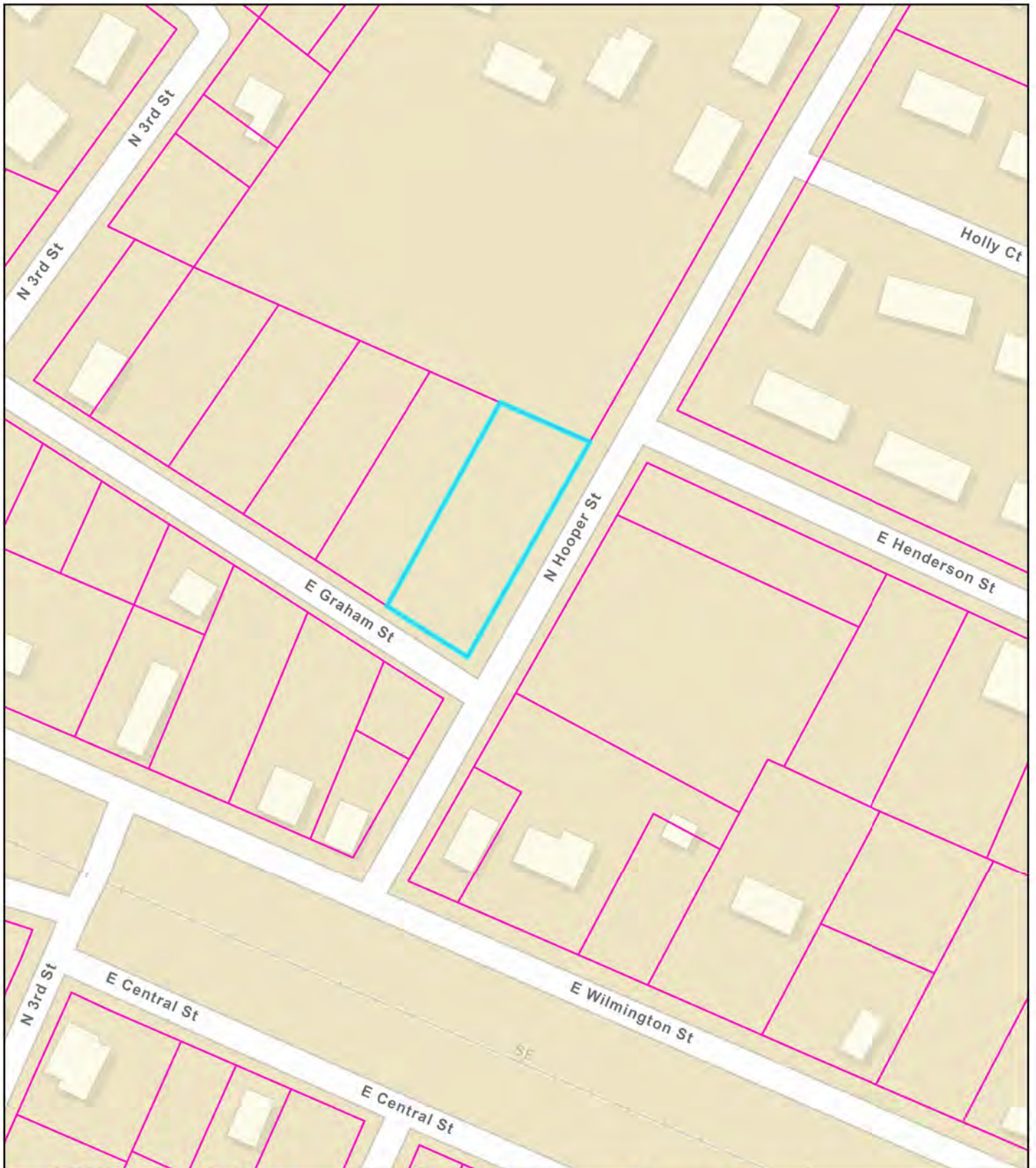
Maxton Sewer Lift Station No. 5
303 N. Hooper Street, Maxton, NC 28364



Maxton Sewer Lift Station Generators
No. 5, 303 N. Hooper Street
Maxton, Robeson County, NC

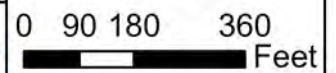
Esri Community Maps Contributors, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, NC CGIA, Maxar, USGS





Maxton Sewer Lift Station Generators
No. 5, 303 N. Hooper Street
Maxton, Robeson County, NC

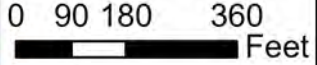
Esri Community Maps Contributors, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USGS The National Map:





Maxton Sewer Lift Station Generators
No. 5, 303 N. Hooper Street
Maxton, Robeson County, NC

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



County of Robeson, NC



MAPNO	330601026
PIN_NUMBER	839579018400
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	0
OWNERTYPE	null
STATUS	null
OLDMAPNO	3306-01-026
NUMMOD	null
LOT	null
NBHD_CODE	33011
TAX_YEAR	2021
PAR_CODE	
MAP	8395
SUBMAP	
BLOCK	79
PARCEL	0184
SUBPARCEL	00
PHYLOCAT	75532
CITYCODE	
ROUTENUM	0
OWNERID	47054003
CUROWNID	47054003

OWNAM1	TOWN OF MAXTON
OWNAM2	
OWNAM3	
OWADR1	P O BOX 99
OWADR2	
OWADR3	
OWADR4	
OWCITY	MAXTON
OWSTATE	NC
OWZIP	283640000
STNUM	0
STSUFFIX	
STDIR	
STNAME	GRAHAM
STTYPE	ST
STDIRSUF	
UNITNO	
DEEDACRE	0.41
MAPACRE	0.41
DISTCODE	53
TOWNCODE	33
PARDESC3	
PARDESC1	E-70
NBHCLASS	
NBHCODE	33011
EXEMCODE	E70
DEEDBOOK	null
DEEDPAGE	null
DEEDYEAR	null
PLATBOOK	null
PLATPAGE	null
DATESOLD	null
LEGDESC1	LT WEST SIDE 4TH ST
LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	839579018400
REQREVIEW	
PHYSTRADR	GRAHAM ST
SCHCODE	0
AREACODE	1
LNDASVCUR	9800
IMPASVCUR	6900
QUALCODE	null

RECTYPE
SALEAMT
SALEINST
DEEDSTMP

null
null
null
null



Robeson County Government

PROPERTY REPORT - PRINT

Property Owner TOWN OF MAXTON	Owner's Mailing Address P O BOX 99 MAXTON, NC 283640000	Property Location Address GRAHAM ST
---	--	---

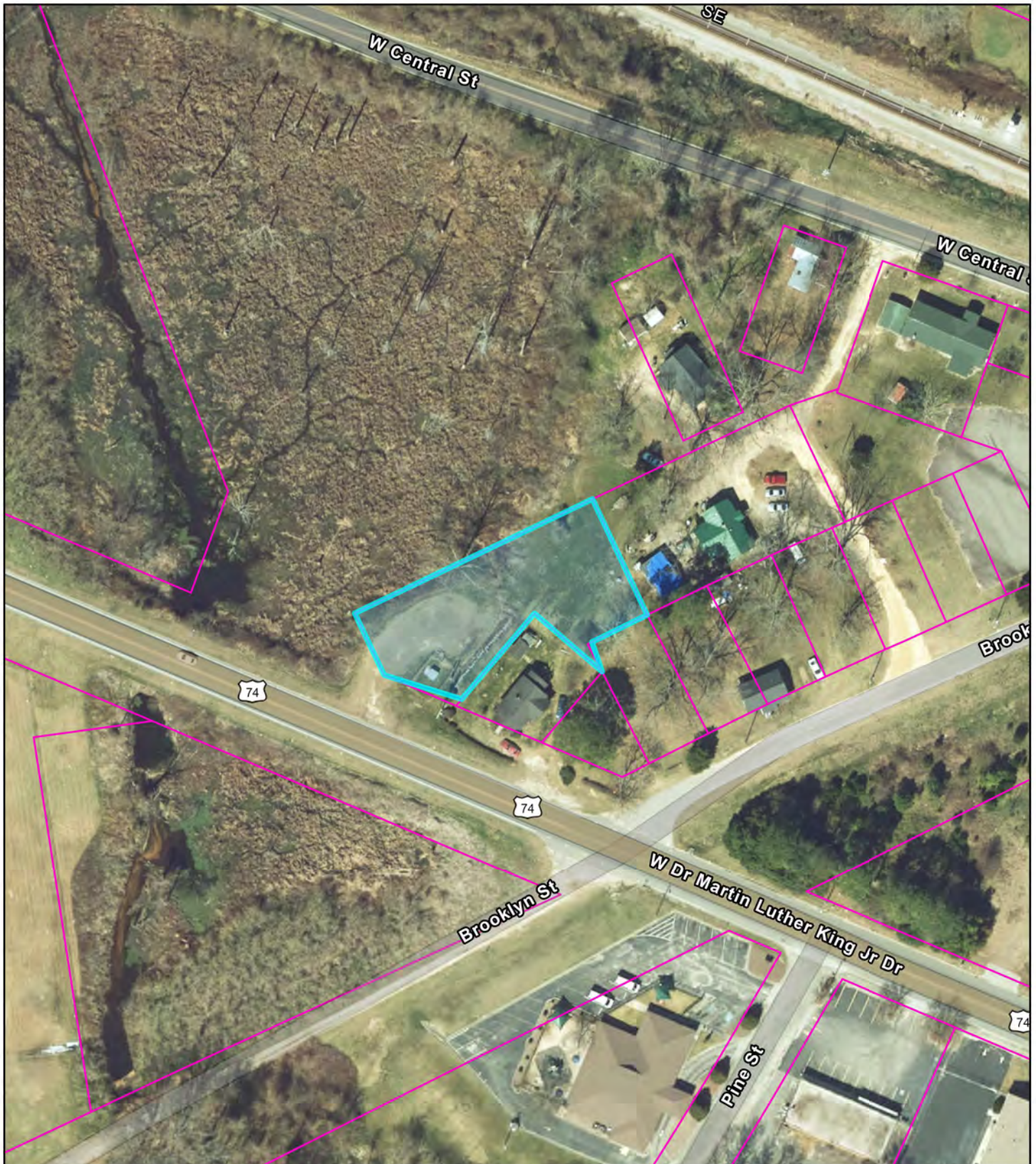
Administrative Data Parcel Ref No. 330601026 PIN 839579018400 Account No. 47054003 Tax District TOWN MAXTON Land Use Code E-70 Land Use Desc RP LOCAL GOVT. (TWP & BD) Subdiv Code Subdiv Desc Neighborhood 33011	Administrative Data Legal Desc LT WEST SIDE 4TH ST Deed Bk/Pg / Plat Bk/Pg / Sales Information Grantor Sold Date 2005-01-01 Sold Amount \$ 0	Valuation Information Market Value \$ 16,700 Market Value - Land and all permanent improvements, if any, effective January 1, 2010, date of County's most recent General Reappraisal Assessed Value \$ 16,700 If Assessed Value not equal Market Value then subject parcel designated as a special class -agricultural, horticultural, or forestland and thereby eligible for taxation on basis of Present-Use and/or reduction from a formal appeal procedure Land Supplemental Map Acres 0.41 Tax District Note Present-Use Info
--	--	---

Improvement Detail (1st Major Improvement on Subject Parcel)	
Year Built	0
Built Use/Style	
Current Use	/
* Percent Complete	0
Heated Area (S/F)	0
** Bathroom(s)	0 Full Bath(s) 0 Half Bath(s)
** Bedroom(s)	0
Fireplace (Y/N)	N
Basement (Y/N)	N
Attached Garage (Y/N)	N
*** Multiple Improvements	0
<small>* Note - As of January 1 ** Note - Bathroom(s), Bedroom(s), shown for description only *** Note - If multiple improvements equal "MLT" then parcel includes additional major improvements</small>	

Improvement Valuation (1st Major Improvement on Subject Parcel)	
* Improvement Market Value \$ 6,900	** Improvement Assessed Value \$ 6,900
<small>* Note - Market Value effective Date equal January 1, 2010, date of County's most recent General Reappraisal ** Note - If Assessed Value not equal Market Value then variance resulting from formal appeal procedure</small>	

Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$ 9,800	Land Present-Use Value (PUV) \$ ** 9,800	Land Total Assessed Value \$ 9,800
<small>** Note: If PUV equal LMV then parcel has not qualified for present use program</small>		

Maxton Sewer Lift Station No. 7
904 US 74 BUS, Maxton, NC 28364

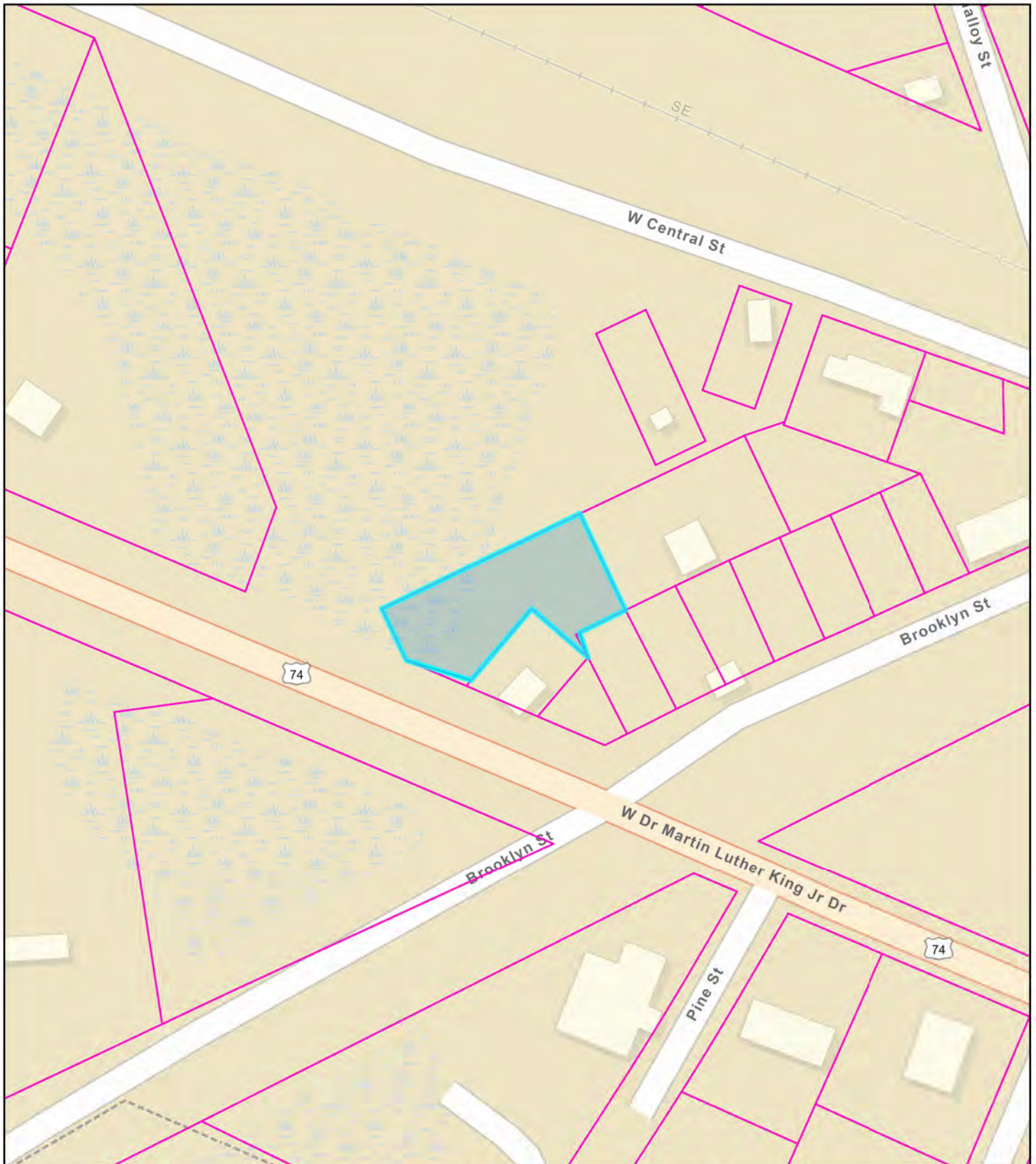


Maxton Sewer Lift Station Generators
No. 7, 904 US 74 Business
Maxton, Robeson County, NC

Esri Community Maps Contributors, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, NC CGIA, Maxar, Esri



0 35 70 140
Feet

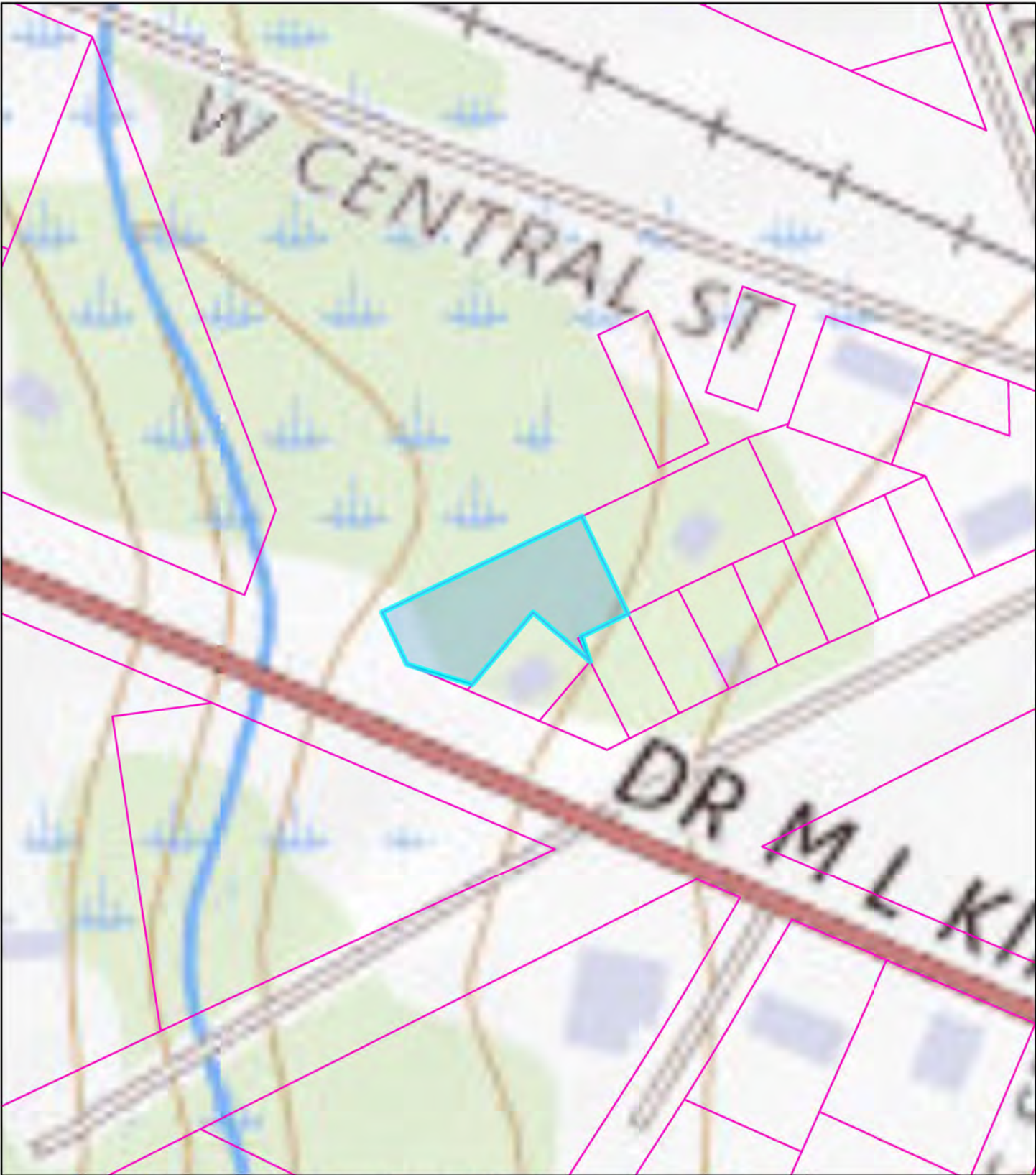


Maxton Sewer Lift Station Generators
No. 7, 904 US 74 Business
Maxton, Robeson County, NC

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Esri Community Maps Contributors, State of North

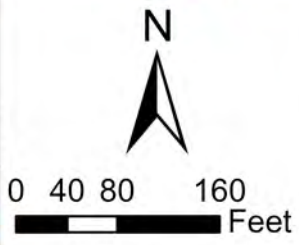


0 40 80 160 Feet



Maxton Sewer Lift Station Generators
No. 7, 904 US 74 Business
Maxton, Robeson County, NC

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



County of Robeson, NC



MAPNO	33030102001
PIN_NUMBER	839620138500
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	0
OWNERTYPE	null
STATUS	null
OLDMAPNO	3303-01-02001
NUMMOD	null
LOT	null
NBHD_CODE	33003
TAX_YEAR	2021
PAR_CODE	
MAP	8396
SUBMAP	
BLOCK	20
PARCEL	1385
SUBPARCEL	00
PHYLOCAT	64399
CITYCODE	
ROUTENUM	0
OWNERID	47054004
CUROWNID	47054004

OWNAM1	TOWN OF MAXTON
OWNAM2	
OWNAM3	
OWADR1	P O BOX 99
OWADR2	
OWADR3	
OWADR4	
OWCITY	MAXTON
OWSTATE	NC
OWZIP	283640000
STNUM	0
STSUFFIX	
STDIR	
STNAME	MARTIN LUTHER KING DR
STTYPE	
STDIRSUF	
UNITNO	
DEEDACRE	0.33
MAPACRE	0.33
DISTCODE	53
TOWNCODE	33
PARDESC3	
PARDESC1	E-70
NBHCLASS	
NBHCODE	33003
EXEMCODE	E70
DEEDBOOK	null
DEEDPAGE	null
DEEDYEAR	null
PLATBOOK	null
PLATPAGE	null
DATESOLD	null
LEGDESC1	LT BROOKLYN
LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	839620138500
REQREVIEW	
PHYSTRADR	MARTIN LUTHER KING DR
SCHCODE	0
AREACODE	1
LNDASVCUR	3600
IMPASVCUR	400
QUALCODE	null

RECTYPE
SALEAMT
SALEINST
DEEDSTMP

null
null
null
null



Robeson County Government

PROPERTY REPORT - PRINT

Property Owner TOWN OF MAXTON	Owner's Mailing Address P O BOX 99 MAXTON, NC 283640000	Property Location Address MARTIN LUTHER KING DR
---	--	---

Administrative Data Parcel Ref No. 33030102001 PIN 839620138500 Account No. 47054004 Tax District TOWN MAXTON Land Use Code E-70 Land Use Desc RP LOCAL GOVT. (TWP & BD) Subdiv Code Subdiv Desc Neighborhood 33003	Administrative Data Legal Desc LT BROOKLYN Deed Bk/Pg / Plat Bk/Pg / Sales Information Grantor Sold Date 2005-01-01 Sold Amount \$ 0	Valuation Information Market Value \$ 4,000 Market Value - Land and all permanent improvements, if any, effective January 1, 2010, date of County's most recent General Reappraisal Assessed Value \$ 4,000 If Assessed Value not equal Market Value then subject parcel designated as a special class -agricultural, horticultural, or forestland and thereby eligible for taxation on basis of Present-Use and/or reduction from a formal appeal procedure Land Supplemental Map Acres 0.33 Tax District Note Present-Use Info
--	--	---

Improvement Detail (1st Major Improvement on Subject Parcel)	
Year Built	0
Built Use/Style	
Current Use	/
* Percent Complete	0
Heated Area (S/F)	0
** Bathroom(s)	0 Full Bath(s) 0 Half Bath(s)
** Bedroom(s)	0
Fireplace (Y/N)	N
Basement (Y/N)	N
Attached Garage (Y/N)	N
*** Multiple Improvements	0
<small>* Note - As of January 1 ** Note - Bathroom(s), Bedroom(s), shown for description only *** Note - If multiple improvements equal "MLT" then parcel includes additional major improvements</small>	

Improvement Valuation (1st Major Improvement on Subject Parcel)	
* Improvement Market Value \$	** Improvement Assessed Value \$
400	400
<small>* Note - Market Value effective Date equal January 1, 2010, date of County's most recent General Reappraisal ** Note - If Assessed Value not equal Market Value then variance resulting from formal appeal procedure</small>	

Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
3,600	3,600	3,600
<small>** Note: If PUV equal LMV then parcel has not qualified for present use program</small>		

Parcel Sketch:

No Sketch Available

Parcel Photo:

No Photo Available

Maxton Sewer Lift Station No. 10
627 NC Highway 71N, Maxton, NC 28364

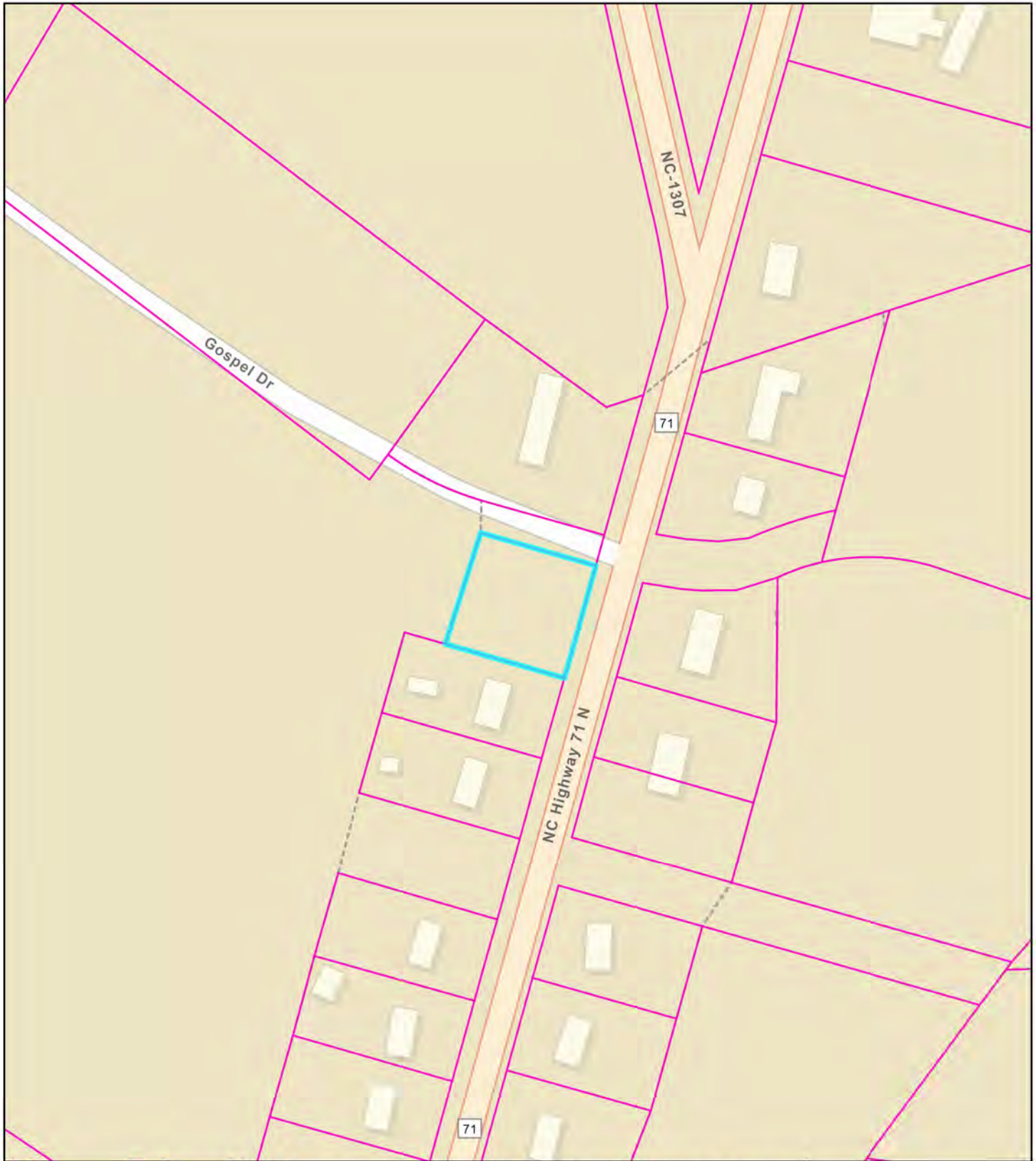


Maxton Sewer Lift Station Generators
No. 10, 627 NC Highway 71N
Maxton, Robeson County, NC

Esri Community Maps Contributors, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, NC CGIA, Maxar, USGS



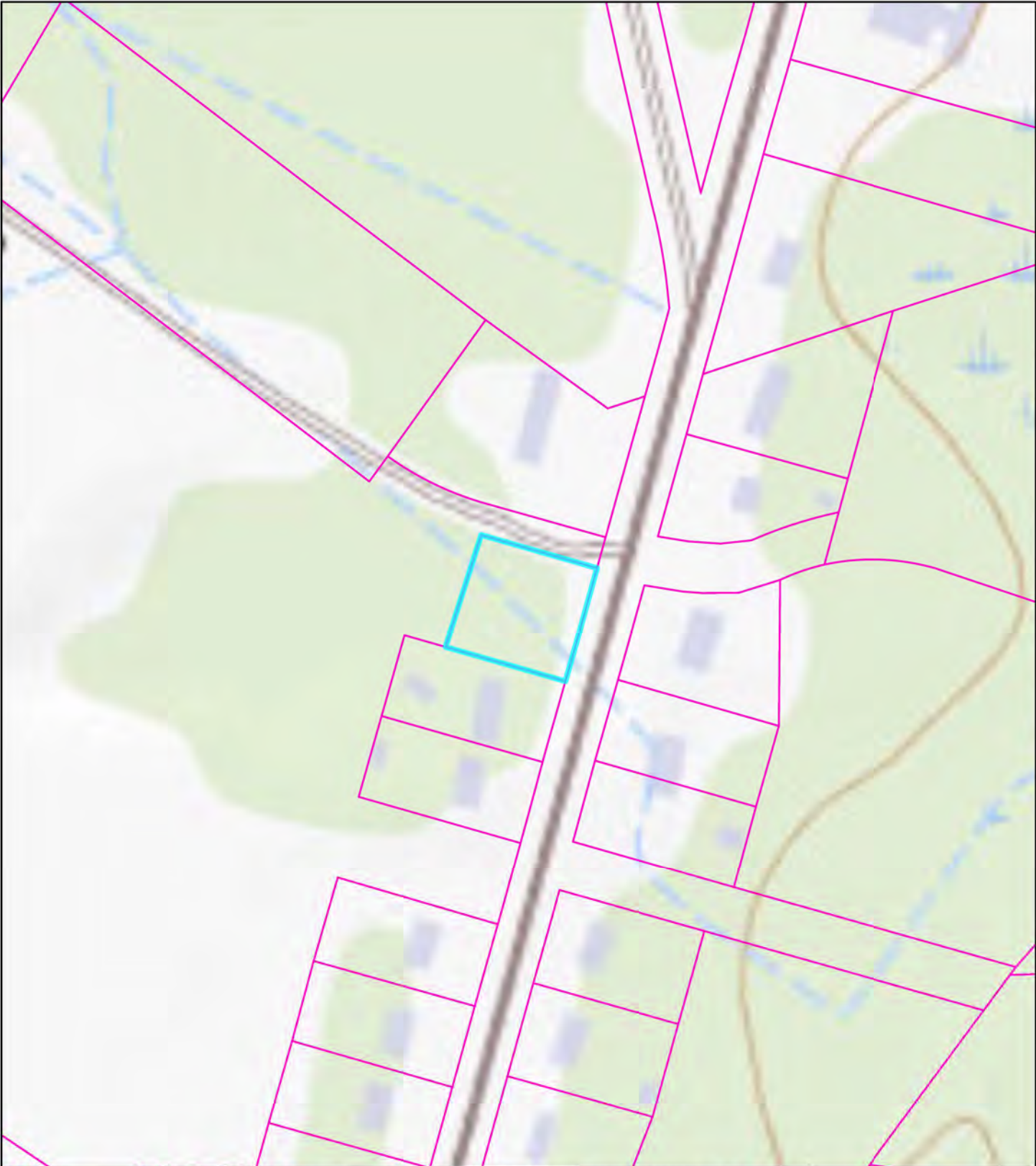
0 55 110 220
Feet



Maxton Sewer Lift Station Generators
No. 10, 627 NC Highway 71N
Maxton, Robeson County, NC

Esri Community Maps Contributors, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USGS The National Map:





Maxton Sewer Lift Station Generators
No. 10, 627 NC Highway 71N
Maxton, Robeson County, NC

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 55 110 220
Feet

County of Robeson, NC



MAPNO	11030100143
PIN_NUMBER	839677702100
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	0
OWNERTYPE	null
STATUS	null
OLDMAPNO	1103-01-00143
NUMMOD	null
LOT	null
NBHD_CODE	33020
TAX_YEAR	2021
PAR_CODE	
MAP	8396
SUBMAP	
BLOCK	77
PARCEL	7021
SUBPARCEL	00
PHYLOCAT	74137
CITYCODE	
ROUTENUM	0
OWNERID	47054022
CUROWNID	47054022

OWNAM1	TOWN OF MAXTON
OWNAM2	
OWNAM3	
OWADR1	P O BOX 99
OWADR2	
OWADR3	
OWADR4	
OWCITY	MAXTON
OWSTATE	NC
OWZIP	283640000
STNUM	0
STSUFFIX	
STDIR	
STNAME	DEANGELO RD
STTYPE	
STDIRSUF	
UNITNO	
DEEDACRE	0.47
MAPACRE	0.47
DISTCODE	53
TOWNCODE	11
PARDESC3	
PARDESC1	E-70
NBHCLASS	
NBHCODE	33020
EXEMCODE	E70
DEEDBOOK	null
DEEDPAGE	null
DEEDYEAR	null
PLATBOOK	null
PLATPAGE	null
DATESOLD	null
LEGDESC1	WEST SIDE NC HWY 71
LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	839677702100
REQREVIEW	
PHYSTRADR	DEANGELO RD
SCHCODE	0
AREACODE	1
LNDASVCUR	14100
IMPASVCUR	2200
QUALCODE	null

RECTYPE
SALEAMT
SALEINST
DEEDSTMP

null
null
null
null



Robeson County Government

PROPERTY REPORT - PRINT

Property Owner TOWN OF MAXTON	Owner's Mailing Address P O BOX 99 MAXTON, NC 283640000	Property Location Address DEANGELO RD
---	--	---

Administrative Data Parcel Ref No. 11030100143 PIN 839677702100 Account No. 47054022 Tax District TOWN MAXTON Land Use Code E-70 Land Use Desc RP LOCAL GOVT. (TWP & BD) Subdiv Code Subdiv Desc Neighborhood 33020	Administrative Data Legal Desc WEST SIDE NC HWY 71 Deed Bk/Pg / Plat Bk/Pg / Sales Information Grantor Sold Date 2005-01-01 Sold Amount \$ 0	Valuation Information Market Value \$ 16,300 Market Value - Land and all permanent improvements, if any, effective January 1, 2010, date of County's most recent General Reappraisal Assessed Value \$ 16,300 If Assessed Value not equal Market Value then subject parcel designated as a special class -agricultural, horticultural, or forestland and thereby eligible for taxation on basis of Present-Use and/or reduction from a formal appeal procedure Land Supplemental Map Acres 0.47 Tax District Note Present-Use Info
--	--	---

Improvement Detail (1st Major Improvement on Subject Parcel)	
Year Built	0
Built Use/Style	
Current Use	/
* Percent Complete	0
Heated Area (S/F)	0
** Bathroom(s)	0 Full Bath(s) 0 Half Bath(s)
** Bedroom(s)	0
Fireplace (Y/N)	N
Basement (Y/N)	N
Attached Garage (Y/N)	N
*** Multiple Improvements	0
<small>* Note - As of January 1 ** Note - Bathroom(s), Bedroom(s), shown for description only *** Note - If multiple improvements equal "MLT" then parcel includes additional major improvements</small>	

Improvement Valuation (1st Major Improvement on Subject Parcel)	
* Improvement Market Value \$ 2,200	** Improvement Assessed Value \$ 2,200
<small>* Note - Market Value effective Date equal January 1, 2010, date of County's most recent General Reappraisal ** Note - If Assessed Value not equal Market Value then variance resulting from formal appeal procedure</small>	

Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
14,100	14,100	14,100
<small>** Note: If PUV equal LMV then parcel has not qualified for present use program</small>		

Parcel Sketch:

No Sketch Available

Parcel Photo:

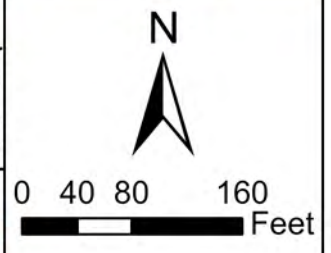
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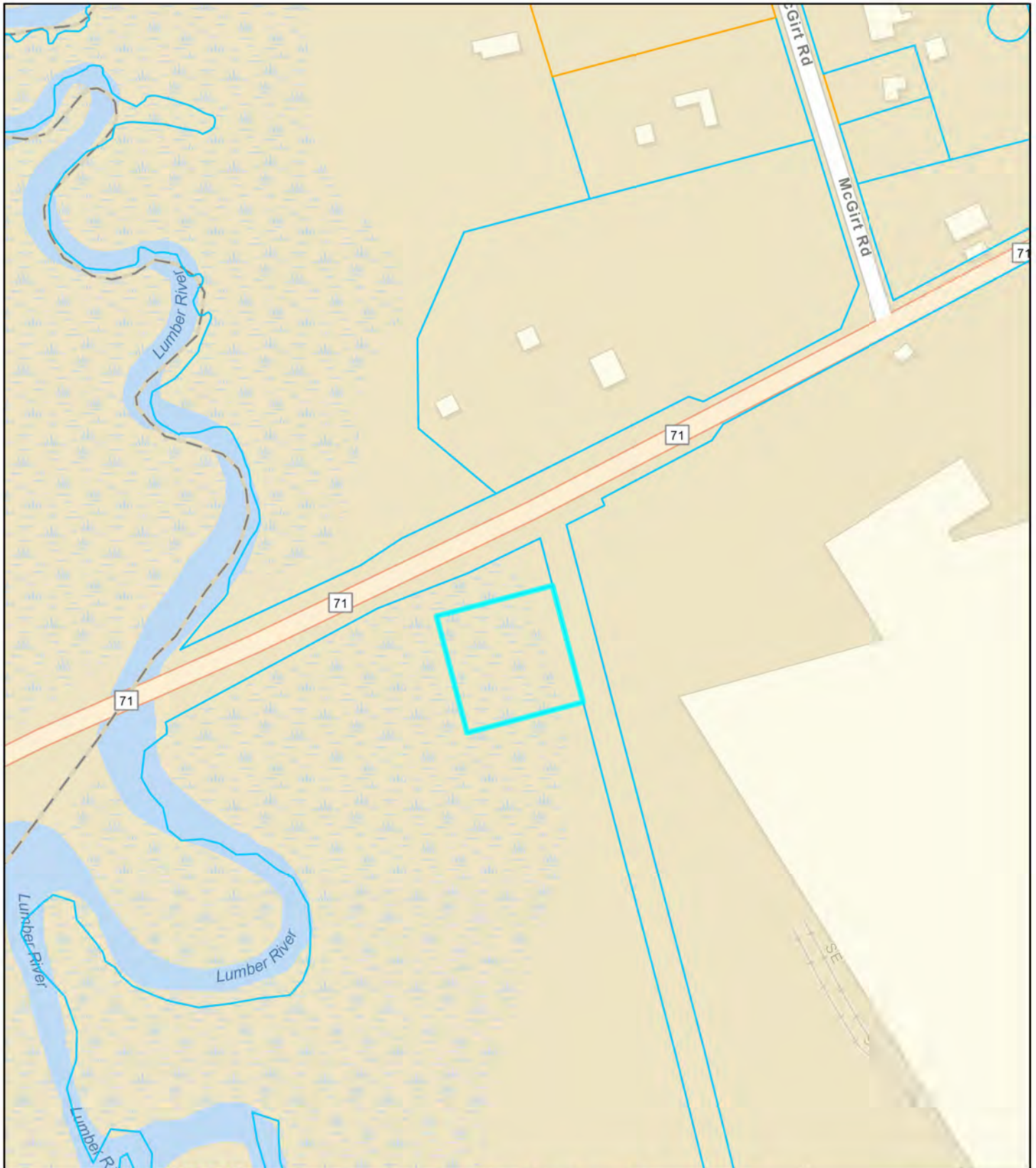
Maxton Sewer Lift Station No. 11
2074 NC Highway 71N, Maxton, NC 28364



Maxton Sewer Lift Station Generators
No. 11, 2074 NC Highway 71N
Maxton, Robeson County, NC

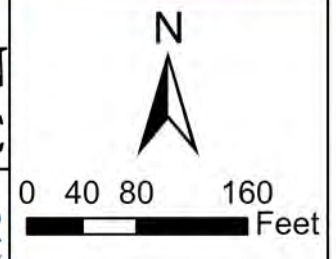
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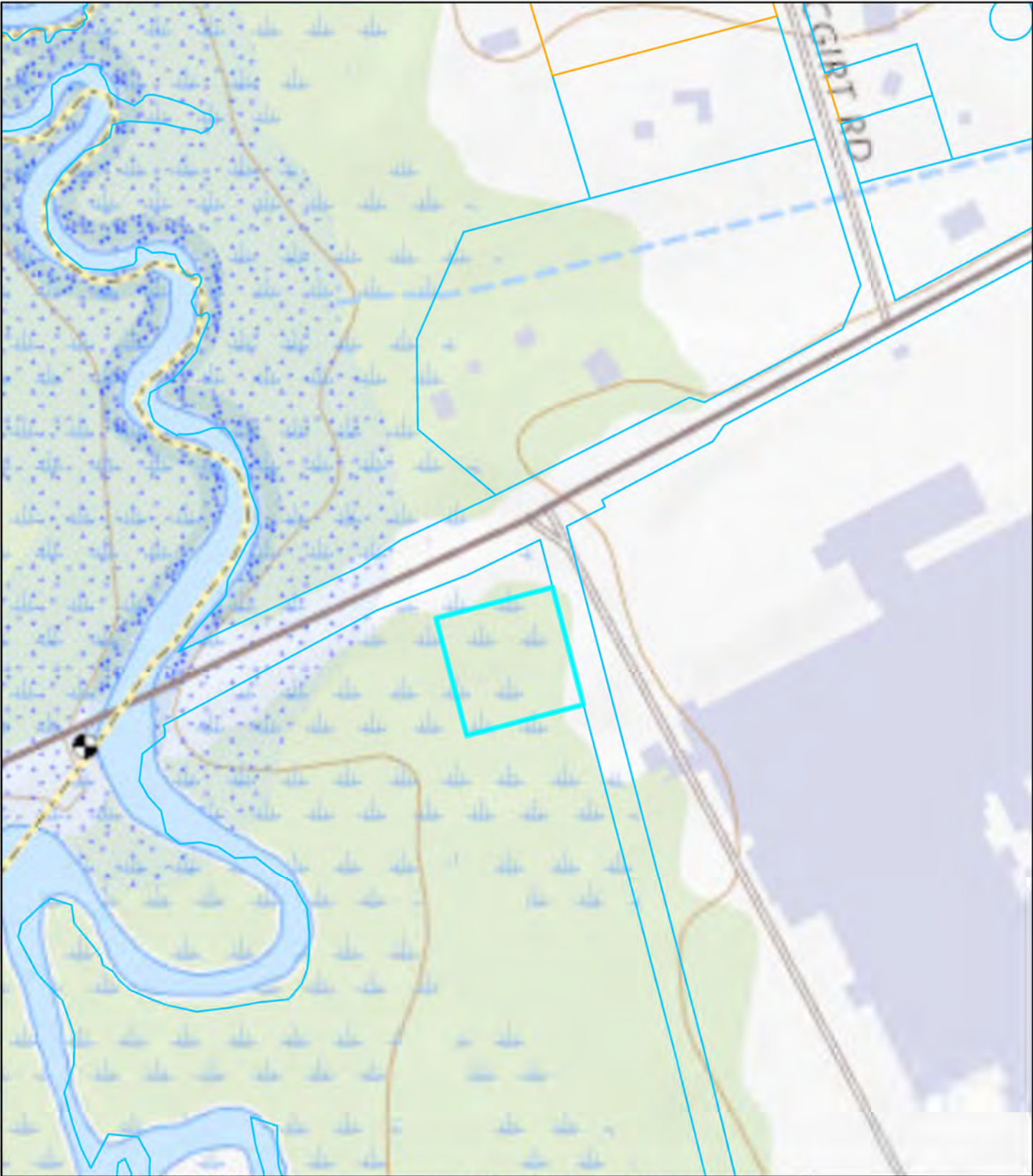




Maxton Sewer Lift Station Generators
No. 11, 2074 NC Highway 71N
Maxton, Robeson County, NC

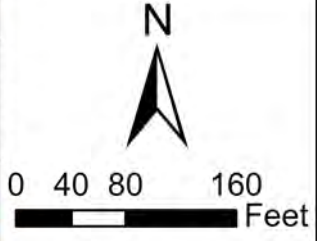
USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



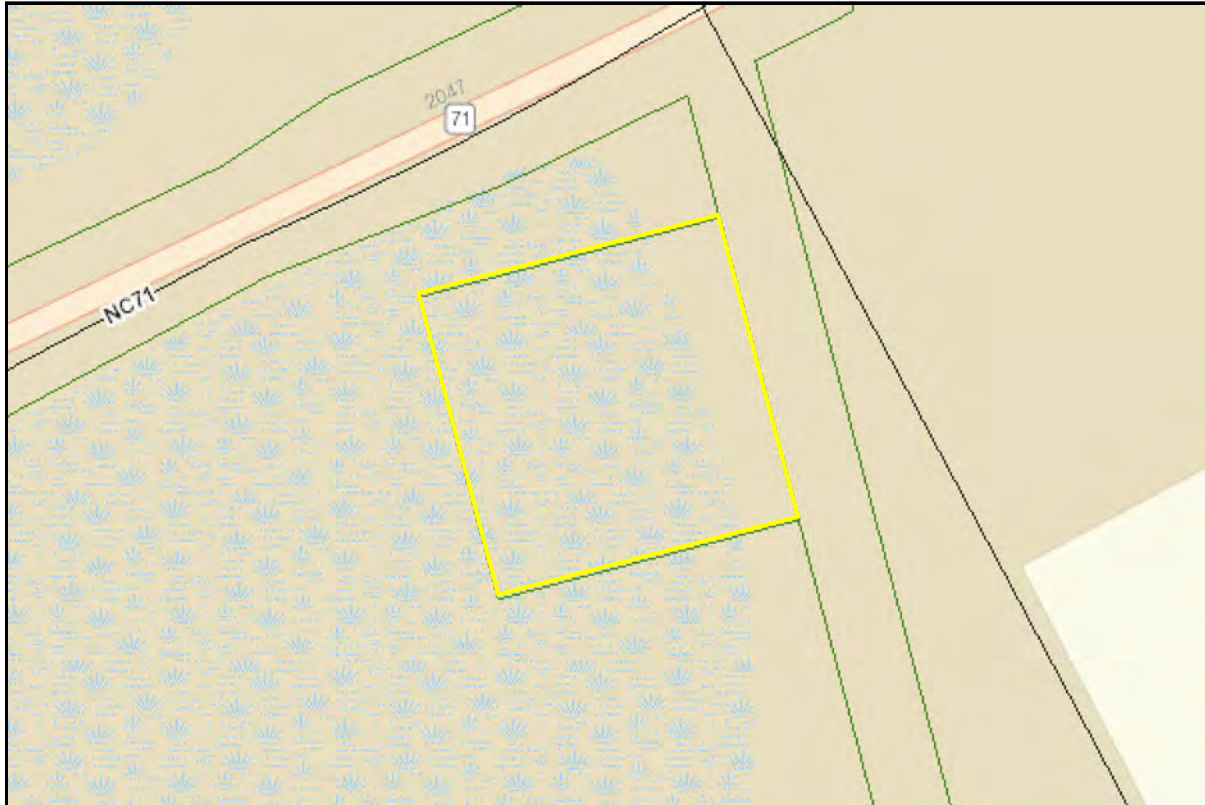


**Maxton Sewer Lift Station Generators
No. 11, 2074 NC Highway 71N
Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



County of Robeson, NC



MAPNO	110202001
PIN_NUMBER	930712159700
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	1.42999995
OWNERTYPE	null
STATUS	null
OLDMAPNO	1102-02-001
NUMMOD	null
LOT	null
NBHD_CODE	11001
TAX_YEAR	2021
PAR_CODE	
MAP	9307
SUBMAP	
BLOCK	12
PARCEL	1597
SUBPARCEL	00
PHYLOCAT	59913
CITYCODE	
ROUTENUM	0
OWNERID	46904058
CUROWNID	46904058

OWNAM1	COUNTY OF ROBESON
OWNAM2	
OWNAM3	
OWADR1	701 N ELM ST
OWADR2	
OWADR3	
OWADR4	
OWCITY	LUMBERTON
OWSTATE	NC
OWZIP	283580000
STNUM	2074
STSUFFIX	
STDIR	
STNAME	71
STTYPE	HWY
STDIRSUF	
UNITNO	
DEEDACRE	1.43
MAPACRE	1.43
DISTCODE	9
TOWNCODE	11
PARDESC3	
PARDESC1	E-12
NBHCLASS	
NBHCODE	11001
EXEMCODE	E12
DEEDBOOK	null
DEEDPAGE	null
DEEDYEAR	null
PLATBOOK	null
PLATPAGE	null
DATESOLD	null
LEGDESC1	AC S/S HWY 71
LEGDESC2	
LEGDESC3	WELL SITE #2
PARDESC4	
GROUPPAR	930712159700
REQREVIEW	
PHYSTRADR	2074 71 HWY
SCHCODE	0
AREACODE	1
LNDASVCUR	12200
IMPASVCUR	1300
QUALCODE	null

RECTYPE
SALEAMT
SALEINST
DEEDSTMP

null
null
null
null



Robeson County Government

PROPERTY REPORT - PRINT

Property Owner COUNTY OF ROBESON	Owner's Mailing Address 701 N ELM ST LUMBERTON, NC 283580000	Property Location Address 2074 71 HWY
--	---	---

Administrative Data Parcel Ref No. 110202001 PIN 930712159700 Account No. 46904058 Tax District QUE HILL FIRE Land Use Code E-12 Land Use Desc COUNTY PROPERTY W/ASSESTS Subdiv Code Subdiv Desc Neighborhood 11001	Administrative Data Legal Desc AC S/S HWY 71 Deed Bk/Pg / Plat Bk/Pg / Sales Information Grantor Sold Date 2005-01-01 Sold Amount \$ 0	Valuation Information Market Value \$ 13,500 Market Value - Land and all permanent improvements, if any, effective January 1, 2010, date of County's most recent General Reappraisal Assessed Value \$ 13,500 If Assessed Value not equal Market Value then subject parcel designated as a special class -agricultural, horticultural, or forestland and thereby eligible for taxation on basis of Present-Use and/or reduction from a formal appeal procedure Land Supplemental Map Acres 1.43 Tax District Note Present-Use Info
--	--	---

Improvement Detail (1st Major Improvement on Subject Parcel)	
Year Built	0
Built Use/Style	
Current Use	/
* Percent Complete	0
Heated Area (S/F)	0
** Bathroom(s)	0 Full Bath(s) 0 Half Bath(s)
** Bedroom(s)	0
Fireplace (Y/N)	N
Basement (Y/N)	N
Attached Garage (Y/N)	N
*** Multiple Improvements	0
<small>* Note - As of January 1 ** Note - Bathroom(s), Bedroom(s), shown for description only *** Note - If multiple improvements equal "MLT" then parcel includes additional major improvements</small>	

Improvement Valuation (1st Major Improvement on Subject Parcel)	
* Improvement Market Value \$	** Improvement Assessed Value \$
1,300	1,300
<small>* Note - Market Value effective Date equal January 1, 2010, date of County's most recent General Reappraisal ** Note - If Assessed Value not equal Market Value then variance resulting from formal appeal procedure</small>	

Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
12,200	12,200	12,200
<small>** Note: If PUV equal LMV then parcel has not qualified for present use program</small>		

Parcel Sketch:

No Sketch Available

Parcel Photo:

No Photo Available

**Maxton Sewer Lift Station Generators
Project Design Plans**

CONSTRUCTION PLANS

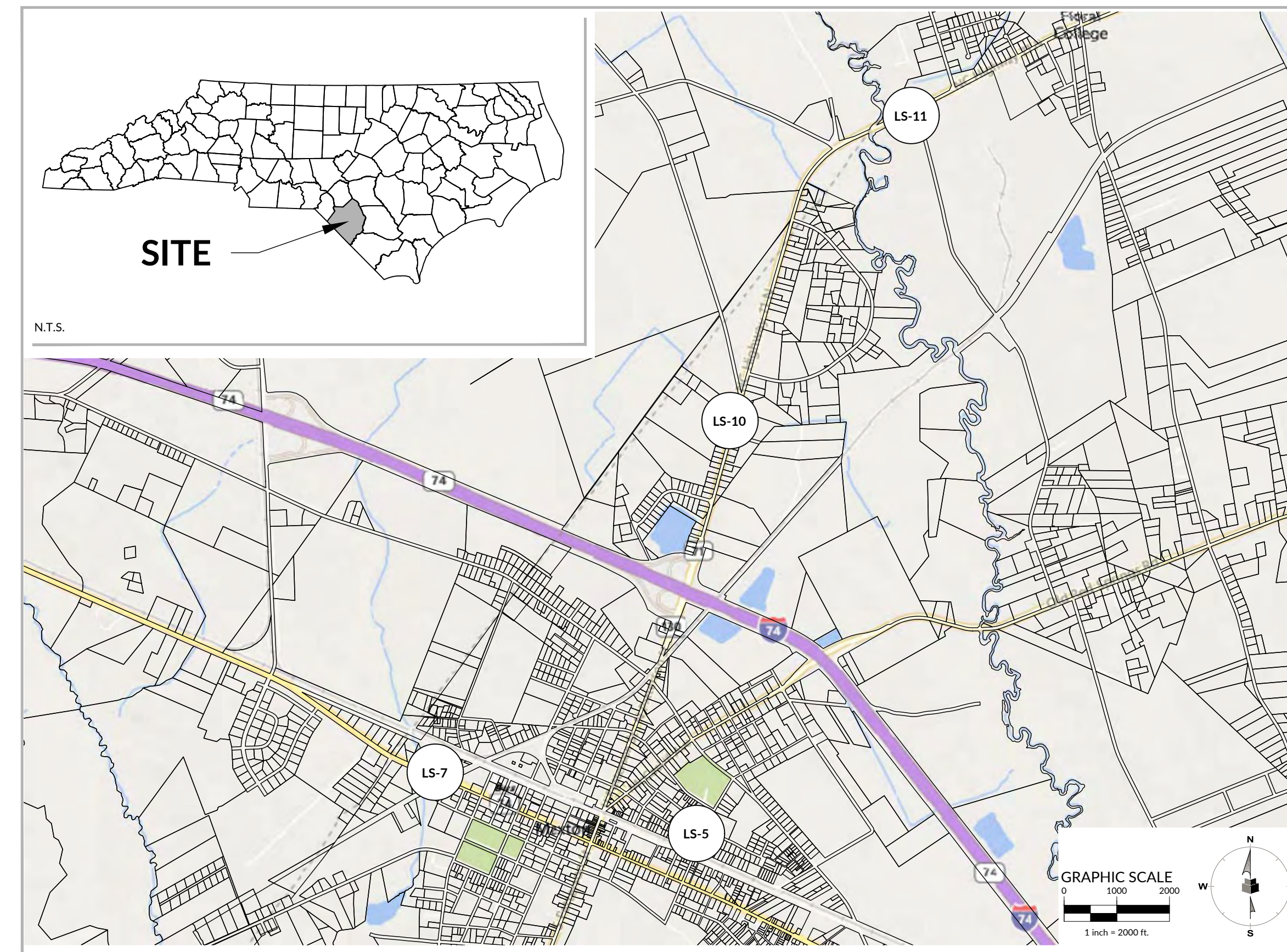
ROBESON COUNTY MAXTON GENERATORS

CRI-155-0014

MAXTON, NC 28364 | ROBESON
JANUARY 2023

INDEX OF SHEETS

NUMBER	TITLE
--	COVER
G-1.00	GENERAL NOTES AND LEGEND
E-1.00	ELECTRICAL NOTES, DETAILS
E-1.01	ELECTRICAL LS5
E-1.02	ELECTRICAL LS7
E-1.03	ELECTRICAL LS10
E-1.04	ELECTRICAL LS11
C-1.00	EROSION CONTROL DETAILS
C-1.01	STANDARD DETAILS

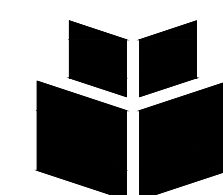


CONTACT LIST:

WithersRavenel
219 Station Road, Suite 101
Wilmington, NC 28403
910-256-9277



PREPARED BY:



WithersRavenel
219 Station Road | Ste 101 | Wilmington, NC 28405
License #: F-1479 | t: 910.256.9277 | www.withersravenel.com

OWNER:

ROBESON COUNTY

550 N CHESTNUT ST
LUMBERTON, NC 29358
PHONE #: (910) 671-3022
ATTENTION: KELLIE BLUE

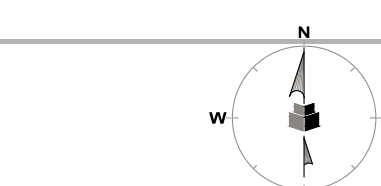
CONSTRUCTION PLANS
ROBESON COUNTY
MAXTON GENERATORS
CRI-155-0014
WR PROJECT NO.06211005.00
MUNI PRO NO:----
12/05/2022

GENERAL NOTES:

- THE WORK SPECIFIED ON THIS SHEET IS CONSIDERED INCIDENTAL AND NECESSARY FOR THE COMPLETION OF THE WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAYMENT MADE FOR THE WORK SPECIFIED ON THIS SHEET UNLESS SPECIFICALLY CALLED OUT IN THE BID SCHEDULE AND MEASUREMENT AND PAYMENT SECTION OF THE SPECIFICATIONS.
- THE CONTRACTOR SHALL HAVE A COMPLETE SET OF CONTRACT DOCUMENTS AS WELL AS ALL PERMIT APPROVALS AND EASEMENTS ON THE JOB SITE AT ALL TIMES.
- CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL CONFORM TO THE STATE OF NORTH CAROLINA, TOWN OF MAXTON STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS, AND THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL FOLLOW OSHA GUIDELINES REGARDING TRENCHING AND EXCAVATION SAFETY AND SHALL INCORPORATE APPROPRIATE SAFETY MEASURES AS NECESSARY TO MEET COMPLIANCE.
- ALL SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY ENGINEER BEFORE EQUIPMENT IS ORDERED.
- CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND UTILITIES. KNOWN EXISTING UTILITIES HAVE BEEN LOCATED FROM THE INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCURATELY LOCATE BOTH HORIZONTALLY AND VERTICALLY ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE NC ONE CALL CENTER AT 800.632.4949. ALL COSTS ASSOCIATED WITH ANY DAMAGE TO KNOWN OR UNKNOWN EXISTING UTILITIES RESULTING FROM THE CONTRACTOR'S FAILURE TO ADEQUATELY PROTECT THE EXISTING UTILITIES DURING CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR.
- CONTRACTOR SHALL MAKE EVERY EFFORT TO SAVE PROPERTY IRONS, MONUMENTS, OTHER PERMANENT POINTS AND LINES OF REFERENCE AND CONSTRUCTION STAKES. A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE SHALL REPLACE PROPERTY IRONS, MONUMENTS, AND OTHER PERMANENT POINTS OF REFERENCE DESTROYED BY THE CONTRACTOR.
- CONTRACTOR SHALL CLEAR AND GRUB ALL UTILITY EASEMENTS, AS DIRECTED BY THE OWNER, TO INSTALL NEW UTILITIES. ON ROADWAY RIGHT-OF-WAYS, THE CONTRACTOR SHALL ONLY REMOVE THE TREES MARKED ON THE PLANS AND SHALL MAKE EVERY EFFORT DURING CONSTRUCTION TO PROTECT THE TREES THAT WILL NOT BE REMOVED.
- THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL NECESSARY EROSION CONTROL MEASURES WHETHER OR NOT SHOWN ON THE PLANS TO PROTECT ADJACENT CREEKS, RIVERS, ROADWAYS, ETC. FROM SILTATION AND EROSION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF EXISTING UTILITIES IF REQUIRED DURING INSTALLATION OF NEW WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAY ITEM FOR THIS WORK. UNLESS SPECIFICALLY CALLED OUT IN THE BID FORM. ANY RELOCATION OF EXISTING UTILITIES MUST BE COORDINATED WITH THE AFFECTED UTILITY COMPANY.
- THE CONTRACTOR SHALL SUPPORT ALL UTILITY POLES AS NECESSARY. THE CONTRACTOR SHALL COORDINATE UTILITY POLE SUPPORT WITH THE APPROPRIATE UTILITY COMPANIES.
- CONTRACTOR SHALL RESTORE/REPLACE ALL SIGNS, MAILBOXES, ETC. ENCOUNTERED DURING CONSTRUCTION TO ORIGINAL CONDITION.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO THE EXISTING GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL DRIVEWAYS SHALL BE REPAIRED AS SOON AS CONSTRUCTION HAS PASSED. A MINIMUM OF 6" OF C&G SHALL BE USED FOR TEMPORARY REPAIR ON ASPHALT AND CONCRETE DRIVEWAYS UNTIL PERMANENT REPAIR CAN BE COMPLETED AND A MINIMUM OF 6" OF C&G SHALL BE USED AS PERMANENT REPAIR ON GRAVEL DRIVEWAYS.
- CONTRACTOR SHALL REPLACE WITH NEW ALL DRIVEWAY PIPES AND OTHER DRAINAGE PIPES/CULVERTS THAT ARE DISTURBED WHILE INSTALLING THE UTILITIES. ALL PIPE/CULVERTS SHALL MEET THE REQUIREMENTS OF NCDOT.
- ALL ROADWAY DITCHES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER AND CONFORM TO NCDOT REQUIREMENTS. ALL DITCHES SHALL BE LINED WITH EROSION CONTROL MATTING UNLESS OTHERWISE NOTED.
- ALL EXCAVATED MATERIAL SHALL BE PLACED WITHIN THE LIMITS OF DISTURBANCE DURING UTILITY INSTALLATION. THE CONTRACTOR SHALL PROVIDE THE NECESSARY SEDIMENT AND EROSION CONTROL MEASURES TO CONTROL RUN-OFF. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF LEGALLY.
- HORIZONTAL DATUM IS NAD 83.
- VERTICAL DATUM IS NAVD 88.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR CONSTRUCTION.

LEGEND
(UNLESS OTHERWISE DENOTED)

DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED
1' CONTOUR INTERVAL	---	---	WOODS LINE		N/A
5' CONTOUR INTERVAL	---	---	WATERWAYS	---	N/A
PROPERTY LINE	---	---	TREE PROTECTION FENCE	N/A	TP
ROADWAY CENTERLINE	---	---	SILT FENCE	N/A	SF
RIGHT OF WAY LIMITS	---	N/A	SPOT ELEVATION		339.92 EP
EASEMENT LINE	---	---	GUY ANCHOR		N/A
CURB & GUTTER	---	---	POWER POLE		N/A
EDGE OF PAVEMENT	---	---	LIGHT POLE		N/A
SANITARY SEWER FACILITIES		SS	PROPERTY IRON		N/A
STORM SEWER FACILITIES		---	CURB INLET		N/A
WATERLINE	W	W	STORM DRAIN JUNCTION BOX		N/A
FIRE HYDRANT ASSEMBLY			YARD INLET		N/A
FORCE MAIN	FM	FM	WATER METER		N/A
ELECTRIC	E	E	CONCRETE MONUMENT		N/A
OVERHEAD ELECTRIC	OHE	OHE	TELEPHONE PEDESTAL		N/A
GAS MAIN	G	G	MAIL BOX		N/A
TELEPHONE	T	T	WATER VALVE		WV
STRUCTURES	---	---			
FENCING STRUCTURE	XX XX XX XX	XX XX XX XX			
TELEVISION PEDESTAL		N/A			
WATER MANHOLE		N/A			
TELEPHONE MANHOLE		N/A			
FLARED END SECTION		N/A			
SANITARY SEWER MANHOLE		N/A			
GAS VALVE		N/A			
UTILITY MANHOLE		N/A			
ELECTRICAL PEDESTAL		N/A			
SIGN		N/A			
FIBER OPTIC MARKER		N/A			



INITIAL PLAN DATE: 10/24/2022
REVISIONS:

WR Job No. DATE
06211005.00 01/25/2023
DRN: DAC DGN: DAC CKD: LM

GENERAL NOTES

G-1.00

ELECTRICAL NOTES

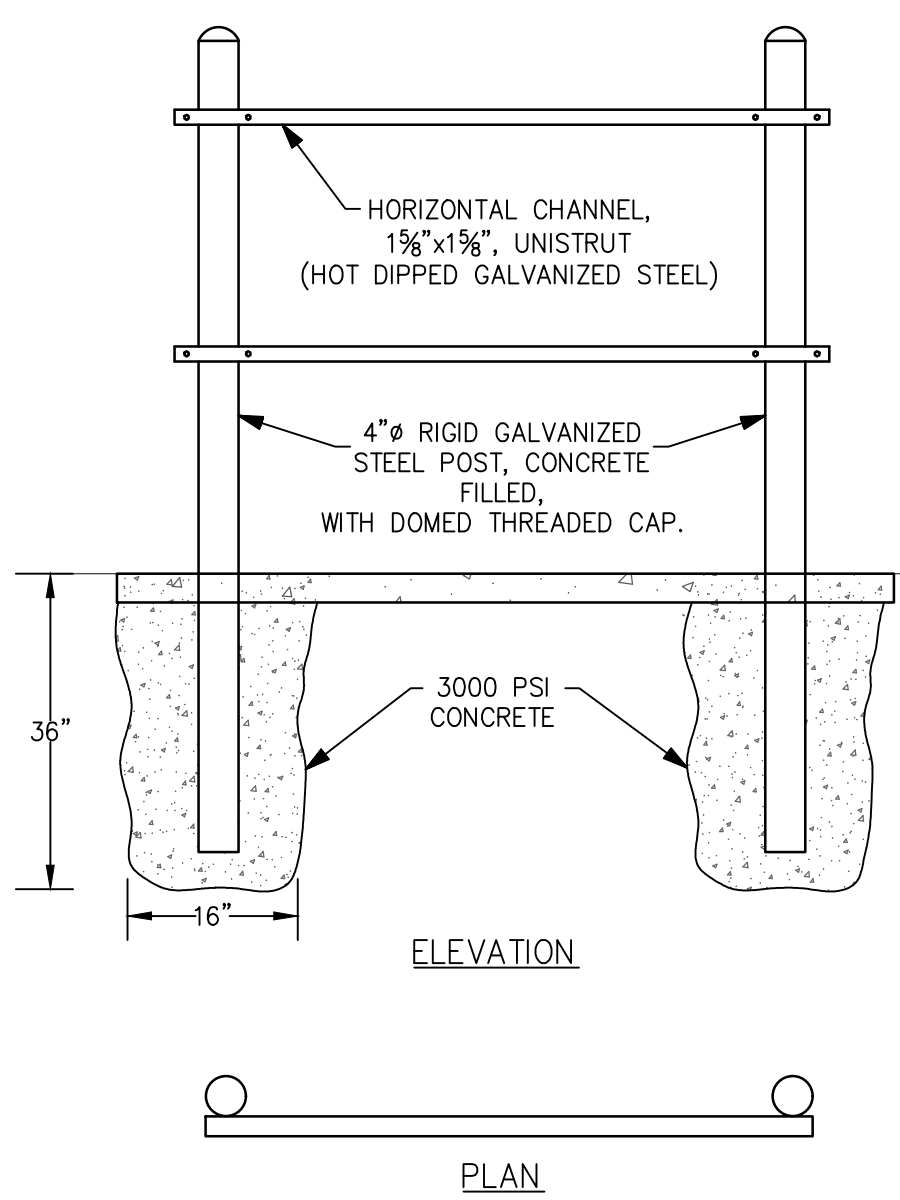
- ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
- PERMITS FOR ELECTRICAL WORK SHALL BE OBTAINED BY AND PAID BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PAY FOR ANY ADDITIONAL FEES FOR INSPECTIONS, TESTS, AND OTHER SERVICES AS REQUIRED FOR THE COMPLETION OF THE WORK.
- THE ELECTRICAL CONTRACTOR AND ANY OF HIS SUBCONTRACTORS SHALL VISIT THE PROJECT SITES TO WITNESS EXISTING CONDITIONS AND BECOME FAMILIAR WITH THE SCOPE OF THE WORK REQUIRED PRIOR TO SUBMITTING PROPOSALS. WORK REQUIRED BY EXISTING JOB CONDITIONS NOT INDICATED ON DRAWINGS SHALL BE INCLUDED IN THE PROPOSALS.
- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO RESULT IN THE PRODUCTION OF A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR, EQUIPMENT, AND OTHER SERVICES AS NECESSARY TO COMPLETE THE WORK.
- DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS THAT WILL AFFECT THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, AND OWNER PRIOR TO SUBMITTING PROPOSALS.
- UNLESS NOTED OTHERWISE, ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND INCLUDE A 3RD PARTY LABEL (I.E.: UL, CSA, ETL, ETC.) LISTING APPROVAL FOR ITS INSTALLED APPLICATION.
- REVIEW COMPLETE PLAN SET FOR CONSTRUCTION TYPE, SCOPES, ETC. REVIEW COMPLETE PLAN SET FOR PROJECT PHASING AND STAGING. REVIEW COMPLETE PLAN SET FOR WORK COVERED BY ALTERNATE BID ITEMS.
- VERIFY PROPER SIZING OF OVERLOAD DEVICES IN STARTERS BASED ON EQUIPMENT NAMEPLATE DATA.
- IF HORSEPOWER OR LOAD RATINGS OF EQUIPMENT DIFFER FROM THOSE INDICATED ON THE DRAWINGS, NOTIFY THE ARCHITECT, ENGINEER, AND OWNER FOR DIRECTION.
- PROVIDE NATIONAL ELECTRICAL CODE REQUIRED CLEARANCES FOR ALL ELECTRICAL EQUIPMENT. COORDINATE RESOLUTION OF CONFLICTS WITH OTHER TRADES.
- ABANDONED CIRCUITRY (RACEWAY & CONDUCTORS) SHALL BE REMOVED IN ITS ENTIRETY FROM ITS SOURCE.
- PANEL BUS MATERIAL: COPPER.
- SHARED NEUTRAL CONDUCTORS SHALL NOT BE USED UNLESS SPECIFICALLY INDICATED SO ON HOMERUN CIRCUITRY DESIGNATIONS.
- PANEL BREAKER CONFIGURATIONS SHALL BE INSTALLED AS INDICATED ON THE PANEL SCHEDULES OR AS NOTED. BREAKER POSITION REVISIONS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY THE ENGINEER.
- LOAD CIRCUITS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS. CIRCUITRY REVISIONS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY THE ENGINEER.

ABBREVIATIONS

AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPABILITY
ATS	AUTOMATIC TRANSFER SWITCH
BKR	BREAKER
C	CONDUIT
C/B	CIRCUIT BREAKER
CKT	CIRCUIT
DIA	DIAMETER
DISC	DISCONNECT
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ENCL	ENCLOSED
EXSTG	EXISTING
G	EQUIPMENT GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSEPOWER
K	KILO (THOUSAND)
MCB	MAIN CIRCUIT BREAKER
MFR	MANUFACTURER
MLO	MAIN LUG ONLY
N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
NTS	NOT TO SCALE
P	PHASE OR POLE
PCP	PUMP CONTROL PANEL
PH	PHASE
PNL	PANEL
PVC	POLYVINYL CHLORIDE
REC	RECEPTACLE
RECP	RECEPTACLE
REQ	REQUIRED
S.S.	STAINLESS STEEL
SYS	SYSTEM
S/N	SOLID NEUTRAL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
UNO	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPS
W	WATTS
W	WIRE
W/	WITH
WP	WEATHERPROOF
XFMR	TRANSFORMER

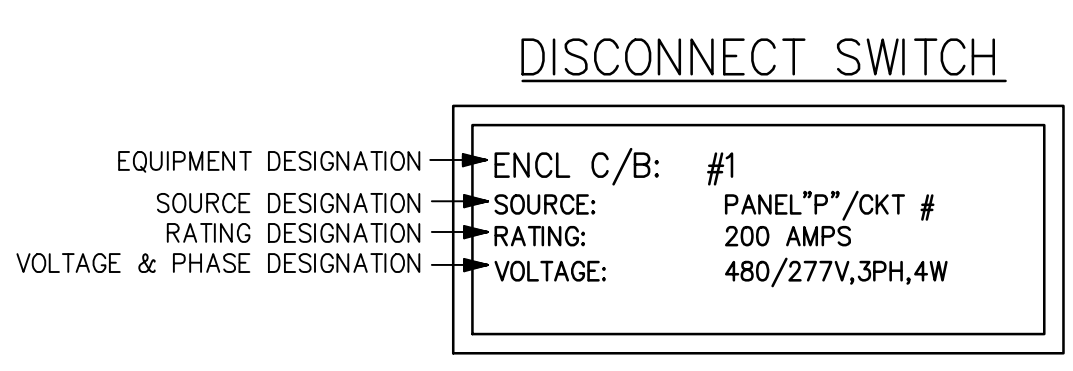
MISC. ELECTRICAL SYMBOL LEGEND

	EQUIPMENT CONNECTION
	PANELBOARD, SEE PANEL SCHEDULE
	GROUND ROD, 3/4" X 10' COPPER CLAD. WHERE TWO RODS ARE INDICATED, SPACE A MINIMUM OF 22' APART.
	WORKING CLEARANCE DEPICTED IN FRONT OF ELECTRICAL EQUIPMENT
	HOMERUN DESIGNATION, #12 CONDUCTORS UNLESS NOTED OTHERWISE.
	EQUIPMENT GROUND CONDUCTOR
	PHASE CONDUCTOR
	NEUTRAL CONDUCTOR
	LETTER INDICATES ELEVATION OR DETAIL; NUMBER INDICATES PLAN OR SECTION
	SHEET NUMBER WHERE PLAN, SECTION, ELEVATION OR DETAIL IS DRAWN
	LINWEIGHT
	LIGHT LINWEIGHT DEPICTS EXISTING EQUIPMENT & CIRCUITRY
	DARK LINWEIGHT DEPICTS NEW EQUIPMENT & CIRCUITRY



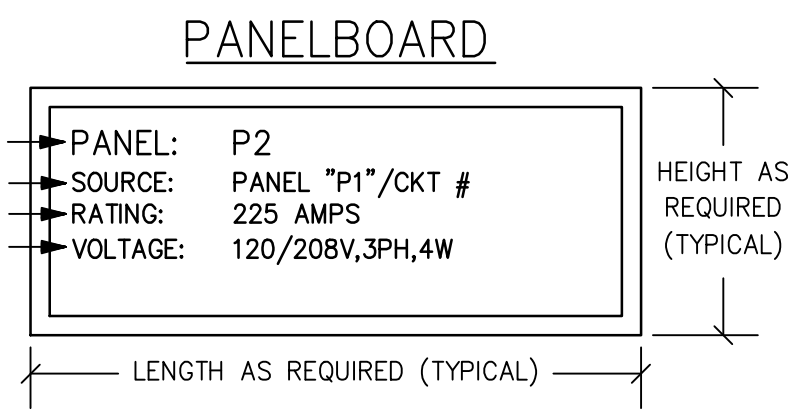
- NOTES**
- USE 3/8" HOT DIPPED GALVANIZED STEEL HARDWARE FOR CONNECTING CHANNELS & MOUNTING EQUIPMENT.
 - PROVIDE ADDITIONAL VERTICAL POSTS, CENTERED, IF RACK EXCEEDS 60" WIDE.
 - PROVIDE ADDITIONAL CHANNEL(S) WHERE REQUIRED TO ALIGN WITH EQUIPMENT MOUNTING HOLES.
 - SEE DETAILS D/E-1.00 & G/E-1.00 FOR RACK MOUNTED SUN SHIELD / RAIN HOOD.

B EQUIPMENT RACK DETAIL
NO SCALE

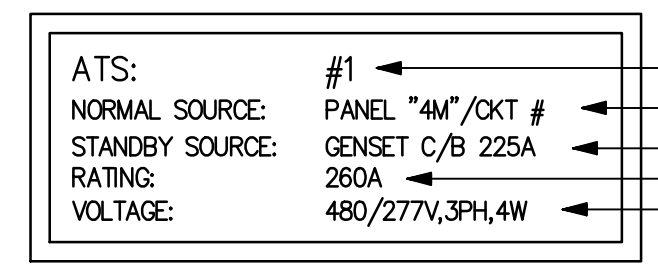


- NOTES**
- ENGRAVED PLASTIC FOR NAMEPLATE.
 - HIGH PERFORMANCE, DOUBLE COATED TAPE WITH ADHESIVE TO ATTACH LABELS. DESIGN BASIS: 3M #06383 OR APPROVED EQUIVALENT.
 - 3/8" ENGRAVED LETTERS EQUIPMENT NAME DESIGNATION AND 1/4" ENGRAVED LETTERS ON ALL OTHER DESIGNATIONS.

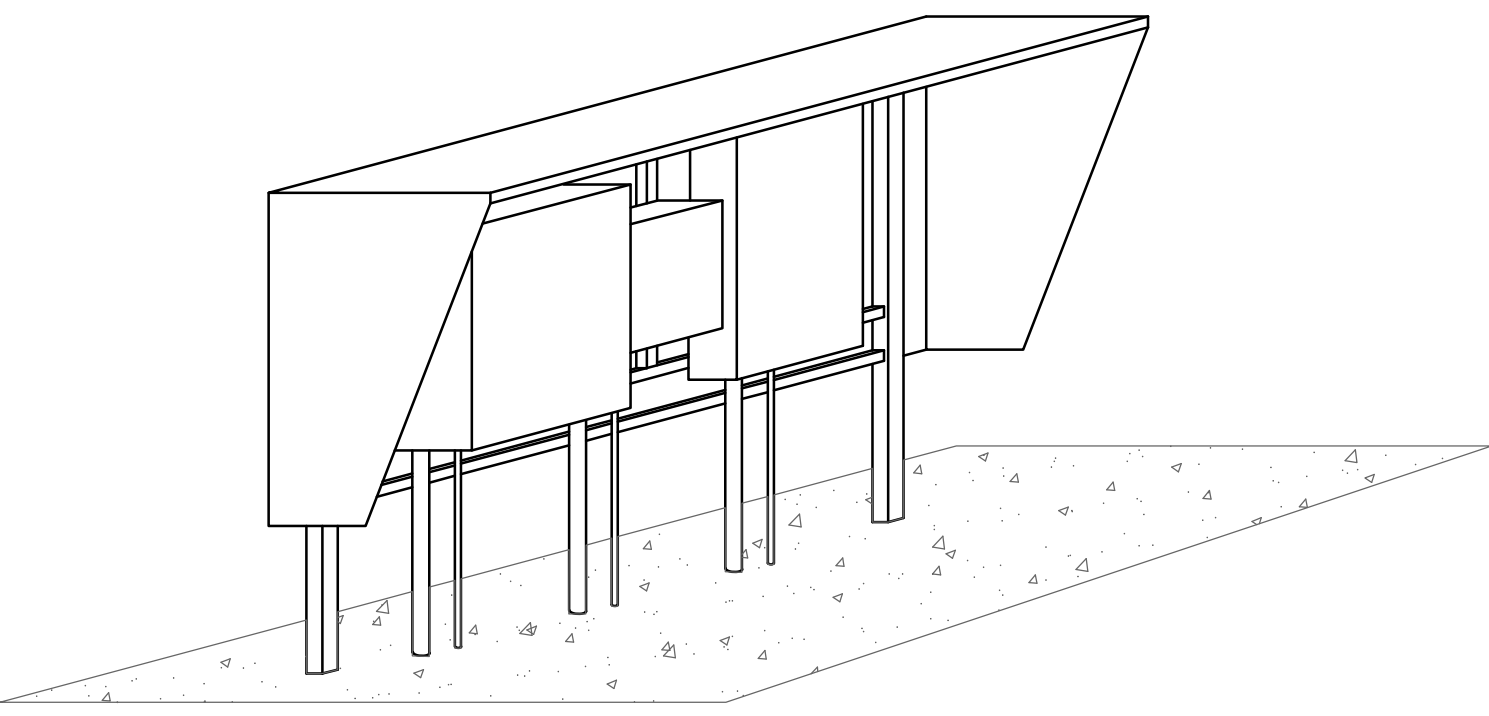
C TYPICAL NAMEPLATE DETAILS
NO SCALE



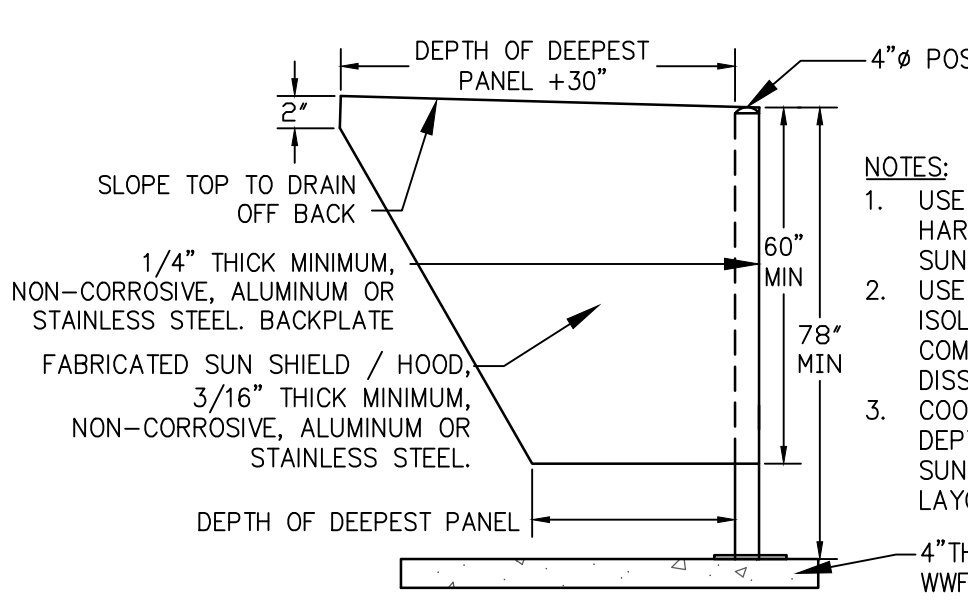
AUTOMATIC TRANSFER SWITCH



- NOTES**
- ENCL C/B: #1
 - SOURCE: PANEL 'P1' / CKT #
 - RATING: 200 AMPS
 - VOLTAGE: 480/277V, 3PH, 4W

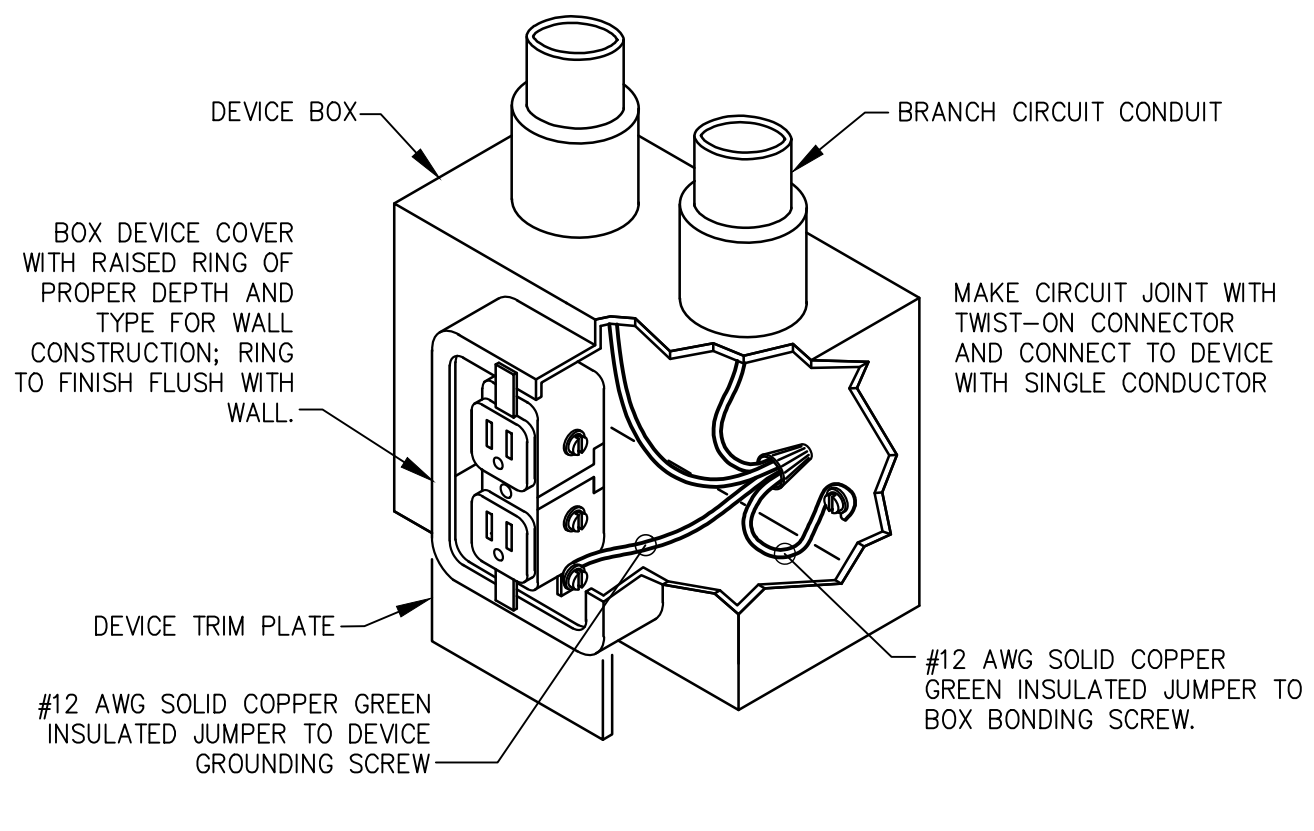


D SUN/RAIN HOOD TYPICAL (ISOMETRIC)
NO SCALE

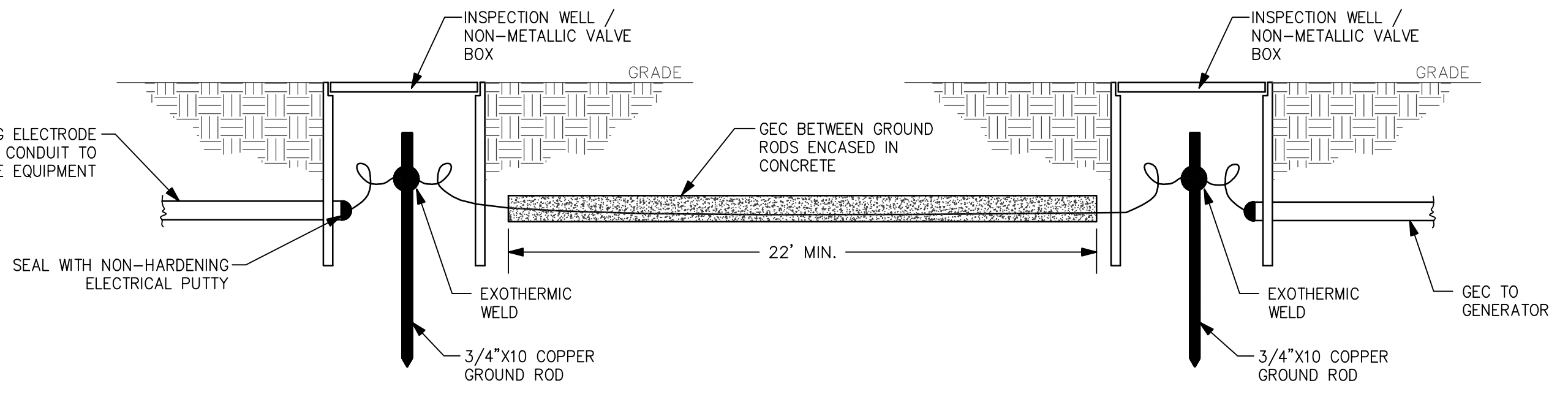


- NOTES**
- USE 3/8" STAINLESS STEEL HARDWARE FOR CONNECTING SUN SHIELD.
 - USE NEOPRENE GASKETING TO ISOLATE STAINLESS STEEL COMPONENTS FROM OTHER DISSIMILAR METALS.
 - COORDINATE HEIGHT, WIDTH, & DEPTH REQUIREMENTS OF SUNSHIELD WITH EQUIPMENT LAYOUT REQUIREMENTS.

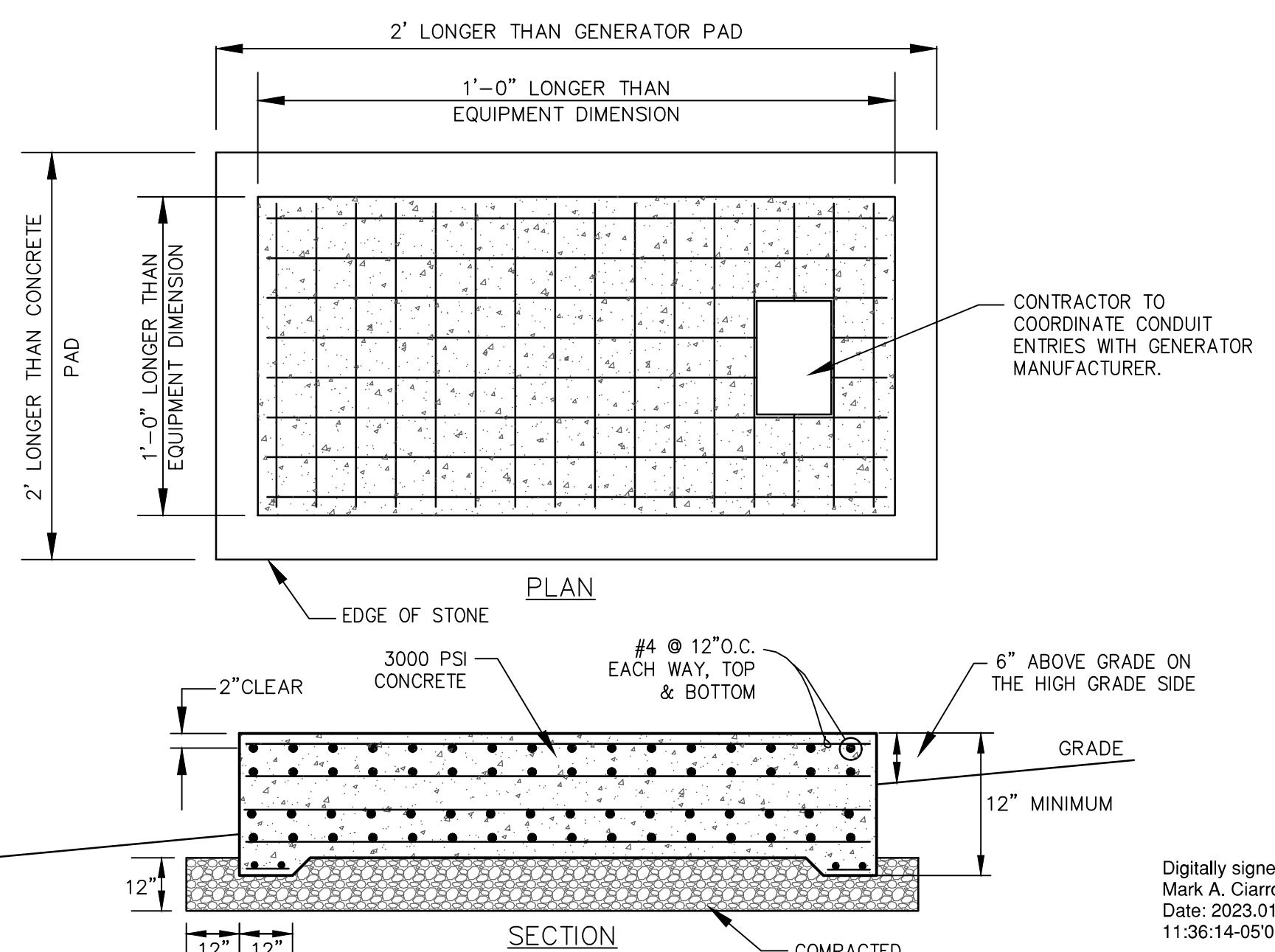
G SUN SHIELD FOR EQUIPMENT RACK
NO SCALE



F OUTLET GROUNDING DETAIL
NO SCALE

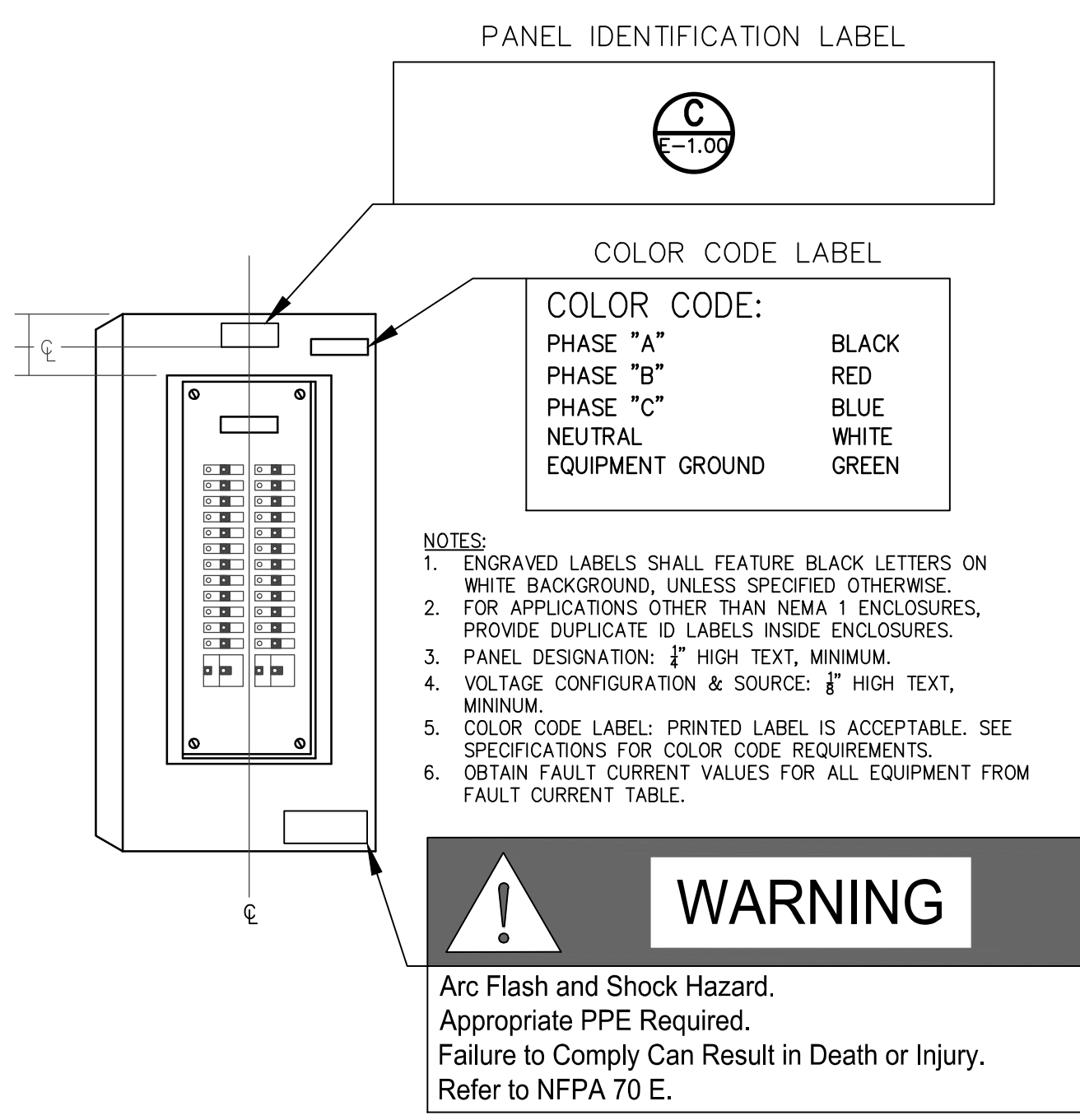


H GROUND ROD & INSPECTION WELL
NO SCALE



- NOTES**
- PROVIDE ANCHOR BOLTS FOR GENERATOR & ENCLOSURE PER MANUFACTURER'S REQUIREMENTS.
 - BASE PAD SIZE ON ACTUAL EQUIPMENT SUPPLIED. PAD SHOULD EXTEND 6" PAST EQUIPMENT EXTERIOR IN EACH DIRECTION.

E GENERATOR PAD DETAIL
NO SCALE



- NOTES**
- ENGRAVED LABELS SHALL FEATURE BLACK LETTERS ON WHITE BACKGROUND, UNLESS SPECIFIED OTHERWISE.
 - FOR APPLICATIONS OTHER THAN NEMA 1 ENCLOSURES, PROVIDE DUPLICATE ID LABELS INSIDE ENCLOSURES.
 - PANEL DESIGNATION: 1" HIGH TEXT, MINIMUM.
 - VOLTAGE CONFIGURATION & SOURCE: 1/2" HIGH TEXT, MINIMUM.
 - COLOR CODE LABEL: PRINTED LABEL IS ACCEPTABLE. SEE SPECIFICATIONS FOR COLOR CODE REQUIREMENTS.
 - OBTAIN FAULT CURRENT VALUES FOR ALL EQUIPMENT FROM FAULT CURRENT TABLE.

WARNING

Arc Flash and Shock Hazard.
Appropriate PPE Required.
Failure to Comply Can Result in Death or Injury.
Refer to NFPA 70 E.

A TYPICAL PANELBOARD IDENTIFICATION
NO SCALE

CHEATHAM & ASSOCIATES, P.A.
CONSULTING ENGINEERS
3412 ENTERPRISE DRIVE
WILMINGTON, NORTH CAROLINA
(910) 452-4210
WWW.CHEATHAMP.COM
LIC# 0621100500
JOB # 22039

WithersRavenel
115 MacKenzie Drive, Cary, NC 27511
License # F-14791; 919-469-3340 | www.withersravenel.com

ROBESON COUNTY
556 NORTH CHESTNUT STREET
LUMBERTON, NC 28358

CONSTRUCTION PLANS
ROBESON COUNTY
MAXTON GENERATORS
CRI-155-0014
MAXTON, NC 28364 | ROBESON

Digitally signed by Mark A. Ciarrocca
Date: 2023.01.25 11:36:14-05'00'

MARK A. CIARROCCA
REGISTERED PROFESSIONAL ENGINEER
NO. 17593
STATE OF NORTH CAROLINA

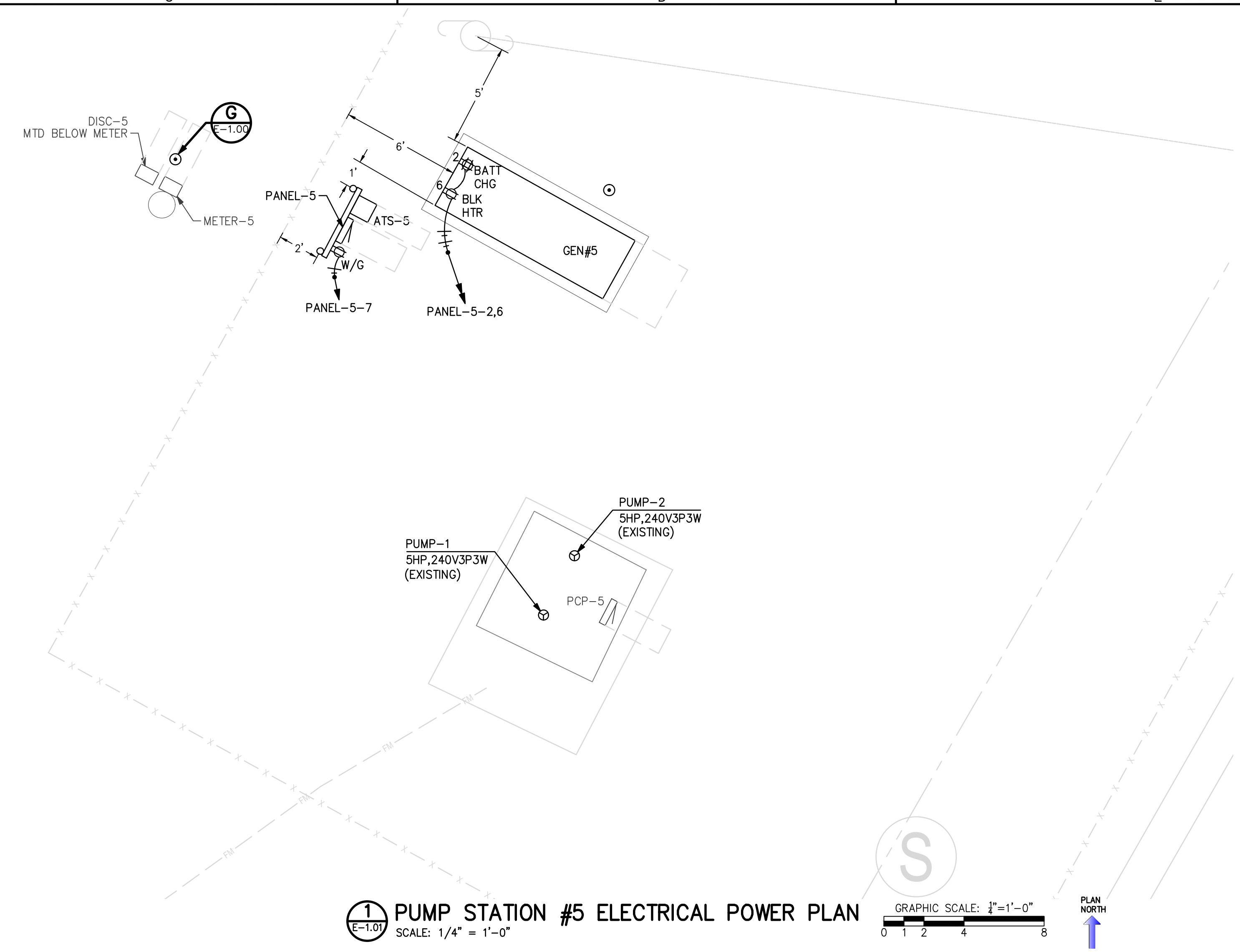
INITIAL PLAN DATE: 10/24/2022
REVISIONS:

WR Job No. 06211005.00 DATE 01/20/2022
DRN:JEG DGN:JEG CKD:MAC

ELECTRICAL NOTES, DETAILS

E-1.00

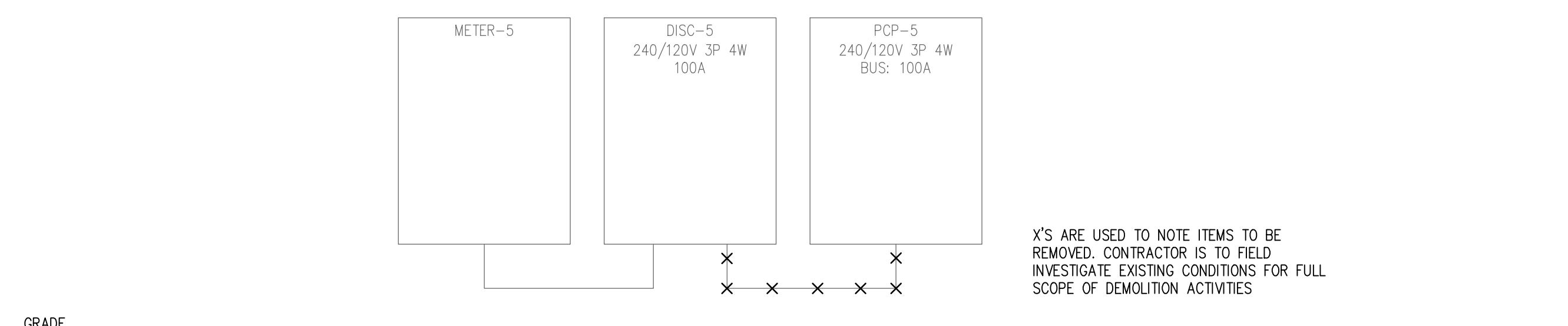
PANEL-5											
ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 100			MAIN BKR: MLO					
FED FROM: ATS-5			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-5	4.21			2	20/1	REC-BATTERY CHARGER	1	0	
3				4.21		4	-/1	SPACE			
5					4.21	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	SPACE REC-EXT GFCI	0.18			8	20/1	SPARE			
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPACE			0	12	20/1	SPARE			0
13	-/3	SPACE			0	14	-/3	SPACE			
15				0		16				0	
17					0	18					0
TOTAL CONNECTED KVA BY PHASE									5.39	4.21	5.71
TOTAL CONNECTED AMPS BY PHASE									40.2	30.4	42.9
LARGEST MOTOR			6.32	1.58	(25%)	RECEPTACLES			0.18	0.18	(50%>10)
MOTORS			12.6	12.6	(100%)	NONCONTINUOUS			2.5	2.5	(100%)
TOTAL LOAD									16.9		
BALANCED 3-PHASE LOAD									40.6 A		



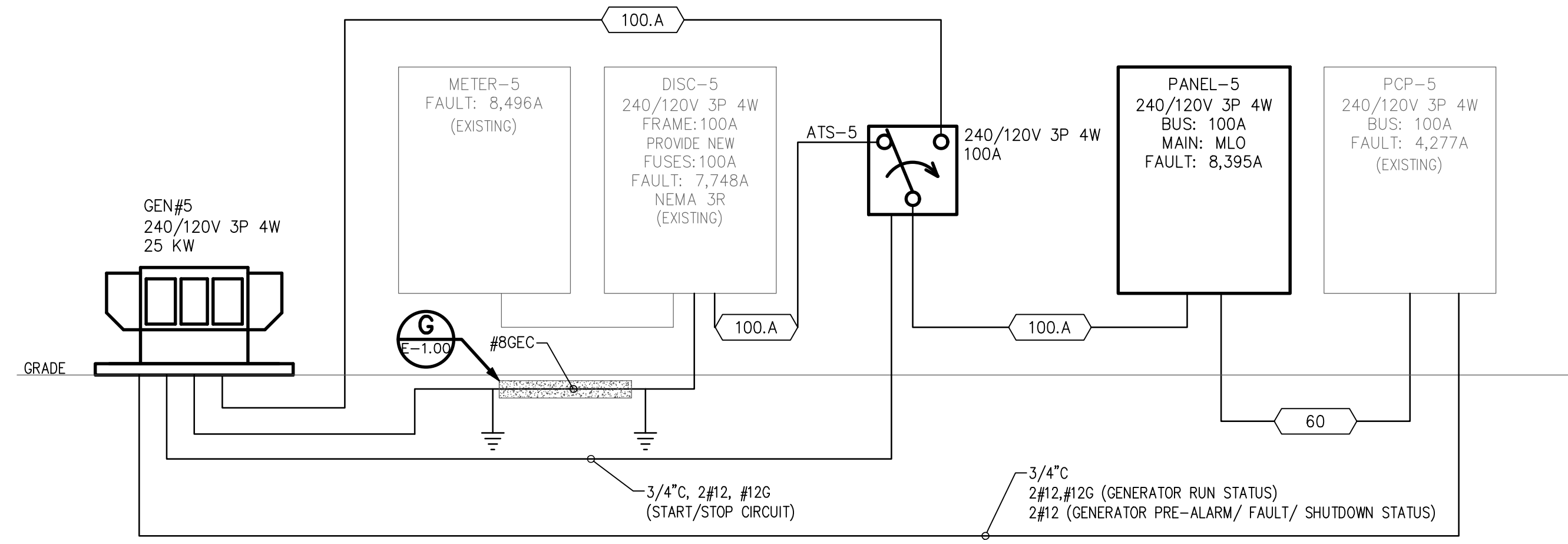
1 PUMP STATION #5 ELECTRICAL POWER PLAN
 SCALE: 1/4" = 1'-0"

FEEDER SCHEDULE			
ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
60	60	1" C, 3#6, #6N, #8G	PCP-5
100.A	100	1-1/4" C, 3#2, #2N, #8G	ATS-5, ATS-5, PANEL-5, PCP-7
125	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-11
125J	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-10
150	150	1-1/2" C, 3#1/0, #1/0N, #6G	ATS-7, ATS-7, ATS-11, ATS-11, DISC-7, DISC-11, PANEL-7, PANEL-11
225	225	2-1/2" C, 3#4/0, #4/0N, #4G	ATS-10, ATS-10, DISC-10, PANEL-10

SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C #1/0 AND ABOVE



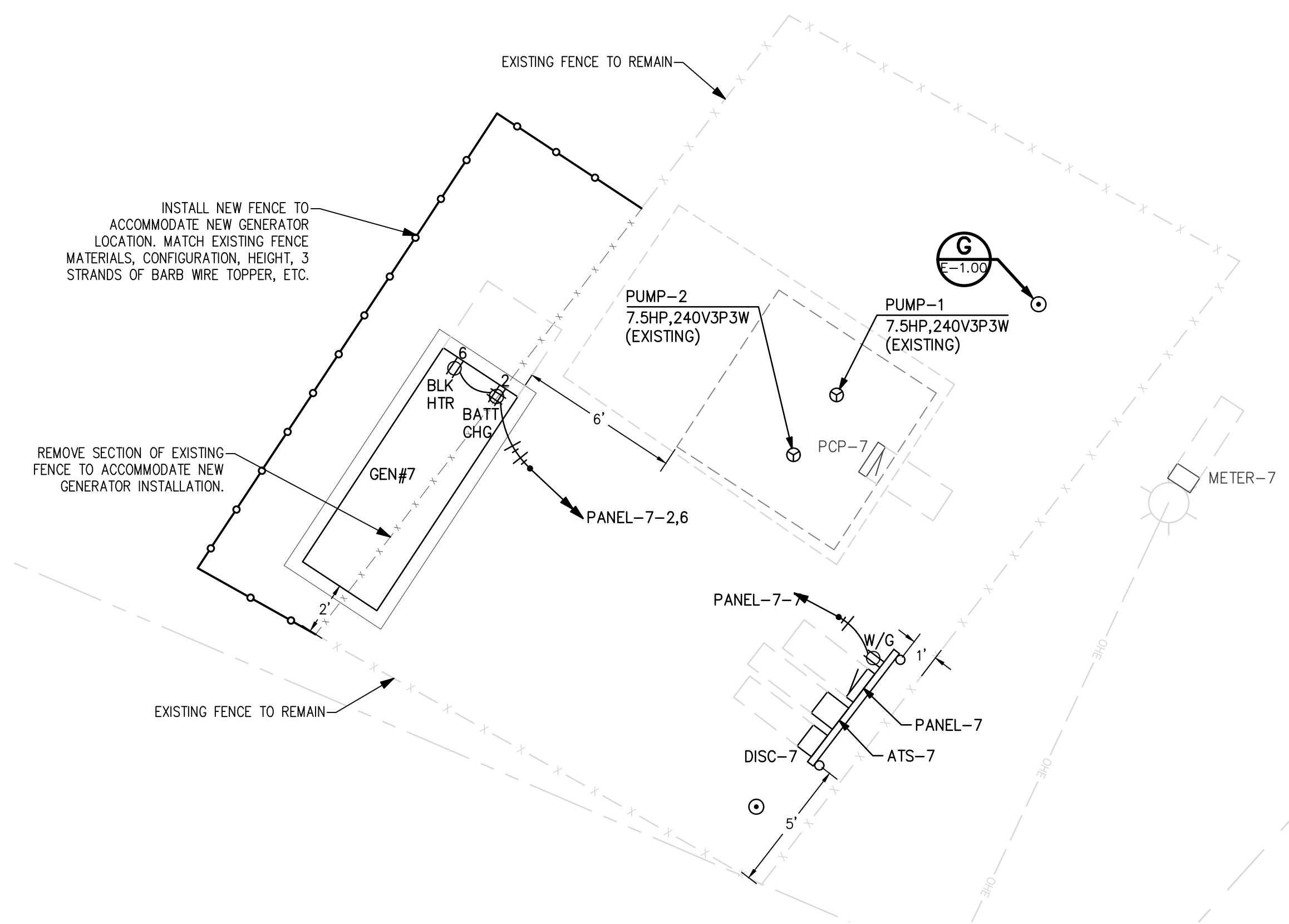
2 PUMP STATION #5 ELECTRICAL DEMOLITION POWER RISER
 NO SCALE



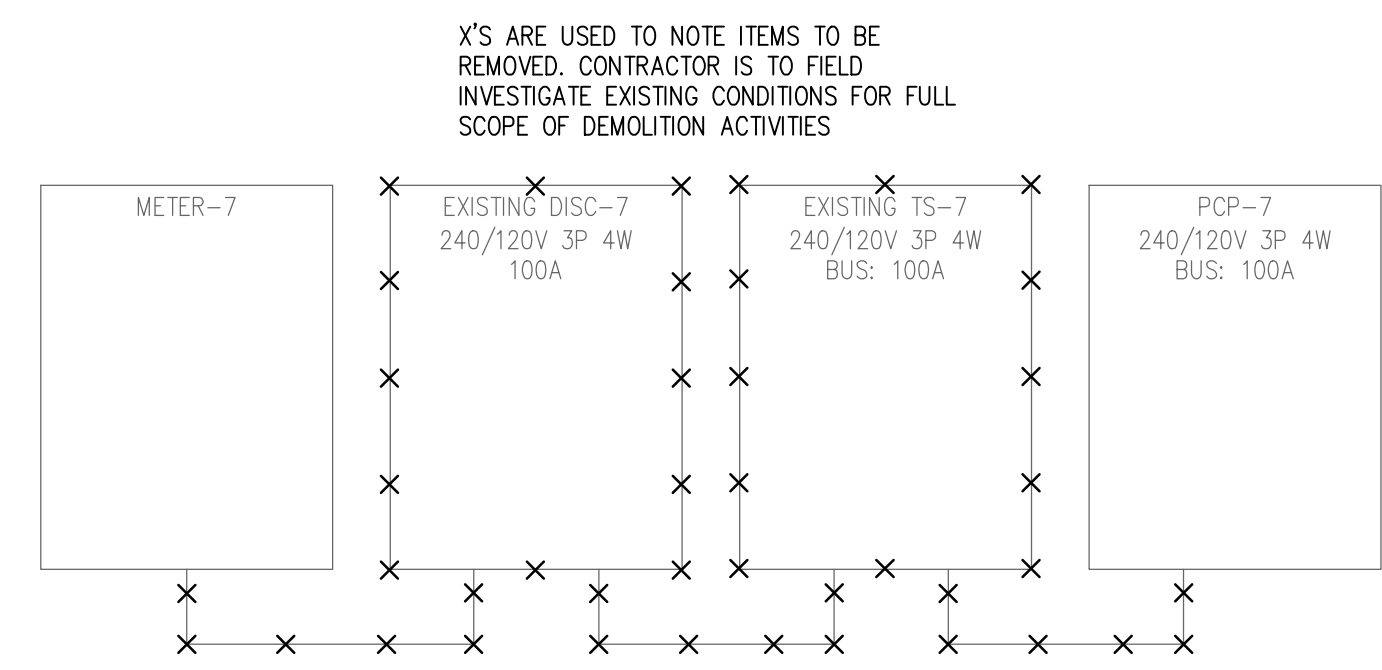
3 PUMP STATION #5 ELECTRICAL POWER RISER
 NO SCALE

PANEL-7

ROOM: MOUNTING: SURFACE FED FROM: ATS-7 NOTE: NEMA 3R			VOLTS: 240/120V 3P 4W BUS AMPS: 150 NEUTRAL: 100%			AIC: 10,000 MAIN BKR: MLO LUGS: STANDARD					
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-7	6.1			2	20/1	REC-BATTERY CHARGER	1		
3						4	-/1	SPACE			
5						6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPACE	0		
9	-/1	SPACE		0		10	-/1	SPACE	0	0	
11	20/1	SPACE				12	20/1	SPACE	0		
13	-/3	SPACE				14	-/3	SPACE	0		
15				0		16			0	0	
17						18			0		
19	-/3	SPACE				20	-/3	SPACE	0		
21				0		22			0	0	
23						24			0		
25	-/3	SPACE				26	-/3	SPACE	0		
27						28			0	0	
29				0		30			0		
TOTAL CONNECTED KVA BY PHASE									7.28	6.1	7.6
TOTAL CONNECTED AMPS BY PHASE									53.8	44	56.5
LARGEST MOTOR			CONN KVA	CALC KVA	(25%)	RECEPTACLES			CONN KVA	CALC KVA	(50%>10)
MOTORS			9.15	2.29	(100%)	NONCONTINUOUS			0.18	2.5	(100%)
			18.3	18.3		TOTAL LOAD			23.3		
						BALANCED 3-PHASE LOAD			55.9 A		



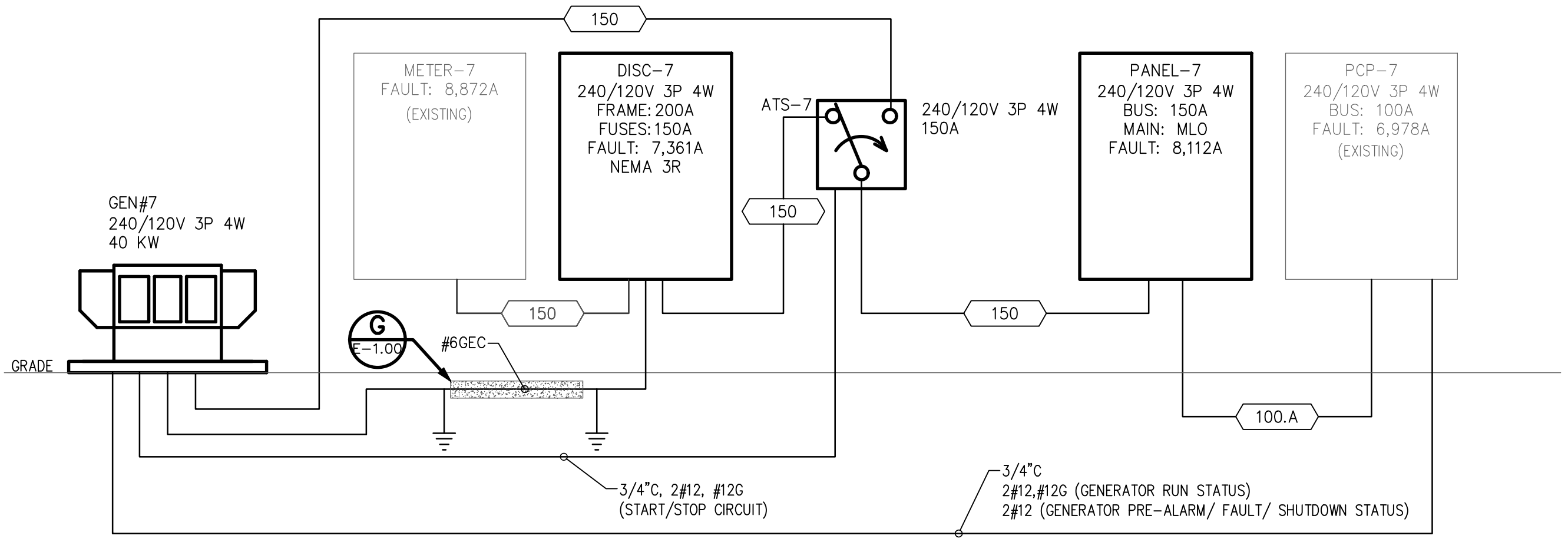
1 PUMP STATION #7 ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"
GRAPHIC SCALE: 1" = 1'-0"
PLAN NORTH



2 PUMP STATION #7 ELECTRICAL DEMOLITION POWER RISER
NO SCALE

ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
60	60	1" C, 3#6, #6N, #8G	PCP-5
100.A	100	1-1/4" C, 3#2, #2N, #8G	ATS-5, AT5-5, PANEL-5, PCP-7
125	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-11
125J	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-10
150	150	1-1/2" C, 3#1/0, #1/0N, #6G	ATS-7, AT5-7, AT5-11, AT5-11, DISC-7, DISC-11, PANEL-7, PANEL-11
225	225	2-1/2" C, 3#4/0, #4/0N, #4G	ATS-10, AT5-10, DISC-10, PANEL-10

SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C #1/0 AND ABOVE



3 PUMP STATION #7 ELECTRICAL POWER RISER
NO SCALE

CHEATHAM & ASSOCIATES, P.A.
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WWW.CHEATHAMPA.COM NC
LICENSE # E-1073
JOB # 22039

WithersRavenel
115 MacKenzie Drive, Cary, NC 27511
License # P-14791; 919-469-3340 | www.withersravenel.com

ROBESON COUNTY
556 NORTH CHESTNUT STREET
LUMBERTON, NC 29558

CONSTRUCTION PLANS
ROBESON COUNTY
MAXTON GENERATORS
CRI-155-0014
MAXTON, NC 28364 | ROBESON

Digitally signed by
Mark A. Ciarrocca
Date: 2023.01.25
11:36:24-05'00'

SCALE: 1" = 4' R.

INITIAL PLAN DATE: 10/24/2022
REVISIONS:

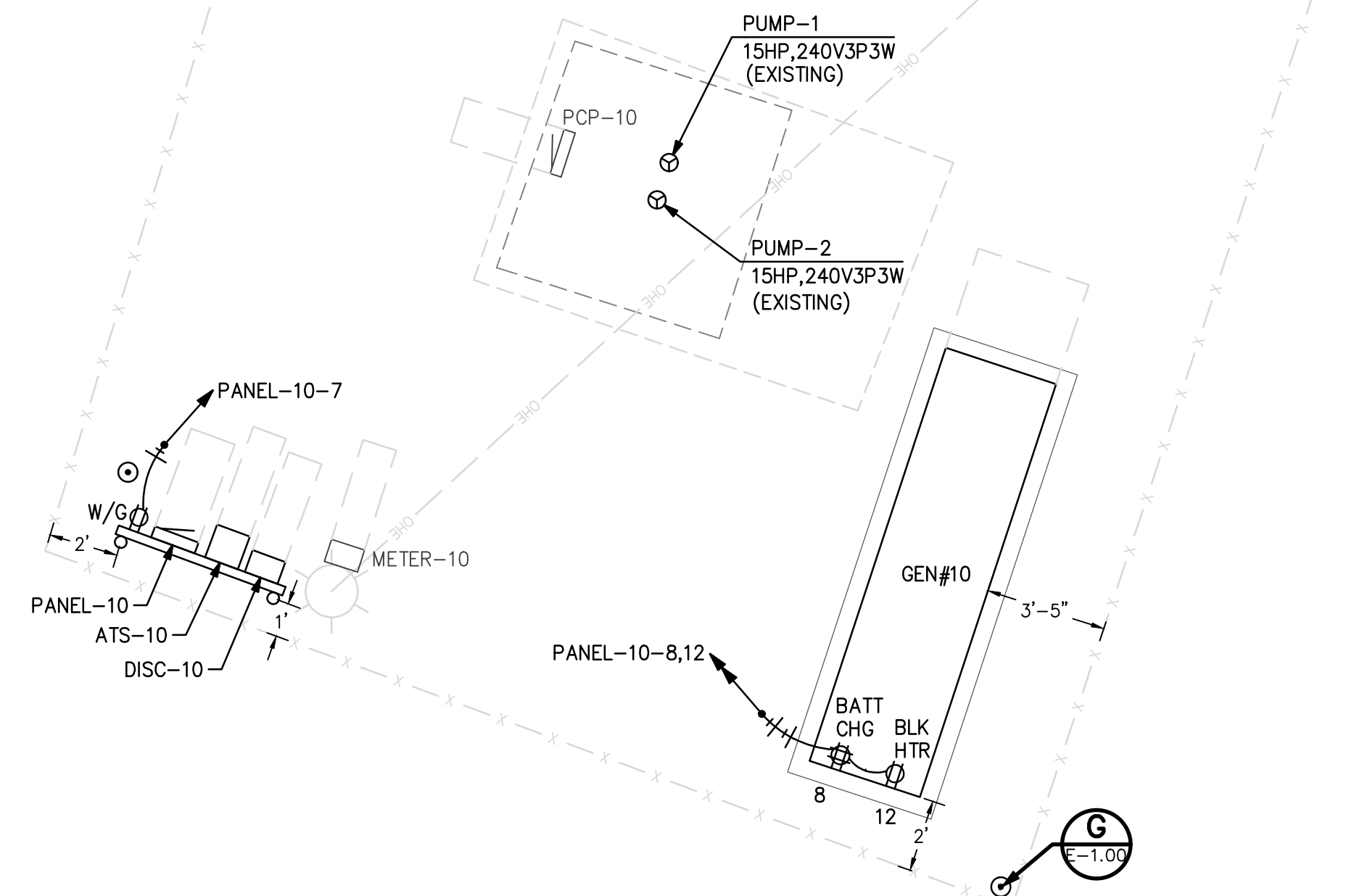
WR Job No. DATE
06211005.00 01/20/2022
DRN: JEG DGN: JEG CKD: MAC

ELECTRICAL
LS7

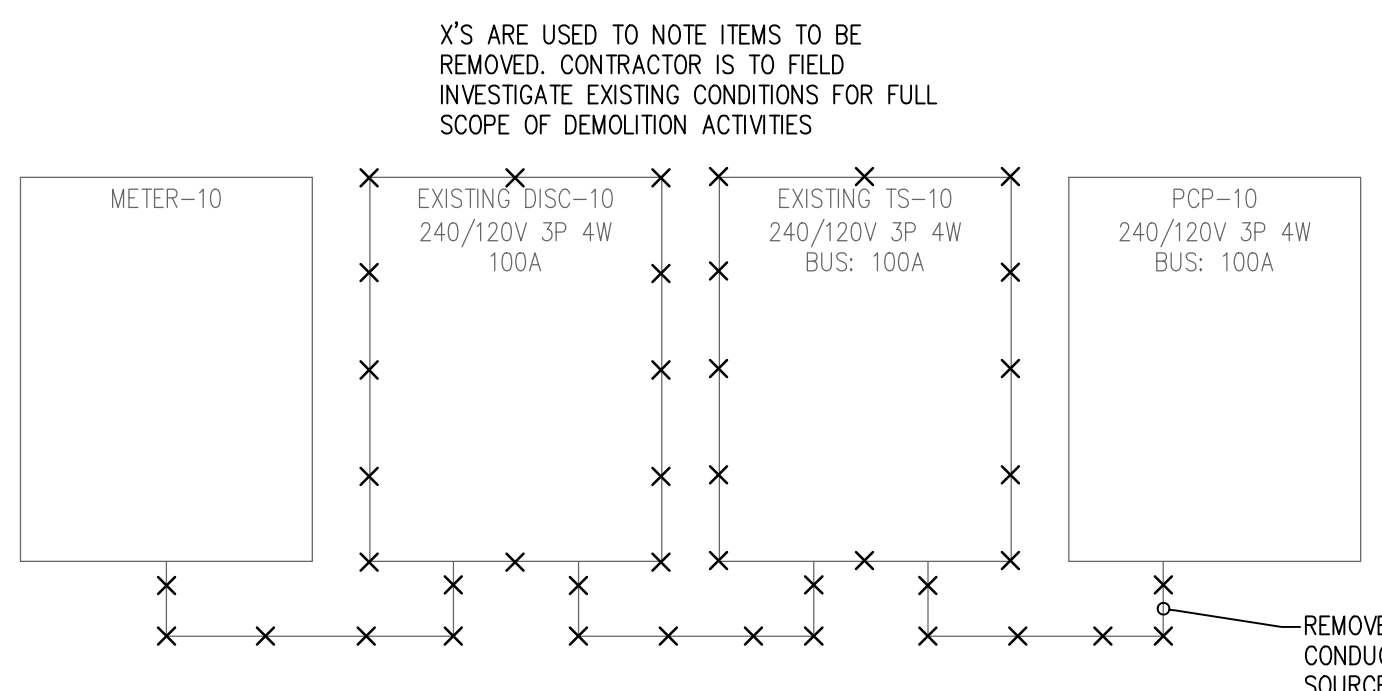
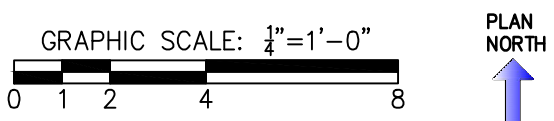
E-1.02

PANEL-10

ROOM:		VOLTS: 240/120V 3P 4W			AIC: 10,000						
MOUNTING: SURFACE		BUS AMPS: 225			MAIN BKR: 225						
FED FROM: ATS-10		NEUTRAL: 100%			LUGS: STANDARD						
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	20/3	PUMP-1	5.82			2	100/3	PUMP-2	5.82		
3	-			5.82		4	-			5.82	
5	-				5.82	6	-				5.82
7	20/1	REC-EXT GFCI	0.18			8	20/1	REC-BATTERY CHARGER	1		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPACE			0	12	20/1	REC-BLOCK HEATER			1.5
13	-/3	SPACE			0	14	-/3	SPACE			0
15	-				0	16	-				0
17	-				0	18	-				0
19	-/3	SPACE			0	20	-/3	SPACE			0
21	-				0	22	-				0
23	-				0	24	-				0
25	-/3	SPACE			0	26	-/3	SPACE			0
27	-				0	28	-				0
29	-				0	30	-				0
TOTAL CONNECTED KVA BY PHASE									12.8	11.6	13.1
TOTAL CONNECTED AMPS BY PHASE									93.8	84	96.5
LARGEST MOTOR			CONN KVA	CALC KVA	(%)	RECEPTACLES			CONN KVA	CALC KVA	(%)
MOTORS			17.5	4.36	(25%)	NONCONTINUOUS			0.18	0.18	(50%>10)
			34.9	34.9	(100%)	TOTAL LOAD			42		
						BALANCED 3-PHASE LOAD			101 A		



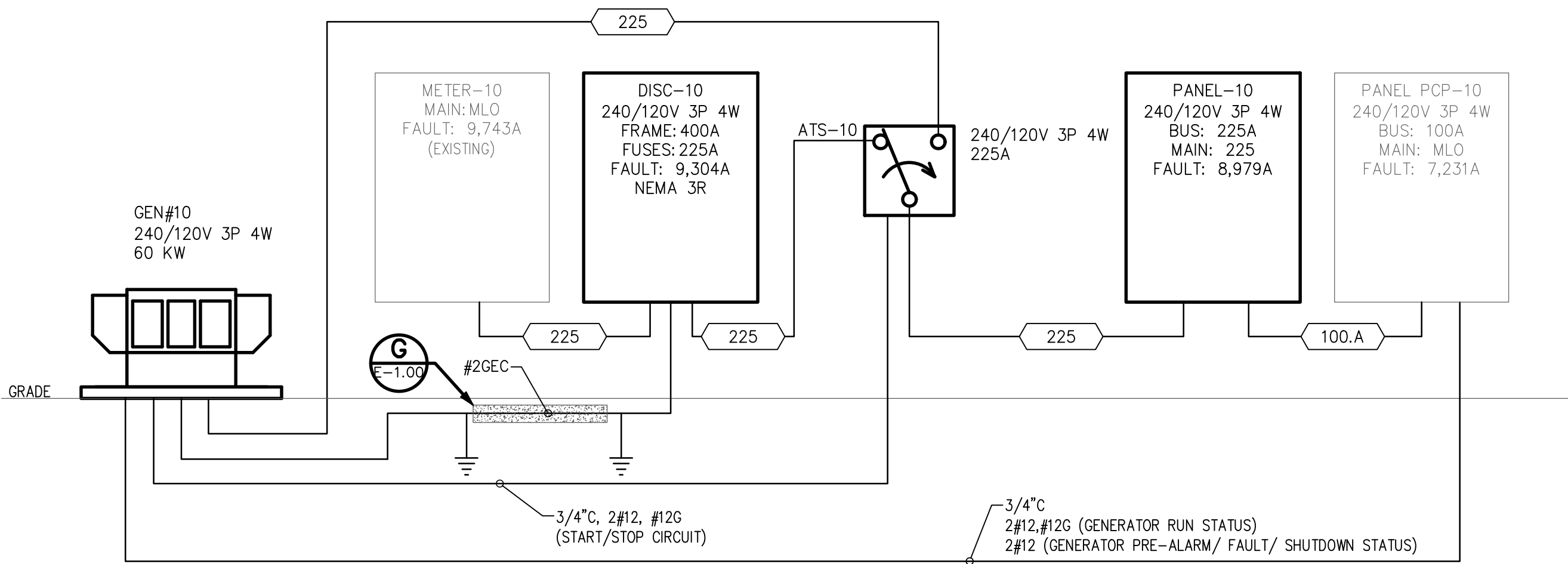
1 PUMP STATION #10 ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"



2 PUMP STATION #10 ELECTRICAL DEMOLITION POWER RISER
NO SCALE

ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
60	60	1" C, 3#6, #6N, #8G	PCP-5
100.A	100	1-1/4" C, 3#2, #2N, #8G	ATS-5, AT-5, PANEL-5, PCP-7
125	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-11
125J	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-10
150	150	1-1/2" C, 3#1/0, #1/0N, #6G	ATS-7, AT-7, AT-11, AT-11, DISC-7, DISC-11, PANEL-7, PANEL-11
225	225	2-1/2" C, 3#4/0, #4/0N, #4G	ATS-10, AT-10, DISC-10, PANEL-10

SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C #1/0 AND ABOVE



3 PUMP STATION #10 ELECTRICAL POWER RISER
NO SCALE

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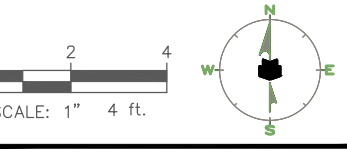
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Digitally signed by Mark A. Ciarrocca
Date: 2023.01.25 11:36:29-05'00'



INITIAL PLAN DATE: 10/24/2022
REVISIONS:

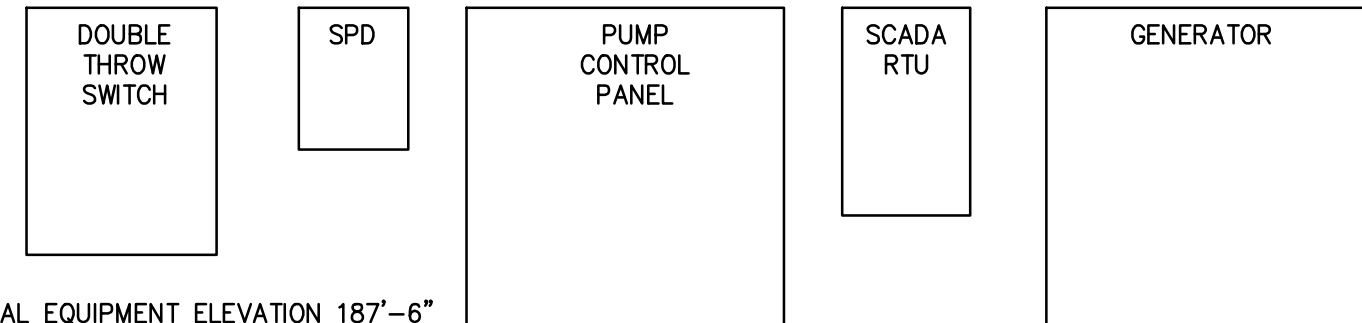
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06211005.00 01/20/2022
DRN: JEG DGN: JEG CKD: MAC

ELECTRICAL
LS10

E-1.03

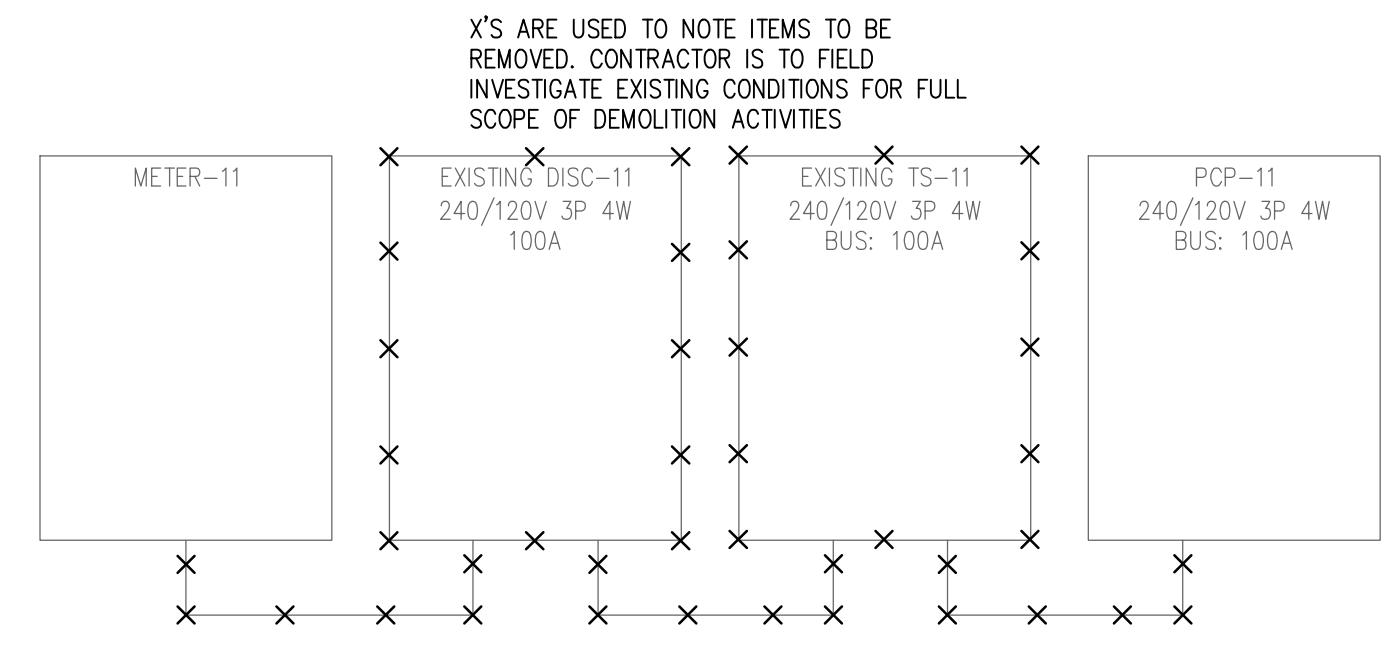
PANEL-11

ROOM:		VOLTS: 240/120V 3P 4W		AIC: 10,000							
MOUNTING: SURFACE		BUS AMPS: 150		MAIN BKR: MLO							
FED FROM: ATS-11		NEUTRAL: 100%		LUGS: STANDARD							
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	125/3	PANEL PCP-11	7.76	7.76	7.76	2	20/1	REC-BATTERY CHARGER	1	0	1.5
3	-/1	SPACE				4	-/1	SPACE			
5	-/1	SPACE				6	20/1	REC-BLOCK HEATER			
7	20/1	REC-EXT GFCI	0.18	0		8	20/1	SPACE	0	0	0
9	-/1	SPACE				10	-/1	SPACE			
11	20/1	SPACE				12	20/1	SPACE	0	0	0
13	-/3	SPACE	0	0	0	14	-/3	SPACE			
15	-/1	SPACE				16	-/1	SPACE			
17	-/1	SPACE				18	-/1	SPACE			
19	-/3	SPACE	0	0	0	20	-/3	SPACE	0	0	0
21	-/1	SPACE				22	-/1	SPACE			
23	-/1	SPACE				24	-/1	SPACE	0	0	0
25	-/3	SPACE	0	0	0	26	-/3	SPACE			
27	-/1	SPACE				28	-/1	SPACE	0	0	0
29	-/1	SPACE				30	-/1	SPACE			
TOTAL CONNECTED KVA BY PHASE									8.94	7.76	9.26
TOTAL CONNECTED AMPS BY PHASE									65.8	56	68.5
LARGEST MOTOR		CONN KVA	CALC KVA	(25%)	RECEPTACLES	CONN KVA	CALC KVA	(50%>10)			
MOTORS		11.6	2.91	(100%)	NONCONTINUOUS	2.5	2.5	(100%)			
					TOTAL LOAD	28.9					
					BALANCED 3-PHASE LOAD	69.4 A					



BOTTOM OF ELECTRICAL EQUIPMENT ELEVATION 187'-6"
 100 YEAR FLOODPLAIN ELEVATION 185'-6"
 GRADE ELEVATION 185'-0"

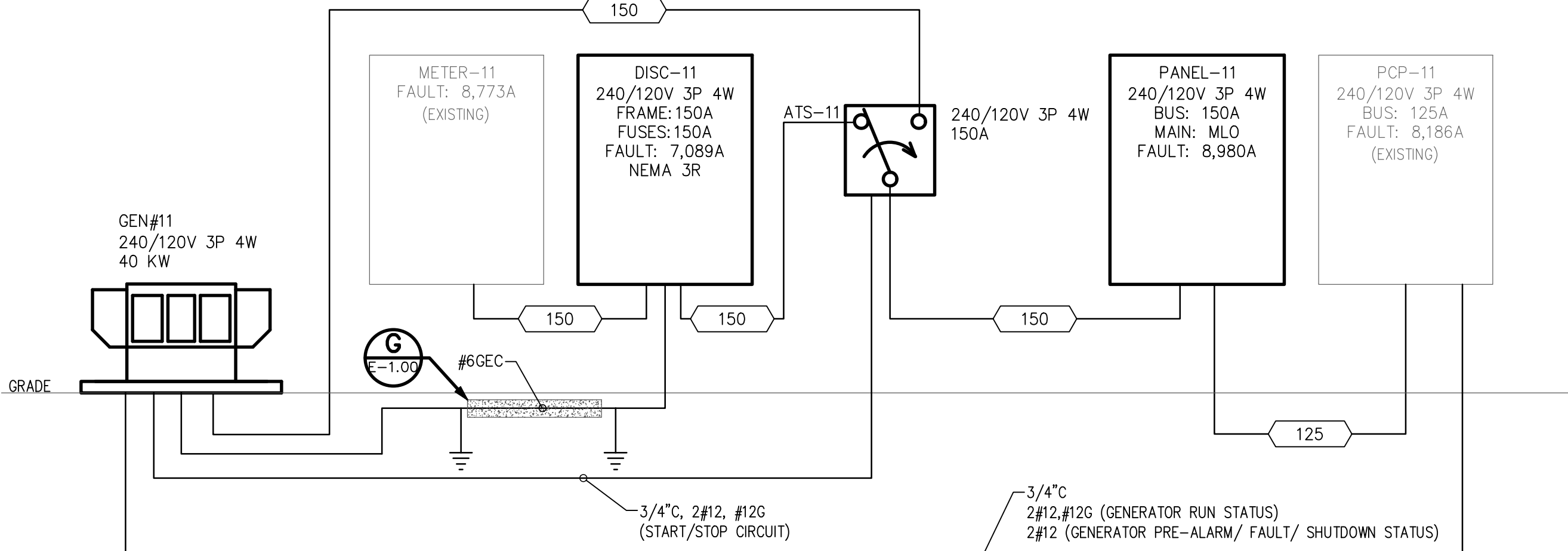
PUMP STATION #11 EQUIPMENT ELEVATIONS
 E-1.04 NO SCALE



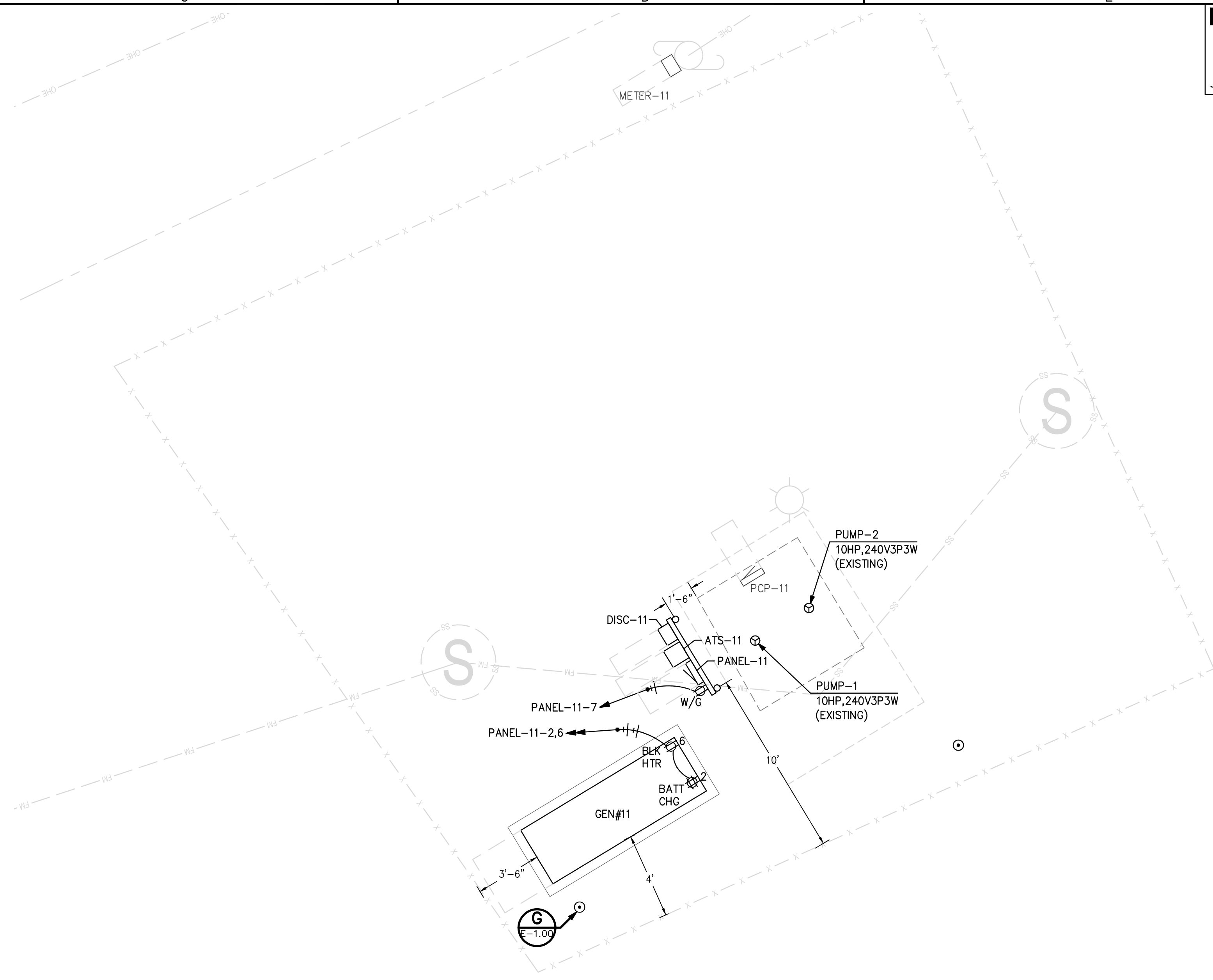
PUMP STATION #11 ELECTRICAL DEMOLITION POWER RISER
 E-1.04 NO SCALE

ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
60	60	1" C, 3#6, #6N, #8G	PCP-5
100.A	100	1-1/4" C, 3#2, #2N, #8G	ATS-5, ATS-5, PANEL-5, PCP-7
125	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-11
125J	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-10
150	150	1-1/2" C, 3#1/0, #1/0N, #6G	ATS-7, ATS-7, ATS-11, ATS-11, DISC-7, DISC-11, PANEL-7, PANEL-11
225	225	2-1/2" C, 3#4/0, #4/0N, #4G	ATS-10, ATS-10, DISC-10, PANEL-10

SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C #1/0 AND ABOVE



PUMP STATION #11 ELECTRICAL POWER RISER
 E-1.04 NO SCALE



PUMP STATION #11 ELECTRICAL POWER PLAN
 SCALE: 1/4" = 1'-0" GRAPHIC SCALE: 1/2" = 1'-0" PLAN NORTH

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Digitally signed by
 Mark A. Ciarrocca
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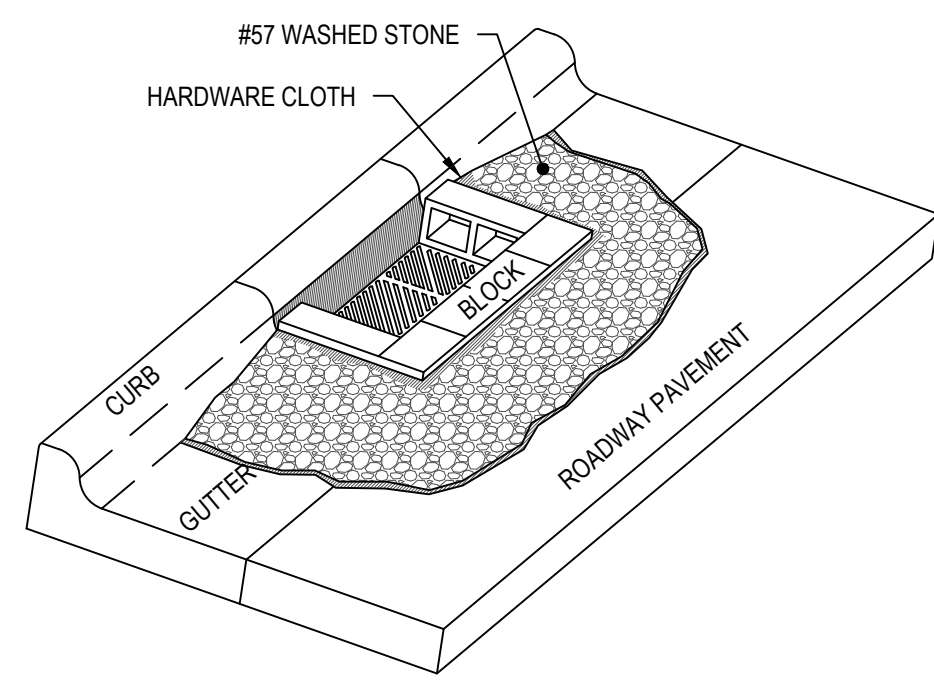
SCALE: 1" = 4' RL

INITIAL PLAN DATE: 10/24/2022
 REVISIONS:

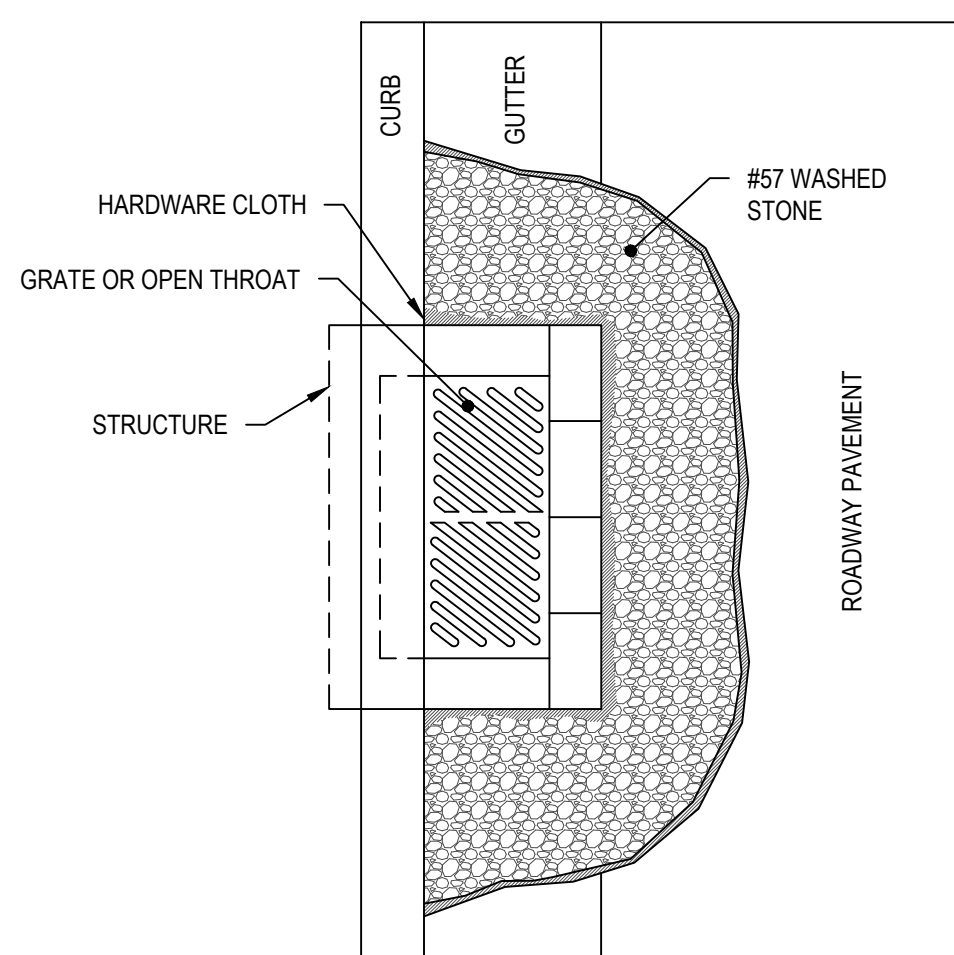
WR Job No. DATE
 06211005.00 01/20/2022
 DRN: JEG DGN: JEG CKD: MAC

ELECTRICAL
 LS11

E-1.04



PERSPECTIVE VIEW



PLAN VIEW

NOTES

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. PLACE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE CURB FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO THE SUBSEQUENT ROWS OF BLOCKS BY PLACING 2x4 WOOD STUDS THROUGH BLOCK OPENINGS.
- CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2" OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
- USE #57 WASHED STONE PLACED 2" BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT INTO AN EVEN GRADE.

MAINTENANCE NOTE:

INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/4" INCH OR GREATER) RAINFALL AND MAKE REPAIRS AS NEEDED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND ANY UNSTABLE SOIL, AND EITHER SALVAGE OR DISPOSE OF IT PROPERLY. BRING THE DISTURBED AREA TO PROPER GRADE, THEN SMOOTH AND COMPACT IT. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.

BLOCK AND GRAVEL INLET PROTECTION (TEMPORARY)

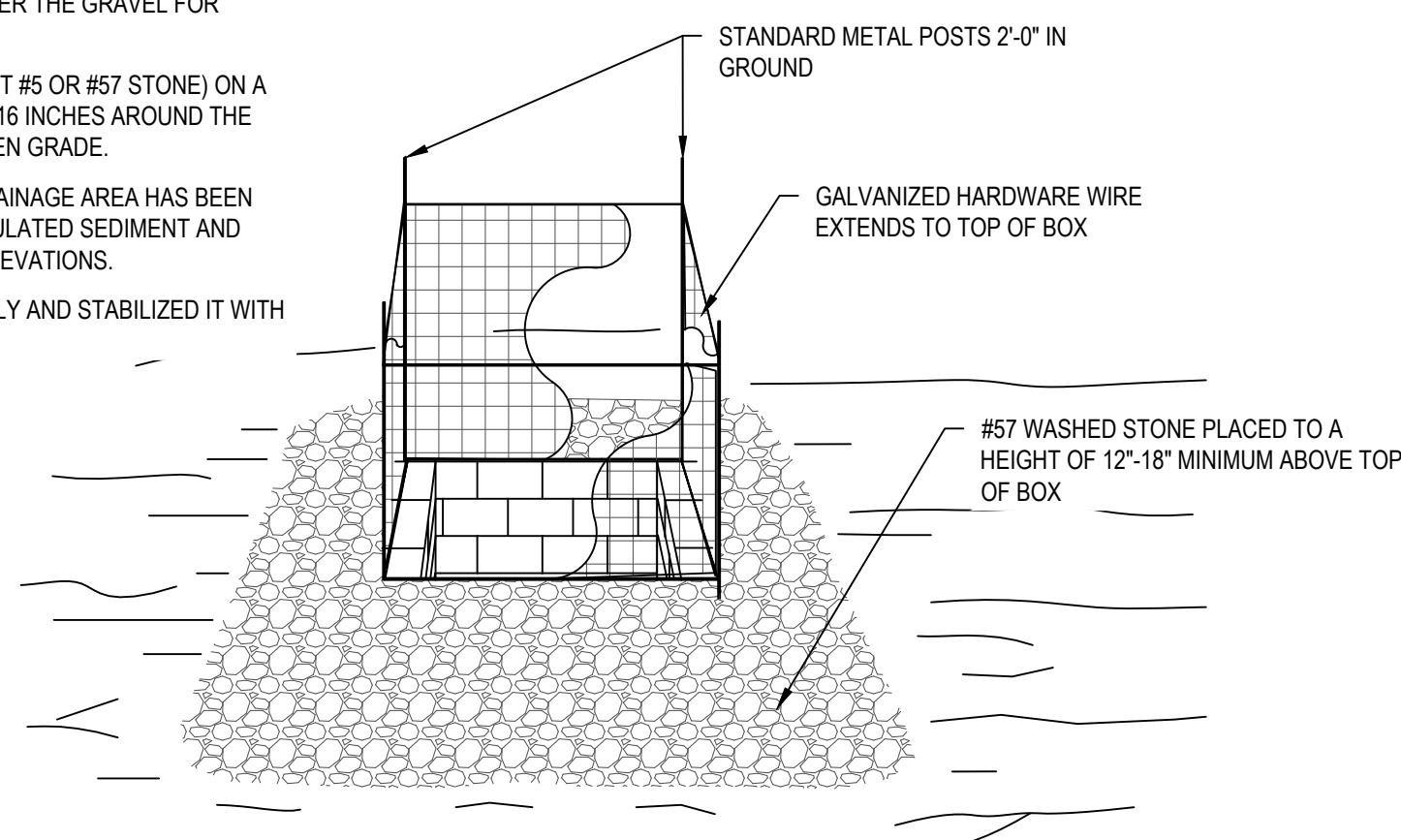
NOT TO SCALE

NOTES

- UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET.
- DRIVE 5-FOOT STEEL POSTS 2 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 4 FEET APART.
- SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE, AND BOTTOM. PLACE A 2-FOOT FLAP OF THE WIRE MESH UNDER THE GRAVEL FOR ANCHORING.
- PLACE CLEAN GRAVEL (NC DOT #5 OR #57 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE AND SMOOTH TO AN EVEN GRADE.
- ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT AND ESTABLISH FINAL GRADING ELEVATIONS.
- COMPACT THE AREA PROPERLY AND STABILIZE IT WITH GROUND COVER.

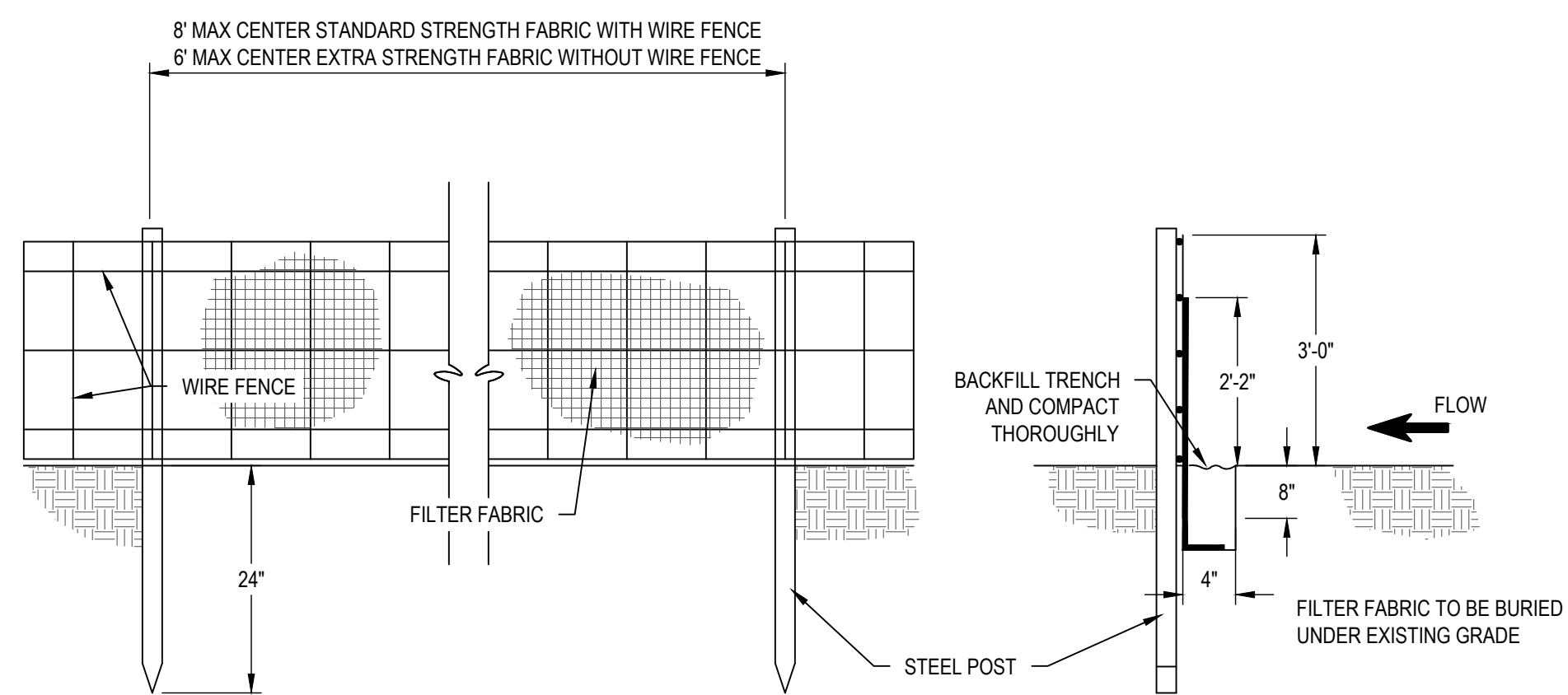
MAINTENANCE NOTE:

INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/4" INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.



HARDWARE CLOTH & GRAVEL INLET PROTECTION

NOT TO SCALE

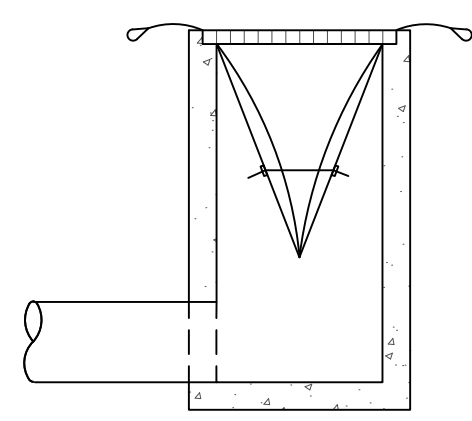


MAINTENANCE NOTES:

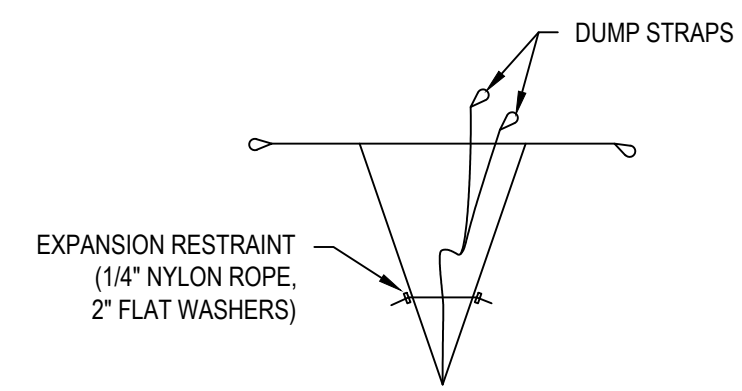
- INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
- SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
- REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
- REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

SILT FENCE

NOT TO SCALE



INSTALLATION DETAIL



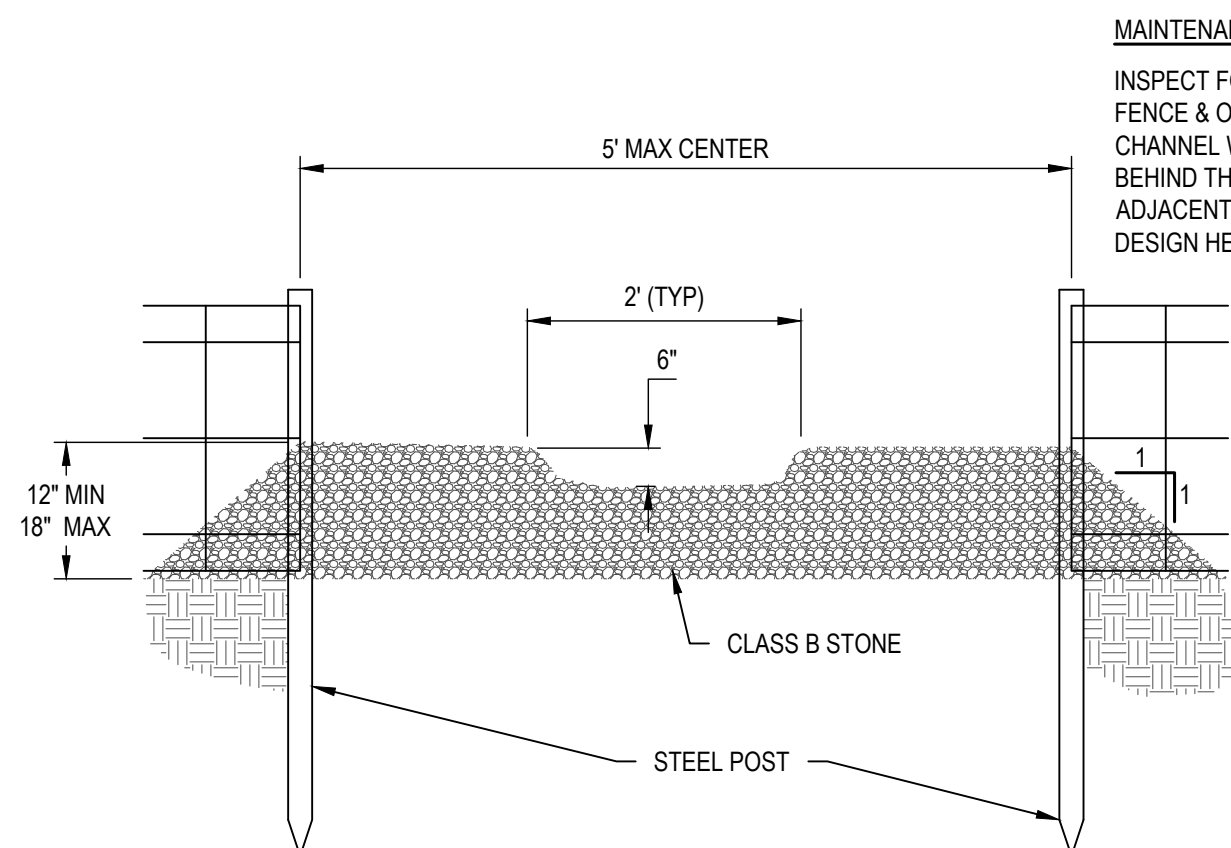
BAG DETAIL

MAINTENANCE NOTE:

INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/4" INCH OR GREATER) RAINFALL EVENT. CLEAR THE SEDIMENT SACK OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE THE SEDIMENT SACK DURING SEDIMENT REMOVAL. REPLACE DAMAGED SEDIMENT SACKS IMMEDIATELY.

INLET SEDIMENT CONTROL DEVICE

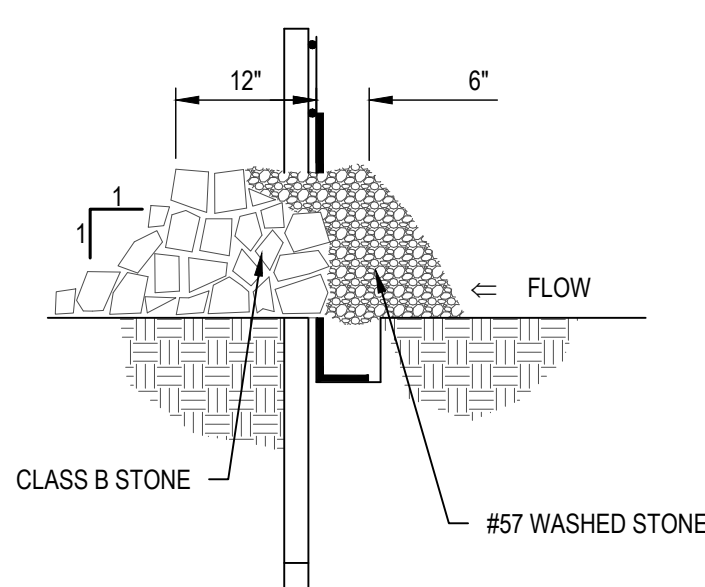
NOT TO SCALE



DAM SECTION

NOTE:

- POSTS TO BE BURIED A MINIMUM OF 24".



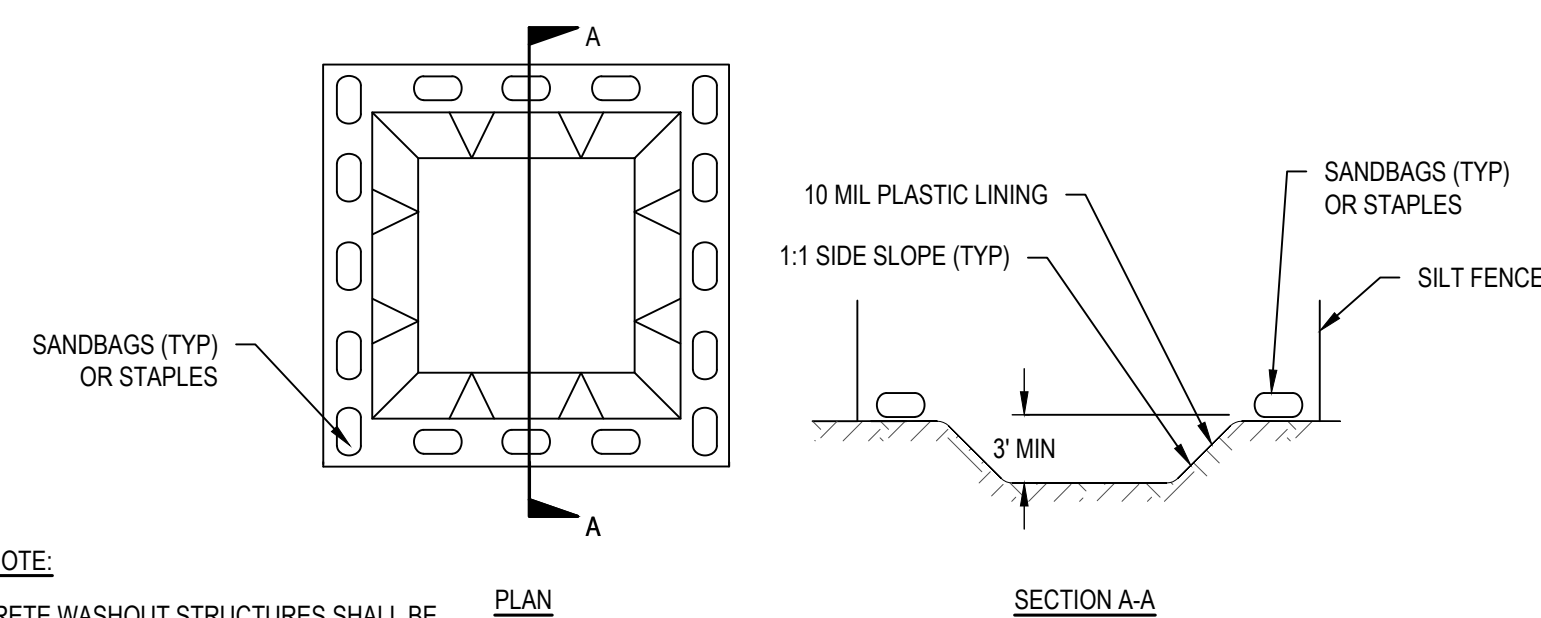
CROSS SECTION

SILT FENCE OUTLET-STONE

NOT TO SCALE

EROSION CONTROL NOTES:

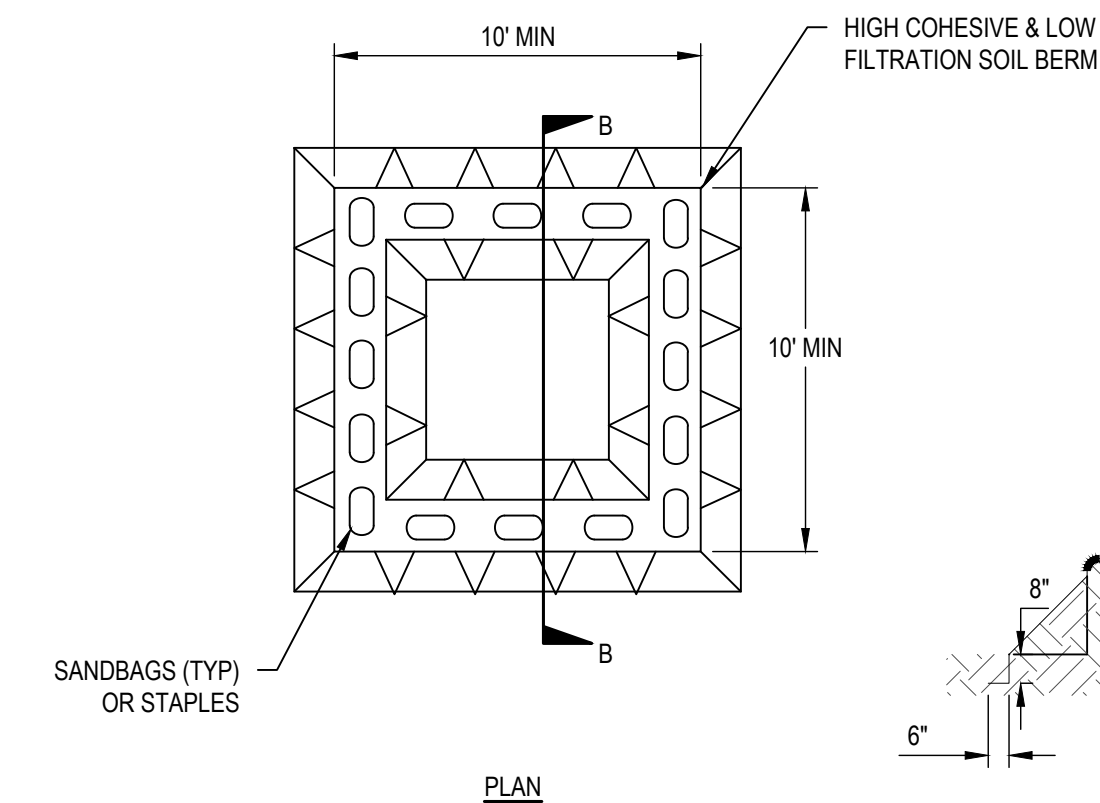
- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL EROSION CONTROL MEASURES TO ACCOUNT FOR ANY EROSION THAT MAY OCCUR.



MAINTENANCE NOTE:

- THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.

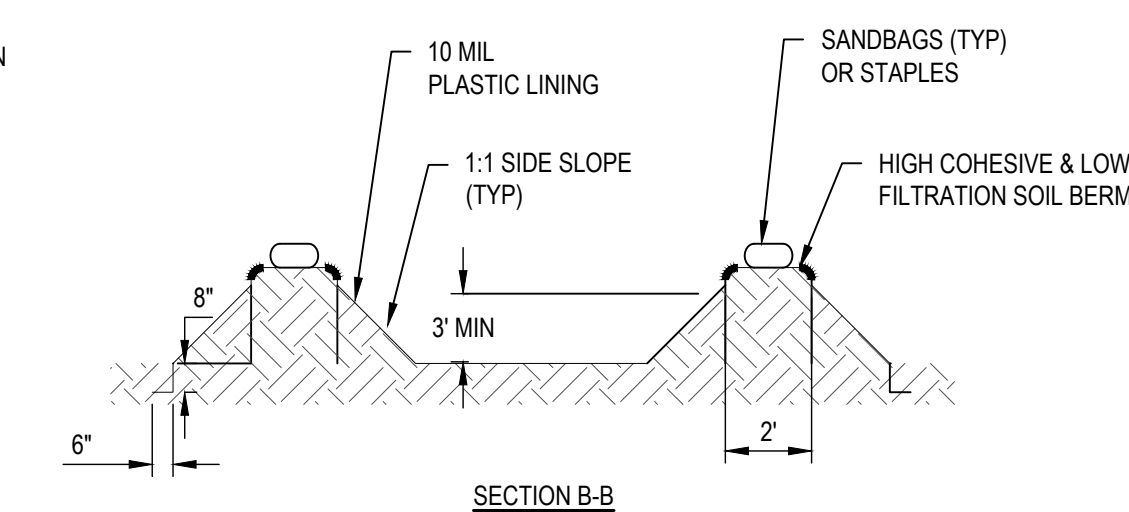
BELOW GRADE WASHOUT STRUCTURE



MAINTENANCE NOTE:

- THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

ABOVE GRADE WASHOUT STRUCTURE

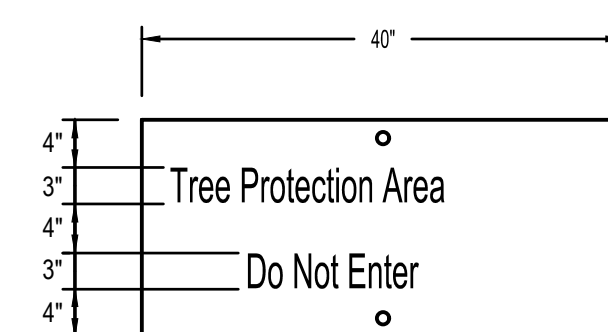


NOTES:

- ACTUAL LOCATION DETERMINED IN FIELD
- CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

NOT TO SCALE



WEATHERPROOF SIGN AS SHOWN ABOVE. SEE NOTES BELOW FOR CONSTRUCTION AND SPACING DATA.

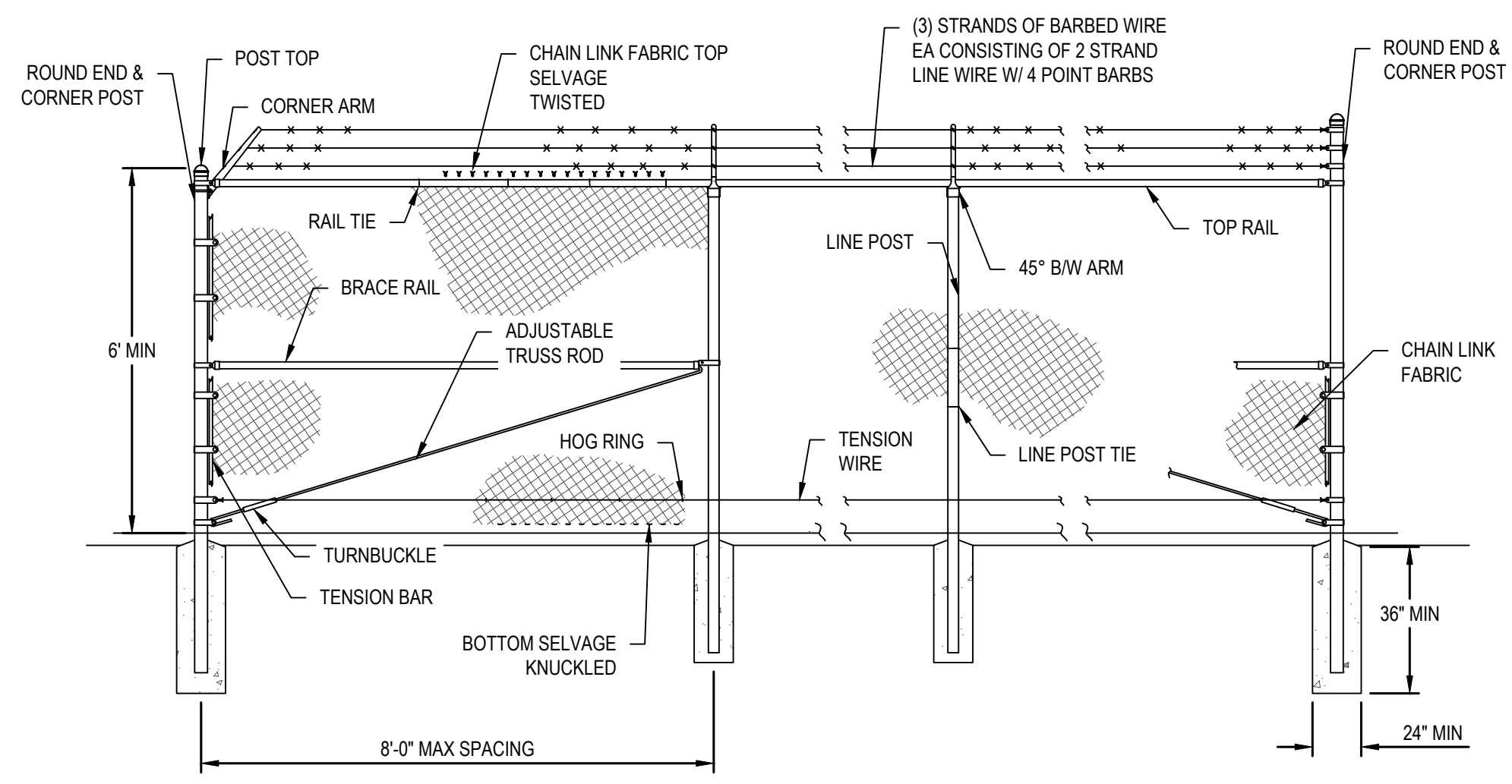
POST MAY BE EITHER 4"x4" PINE, 2"x2" OR 1.33 lb./LF STEEL

NOTES:

- WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.
- LETTERS ARE TO BE 3" HIGH MIN., CLEARLY LEGIBLE AND SPACED AS DETAILED.
- SIGNS ARE TO BE PLACED NO GREATER THAN 200' ON CENTER.
- PLACE SIGN AT EACH END OF LINEAR TREE PROTECTION AREA AND ON CENTER THEREAFTER FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER. PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.
- ATTACH SIGNS SECURELY TO FENCE POST AND FABRIC.
- MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.

TREE PROTECTION FENCE

NTS

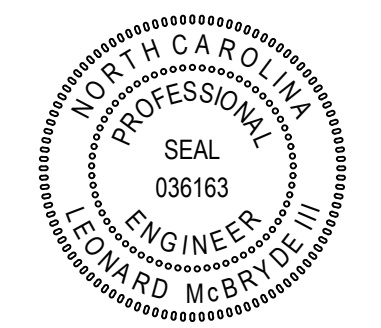


CHAIN LINK FENCE
NOT TO SCALE

WR Job No. DATE
06211005.00 01/25/2023
DRN: DAC DGN: DAC CKD: LM

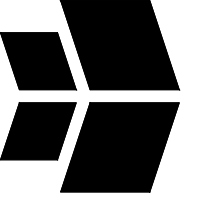
**STANDARD
DETAILS**

C1.01



CONSTRUCTION PLANS
**ROBESON COUNTY
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CRI-155-0014**
MAXTON, NC 28364 | ROBESON

ROBESON COUNTY
550 NORTH CHESTNUT STREET
LUMBERTON, NC 27388

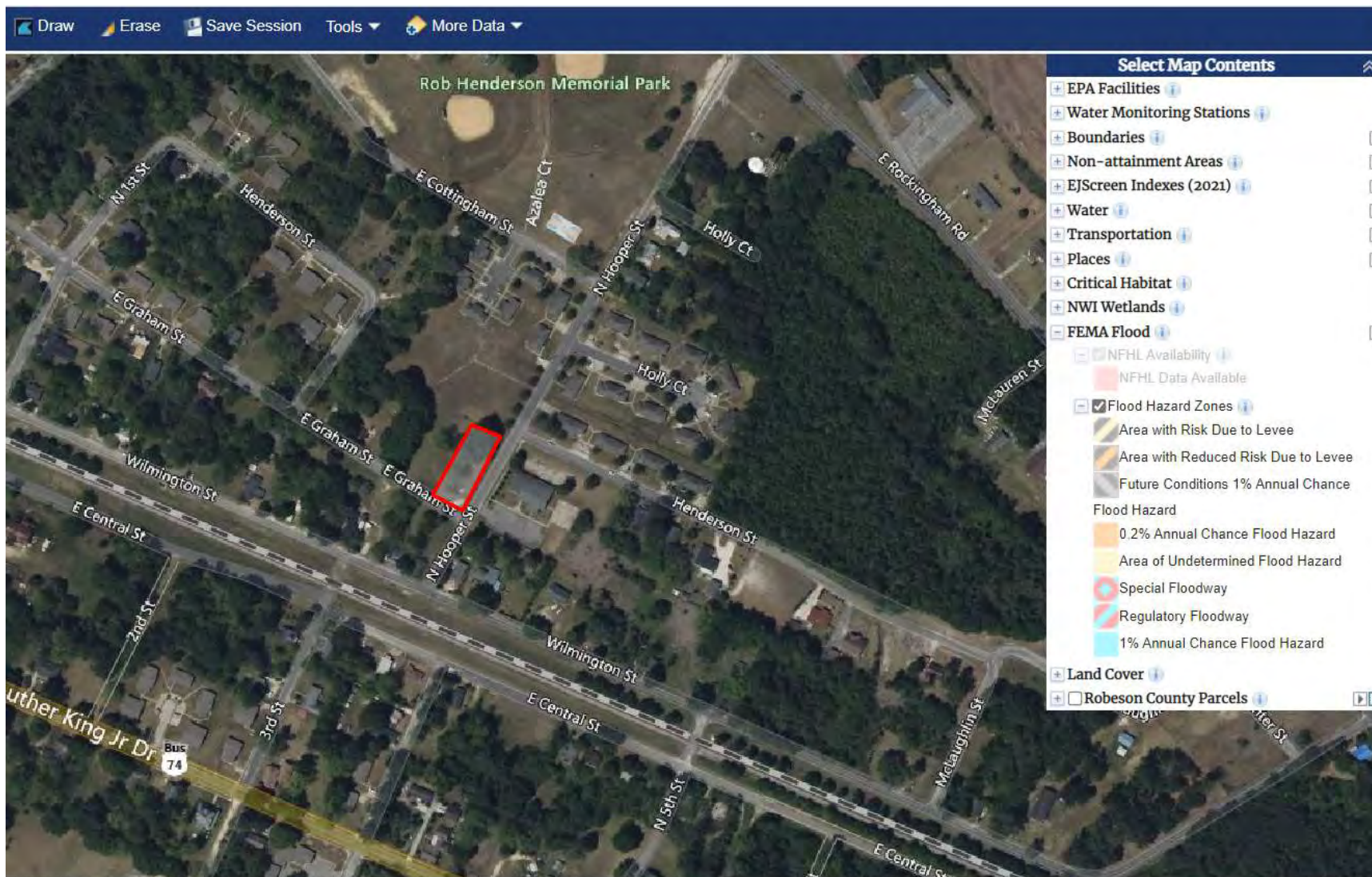


WithersRavenel
115 MackKernan Drive | Cary, NC 27511
License #: F-1479 | t: 919.469.8340 | www.withersravenel.com

FEMA FIRMs and PFIRMS with Parcel Boundary

Maxton Sewer Lift Station No. 5
303 N. Hooper Street, Maxton, NC 28364

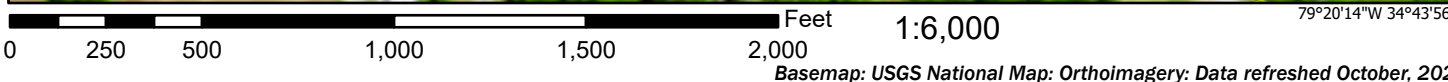
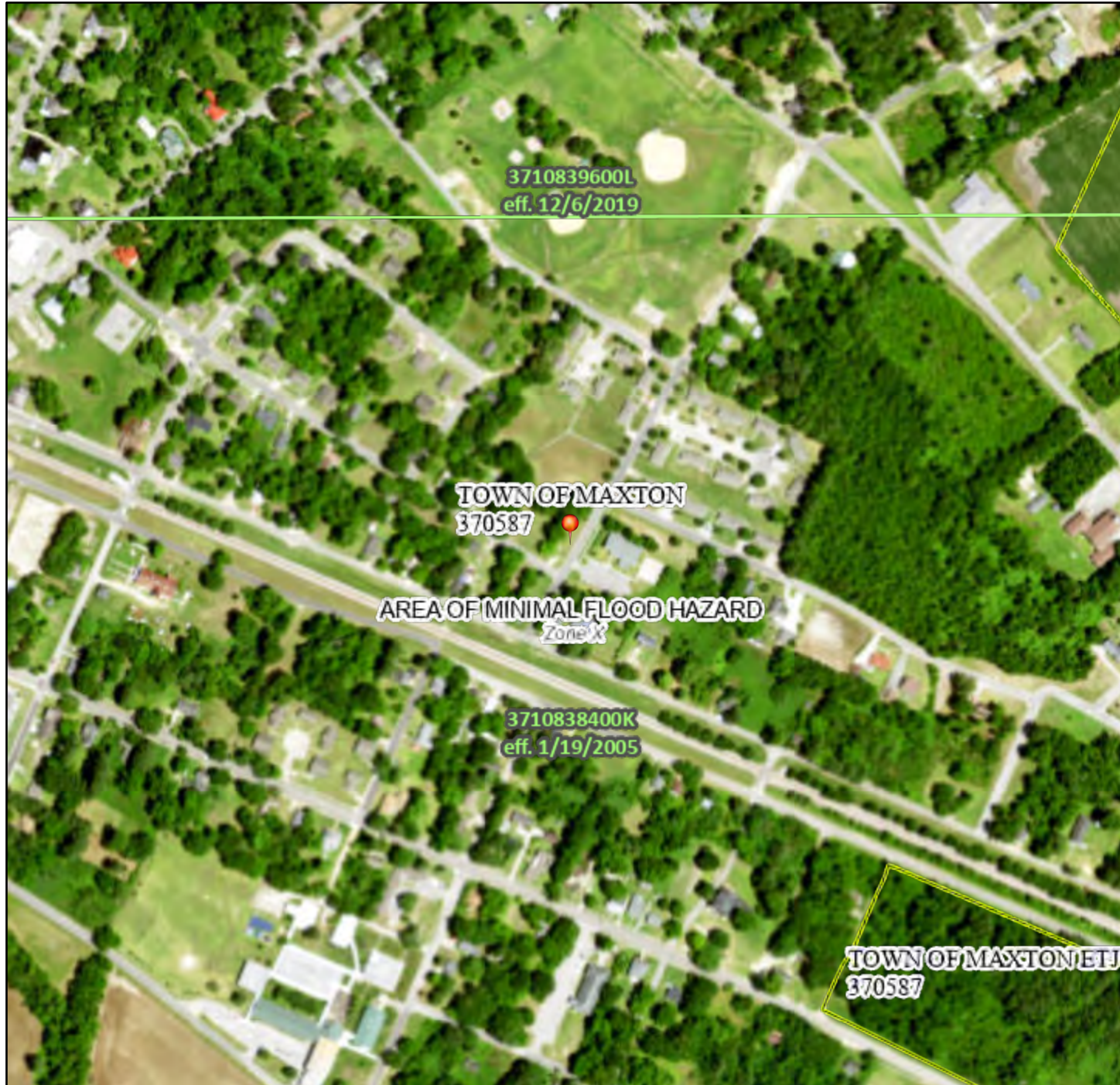
Maxton Sewer Lift Station No. 5, 303 N. Hooper Street, Maxton, NC 28364 - FEMA FIRM



National Flood Hazard Layer FIRMMette



79°20'52"W 34°44'25"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>

		Area with Flood Risk due to Levee <i>Zone D</i>
--	--	---

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		8 Coastal Transect

		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

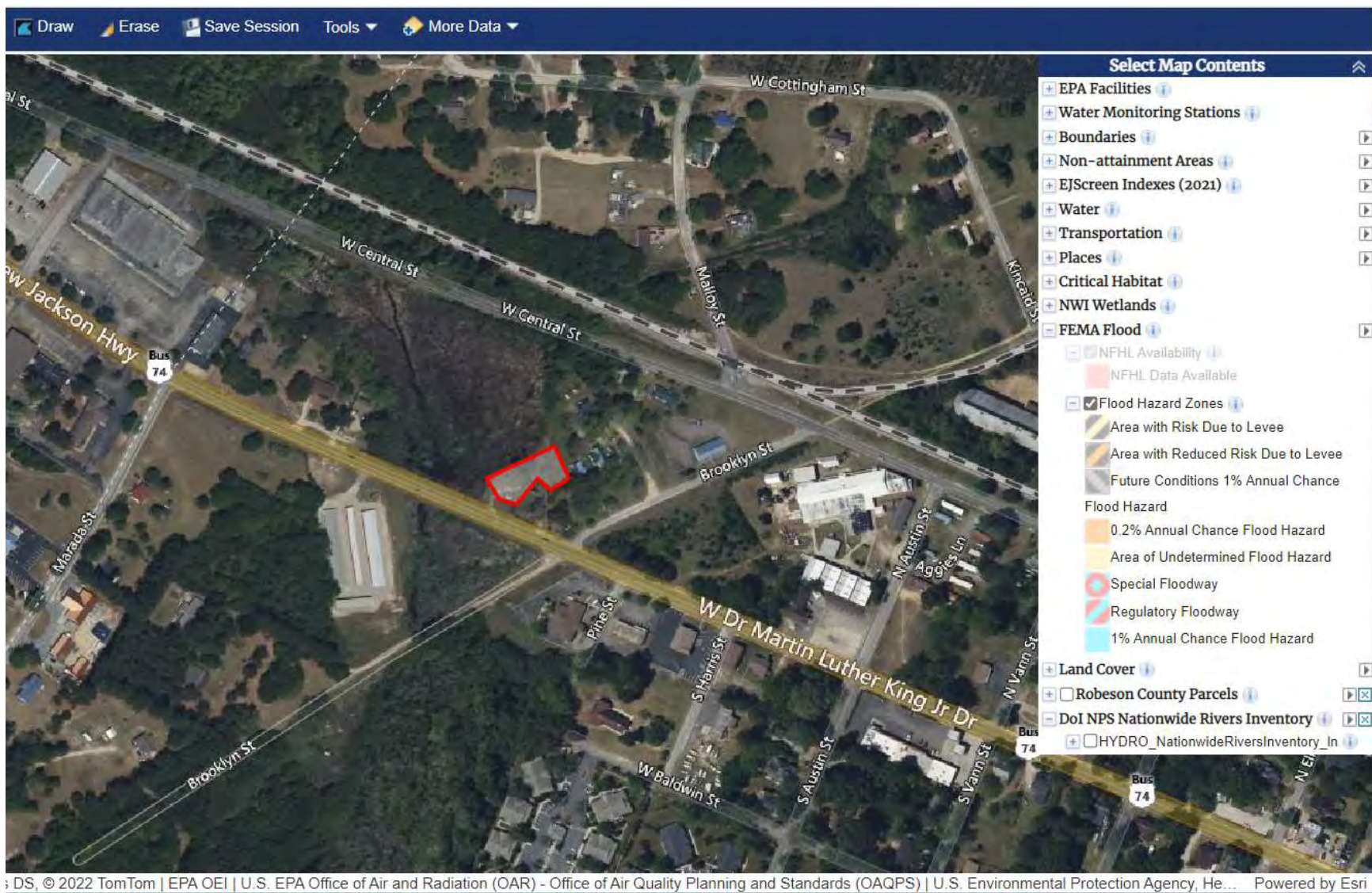
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/23/2021 at 9:32 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Maxton Sewer Lift Station No. 7
904 US 74 BUS, Maxton, NC 28364

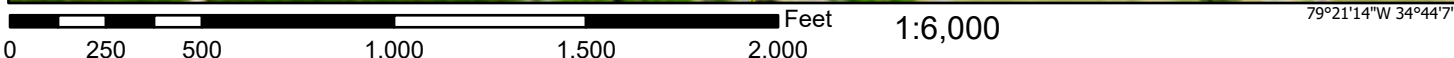
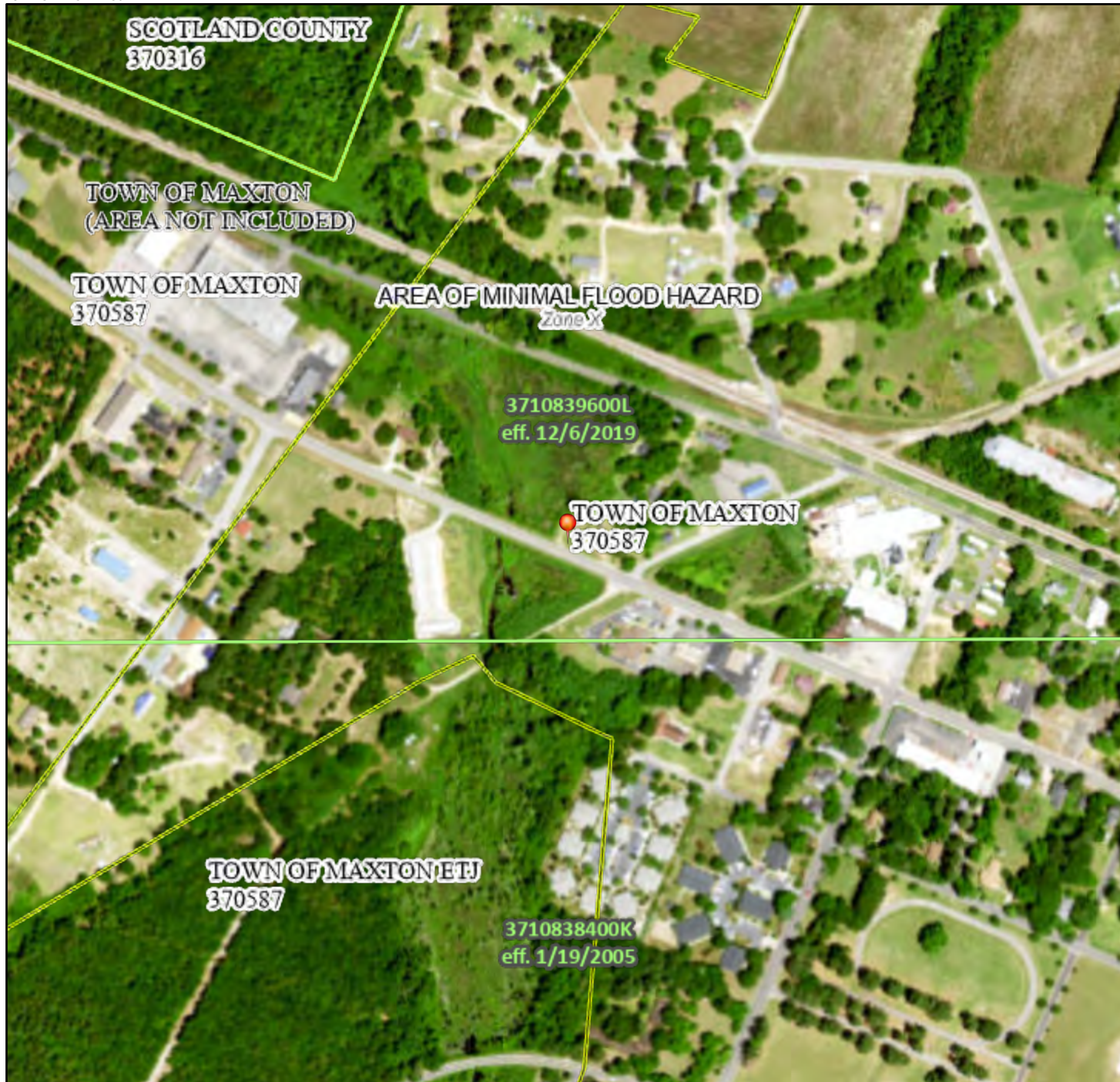
Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364 - FEMA FIRM



National Flood Hazard Layer FIRMette



79°21'52"W 34°44'36"N



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

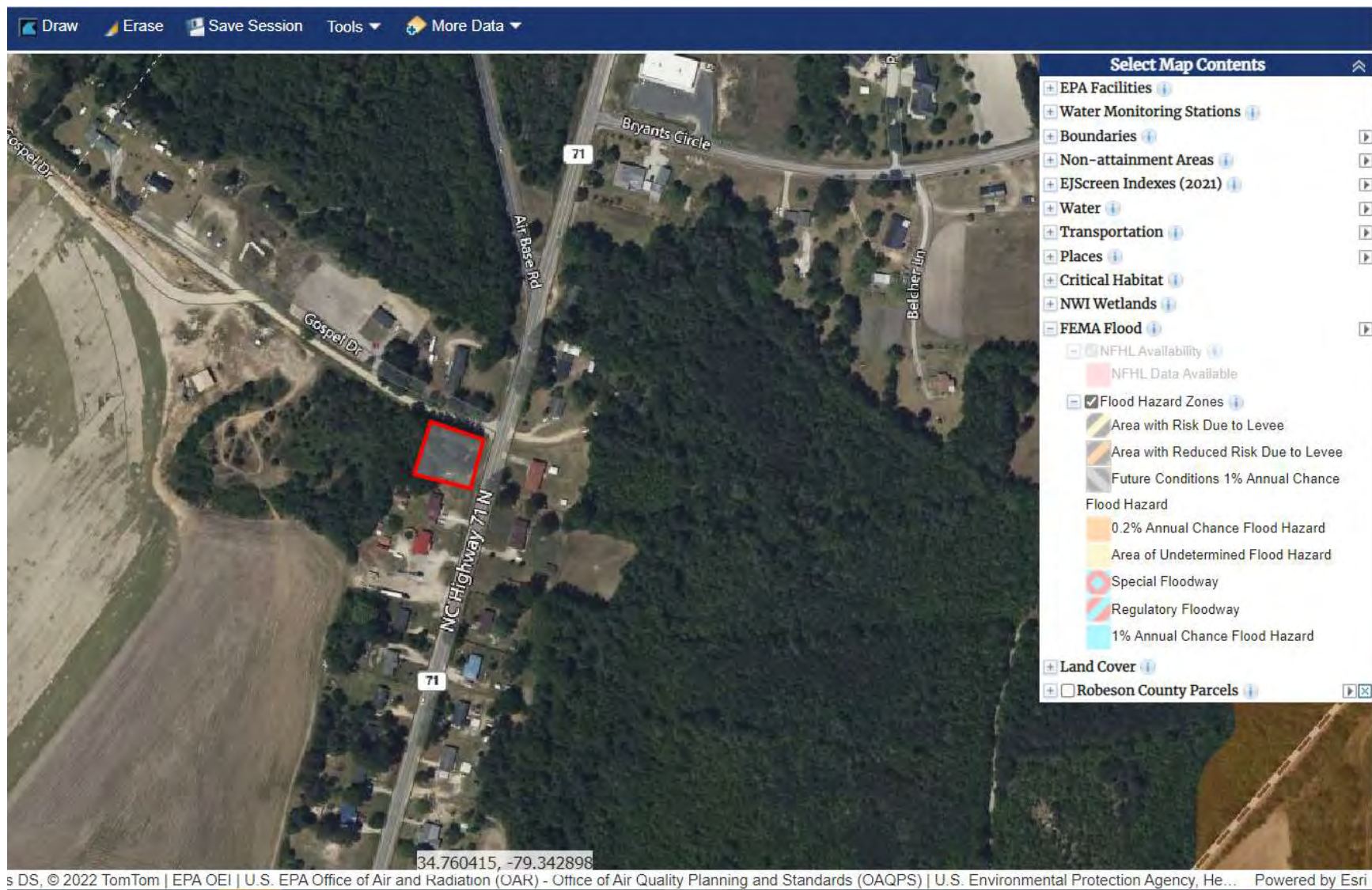
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/23/2021 at 12:39 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Maxton Sewer Lift Station No. 10
627 NC Highway 71N, Maxton, NC 28364

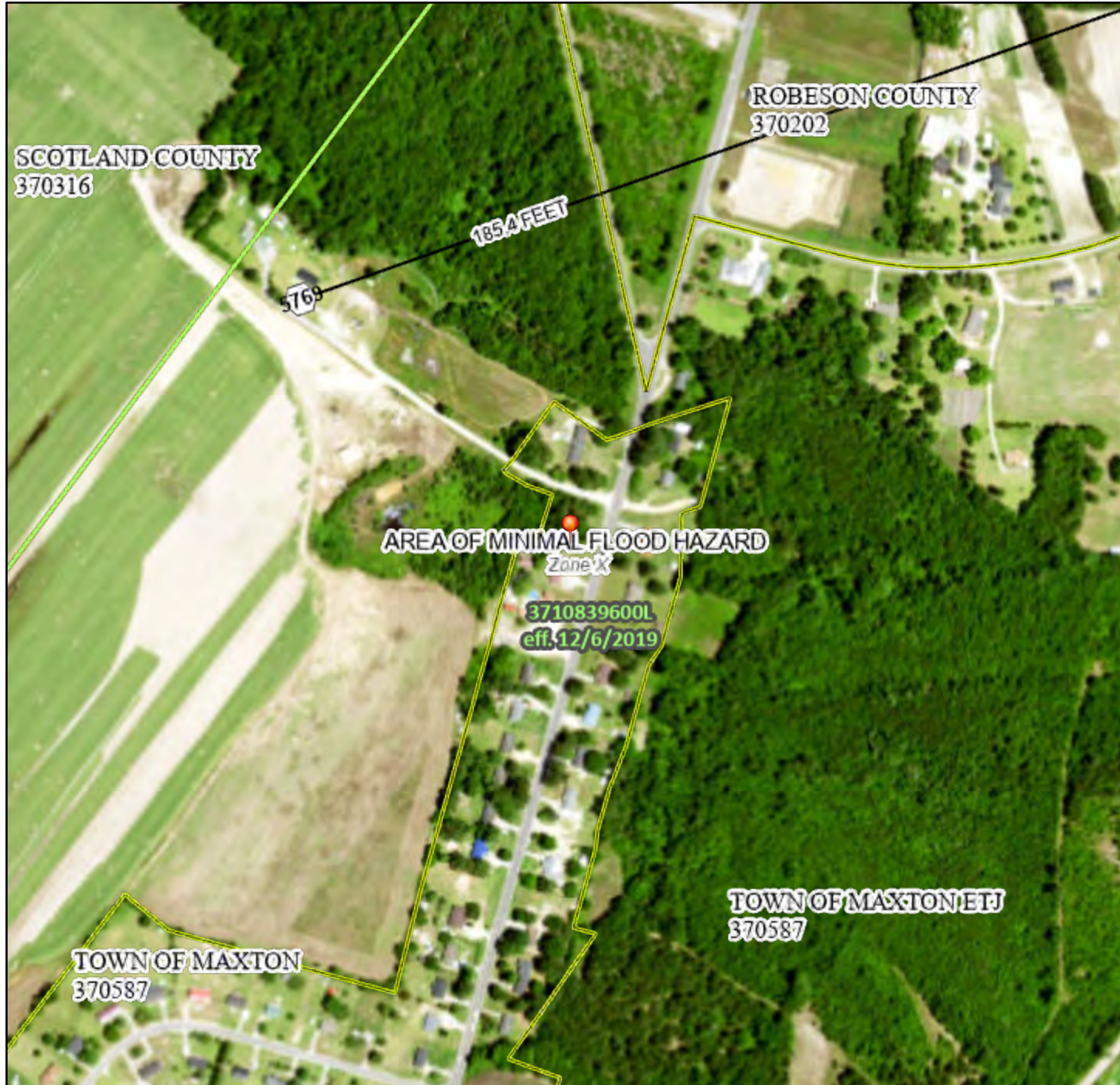
Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364 - FEMA FIRM



National Flood Hazard Layer FIRMette



79°20'45"W 34°45'43"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
OTHER FEATURES		Profile Baseline
		Hydrographic Feature

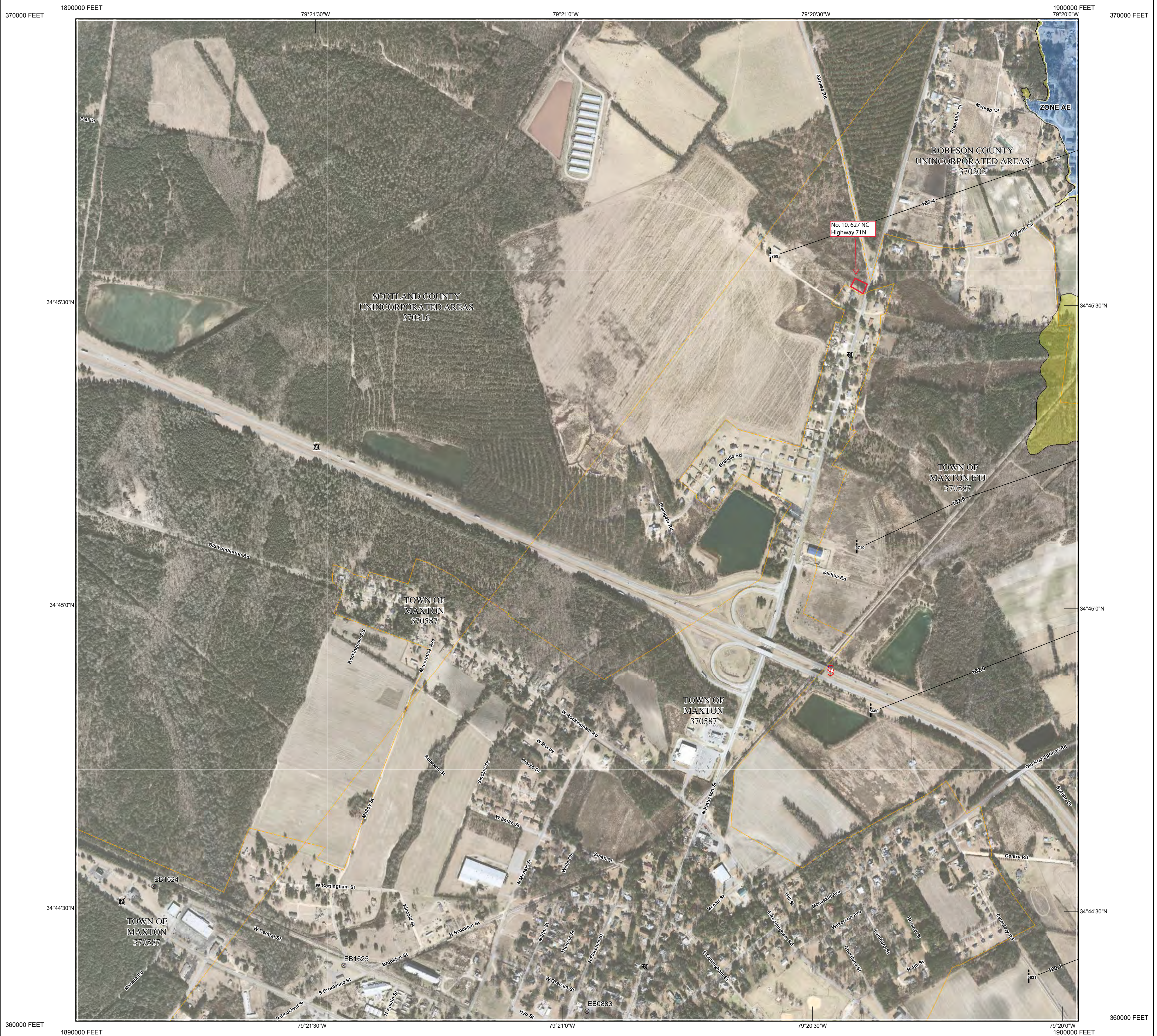
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/23/2021 at 10:41 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR ZONE DESCRIPTIONS AND INDEX MAP THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTP://FRIS.NC.GOV/FRIS](http://FRIS.NC.GOV/FRIS)

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE)
		With BFE or Depth Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD		Regulatory Floodway
		0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with Average Depth Less Than One Foot or with Drainage Areas of Less Than One Square Mile Zone X
OTHER AREAS		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee See Notes Zone X
GENERAL STRUCTURES		Areas Determined to be Outside the 0.2% Annual Chance Floodplain Zone X
		Channel, Culvert, or Storm Sewer Accredited or Provisionally Accredited Levee, Dike, or Floodwall
OTHER FEATURES		Non-accredited Levee, Dike, or Floodwall
		North Carolina Geodetic Survey bench mark
		National Geodetic Survey bench mark
		Contractor Est. NCFMP Survey bench mark
		Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
		Coastal Transect
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Limit of Study
		Jurisdiction Boundary

NOTES TO USERS

For information and questions about this map, available products associated with this FIRM including historic versions of this FIRM, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Map Service Center website at <http://msc.fema.gov>. An accompanying Flood Insurance Study report, Letter of Map Revision (LOMR) or Letter of Map Amendment (LOMA) revising portions of this panel, and digital versions of this FIRM may be available. Visit the North Carolina Floodplain Mapping Program website at <http://www.ncfloodmaps.com> or contact the FEMA Map Service Center.

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To determine if flood insurance is available in the community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

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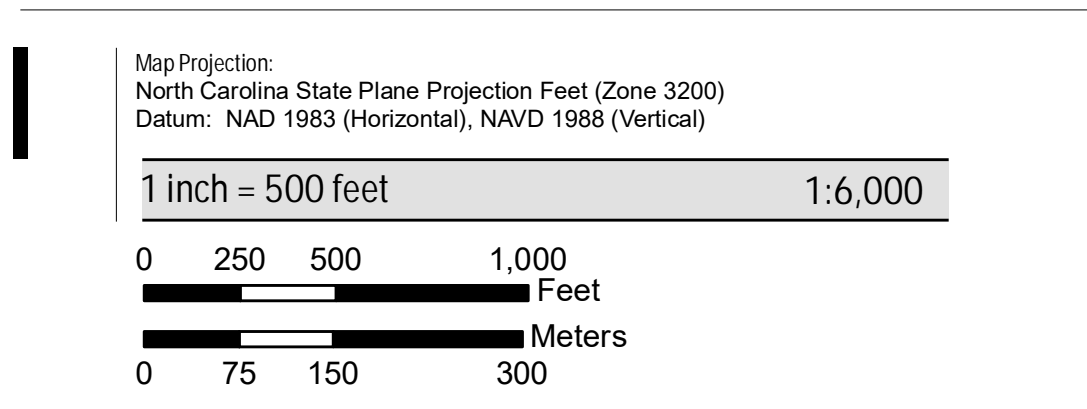
ACCREDITED LEEVE NOTES TO USERS: If an accredited levee note appears on this panel check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, on the levee system(s) shown as providing protection. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at <http://www.fema.gov/business/nfip/index.shtm>.

PROVISIONALLY ACCREDITED LEEVE NOTES TO USERS: If a Provisionally Accredited Levee (PAL) note appears on this panel, check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, on the levee system(s) shown as providing protection. To maintain accreditation, the levee owner or community is required to submit the data and documentation necessary to comply with Section 65.10 of the NFIP regulations. If the community or owner does not provide the necessary data and documentation or if the data and documentation provided indicates the levee system does not comply with Section 65.10 requirements, FEMA will revise the flood hazard and risk information for this area to reflect de-accreditation of the levee system. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at <http://www.fema.gov/business/nfip/index.shtm>.

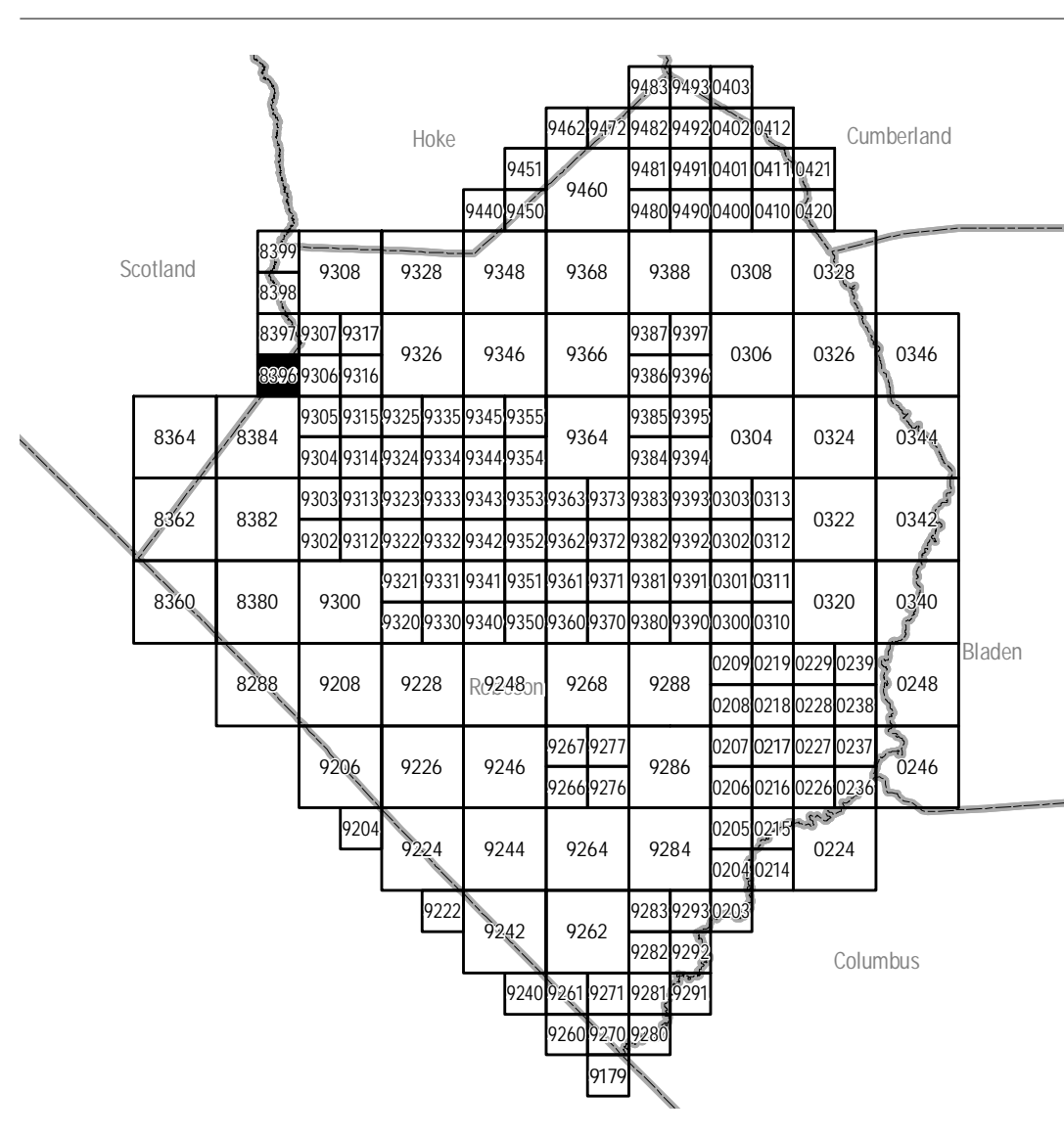
LIMIT OF MODERATE WAVE ACTION NOTES TO USERS: For some coastal flooding zones the AE Zone category has been divided by a Limit of Moderate Wave Action (LIMWA). The LIMWA represents the approximate landward limit of the 1.5-foot breaking wave. The effects of wave hazards between the VE Zone and the LIMWA (or between the shoreline and the LIMWA for areas where VE Zones are not identified) will be similar to, but less severe than those in the VE Zone.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) NOTE
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SCALE



PANEL LOCATOR



National Flood Insurance Program

NORTH CAROLINA FLOODPLAIN MAPPING PROGRAM
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

NORTH CAROLINA

PANEL 8396

Panel Contains:

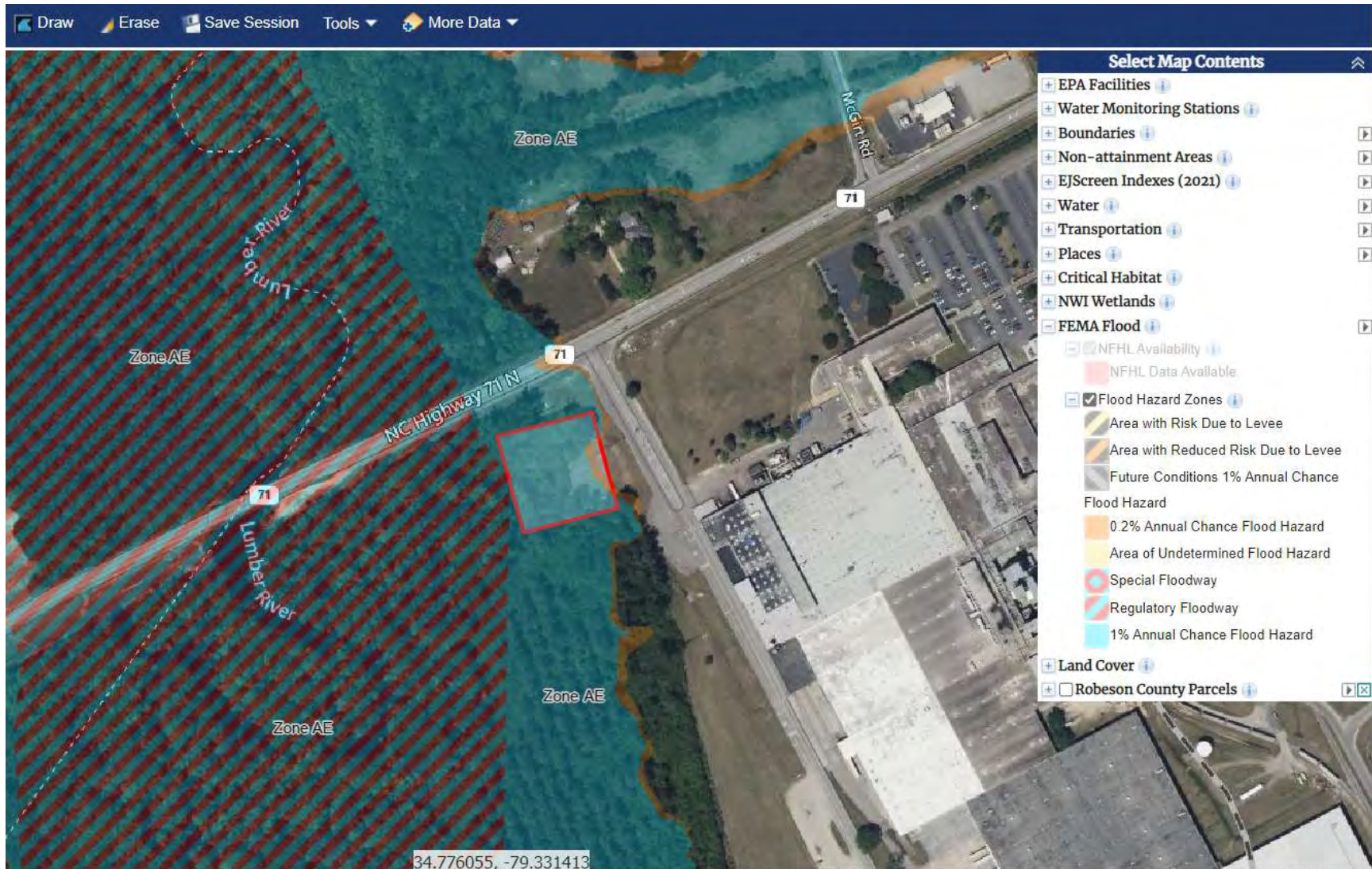
COMMUNITY	CID	PANEL	SUFFIX
MAXTON, TOWN OF	370587	8396	L
ROBESON COUNTY	370202	8396	L
SCOTLAND COUNTY	370316	8396	L

PRELIMINARY
08/29/2014

MAP NUMBER
3710839600L

Maxton Sewer Lift Station No. 11
2074 NC Highway 71N, Maxton, NC 28364

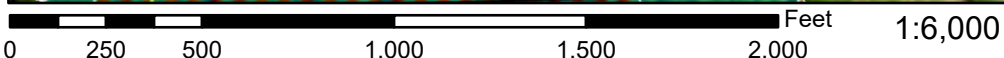
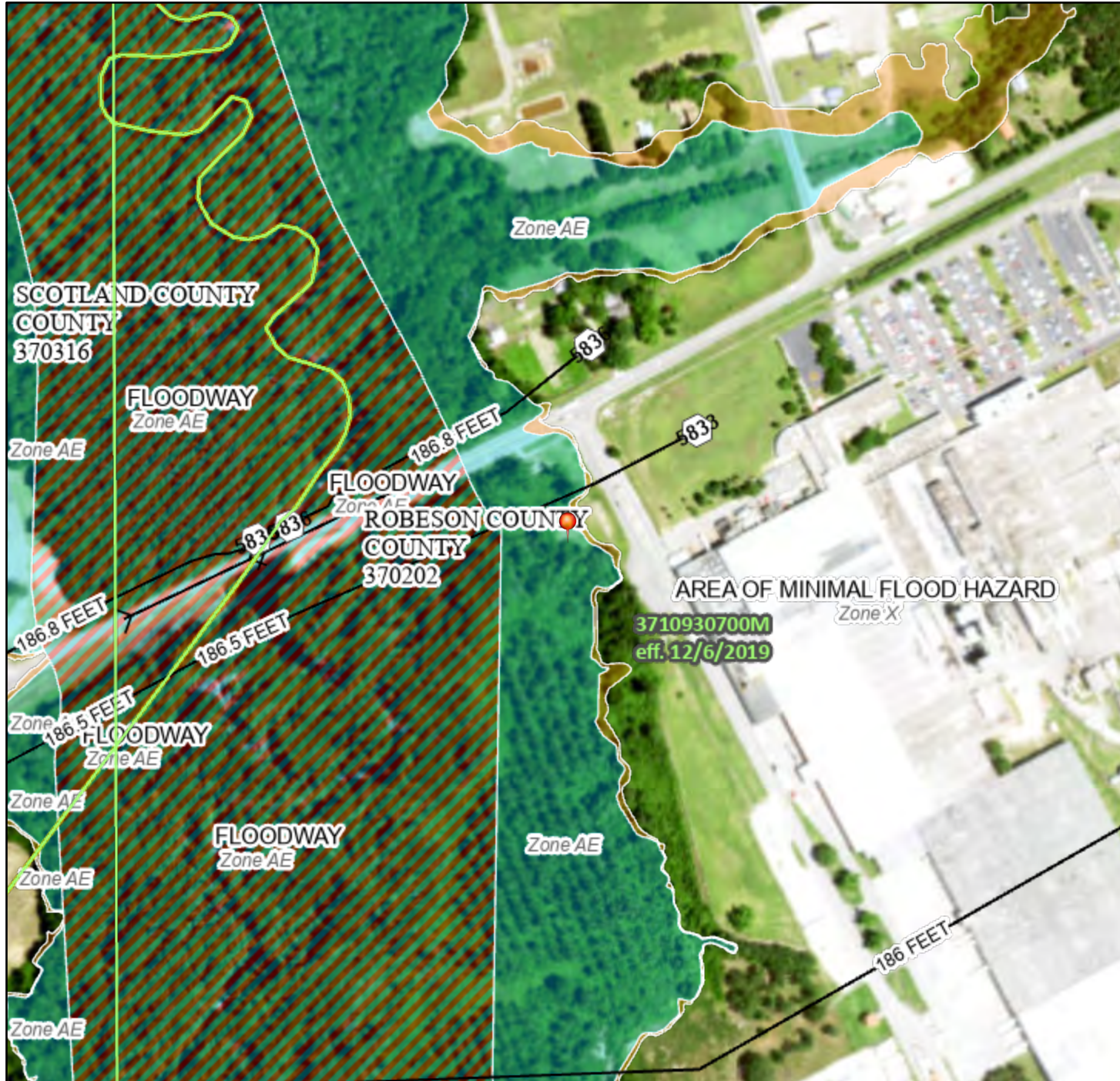
Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364 - FEMA FIRM



National Flood Hazard Layer FIRMMette



79°20'2"W 34°46'38"N



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



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	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
	0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with Average Depth Less Than One Foot or With Drainage Areas of Less Than One Square Mile Zone X
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	National Geodetic Survey bench mark
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	Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
	Coastal Transect
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature
	Limit of Study
OTHER FEATURES	Jurisdiction Boundary

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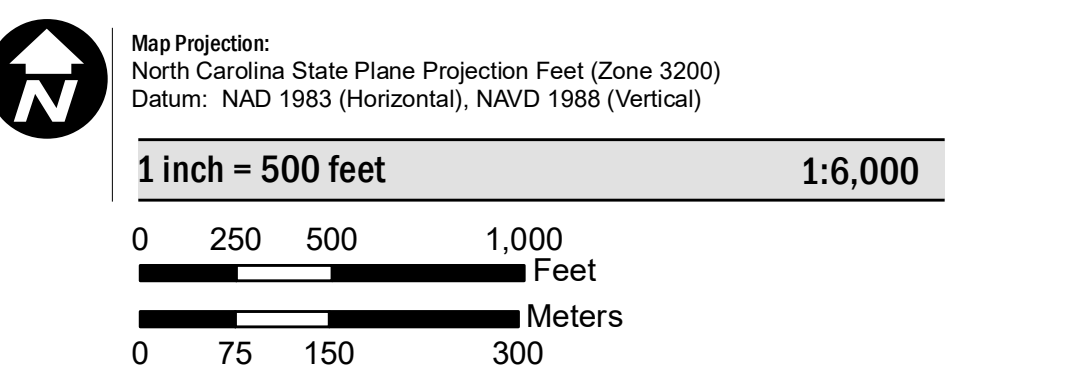
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COASTAL BARRIER RESOURCES SYSTEM (CBRS) NOTE

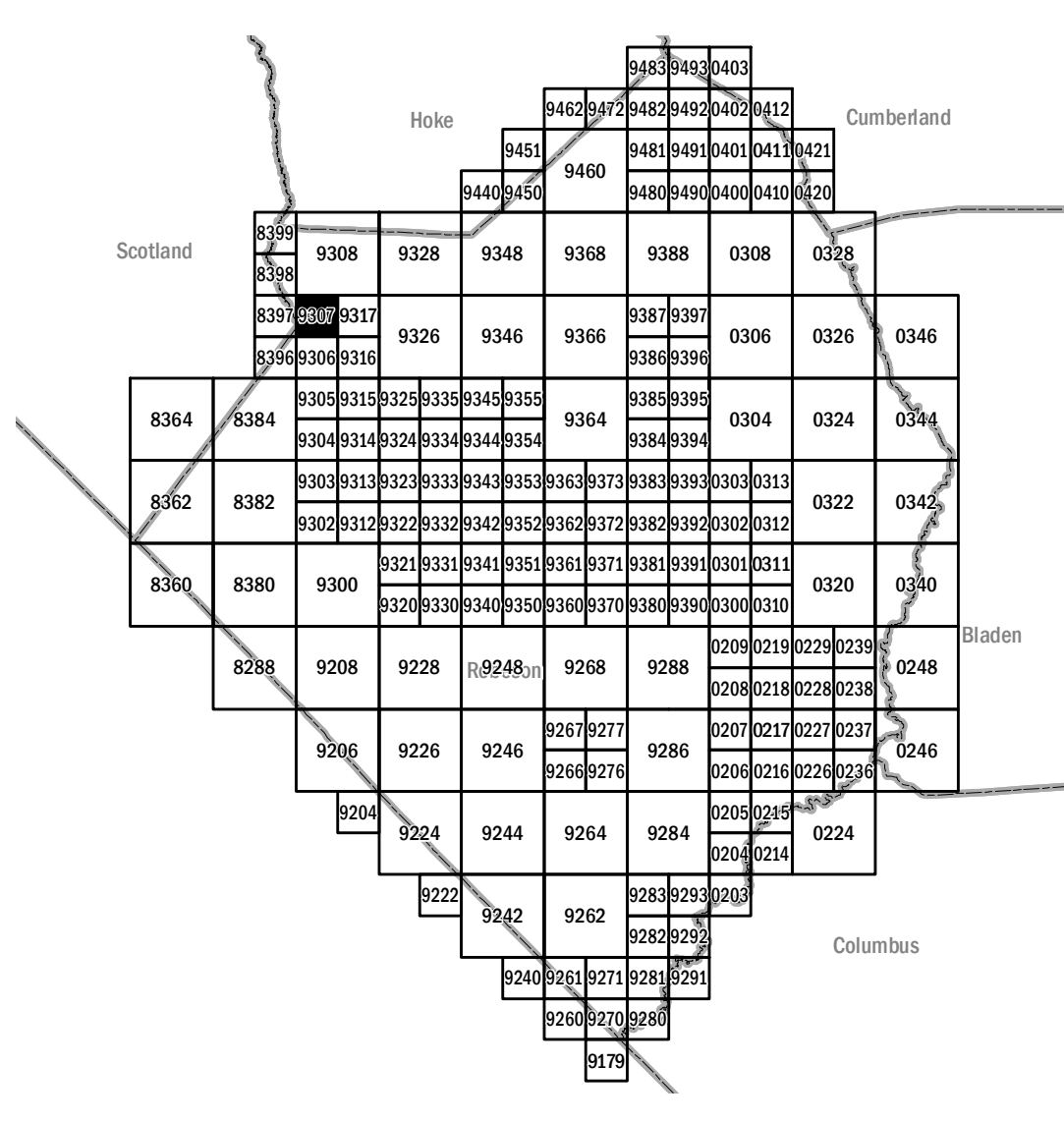
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CBRS Area	Otherwise Protected Area
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SCALE



PANEL LOCATOR



FEDERAL EMERGENCY MANAGEMENT AGENCY

NATIONAL FLOOD INSURANCE PROGRAM

NORTH CAROLINA FLOODPLAIN MAPPING PROGRAM

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

NORTH CAROLINA

PANEL 9307

Panel Contains:

COMMUNITY	CID	PANEL	SUFFIX
ROBESON COUNTY	370202	9307	M
SCOTLAND COUNTY	370316	9307	M

PRELIMINARY
08/29/2014

MAP NUMBER
3710930700M

APPENDIX 2

- **Early Notice and Public Review of a Proposed Activity in Wetlands and 100-Year Floodplain**
- **Affidavit for Publication of Early Notice**
- **Distribution List to Interested Agencies, Groups and Individuals**
- **Early Notice Comments**



North Carolina Department of Public Safety

Office of Recovery and Resiliency

Roy Cooper, Governor
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

EARLY NOTICE AND PUBLIC REVIEW OF A PROPOSED ACTIVITY IN A 100-YEAR FLOODPLAIN

MAXTON SEWER LIFT STATION GENERATORS FOUR EXISTING SEWER LIFT STATIONS IN MAXTON, ROBESON COUNTY, NORTH CAROLINA 28364 JUNE 7, 2023

To: All interested Agencies, Groups and Individuals

This is to give notice that the North Carolina Office of Recovery and Resiliency (NCORR) has received an application from Robeson County to use Community Development Block Grant – Mitigation (CDBG-MIT) funding from the Infrastructure Recovery Program to implement the Town of Maxton Sewer Lift Station Generators (hereinafter, the “Proposed Activity”) and is conducting an evaluation as required by Executive Order 11988 in accordance with U.S. Department of Housing and Urban Development (HUD) regulations (24 CFR Part 55). There are three primary purposes for this notice. First, to provide the public an opportunity to express their concerns and share information about the Proposed Activity, including alternative locations outside of the floodplain. Second, adequate public notice is an important public education tool. The dissemination of information about floodplains facilitates and enhances governmental efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the government determines it will participate in actions taking place in floodplain, it must inform those who may be put at greater or continued risk.

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). Hurricane Matthew caused widespread power outages in Maxton and throughout Robeson County causing functional failures at all eleven sewer lift stations, which resulted in waste back-ups throughout the Town’s sewer system due to the lack of auxiliary power availability at the sewer lift stations. The presence of auxiliary power capability at even four of the lift station sites would have offset the harmful effects of primary power loss; however, the Town did not have generators, either fixed or mobile, available for use, until days following the storm. These four sewer lift stations have been prioritized as sites requiring auxiliary power sources and automatic transfer switching (ATS) capability. The generators will provide auxiliary power at the four sewer lift stations during power outages, such as those experienced during Hurricane Matthew. Providing this critical infrastructure will ensure

Mailing Address:
Post Office Box 110465
Durham, NC 27709



Phone: (984) 833-5350
www.ncdps.gov
www.rebuild.nc.gov

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that sewage treatment may continue in the event of loss of primary power and alleviate severe threats to public welfare during and after future storm events.

The Proposed Activity entails the purchase of four generator packages, including integrated diesel fuel tanks, ATS, wiring connections, electrical panels, mounting pads, and generators and installation at Maxton Sewer Lift Station (SLS) No. 5, at 303 N. Hooper Street; SLS No. 7 at 904 US 74 BUS; SLS No. 10 at 627 NC Highway 71N; and SLS No. 11 at 2074 NC Highway 71N in Maxton, NC 28364. SLS No. 7 is the only site where the existing fence will be extended to accommodate the generator placement. At all sites, generator equipment will be placed on concrete pads above surrounding ground elevation with SLS No. 11 improvements placed at least two feet above base flood elevation (BFE).

The Proposed Activity will result in temporary impacts to 0.03 acres of 100-Year Floodplain and permanent impacts to 0.002 acres of 100-Year Floodplain. These impacts will include site preparation and installation of the ATS adjacent to the new control panel and circuit breaker equipment, 6 feet above-grade, and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2 feet above BFE. The steel frame will be mounted on steel posts, anchored 4 feet below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling. The Proposed Activity will comply with a Floodplain Development Permit and all applicable federal, State and local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. Floodplains are beneficial by providing natural moderation of floods, surface water quality maintenance, groundwater recharge, diverse wildlife habitat, cultural resources (archaeological, historic, and recreational), and agricultural, aquacultural, and forestry resources. The Proposed Activity is occurring at regularly maintained, mowed parcels with fenced-in sewer lift stations. Due to the previous, significant site modification including fill and development for the sewer lift station, there will be minimal impacts on the natural and beneficial functions and values of the 100-Year Floodplain at SLS No. 11. The project activities at SLS No. 11 will not result in additional fill within the 100-Year Floodplain.

Floodplain maps based on the FEMA Flood Insurance Rate Maps (FIRM) and Preliminary FIRMs are available for review at <https://www.rebuild.nc.gov/about/plans-policies-reports/environmental-reviews>. A full description of the Proposed Activity may also be viewed in person, by appointment only, at: NCORR, 200 Park Offices Drive, Durham, NC 27709. Call (984) 833-5350 to make an appointment.

Written comments must be received by NCORR at the following address on or before June 22, 2023: Laura Hogshead, Director, NCORR, ATTN: Maxton Sewer Lift Station Generators, P.O. Box 110465, Durham, NC 27709. Comments may also be submitted by email to publiccomments@rebuild.nc.gov with "ATTN: Maxton Sewer Lift Station Generators Comments" in the subject line.

installed by directional drilling. The Proposed Activity will comply with a Floodplain Development Permit and all applicable federal, State and local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. Floodplains are beneficial by providing natural moderation of floods, surface water quality maintenance, groundwater recharge, diverse wildlife habitat, cultural resources (archaeological, historic, and recreational), and agricultural, aquacultural, and forestry resources. The Proposed Activity is occurring at regularly maintained, mowed parcels with fenced-in sewer lift stations. Due to the previous, significant site modification including fill and development for the sewer lift station, there will be minimal impacts on the natural and beneficial functions and values of the 100-Year Floodplain at SLS No. 11. The project activities at SLS No. 11 will not result in additional fill within the 100-Year Floodplain.

Floodplain maps based on the FEMA Flood Insurance Rate Maps (FIRM) and Preliminary

FIRMs are available for review at

<https://www.rebuild.nc.gov/about/plans-policies-reports/environmental-reviews>.

A full description of the Proposed Activity may also be viewed in person, by appointment only, at: NCORR, 200 Park Offices Drive, Durham, NC 27709. Call (984) 833-5350 to make an appointment.

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EARLY NOTICE FLOODPLAIN DISTRIBUTION LIST

TOWN OF MAXTON SEWER LIFT STATION GENERATORS

**FOUR EXISTING SEWER LIFT STATIONS IN MAXTON, ROBESON COUNTY, NORTH
CAROLINA 28364**

Published in The Robesonian on 6/7/23, comments end 6/22/23

FEDERAL AGENCIES

Agency	Name & Address	Method
HUD NC	Mr. Lenwood E. Smith, II Environmental Protection Specialist Greensboro Field Office U.S. Dept. of Housing and Urban Development 1500 Pinecroft Road, Suite 401 Greensboro, NC 27407-3838	Lenwood.E.Smith@hud.gov
FEMA, Region IV	Ms. Gracia B. Szczech, Regional Administrator U.S. Dept. of Homeland Security FEMA, Region IV 3003 Chamblee Tucker Road Atlanta, GA 30341	FedEx
FEMA ATTN: 11988	<i>Hard copies may also be mailed to</i> Attn: 11990/NEPA Reviewer (EHP) DHS/FEMA RIV 3003 Chamblee Tucker Road Atlanta, GA 30341	FEMA-R4EHP@fema.dhs.gov with the subject line REVIEW REQUEST: 11998/NEPA
US EPA, Region 4	Mr. John Blevins, Acting Regional Administrator U.S. EPA, Region 4 Laboratory Services & Applied Science Div. 980 College Station Road Athens, GA 30605-2720	FedEx
US EPA, Region 4	Ms. Ntale Kajumba, NEPA Coordinator U.S. EPA, Region 4 Laboratory Services & Applied Science Div. 980 College Station Road Athens, GA 30605-2720	Kajumba.ntale@epa.gov
USFWS – Raleigh Field Office	USFWS – Raleigh Field Office ATTN: John Ellis P.O. Box 33726 Raleigh, NC 27636 ph.: 919-856-4520, ext. 26	john_ellis@fws.gov cc: leigh_mann@fws.gov

TRIBES, NATIONS AND COMMUNITIES (who asked to be notified)		
Catawba Indian Nation	Dr. Wenonah George Haire, THPO ATTN: THPO Archaeology Dept. Catawba Indian Nation 1536 Tom Steven Road Rock Hill, SC 29730	Does not want Notice
Catawba Indian Nation	Chief Bill Harris Catawba Indian Nation 996 Avenue of the Nations Rock Hill, SC 29730	Does not want Notice
NC STATE AGENCIES		
STATE CLEARINGHOUSE	Ms. Crystal Best North Carolina Department of Administration State Environmental Review Clearinghouse 1301 Mail Service Center Raleigh, North Carolina 27699-1301	State.Clearinghouse@doa.nc.gov crystal.best@doa.nc.gov
LOCAL AGENCIES		
COUNTY	Kellie Blue County Manager Robeson County. NC 550 North Chestnut Street Lumberton, NC 28358 Phone: 910-671-3022	kellie.blue@co.robeson.nc.us
COUNTY	Tammy Freeman Clerk to the Board Robeson County. NC 550 North Chestnut Street Lumberton, NC 28358 Phone: 910-671-3022	tammy.freeman@co.robeson.nc.us
COUNTY	Myron Neville Director of Public Works Robeson County. NC Phone: 910-671-3488	myron.neville@co.robeson.nc.us
COUNTY	Jan Maynor	jmaynor2@nc.rr.com
TOWN	Mayor Paul G. Davis Town of Maxton Post Office Box 99 Maxton, NC 28364 Phone: (910) 844-5231	mayor@ci.maxton.nc.us
	City Clerk Town of Maxton	

TOWN	Post Office Box 99 Maxton, NC 28364 Phone: (910) 844-5231	clerk@ci.maxton.nc.us
-------------	---	--

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:03 AM
To: Smith, Lenwood E
Subject: Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

Sincerely,

Andrea

Andrea Gievers, JD, MSEL, ERM
Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:04 AM
To: FEMA-R4EHP@fema.dhs.gov
Subject: REVIEW REQUEST: 11998/NEPA - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

Sincerely,

Andrea

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Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:06 AM
To: Kajumba, Ntale
Subject: Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. A hard copy has also been sent to Mr. Blevins. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

Sincerely,

Andrea

Andrea Gievers, JD, MSEL, ERM
Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:07 AM
To: john_ellis@fws.gov
Cc: Mann, Leigh
Subject: Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

Sincerely,

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Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:08 AM
To: State Clearinghouse
Cc: Best, Crystal
Subject: Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

Sincerely,

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Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:09 AM
To: Blue; Kellie
Subject: Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

Sincerely,

Andrea

Andrea Gievers, JD, MSEL, ERM
Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:10 AM
To: tammy.freeman@co.robeson.nc.us
Subject: Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

Sincerely,

Andrea

Andrea Gievers, JD, MSEL, ERM
Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:12 AM
To: myron.neville@co.robeson.nc.us
Subject: Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

Sincerely,

Andrea

Andrea Gievers, JD, MSEL, ERM
Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:13 AM
To: Jan Maynor
Subject: Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

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Andrea Gievers, JD, MSEL, ERM
Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:13 AM
To: mayor@ci.maxton.nc.us
Subject: Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

Sincerely,

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Andrea Gievers, JD, MSEL, ERM
Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, June 7, 2023 11:14 AM
To: clerk@ci.maxton.nc.us
Subject: Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators
Attachments: NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

Sincerely,

Andrea

Andrea Gievers, JD, MSEL, ERM
Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

1 From *Please print and press hard.*
Date **6/7/23** Sender's FedEx Account Number **8950-9899-0**

Sender's Name **Andrea Gievers** Phone **(845) 682-1700**

Company **NCORR**

Address **123 Kings Hill Road** Dept./Floor/Suite/Room _____
City **Walden** State **NY** ZIP **12586**

2 Your Internal Billing Reference **Maxton EN**
First 24 characters will appear on invoice.

3 To
Recipient's Name **Mr. John Blevins** Phone () _____
Company **USEPA, Region 4**

Address **980 College Station Road** Dept./Floor/Suite/Room _____
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address _____
Use this line for the HOLD location address or for continuation of your shipping address.

City **Athens** State **GA** ZIP **30605-2720**

4 Express Package Service * To most locations.
NOTE: Service order has changed. Please select carefully. Packages up to 150 lbs. For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
<input type="checkbox"/> FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.	<input type="checkbox"/> FedEx 2Day A.M. Second business morning.* Saturday Delivery NOT available.
<input type="checkbox"/> FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.	<input checked="" type="checkbox"/> FedEx 2Day Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
<input type="checkbox"/> FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.	<input type="checkbox"/> FedEx Express Saver Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit \$500.

FedEx Envelope* FedEx Pak* FedEx Box FedEx Tube Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required
Package may be left without obtaining a signature for delivery.

Direct Signature
Someone at recipient's address may sign for delivery. *Fee applies.*

Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?
One box must be checked.

No Yes As per attached Shipper's Declaration. Yes Shipper's Declaration not required. Dry Ice Dry ice, 9 UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box. Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Sender Acct. No. in Section 1 will be billed. Recipient Third Party Credit Card Cash/Check

FedEx Acct. No. _____ Exp. Date _____
Credit Card No. _____

Total Packages _____ Total Weight _____ Total Declared Value* _____
_____ lbs. \$ _____ .00

! **Easy new Peel-and-Stick airbill. No pouch needed.**
Apply airbill directly to your package. See directions on back.

Our liability is limited to US\$100 unless you declare a higher value. See back for details. By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability. **644**

Rev. Date 1/12 • Part #167002 • ©2012 FedEx • PRINTED IN U.S.A. SRF

FedEx *NEW Package*
Express *US Airbill*

FedEx Tracking Number **8050 4421 7471**

1 From *Please print and press hard.*
Date **6/7/23** Sender's FedEx Account Number **8950-9899-0**

Sender's Name **Andrea Gievers** Phone **(845) 682-1700**

Company **NCORR**

Address **123 Kings Hill Road** Dept./Floor/Suite/Room _____
City **Walden** State **NY** ZIP **12586**

2 Your Internal Billing Reference **Maxton EN**
First 24 characters will appear on invoice.

3 To
Recipient's Name **Ms. Gracia B. Szezech** Phone () _____
Company **FEMA, Region 4**

Address **3003 Chamblee Tucker Road** Dept./Floor/Suite/Room _____
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address _____
Use this line for the HOLD location address or for continuation of your shipping address.

City **Atlanta** State **GA** ZIP **30341**

Form ID No. **0200** **Sender's Copy**

4 Express Package Service * To most locations.
NOTE: Service order has changed. Please select carefully. Packages up to 150 lbs. For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
<input type="checkbox"/> FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.	<input type="checkbox"/> FedEx 2Day A.M. Second business morning.* Saturday Delivery NOT available.
<input type="checkbox"/> FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.	<input checked="" type="checkbox"/> FedEx 2Day Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
<input type="checkbox"/> FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.	<input type="checkbox"/> FedEx Express Saver Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit \$500.

FedEx Envelope* FedEx Pak* FedEx Box FedEx Tube Other

6 Special Handling and Delivery Signature Options

SATURDAY Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required
Package may be left without obtaining a signature for delivery.

Direct Signature
Someone at recipient's address may sign for delivery. *Fee applies.*

Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?
One box must be checked.

No Yes As per attached Shipper's Declaration. Yes Shipper's Declaration not required. Dry Ice Dry ice, 9 UN 1845 _____ x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box. Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Sender Acct. No. in Section 1 will be billed. Recipient Third Party Credit Card Cash/Check

FedEx Acct. No. _____ Exp. Date _____
Credit Card No. _____

Total Packages _____ Total Weight _____ Total Declared Value* _____
_____ lbs. \$ _____ .00

! **Easy new Peel-and-Stick airbill. No pouch needed.**
Apply airbill directly to your package. See directions on back.

Our liability is limited to US\$100 unless you declare a higher value. See back for details. By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability. **644**

APPENDIX 3

- **Combined FONSI/NOI-RROF/ Final Notice and Public Explanation of a Proposed Activity in a 100-year Floodplain and Wetland**
- **Affidavit for Publication of Final Notice *(to be added)***
- **Distribution List to Interested Agencies, Groups and Individuals**
- **Final Notice Comments and Response *(to be added)***



North Carolina Department of Public Safety

Office of Recovery and Resiliency

Roy Cooper, Governor
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

PUBLIC NOTICE

COMBINED NOTICE OF FINDING OF NO SIGNIFICANT IMPACT (FONSI), NOTICE OF INTENT TO REQUEST RELEASE OF FUNDS (NOI-RROF), AND FINAL NOTICE AND PUBLIC EXPLANATION OF A PROPOSED ACTIVITY IN A 100-YEAR FLOODPLAIN

MAXTON SEWER LIFT STATION GENERATORS FOUR EXISTING SEWER LIFT STATIONS IN MAXTON, ROBESON COUNTY, NORTH CAROLINA 28364

July 1, 2023

To: All interested Agencies, Groups and Individuals

Name of Responsible Entity and Recipient: North Carolina Office of Recovery and Resiliency (NCORR), P.O. Box 110465, Durham, NC 27709. Contact: Director Laura Hogshead (984) 833-5350.

Pursuant to 24 CFR 58.43, this combined notice of Finding of No Significant Impact (FONSI), Notice of Intent to Request Release of Funds (NOI-RROF), and Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain satisfies three separate procedural requirements for project activities proposed to be undertaken by NCORR.

Project Description: NCORR is responsible for the direct administration of the United States Department of Housing and Urban Development (HUD) Community Development Block Grant – Mitigation (CDBG-MIT) program in North Carolina. NCORR proposes to provide CDBG-MIT funding of \$688,600.00 from the Infrastructure Recovery Program to implement the Town of Maxton Sewer Lift Station Generators project (“Proposed Activity”). The Proposed Activity entails the purchase of four generator packages, including integrated diesel fuel tanks, automatic transfer switching (ATS), wiring connections, electrical panels, mounting pads, and generators and installation at four existing sewer lift stations (SLS) in Maxton. The Proposed Activity is anticipated to have a total cost of \$688,600.00. Maxton SLS No. 5 is a 0.41-acre parcel located at 303 N. Hooper Street, Maxton, NC 28364. Maxton SLS No. 7 is a 0.33-acre parcel located at 904 US 74 BUS, Maxton, NC 28364. Maxton SLS No. 10 is a 0.47 acre-parcel located at 627 NC Highway 71N, Maxton, NC 28364. Maxton SLS No. 11 is a 1.43-acre parcel located at 2074 NC

Mailing Address:
Post Office Box 110465
Durham, NC 27709



Phone: (984) 833-5350
www.ncdps.gov
www.rebuild.nc.gov

An Equal Opportunity Employer

Highway 71N, Maxton, NC 28364. SLS No. 7 is the only site where the existing fence will be extended to accommodate the generator placement. At all sites, generator equipment will be placed on concrete pads above surrounding ground elevation with SLS No. 11 improvements placed at least two feet above base flood elevation (BFE).

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). Hurricane Matthew caused widespread power outages in Maxton and throughout Robeson County causing functional failures at all eleven sewer lift stations, which resulted in waste backups throughout the Town's sewer system due to the lack of auxiliary power availability at the sewer lift stations. The presence of auxiliary power capability at even four of the lift station sites would have offset the harmful effects of primary power loss; however, the Town did not have generators, either fixed or mobile, available for use, until days following the storm. These four sewer lift stations have been prioritized as sites requiring auxiliary power sources and ATS capability. The generators will provide auxiliary power at the four sewer lift stations during power outages, such as those experienced during Hurricane Matthew. Providing this critical infrastructure will ensure that sewage treatment may continue in the event of loss of primary power and alleviate severe threats to public welfare during and after future storm events.

PUBLIC EXPLANATION OF A PROPOSED ACTIVITY IN A 100-YEAR FLOODPLAIN

NCORR has conducted an evaluation as required by EO 11988, in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplain Management and Protection of Wetlands. The Proposed Activity will result in temporary impacts to 0.03 acres of 100-Year Floodplain and permanent impacts to 0.002 acres of 100-Year Floodplain (Zone AE). These impacts will include site preparation and installation of the ATS adjacent to the new control panel and circuit breaker equipment, 6 feet above-grade, and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2 feet above BFE. The steel frame will be mounted on steel posts, anchored 4 feet below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling.

NCORR has considered the alternatives and mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial values. The Proposed Activity must be performed at the existing sewer lift stations, and project designs have been completed in accordance with agency input to minimize impacts to the floodplain, environment and community. Native plants will be used in site restoration. The Proposed Activity will comply with a Floodplain Development Permit and all applicable federal, State and local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. The main alternative is the "No Action" Alternative which is not considered feasible since the Town of Maxton would continue to experience sewage backflows and lack of sewage treatment capacity in the Town's WWTP's service area during storm events. Floodplains are beneficial by providing natural moderation of floods, surface water quality maintenance, groundwater recharge, diverse wildlife habitat, cultural resources (archaeological, historic, and recreational), and agricultural, aquacultural, and forestry resources. The Proposed Activity is occurring at regularly maintained,

mowed parcels with fenced-in sewer lift stations. Due to the previous, significant site modification including fill and development for the sewer lift station, there will be minimal impacts on the natural and beneficial functions and values of the 100-Year Floodplain at SLS No. 11. The SLS No. 11 site contains approximately 1.23 acres of 100-Year Floodplain and project activities will not result in additional fill within the 100-Year Floodplain. Overall, the functions and values associated with the impacted floodplain are limited due to site conditions (previous site modification, regular site maintenance, fencing) and the small area impacted. Thus, the Proposed Activity and site locations are the most suitable, feasible options selected by the Town of Maxton to protect its residents and community during future storm events.

Since the proposed action will modify floodplain, EO 11988 requires that the Proposed Activity not be supported if there are practicable alternatives to floodplain impacts. NCORR has reevaluated the alternatives to modification of floodplain, and has determined that it has no practicable alternative. The 8-step process has been documented in the EO 11988 Floodplain Management Determination which is available for viewing and copying as described below in Public Review.

There are three primary purposes for this notice. First, people who may be affected by activities in floodplains and those who have an interest in the protection of the natural environment are given an opportunity to express their concerns and provide information about these areas. Second, adequate public notice is an important public education tool. The dissemination of information and request for public comment about floodplains can facilitate and enhance federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the federal government determines it will participate in actions taking place in floodplains, it must inform those who may be put at greater or continued risk.

FINDING OF NO SIGNIFICANT IMPACT

An Environmental Assessment (EA) for the Proposed Activity has been prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) and HUD environmental review regulations at 24 CFR Part 58. The EA is incorporated by reference into this FONSI. Subject to public comments, no further review of the Proposed Activity is anticipated. NCORR has determined that the EA for the project identified herein complies with the requirements of HUD environmental review regulations at 24 CFR Part 58. NCORR has determined that the Proposed Activity will have no significant impact on the human environment and, therefore, does not require the preparation of an environmental impact statement under NEPA.

Public Review: Public viewing of the EA (environmental review record) and EO 11988 Floodplain Management Determination is available online at <https://www.rebuild.nc.gov/about/plans-policies-reports/environmental-reviews>. Documents may also be viewed in person by appointment only at: NCORR, 200 Park Offices Drive, Durham, NC 27709. Call (984) 833-5350 to make an appointment.

Further information may be requested by writing to the above address, emailing publiccomments@rebuild.nc.gov or calling (984) 833-5350. This combined notice is being sent to individuals and groups known to be interested in these activities, local news media, appropriate local, state and federal agencies, the regional office of the U.S. Environmental Protection Agency

having jurisdiction, and the HUD Field Office, and is being published in a newspaper of general circulation in the affected community.

Public Comments on the Proposed Activity within Floodplain, FONSI and/or NOIRROF:

Any individual, group or agency may submit written comments on the Proposed Activity. The public is hereby advised to specify in their comments which “notice” their comments address. Comments should be submitted via email, in the proper format, on or before July 17, 2023 at publiccomments@rebuild.nc.gov. Written comments may also be submitted by mail, in the proper format, to be received on or before July 17, 2023, and addressed to: Laura Hogshead, Director, NCORR, ATTN: Maxton Sewer Lift Station Generators, P.O. Box 110465, Durham, NC 27709. All comments must be received on or before July 17, 2023 or they will not be considered. If modifications result from public comment, these will be made prior to proceeding with the submission of a request for release of funds.

REQUEST FOR RELEASE OF FUNDS AND CERTIFICATION

On or after July 18, 2023, the NCORR certifying officer will submit a request and certification to HUD for the release of CDBG-MIT funds as authorized by related laws and policies for the purpose of implementing this part of the North Carolina CDBG-MIT program.

NCORR certifies to HUD that Laura Hogshead, in her capacity as Certifying Officer, consents to accept the jurisdiction of the U.S. federal courts if an action is brought to enforce responsibilities in relation to the environmental review process and that these responsibilities have been satisfied. HUD’s approval of the certification satisfies its responsibilities under NEPA and related laws and authorities, and allows NCORR to use CDBG-MIT program funds.

Objection to Release of Funds: HUD will accept objections to its release of funds and NCORR’s certification for a period of fifteen days following the anticipated submission date or its actual receipt of the request (whichever is later). Potential objectors may contact HUD or the NCORR Certifying Officer to verify the actual last day of the objection period.

The only permissible grounds for objections claiming a responsible entity’s non-compliance with 24 CFR Part 58 are: (a) Certification was not executed by NCORR’s Certifying Officer; (b) the responsible entity has omitted a step or failed to make a decision or finding required by HUD regulations at 24 CFR Part 58; (c) the grant recipient or other participants in the development process have committed funds, incurred costs or undertaken activities not authorized by 24 CFR Part 58 before HUD’s release of funds and approval of environmental certification; or (d) another federal agency acting pursuant to 40 CFR Part 1504 has submitted a written finding that the project is unsatisfactory from the standpoint of environmental quality.

Objections must be prepared and submitted in accordance with the required procedures (24 CFR 58.76) and shall be addressed to Tennille Smith Parker, Director, Disaster Recovery and Special Issues Division, Office of Block Grant Assistance, U.S. Department of Housing & Urban Development, 451 7th Street SW, Washington, DC 20410, Phone: (202) 402-4649, or emailed to disaster_recovery@hud.gov.

Laura Hogshead

Certifying Officer
July 1, 2023

FONSI/NOI-RROF/FINAL NOTICE FLOODPLAIN DISTRIBUTION LIST

TOWN OF MAXTON SEWER LIFT STATION GENERATORS

**FOUR EXISTING SEWER LIFT STATIONS IN MAXTON, ROBESON COUNTY, NORTH
CAROLINA 28364**

Published in The Robesonian on 7/1/23, comments end 7/17/23

FEDERAL AGENCIES

Agency	Name & Address	Method
HUD NC	Mr. Lenwood E. Smith, II Environmental Protection Specialist Greensboro Field Office U.S. Dept. of Housing and Urban Development 1500 Pinecroft Road, Suite 401 Greensboro, NC 27407-3838	Lenwood.E.Smith@hud.gov
FEMA, Region IV	Ms. Gracia B. Szczech, Regional Administrator U.S. Dept. of Homeland Security FEMA, Region IV 3003 Chamblee Tucker Road Atlanta, GA 30341	FedEx
FEMA ATTN: 11988	<i>Hard copies may also be mailed to</i> Attn: 11990/NEPA Reviewer (EHP) DHS/FEMA RIV 3003 Chamblee Tucker Road Atlanta, GA 30341	FEMA-R4EHP@fema.dhs.gov with the subject line REVIEW REQUEST: 11998/NEPA
US EPA, Region 4	Mr. John Blevins, Acting Regional Administrator U.S. EPA, Region 4 Laboratory Services & Applied Science Div. 980 College Station Road Athens, GA 30605-2720	FedEx
US EPA, Region 4	Ms. Ntale Kajumba, NEPA Coordinator U.S. EPA, Region 4 Laboratory Services & Applied Science Div. 980 College Station Road Athens, GA 30605-2720	Kajumba.ntale@epa.gov
USFWS – Raleigh Field Office	USFWS – Raleigh Field Office ATTN: John Ellis P.O. Box 33726 Raleigh, NC 27636 ph.: 919-856-4520, ext. 26	john_ellis@fws.gov cc: leigh_mann@fws.gov

TRIBES, NATIONS AND COMMUNITIES (who asked to be notified)		
Catawba Indian Nation	Dr. Wenonah George Haire, THPO ATTN: THPO Archaeology Dept. Catawba Indian Nation 1536 Tom Steven Road Rock Hill, SC 29730	Does not want Notice
Catawba Indian Nation	Chief Bill Harris Catawba Indian Nation 996 Avenue of the Nations Rock Hill, SC 29730	Does not want Notice
NC STATE AGENCIES		
STATE CLEARINGHOUSE	Ms. Crystal Best North Carolina Department of Administration State Environmental Review Clearinghouse 1301 Mail Service Center Raleigh, North Carolina 27699-1301	State.Clearinghouse@doa.nc.gov crystal.best@doa.nc.gov
LOCAL AGENCIES		
COUNTY	Kellie Blue County Manager Robeson County. NC 550 North Chestnut Street Lumberton, NC 28358 Phone: 910-671-3022	kellie.blue@co.robeson.nc.us
COUNTY	Tammy Freeman Clerk to the Board Robeson County. NC 550 North Chestnut Street Lumberton, NC 28358 Phone: 910-671-3022	tammy.freeman@co.robeson.nc.us
COUNTY	Myron Neville Director of Public Works Robeson County. NC Phone: 910-671-3488	myron.neville@co.robeson.nc.us
COUNTY	Jan Maynor	jmaynor2@nc.rr.com
TOWN	Mayor Paul G. Davis Town of Maxton Post Office Box 99 Maxton, NC 28364 Phone: (910) 844-5231	mayor@ci.maxton.nc.us
	City Clerk Town of Maxton	

TOWN	Post Office Box 99 Maxton, NC 28364 Phone: (910) 844-5231	clerk@ci.maxton.nc.us
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