



Town of Beaufort, NC
701 Front St. - P.O. Box 390 - Beaufort, N.C. 28516
252-728-2141 - 252-728-3982 fax - www.beaufortnc.org

Board of Commissioners
Regular Meeting Minutes
6:00 PM Monday, May 11, 2026
Train Depot, 614 Broad Street

Call to Order/Pledge of Allegiance

Mayor Harker called the meeting to order at 6:00 PM and led the Pledge of Allegiance.

Roll Call

Elizabeth Lewis, Town Clerk, called the roll.

PRESENT:

Mayor Sharon Harker
Mayor Pro Tem Gillikin
Commissioner Spiegler
Commissioner Matthews
Commissioner Cooper
Commissioner LoPiccolo

ABSENT: None

Agenda Approval

Prior to calling for a motion, Mayor Harker announced an addition to the agenda. She explained the purpose of amending the agenda was to add a closed session for attorney-client privilege pursuant to North Carolina General Statute 143-318.11(a)(3).

Commissioner Gillikin made a motion to approve the amended agenda.

The motion carried unanimously with a (5-0) vote.

Welcome New Employees

1. Matthew Pendergraph, Fire Chief

Town Manager Matt Zapp introduced Matthew Pendergraph as the Town of Beaufort's new Fire Chief. Manager Zapp noted Chief Pendergraph brings 27 years of fire service experience, including service as a Battalion Chief overseeing multiple stations and nearly 100 personnel. Chief Pendergraph addressed the Board and expressed his appreciation for the warm welcome from staff and the community.

2. Griff Barlow, Public Information Specialist

Assistant Town Manager Elizabeth Lewis introduced Griff Barlow as the Town's new Public Information Specialist. Ms. Lewis shared that Mr. Barlow recently graduated from North Carolina State University with a degree in Communications and will oversee the Town's social media, website, and community information efforts. Mr. Barlow thanked the Mayor and Board for the opportunity and expressed his excitement to join the Beaufort community.

Items of Consent

1. Meeting Minutes: April 13 & 27, 2026
2. Seafood Festival 8K Road Race Application 10.03.26
3. Beaufort Lions Club Bridge Run Application 11.07.26

Commissioner Gillikin made a motion to approve the Items of Consent as presented.

The motion carried unanimously with a (5-0) vote.

Presentations

1. Results of Lynn Eury Park Community Input Sessions

Parks and Recreation staff member Jen Welborn presented the results of the community input sessions for the Lynn Eury Park improvement project. Ms. Welborn explained that two public input sessions were held at the Beaufort Train Depot, additional feedback opportunities were provided at Town Hall, and several email submissions were received. Approximately 40 individuals participated, resulting in 76 categorized comments and suggestions related to park amenities and design features.

Ms. Welborn presented the unanimous recommendations of the Parks and Recreation Advisory Board following its May 7, 2026, meeting. Recommendations included installation of a combination of backed and backless benches, ADA-compliant and standard tables, permeable brick pathways with nautical-themed embossed bricks, a water spigot on the east side of the park for landscaping purposes, and potential consideration of a water fountain with a dog watering station. The Parks and Recreation Advisory Board also recommended preserving open sight lines within the park, removing the existing concrete slabs, and avoiding additional shade structures, sculptures, or children's climbing equipment. Additional concepts discussed included incorporating historical information through a QR code feature and completing the project as efficiently as possible.

Commissioner Spiegler requested clarification regarding public feedback related to shade options and trees within the park.

Ms. Welborn explained that the Parks and Recreation Advisory Board considered those comments alongside HOA restrictions on the property and the desire to maintain open views.

Town Manager Matt Zapp further explained existing easement and property restrictions associated with the original donation of the property and its intended use as an open event and community space.

Commissioner Cooper discussed the possibility of incorporating a small children's feature within the park and suggested adjustments to the proposed bench configuration. He also raised questions regarding the proposed water fountain feature.

Commissioner Gillikin expressed support for the Parks and Recreation Advisory Board's recommendations, particularly the use of backless benches to support the park's intended function as an open event space. She suggested that any future children's feature may be more appropriate for Grayden Paul Park.

Commissioner LoPiccolo requested clarification regarding the location of the HOA access easement.

Town staff provided an overview of the easement area and explained that surrounding property owners had previously been notified to ensure proposed improvements would not obstruct access.

Commissioner Matthews expressed appreciation for the project and the efforts of the Parks and Recreation Advisory Board.

Following discussion, Mayor Harker confirmed the Board's consensus direction to return the project to the Parks and Recreation Advisory Board with guidance to explore modified bench configurations in conjunction with the Beaufort Community Foundation. Mayor Harker also noted support for considering Commissioner Gillikin's suggestion of a nautical-themed feature for children at Grayden Paul Park and otherwise proceeding generally in accordance with the Parks and Recreation Advisory Board's recommendations.

Commissioner Cooper made a motion to direct the Parks and Recreation Advisory Board to proceed with the Lynn Eury Park improvements consistent with its recommendations, incorporating Commissioner feedback regarding bench configurations and exploration of a child-friendly nautical feature, such as a small boat, at Grayden Paul Park.

The motion carried unanimously with a (5-0) vote.

2. Proposed FY 2027 Budget

Town Manager Matt Zapp presented the proposed Fiscal Year 2027 budget and stated the budget reflected one of the strongest overall budget proposals developed by the Town in recent years. Mr. Zapp recognized the efforts of Town staff across all departments and noted the budget was developed based upon the Board's goals established during its planning retreat earlier in the year.

Mr. Zapp explained the proposed budget maintains or improves public services while also including a proposed reduction in the tax rate from 28.84 cents to 28.75 cents per \$100 valuation. He noted this would represent the second consecutive tax rate reduction following the previous year's reduction associated with the countywide property revaluation. Mr. Zapp further stated the reduction was particularly significant given continued inflationary pressures reflected in the Southeast Consumer Price Index.

Mr. Zapp reviewed the Town's water and sewer utility operations and discussed more than \$31 million in capital investments related to aging water lines, sewer infrastructure, and stormwater improvements. He explained that although the Town secured long-term financing at favorable interest rates, annual debt service obligations within the utility fund had increased significantly. Mr. Zapp shared that staff and several Commissioners had conducted an extensive operational and financial review process that reduced a projected utility fund shortfall from more than \$400,000 to approximately \$97,000 through efficiencies and cost-saving measures.

Mr. Zapp presented proposed utility rate adjustments consisting of a \$1.00 monthly increase for in-city water service and a \$1.00 monthly increase for in-city sewer service. Corresponding increases for out-of-city customers were proposed at \$2.00 per service. Mr. Zapp noted the proposed adjustments would help support ongoing infrastructure investments while minimizing impacts to utility customers. He also recognized Utilities Director Donovan Willis and utility staff for identifying operational efficiencies that reduced the need for additional staffing.

Mr. Zapp reviewed proposed capital equipment and vehicle replacements included within the budget, including replacement of public works equipment, police vehicles, and aging fleet assets. He also highlighted implementation of the Police Department's bike patrol program through grant funding.

Mr. Zapp discussed the creation of Fund 14, the Beaufort Town Docks Waterfront Fund, which would transition waterfront operations from a lease-based model to direct Town management. He stated the new fund was projected at approximately \$4.2 to \$4.3 million in annual activity and was anticipated to significantly increase waterfront-related revenues compared to prior years. Mr. Zapp also noted the proposed budget included a 3 percent cost-of-living adjustment for full-time employees.

Mr. Zapp reviewed the overall proposed budget totals across all funds, including the General Fund, Utility Fund, Waterfront Fund, Stormwater Fund, and System Development Fee Fund. He noted the Town's projected unassigned fund balance remained substantially above the Town's adopted minimum policy threshold, reflecting continued fiscal stability and responsible financial management practices.

Mr. Zapp also presented recommended mid-year FY2026 rate adjustments for the Beaufort Town Docks as recommended by the Beaufort Waterfront Operations Finance (BWOF) Committee during its May 8, 2026. meeting. Proposed adjustments included revised transient dockage rates based upon actual vessel length, updated pricing structures for tee head and non-tee head slips, and implementation of a fuel discount program for qualifying fuel purchases. He noted this would exclude the two week period of the Big Rock Fishing Tournament.

Mr. Zapp explained the intent of the adjustments was to improve competitiveness with neighboring marinas and encourage increased transient boating activity within downtown Beaufort. He further noted representatives from F3 Marina participated in the BWOF committee discussions and expressed no objection to the proposed adjustments. These recommendations are recapped below:

BWOF Proposed Recommendations
(Effective May 12 through June 30, 2026)

- *Pricing to be based on the actual length of the vessel*
- *\$1.95 – \$5.75 per foot, per night, for any vessel not located on the T-head*
- *\$4.50 – \$7.95 per foot, per night, for any vessel located on the T-head*
- *Catamarans located inside of D Dock to pay for two slips: \$2.75 – \$5.75 per foot, per night, multiplied by two*
- *Fuel discount structure:*
 - *500–999 gallons = \$0.05 per gallon discount*
 - *1,000+ gallons = \$0.10 per gallon discount*

These recommendations exclude the period of June 1 – 15, 2026, as F3 Marina has Big Rock Pricing and reservations on file.

Commissioner Cooper expressed appreciation to Mr. Zapp for his leadership throughout the budget development process and stated his overall support for the proposed budget and related recommendations.

Commissioner Matthews asked if the proposed FY 27 fee schedule was going to mirror the revised rates.

Mr. Zapp shared that would be a point of topic at the upcoming June 4, 2026, BWOF meeting.

Commissioner LoPiccolo thanked Town staff and members of the Beaufort Waterfront Operations Finance Committee for their work related to the waterfront rate analysis. He suggested that previous dockage rates may have negatively impacted competitiveness and supported efforts to attract additional transient boating activity back to Beaufort. He encouraged continued marketing and outreach efforts through the Town's website and social media platforms and suggested consideration of additional incentives or promotional opportunities in the future.

Commissioner Spiegler expressed appreciation to the BWO Committee and F3 Marina for their collaboration during the transition of waterfront operations. Commissioner Spiegler acknowledged the challenges associated with establishing revised rates and operational strategies during the Town's first year of direct waterfront management.

Commissioner Matthews expressed appreciation for the detailed utility rate review process and supported the conservative financial approach reflected in the proposed budget. Commissioner Matthews also discussed the potential for establishing a smaller budget review group in future years to evaluate baseline expenditures and departmental requests earlier in the budget development process using a zero-based budgeting approach.

Commissioner Gillikin thanked department heads and Town staff for their efforts throughout the budget process and acknowledged the difficult decisions involved in balancing departmental needs with the Town's overall financial goals and priorities.

Mr. Zapp recognized Finance Director Christi Wood for her extensive work and dedication throughout preparation of the proposed budget. Mr. Zapp also reaffirmed the Town's continued use of zero-based budgeting principles and stated staff identified more than \$250,000 in savings through competitive procurement efforts and line-item review. He reminded the public that the Proposed FY 27 Budget would be available online or at Town Hall for review.

The Board discussed the need for the upcoming budget workshop meetings, scheduled for May 14 and May 20, 2026

Commissioner Gillikin made a motion to hold only the May 14, 2026, Budget Workshop Meeting at 4:00 PM instead of the May 20, 2026, Budget Workshop Meeting at 6:00 PM.

Voting Yea: Commissioner Cooper, Commissioner Gillikin, Commissioner Spiegler

Voting Nay: Commissioner Matthews, Commissioner LoPiccolo

The motion carried with a (3-2) vote.

Commissioner Matthews made a motion to approve the Beaufort Waterfront Operations Finance Committee's recommended dock rate adjustments effective May 12, 2026, as presented by the Town Manager.

The motion carried unanimously with a (5-0) vote.

Quasi-Judicial Proceeding

1. Case #26-06 Special Use Permit: Minuteman Gas Station 110 Towns Drive

Mayor Harker asked for a motion to open the evidentiary hearing for Case #26-06.

Commissioner Cooper made a motion to open the evidentiary hearing.

The motion carried unanimously with a (5-0) vote.

Mayor Harker reviewed the procedures governing quasi-judicial hearings and advised that the Board's decision must be based upon competent, material, and substantial evidence presented during the hearing and contained within the record. She explained that the Board was acting in a quasi-judicial capacity and that testimony would be taken under oath. Mayor Harker further advised that the hearing would be conducted in accordance with applicable provisions of North Carolina General Statutes, including N.C.G.S. §§ 160D-406 and 160D-1402, and that testimony should focus on factual evidence and applicable ordinance standards rather than personal preferences or opinions.

Town Clerk Elizabeth Lewis administered the oath to all individuals intending to provide testimony during the hearing, including Michelle Eitner, Town Planner; Kyle Garner, Planning Director; Jane Gordon, Kirkman Whitford Law Firm; Alison Britt Gordon, representative of the 1809 Live Oak Homeowners Association and development; Greg Stewart, Development Manager for Rhetson Companies; Matthew Hastings, PE, Summit

Design and Engineering; Mary Cheatham King, representative of the 1809 Live Oak development in a real estate capacity; and Sam Bell, PE, Town Engineer.

Mayor Harker asked all Board members to disclose any ex parte communications, conflicts of interest, or bias. None were disclosed.

Staff Presentation

Town Planner Michelle Eitner presented the staff report regarding the proposed Minuteman Gas Station.

Ms. Eitner explained that the subject property is a newly addressed parcel located at the northern corner of Towns Drive and Live Oak Street, south of the Food Lion shopping center and across from Slick's Car Wash. The property is zoned General Business (B-1). Under the Town's Land Development Ordinance, gas stations are permitted as Special Uses within the B-1 district, while the proposed convenience store, restaurant, and car wash components are permitted by right.

Ms. Eitner reviewed the Future Land Use Map designation for the property and surrounding area, noting that the site is designated Commercial Center. She explained that the Commercial Center designation is intended for intensive commercial development serving both local residents and the broader region and includes nearby commercial centers such as Food Lion, Roses, Beaufort Hardware, and other established commercial uses along the Live Oak Street corridor.

Ms. Eitner described the proposed development in detail. The proposal includes a convenience store building containing a fast-food restaurant tenant with indoor seating and a drive-through component, a fuel island canopy, a tunnel-style drive-through car wash, twenty-six parking spaces, a single ingress and egress connection to Towns Drive, internal circulation areas designed to accommodate large delivery and fuel trucks, landscaped parking areas, stormwater management facilities, site lighting, signage, and screened service areas.

She explained that a Type A landscape buffer is proposed along the shared property line with the adjacent townhouse development. The buffer includes required landscaping and an opaque fence intended to provide visual screening between the commercial and residential uses. In addition to the required buffer, a significant area of existing vegetation located between the townhouse development and the Food Lion shopping center would remain undisturbed, providing additional separation and screening.

Ms. Eitner reviewed the stormwater management system and explained that the project is subject to enhanced state stormwater requirements due to the site's proximity to designated high-quality waters. She advised that the applicant had coordinated with the North Carolina Department of Environmental Quality during development of the stormwater plan and that the Town Engineer had reviewed the proposed design. She noted that the stormwater management plan, grading plan, and erosion control measures would be subject to state permitting requirements in addition to Town review.

Ms. Eitner presented the photometric lighting plan and explained that the highest levels of illumination occur beneath the fuel canopy, where lighting levels reach the forty-foot-candle range typical of modern fuel facilities. She testified that illumination dissipates significantly away from the canopy and that lighting at the shared property line with the townhouse development is approximately 0.5 foot-candles. She further testified that illumination levels at the townhouse structures themselves are approximately 0.1 foot-candles, which she compared to illumination generated by a full moon on a clear evening.

Ms. Eitner advised that the Town currently has no ordinance establishing maximum foot-candle levels at residential property lines, although lighting standards are being considered as part of the ongoing Unified Development Ordinance update.

Ms. Eitner addressed comments previously raised by the Planning Board. She explained that requests for large street trees along Live Oak Street were determined to be infeasible due to overhead Duke Energy utility lines and associated easement restrictions. She further advised that the black vinyl-coated fence requested during Planning Board review was already required by ordinance and included within the site plan. Maintenance of landscaping and stormwater facilities would be governed by Town regulations and applicable state permit requirements.

Ms. Eitner reported that the Planning Board considered the application at its April 20, 2026 meeting and unanimously recommended approval. She stated that the Planning Board engaged in extensive discussion regarding landscaping, fencing, buffering, and maintenance responsibilities prior to making its recommendation.

Ms. Eitner confirmed that all required public hearing notices had been completed. The property was posted and adjoining property owners were notified by mail on April 24, 2026. Legal advertisements appeared in the newspaper on April 29 and May 6, 2026.

At the conclusion of her presentation, Ms. Eitner formally offered the agenda packet, staff report, and presentation exhibits into evidence. The Board accepted the agenda packet materials and Ms. Eitner's presentation exhibits into the evidentiary record.

Questions from the Board to Staff

Commissioner Cooper expressed concern regarding the amount of time available for Board review of quasi-judicial matters. He noted that the Planning Board had reviewed the proposal over an extended period, whereas the Board of Commissioners received the materials only a short time prior to the hearing. Commissioner Cooper stated that the application represented an important decision for the Town and expressed concern that commissioners were being asked to make a significant quasi-judicial determination with substantially less review time than the Planning Board had received. He acknowledged that the community has long expressed a need for a second gas station but stated that he would have preferred additional time to review the materials before rendering a decision.

Commissioner Cooper also asked whether the Town currently has an ordinance regulating lighting intensity at residential property lines. Ms. Eitner confirmed that no such standard currently exists, although staff is evaluating potential lighting standards as part of the ongoing UDO update process.

Commissioner Spiegler confirmed that the property is not located within either the 100-year or 500-year floodplain and commented that the site appeared to be an appropriate location for a critical facility such as a gas station. She asked whether staff anticipated significant traffic impacts near Tiller School and inquired about the feasibility of installing sidewalks before NCDOT completes planned improvements to the Live Oak Street corridor. Ms. Eitner advised that NCDOT's project remains in preliminary engineering and is likely several years away from construction. She further explained that future roadway improvements are anticipated to include bicycle and pedestrian accommodations.

Commissioner Matthews asked about the location of the proposed car wash and whether its proximity to the townhouse development had been discussed during Planning Board review. He also requested additional information regarding the required buffer. Ms. Eitner explained that the Type A buffer consists of substantial landscaping and an opaque fence. Due to site grading, the fence would be located atop a slope, resulting in an effective screening height of approximately twenty-one feet above the adjacent townhouse elevation. Commissioner Matthews also requested additional information regarding NCDOT's involvement in the project and future roadway improvements.

Commissioner LoPiccolo engaged in extensive questioning regarding compatibility between the proposed commercial development and the adjacent townhouse community. His questions focused primarily on lighting, buffering, deliveries, signage, and quality-of-life impacts.

Commissioner LoPiccolo expressed concern that the Town currently lacks lighting standards regulating illumination levels at residential property lines and emphasized the importance of ensuring that the Board "gets it right" with respect to lighting impacts. He questioned whether the applicant would be willing to incorporate dimming capabilities during non-peak operating hours and sought clarification regarding illumination levels generated by both the fuel canopy and rear-mounted fixtures near service and dumpster areas.

Commissioner LoPiccolo specifically discussed the importance of utilizing downward-directed, dark-sky compliant fixtures and raised questions regarding fixture color temperature. He indicated a preference for warmer lighting, approximately 3,000 Kelvin, rather than cooler white commercial lighting that could have greater impacts on neighboring residences.

Commissioner LoPiccolo also expressed concerns regarding the appearance of future signage and suggested that monument-style signage may be more compatible with the surrounding area than large commercial signage. Additionally, he discussed potential noise impacts associated with delivery vehicles and requested that reasonable delivery hours be considered to protect nearby residential properties.

Commissioner Gillikin echoed concerns regarding lighting and emphasized the importance of balancing employee safety with compatibility for neighboring residential properties. She also inquired whether the site could accommodate vehicles towing boats and other recreational equipment commonly associated with coastal communities. Finally, she asked what opportunities would remain for the Town to address lighting concerns after approval of the Special Use Permit.

Ms. Eitner explained that concerns regarding lighting could potentially be addressed through conditions of approval, staff review, or nuisance enforcement mechanisms if necessary.

Applicant Presentation

Jessica Bowers, attorney representing Rhetson Companies, appeared on behalf of the applicant and property owner. Ms. Bowers introduced the project team, including Greg Stewart, Development Manager for Rhetson Companies, and Matthew Hastings, PE, of Summit Design and Engineering. Ms. Bowers stated that the applicant intended to demonstrate compliance with all findings required for issuance of a Special Use Permit under Section 20(E) of the Land Development Ordinance and to establish through competent, material, and substantial evidence that the proposed development satisfies all applicable standards.

Testimony of Greg Stewart

Greg Stewart, Development Manager for Rhetson Companies, testified that he had been actively involved in the project for approximately nine months and had participated in numerous meetings with Town staff during the review process. He complimented Town staff for the thoroughness of their review and stated that the application materials submitted for the project were more comprehensive than those typically required by many municipalities.

Mr. Stewart testified that the proposed use is expressly authorized as a Special Use within the B-1 district and that the application had undergone multiple rounds of review and revision prior to reaching the Board of Commissioners.

Using the site plans and zoning maps, Mr. Stewart described the surrounding area as an established commercial corridor and testified that the project is compatible with surrounding commercial uses and the Future Land Use Map designation of Commercial Center.

Mr. Stewart provided detailed testimony regarding the history of the adjacent townhouse property. He explained that the townhouse tract was originally zoned for commercial

development and was previously owned by the same ownership group as the subject property. He testified that the tract was subsequently sold, rezoned through a Planned Unit Development process, and ultimately rezoned to the Transitional Corridor Area district. Throughout those changes, however, the subject property remained commercially designated and available for future commercial development.

Mr. Stewart testified that developers of the adjacent townhouse project were aware that commercial development could occur on the neighboring parcel and had opportunities to provide additional buffering during development of the residential project. Nevertheless, he stated that the applicant intended to comply fully with all buffering requirements contained within the Town's ordinance.

Addressing lighting concerns raised by commissioners, Mr. Stewart testified that the proposed fixtures are dark-sky compliant and designed to direct illumination downward rather than horizontally. He acknowledged the concerns raised regarding lighting impacts and stated that the applicant would be willing to work with Town staff and a third-party lighting professional to reevaluate the lighting plan and make adjustments if necessary.

Mr. Stewart further testified that the applicant would voluntarily increase the required six-foot opaque fence along the townhouse property line to eight feet in height. He stated that the increased height would provide additional visual screening and further reduce impacts associated with lighting and vehicle activity. He also expressed a willingness to discuss additional landscaping opportunities and potential landscaping easements with neighboring property owners.

Addressing concerns regarding noise and operational impacts, Mr. Stewart testified that the applicant would be willing to establish reasonable limitations on car wash operating hours and delivery activities. He stated that fuel deliveries generally occur during morning and afternoon hours and that convenience store deliveries could likewise be restricted to minimize impacts on nearby residences. Mr. Stewart emphasized the applicant's desire to be a good neighbor and indicated a willingness to work with the Town to address compatibility concerns.

Mr. Stewart confirmed that no final restaurant tenant had been selected but stated that prospective tenants included Sonic, Biggby Coffee, and an express-format Little Caesars. He further testified that no drive-through restaurant tenant would operate on a twenty-four-hour basis.

When questioned by Commissioner Gillikin, Mr. Stewart confirmed that the site was specifically designed to accommodate larger vehicles, including trucks towing boats and trailers.

Expert Testimony – Matthew Hastings, PE

Matthew Hastings, Professional Engineer with Summit Design and Engineering, testified regarding site design, traffic engineering, and compliance with applicable regulations.

Mr. Hastings testified that he has approximately twenty-five years of engineering experience and has participated in the design of numerous commercial developments throughout North Carolina and Virginia.

Mr. Hastings testified that the project is consistent with the Commercial Center designation contained within the Town's Future Land Use Plan and is compatible with the existing development pattern of the area.

Addressing traffic and access, Mr. Hastings testified that NCDOT directed the applicant to locate access on Towns Drive rather than Live Oak Street due to traffic volume considerations and safety concerns. He explained that locating access farther from the intersection improved sight distance and overall traffic operations.

Mr. Hastings testified that NCDOT required extension of the right-turn lane and taper along Live Oak Street, including approximately seventy-five feet of additional turn lane and fifty feet of additional taper. He stated that these improvements were required to address traffic generated by the project and improve operational safety.

Mr. Hastings testified that the proposed development would not materially endanger public health or safety and that NCDOT's review and required roadway improvements specifically addressed traffic and safety considerations associated with the project.

In response to questions regarding lighting, Mr. Hastings explained that the photometric plan reflected illumination levels commonly found in commercial developments and confirmed that illumination at the townhouse structures was approximately 0.1 foot-candles.

Additional Witness Testimony

Jane Gordon

Attorney Jane Gordon, representing property owner CGW, Inc., testified regarding the historical zoning and ownership of the property and surrounding area. She explained that the subject property has been commercially zoned for decades and that commercial development has long been anticipated at the site. Ms. Gordon reviewed the ownership history of the adjoining townhouse tract and noted that the Town of Beaufort owned the property from approximately 2009 until 2019. During that period, the property was considered for various public uses, including public works facilities, fire-related uses, and other municipal operations. She testified that the commercial designation of the subject property predates the townhouse development and has remained unchanged throughout subsequent rezonings.

Alison Britt Gordon

Attorney Alison Britt Gordon testified on behalf of the 1809 Live Oak Homeowners Association and development interests. She stated that neither the HOA nor the development opposed the establishment of a gas station on the property. Rather, her concerns centered on traffic circulation, ingress and egress, and the cumulative impacts associated with residential and commercial traffic sharing Towns Drive as the primary access point.

Ms. Gordon testified that approximately 135 residential units would ultimately utilize Towns Drive in addition to customers of the proposed gas station, car wash, and drive-through restaurant. She expressed concern that all traffic associated with those uses would be concentrated onto a single roadway connection and requested that the Board consider postponing action on the application to allow preparation of a traffic impact study and further evaluation of alternative access opportunities. Ms. Gordon referenced preliminary discussions regarding possible cross-access through adjoining commercial properties and requested that those alternatives be explored before final approval was granted.

Mary Cheatham King

Mary Cheatham King testified on behalf of the adjacent development and in her professional real estate capacity. Ms. King emphasized the importance of establishing appropriate conditions at the outset of the project rather than attempting to address issues after development occurs. Ms. King encouraged the Board to carefully evaluate buffering, lighting, delivery schedules, operating hours, and other compatibility measures to ensure that the project functions appropriately alongside the adjacent residential community. She stated that it was important to get it right on the front end and advocated for clear and enforceable conditions of approval.

Applicant Rebuttal

Mr. Stewart responded to testimony regarding cross-access and traffic circulation. He testified that no formal cross-access agreement had ever existed and stated that

discussions regarding cross-access arose only recently during conversations with representatives of the townhouse development. Mr. Stewart testified that adjacent property owners, including Food Lion, had not agreed to any cross-access arrangement and stated that routing traffic through adjoining commercial parking lots would not meaningfully address the concerns raised. He reiterated the applicant's willingness to address lighting, buffering, delivery, and operational concerns through reasonable conditions of approval.

Additional Expert Testimony – Sam Bell, Town Engineer

At the conclusion of testimony and prior to deliberation, Sam Bell, PE, Town Engineer, was sworn and provided testimony regarding traffic circulation and roadway improvements associated with the project.

Mr. Bell clarified that a dedicated left-turn lane from Live Oak Street into Towns Drive had already been constructed as part of the original Towns Drive roadway improvements. He testified that the left-turn lane currently serves traffic entering the adjacent residential development and was installed prior to the current application.

Board Deliberation

During deliberation, commissioners discussed the testimony presented by Town staff, the applicant, the applicant's engineer, and adjoining property representatives.

The Board devoted significant discussion to lighting impacts on the adjacent townhouse development. Commissioners referenced testimony regarding illumination levels at the property line and townhouse structures, the use of dark-sky compliant fixtures, fixture orientation, color temperature, and potential dimming capabilities. Commissioners expressed a desire to ensure that lighting impacts would remain compatible with neighboring residential uses and agreed that additional review by a qualified third-party lighting professional would provide an added level of assurance.

Commissioners also discussed buffering and screening. The Board considered Mr. Stewart's voluntary commitment to increase the required fence height from six feet to eight feet and agreed that the additional screening would further protect adjacent residential properties.

The Board reviewed testimony regarding noise, deliveries, and car wash operations. Commissioners discussed the importance of protecting the quality of life of nearby residents and determined that limitations on car wash operating hours and delivery schedules were appropriate and supported by testimony presented during the hearing.

The Board also discussed traffic concerns extensively, noting concerns related to the increased activity associated with the request. They considered testimony provided by Mr. Hastings and Town Staff regarding NCDOT's review, existing roadway improvements, the existing left-turn lane, the required right-turn lane extension, and the access location approved by NCDOT.

At the conclusion of its deliberations, the Board reviewed and discussed the proposed conditions of approval and reached consensus on several site-specific requirements. These included requiring a revised lighting plan prepared by a third-party lighting engineer and approved by staff prior to permitting; increasing the fence height along the adjacent townhome property line to eight feet; limiting both car wash operations and commercial deliveries to the hours of 6:00 a.m. through 11:00 p.m.; recognizing that NCDOT had reviewed and accepted the proposed traffic access design, including the existing left-turn lane, extended right-turn lane, and Towns Drive access location; requiring compliance with all applicable state and local stormwater permitting and engineering review requirements; and requiring any future signage to comply with the Town's sign ordinance through a separate permitting process.

Commissioner LoPiccolo moved to find that the applicant had met all required Findings of Fact (A through G) pursuant to LDO Section 20E for Case #26-06, based on the evidence contained within the agenda packet and the testimony presented during the hearing.

The motion carried unanimously with a (5-0) vote.

Commissioner LoPiccolo moved to approve Special Use Permit Case No. 26-06 for the proposed Minuteman Gas Station at 110 Towns Drive, subject to the following conditions:

1. The applicant shall reevaluate the lighting plan through a qualified third-party lighting engineer, with the revised lighting plan subject to review and approval by Town staff prior to the issuance of a building permit.
2. The applicant shall install an eight-foot (8') opaque fence within the required Type A landscaping buffer located between the subject property and the adjacent townhouse development to the west.
3. No cross-access connections shall be permitted between the subject property and any neighboring properties.
4. The applicant shall continue to coordinate site circulation and traffic improvements with the North Carolina Department of Transportation (NCDOT) and comply with all applicable NCDOT requirements.
5. Town staff shall verify compliance with all applicable state stormwater permitting requirements and Land Development Ordinance landscaping requirements prior to permit issuance.
6. Car wash operations shall be limited to the hours of 6:00 a.m. to 11:00 p.m.
7. Deliveries to the convenience store, restaurant, and associated uses shall be limited to the hours of 6:00 a.m. to 11:00 p.m.

The motion carried unanimously with a (5-0) vote.

Mayor Harker closed the hearing and called for a brief recess of the meeting at 8:48 PM.

The meeting was reconvened at 8:58 PM.

2. Case #26-08 Special Use Permit:

Beaufort Bar Outdoor Operation at 410 Live Oak Street

Mayor Harker announced Case #26-08, a request for a Special Use Permit to allow continued outdoor operations associated with Beaufort Bar at 410-A Live Oak Street.

Commissioner Gillikin moved to open the evidentiary hearing for Case #26-08.

The motion carried unanimously with a (5-0) vote.

Mayor Harker then recited the required quasi-judicial procedures.

Ms. Lewis swore in Michael Thagard, the applicant, and Town Planner Michelle Eitner.

No Board member disclosed any ex parte communications, conflicts of interest, or bias regarding the matter.

Ms. Eitner presented the staff report. She explained that Beaufort Bar had previously been granted a Special Use Permit in 2025 to allow outdoor operations associated with the existing bar use at 410-A Live Oak Street. That approval was subject to two conditions: installation of a six-foot-tall fence for noise attenuation and a one-year sunset provision set to expire on July 14, 2026. Ms. Eitner stated that the applicant was now seeking a new Special Use Permit to allow the outdoor operation to continue beyond the original approval period. No additional construction, site modifications, or building improvements were proposed as part of the request. She noted that the Planning Board had unanimously recommended approval of the application. The property is zoned B-1, General Business, and is located within the Live Oak Street Corridor Overlay District. The

Future Land Use Plan designates the property as Employment Center/Utility and Infrastructure.

Ms. Eitner confirmed that all required public notification requirements had been completed and entered the exhibits into the record.

The Board accepted the agenda packet documents, exhibits and additional presentation materials into evidence.

Michael Thagard, owner of Beaufort Bar, testified in support of the application. Mr. Thagard began by expressing appreciation to Town staff for their assistance throughout the permitting process and described the collaborative effort required to establish and improve the business. He provided an overview of Beaufort Bar's history, noting that the business opened on July 5, 2024, and subsequently obtained approval for outdoor operations in 2025. Following issuance of the original Special Use Permit, approximately \$50,000 was invested in development of the outdoor area. Construction was completed in late summer 2025 and included a fenced seating area, covered canopy, landscaping improvements, sound attenuation measures, and controlled outdoor audio equipment.

Mr. Thagard testified that the outdoor space had significantly expanded the functionality of the business and enhanced its ability to serve the community. He explained that the space provided an alternative outdoor seating option, a quieter environment during indoor live entertainment, and an area where patrons could gather with pets, bicycles, and family members. He described a variety of community-oriented activities hosted at the establishment, including monthly shuffleboard tournaments, oyster roasts, fundraisers, community gatherings, and partnerships with local organizations. He further noted that the business had grown from seven employees at the time of the original permit approval to nine employees and that the outdoor operation had increased foot traffic for both Beaufort Bar and neighboring businesses.

Mr. Thagard presented photographs depicting the indoor and outdoor portions of the business and discussed the improvements completed pursuant to the original Special Use Permit. He testified that the required six-foot fence had been installed and supplemented with additional sound-dampening materials. He also highlighted the canopy structure, landscaping, and decorative improvements that enhanced both aesthetics and noise attenuation. He explained that an automatic-closing door had been installed between the indoor and outdoor areas to further reduce sound transmission and that volume controls had been implemented for outdoor speakers to ensure music levels remained appropriate. Mr. Thagard stated that maintaining a clean, attractive, and well-managed environment was a priority for the business and that staff were routinely educated regarding compliance with the Town's noise ordinance and applicable regulations.

During questioning from the Board, Commissioner Gillikin referenced information contained within the agenda packet indicating that two noise complaints had been received by the Police Department during the prior year.

Mr. Thagard acknowledged the complaints and testified that he immediately implemented additional volume controls and operational adjustments upon learning of the concerns. He stated that no additional complaints had been received since those measures were implemented.

Commissioner Gillikin expressed appreciation for the applicant's responsiveness and noted that the corrective measures appeared to have successfully addressed the issue.

Commissioner LoPiccolo commended Mr. Thagard for his stewardship of the business and his willingness to address concerns raised during the original approval process. He observed that the outdoor improvements, including the sound-dampening fence, canopy, landscaping, and adjustable speaker system, had enhanced both the appearance and functionality of the property.

Commissioner LoPiccolo further noted that Mr. Thagard had demonstrated a strong commitment to the community and had consistently operated the business in a responsible manner.

Commissioner Spiegler likewise expressed support for the applicant and the improvements made to the property.

Mayor Harker stated that she had attended the business's grand opening and ribbon-cutting events and believed the establishment had become a positive community gathering place that contributed to Beaufort's sense of place and community identity.

The Board then discussed the appropriate duration of the Special Use Permit.

Commissioner LoPiccolo expressed concern that a permit granted without limitation would run with the land and could ultimately be utilized by a future owner who might not maintain the same operational standards demonstrated by the current applicant. He noted that while the current operation had proven successful, future ownership changes could present challenges for enforcement and oversight. Various options were discussed, including limiting the permit to the current owner or establishing a finite approval period.

Mr. Grady advised that a permit tied to ownership could create practical and legal complexities regarding ownership interests and transfers. He explained that a renewable term would provide a more straightforward and administratively manageable approach. Mr. Grady further clarified that although a Special Use Permit may be revoked under certain circumstances, revocation would require a separate quasi-judicial proceeding in which the Town would bear the burden of proving violations of permit conditions or applicable ordinances.

Mr. Thagard indicated that he intended to remain in business in Beaufort for the foreseeable future and stated that he would be comfortable with either approach discussed by the Board. Following additional discussion, the Board generally agreed that a ten-year approval period, subject to renewal, represented an appropriate balance between recognizing the applicant's successful operation and maintaining future oversight opportunities.

The Board also agreed that all existing noise attenuation measures, including the fence, canopy, and related improvements, should remain in place as conditions of approval.

Commissioner Gillikin moved to find that the applicant had met all required Findings of Fact for Case #26-08, as set forth in the agenda packet and supported by the evidence and testimony presented during the evidentiary hearing.

The motion carried unanimously with a (5-0) vote.

Commissioner LoPiccolo moved to approve the Special Use Permit for Case #26-08, Beaufort Bar Outdoor Operation at 410-A Live Oak Street, subject to the following conditions:

1. All existing noise attenuation measures currently installed on the property, including the fence, canopy, and related sound mitigation improvements, shall remain in place.
2. The Special Use Permit shall remain valid for a period of ten (10) years and may be renewed upon application.

The motion carried unanimously with a (5-0) vote.

Commissioner Gillikin moved to close the evidentiary hearing for Case #26-08.

The motion carried unanimously with a (5-0) vote.

Public Hearing

1. Case #26-09: 100 Cedar Street Rezoning B-1 to CS-MU

Commissioner Gillikin made a motion to open the public hearing for Case #26-09.

The motion carried unanimously with a (5-0) vote.

Planning Director Kyle Garner provided the staff report. He prefaced his presentation by correcting a typographical error in the agenda cover sheet that incorrectly referenced R-8 zoning, clarifying that R-8 is not part of this application whatsoever.

Mr. Garner explained the request is to rezone 100 Cedar Street (0.24 acres at the corner of Cedar and Moore Streets) from B-1 General Business to Cedar Street Mixed Use (CS-MU). The property currently contains a commercial office structure that is nonconforming under B-1 setbacks, the building sits approximately 8–9 feet from the street rather than the required 30 feet, and its rear wall is within inches of the adjacent residential property's sideline.

Mr. Garner confirmed that rezoning to CS-MU would not cure the nonconforming status, as the structure does not meet the CS-MU rear setback of 20 feet either. The CS-MU zoning district was created in 2019 to complement the Cedar Street Entry Master Plan and anticipated transition associated with the Highway 70 bridge relocation. The Comprehensive Land Use Plan designates this parcel as Cedar Street Mixed Use, consistent with the request. Mr. Garner noted that the permitted uses under CS-MU are more limited than B-1, only three special uses exist in the CS-MU district compared to a considerably broader list in B-1 and that the CS-MU district includes higher open space standards, stricter aesthetic and materials standards, and a maximum building height of 40 feet (reduced to 35 feet here due to the Local Historic District overlay). Any structure over 5,000 square feet would require site plan approval through the Planning Board and Board of Commissioners prior to Historic Commission review.

On setbacks, Mr. Garner presented a comparison table: CS-MU allows a 10- to 20-foot front setback on Cedar Street, a 0-foot side setback, and a 20-foot rear setback for commercial uses. As a corner lot, the parcel technically could designate either Cedar Street or Moore Street as the front, which would correspondingly change what constitutes the term rear. Mr. Garner noted this creates complexity regarding which boundary would receive the 20-foot setback protection.

Commissioner Matthews asked staff to clarify whether the proposed rezoning would increase or decrease the intensity of uses permitted on the property.

Mr. Garner confirmed that the Cedar Street Mixed Use (CS-MU) district permits substantially fewer uses than the existing B-1 zoning district and contains only a limited number of special uses. He noted that many uses permitted under B-1 could be considered more intensive than those allowed under CS-MU. Mr. Garner further stated that the comparison of permitted uses had been included within the agenda packet for the Board's review.

Commissioner LoPiccolo asked staff to discuss the potential impacts of the rezoning on stormwater management and site design, noting that the property appeared to be almost entirely impervious in its current condition.

Mr. Garner explained that the parcel consists of approximately 0.24 acres and therefore falls below the Town's 0.5-acre threshold requiring a formal stormwater management plan. However, he stated that any future redevelopment would still be subject to applicable development standards and site review requirements. Mr. Garner observed that the CS-MU district encourages a development pattern that brings buildings closer to the street while incorporating enhanced design elements and open space. He pointed to several mixed-use projects constructed on the eastern end of Cedar Street as examples of the type of quality redevelopment envisioned by the district.

Commissioner LoPiccolo also inquired about the existing setbacks and whether redevelopment under the CS-MU district could improve the relationship between the site and adjacent residential properties.

Mr. Garner explained that the existing building sits significantly closer to property lines than required under the current zoning district, including a rear wall located only inches from the neighboring residential property line. He stated that if the existing structure were removed and redeveloped, compliance with CS-MU setback standards could result in greater separation from neighboring residential uses than currently exists on the site. Mr. Garner further noted that the property had housed several different commercial uses over the years, including a gas station, restaurant, and office uses.

Commissioner Spiegler questioned how the CS-MU district would apply to the corner lot and whether the designation could allow multifamily residential development with minimal setbacks.

Mr. Garner explained that because the property fronts both Cedar Street and Moore Street, a future developer could potentially designate either street as the front yard, which would affect how setbacks are applied. He stated that single-family residential, multifamily residential, office, retail, and mixed-use development are all permitted within the CS-MU district. Mr. Garner further explained that multifamily development follows the district's commercial setback standards and could theoretically allow zero-foot side setbacks depending on site design and lot orientation.

Commissioner Gillikin asked staff to discuss the origins of the Cedar Street Mixed Use district and the planning objectives that informed its creation.

Mr. Garner explained that the district originated from the Cedar Street Small Area Plan and broader planning efforts associated with the Highway 70 bridge relocation. He stated that the intent was to create a corridor characterized by a mixture of residential, office, retail, restaurant, and mixed-use development rather than any single dominant land use. Mr. Garner acknowledged that no specific numerical limitations or triggers had been established to regulate the proportion of residential versus commercial development within the district. He further noted that some of the assumptions underlying the original plan changed over time, including the conversion of a nearby parcel into a hotel parking lot, which removed a potential mixed-use development opportunity originally contemplated during the planning process.

Commissioner Gillikin and Mr. Garner also discussed the Town's decision not to comprehensively rezone properties along Cedar Street when the district was originally created.

Mr. Garner stated that, in hindsight, rezoning additional properties at that time may have been beneficial. However, subsequent changes in state law governing downzoning now limit the Town's ability to initiate such rezonings without property owner consent. He further explained that many properties along the corridor are currently nonconforming and could potentially become more conforming under the CS-MU district if voluntarily rezoned by their owners.

Commissioner Spiegler expressed concern that, while the proposed rezoning reduced the range of commercial uses allowed on the property, it also permits residential development by right. She questioned whether the current CS-MU use table adequately reflects the Town's long-term vision for Cedar Street and suggested the Board may wish to revisit the district's permitted uses in the future to ensure an appropriate balance between residential, commercial, and mixed-use development opportunities.

Mr. Garner acknowledged that the district had been in place for approximately six years and stated that reviewing its performance and effectiveness would be a reasonable policy discussion for the Board to undertake.

Mayor Harker opened the floor to public comments.

Ron Cullipher, representing the applicant, echoed staff's characterization of the request as a downzoning that reduces intensity and eliminates some of the more commercially obtrusive B-1 uses. He noted there is no development plan at this stage, the rezoning is intended to bring the property into conformance with the Comprehensive Land Use Plan and create a platform for future quality development. He described the CS-MU process, including the sketch plan requirement, Historic Commission review, and planning board oversight for structures over 5,000 square feet, as providing a lot of eyes on any future project. He also noted that under CS-MU, the rear setback increases from B-1's 15 feet to 20 feet, a benefit to the adjacent residential neighbor.

Ryan Neve, 444 Campen Road, Beaufort, and a member of the Planning Board, stated that he had been unable to attend the Planning Board meeting at which the proposed amendment was discussed. He noted that many of his initial concerns had been addressed, particularly the buffer requirements that would apply when a change of use occurs adjacent to residential properties. However, he cautioned that the proposed CS-MU district could theoretically permit a 35-foot-tall multifamily structure with zero lot-line setbacks. Mr. Neve encouraged the Board to consider the implications of that possibility and proceed with a full understanding of the district's potential development outcomes. He also expressed support for revisiting and refining the CS-MU use table in the future.

Kyle McLaughlin, 312 Moore Street, Beaufort, stated that he owns property directly across the street from the subject site on a similarly sized 0.24-acre single-family residential lot. While expressing that he was not opposed to development of the property, he voiced concern about the potential for zero-lot-line multifamily development under the proposed zoning designation without a specific development plan being presented. Mr. McLaughlin stated that he would prefer to review a development proposal before any zoning change is approved.

Billie Ester Seymour, speaking on behalf of adjacent property owner Chris Faulkner (309 Moore Street), stated that the property owner was not opposed to thoughtful development but expressed concern regarding the absence of a site plan, building layout, or defined future use for the property. She requested that the Board consider deferring action on the rezoning request or incorporating additional protections related to setbacks, building height, and buffering. She specifically identified the potential for zero-lot-line development adjacent to residential property as a significant concern.

Doug Brady, representing the development group considering the property, responded to public concerns. He argued that the CS-MU designation is actually more protective for the neighborhood than B-1, citing the reduced permitted use intensity and the requirement of a buffer between commercial and residential uses even at a 0-lot-line setback. He confirmed the development group intends Cedar Street as the front of any future building, meaning Moore Street would logically be a rear, potentially yielding a 20-foot setback in that direction and potentially 20-foot setbacks on both sides as a corner lot. He endorsed the rezoning as consistent with the Comprehensive Land Use Plan and the Cedar Street Small Area Plan.

Commissioner Gillikin made a motion to close the public hearing.

The motion carried unanimously with a (5-0) vote.

Commissioner Spiegler reiterated her concern about incentivizing all-residential development on Cedar Street and suggested the board should separately revisit the CS-MU use table in the near future.

Commissioner Gillikin asked for clarity under state law, about the option of making single-family or multi-family residential a special use (rather than permitted by right) in CS-MU.

Mr. Grady confirmed that would constitute a downzoning, making it legislatively difficult to implement.

Commissioner Matthews made a motion to approve the rezoning of 100 Cedar Street from B-1 to Cedar Street Mixed Use (CS-MU) as presented in Case #26-09.

The motion carried (4-1), with Commissioner Spiegler casting the dissenting vote.

Mr. Grady noted for the record that Commissioner Cooper's vote is recorded as an affirmative as he exited at the meeting without being excused.

Public Comment

Mack Paul with Morningstar Law Group, 434 Fayetteville Street, Raleigh, appearing on behalf of property owners at 123 and 125 Front Street, requested that the Live Oak Trees item on Old Business be tabled until the June meeting. He explained that the property owners are currently out of state, had followed the March work session with interest, have identified an arborist, and wish to present research on streetscape and historic vista standards along Front Street, including materials from the Historic Williamsburg Foundation, before the board deliberates again.

Vicki Fox, 100 Johnathan Ct, Beaufort, spoke on behalf of residents of Kevin Court, Lindsay Court, and Jonathan Court,. She delivered a detailed statement opposing a proposed fire access route through Kevin Court into the Beaufort Club development. She described Kevin Court and the surrounding Green Meadows neighborhood as a quiet, low-traffic residential enclave where children regularly play in the street, families walk dogs, and neighbors know one another. She argued that any fire access road, regardless of how it is labeled, would inevitably become a cut-through between Highway 101 and Highway 70, bringing speeding, noise, and safety risks to roads that are narrow and have no sidewalks. Ms. Fox raised a series of unanswered questions, including whether a formal traffic impact study had been conducted, how through traffic would be prevented, what traffic calming measures would be implemented, who would bear the cost of maintaining roads already in poor condition, and how residents would be compensated for impacts to property values and quality of life. She argued that long-established residential neighborhoods should not bear the burden of supporting new development interests, and submitted a petition signed by approximately 30 residents from the affected streets to the Town Clerk.

Old Business

1. Live Oak Trees: Located at 123-127 Front Street

Mayor Harker acknowledged the public comment request to table the item but noted it was at the pleasure of the Board.

Commissioner Spiegler moved to take no action rather than to table, stating clearly that the Town would not pursue enforcement or any other action regarding the four live oak trees located within the public right-of-way near 123, 125, and 127 Front Street.

The motion carried unanimously with a (5-0) vote.

Mr. Grady confirmed this motion, as worded, would mean the matter is concluded from the Board's perspective, not merely deferred.

New Business

1. Voluntary Annexation Applications: 374 Highway 101, 388 Highway 101, and 404 Highway 101

Ms. Lewis presented three voluntary annexation petitions submitted by Tidewater Associates on behalf of RNL of Beaufort, LLC, Beaufort Crossing, LLC, and Sycamore Creek, LLC, encompassing approximately 3.1 acres located within the Town's Extraterritorial Jurisdiction (ETJ) along Highway 101. Ms. Lewis explained that the subject parcels are intended primarily to facilitate access from Highway 101 to a larger tract of approximately 40 acres already located within the Town's corporate limits and generally situated between NC Highway 101 and US Highway 70. While no formal development plans, rezoning applications, or sewer allocation requests have been submitted, staff

anticipate that a future request for commercial development may be forthcoming. Ms. Lewis emphasized that the matter before the Board was limited to whether to direct the Town Clerk to investigate the sufficiency of the annexation petitions, which constitutes the initial procedural step in the voluntary annexation process.

During Board discussion, Commissioner Gillikin inquired whether consideration of the annexation petitions could be postponed and the sufficiency investigation conducted at a later date should the Board elect not to proceed at this time.

Ms. Lewis confirmed that the investigation could be deferred.

Commissioner LoPiccolo asked whether the annexation could instead be considered in conjunction with a future development proposal, such as a Planned Unit Development (PUD), to allow the Board to evaluate the request within a broader planning context.

Mr. Garner confirmed that such an approach would be permissible.

Commissioner Gillikin expressed concern with initiating the annexation process in the absence of a development proposal and indicated a preference for reviewing a more complete development concept before considering annexation.

Commissioner Gillikin moved to deny the resolution directing the Town Clerk to investigate the sufficiency of the voluntary annexation petitions for 374, 388, and 404 Highway 101.

The motion carried unanimously with a (5-0) vote.

2. PFAS Class Action Lawsuit

Mr. Grady presented a resolution and retainer agreement authorizing the Town's participation in a nationwide PFAS ("Forever Chemicals") class action settlement through the law firm of Bryson Harris Suci & DeMay PLLC. Mr. Grady explained that the litigation involves major PFAS manufacturers, including 3M and DuPont, and that participation would require testing the Town's raw water supply for the presence of PFAS. If PFAS is detected, the Town may be eligible to receive a proportional share of settlement proceeds intended to assist public water systems that could face future testing and treatment requirements.

Mr. Grady emphasized that previous testing of Beaufort's treated drinking water found no detectable levels of PFAS and that the Town's drinking water remains fully compliant with all applicable federal and state safety standards. He clarified that the testing contemplated under the settlement process would be performed on raw water prior to treatment and is separate from the Town's routine drinking water compliance testing.

In response to a question from Commissioner Gillikin, Mr. Grady confirmed that participation would not result in any upfront costs to the Town. He explained that the agreement is contingent upon a recovery being obtained, with all legal and testing expenses to be paid from any settlement proceeds received by the Town.

Commissioner Matthews made a motion to approve the resolution authorizing the Town's participation in the PFAS class action settlement, approve the retainer agreement with Bryson Harris Suci & DeMay PLLC, and authorize the Town Manager to execute and deliver the agreement.

The motion carried unanimously with a (5-0) vote.

Manager Report

Mr. Zapp provided one critical update: an email received May 6 from NCDOT Assistant Resident Engineer Hunter Potter confirmed that NCDOT remains on schedule to reopen NC 101 on May 18, 2026. On the evening of May 11, crews were scheduled to perform waterline tie-ins in the subject area;

affected homeowners and businesses had been notified in advance. NCDOT's project website is in its final stages of development and is expected to go live by the end of the following week, along with a subscriber list and press release. A separate press release regarding the upcoming Live Oak Street closure on June 1 is also anticipated from NCDOT.

Mayor/Commissioner Comments

There were no additional comments.

Closed Session (Addition)

Commissioner Gillikin made a motion pursuant to N.C.G.S. § 143-318.11(a)(3), to enter closed session at 10:20 PM.

The motion carried unanimously with a (5-0) vote.

Adjourn

Commissioner Spiegler made a motion to adjourn the meeting at 10:31 PM.

The motion carried unanimously with a (5-0) vote.

Sharon E. Harker, Mayor

Elizabeth Lewis, Town Clerk

All exhibits, documents, presentations, and other materials admitted into the record during the quasi-judicial proceedings are attached hereto and incorporated by reference as part of the official record of the proceedings.



STAFF REPORT



To: Board of Commissioners
From: Michelle Eitner, Town Planner
Date: May 11, 2026
Case No. 26-06 Special Use Permit – Minuteman Gas Station 110 Towns Drive

THE REQUEST: Approve or deny the proposed Special Use Permit (SUP) for a gas station at 110 Towns Drive.

INFORMATION:

Location: 110 Towns Drive (NW corner of Live Oak Street & Towns Drive)
Property Owner: CGW Inc (4C Development LLC under contract)
Applicant: Rhetson Companies Inc
Zoning District: B-1 General Business District
Flood Zone: X (in preliminary and effective FIRMs)
LUP Future Land Use: Commercial Center (no Non-Intensification Zone overlay)
Size: 3.76 acres
Existing Land Use: Undeveloped
Proposed Land Use: Gas station (Minuteman convenience store with fuel sales and a quick service/drive-through restaurant, with automatic car wash)
Adjoining Uses/Zoning: North & East: Food Lion Shopping Center and Realo Drug (B-1)
 West: Townhouse development “1809 Live Oak” (TCA)
 South (Across Towns Dr): Undeveloped (B-1)
 South & East (Across Live Oak St): Multiple B-1 lots - Undeveloped, “The Wash” automatic and self-service car wash, and Slicks Tinting & Auto Center
Utilities: Water and wastewater provided by Town

OPTIONS:

1. Approve the special use permit as presented
2. Approve the special use permit with conditions to bring the proposal into compliance with the Required Findings
3. Deny the special use permit based on specific failures to meet requirements
4. Table the request pending additional information necessary to make a decision

EXHIBITS:

- Exhibit A – Staff Report
- Exhibit B – Vicinity Map
- Exhibit C – Zoning Map
- Exhibit D – Application Package
- Exhibit E – LDO Section 20 Special Use Permits (Especially Section 20.E.1 Required Findings)
- Exhibit F – LDO Section 9.C. B-1 General Business District
- Exhibit G – Comprehensive and CAMA Land Use Plan Future Land Use Map & Classification
- Exhibit H – Notification Certification

STAFF COMMENTS:

Greg Stewart with Rhetson Companies has applied for a Special Use Permit to establish a gas station at 110 Towns Drive. Rhetson is representing 4C Development, LLC, which is under contract to purchase the property from current property owner CGW, Inc.

The subject property is located between Live Oak Street, newly constructed Towns Drive, the new “1809 Live Oak” townhouse development, and the Food Lion shopping center/Realo Drugstore. This property was historically farmland through the 90s and has been forested (undeveloped) for the past twenty years or so (based on aerial imagery). The gas station development proposal includes a convenience store with indoor quick-service/drive-through restaurant, fuel pump canopy, and automatic tunnel car wash. “Minuteman” is the brand for the whole development, which will include a gas tenant and a fast-food tenant (neither of which are known at this time). While convenience stores, indoor restaurants, and car washes (accessory uses of this project) are permitted by-right in the B-1 zoning district, the principal use of the proposed development is gas station, which requires a special use permit in any zoning district in Beaufort.

There are 26 parking spaces shown on the plan, which exceeds the 17 spaces required for the project, as well as a dedicated truck loading/unloading space behind the building. The traffic circulation is sufficient to support large delivery vehicles, fuel trucks, and emergency vehicles. The dumpster enclosure at the back of the property meets requirements for refuse disposal. The required landscaping for the project includes Type A buffering along the western property line (between gas station and townhouses), VAA (parking lot) landscaping, and stormwater pond landscaping.

The project does not require a NCDOT driveway permit because it has only one point of ingress/egress off Towns Drive (not on Live Oak or through adjacent parking lots). The developers coordinated with NCDOT during site design and were required to propose plans to extend the newly created right-turn-lane along Live Oak Street. This will better accommodate stacking of vehicles turning onto Towns which would access the proposed gas station as well as the “1809 Live Oak” townhouse development currently under construction. Staff did not require sidewalks for this site plan because the Town’s bicycle/pedestrian plan does not identify them for this side of Live Oak Street. Upcoming improvements by NCDOT for the Live Oak corridor are anticipated to include sidewalks on both sides of the street along with bike lanes and medians.

While the stormwater and sedimentation/erosion control plans are subject to NCDEQ review and permitting, it bears noting that this development is held to higher standards due to the proximity of the project within ½ mile to SA/HQW tidal salt waters (Gibbs Creek). Similarly permitted commercial projects include State Employees Credit Union, Taco Bell, and McDonalds.

This project is located entirely in the X flood zone (current and future flood maps), so no additional site design or construction standards apply with regard to the Town’s Flood Damage Prevention Ordinance ([link here](#)). The building is also proposed to be served by a backup generator. These resilience efforts (upland location and backup energy source) are consistent with guidance Beaufort’s Comprehensive and CAMA Land Use Plan (esp. p196-199, [link here](#)) and Resilient Beaufort plan (esp. p17, [link here](#)).

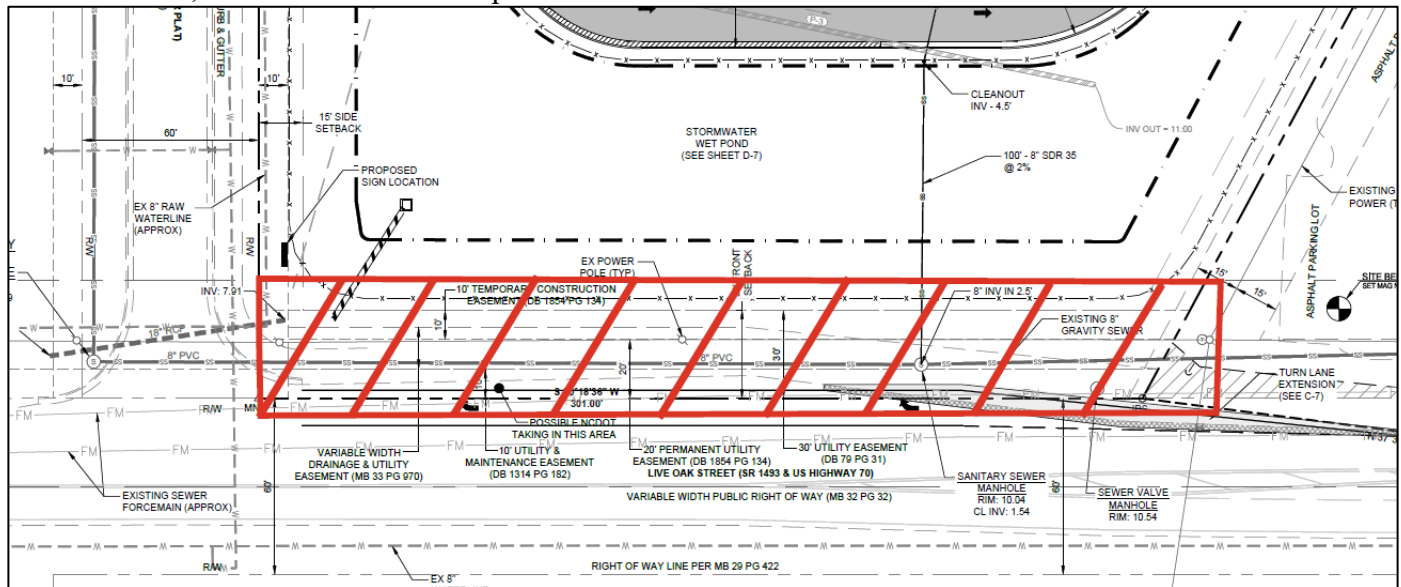
The Future Land Use Map of the LUP identifies this location as Commercial Center, which is described as “These areas have large-scale non-residential uses that serve the entire community and larger region.” A second gas station would serve the entire community and larger region, especially in emergency situations such as hurricanes when fuel is scarce.

The Technical Review Committee met on February 27th to review the project. Comments and requests for clarifications or revisions were provided by Planning, Public Works, Utilities, and Engineering. These items

were addressed in revised submissions received the following week and approved by those that had the comments/requests. The plan appears to be compliant with applicable regulations at this time.

The Planning Board discussed this application at their April 20, 2026 meeting and unanimously recommended approval of this application given, “Approve the site plan given that the applicant consider some large trees in the front, a black vinyl coated fence, and the maintenance plan for the landscape and pond area.”

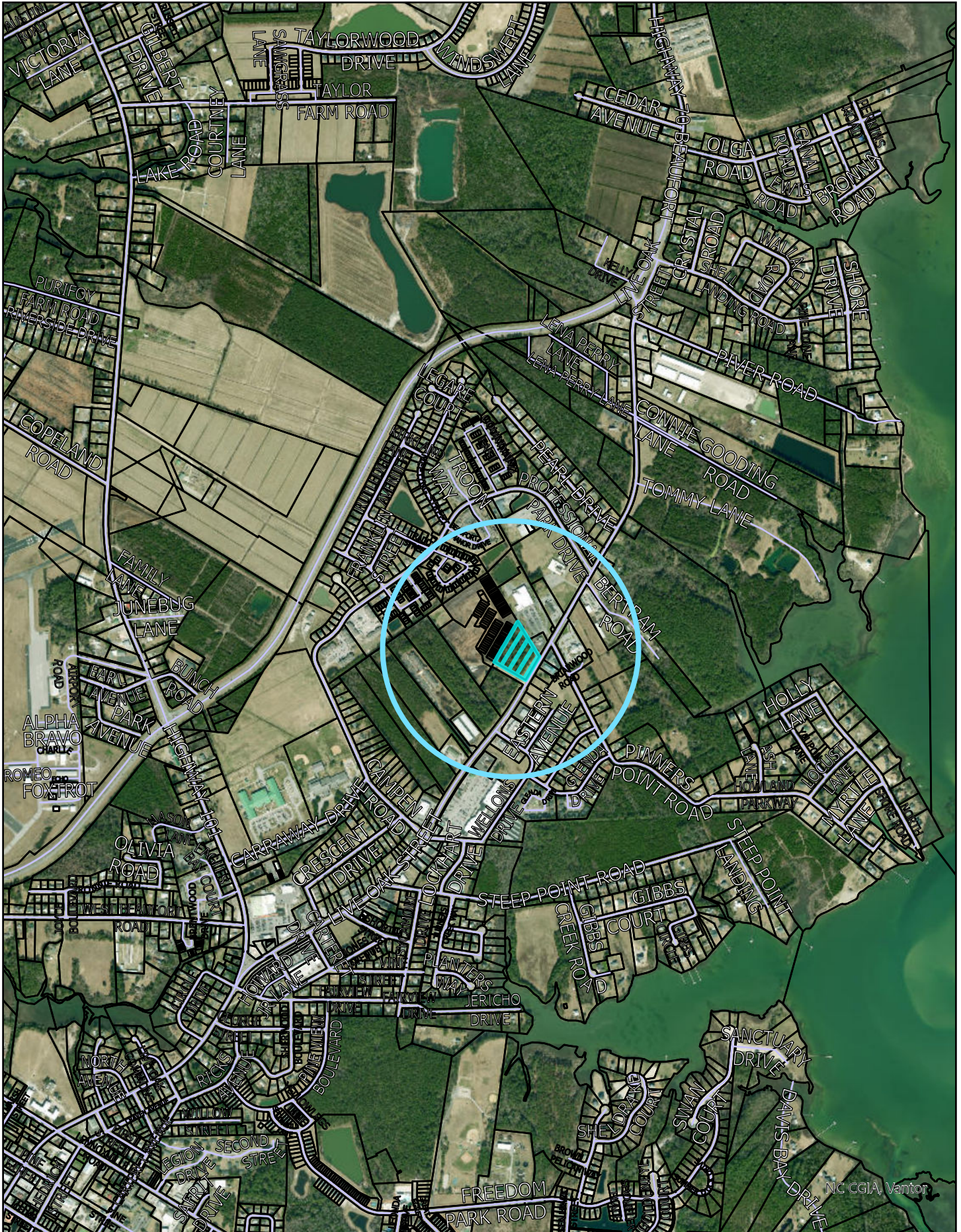
Regarding Planning Board’s proposed considerations: the large trees were not required along the front of the property (street trees) due to overhead electrical wires in that area (LDO Section 14.D.7). The applicant provided a snapshot below of the site plan with Duke Progress Energy’s buffer area on either side of the electrical lines, where no trees can be placed.



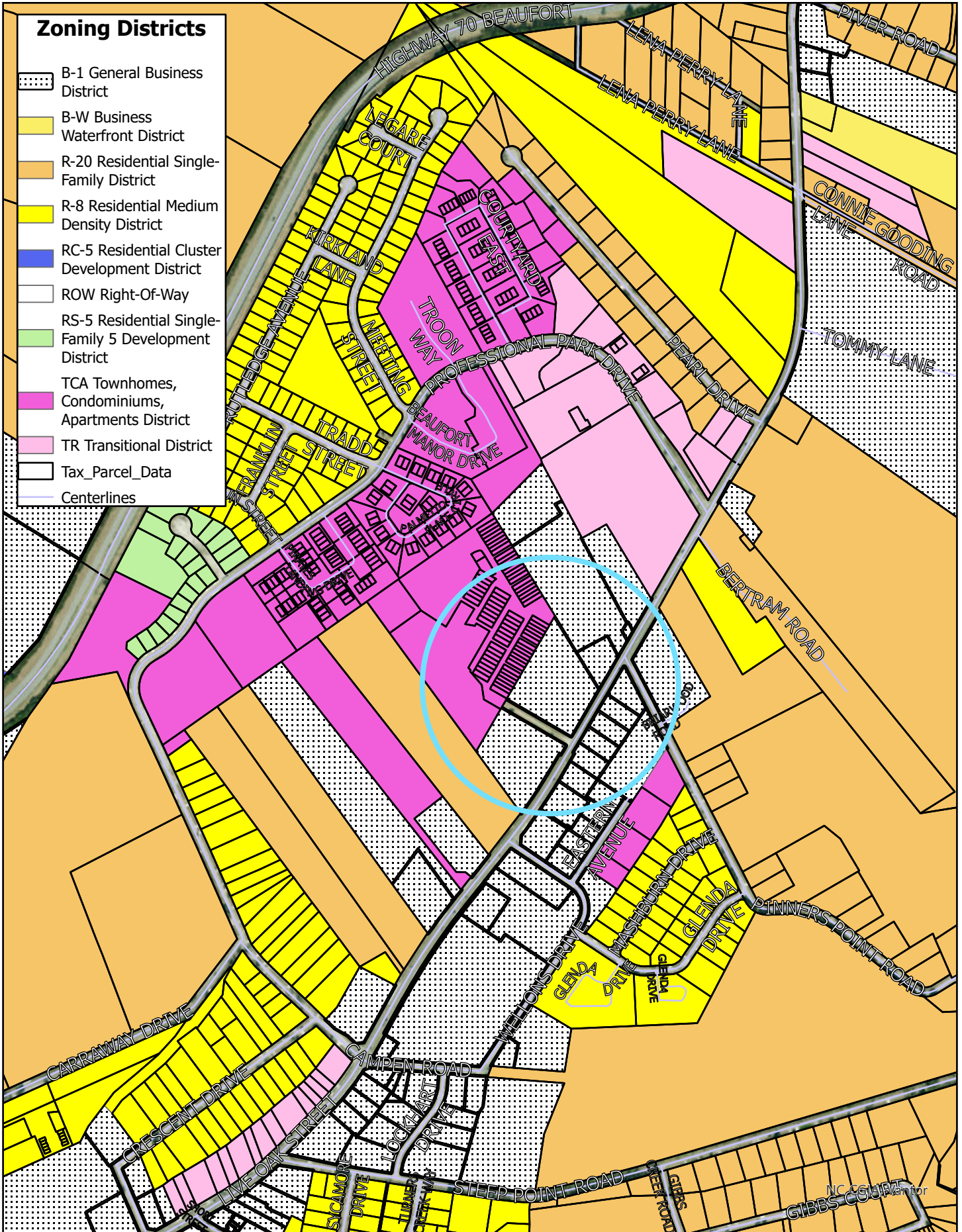
The black vinyl coated fence requested by Planning Board is already proposed detailed on site plan sheet D-1 (required under LDO Section 15.E.3 & reviewed in TRC).

The stormwater wet pond and associated permitted work is subject to NC DEQ’s water quality rules ([linked here](#)) and Stormwater Design Manual ([linked here](#)), which prescribes operations and maintenance of permitted Stormwater Control Measures (SCMs) like a wet pond. This project, like most of the larger projects in town, is subject to DEQ permitting, construction, maintenance, and reporting rules. The applicant does not have a separate maintenance plan from what DEQ requires. Additionally, the Town has enforcement procedures for landscaping installation and maintenance under LDO Sections 15 and 19 and for nuisance/overgrown vegetation/grass under Town Code of Ordinance Title IX Article V Section 91.65.

Case 26-06 SUP Minuteman Gas Station 110 Towns Drive Vicinity Map



Case 26-06 SUP Minuteman Gas Station 110 Towns Drive Zoning Map



Rhetson Companies, Inc

Town of Beaufort, NC

– Request for Special Use Permit –

Parcel ID Number: 730612967426000

110 Towns Drive, Beaufort, NC 28516

Requesting approval for a Special Use Permit to build a Minuteman convenience store with fuel sales, a quick service restaurant, and a tunnel carwash at the specified address. The 3.76-acre property is designated as B-1 zoning and is located within the Live Oak Street Corridor Overlay District. The proposed development's combined uses qualify it as a Special Use under the current zoning classification and overlay guidelines. Rhetson Companies, Inc, respectfully submits this application, along with all accompanying materials, and acknowledges the value of the expert testimony expected during the quasi-judicial meeting proceedings.

Comments in Support of Findings Required

Rhetson considered the findings below required per Section 20 of the Land Development Ordinance:

- a) The proposed use is an allowable special use in the zoning district it is being located within;
110 Towns Drive is located in the B-1 District. A Convenience Store, Restaurant with Drive-Thru Service, and Car Wash are permitted uses, by-right. A Gas/Service Station are allowable with a Special Use Permit.
- b) The application is complete;
The application has been reviewed with Town Staff and is believed to be complete.
- c) The location and character of the use will be in conformity with the Town's Comprehensive and CAMA Land Use Plan and other comprehensive planning elements;
The proposed site design is consistent with the Comprehensive and CAMA Land Use Plans. Based upon the Town of Beaufort Comprehensive and CAMA Land Use Plan's Future Land Use Map, the subject property is designated for a future land use of "Commercial Center". The Commercial Center description details that these areas will have large-scale, non-residential uses that serve the entire community and larger region.
- d) Streets, driveways, parking lots, traffic control, and any other traffic circulation features shall be designed and provided in accordance with current traffic engineering standards and Town regulations and found to be adequate for the proposed special use;
The proposed site design of the streets, driveways, parking lots, traffic control, and any other traffic circulation features have been designed in accordance with the Town of Beaufort regulations and codes, as well as to NCDOT standards. Access to the site will be made from Towns Drive, as the lower classification road than Live Oak Street (SR 1493 & US Highway 70). Towns Drive has been newly constructed with a right-turn lane off Live Oak Street. Summit Design and Engineering Services have had conversations with NCDOT on the proposed use, and based upon those discussions, NCDOT will be requiring the addition of 75' of storage and 50' of taper to the newly construction turn lane. This makes the turn lane a total of 225' with 150' of taper. The proposed turn lane and improvements are shown on the site plan.
- e) The proposed special use will not substantially injure the value of adjoining or abutting properties;
The improvements of this parcel will not reduce the value of adjoining and/or abutting properties. Instead, Beaufort, NC appears to only have one (1) gas station(s) within town limits, which is insufficient to meet community needs, particular in times of inclement weather and/or crisis.

f) The proposed special use will be compatible and in harmony with adjoining land uses and the development patterns of the immediate area; and,

The proposed Gas/Service station and Car Wash have been designed to be compatible with the adjoining land uses and development patterns of the immediate area in that the proposed site is of a similar commercial use to the neighboring parcels and parcels in the immediate area. These developments in the immediate area include a prescription drugstore/pharmacy, grocery store, nail salon, post office, bank/credit union, automotive service, car wash, gas station, retail store, and fast-food restaurant. Additionally, the proposed special use is compatible and is an allowable special use of the B-1 district which the parcel is zoned and is compatible with the future land use designation of "Commercial Center" in the Town of Beaufort Comprehensive and CAMA Land Use Plan.

g) The proposed use will not materially endanger the public health or safety of the community if located where proposed and developed according to the submitted and approved plan.

The proposed Gas/Service Station and Car Wash are readily accessible from Towns Drive, directly off Live Oak Street (SR 1493 & US Highway 70) for emergency and fire department access. The uses are allowed as by-right or Special Uses under the B-1 District per the Town of Beaufort, NC Land Development Ordinance, and are compatible with the Town of Beaufort Comprehensive and CAMA Land Use Plans. Additionally, the information regarding NCDOT correspondence on site plan design, further the mitigation of public health and safety and are referenced in subsection "d)."



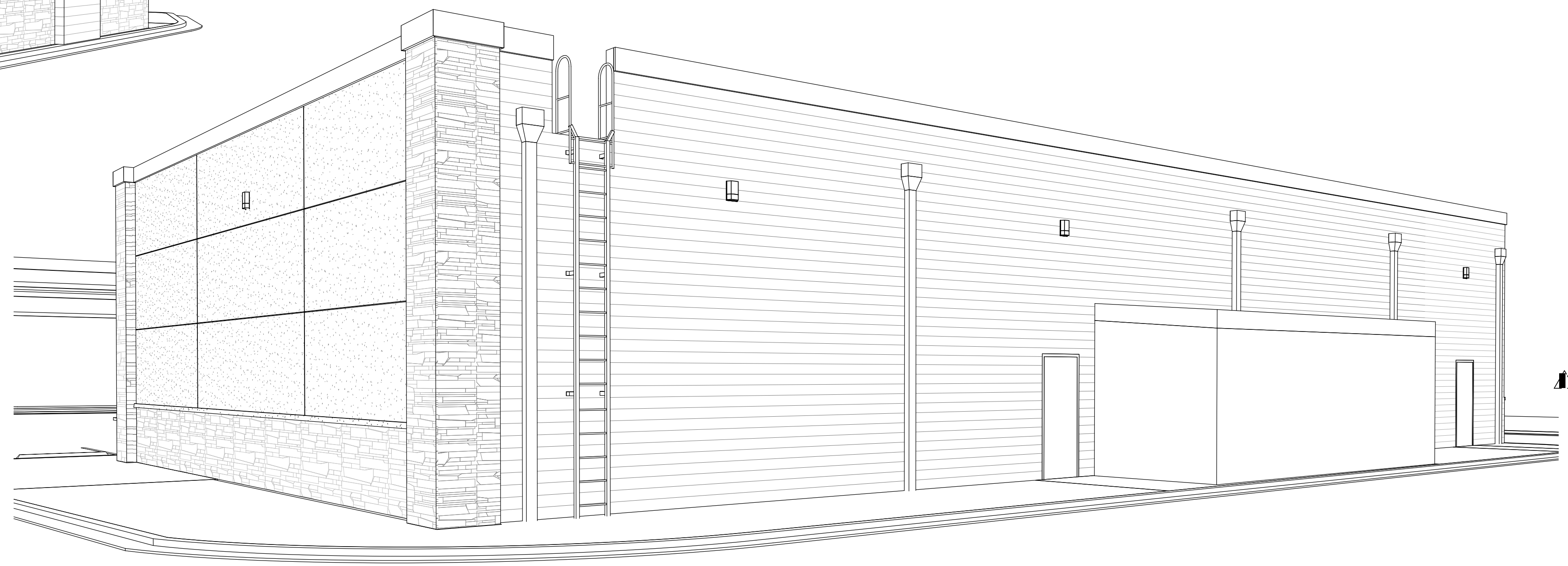
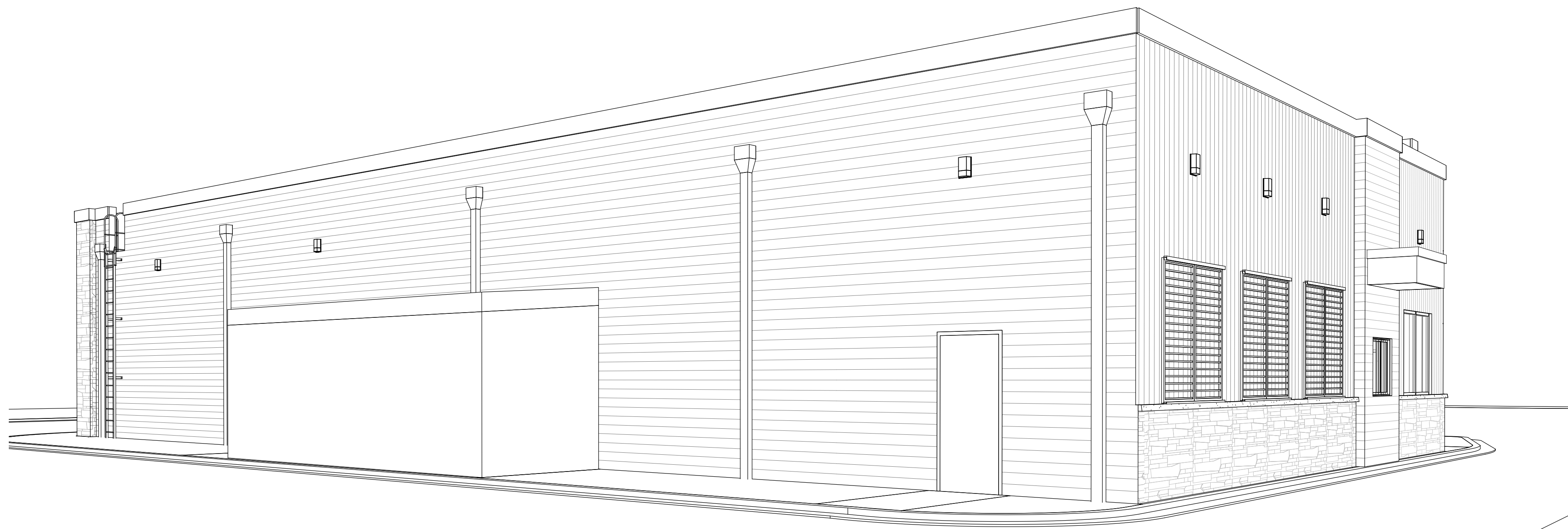
RHETSON
COMPANIES, INC

ARCHITECTURAL ELEVATION EXAMPLES

Renderings & Elevations of
all uses for this project to be submitted
when finalized

2075 Juniper Lake Road
West End, NC 27376

910-944-0881 | www.rhetson.com



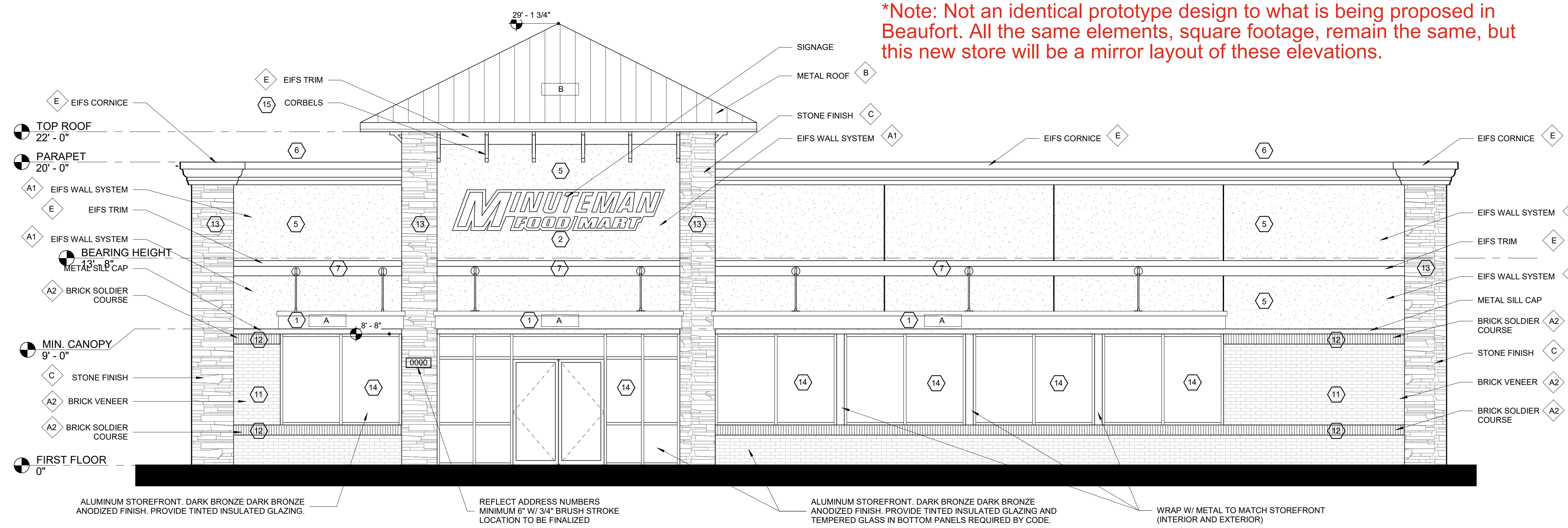
AYNOR, SOUTH CAROLINA

REVISIONS

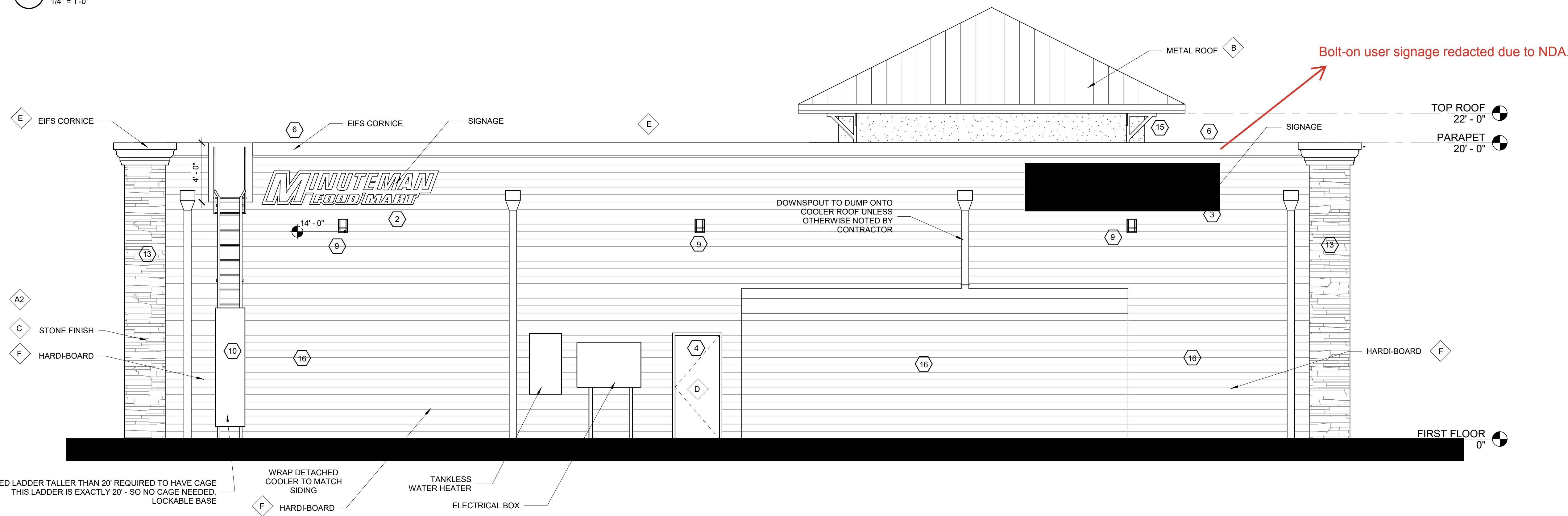
NO.	DESCRIPTION
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

*Note: Not an identical prototype design to what is being proposed in Beaufort. All the same elements, square footage, remain the same, but this new store will be a mirror layout of these elevations.

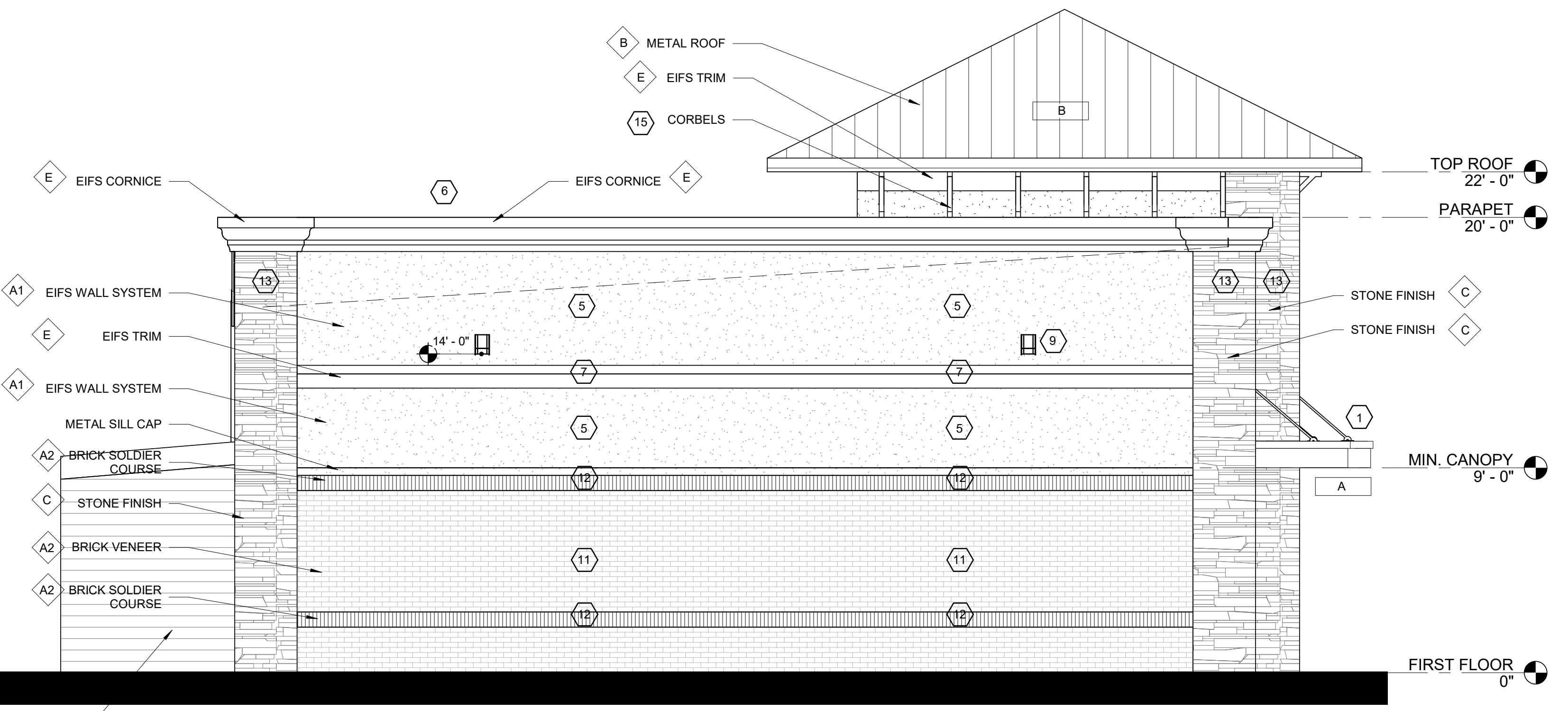
Finish examples. Subject to change due to product availability, LDO requirements, client desires. (Wanted to at least provide some examples of what has been used on projects past)



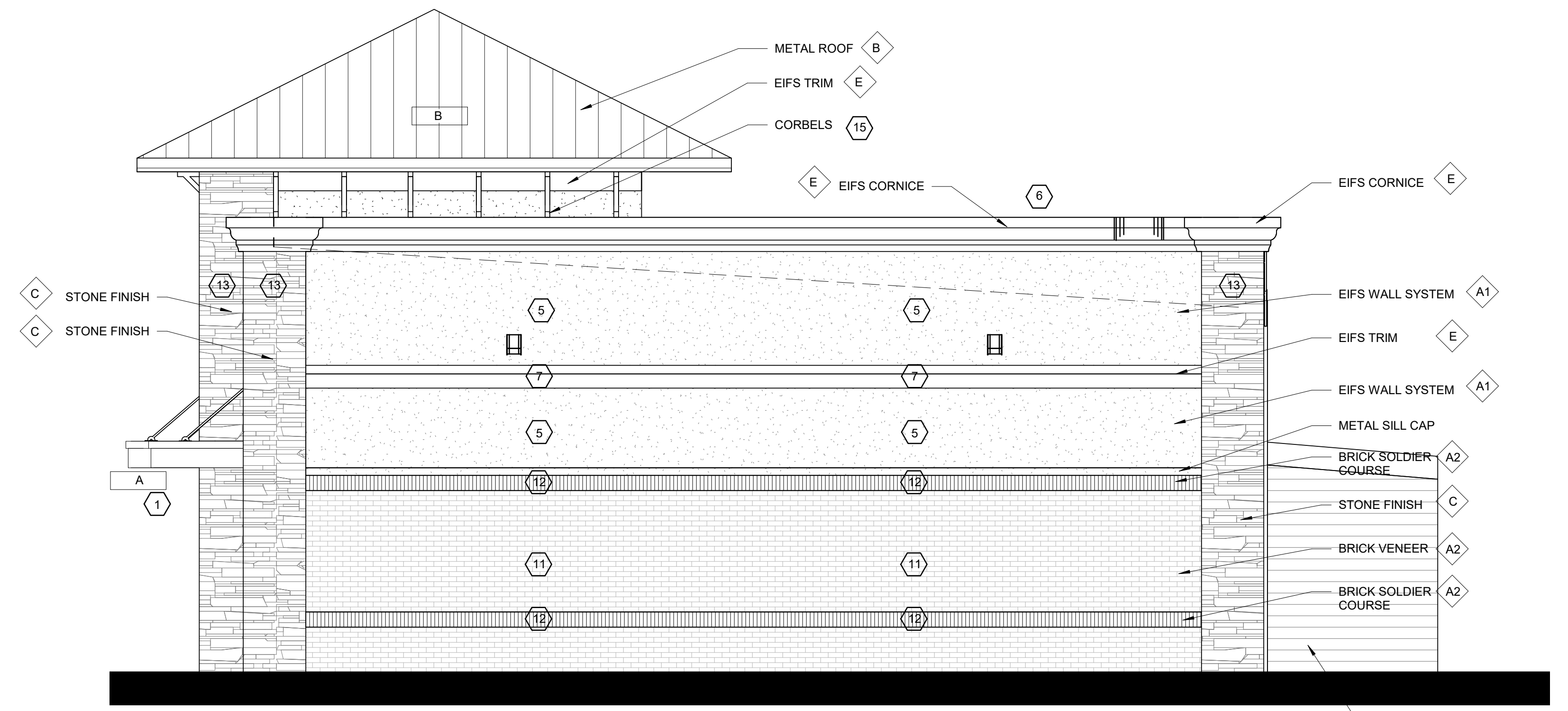
1 FRONT ELEVATION
1/4" = 1'-0"



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



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



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

FINISH SCHEDULE			
MARK	MANUFACTURER	DESCRIPTION	NOTES
FINISHES			
A1	DRYVIT	EIFS WALL SYSTEM	COLOR: S.W. 7036 ACCESSIBLE BEIGE TEXTURE: SANDPEBBLE
A2	PALMETTO BRICK	ONSLAW, OVERSIZED	TEXTURE: SMOOTH GROUT:
B	SHERWIN WILLIAMS	RAL 3002 CARMINE RED	SATIN FINISH
C	CANYON STONE	TIMBER LEDGE - DEER VALLEY	
D	SHERWIN WILLIAMS	SW #7024 FUNCTIONAL GRAY	SATIN FINISH
E	SHERWIN WILLIAMS	SW #7005 PURE WHITE	SATIN FINISH
F	HARDI-BOARD	HARDI-BOARD HORIZONTAL WALL SYSTEM	COLOR: S.W. 7036 ACCESSIBLE BEIGE TEXTURE:
METALS			
A	PREFABRICATED CANOPY/BAND	PRODUCT CODE: 9840-30200R PRODUCT NAME: FC SD RAL 3000 FLAME RED	
B	METAL ROOF	PRODUCT CODE: 9840-30200R PRODUCT NAME: FC SD RAL 3000 FLAME RED	
<ol style="list-style-type: none"> PAINT ALL EXPOSED METERS, SERVICE ENTRANCES, GAS PIPE, ROOF ACCESS LADDER, ETC. TO MATCH ADJACENT EXTERIOR WALL SURFACE. PROVIDE TEMPORARY MASKING OF EXPOSED STAINLESS STEEL DURING ACID WASHING OF MASONRY. PROVIDE SOLID MASONRY UNITS AT THE ENDS OF JAMBS, SILLS, ETC. TO HELP PREVENT EFFLORESCENCE ALL MASONRY UNITS ARE TO BE MANUFACTURED WITH INTEGRAL WATER REPELLENT. WATER REPELLENT ADMIXTURE IS TO BE MIXED IN AND PRE-WASHED SAND IS TO BE USED IN ALL MORTAR MIXES. MAKE SURE THAT WALL WEEPS AND FLASHING ARE INSTALLED CORRECTLY. DO NOT BLOCK WEEPS. ALUMINUM STOREFRONT TO BE DARK BRONZE. ALL GLAZING TO BE 1" INSULATED LOW-E GLAZING. BASIS OF DESIGN FOR THE EIFS WALL SYSTEM IS DRYVIT OUTSULATION PLUS MD. EIFS WALL SYSTEM IS 2" THICK UNLESS NOTED OTHERWISE. INSTALL EIFS PRODUCT IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND DETAILS. SIGNAGE IS SHOWN FOR REFERENCE ONLY. FINAL SIZE, LOCATION AND QUANTITY TO BE DETERMINED BY SIGNAGE VENDOR. SIGNAGE VENDOR SHALL PERMIT ALL SIGNS UNDER SEPARATE COVER. REFER TO ELECTRICAL DRAWINGS FOR EXTERIOR LIGHTING SPECIFICATIONS. PAINT ALL EXPOSED BRICK LINTELS TO MATCH STOREFRONT. ALL WALL MOUNTED LIGHT FIXTURES TO BE SET IN CONTINUOUS BEAD OF CAULK AND THEN SHALL BE SEALED TO WALL WITH SEPARATE BEAD OF CAULK. CAULK TO MATCH ADJACENT SURFACE. ALL BRICK VENEER SHALL BE A RUNNING BOND, U.N.O. ALL BRICK SHALL BE INSTALLED FLUSH, U.N.O. (EXCEPTIONS INCLUDE: ROWLOCK SILL) 			

CODED NOTES # (NOT ALL CODED NOTES MAY BE USED)	
1.	PRE-FABRICATED METAL CANOPY
2.	MINUTEMAN SIGNAGE. REFER TO SIGNAGE VENDOR DRAWINGS.
3.	LITTLE CAESARS SIGNAGE. REFER TO SIGNAGE VENDOR DRAWINGS.
4.	PAINT DOOR AND FRAME.
5.	EIFS WALL SYSTEM.
6.	EIFS CORNICE.
7.	EIFS TRIM.
8.	DRIVE THRU WINDOW. PROVIDE STAINLESS STEEL SILL.
9.	WALL MOUNTED LIGHT FIXTURE.
10.	PAINT ROOF LADDER.
11.	BRICK VENEER, RUNNING BOND.
12.	BRICK SOLDIER COURSE.
13.	STONE FINISH.
14.	ALUMINUM STOREFRONT.
15.	WOOD CORBELS.
16.	HARDI-BOARD SIDING.

**ALL STOREFRONT WINDOWS TO BE TINTED - COLOR TBD BY OWNER

**AS REQUIRED BY CODE - NECESSARY STOREFRONTS / DRIVE THRU WINDOWS TO BE HURRICANE RATED. SEE CODE FOR EXACT SPECS

CONSTRUCTION DOCUMENTS

VASS, NORTH CAROLINA

REVISIONS		
No.	Date	Description

FOR CONSTRUCTION

SHEET INDEX

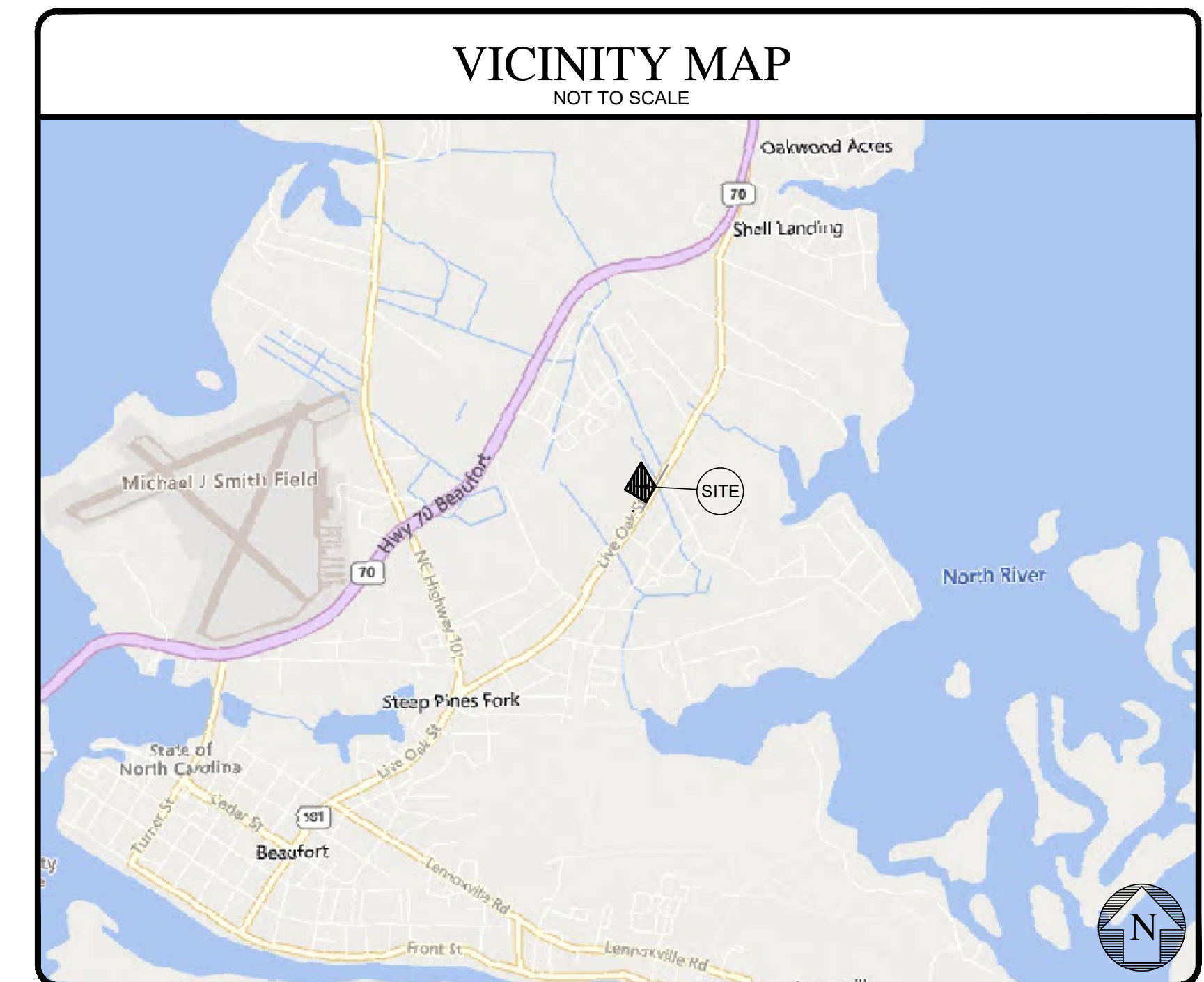
COVER SHEET	C-1
EXISTING CONDITIONS AND DEMOLITION PLAN	C-2
POST DEVELOPMENT DRAINAGE MAP	C-3
EROSION CONTROL PLAN PHASE 1	C-4
EROSION CONTROL PLAN PHASE 2	C-5
SITE & UTILITY PLAN	C-6
LIVE OAK ST TURN LANE EXTENSION	C-7
GRADING PLAN	C-8
LANDSCAPING PLAN	C-9
TRUCK TRACKING PLAN	C-10
SITE DETAILS	D-1
SITE DETAILS	D-2
WATER & SEWER DETAILS	D-3
EROSION CONTROL DETAILS	D-4
EROSION CONTROL DETAILS	D-5
EPA REQUIREMENTS	D-6
STORMWATER DETAILS	D-7

SITE DEVELOPMENT PLANS

FOR

BEAUFORT MINUTE-MAN

LIVE OAK STREET BEAUFORT, NC



ENGINEER CONTACT
 SUMMIT DESIGN & ENGINEERING SERVICES
 MATT HASTINGS, P.E.
 608 BROAD STREET, SUITE C
 SOUTH BOSTON, VA 24592
 (434) 579-4604 (PHONE)
 (434) 575-0617 (FAX)
 MATT.HASTINGS@SUMMITDE.COM

SURVEY CONTACT
 INTRACOASTAL LAND SURVEYING, PLLC
 CHRISTOPHER L. CARROLL, PLS
 P.O. BOX 12050
 WILMINGTON, NC 28405
 (910) 769-0099 (PHONE)
 CHRIS@INTRACOASTALLANDSURVEYING.COM

DEVELOPER/FUTURE OWNER
 RHETSON CAPITAL, LLC
 GREG STEWART
 2075 JUNIPER LAKE RD
 WEST END, NC 27376
 (910) 944-0881 (PHONE)
 PERMITS@RHETSON.COM

GENERAL NOTES:

- CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH TOWN OF BEAUFORT, NCDEQ, AND NCDOT STANDARD SPECIFICATIONS.
- THE GRADE LINES DENOTE THE FINISHED ELEVATIONS OF THE PROPOSED FINISHED PAVEMENT. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING, ENDING, AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO PROVIDE A PROPER TIE-IN.
- UNDERGROUND UTILITIES MAY EXIST ON, ALONG OR WITHIN CONFLICT OF THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING NC 811 OR THE APPROPRIATE UTILITY COMPANIES 3 FULL BUSINESS DAYS PRIOR TO ANY EXCAVATION. **THE CONTRACTOR MUST FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.** IN CASE OF CONFLICT, NOTIFY ENGINEER AND DO NOT CONSTRUCT.
- THE EARTHWORK ON THIS PLAN DOES NOT BALANCE. OFFSITE BORROW OR WASTE WILL BE REQUIRED.
- THE CONTRACTOR SHALL PERFORM ALL CONSTRUCTION IN ACCORDANCE WITH LOCAL CITY, COUNTY AND STATE BUILDING CODES.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE DEMOLITION OF ALL EXISTING ON SITE FACILITIES, ABOVE AND BELOW GROUND. THE CONTRACTOR IS ALSO RESPONSIBLE FOR REMOVAL OF ALL WASTE RESULTING FROM DEMOLITION, AS WELL AS GRADING AND FILLING OF ALL DEPRESSIONS TO INSURE THAT THE SITE REMAINS AESTHETICALLY ACCEPTABLE. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, & FEDERAL RULES & REGULATIONS.
- THE CONTRACTOR SHALL OBSERVE ALL REQUIRED SAFETY PRECAUTIONS IN THE PERFORMANCE OF ALL WORK IN ACCORDANCE WITH OSHA.
- THE CONTRACTOR SHALL GRADE, SEED AND SOD OR OTHERWISE PROVIDE TEMPORARY AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, ESPECIALLY SLOPES. SEE EROSION CONTROL INSTRUCTIONS, IF APPLICABLE.
- WORK WITHIN PUBLIC RIGHT-OF-WAYS SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REQUIREMENTS, NOTIFICATIONS, STANDARDS AND POLICIES.
- ANY SUBSTITUTIONS, CHANGES, OR MODIFICATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER, PLANNING DEPARTMENT STAFF, AND DEVELOPER.
- PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR CONSTRUCTION. THE CONTRACTOR SHALL READ ALL PERMITS AND ENSURE THAT CONSTRUCTION COMPLIES WITH THE PERMITS. REQUIRED PERMITS MAY INCLUDE, BUT ARE NOT LIMITED TO: CITY/COUNTY APPROVALS/PERMITS, VDOT PERMITS, DRIVEWAY PERMITS, EROSION CONTROL PERMITS, VIDEO PERMITS, ENVIRONMENTAL PERMITS, STREAM CROSSING PERMITS, USACE/DOW PERMITS, AND STORMWATER PERMITS. IF THE CONTRACTOR HAS QUESTIONS ABOUT PERMIT LANGUAGE, OR THE NEED FOR A PERMIT, HE MUST CONTACT THE DEVELOPER AND THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- THE GRADING CONTRACTOR MUST MAINTAIN COPIES OF THE LAND DISTURBANCE PERMIT AND THE NPDES PERMIT ONSITE. HE MUST READ AND FOLLOW THE CONDITIONS OF THE PERMITS.
- THE CONTRACTOR MUST VERIFY ALL FIELD ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY VARIATION OF FIELD ELEVATIONS.

CONSTRUCTION SEQUENCE:

- OBTAIN APPROVED SET OF CONSTRUCTION DRAWINGS. A ZONING COMPLIANCE PERMIT FROM TOWN OF BEAUFORT AND A LAND DISTURBANCE PERMIT SHALL BE REQUIRED BEFORE THE ONSET OF ANY GRADING ACTIVITY. KEEP A COPY OF BOTH ITEMS ONSITE THROUGHOUT CONSTRUCTION. SEE PUBLIC SERVICE CONTACTS ON THIS SHEET. CONTACT TOWN OF BEAUFORT ENGINEERING & NCDEQ WILMINGTON REGIONAL OFFICE (SEE PUBLIC SERVICE CONTACTS ON THIS SHEET) - 48 HOURS PRIOR TO INITIATING LAND DISTURBANCE ACTIVITIES. EROSION AND SEDIMENT CONTROL (E&SC) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE AND LAND DISTURBING ACTIVITIES OCCUR. THE COC CAN BE OBTAINED BY FILLING OUT THE ELECTRONIC NOTICE OF INTENT (E-NOI) FORM AT DEQ.NC.GOV/NOI. PLEASE NOTE, THE E-NOI FORM MAY ONLY BE FILLED OUT ONCE THE PLANS HAVE BEEN APPROVED. A COPY OF THE E&SC PERMIT, THE COC, AND A HARD COPY OF THE PLAN MUST BE KEPT ON SITE, PREFERABLY IN A PERMITS BOX, AND ACCESSIBLE DURING INSPECTION.
- PER NPDES REQUIREMENTS, A RAIN GAUGE, SELF-INSPECTION REPORTS, EROSION CONTROL PERMIT, COC, AND THE E&SC PLAN ARE REQUIRED TO BE MAINTAINED ON SITE AND ACCESSIBLE DURING INSPECTION. IT IS RECOMMENDED THAT THESE ITEMS BE PLACED IN A PERMIT BOX AT THE BEGINNING OR ENTRANCE OF THE PROJECT.
- INSTALL CONSTRUCTION ENTRANCE, TREE PROTECTION FENCE, SILT FENCE, AND SILT FENCE OUTLETS PRIOR TO ANY LAND DISTURBING ACTIVITIES (INCLUDING ANY TREE CLEARING OR DEMOLITION). CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES AS SPECIFIED ON THE APPROVED PLAN SHEET. INSTALL ALL OTHER EROSION CONTROL MEASURES AS REQUIRED BY NCDENR INCLUDING SKIMMER BASINS, BARRIERS, AND DIVERSION DITCHES AS NEEDED. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES. INSTALL TEMPORARY DIVERSIONS TO DIRECT FLOW TO SKIMMER BASIN. SEED TEMPORARY DIVERSIONS, BERMS, AND BASINS IMMEDIATELY AFTER INSTALLATION. INSTALL COIR WATTLES OR CHECK DAMS IN TEMPORARY DIVERSIONS.* (GS 113A-57(3), 15A NCAC 04B .0113)
- INSTALL PHASE 1 SKIMMER BASIN AS SHOWN ON E&S SHEET C-4 AND CORRESPONDING DETAIL SHEETS.
- TEMPORARILY SEED, MULCH, ANCHOR AND STABILIZE ALL EROSION CONTROL DEVICES IMMEDIATELY AFTER CONSTRUCTION.
- BEGIN CLEARING AND GRUBBING VEGETATION AND DEMOLITION OF OTHER SITE ITEMS AS SHOWN ON THE E&S PLAN AS WELL AS THE EXISTING CONDITIONS PLAN. DISPOSE OF ALL WASTE MATERIALS IN ACCORDANCE WITH THE APPROVED SOLID WASTE MANAGEMENT PLAN AND ALL APPLICABLE GUIDELINES OF TOWN OF BEAUFORT.
- BEGIN CUT/FILL ACTIVITIES TO OBTAIN FINISHED GRADES AS SHOWN ON THE PLANS.
- AS FILL ACTIVITIES PROGRESS CONTRACTOR SHALL RAISE THE SKIMMER BASIN DAM SIMULTANEOUSLY UNTIL THE BASIN IS CONSTRUCTED IN ACCORDANCE WITH SHEET C-5. THE BASIN WILL REMAIN IN THIS STATE UNTIL PERMANENT SCM CONVERSION. PERMANENT BASIN RISER AND PIPE SHALL BE INSTALLED AT THIS TIME BUT TO REMAIN CAPPED.
- PREPARE A SOIL STOCKPILE/SPOIL AREA AS SHOWN ON E&S PLANS. STOCKPILES, LAYDOWN OR WASTE AREAS, CONCRETE WASHOUTS, PORTABLE TOILETS, AND FUELS MUST BE LOCATED AT LEAST 50' AWAY FROM ANY OPEN WATER CONVEYANCES, SUCH AS BASINS, DITCHES, STORM DRAIN INLETS, ETC.
- TEMPORARY SEED AS CONDITIONS WARRANT THE NEED IN AREAS WITH NO CURRENT WORK.
- INSTALL UTILITIES AS CUT/FILL ACTIVITIES PROMOTE.
- CONTINUE MAINTENANCE AND INSPECTION OF EROSION CONTROL DEVICES AFTER RUNOFF PRODUCING STORM EVENTS. **NO DISTURBED AREA IS TO BE LEFT WITHOUT PROTECTIVE COVER (MULCH OR STRAW / TACK) AFTER COMPLETION OF CONSTRUCTION OR DEVELOPMENT ACTIVITIES PER THE TIME FRAMES ESTABLISHED IN THE STABILIZATION CHART ON SHEET C-4. DURING CONSTRUCTION OR DEVELOPMENT ACTIVITIES, ANY DISTURBED AREAS SHALL BE PROTECTED AND STABILIZED ACCORDING TO THE STABILIZATION TIMEFRAME CHART. DISTURBED AREAS FOR ANY PORTION OF THE SITE SHALL BE STABILIZED WITHIN 7 DAYS UPON COMPLETION OF CONSTRUCTION OR DEVELOPMENT ACTIVITIES IN THAT AREA.**
- INSTALL SUBGRADE STONE PER PLANS AND BEGIN CONSTRUCTION STAKING ACTIVITIES.
- BEGIN BUILDING AND PARKING LOT CONSTRUCTION.
- NO SEDIMENT CONTROL MEASURES ARE TO BE REMOVED WITHOUT APPROVAL OF NCDEQ AND TOWN OF BEAUFORT.
- UPON ACHIEVING ROUGH GRADE OF FINISHED ELEVATIONS AND ALL NECESSARY GRADING ACTIVITIES, APPLY TOPSOIL A MINIMUM OF 4" THICK TO ALL AREAS REQUIRING PERMANENT VEGETATION.
- APPLY FERTILIZER, LIME, PERMANENT SEEDING OR SOD TO ALL FINISHED AREAS PER THE DETAILS SHEET.
- INSTALL BLANKET MATTING ON ALL SLOPES 3:1 OR GREATER. WHEN THE SITE IS STABILIZED, MAT SLOPES IN SUMMER AND WINTER. GRADED SLOPES AND FILLS SHALL BE PROTECTED WITH A ROLLED EROSION CONTROL PRODUCT IF COMPLETED OUTSIDE OPTIMUM GERMINATION SEASONS, WHEN UNFAVORABLE WEATHER CONDITION PREVENT ESTABLISHMENT OF VEGETATED GROUND COVER.
- ONCE THE SITE IS STABILIZED, CONTACT NCDEQ & TOWN OF BEAUFORT FOR BASIN CONVERSION AUTHORIZATION. UPON NCDEQ & TOWN OF BEAUFORT AUTHORIZATION CONVERT TO THE PERMANENT STRUCTURE. DEWATERING SHALL OCCUR THROUGH A SILT SOCK, REMOVING & DISPOSING OF ACCUMULATED SEDIMENT, REMOVING THE SKIMMER, CONVERTING RISER STRUCTURE, SEEDING & CONSTRUCTING IN ACCORDANCE W/ PLAN SHEET D-7.
- ONCE ALL CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND THE SITE HAS BEEN STABILIZED WITH PERMANENT VEGETATION CONTACT NCDEQ FOR AUTHORIZATION TO REMOVE REMAINING PERIMETER MEASURES AND STABILIZE ANY REMAINING BARE AREAS.
- WHEN ALL WORK IS FINISHED, CONTACT NCDEQ TO SCHEDULE A CLOSE-OUT INSPECTION. AFTER NCDEQ INFORMS THE PERMITTEE OF THE PROJECT CLOSE OUT, VIA INSPECTION REPORT, THE PERMITTEE SHALL VISIT DEQ.NC.GOV/NOI TO SUBMIT AN ELECTRONIC NOTICE OF TERMINATION (E-NOT). A \$100 ANNUAL GENERAL PERMIT FEE WILL BE CHARGED UNTIL THE E-NOT HAS BEEN FILLED OUT.



SITE LOCATION MAP
NOT TO SCALE

NO.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

COPYRIGHT © 2017
 SUMMIT DESIGN AND
 ENGINEERING SERVICES
 DRAWING ALTERATION
 THIS DOCUMENT IS THE PROPERTY OF
 SUMMIT DESIGN AND ENGINEERING SERVICES.
 IT IS TO BE USED ONLY FOR THE PROJECT AND
 LOCATION SPECIFICALLY IDENTIFIED IN THIS
 DOCUMENT. ANY REUSE, REPRODUCTION,
 OR ALTERATION OF THIS DOCUMENT IN ANY
 MANNER WITHOUT THE WRITTEN PERMISSION
 OF SUMMIT DESIGN AND ENGINEERING
 SERVICES IS STRICTLY PROHIBITED.

PROJECT ENGINEER/ARCHITECT
 MATT HASTINGS@SUMMITDE.COM
 PROJECT MANAGER
 MATT HASTINGS@SUMMITDE.COM
 DRAWN BY
 MATT HASTINGS@SUMMITDE.COM
 FIRST ISSUE DATE
 11-29-2025



PUBLIC SERVICE CONTACTS :

WATER & SEWER: TOWN OF BEAUFORT PUBLIC UTILITIES
 301 FREEDOM PARK ROAD
 BEAUFORT, NC 28516
 (910) 253-2600
 CONTACT: SAMUEL BELL
 SB.BELL@BEAUFORTNC.ORG
 (252) 728-2141 EXT. 234

FIRE: BEAUFORT FIRE DEPARTMENT STA. 54
 506 LIVE OAK STREET
 BEAUFORT, NC 28516
 (252) 728-4325

ELECTRIC: DUKE ENERGY PROGRESS
 NEW BERN, NC 28562
 (800) 452-2777

STATE ROADWAYS: NCDOT DIVISION 2, DISTRICT 1
 ROBBY L. TAYLOR
 1701 W 5TH STREET
 WASHINGTON, NC 27889
 (252) 623-5000
 RLTAYLOR@NCDOT.GOV

STORMWATER (NCDEQ): NCDEQ WILMINGTON REGIONAL OFFICE
 127 CARDINAL DRIVE EXT.
 WILMINGTON, NC 28405
 (910) 796-7215
 CONTACT: CHRISTINE HALL
 CHRISTINE.HALL@DEQ.NC.GOV
 (910) 796-7339

E&S (NCDEQ): NCDEQ WILMINGTON REGIONAL OFFICE
 127 CARDINAL DRIVE EXT.
 WILMINGTON, NC 28405
 (910) 796-7215
 CONTACT: CHRISTINE HALL
 CHRISTINE.HALL@DEQ.NC.GOV
 (910) 796-7339

BUILDING INSPECTIONS: BEAUFORT PLANNING & INSPECTIONS
 701 FRONT STREET
 BEAUFORT, NC 28516
 (252) 728-2141

PLANNING: BEAUFORT PLANNING & INSPECTIONS
 701 FRONT STREET
 BEAUFORT, NC 28516
 (252) 728-2141

SUMMIT
 DESIGN AND ENGINEERING SERVICES
 State License #: P-0339
 320 Executive Court
 Hillsborough, NC 27278
 Voice: (919) 732-3883 Fax: (919) 732-6676
 www.summitde.com

TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
 LIVE OAK STREET
 BEAUFORT, NC

COVER SHEET

PROJECT NO.
25-0099
 DRAWING NAME:

 SHEET NO.
C-1

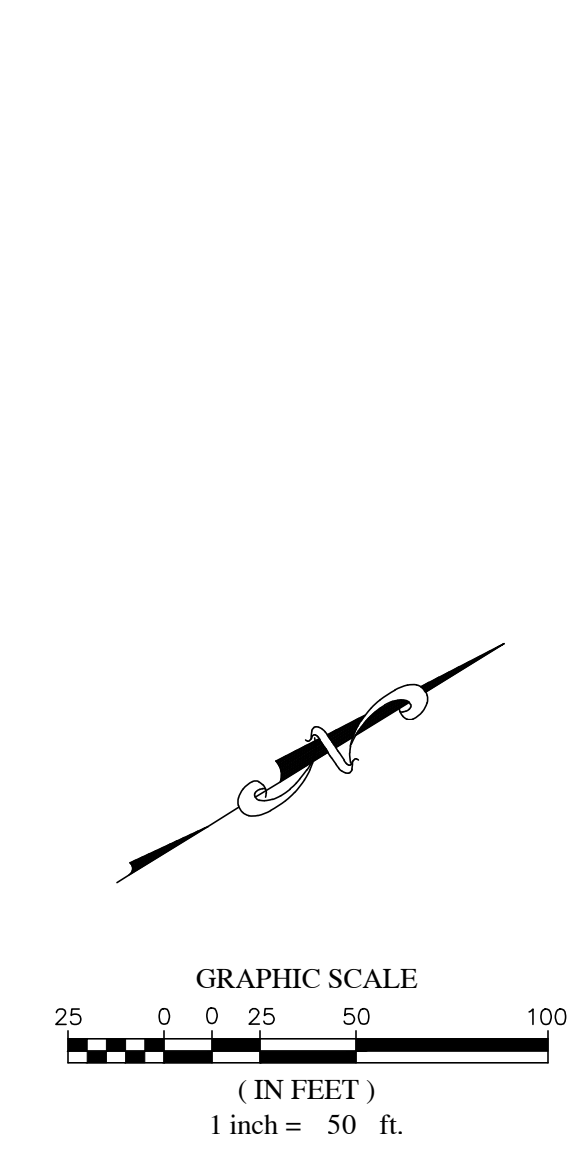
CONTRACTOR SHALL NOTIFY "NC811" (811) OR (1-800-632-4849) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NC811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

EXISTING CONDITIONS/SURVEY NOTES:

1. TOPOGRAPHIC SURVEY, DATA AND LOCATIONS BY INTRACOASTAL LAND SURVEYING, PLLC (SEE COVER SHEET).
2. ALL MEASUREMENTS ARE HORIZONTAL GROUND DISTANCES AND AREAS HAVE BEEN CALCULATED BY COORDINATE METHOD.
3. THE LOCATION OF UNDERGROUND UTILITIES ARE SHOWN BASED ON VISIBLE EVIDENCE AND DRAWINGS PROVIDED TO THE SURVEYOR. EXACT LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES MAY VARY FROM THAT SHOWN AND ADDITIONAL BURIED UTILITIES MAY EXIST. CONTACT THE APPROPRIATE UTILITY COMPANIES FOR INFORMATION REGARDING BURIED UTILITIES. SPECIAL CARE SHALL BE EXERCISED DURING ANY SUBGRADE WORK OR DEMOLITION TO PREVENT UNINTENDED LOSS OF SERVICE TO SURROUNDING PROPERTIES.
4. THERE ARE NO SURFACE WATERS, PROTECTED VEGETATED SETBACKS, OR PROTECTED RIPARIAN BUFFERS ON THIS SITE.
5. THERE ARE NO EXISTING WETLANDS ON THIS SITE.
6. THIS PROPERTY IS WITHIN THE WHITE OAK RIVER BASIN.

DEMOLITION NOTES:

1. ALL DEMOLITION, TRANSPORT, AND DISPOSAL OF WASTE MATERIALS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE TOWN, COUNTY, STATE AND FEDERAL REGULATIONS.
2. REGULATED MATERIALS SUCH AS ASBESTOS, LEAD, ETC. MAY EXIST ON SITE AND SHALL BE IDENTIFIED AND A PLAN FOR DEMOLITION AND DISPOSAL PRESENTED TO AND APPROVED BY THE CITY/COUNTY AND OWNERS PRIOR TO COMMENCING DEMOLITION ON CORRESPONDING STRUCTURES.
3. THE LOCATIONS OF ALL EXISTING FEATURES SHOWN ON THIS SHEET WERE PROVIDED AS PART OF THE SURVEY REFERENCED ON THIS SHEET. OTHER UNIDENTIFIED UTILITIES OR SITE FEATURES MAY EXIST AND SPECIAL CARE SHALL BE EXERCISED DURING ANY SUBGRADE WORK OR DEMOLITION TO PREVENT UNINTENDED LOSS OF SERVICE TO SURROUNDING PROPERTIES.
4. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS FOR WORK IN THE NCDOT RIGHTS OF WAY. ANY DAMAGED INFRASTRUCTURE IN THE RIGHTS-OF-WAY CAUSED BY CONSTRUCTION ACTIVITIES MUST BE REPAIRED TO NCDOT STANDARDS. THIS INCLUDES, BUT IS NOT LIMITED TO UTILITIES, CURB & GUTTER, PAVEMENT, SIGNS AND ROADSIDE SWALES.



UTILITIES LEGEND:

- | | |
|------------------|-------------------------------|
| EXIST / PROPOSED | WATER VALVE |
| | FIRE HYDRANT |
| | WATER METER |
| | FIRE DEPT. CONNECTION (FDC) |
| | REDUCER |
| | PLUG & BLOCK |
| | MECHANICAL JOINT / BEND |
| | POST INDICATOR VALVE (PIV) |
| | AIR RELEASE VALVE (ARV) |
| | SANITARY SEWER MANHOLE |
| | SEWER CLEAN OUT |
| | CURB INLET |
| | DROP INLET |
| | LUNCLIN BOX |
| | FLARED END SECTION (FES) |
| | POWER POLE |
| | COMMUNICATION BOX |
| | EXISTING WATER MAIN |
| | PROPOSED WATER MAIN / SERVICE |
| | EXISTING GAS MAIN |
| | PROPOSED GAS MAIN |
| | EXISTING OVERHEAD ELECTRIC |
| | PROPOSED UNDERGROUND ELECTRIC |
| | EXISTING SEWER MAIN |
| | PROPOSED SEWER MAIN / SERVICE |
| | EXISTING STORM PIPE |
| | PROPOSED STORM PIPE |
| | TREE LINE |
| | TREE CLEARING LINE |

LOT 1
ZONING: B-1
THE 4 SISTERS-00,
LLC & CGW, INC.
PROPERTIES
SUBDIVISION
MB 32 PG 32

NOW OR FORMERLY
4 SISTERS-00 LLC
DB 898 PG 004

PID: 730612967426000
LOT 2
DB 781 PG 208
3.76 ACRES±
VACANT

PRE DA 1
AREA - 3.92 AC
OVERLAND - 100' @ 0.4%
SHALLOW CONC - 329' @ 0.3%
CHANNEL - 125' @ 0.2%
WOODS - 3.45 AC (88%)
GRASS - 0.47 AC (12%)

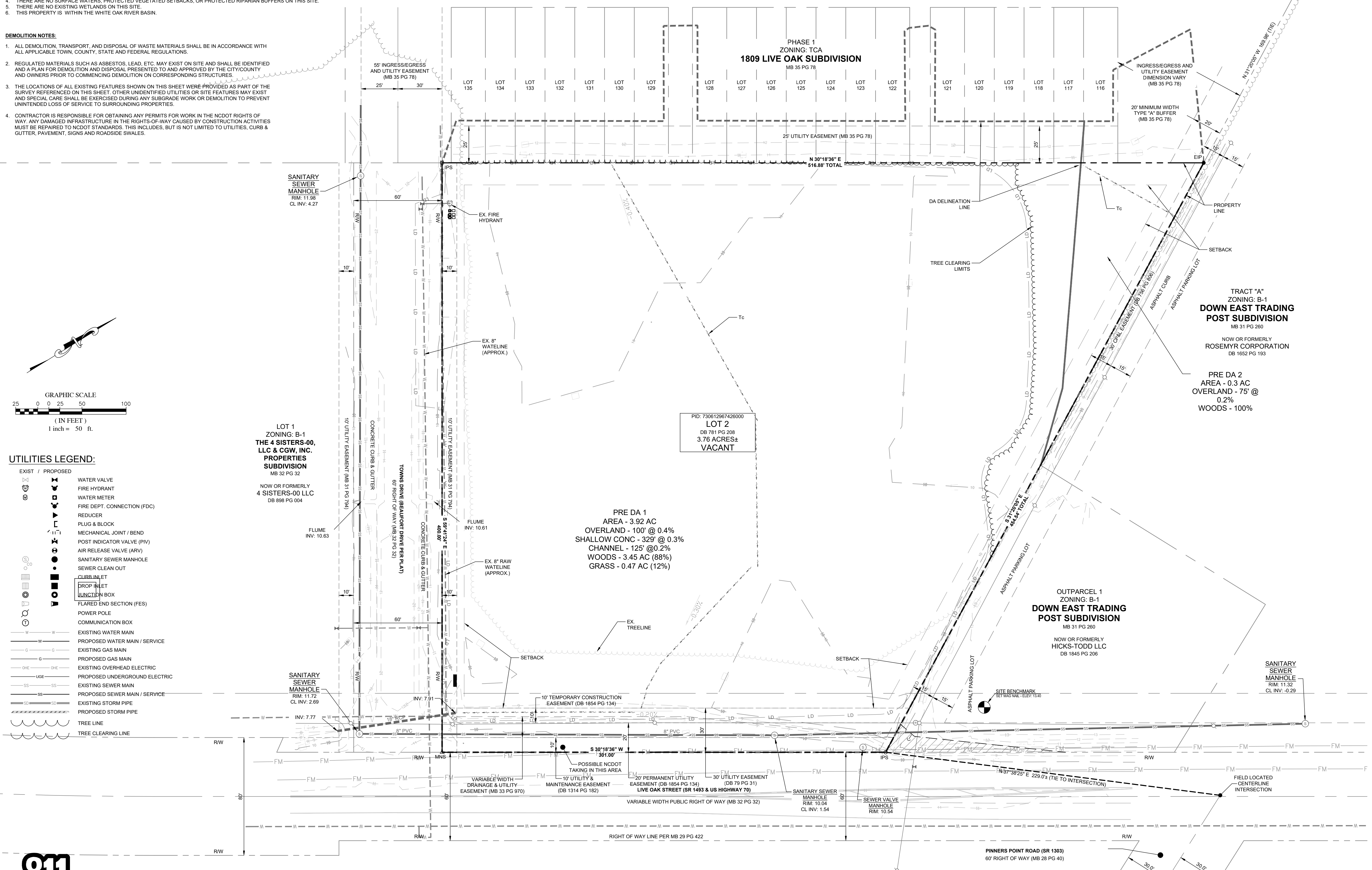
TRACT "A"
ZONING: B-1
DOWN EAST TRADING
POST SUBDIVISION
MB 31 PG 260

NOW OR FORMERLY
ROSEMYR CORPORATION
DB 1652 PG 193

PRE DA 2
AREA - 0.3 AC
OVERLAND - 75' @
0.2%
WOODS - 100%

OUTPARCEL 1
ZONING: B-1
DOWN EAST TRADING
POST SUBDIVISION
MB 31 PG 260

NOW OR FORMERLY
HICKS-TODD LLC
DB 1845 PG 206

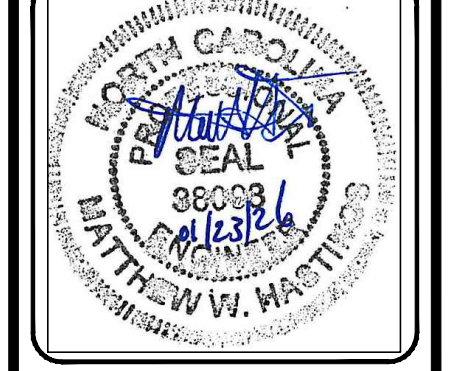


CONTRACTOR SHALL NOTIFY "811" (811) OR (1-800-632-4949) AT LEAST 3 FULL BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "811". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

NO.	DATE	BY
7		
6		
5		
4		
3		
2		
1		

COPYRIGHT © 2017
SUMMIT DESIGN AND
ENGINEERING SERVICES
DRAWING ALTERATION
PROJECT MANAGER
MWH/MT/HASTINGS@SUMMITDE.COM
MWH/MT/HASTINGS@SUMMITDE.COM
ENGINEER, LANDSCAPE ARCHITECT, OR
UNLESS ACTING UNDER THE DIRECTORSHIP OF
THE BOARD OF PROFESSIONAL ENGINEERS
BY ANY TITLE OR OTHERWISE, THIS DOCUMENT
IN ANY WAY, ANY LICENSE OR
NOTATION VALIDATED BY FOLLOWING THE
DESCRIPTION OF THE ALTERNATION.

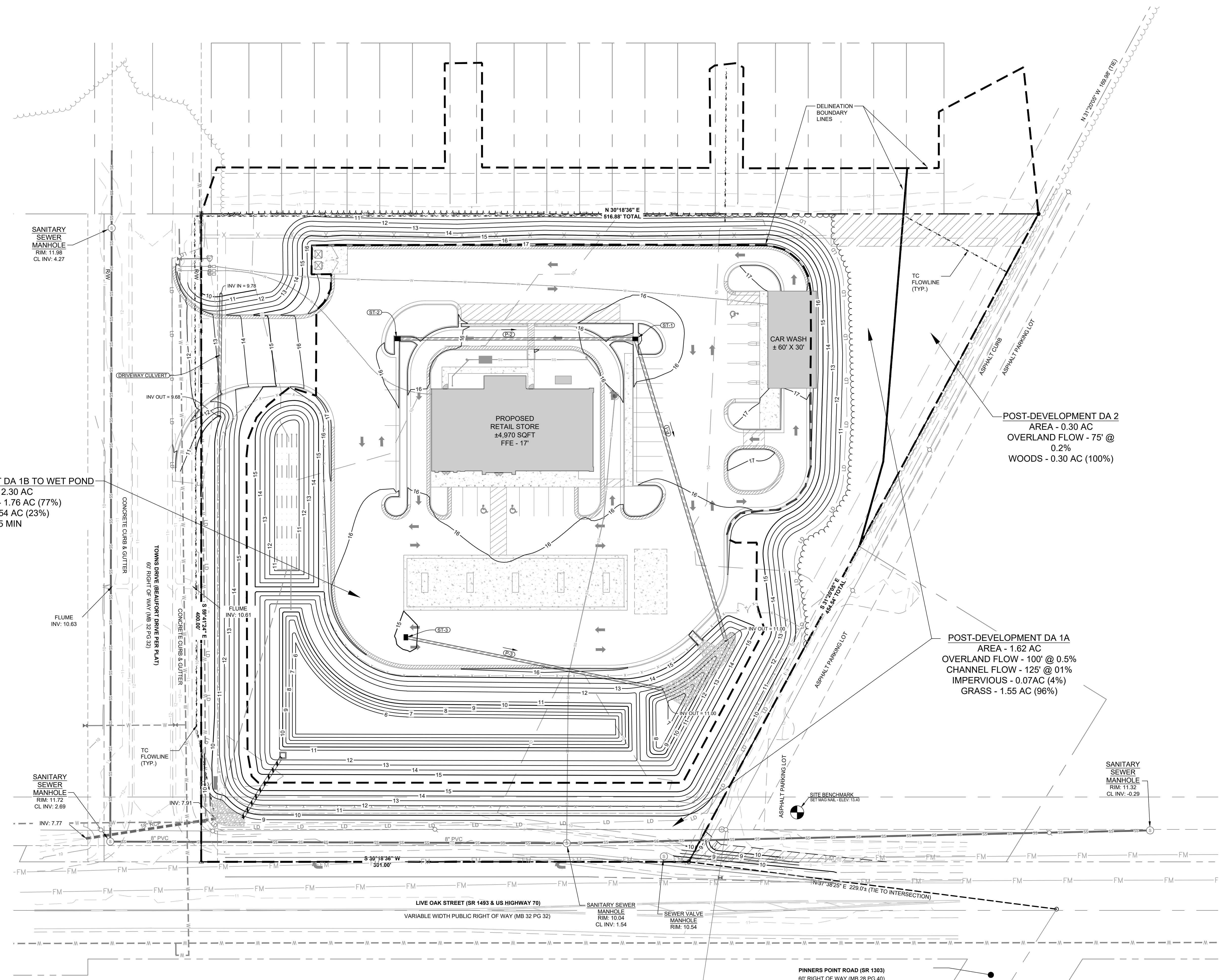
PROJECT ENGINEER/ARCHITECT
MWH/MT/HASTINGS@SUMMITDE.COM
PROJECT MANAGER
MWH/MT/HASTINGS@SUMMITDE.COM
DRAWN BY
MWH/MT/CHRELL@SUMMITDE.COM
FIRST ISSUE DATE
10-29-2025



SUMMIT
DESIGN AND ENGINEERING SERVICES
State License #: P-0339
330 Executive Court
Hillsborough, NC 27278
Voice: (919) 732-3883 Fax: (919) 732-6676
www.summitde.com

TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
LIVE OAK STREET
BEAUFORT, NC
**EXISTING CONDITIONS &
DEMOLITION PLAN**

PROJECT NO.
25-0099
DRAWING NAME:
25-0099_XC
SHEET NO.
C-2



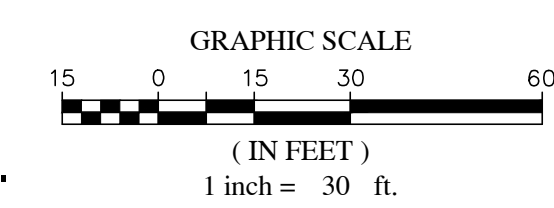
POST-DEVELOPMENT DA 1B TO WET POND
 AREA - 2.30 AC
 IMPERVIOUS - 1.76 AC (77%)
 GRASS - 0.54 AC (23%)
 Tc - 5 MIN

POST-DEVELOPMENT DA 2
 AREA - 0.30 AC
 OVERLAND FLOW - 75' @ 0.2%
 WOODS - 0.30 AC (100%)

POST-DEVELOPMENT DA 1A
 AREA - 1.62 AC
 OVERLAND FLOW - 100' @ 0.5%
 CHANNEL FLOW - 125' @ 01%
 IMPERVIOUS - 0.07AC (4%)
 GRASS - 1.55 AC (96%)

GRADING & STORM LEGEND:

- EXISTING WATER METER
- EXISTING CLEANOUT
- EXISTING FIRE HYDRANT
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING BOLLARD
- EXISTING POST INDICATOR VALVE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING ELECTRIC ACCESS
- EXISTING GAS METER
- EXISTING GAS REGULATOR
- EXISTING WATER VALVE
- EXIST / PROPOSED
- CURB INLET
- DROP INLET
- JUNCTION BOX
- FLARED END SECTION (FES)
- EXISTING STORM PIPE
- PROPOSED STORM PIPE
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE & TREE PROTECTION FENCE
- TREE PROTECTION FENCE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WOODS LINE

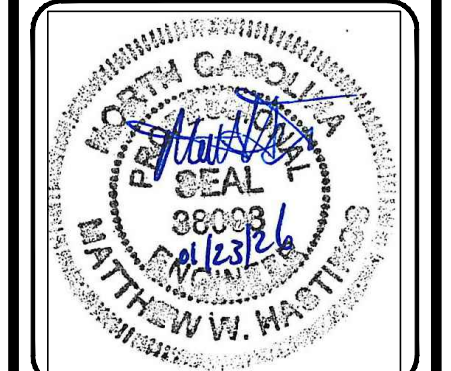


811
 Know what's below.
 Call before you dig.

NO.	DATE	BY
7		
6		
5		
4		
3		
2		
1		

COPYRIGHT © 2017
 SUMMIT DESIGN AND
 ENGINEERING SERVICES
 DRAWING ALTERATION
 THE INFORMATION CONTAINED
 HEREIN IS THE PROPERTY OF
 SUMMIT DESIGN AND ENGINEERING
 SERVICES, INC. ANY REUSE OR
 REPRODUCTION OF THIS DOCUMENT
 WITHOUT THE WRITTEN PERMISSION
 OF SUMMIT DESIGN AND ENGINEERING
 SERVICES, INC. IS PROHIBITED.

PROJECT ENGINEER/ARCHITECT
 MIAMI HASTINGS@SUMMITDE.COM
 PROJECT MANAGER
 MIAMI HASTINGS@SUMMITDE.COM
 DRAWN BY
 MIAMI CHELL MARTIN@SUMMITDE.COM
 FIRST ISSUE DATE
 10-29-2025



SUMMIT
 DESIGN AND ENGINEERING SERVICES
 State License #: P-0339
 330 Executive Court
 Elizabeth, NC 27278
 Voice: (919) 732-3883 Fax: (919) 732-6676
 www.summitde.com

TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
 LIVE OAK STREET
 BEAUFORT, NC
 POST DEVELOPMENT DRAINAGE MAP

PROJECT NO.
25-0099
 DRAWING NAME:
 25-0099_S
 SHEET NO.
C-3

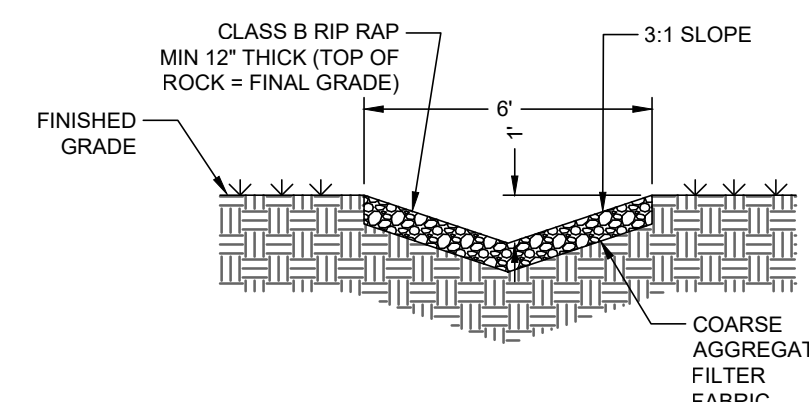
EROSION CONTROL & MAINTENANCE PLAN NOTES:

- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS, SPECIFICATIONS AND DETAILS OF THE NORTH CAROLINA EROSION & SEDIMENT CONTROL PLANNING & DESIGN MANUAL.
- RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
- PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATION OF MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
- CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST EVERY 14 DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.
- INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR COUNTY. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
- CARE SHALL BE TAKEN TO MINIMIZE THE ENCROACHMENT OF SEDIMENT INTO ALL STORM DRAIN APURTENANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
- ALL AREAS NOT SHOWN AS PAVEMENT OR BUILDING UNDER FINAL CONSTRUCTION SHALL BE TEMPORARILY AND PERMANENTLY SEEDED AS REQUIRED.
- ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) AND ALL SWALES SHALL UTILIZE NORTH AMERICAN GREEN (NAG) CONSTRUCTION PRODUCTS TURF REINFORCEMENT MATS SC150 OR APPROVED EQUAL UNLESS OTHERWISE SPECIFIED ON PLANS. MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.

- THE CONTRACTOR SHALL PROVIDE COPIES OF VALID PERMITS FOR ANY OFFSIDE BORROW OR WASTE AREAS.
- THE APPROVAL OF THIS PLAN BY NCEQ DEMLR DOES NOT ABSOLVE THE OWNER/OPERATOR FROM OBTAINING PERMITS FROM OTHER AGENCIES (I.E. VANCE COUNTY, DWR, DWM, USACE, DAO, ETC.).
- NO TIMBERING OR DEMOLITION OF EXISTING STRUCTURES WILL BE ALLOWED UNTIL PLAN IS APPROVED.
- PERMETER MEASURES MUST BE LEFT IN PLACE UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED. AFTER SITE IS PERMANENTLY STABILIZED, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND PROVIDE PERMANENT SEEDING WHERE TEMPORARY MEASURES HAVE BEEN REMOVED AND GROUND COVER IS NOT ADEQUATE. SEDIMENT BASINS MAY NOT BE REMOVED OR CONVERTED TO PERMANENT SCMS UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED. (GS 113A-57(3), 15A NCAC 04B .0113).
- SELF-INSPECTION FORMS WERE UPDATED ON 07/01/2020. PLEASE ENSURE NEW VERSION OF FORMS IS USED. (GS 113A-54.1 (E), 15A NCAC 04B.0131, NCG01 PART III SECTIONS A AND B)
- THE DEVELOPER IS RESPONSIBLE FOR THE CONTROL OF SEDIMENT ON-SITE. IF THE APPROVED EROSION AND SEDIMENTATION CONTROL MEASURES PROVE INSUFFICIENT, THE DEVELOPER MUST TAKE THOSE ADDITIONAL STEPS NECESSARY TO STOP SEDIMENT FROM LEAVING THIS SITE. (GS 113A-57(3))
- PERFORMANCE OF SILT FENCE OUTLETS MAY BE IMPROVED WITH SMALL, EXCAVATED PITS IN FRONT OF DEVICE. (GS 113A-57(3), 15A NCAC 04B .0105, 15A NCAC 04B .0106(5), GS113A-57(4), NCG01 PART II SECTION B (5))
- THE SILT BAG(S) WILL BE CONTINUOUSLY MONITORED DURING OPERATION. (GS 113A-57(3), 15A NCAC 04B .0113)
- CONSTRUCTION SPECIFICATIONS FOR THE SKIMMER BASIN ARE SHOWN ON THE DETAIL SHEET & THEY INCLUDE THE EXCAVATION, EMBANKMENT CONSTRUCTION, SPILLWAY CONSTRUCTION, AND SKIMMER BASIN INSTALLATION. AN IMPERMEABLE LINER IS TO BE INSTALLED ON THE SPILLWAY. THE EMERGENCY SPILLWAY IS TO BE INSTALLED IN CUT OR UNDISTURBED GROUND (NOT OVER THE SKIMMER PIPE). INCLUDE A STONE PAD FOR THE SKIMMER TO REST UPON AND A ROPE ATTACHED TO THE SKIMMER FOR MAINTENANCE IN THE PLAN DETAIL. THE BASIN SURFACE AREA DIMENSIONS, DEPTH, SIDE SLOPES, DAM HEIGHT, EMBANKMENT WIDTH, LENGTH OF EMERGENCY SPILLWAY, SKIMMER SIZE, SKIMMER ORIFICE SIZE, AND DEWATERING TIME ARE ON THE PLAN SHEETS. (GS 113A-57(3), 15A NCAC 04B .0113)
- INSTALL SILT FENCING OVER AND AROUND TOP OF CULVERTS TO PREVENT EROSION AROUND PIPE. PROVIDE SILT FENCE ALONG STREAM BANK TO PREVENT SEDIMENT LOSS INTO THE STREAM. (GS 113A-57(3))

CONSTRUCTION ENTRANCE NOTES:

- CONSTRUCTION ENTRANCE SHALL BE 12' MINIMUM WIDTH AND 70' MINIMUM LENGTH AND 6" MINIMUM THICKNESS OF STONE (1.5"-3.5") COARSE AGGREGATE WITH GEOTEXTILE UNDERLINER. SEE SHEET D-2
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5"-3.5" STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT OF ANY STRUCTURE USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- WHEELS MUST BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN LOCATED PER THE CITY OR STATE REQUIREMENTS.



INLET/OUTLET PROTECTION RIP RAP CHANNEL

- BASIN INLET PROTECTION MAINTENANCE:**
- RIPRAP SHOULD BE CHECKED AT LEAST ANNUALLY AND AFTER EVERY MAJOR STORM FOR DISPLACED STONES, SLUMPING, AND EROSION AT EDGES, ESPECIALLY DOWNSTREAM OR DOWNSLOPE. IF THE RIPRAP HAS BEEN DAMAGED, IT SHOULD BE REPAIRED IMMEDIATELY BEFORE FURTHER DAMAGE CAN TAKE PLACE.
 - WOODY VEGETATION SHOULD BE REMOVED FROM THE ROCK RIPRAP ANNUALLY BECAUSE TREE ROOTS WILL EVENTUALLY DISLodge THE RIPRAP.
 - IF THE RIPRAP IS ON A CHANNEL BANK, THE STREAM SHOULD BE KEPT CLEAR OF OBSTRUCTIONS SUCH AS FALLEN TREES, DEBRIS, AND SEDIMENT BARS THAT MAY CHANGE FLOW PATTERNS, WHICH COULD DAMAGE OR DISPLACE THE RIPRAP.

STABILIZATION TIMEFRAMES

Site Area Description	Stabilization	Timeframe Exceptions
Perimeter dikes, swales, ditches and slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length
All other areas with slopes flatter than 4:1	14 days	None, except for perimeters and HQW zones

- NOTES:**
- ALL SLOPES 3:1 AND STEEPER, AND DITCHES SHALL BE STABILIZED WITHIN 7 DAYS AND BE LINED WITH BLANKET MATTING.
 - PERMANENT GROUND COVER WILL BE PROVIDED FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR NO MORE THAN 90 CALENDAR DAYS (WHICHEVER IS SHORTER).
 - ROADSIDE DITCHES MUST HAVE MATTING IMMEDIATELY UPON CONSTRUCTION OR BY END OF DAY IF CONSTRUCTION CANNOT BE COMPLETED IN ONE DAY.

THERE ARE NO STREAMS OR WETLANDS PRESENT ON THE PROJECT SITE.

DISTURBED AREA
3.29 ACRES

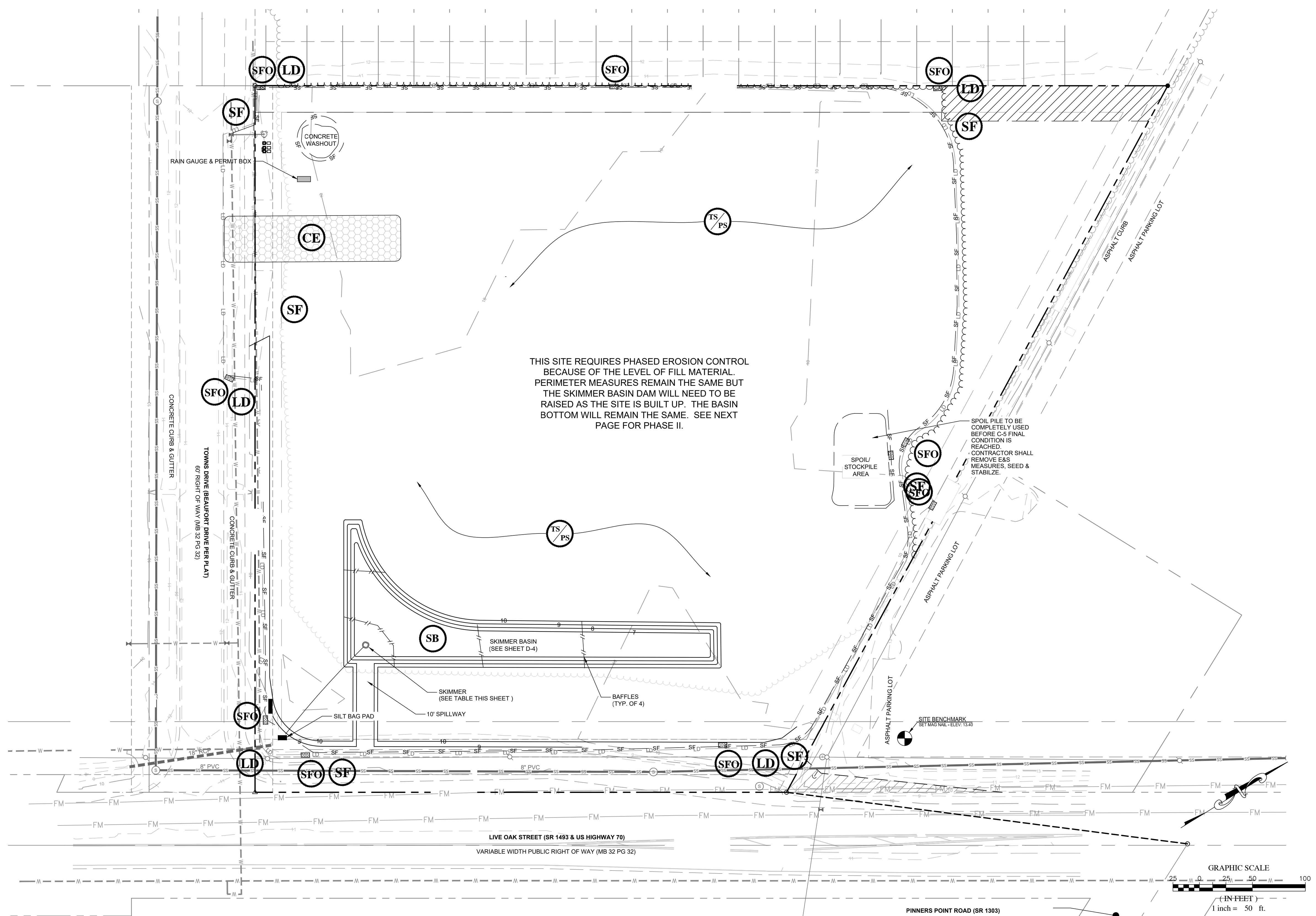
SKIMMER BASIN PHASE I

DRAINAGE AREA (acres):	2.3	
Q25 (C/A) 0.45" 5.7 in/hr 2.3 acres	5.90	
Q25 (cf/s)	5.90	
BASIN INFORMATION	REQUIRED PROVIDED @ SPILLWAY	
SURFACE AREA (sf):	1918	5890
VOLUME (cf):	4140	9543
DEPTH (ft):	2	2
WEIR WIDTH (ft):	10	10
TOP BANK ELEV (ft):	10	10
BOTTOM TRAP ELEV (ft):	7	7
WEIR ELEV (ft):	9	9
DESIGN STORM ELEV (ft):	9.2	9.2
SKIMMER SIZE (in):	1.5	1.5
ORIFICE SIZE (diameter - in):	1.4	1.4
Baffle Spacing (Equidistant, ft):	Varies - Position Minimum of 2 Between Inflow and Skimmer	
Basin Dewatering Time, days:	3	3

THE TABLE ABOVE IS WORST CASE SCENARIO INITIALLY THERE IS LESS THAN 2 ACRES DRAINAGE TO THIS BASIN BUT AS THE SITE IS RAISED IT WILL CAPTURE 2.3 ACRES AT FULL BUILDOUT

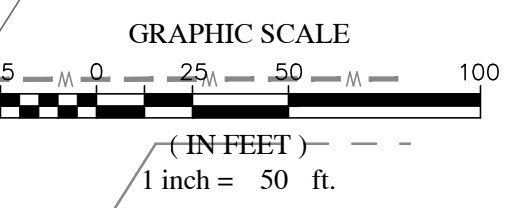
E&S LEGEND:

- EXIST / PROPOSED
- CURB INLET
- DROP INLET
- JUNCTION BOX
- FLARED END SECTION (FES)
- EXISTING STORM PIPE
- PROPOSED STORM PIPE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WOODS LINE
- SFO SILT FENCE OUTLET
- LD LIMITS OF DISTURBANCE
- SF SILT FENCE
- TS/PS TEMPORARY & PERMANENT SEEDING
- TS TEMPORARY SEEDING
- CE TEMPORARY STONE CONSTRUCTION ENTRANCE (26'X100')
- OP OUTLET PROTECTION
- IP INLET PROTECTION
- CIP CULVERT INLET PROTECTION
- BM BLANKET MATTING
- SB SKIMMER BASIN



THIS SITE REQUIRES PHASED EROSION CONTROL BECAUSE OF THE LEVEL OF FILL MATERIAL. PERIMETER MEASURES REMAIN THE SAME BUT THE SKIMMER BASIN DAM WILL NEED TO BE RAISED AS THE SITE IS BUILT UP. THE BASIN BOTTOM WILL REMAIN THE SAME. SEE NEXT PAGE FOR PHASE II.

SPOIL PILE TO BE COMPLETELY USED BEFORE C-5 FINAL CONDITION IS REACHED. CONTRACTOR SHALL REMOVE E&S MEASURES, SEED & STABILIZE.



PINNERS POINT ROAD (SR 1303)
60' RIGHT OF WAY (MB 28 PG 40)



REVISIONS

NO.	DATE	BY
7		
6		
5		
4		
3		
2		
1		

PROJECT INFORMATION:

PROJECT NO. 25-0099
DRAWING NAME: 25-0099_S
SHEET NO. C-4

TYPE OF DRAWINGS: BEAUFORT - MINUTE MAN
LIVE OAK STREET
BEAUFORT, NC

EROSION CONTROL PLAN PHASE I

SUMMIT DESIGN AND ENGINEERING SERVICES
State License #: P-0339
320 Executive Court
Hillsborough, NC 27278
Voice: (919) 732-3883 Fax: (919) 732-6676
www.summitde.com

Matthew W. Hasty
Professional Engineer
No. 38083
Matthew W. Hasty
Professional Engineer
No. 38083

PROJECT MANAGER: MIAMI HASTINGS@SUMMITDE.COM
DESIGNER: MIAMI HASTINGS@SUMMITDE.COM

DRAWN BY: MIAMI HASTINGS@SUMMITDE.COM
FIRST ISSUE DATE: 10-29-2025

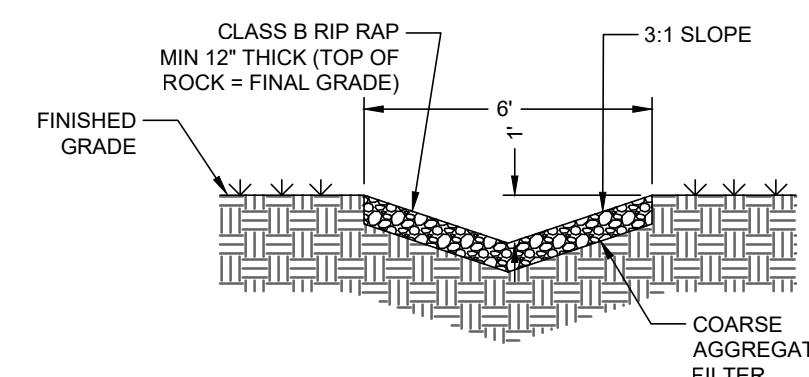
EROSION CONTROL & MAINTENANCE PLAN NOTES:

- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS, SPECIFICATIONS AND DETAILS OF THE NORTH CAROLINA EROSION & SEDIMENT CONTROL PLANNING & DESIGN MANUAL.
- RETAIN FLOATABLE WIND BLOWN MATERIALS ON SITE BY STORING ALL TRASH AND BUILDING MATERIAL WASTE IN ENCLOSURES UNTIL DISPOSAL AT OFF-SITE FACILITIES. CHECK ADJACENT AREAS DAILY AND PICK UP CONSTRUCTION WASTE MATERIALS AND DEBRIS THAT HAVE BLOWN OR WASHED OFF SITE.
- PERMANENTLY STABILIZE ALL SURFACE AREA WITHIN AND ADJACENT TO THIS SITE THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION FOR THE PROPOSED FACILITY. STABILIZATION IS OBTAINED WHEN THE DISTURBED SURFACE IS COVERED WITH STRUCTURES, PAVING AND OR PERENNIAL VEGETATION HAVING A UNIFORM COVERAGE DENSITY OF AT LEAST 70%. STABILIZATION OF ALL DISTURBED AREA IS REQUIRED BEFORE TERMINATION OF MAINTENANCE AND REMOVAL OF EROSION CONTROL MEASURES.
- CONTRACTORS SHALL INSPECT POLLUTION CONTROL MEASURES AT LEAST ONCE EVERY 14 DAYS AND WITHIN 24 HOURS AFTER A STORM OF 1/2 INCH OR GREATER. DAMAGED MEASURES THAT PROVE TO BE INEFFECTIVE SHALL BE REPLACED WITH MORE EFFECTIVE MEASURES OR ADDITIONAL MEASURES WITHIN SEVEN DAYS. REPEATED FAILURE OF A CONTROL MEASURE REQUIRES INSTALLATION OF A MORE SUITABLE DEVICE TO PREVENT DISCHARGE OF POLLUTANTS FROM THE CONSTRUCTION SITE.
- INSTALLATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE CITY OR COUNTY. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO BEGINNING ANY WORK ON PROJECT SITE.
- CARE SHALL BE TAKEN TO MINIMIZE THE ENCROACHMENT OF SEDIMENT INTO ALL STORM DRAIN APURTANCES, PUBLIC STREETS, AND ONTO PRIVATE PROPERTY UNTIL IMPERVIOUS MATERIAL (ROAD/PARKING AREA SURFACE) IS APPLIED OR UNTIL PROPOSED LANDSCAPE HAS BEEN ESTABLISHED.
- ALL AREAS NOT SHOWN AS PAVEMENT OR BUILDING UNDER FINAL CONSTRUCTION SHALL BE TEMPORARILY AND PERMANENTLY SEEDED AS REQUIRED.
- ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) AND ALL SWALES SHALL UTILIZE NORTH AMERICAN GREEN (NAG) CONSTRUCTION PRODUCTS TURF REINFORCEMENT MATS SC150 OR APPROVED EQUAL UNLESS OTHERWISE SPECIFIED ON PLANS. MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.

- THE CONTRACTOR SHALL PROVIDE COPIES OF VALID PERMITS FOR ANY OFFSIDE BORROW OR WASTE AREAS.
- THE APPROVAL OF THIS PLAN BY NCEDEQ DEMLR DOES NOT ABSOLVE THE OWNER/OPERATOR FROM OBTAINING PERMITS FROM OTHER AGENCIES (I.E. VANCE COUNTY, DWR, DWM, USACE, DAO, ETC.).
- NO TIMBERING OR DEMOLITION OF EXISTING STRUCTURES WILL BE ALLOWED UNTIL PLAN IS APPROVED.
- PERMETER MEASURES MUST BE LEFT IN PLACE UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED. AFTER SITE IS PERMANENTLY STABILIZED, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND PROVIDE PERMANENT SEEDING WHERE TEMPORARY MEASURES HAVE BEEN REMOVED AND GROUND COVER IS NOT ADEQUATE. SEDIMENT BASINS MAY NOT BE REMOVED OR CONVERTED TO PERMANENT SCMS UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED. (GS 113A-57(3), 15A NCAC 04B. 0113).
- SELF-INSPECTION FORMS WERE UPDATED ON 07/01/2020. PLEASE ENSURE NEW VERSION OF FORMS IS USED. (GS 113A-54.1 (E), 15A NCAC 04B.0131, NCG01 PART III SECTIONS A AND B)
- THE DEVELOPER IS RESPONSIBLE FOR THE CONTROL OF SEDIMENT ON-SITE. IF THE APPROVED EROSION AND SEDIMENTATION CONTROL MEASURES PROVE INSUFFICIENT, THE DEVELOPER MUST TAKE THOSE ADDITIONAL STEPS NECESSARY TO STOP SEDIMENT FROM LEAVING THIS SITE. (GS 113A-57(3))
- PERFORMANCE OF SILT FENCE OUTLETS MAY BE IMPROVED WITH SMALL, EXCAVATED PITS IN FRONT OF DEVICE. (GS113A-57(3), 15A NCAC 04B. 0105, 15A NCAC 04B. 0106(5), GS113A-57(4), NCG01 PART II SECTION B (5))
- THE SILT BAG(S) WILL BE CONTINUOUSLY MONITORED DURING OPERATION. (GS 113A-57(3), 15A NCAC 04B. 0113)
- CONSTRUCTION SPECIFICATIONS FOR THE SKIMMER BASIN ARE SHOWN ON THE DETAIL SHEET & THEY INCLUDE THE EXCAVATION, EMBANKMENT CONSTRUCTION, SPILLWAY CONSTRUCTION, AND SKIMMER BASIN INSTALLATION. AN IMPERMEABLE LINER IS TO BE INSTALLED ON THE SPILLWAY. THE EMERGENCY SPILLWAY IS TO BE INSTALLED IN CUT OR UNDISTURBED GROUND (NOT OVER THE SKIMMER PIPE). INCLUDE A STONE PAD FOR THE SKIMMER TO REST UPON AND A ROPE ATTACHED TO THE SKIMMER FOR MAINTENANCE IN THE PLAN DETAIL. THE BASIN SURFACE AREA DIMENSIONS, DEPTH, SIDE SLOPES, DAM HEIGHT, EMBANKMENT WIDTH, LENGTH OF EMERGENCY SPILLWAY, SKIMMER SIZE, SKIMMER ORIFICE SIZE, AND DEWATERING TIME ARE ON THE PLAN SHEETS. (GS 113A-57(3), 15A NCAC 04B. 0113)
- INSTALL SILT FENCING OVER AND AROUND TOP OF CULVERTS TO PREVENT EROSION AROUND PIPE. PROVIDE SILT FENCE ALONG STREAM BANK TO PREVENT SEDIMENT LOSS INTO THE STREAM. (GS 113A-57(3))

CONSTRUCTION ENTRANCE NOTES:

- CONSTRUCTION ENTRANCE SHALL BE 12' MINIMUM WIDTH AND 70' MINIMUM LENGTH AND 6" MINIMUM THICKNESS OF STONE (1.5"-3.5") COARSE AGGREGATE WITH GEOTEXTILE UNDERLINER. SEE SHEET D-2.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5"-3.5" STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT OF ANY STRUCTURE USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- WHEELS MUST BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN LOCATED PER THE CITY OR STATE REQUIREMENTS.



INLET/OUTLET PROTECTION RIP RAP CHANNEL

BASIN INLET PROTECTION MAINTENANCE:

- RIPRAP SHOULD BE CHECKED AT LEAST ANNUALLY AND AFTER EVERY MAJOR STORM FOR DISPLACED STONES, SLUMPING, AND EROSION AT EDGES, ESPECIALLY DOWNSTREAM OR DOWNSLOPE. IF THE RIPRAP HAS BEEN DAMAGED, IT SHOULD BE REPAIRED IMMEDIATELY BEFORE FURTHER DAMAGE CAN TAKE PLACE.
- WOODY VEGETATION SHOULD BE REMOVED FROM THE ROCK RIPRAP ANNUALLY BECAUSE TREE ROOTS WILL EVENTUALLY DISLodge THE RIPRAP.
- IF THE RIPRAP IS ON A CHANNEL BANK, THE STREAM SHOULD BE KEPT CLEAR OF OBSTRUCTIONS SUCH AS FALLEN TREES, DEBRIS, AND SEDIMENT BARS THAT MAY CHANGE FLOW PATTERNS, WHICH COULD DAMAGE OR DISPLACE THE RIPRAP.

STABILIZATION TIMEFRAMES

Site Area Description	Stabilization	Timeframe Exceptions
Perimeter dikes, swales, ditches and slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length
All other areas with slopes flatter than 4:1	14 days	None, except for perimeters and HQW zones

NOTES:

- ALL SLOPES 3:1 AND STEEPER, AND DITCHES SHALL BE STABILIZED WITHIN 7 DAYS AND BE LINED WITH BLANKET MATTING.
- PERMANENT GROUNDCOVER WILL BE PROVIDED FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR NO MORE THAN 90 CALENDAR DAYS (WHICHEVER IS SHORTER).
- ROADSIDE DITCHES MUST HAVE MATTING IMMEDIATELY UPON CONSTRUCTION OR BY END OF DAY IF CONSTRUCTION CANNOT BE COMPLETED IN ONE DAY.

THERE ARE NO STREAMS OR WETLANDS PRESENT ON THE PROJECT SITE.

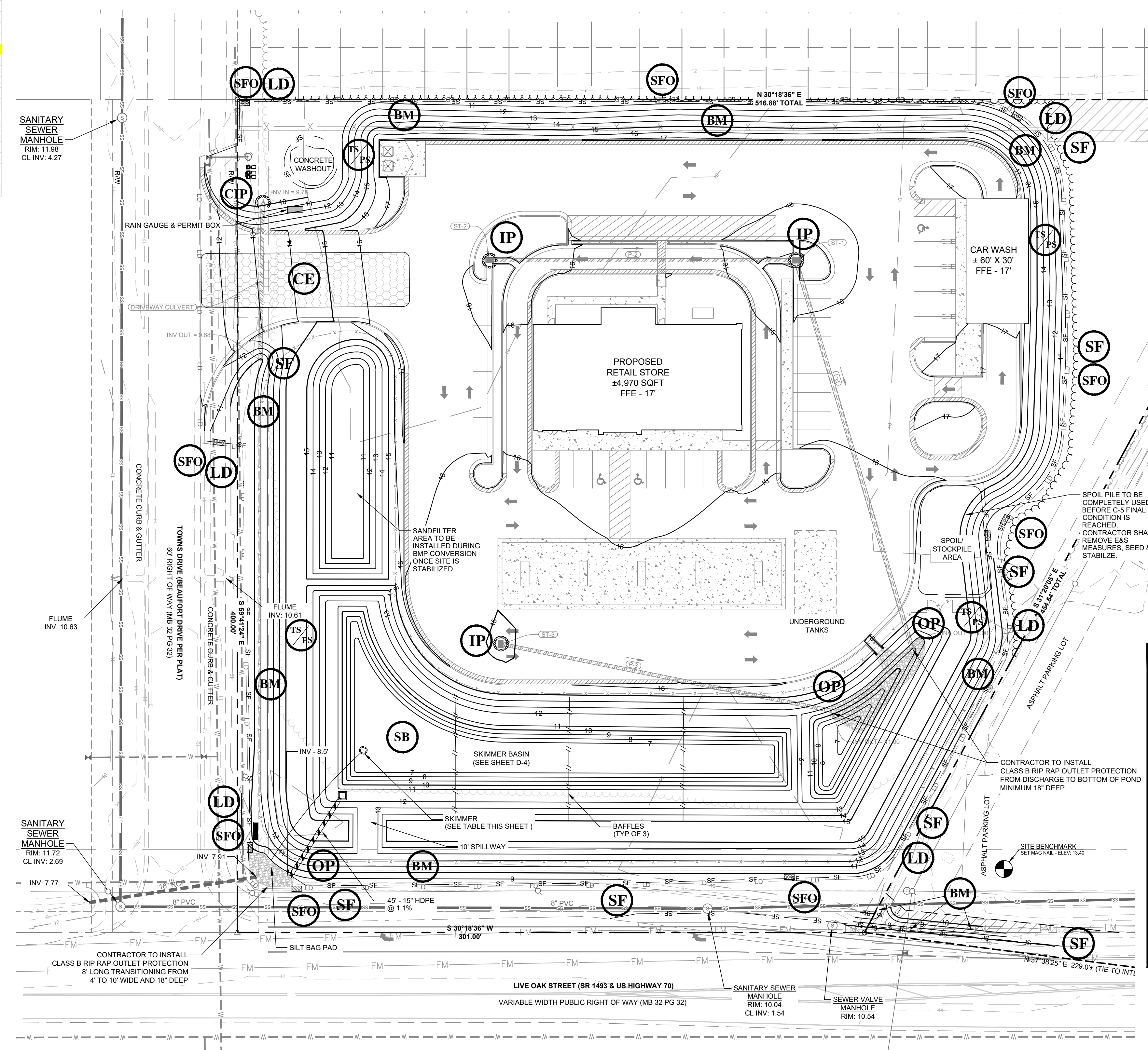
DISTURBED AREA
3.29 ACRES

SKIMMER BASIN PHASE 2

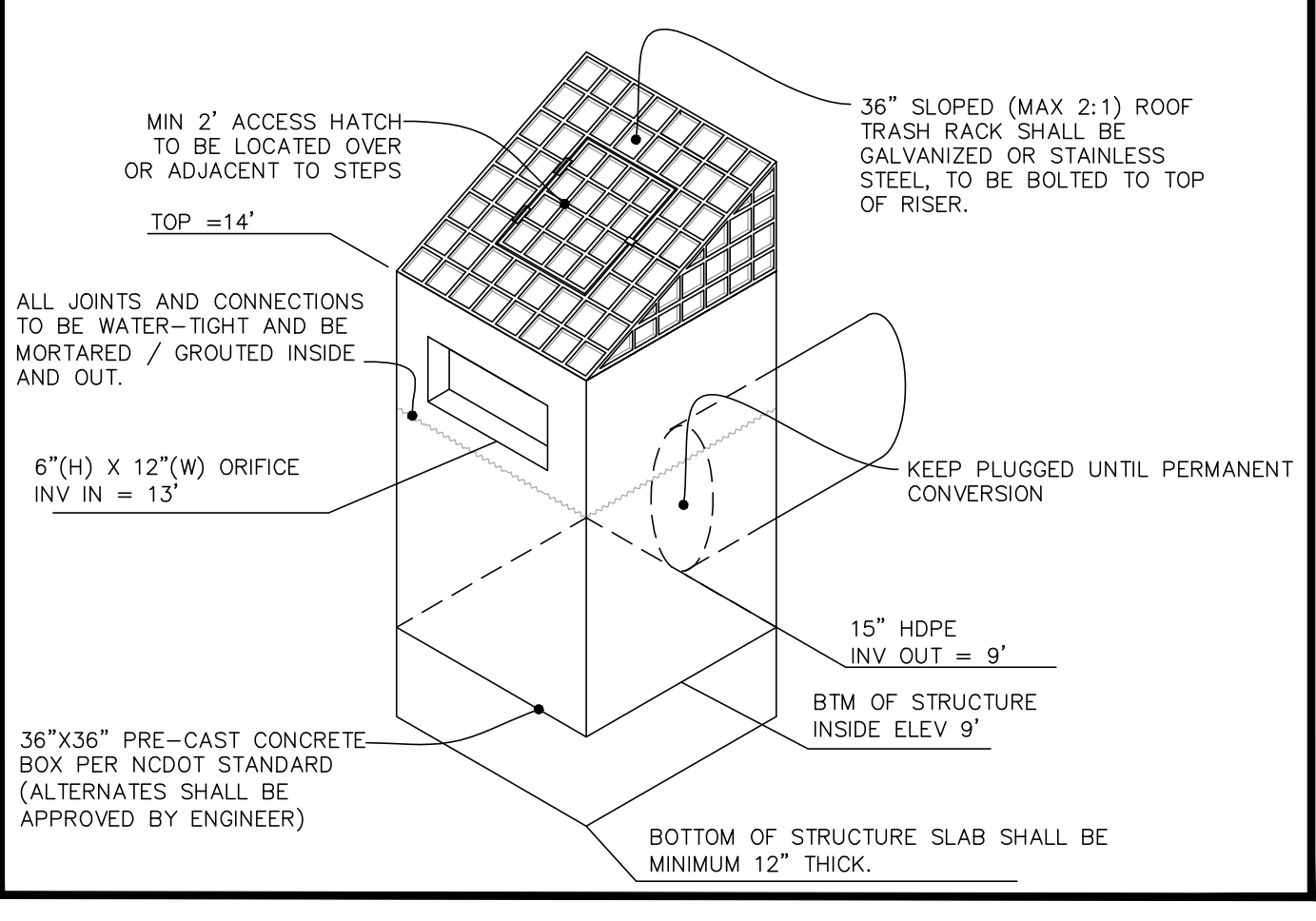
DRAINAGE AREA (acres):	2.3	
Q25 (CIA) 0.79.96 in/hr*2.3 acres		
Q25 (cfs):	16.04	
BASIN INFORMATION	REQUIRED	PROVIDED @ SPILLWAY*
SURFACE AREA (sf):	5212	15715
VOLUME (cf):	4140	47680
DEPTH (ft):	2	6
WEIR WIDTH (ft):	10	10
TOP BANK ELEV. (ft):	7	7
BOTTOM TRAP ELEV. (ft):	7	13
WEIR ELEV. (ft):	10	13
DESIGN STORM ELEV. (ft):	13.3	13.3
SKIMMER SIZE (in):	1.5	1.5
ORIFICE SIZE (diameter - in):	1.4	1.4
Baffle Spacing (Equidistant, ft):	Varies - Position Minimum of 2 Between Inflow and Skimmer	
Basin Dewatering Time, days	3	

E&S LEGEND:

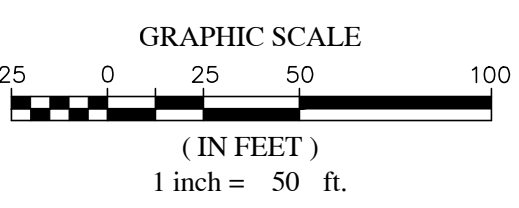
- EXIST / PROPOSED
- CURB INLET
- DROP INLET
- JUNCTION BOX
- FLARED END SECTION (FES)
- EXISTING STORM PIPE
- PROPOSED STORM PIPE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WOODS LINE
- SFO SILT FENCE OUTLET
- LD LIMITS OF DISTURBANCE
- SF SILT FENCE
- TS/PS TEMPORARY & PERMANENT SEEDING
- TS TEMPORARY SEEDING
- CE TEMPORARY STONE CONSTRUCTION ENTRANCE (26'X100')
- OP OUTLET PROTECTION
- IP INLET PROTECTION
- CIP CULVERT INLET PROTECTION
- BM BLANKET MATTING
- SB SKIMMER BASIN



PIPE DISCHARGE SHALL BE CAPPED OFF UNTIL SCM CONVERSION



POND RISER-STRUCTURE
NOT TO SCALE



NO.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

COPYRIGHT © 2017
SUMMIT DESIGN AND
ENGINEERING SERVICES
DRAWING ALTERNATION
PROJECT MANAGER
MWH/HAIT HASTINGS@SUMMITDE.COM
MWH/HAIT HASTINGS@SUMMITDE.COM
DRAWN BY
MWH/HAIT CHELLE MARTINS@SUMMITDE.COM
FIRST ISSUE DATE
10-29-2025



SUMMIT
DESIGN AND ENGINEERING SERVICES
State License #: P-0339
330 Executive Court
Hillsborough, NC 27278
Voice: (919) 732-3883 Fax: (919) 732-6676
www.summitde.com

TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
LIVE OAK STREET
BEAUFORT, NC
EROSION CONTROL PLAN
PHASE II

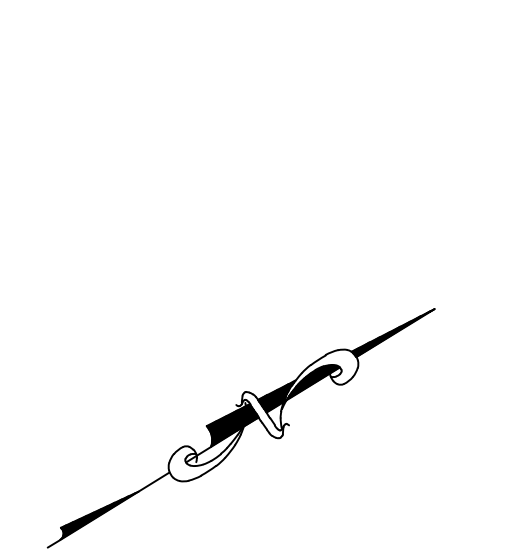
PROJECT NO.
25-0099
DRAWING NAME:
25-0099_S
SHEET NO.
C-5

SITE INFORMATION

OWNER RHETSON CAPITAL, LLC
CONTACT: GREG STEWART
MAILING ADDRESS: 2075 JUNIPER LAKE RD WEST END, NC 27376 (910) 944-0881
TELEPHONE NUMBER: 730612967429000
PARCEL #: 730612967429000
PROPERTY ADDRESS: LIVE OAK STREET
PLANNING JURISDICTION: TOWN OF BEAUFORT
STATE: NORTH CAROLINA
RECEIVING CHANNEL: OUTLET NORTH RIVER
RIVER: NORTH RIVER
RIVER BASIN: WHITE OAK
HUC: 030203010503
FEMA MAP NUMBER: 37207306001 (NOT IN FLOODPLAIN)
SOILS: NAME: DESCRIPTION SLOPES:
 Ap (ARAPAHOE FINE SANDY LOAM)
 Tm (TOMCOTLEY FINE SANDY LOAM)
DEED: BK 781; PG 208
TOTAL PARCEL AREA: 3.76 ACRES
PROP. IMPERVIOUS AREA: 1.83 ACRES (49%)
MAX. ALLOWABLE: N/A
MIN. LOT SIZE: 5,000 SF
MIN. LOT WIDTH: 60'
MAX. HEIGHT: 40'
EXISTING ZONING: B-1
CURRENT USE: VACANT
PROPOSED USE: COMMERCIAL - GAS STATION
FRONT SETBACK: 30'
REAR SETBACK: 15'
SIDE SETBACKS: 15'
HOURS OF OPERATION: SUNDAY-SATURDAY; 8AM-10PM
PARKING PROVIDED: 26 SPACES + 1 LOADING AREA

ENGINEER CONTACT
 SUMMIT DESIGN & ENGINEERING SERVICES
 MATT HASTINGS, P.E.
 606 BROAD STREET, SUITE C
 SOUTH BOSTON, VA 24592
 (434) 579-4804 (PHONE)
 (434) 575-9817 (FAX)
 MATT.HASTINGS@SUMMITDE.COM

DEVELOPER/FUTURE OWNER
 RHETSON CAPITAL, LLC
 GREG STEWART
 2075 JUNIPER LAKE RD
 WEST END, NC 27376
 (910) 944-0881 (PHONE)
 PERMITS@RHETSON.COM



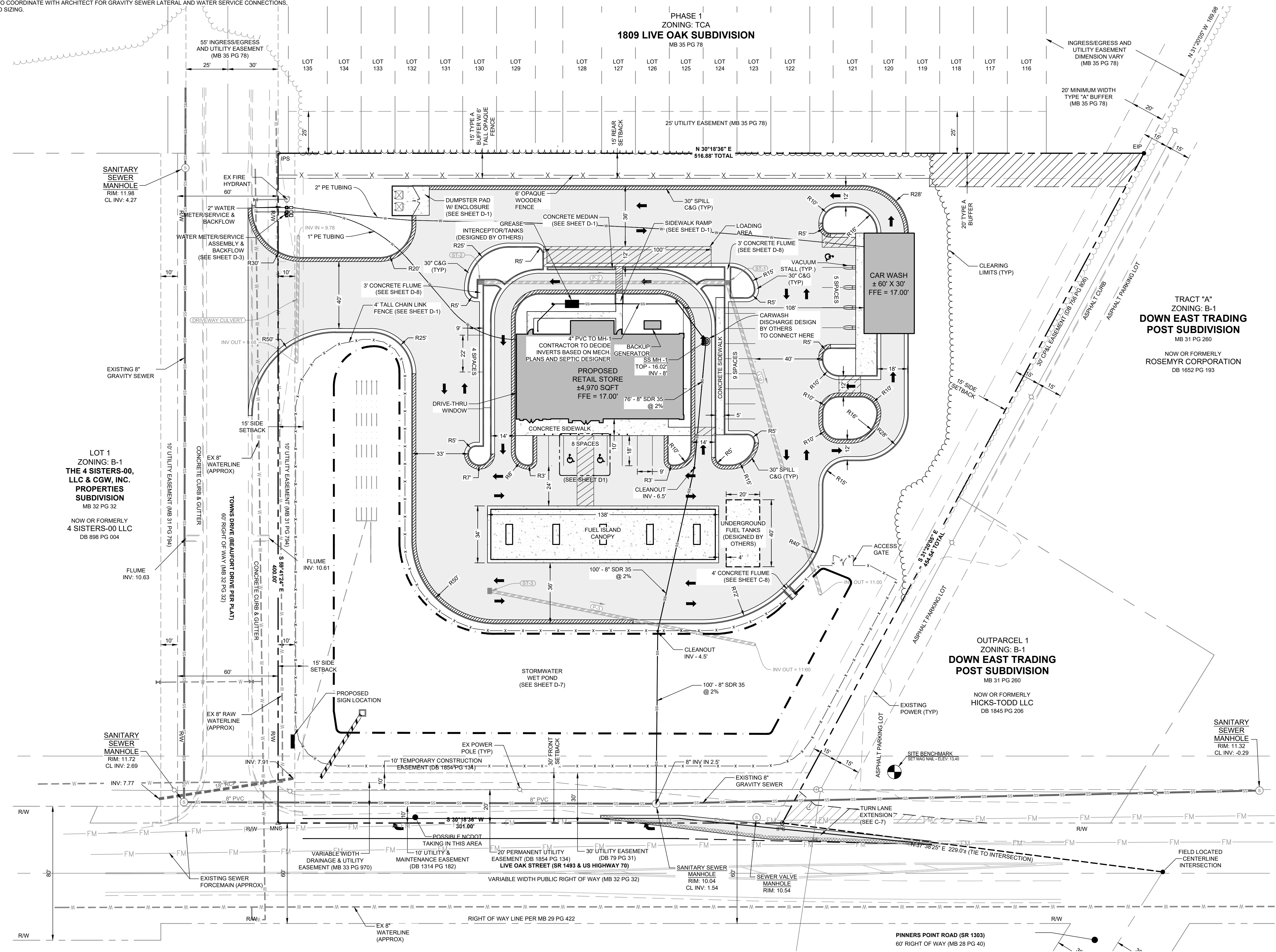
UTILITIES LEGEND:

EXIST / PROPOSED	SYMBOL	DESCRIPTION
EXIST	Circle with cross	WATER VALVE
EXIST	Circle with dot	FIRE HYDRANT
EXIST	Circle with 'M'	WATER METER
EXIST	Circle with 'FDC'	FIRE DEPT. CONNECTION (FDC)
EXIST	Circle with 'R'	REDUCER
EXIST	Circle with 'P/B'	PLUG & BLOCK
EXIST	Circle with 'M/J/B'	MECHANICAL JOINT / BEND
EXIST	Circle with 'P/IV'	POST INDICATOR VALVE (PIV)
EXIST	Circle with 'A/RV'	AIR RELEASE VALVE (ARV)
EXIST	Circle with 'S/M'	SANITARY SEWER MANHOLE
EXIST	Circle with 'S/CO'	SEWER CLEAN OUT
EXIST	Circle with 'C/I'	CURB INLET
EXIST	Circle with 'D/I'	DROP INLET
EXIST	Circle with 'J/B'	JUNCTION BOX
EXIST	Circle with 'FES'	FLARED END SECTION (FES)
PROPOSED	Circle with 'W'	EXISTING WATER MAIN
PROPOSED	Circle with 'W/S'	PROPOSED WATER MAIN / SERVICE
PROPOSED	Circle with 'G'	EXISTING GAS MAIN
PROPOSED	Circle with 'G/S'	PROPOSED GAS MAIN
PROPOSED	Circle with 'OHE'	EXISTING OVERHEAD ELECTRIC
PROPOSED	Circle with 'U'	PROPOSED UNDERGROUND ELECTRIC
PROPOSED	Circle with 'S'	EXISTING SEWER MAIN
PROPOSED	Circle with 'S/S'	PROPOSED SEWER MAIN / SERVICE
PROPOSED	Circle with 'S/ST'	EXISTING STORM PIPE
PROPOSED	Circle with 'S/SP'	PROPOSED STORM PIPE
PROPOSED	Circle with 'X'	PROPOSED FENCE



SITE NOTES:

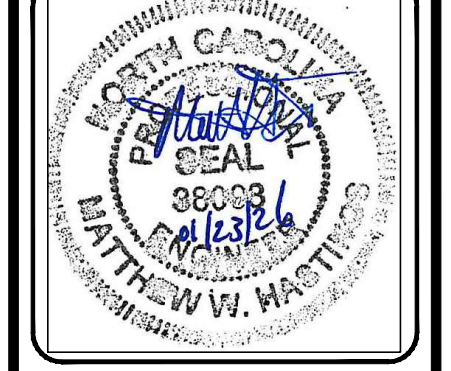
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF BEAUFORT, NCDOT, NCDEQ, AND NCDWR STANDARDS AND SPECIFICATIONS.
 - ALL PAVEMENT AND CONCRETE SECTIONS SHALL MEET OR EXCEED NCDOT AND THE TOWN OF BEAUFORT STANDARDS.
 - PARKING AREAS AND DRIVE ISLES SHALL BE CONSTRUCTED TO MEET TOWN OF BEAUFORT DEVELOPMENT STANDARDS.
 - CONTRACTOR SHALL MAINTAIN ANY EXISTING ACCESSES TO ADJACENT RESIDENCES, BUSINESSES AND PROPERTIES AT ALL TIMES.
 - CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS NECESSARY FOR CONSTRUCTION.
 - THIS SITE IS NOT LOCATED WITHIN THE FLOODPLAIN.
- UTILITY NOTES:**
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING UTILITY LOCATIONS BY "SPOT DIGGING" BEFORE EXCAVATION WORK.
 - ALL NEW UTILITIES SHALL BE LOCATED UNDERGROUND, IF ALLOWED BY LOCAL CODES.
 - ALL PUBLIC UTILITIES AND CONNECTIONS TO PUBLIC UTILITIES SHALL CONFORM TO THE TOWN OF BEAUFORT STANDARDS AND SPECIFICATIONS.
 - THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS NECESSARY FOR CONSTRUCTION.
 - PRIOR TO THE CONSTRUCTION OF ANY WATER OR SEWER MAIN EXTENSIONS, THE ENGINEER OF RECORD SHALL BE CONTACTED BY THE GENERAL CONTRACTOR TO DISCUSS CERTIFICATION REQUIREMENTS. FAILURE TO CONTACT THE ENGINEER OF RECORD OR PROVIDE ANY OF THE REQUESTED DOCUMENTATION DISCUSSED MAY RESULT IN THE INABILITY OF THE ENGINEER TO CERTIFY THE LINE OR ACCEPTANCE BY THE TOWN OF BEAUFORT.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE LOCATION AND/OR RELOCATION OF ALL EXISTING UTILITIES WITH THE APPROPRIATE UTILITY, AGENCY OR COMPANY.
 - THE CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS AND DISTURBANCES WITH EXISTING USERS AND THE TOWN OF BEAUFORT, SO THAT ANY SERVICE INTERRUPTIONS ARE MINIMAL.
 - ALL WATER MAIN FITTINGS, BENDS, TEES, ETC. SHALL BE RESTRAINED w/ MECHANICAL JOINT FITTINGS OR THRUST BLOCKS.
 - CONTRACTOR TO COORDINATE WITH ARCHITECT FOR GRAVITY SEWER LATERAL AND WATER SERVICE CONNECTIONS, MATERIALS, AND SIZING.



NO.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

COPYRIGHT © 2017
 SUMMIT DESIGN AND ENGINEERING SERVICES
 PROJECT MANAGER
 MATT HASTINGS
 DRAWING ALTERNATE
 MATT HASTINGS
 THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF SUMMIT DESIGN AND ENGINEERING SERVICES. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THIS DOCUMENT. ANY REUSE OR MODIFICATION OF THIS INFORMATION WITHOUT THE WRITTEN PERMISSION OF SUMMIT DESIGN AND ENGINEERING SERVICES IS PROHIBITED.

PROJECT ENGINEER/ARCHITECT
 MATT HASTINGS@SUMMITDE.COM
 PROJECT MANAGER
 MATT HASTINGS@SUMMITDE.COM
 DRAWN BY
 MATT HASTINGS@SUMMITDE.COM
 FIRST ISSUE DATE
 10-26-2025



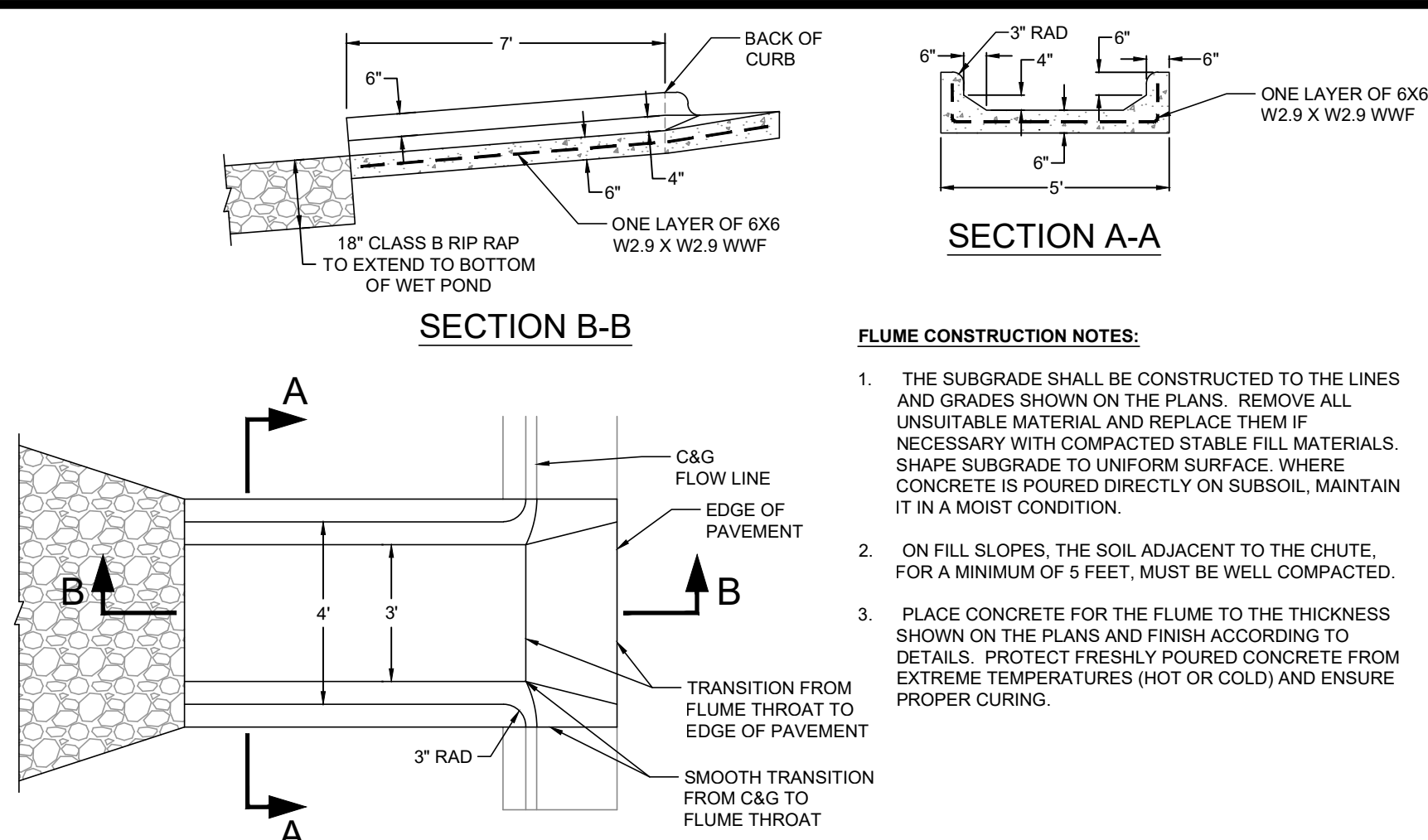
SUMMIT
 DESIGN AND ENGINEERING SERVICES
 State License #: P-0339
 330 Executive Court
 Edinborough, NC 27278
 Voice: (919) 732-3883 Fax: (919) 732-6676
 www.summitde.com

TYPE OF DRAWINGS
 BEAUFORT - MINUTE MAN
 LIVE OAK STREET
 BEAUFORT, NC
SITE & UTILITY PLAN

PROJECT NO.
 25-0099
 DRAWING NAME:
 25-0099_S
 SHEET NO.
 C-6

GRADING & STORM DRAINAGE NOTES:

- ALL PIPE TO BE INSTALLED ON-SITE AND IN THE RIGHTS OF WAY SHALL MEET OR EXCEED THE NCDOT ASTM AND AASHTO SPECIFICATION REQUIREMENTS FOR SUCH PIPE MATERIAL. CONTRACTOR SHALL VERIFY APPROVAL WITH NCDOT FOR ALL PIPE MATERIALS TO BE USED IN THE RIGHT OF WAY.
- ALL WORK WITHIN NCDOT ROW SHALL COMPLY w/ 2024 NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, NCDOT STANDARD DRAWINGS, AND THE MUTCD STANDARDS.
- ALL ON-SITE PIPE SHALL BE INSTALLED MEETING COVER, BACKFILL AND BEDDING REQUIREMENTS PER THE MANUFACTURER'S RECOMMENDATIONS.
- NCDOT PRE-CAST DRAINAGE STRUCTURES CAN BE USED IN LIEU OF NCDOT STANDARD BRICK OR CONCRETE CATCH BASINS. ANY DEVIATION FROM THE SPECIFIED STRUCTURES SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION AND SHALL MAINTAIN COMPLIANCE WITH ALL CORRESPONDING NCDOT MATERIAL, DRAWING & DETAILED SPECIFICATIONS.
- CONTRACTOR SHALL FIELD VERIFY THAT PROPOSED GRADES MATCH EXISTING PAVEMENT AT ALL CONNECTION/TE POINTS PRIOR TO FINAL LIFT OF ASPHALT. CONTRACTOR SHALL NOTIFY ENGINEER IF DISCREPANCY OCCURS.
- PROPOSED CONTOUR LINES REPRESENT FINISHED GRADE ELEVATIONS. CONTOUR LINES MAY BE ADJUSTED AT THEIR BEGINNING, ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO PROVIDE A PROPER TIE-IN.
- CONTRACTOR SHALL FIELD VERIFY THE OUT POINTS, PROPOSED INVERTS, FFE'S & FINISHED SURFACES PRIOR TO CONSTRUCTION TO AVOID CONFLICTS. CONTACT ENGINEER IF DISCREPANCIES ARE FOUND.
- MONITOR, MAINTAIN, MOVE AND/OR ADD SILT FENCE, AND SILT FENCE OUTLETS AS NEEDED BASED ON FIELD AND RUNOFF CONDITIONS AND AS DIRECTED BY THE ENGINEER AND/OR COUNTY REPRESENTATIVE.
- A SEDIMENTATION AND EROSION CONTROL PLAN MUST BE SUBMITTED TO NCEQ AND APPROVED PRIOR TO MOVING FORWARD WITH CONSTRUCTION.
- ALL REQUIRED STORM DRAINAGE AND BMP EASEMENTS TO BE PLATTED UPON FINAL CONSTRUCTION OF NEW CONVEYANCES.
- ALL GRASS SLOPES WHICH EXCEED 3:1 (H:V) SHALL UTILIZE NORTH AMERICAN GREEN (NAG) CONSTRUCTION PRODUCTS TURF REINFORCEMENT MATS SC150 OR APPROVED EQUAL UNLESS OTHERWISE SPECIFIED ON PLANS. MATS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND STANDARDS. CONTRACTOR SHALL COORDINATE INSTALLATION INSPECTION WITH MANUFACTURER.
- ALL UTILITY TRENCHING, BACKFILL, AND SUB-GRADE COMPACTION EFFORTS SHALL MEET/EXCEED NCDOT REQUIREMENTS AND SPECIFICATIONS.
- THE EARTHWORK ON THIS PLAN DOES NOT NECESSARILY BALANCE. OFFSITE BORROW OR WASTE MAY BE REQUIRED.
- ALL ENTRANCES SHALL BE IN ACCORDANCE WITH NCDOT STANDARDS.



4' CONCRETE FLUME PLAN
N.T.S.

STRUCTURE DATA

ST-1	RIM = 15.44
	INV IN = 12.30 (P-2 15" Reinforced Concrete Pipe)
	INV OUT = 12.20 (P-1 18" Reinforced Concrete Pipe)
ST-2	RIM = 15.50
	INV OUT = 13.20 (P-2 15" Reinforced Concrete Pipe)
ST-3	RIM = 14.86
	INV OUT = 12.61 (P-3 15" Reinforced Concrete Pipe)

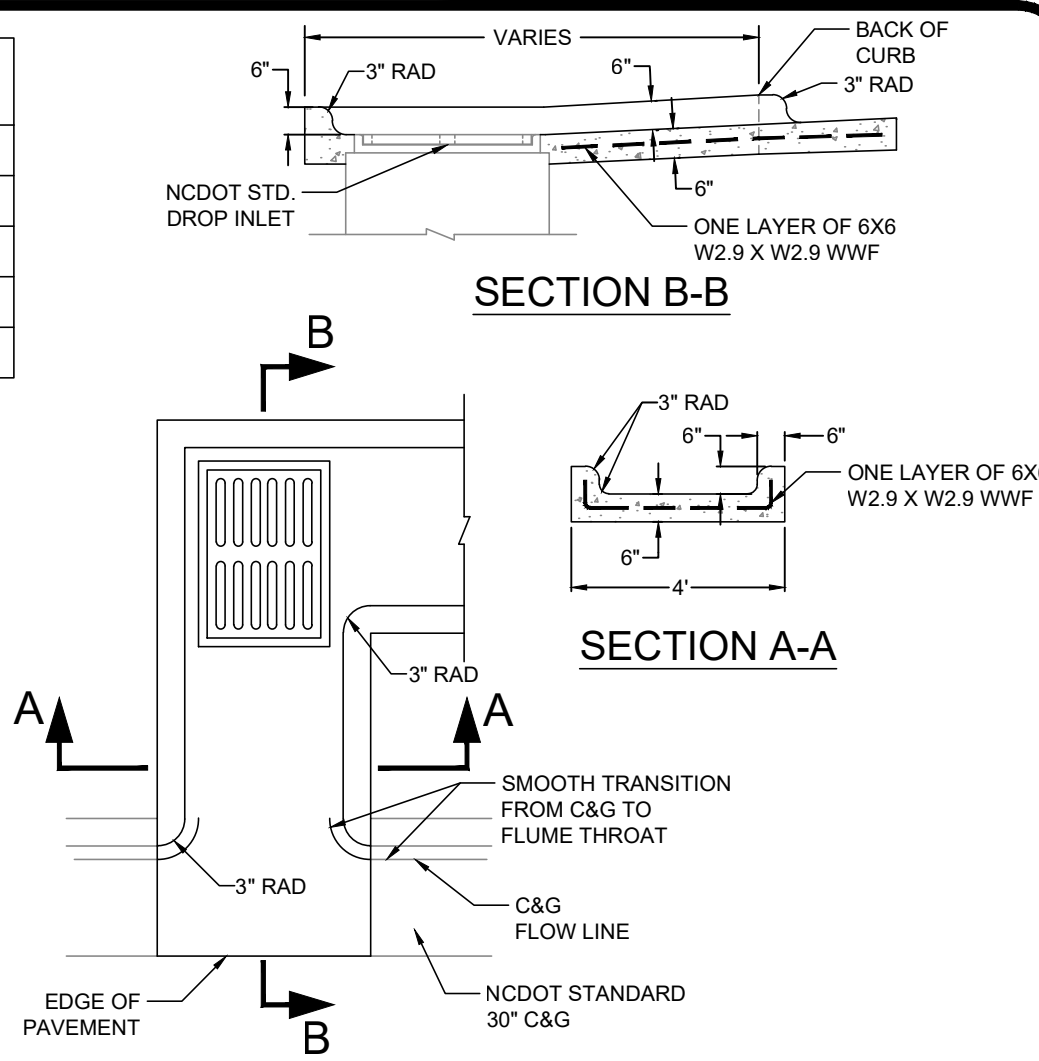
PIPE SCHEDULE

NAME	MATERIAL	LENGTH	SIZE	SLOPE	START	INVERT UP	END	INVERT DOWN
DRIVEWAY CULVERT	Reinforced Concrete Pipe	75.98'	15"	0.13%		9.78		9.68
P-1	Reinforced Concrete Pipe	194.69'	18"	0.62%	ST-1	12.20		11.00
P-2	Reinforced Concrete Pipe	146.77'	15"	0.61%	ST-2	13.20	ST-1	12.30
P-3	Reinforced Concrete Pipe	161.68'	15"	1.00%	ST-3	12.61		11.00

Beaufort Minuteman Inlet Summary - 10 YEAR (5 MIN. TC)

Designed January 2026
Storm Network Inlets

Inlet #	Street Slope, %	Spread, ft	Q Total, cfs	Bypass, cfs	Q Bypass Previous, cfs	Q Runoff	A, AC	A _{5F}	C	I, in/hr
ST-1	SAG	NA	2.88	0.00	0.00	2.88	0.389	16934.00	0.84	8.82
ST-2	SAG	NA	2.50	0.00	0.00	2.50	0.337	14698.00	0.84	8.82
ST-3	SAG	NA	2.37	0.00	0.00	2.37	0.301	13127.00	0.89	8.82
Flume	SAG	NA	3.70	0.00	0.00	3.70	0.482	21007.00	0.87	8.82



3' CONCRETE FLUME PLAN
N.T.S.

STABILIZATION TIMEFRAMES

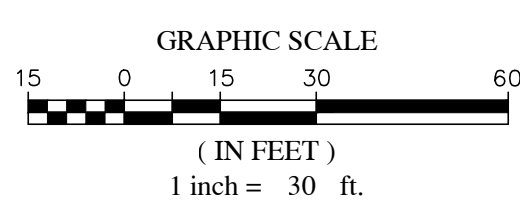
Site Area Description	Stabilization	Timeframe Exceptions
Perimeter dikes, swales, ditches and slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	None
Slopes 3:1 or flatter	7 days	None
All other areas with slopes flatter than 4:1	7 days	None

*ALL SLOPES STEEPER THAN 3:1, AND DITCHES, SHALL BE STABILIZED WITHIN 7 DAYS

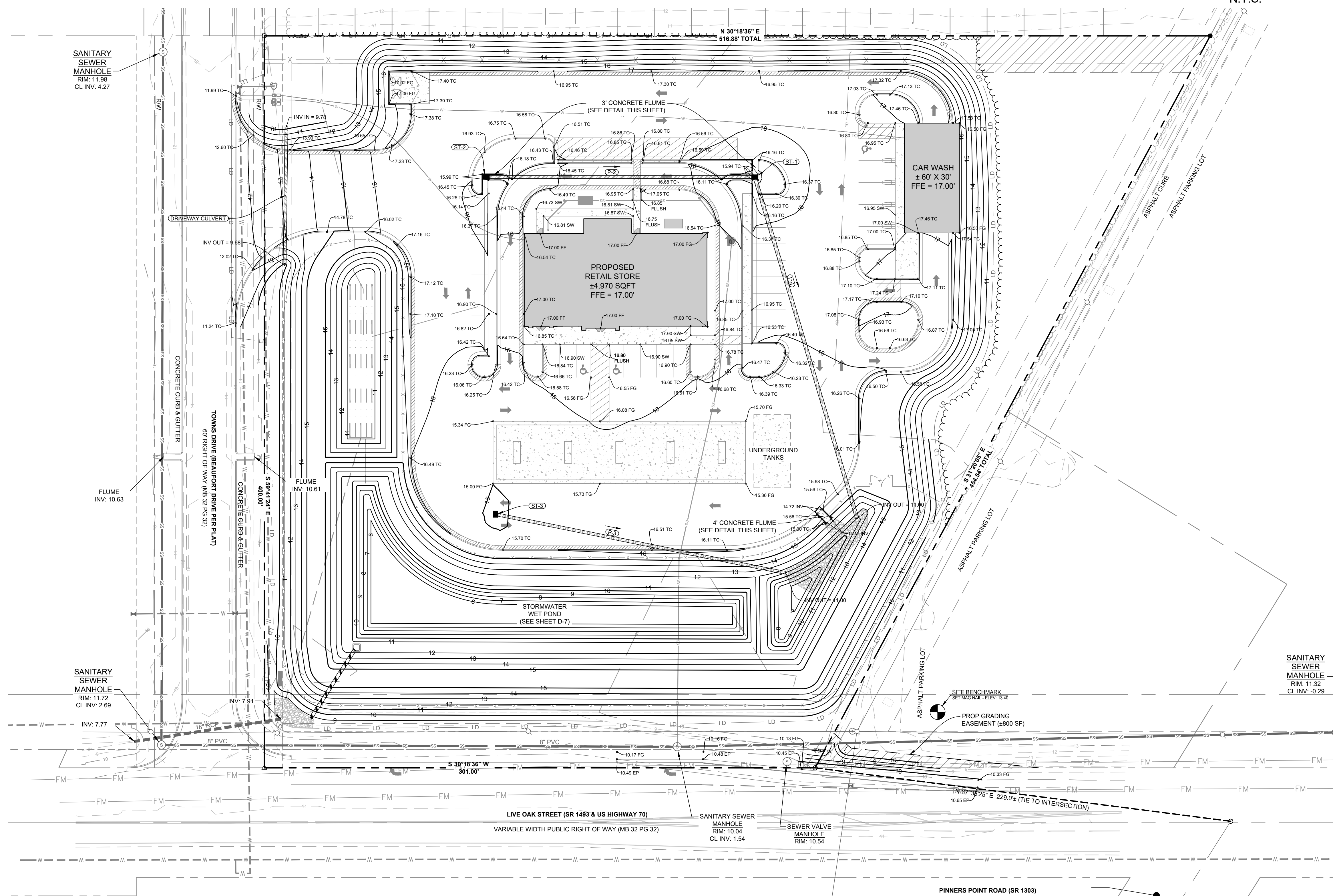
DISTURBED AREA
3.29 ACRES

GRADING & STORM LEGEND:

- EXISTING WATER METER
- EXISTING CLEANOUT
- EXISTING FIRE HYDRANT
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING BOLLARD
- EXISTING POST INDICATOR VALVE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING ELECTRIC ACCESS
- EXISTING GAS METER
- EXISTING GAS REGULATOR
- EXISTING WATER VALVE
- EXIST / PROPOSED
- CURB INLET
- DROP INLET
- JUNCTION BOX
- FLARED END SECTION (FES)
- EXISTING STORM PIPE
- PROPOSED STORM PIPE
- LIMITS OF DISTURBANCE
- LIMITS OF DISTURBANCE & TREE PROTECTION FENCE
- TREE PROTECTION FENCE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- WOODS LINE



811
Know what's below.
Call before you dig.



REVISIONS

NO.	DATE	BY
7		
6		
5		
4		
3		
2		
1		

COPYRIGHT © 2017
SUMMIT DESIGN AND
ENGINEERING SERVICES
DRAWING ALTERNATION
PER AASHTO AND NCDOT STANDARDS
UNLESS ACTING UNDER THE DIRECTION OF
ENGINEER, LANDSCAPE ARCHITECT, OR
ARCHITECT. ANY ALTERATION TO THIS
DRAWING SHALL BE MADE IN ACCORDANCE
WITH AASHTO AND NCDOT STANDARDS.
NOTATION: UNLESS OTHERWISE NOTED BY THE
DESCRIPTION OF THE ALTERNATION.

PROJECT ENGINEER/ARCHITECT
MWH/HAITASTINGS@SUMMITDE.COM
PROJECT MANAGER
MWH/HAITASTINGS@SUMMITDE.COM
DRAWN BY
MWH/HAITASTINGS@SUMMITDE.COM
FIRST ISSUE DATE
10-29-2025



SUMMIT
DESIGN AND ENGINEERING SERVICES
State License #: P-0339
330 Executive Court
Hillsborough, NC 27278
Voice: (919) 732-3883 Fax: (919) 732-6676
www.summitde.com

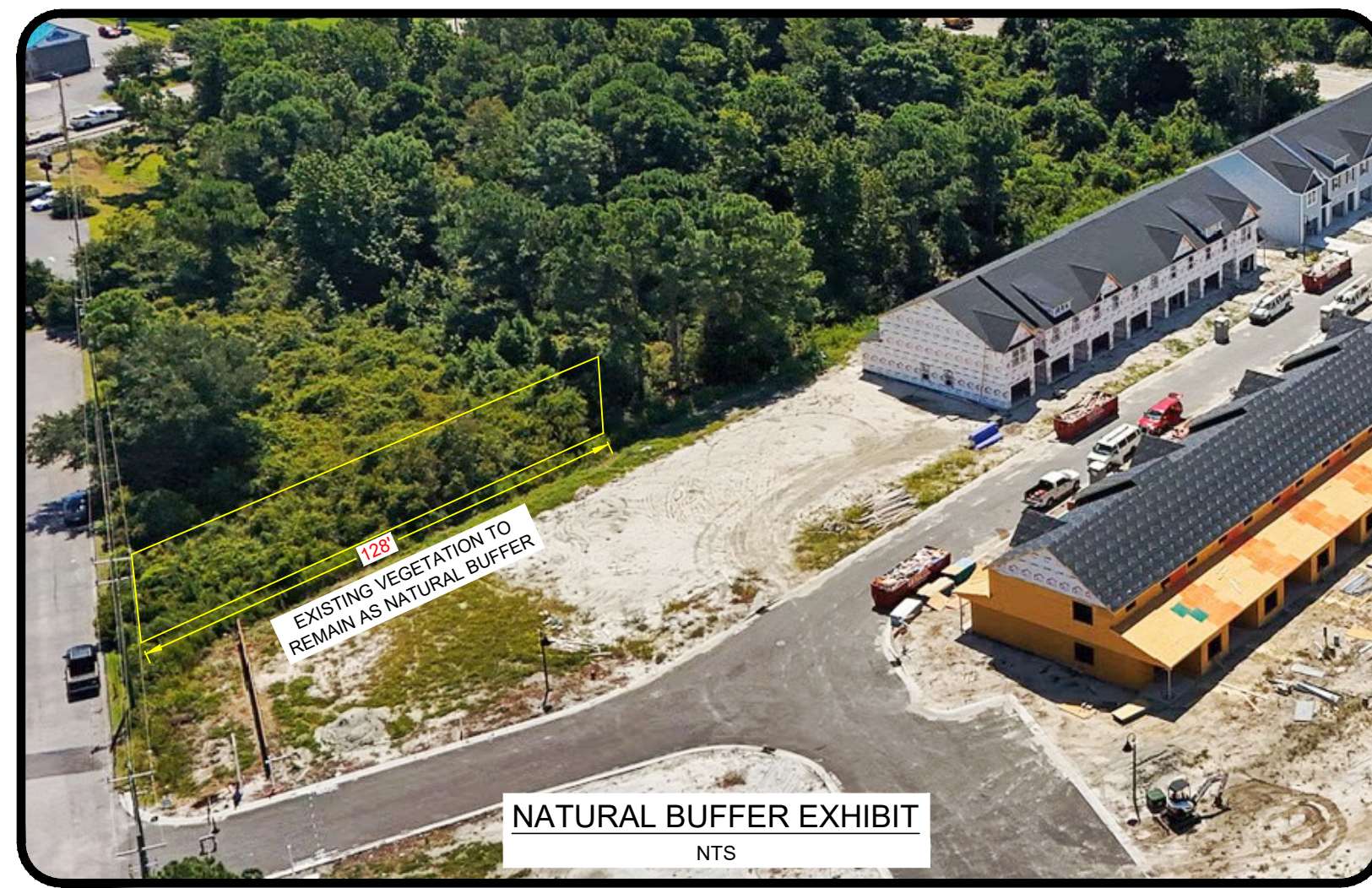
TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
LIVE OAK STREET
BEAUFORT, NC
GRADING PLAN

PROJECT NO.
25-0099
DRAWING NAME:
25-0099_S
SHEET NO.
C-8

GENERAL LANDSCAPING NOTES:

- LANDSCAPE CONTRACTOR SHALL HAVE ALL UNDERGROUND UTILITIES AND PROPOSED SITE LIGHTING POLE LOCATIONS LOCATED PRIOR TO INSTALLING PLANT MATERIAL.
- ALL LANDSCAPING SHALL COMPLY WITH SECTIONS 15.15 AND 19 OF THE LAND DEVELOPMENT ORDINANCE FOR THE TOWN OF BEAUFORT.
- CONTRACTOR SHALL NOT PLANT NEW PLANT MATERIAL IN CRITICAL ROOT ZONES OF EXISTING TREES TO BE SAVED AND PROTECTED ON SITE.
- ANY DISTURBED AREAS NOT SCHEDULED FOR HARDSCAPE, PLANTING, SOIL OR MULCH SHALL BE SEEDED LAWN.
- CONTRACTOR SHALL AMEND ALL PROPOSED PLANT BEDS WITH ORGANIC SOIL AMENDMENT (COMPOST). POTILL BEDS TO A DEPTH OF 6". ADD 2" OF COMPOST AND ROTOTILL AGAIN. REMOVE ALL EXIST. WEEDS, GRASS AND ROOTS.
- CONTRACTOR SHALL BAKE SMOOTH AND APPLY 1" 20" TOPSOIL TO ALL LAWN AREAS RECEIVING SEED. REMOVE ALL EXIST. WEEDS, GRASS AND ROOTS.
- ALL PLANT AND BED LINE LOCATIONS SHALL BE STAKED IN THE FIELD AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- ALL PLANTINGS SHALL BE INSTALLED WITH THE SPECIFIED LAYER OF MULCH. REFERENCE DETAILS FOR DEPTH AND TYPE OF MULCH. ALL TREES AND SHRUBS SHALL BE PLANTED IN MULCH BEDS.
- FINISHED GRADE IN LANDSCAPE ISLANDS THAT ARE TO RECEIVE MULCH SHALL BE SET SO THAT IT IS ONE INCH LOWER THAN THE TOP OF SURROUNDING CURBS. MULCH WITH 3" OF TROPIC SHEDDED HARDWOOD MULCH FROM A REPUTABLE LOCAL SOURCE.
- CONTRACTOR SHALL PROVIDE WATER PERMEABLE WEED MAT FOR ALL PLANTING BEDS.
- ALL TREES SHALL BE PLANTED IN A MULCH BED 4'-6" WIDE MINIMUM DEPENDING ON TREE SIZE AT MATURITY.
- CONTRACTOR MAY SUBSTITUTE SHRUBS AND TREES FROM THE LAND DEVELOPMENT ORDINANCE'S "NATIVE SHRUBS AND TREES OF CARTER COUNTY" TABLES WITH THE TOWN'S APPROVAL.

PLANTING SCHEDULE							
SYM/KEY	QTY	BOTANICAL NAME	COMMON NAME	CALIPER	INITIAL HEIGHT	MATURE HT	SPECIFICATION
LARGE TREES							
6	6	NYSSA SYLVATICA	BLACK GLIM	2" MIN	8' MIN	30-50'	B&B AS SHOWN
15	15	ILEX OPACA	AMERICAN HOLLY	2" MIN	8' MIN	15-30'	B&B AS SHOWN
MEDIUM TREES							
4	4	OXYDENDRUM ARBOREUM	SOURWOOD	1.5" MIN	6' MIN	20-30'	B&B AS SHOWN
8	8	PERSEA BORBONIA	RED BAY	1.5" MIN	6' MIN	30-50'	B&B AS SHOWN
SMALL TREES							
37	37	MRYICA CERIFERA	WAX MYRTLE	1" MIN	4.5' MIN	20-25'	B&B AS SHOWN
23	23	OSMOANTHUS AMERICANUS	TEA OLIVE	1" MIN	4.5' MIN	15-25'	B&B AS SHOWN
SHRUBS							
105	105	PHODODENDRON NIXIFLORUM	WILD AZALEA	1 1/2"	4'-10"		AS SHOWN
50	50	LEUCODIODE AXILLARIS	FETTERBUSH	1 1/2"	3'-4"		AS SHOWN



NATURAL BUFFER EXHIBIT
NTS

Table 14-2 Minimum Installed Tree Dimensions		
Tree Size Category (all trees at maturity size)	Minimum DBH (at planting)	Minimum Height (at planting)
Small Trees, 10'-20' Tall (see Appendix A)	1.5"	4'
Medium Trees, 20'-50' Tall (see Appendix A)	1.5"	6'
Large Trees, 50' or Taller (see Appendix A)	2"	8'

Table 14-3 Tree Planting Distance from Curb, Curb Line, or Sidewalk	
Size	Distance from Curb, Curb Line, or Sidewalk
Small Trees, 10'-20' Tall (see Appendix A)	Two feet (2')
Medium Trees, 20'-50' Tall (see Appendix A)	Three feet (3')
Large Trees, 50' or Taller (see Appendix A)	Four feet (4')

Table 14-4 Shrub Size at Time of Planting		Requirement Fulfilled	
Size	Requirement Fulfilled	Requirement Fulfilled	Requirement Fulfilled
18"	The parking lot interior	The parking lot interior	The parking lot interior
24"	The parking lot street frontage	The parking lot street frontage	The parking lot street frontage
18"	The foundation	The foundation	The foundation
**36"	The loading dock screening	The loading dock screening	The loading dock screening

Table 14-8 Minimum Planter Width	
Tree Size at Maturity	Minimum Planter Width
Small Trees, 10'-20' Tall (see Appendix A, Table A-3)	Four feet (4')
Medium Trees, 20'-50' Tall (see Appendix A, Table A-4)	Four feet (4')
Large Trees, 50' or Taller (see Appendix A, Table A-5)	Six feet (6')

Table 14-6 Required Tree Variety	
Number of Required Trees	Variety
More than 10 trees required	Two or more types
20-40 trees required	No more than 50% of one type
40+ trees required	No more than 25% of one type

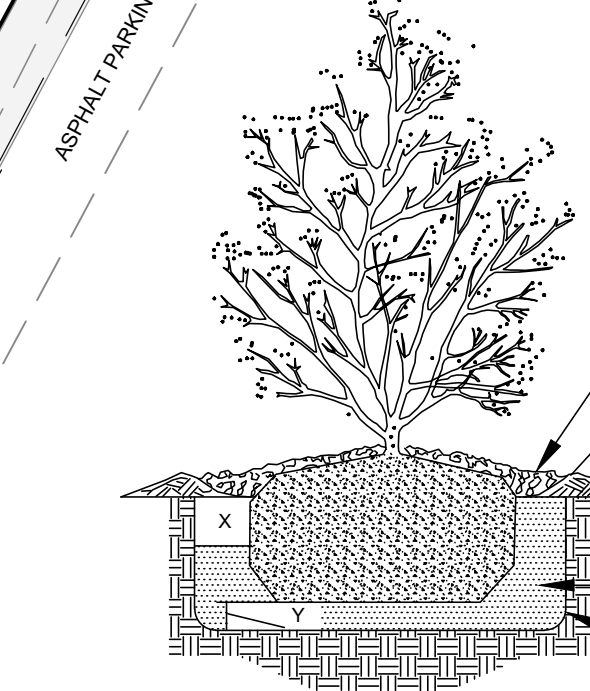
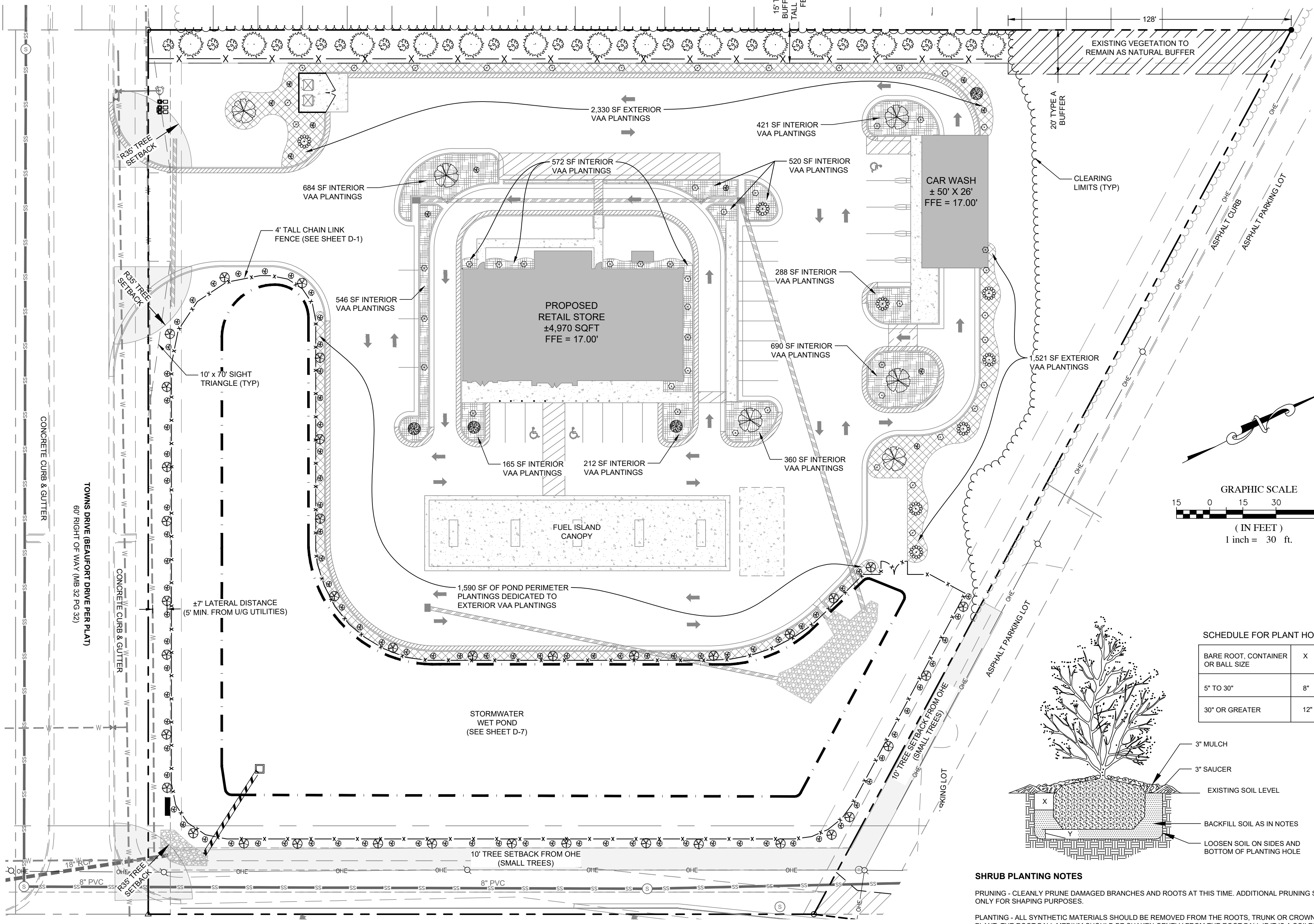
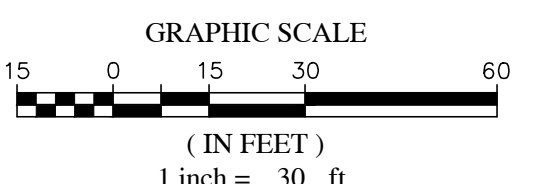
Table 19-1 "Type A" Screen Buffer Yard	
SCREENING/BUFFERING MATERIAL	BUFFER YARD WIDTH OPTIONS
Large trees (evergreen)	10-19 ft. 20 ft. or more
Small trees (evergreen)	4 6 4
Large Shrubs (evergreen only)	0 25
Build opaque fence or wall (6' height minimum) covering entire length of buffer yard	Required Optional
MINIMUM AMOUNT OF REQUIRED SCREENING/BUFFERING MATERIAL PER 100 LINEAR FEET TOTAL	10 trees plus fence or wall 10 trees plus 25 large shrubs

TYPE "A" BUFFER W/ FENCE PLANT CALCULATIONS				
PLANTS	RATE	CALCULATION	QTY	PROVIDED
SMALL TREES REQUIRED	4 / 100'	(386'/100')x4 = 23.2	15	15
LARGE TREES REQUIRED	6 / 100'	(386'/100')x6 = 15.4	23	24
LARGE SHRUBS REQUIRED			0	0

* 386' OF REAR BUFFER YARD MEETS THE TYPE "A" BUFFER W/ FENCE REQUIREMENTS. THE REMAINING 128' OF REAR BUFFER YARD WILL A NATURAL BUFFER THROUGH PRESERVATION OF EXISTING VEGETATION.

VAA LANDSCAPING LEGEND	
	INTERIOR PROVIDED (4,458 SF) REQUIRED (4,242 SF)
	EXTERIOR PROVIDED (5,441 SF) REQUIRED (4,242 SF)
TOTAL PROVIDED VAA AREA	9,899 SF
TOTAL REQUIRED VAA AREA	8,484 SF

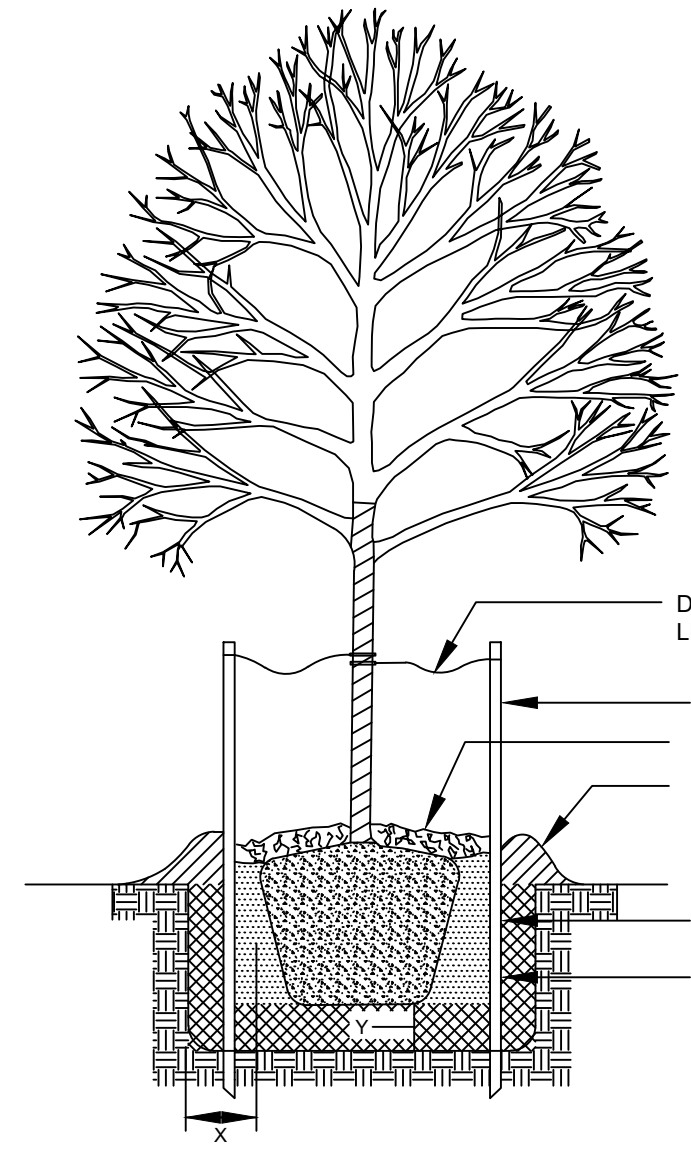
- UTILITIES LEGEND:**
- EXIST / PROPOSED
 - WATER VALVE
 - FIRE HYDRANT
 - WATER METER
 - FIRE DEPT. CONNECTION (FDC)
 - REDUCER
 - PLUG & BLOCK
 - MECHANICAL JOINT / BEND
 - POST INDICATOR VALVE (PIV)
 - AIR RELEASE VALVE (ARV)
 - SANITARY SEWER MANHOLE
 - SEWER CLEAN OUT
 - CURB INLET
 - DROP INLET
 - JUNCTION BOX
 - FLARED END SECTION (FES)
 - EXISTING WATER MAIN
 - PROPOSED WATER MAIN / SERVICE
 - EXISTING GAS MAIN
 - PROPOSED GAS MAIN
 - EXISTING OVERHEAD ELECTRIC
 - PROPOSED UNDERGROUND ELECTRIC
 - EXISTING SEWER MAIN
 - PROPOSED SEWER MAIN / SERVICE
 - EXISTING STORM PIPE
 - PROPOSED STORM PIPE
 - PROPOSED FENCE



SHRUB PLANTING NOTES

- PRUNING - CLEANLY PRUNE DAMAGED BRANCHES AND ROOTS AT THIS TIME. ADDITIONAL PRUNING SHOULD BE ONLY FOR SHAPING PURPOSES.
- PLANTING - ALL SYNTHETIC MATERIALS SHOULD BE REMOVED FROM THE ROOTS, TRUNK OR CROWN OF THE PLANT. THE ROOT BALL MEDIUM SHOULD BE SHAKEN GENTLY FROM THE ROOT BALL IF IT IS A SOILLESS MIXTURE. LOOSEN AND SPREAD THE ROOTS IN THE PLANTING HOLE. DAMAGED ROOTS AND ROOTS WHICH ENIRCLE THE TRUNK SHOULD BE CLEANLY PRUNED. SET THE PLANT SO THAT IT WILL BE AT ITS ORIGINAL DEPTH OR SLIGHTLY ABOVE THE EXISTING GRADE. BACKFILL WITH SOIL FROM THE HOLE. TAMP AND WATER THE SOIL TO PREVENT AIR POCKETS. DO NOT AMEND THE SOIL AT THIS TIME EXCEPT TO ADJUST THE PH.
- STAKING - STAKE ONLY LARGER PLANTS THAT WILL CATCH THE WIND. EVERGREENS MAY NEED ATTENTION WHERE DECIDUOUS PLANTS DO NOT.
- WATERING - THE BACKFILL AND ROOTS OF ALL NEWLY SET PLANT MATERIAL SHOULD BE WATERED AS BACKFILLING IS DONE SO THAT THE SOIL AND ROOTS ARE THOROUGHLY SOAKED.

SHRUB PLANTING DETAIL
NTS



NOTES

- REMOVE BURLAP FROM TOP OF ROOT BALL BEFORE BACKFILLING AROUND BALL IS COMPLETED
- ALL TREES WHICH ARE SMOOTH BARKED AT THE TIME OF PLANTING AND HAVE MORE THAN 2" OF CLEAR TRUNK SHALL BE WRAPPED
- ALL TREE WRAPPING SHALL EXTEND FROM THE TOP OF THE BACKFILL TO THE LOWERMOST TREE BRANCHES
- PRUNING - CLEANLY PRUNE DAMAGED BRANCHES AND ROOTS AT THIS TIME. ADDITIONAL PRUNING SHOULD BE ONLY FOR SHAPING PURPOSES.
- PLANTING - ALL SYNTHETIC MATERIALS SHALL BE CLEARED FROM THE ROOTS, TRUNK AND CROWN OF THE PLANT. THE ROOT BALL MEDIUM SHOULD BE SHAKEN GENTLY FROM THE ROOT BALL IF IT IS A SOILLESS MIXTURE. LOOSEN AND SPREAD THE ROOTS IN THE PLANTING HOLE. DAMAGED ROOTS AND ROOTS WHICH ENIRCLE THE TRUNK SHOULD BE CLEANLY PRUNED. SET THE PLANT SO THAT IT WILL BE AT ITS ORIGINAL DEPTH OR SLIGHTLY ABOVE EXISTING GRADE. BACKFILL WITH SOIL FROM THE HOLE. TAMP AND WATER THE SOIL TO PREVENT AIR POCKETS. DO NOT AMEND THE SOIL AT THIS POINT EXCEPT TO AMEND THE PH.
- WATERING - THE BACKFILL AND ROOTS OF ALL NEWLY SET PLANTS SHOULD BE WATERED AS BACKFILLING IS BEING DONE SO THAT THE SOIL AND ROOTS ARE THOROUGHLY SOAKED.

TREE PLANTING AND STAKING DETAIL
NTS

Vehicle Accommodation Area (VAA) Calculations		
Required Landscaping Area of VAAs		
Table B-1 VAA Landscaping Calculations		
1	Including parking spaces, driveways, loading areas, parking aisles, and other circulation areas and not including building area or any area which will remain completely undeveloped. calculate square footage of the VAA.	70,703 SF
2	Required landscaping percentage.	12 %
3	For required landscaping area, multiply line 1 by line 2.	8,484 SF
4	Interior landscaping percentage.	50 %
5	For the required landscaping in the interior of the VAA, multiply line 3 and line 4.	4,242 SF
6	Existing landscaping area, if any, to be retained in and around the VAA.	0 SF
7	Subtract line 3 from line 6. This is the landscape area required.	8,484 SF
Impervious Surface Ratio (ISR)		
Table B-2 ISR Calculations		
8	Total amount of impervious surface area on the lot including building area, parking spaces, driveways, loading areas, parking aisles, and other circulation areas and not including any area which will remain completely undeveloped.	71,568 SF
9	Total development impact area (do not include areas in wetlands or flood plains)	163,578 SF
10	For Impervious Surface Ratio (ISR), divide line 8 by line 9.	44 %
11	Including parking spaces, driveways, loading areas, parking aisles, and other circulation areas and not including building area or any area which will remain completely undeveloped. calculate the square footage of the VAA.	70,703 SF

Table B-3 ISI Calculations	
Impervious Surface Ratio (ISR)	Impervious Surface Intensity (ISI)
0.08 - 0.2%	High
0.20 - 0.88%	Moderately High
0.41 - 0.68%	Moderate
0.40% and below	Low

Required VAA Landscaping Calculations		
Table 4 Required VAA Landscaping Calculations		Unit
12	Deciduous trees needed (use ISR from line 11 above to determine ISI ratio) For High ISR, enter 0.0003; For Moderately High ISR, enter 0.00025; For Moderate ISR, enter 0.00020; For Low ISR, enter 0.00016.	14 Trees
13	Shrubs needed (use ISR from line 11 above to determine ISI ratio) For High ISR, enter 0.0020; For Moderately High ISR, enter 0.0020; For Moderate ISR, enter 0.0010; For Low ISR, enter 0.0003.	71 Shrubs
14	Is the amount of parking more than what is prescribed in Section 13. If "YES", go to line 15. If "NO", stop here.	YES
15	For extra trees required, multiply line 12 by 0.05.	1 Trees
16	For extra shrubs required, multiply line 13 by 0.05.	4 Shrubs
17	Subtotal (deciduous trees) add line 12 & line 15.	15 Trees
18	Subtotal (shrubs) add line 13 & line 16.	74 Shrubs
Exemptions to Landscaping. Check all boxes which apply in lines 19-22		
19	A minimum of 30% of the parking is provided in the side or rear of the building.	YES
20	VAA are distinctly divided into smaller units (each less than 25,000 sq ft).	YES
21	Storm water detention pond is incorporated with the landscaping.	YES
22	A minimum of 20% of the total VAAs are paved using paving grids.	NO
23	Total number of boxes checked in lines 19 through 22.	3
24	Reduction multiplier (multiply line 23 by 0.06 (6% reduction in required landscaping).	15 %
Additional Exemptions. Check all boxes which apply in lines 25-27		
25	Street trees planted at rate of 1 per 30' of street.	NO
26	Evergreen shrubs screen VAAs from adjacent lots and street.	YES
27	Adequate provisions have been made for pedestrian and bike traffic by installing walkways, bikeways, bicycle parking, and other similar facilities within the VAAs.	NO
28	Total number of boxes checked in lines 25-27.	1
29	Reduction in landscaping. Multiply line 28 by 0.1 (10% reduction in required landscaping).	10 %
30	Total Exemptions add line 24 & line 29.	25 %
Reduction in Landscaping		
31	For the reduction in the number of deciduous trees required, multiply line 17 and line 30.	4 Trees
32	For the reduction in the number of shrubs required, multiply line 18 and line 30.	19 Shrubs
TOTAL LANDSCAPING REQUIRED		
33	For the reduction in the number of deciduous trees required.	11 Trees
34	For the reduction in the number of shrubs required, multiply line 18 and line 30.	56 Shrubs

POND PERIMETER PLANT CALCULATIONS				
PLANTS	RATE	CALCULATION	QTY	PROVIDED
LARGE OR MEDIUM TREES	FENCE LENGTH 1 / 50'	1,116'/50' = 23.3	23	*37
SHRUBS (6" MATURE WIDTH)	50% SCREENING OF FENCE	(1,116'/50')*50% = 93	93	94

* SMALL TREES WERE SUBSTITUTED FOR MEDIUM OR LARGE TREES DUE TO OVERHEAD ELECTRICAL DISTRIBUTION LINE SPACING (MIN. 10' FOR SMALL TREES). SMALL TREES WERE PLANTED AT A RATE OF 1 / 30' OF POND FENCE.

REVISIONS

NO.	DATE	BY
7		
6		
5		
4		
3		
2		
1		

NO.	DATE	BY
7		
6		
5		
4		
3		
2		
1		

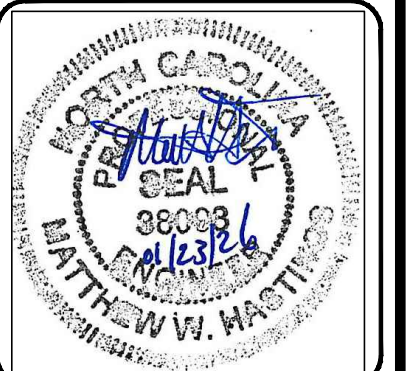
PROJECT ENGINEER/ARCHITECT
MIMI HART (MIMI.HART@SUMMITDE.COM)

PROJECT MANAGER
MIMI HART (MIMI.HART@SUMMITDE.COM)

ENGINEERING SERVICES
MIMI HART (MIMI.HART@SUMMITDE.COM)

DRAWING ALTERNATE
MIMI HART (MIMI.HART@SUMMITDE.COM)

DATE
10-29-2025



SUMMIT
DESIGN AND ENGINEERING SERVICES

Sho License #: P-0339
330 Executive Court
Fayetteville, NC 27278
Voice: (919) 732-3883 Fax: (919) 732-6676
www.summitde.com

TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
LIVE OAK STREET
BEAUFORT, NC

LANDSCAPING PLAN

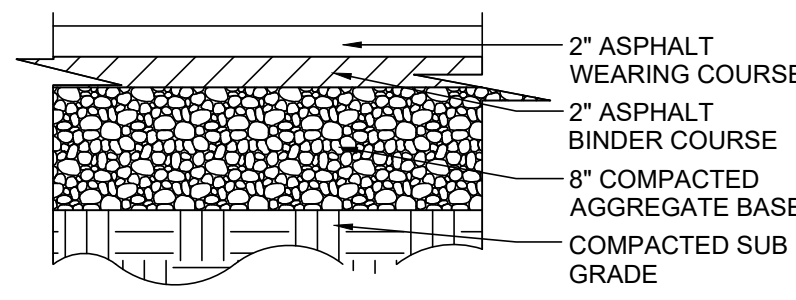
PROJECT NO.
25-0099

DRAWING NAME:
25-0099_S

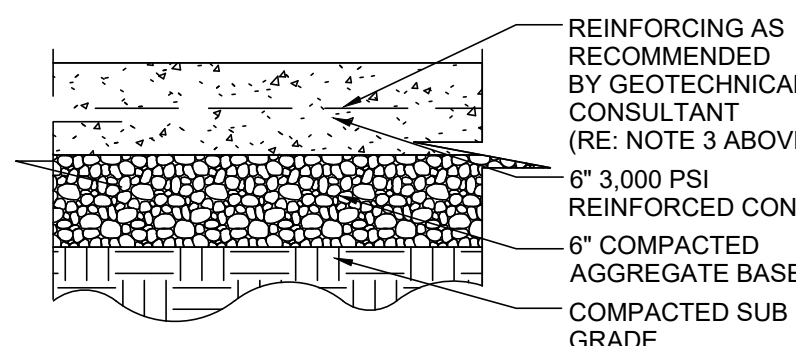
SHEET NO.
C-9

PAVEMENT DETAILS

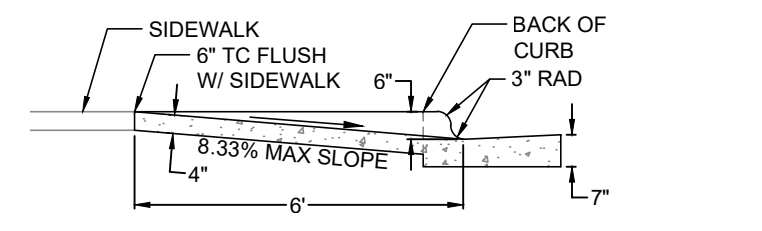
1. DETAILS ARE UNIVERSAL AND MAY CHANGE WITH VARIOUS SOIL CONDITIONS OR STATE/LOCAL REQUIREMENTS. A GEOTECHNICAL INVESTIGATION WITH PAVEMENT DESIGN RECOMMENDATIONS SHALL BE COMPLETED FOR EACH DEVELOPMENT. THE FOLLOWING DETAILS ARE UNIVERSAL AND ANY RECOMMENDED DESIGN CHANGES ARE TO BE USED.
2. THE SUBGRADE MATERIALS SHALL BE PROOF ROLLED AND/OR SCARIFIED AND COMPACTED PRIOR TO PLACEMENT OF BASE MATERIAL. WHERE EXISTING SUBGRADE MATERIALS ARE UNSUITABLE, THEY SHALL BE REMOVED AND REPLACED WITH COMPACTED SELECT MATERIAL IN ACCORDANCE WITH GEOTECHNICAL RECOMMENDATIONS.
3. HEAVY DUTY CONCRETE PAVEMENT AND STANDARD DUTY CONCRETE PAVEMENT (AS RECOMMENDED BY THE GEOTECHNICAL REPORT OR STATE/LOCAL STANDARDS) SHALL BE STEEL REINFORCED. REINFORCEMENT TYPE SHALL MEET ACI/ASTM REQUIREMENTS.
4. ALL JOINTS MUST BE SEALED WITH AN APPROVED SEALANT. STEEL REINFORCING SHALL BE USED AT JOINTS. REFER TO ACI 330R (GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS) FOR JOINT DESIGN AND LAYOUT.



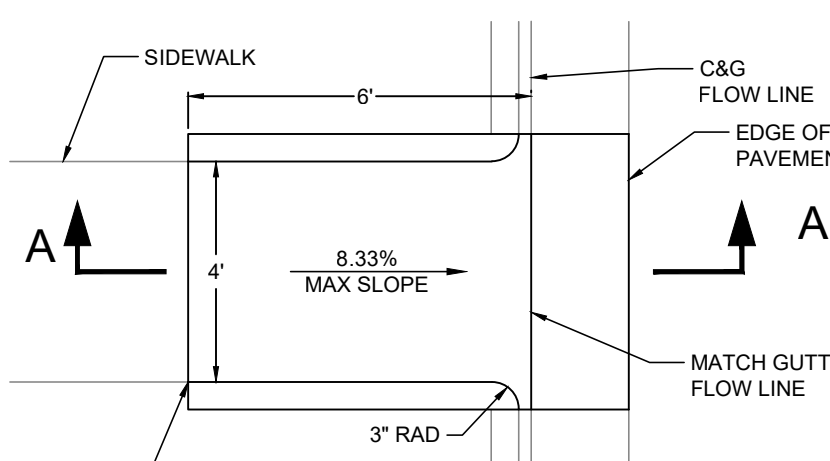
ASPHALT DETAIL
SCALE: NOT TO SCALE



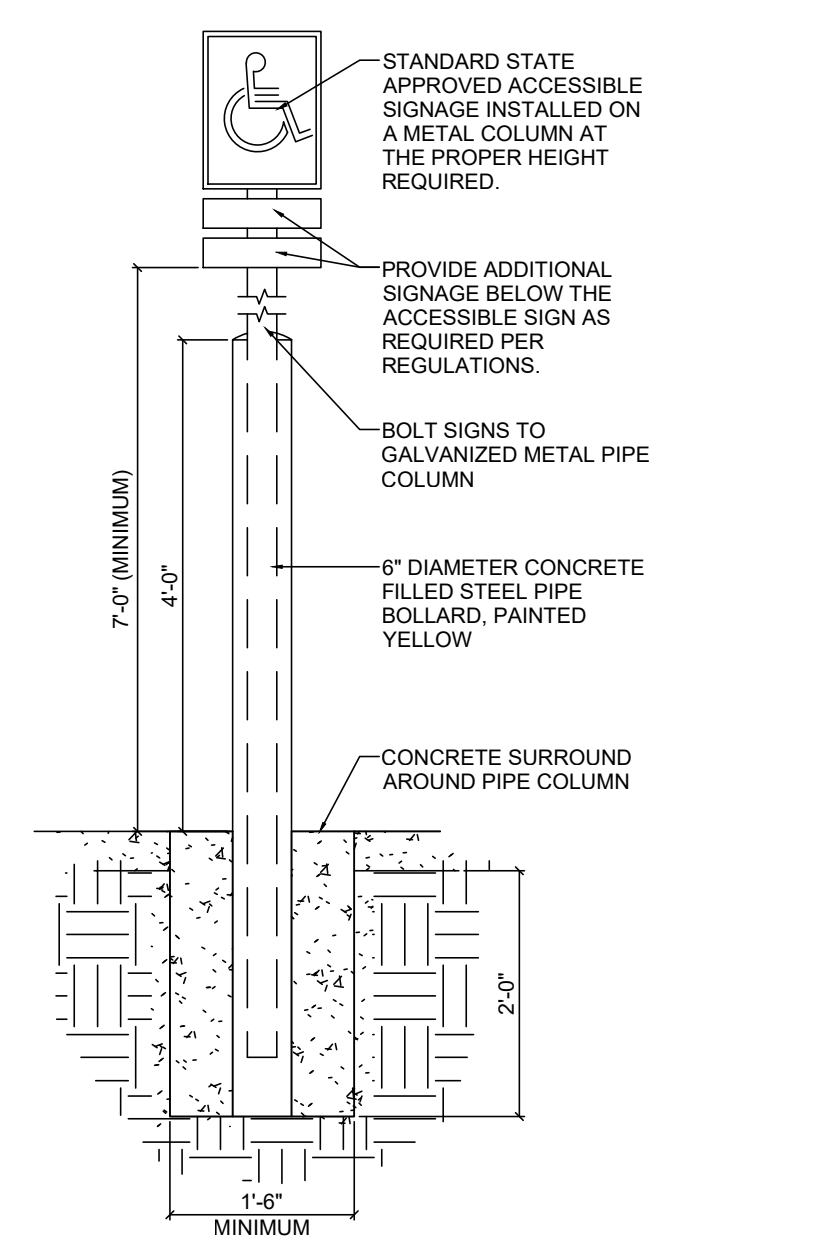
CONCRETE DETAIL
SCALE: NOT TO SCALE



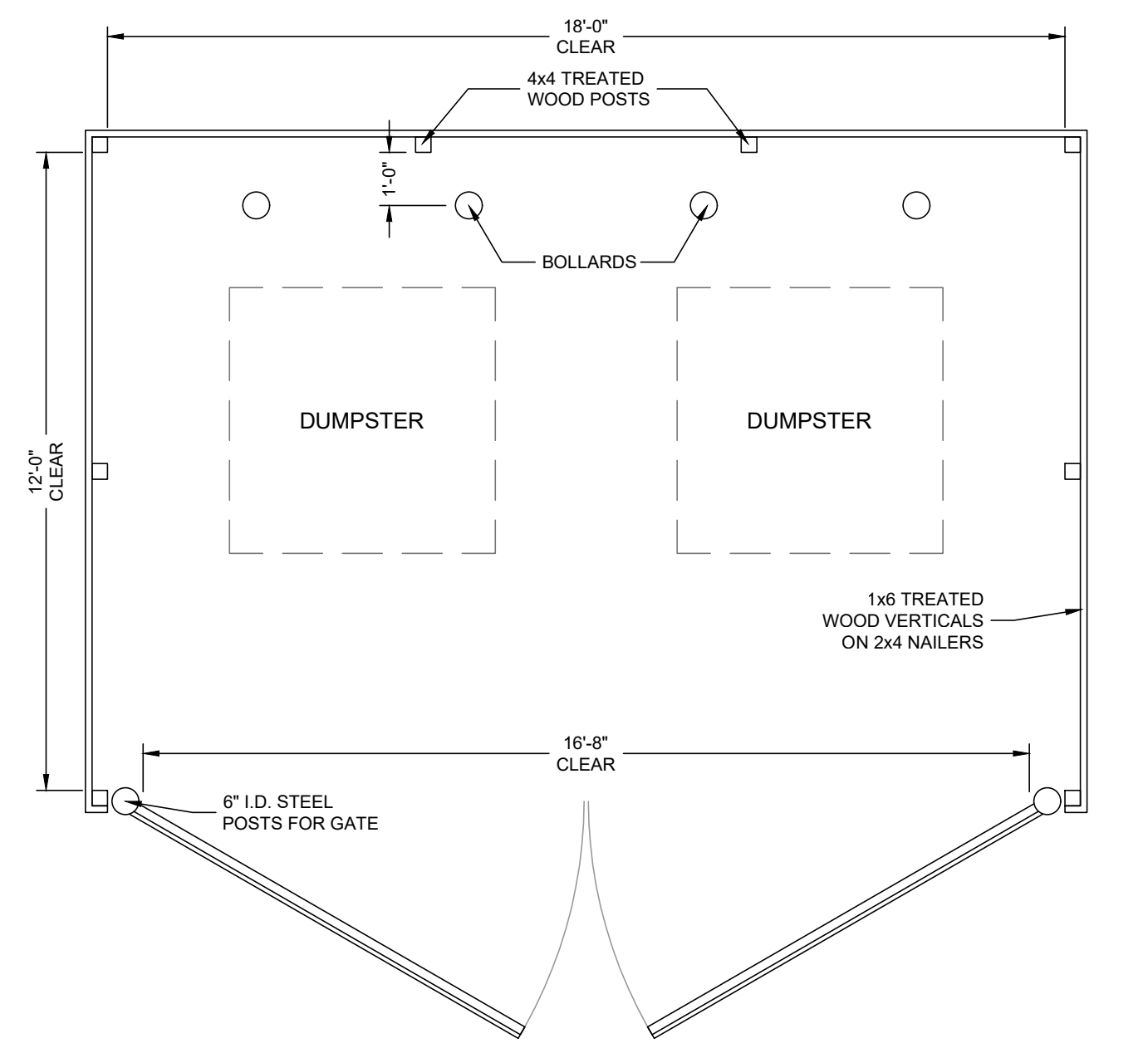
SECTION A-A



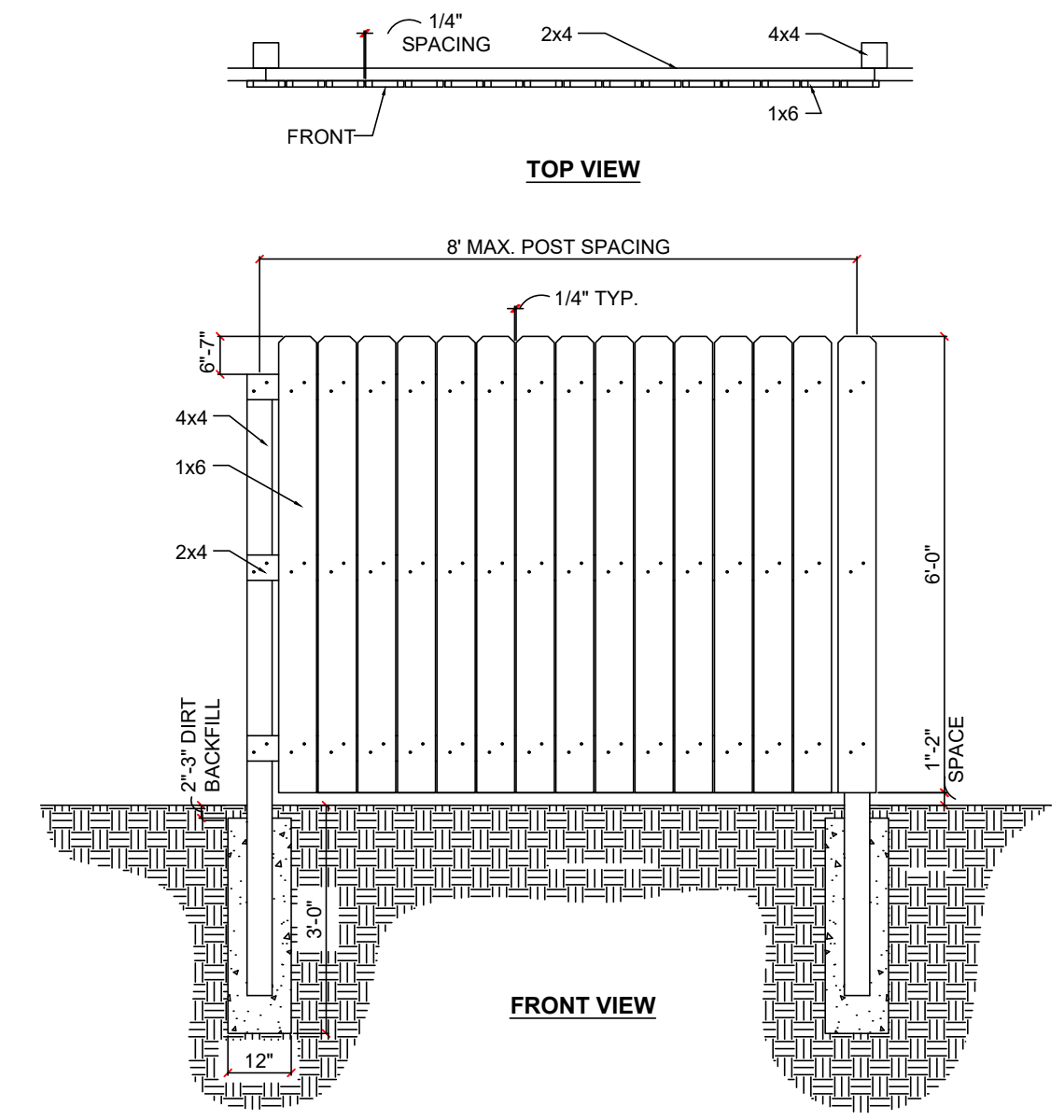
SIDEWALK RAMP DETAIL
N.T.S.



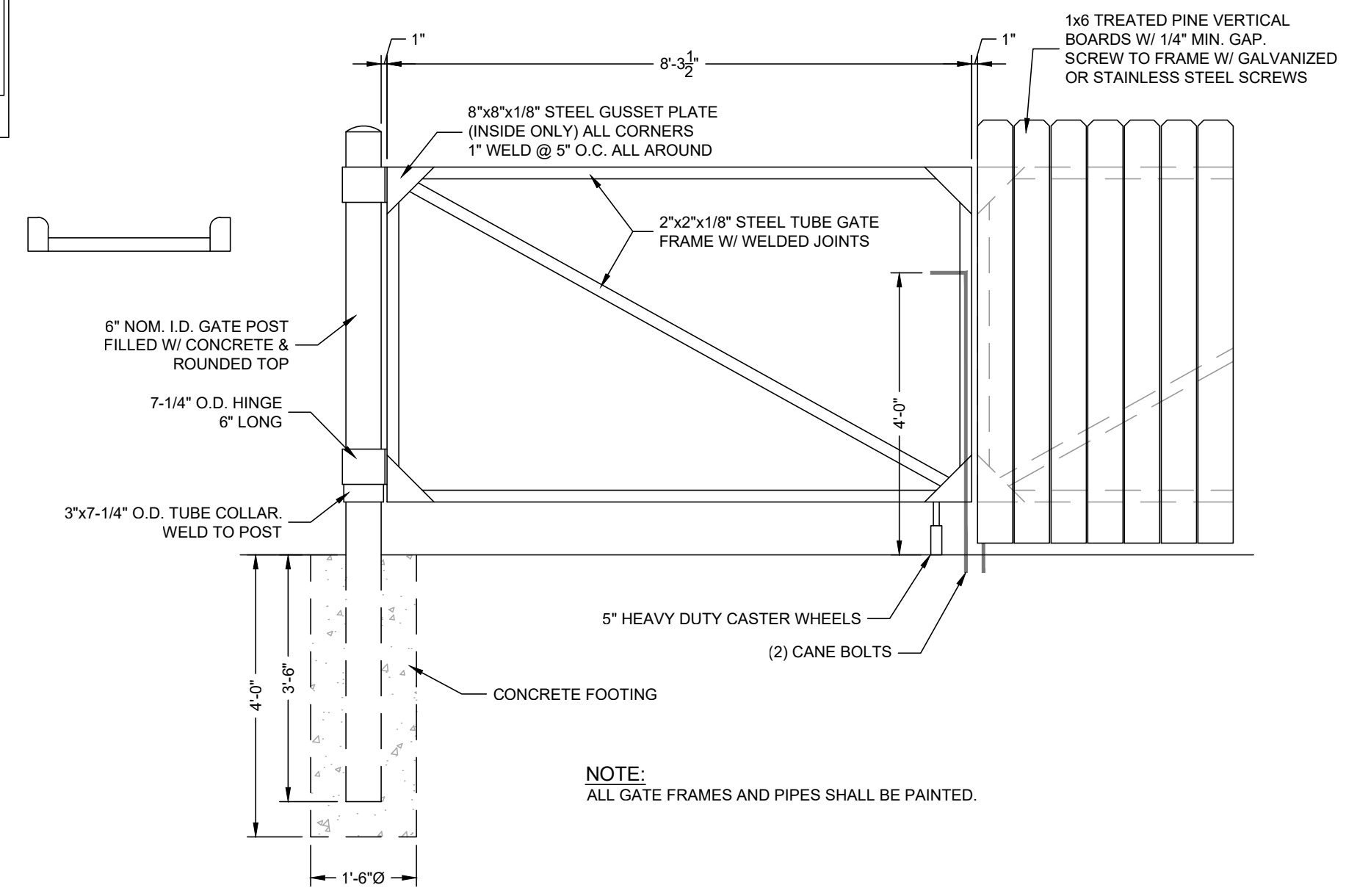
ACCESSIBLE PARKING DETAIL
SCALE: NTS



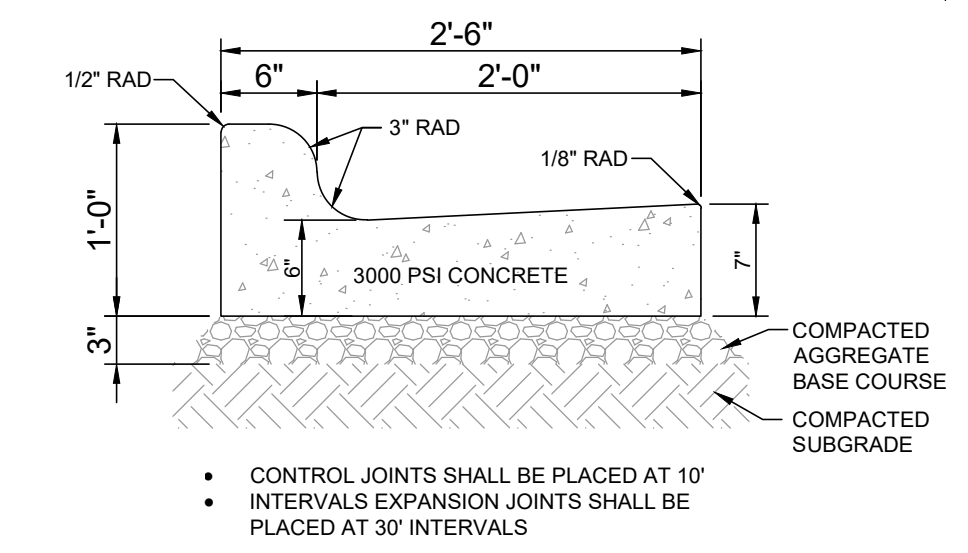
DUMPSTER ENCLOSURE PLAN
SCALE: NTS



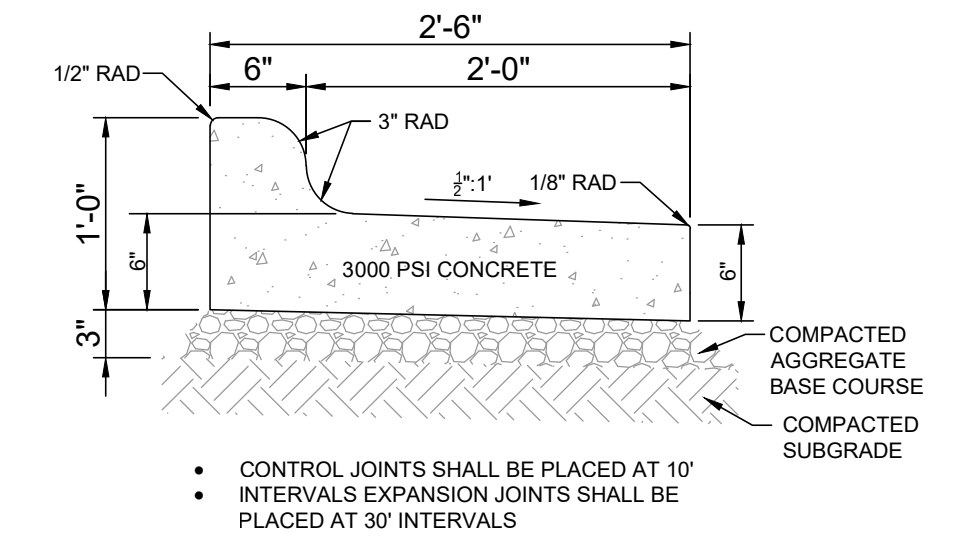
PRIVACY FENCE/DUMPSTER SCREEN DETAIL
SCALE: NTS



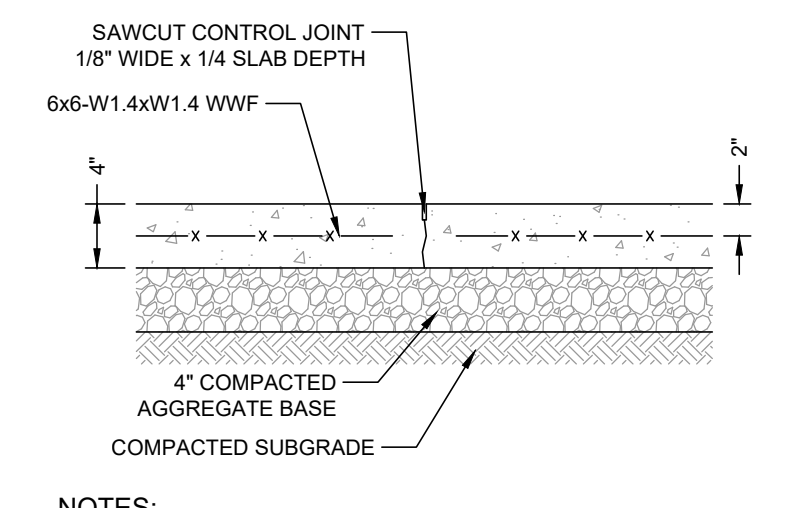
DUMPSTER ENCLOSURE GATE
SCALE: NTS



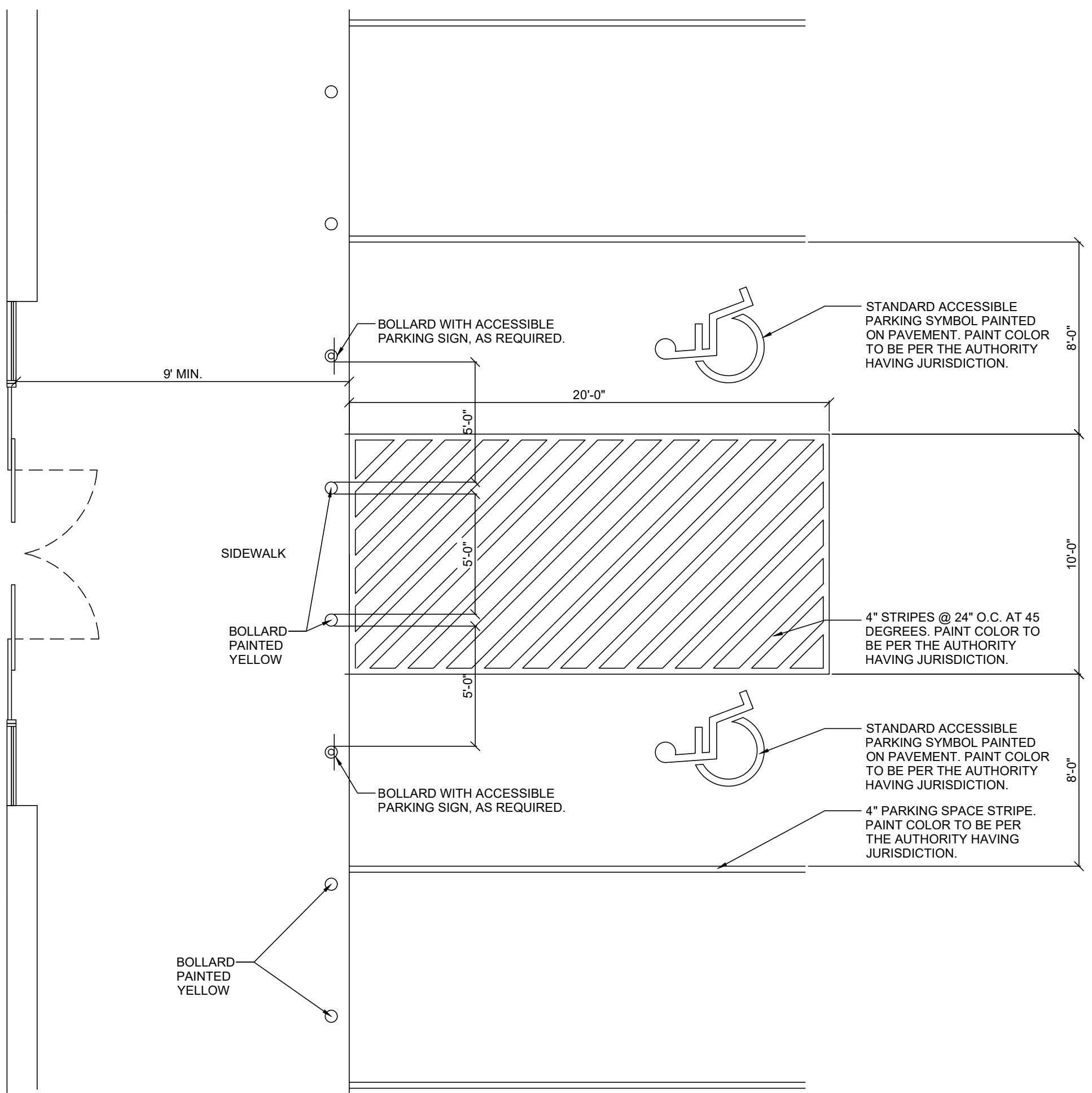
30\"/>



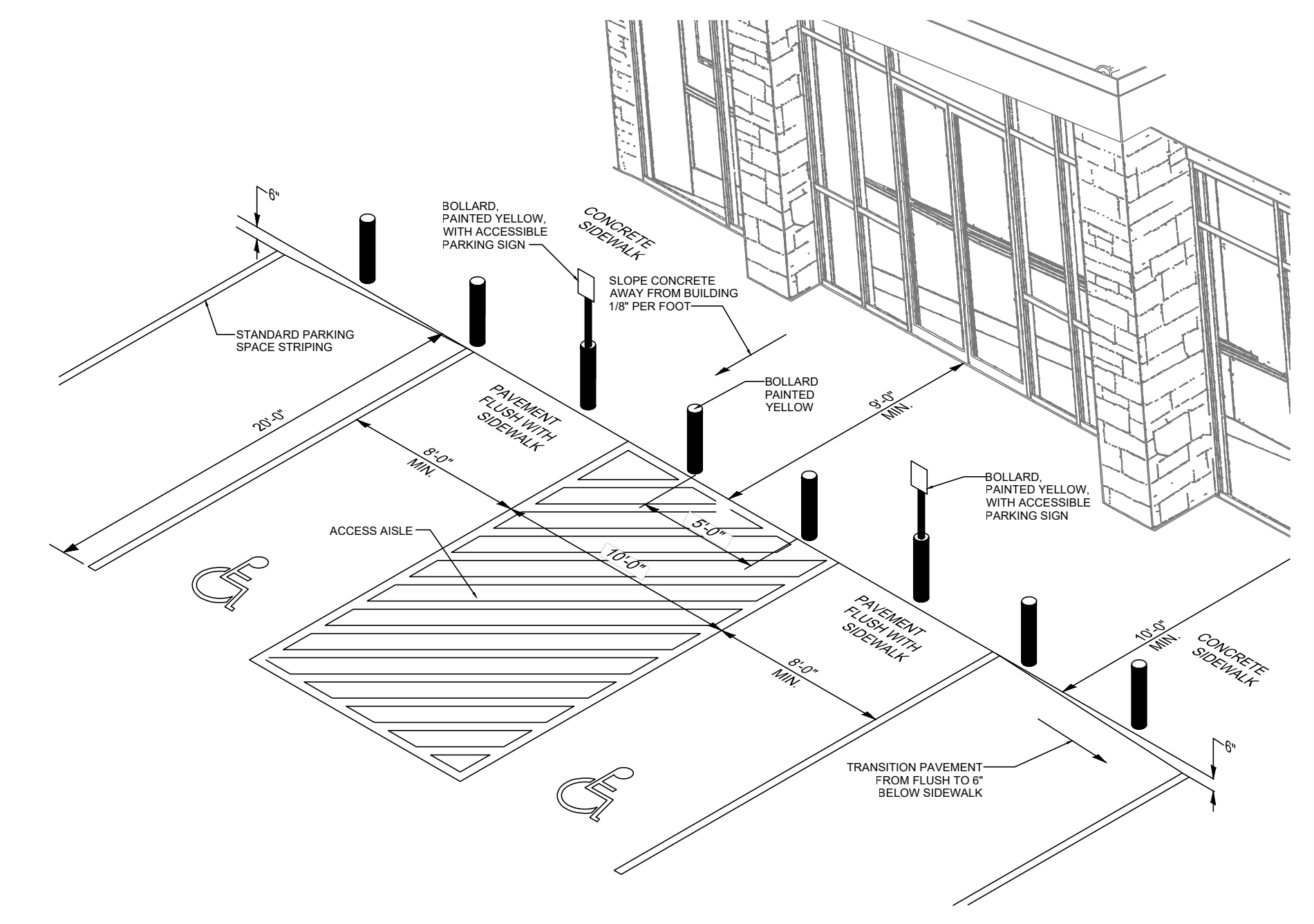
30\"/>



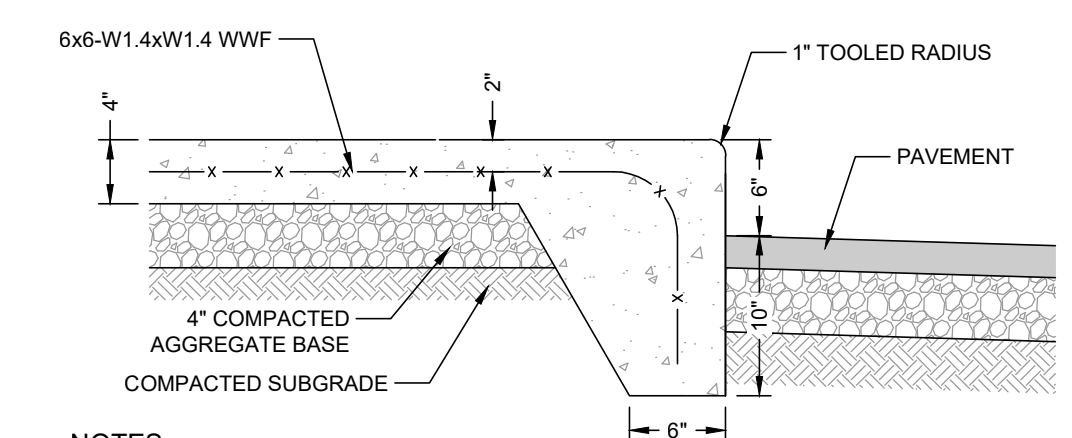
SIDEWALK DETAIL
N.T.S.



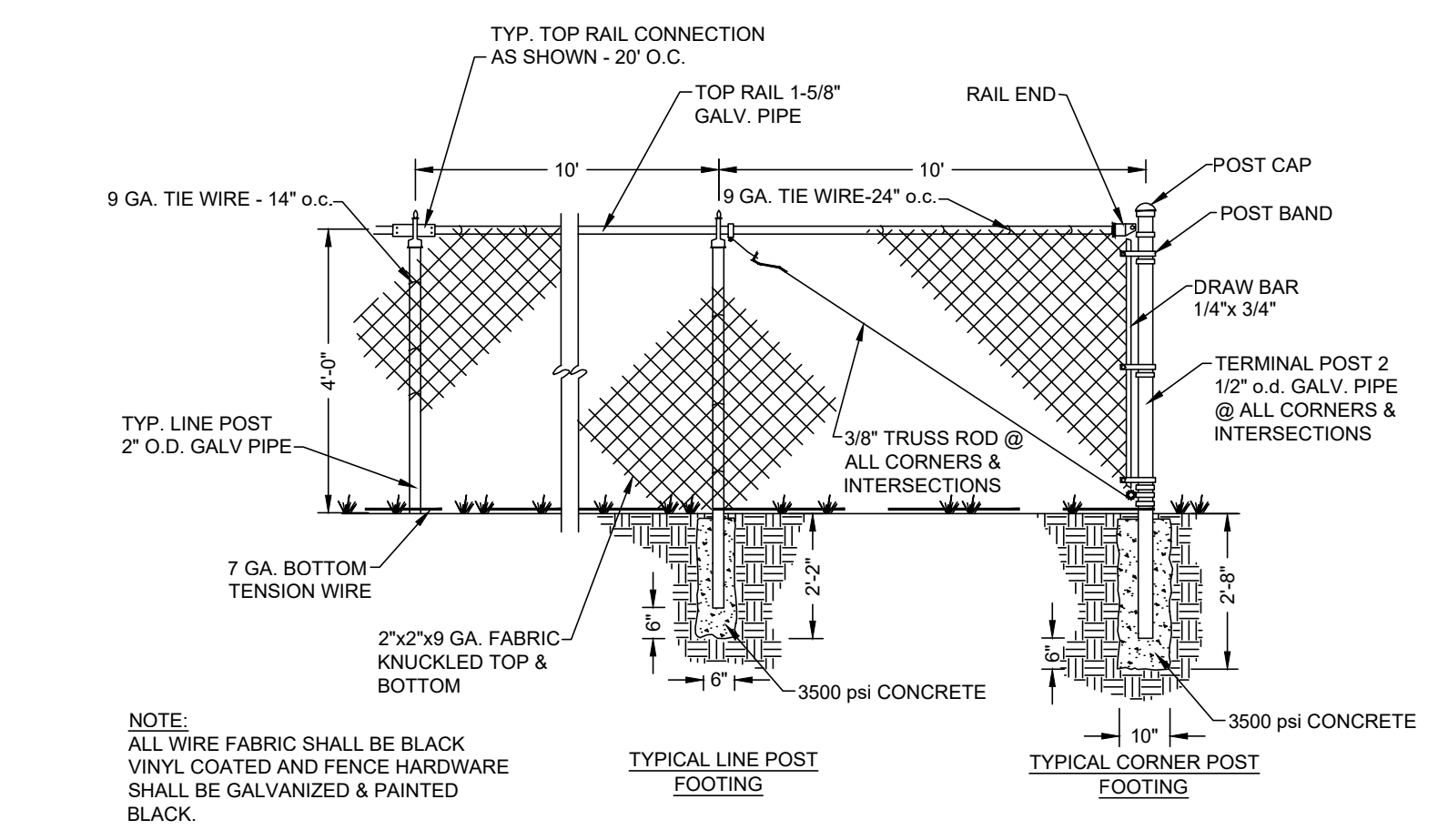
ACCESSIBLE PARKING DETAIL
SCALE: NTS



ACCESSIBLE PARKING, ACCESSIBLE RAMP AND ACCESS AISLE DETAILS
SCALE: NTS



TURN DOWN SIDEWALK DETAIL
N.T.S.



4\"/>

NO.	DATE	BY	REVISIONS
7			
6			
5			
4			
3			
2			
1			

COPYRIGHT © 2017
SUMMIT DESIGN AND
ENGINEERING SERVICES
DRAWING ALTERNATION
IT IS A VIOLATION OF LAW FOR ANY PERSON,
LICENSED ARCHITECT, PROFESSIONAL
LAND SURVEYOR TO REPRODUCE ANY ITEM ON
THIS DRAWING WITHOUT THE WRITTEN
CONSENT OF THE ARCHITECT OR SURVEYOR.
OR HER SIGNATURE AND SPECIFIC
ASSIGNMENT TO THE APPLICABLE.

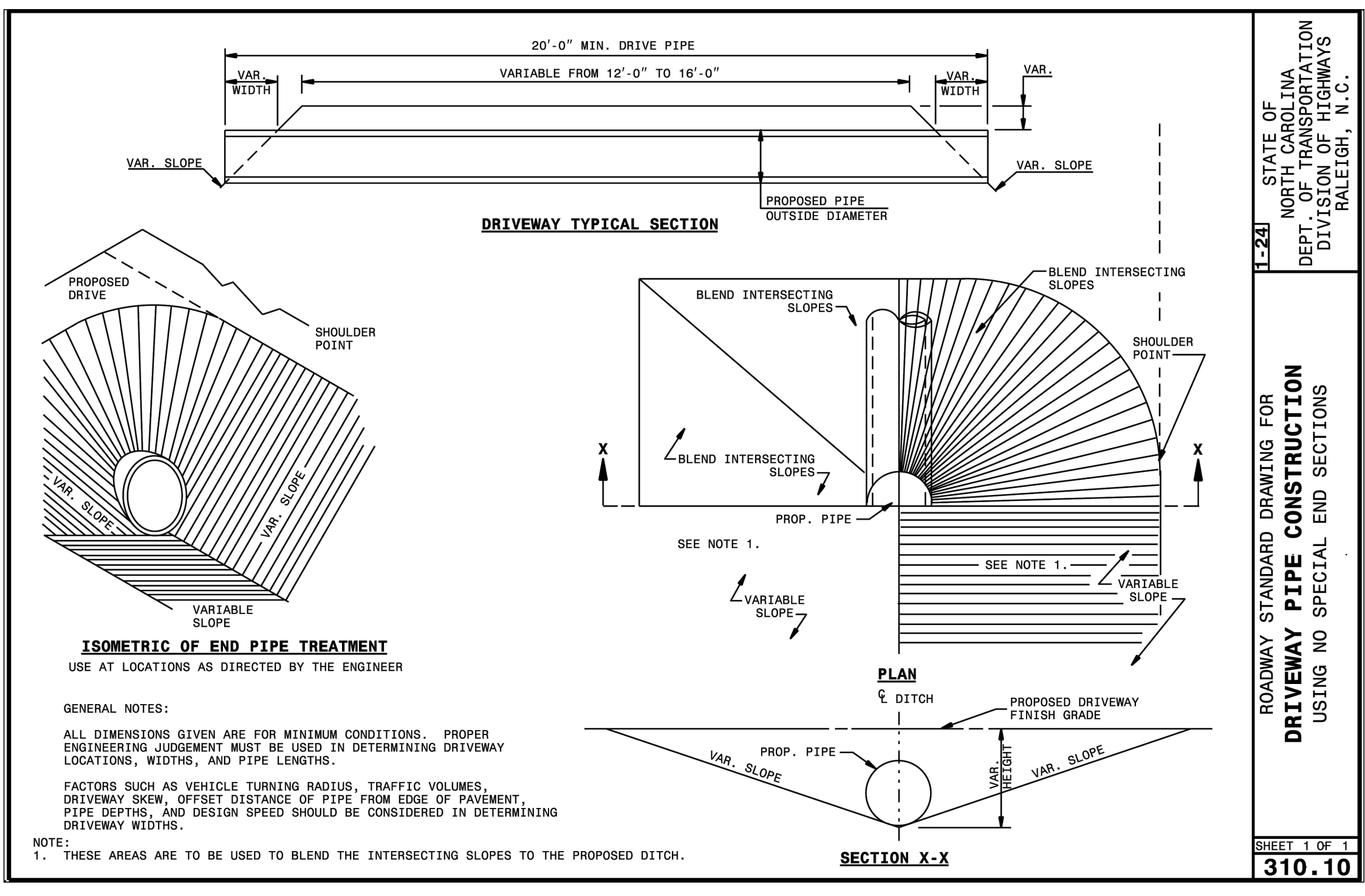
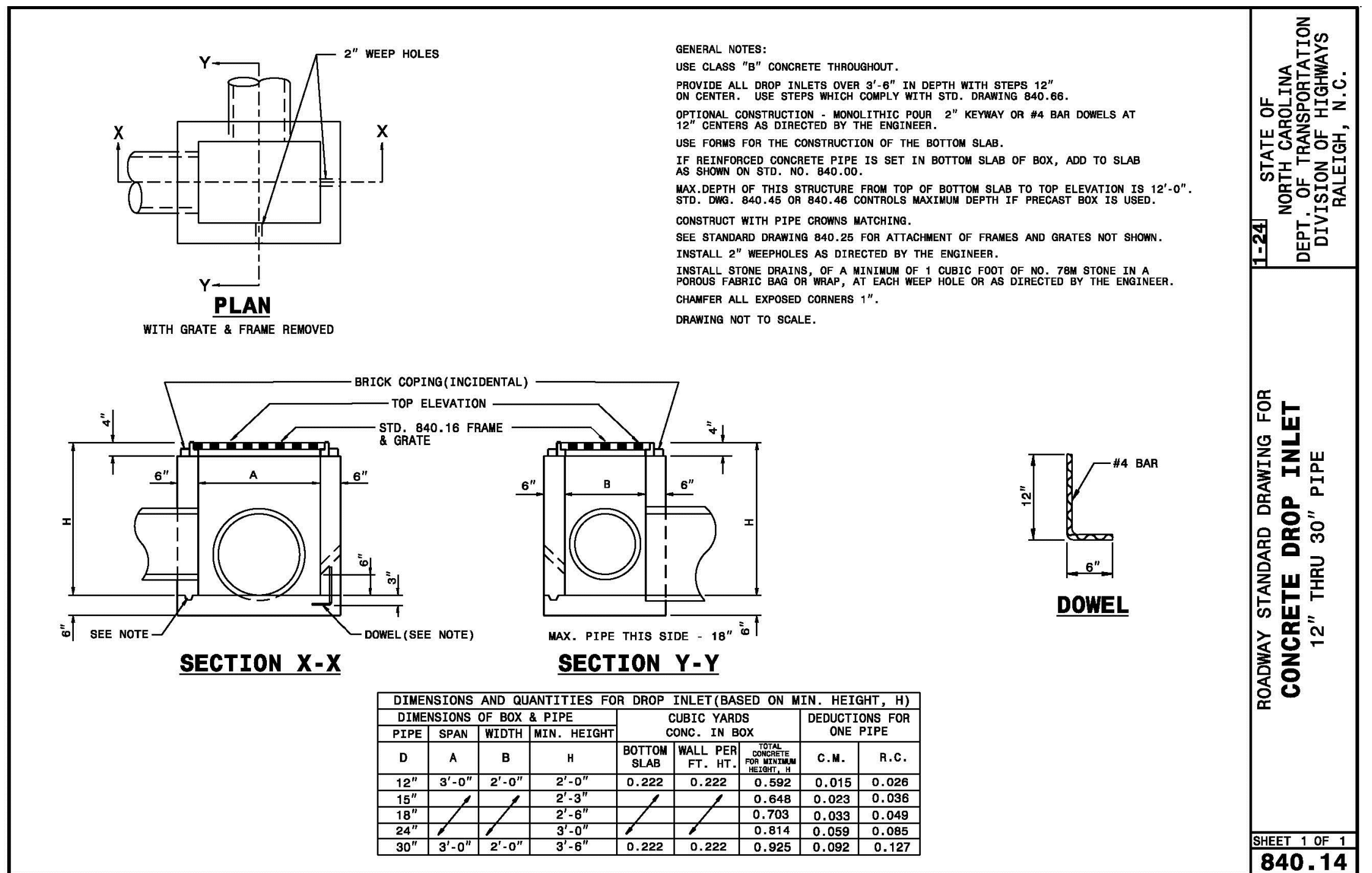
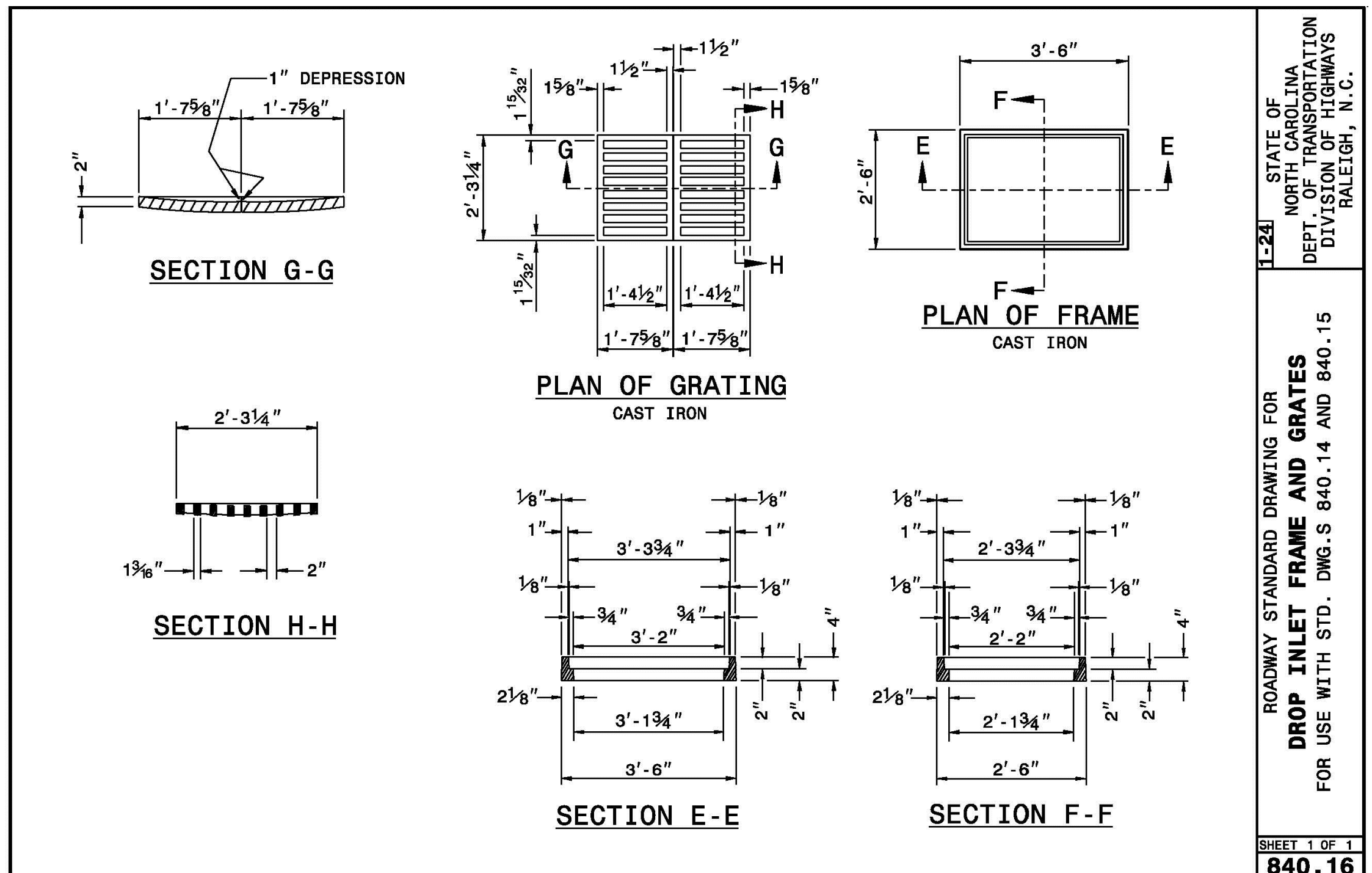
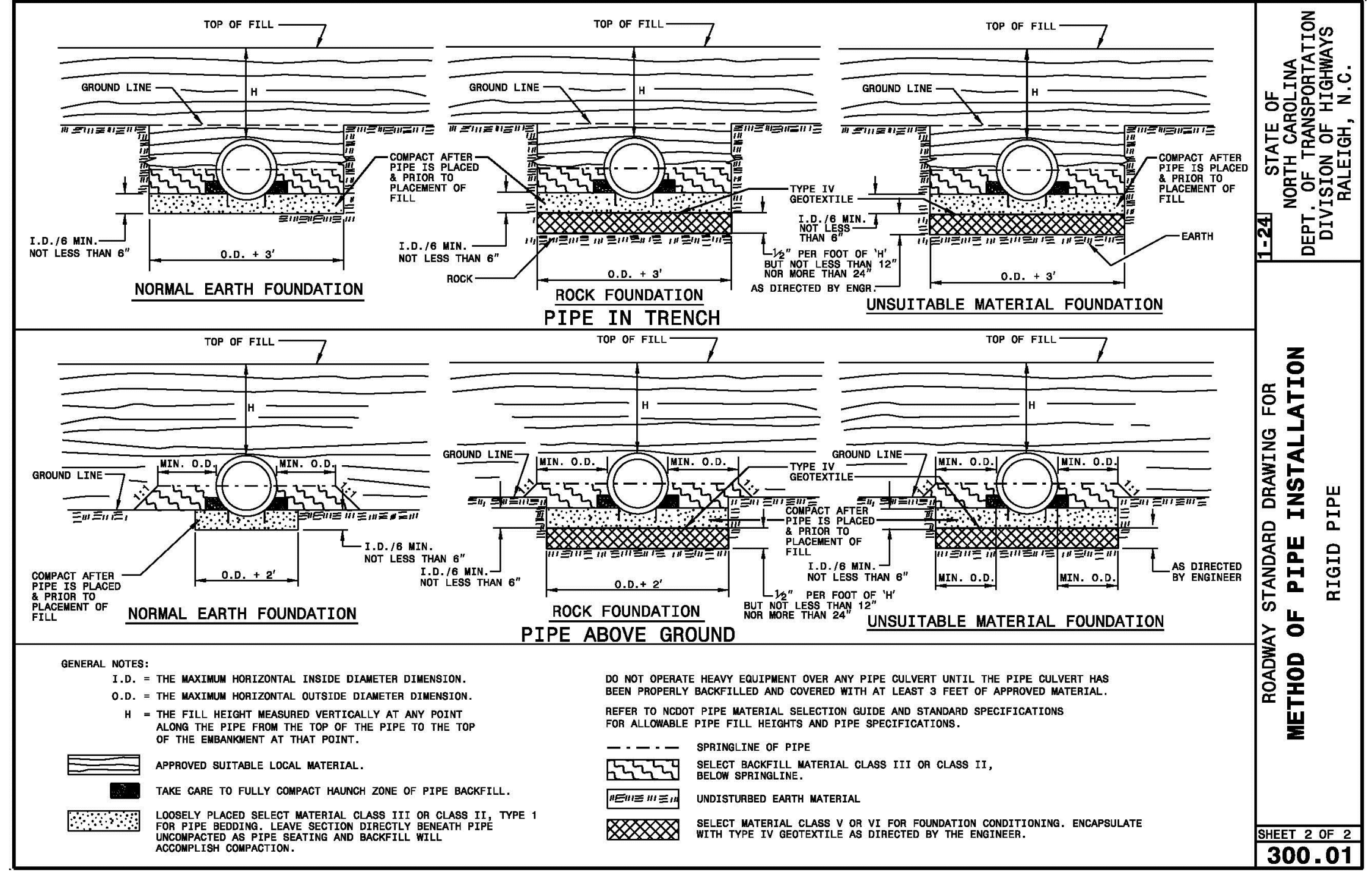
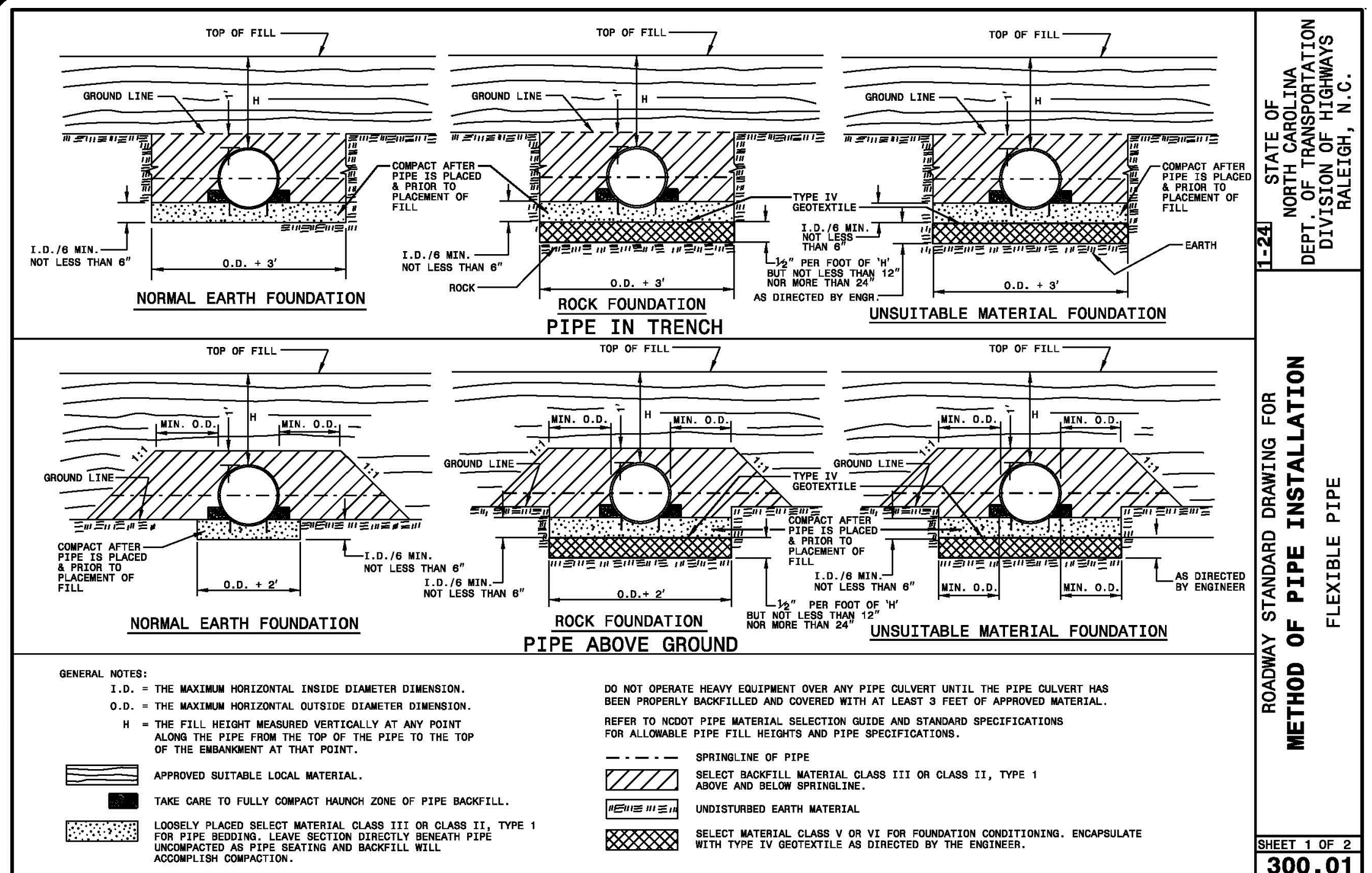
PROJECT ENGINEER/ARCHITECT
MWH/HAIT-HASTINGS@SUMMITDE.COM
PROJECT MANAGER
MWH/HAIT-HASTINGS@SUMMITDE.COM
DRAWN BY
M/MITCHELL.WARTING@SUMMITDE.COM
FIRST ISSUE DATE
10-29-2025



SUMMIT
DESIGN AND ENGINEERING SERVICES
State License #: P-40339
320 Executive Court
Hillsborough, NC 27778
Voice: (919) 732-3883 Fax: (919) 732-6676
www.summitde.com

TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
LIVE OAK STREET
BEAUFORT, NC
SITE DETAILS

PROJECT NO.
25-0099
DRAWING NAME:
25-0099_D
SHEET NO.
D-1



NO.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

COPYRIGHT © 2017
 SUMMIT DESIGN AND
 ENGINEERING SERVICES
 DRAWING ALTERNATION
 IT IS A VIOLATION OF LAW FOR ANY PERSON
 TO REPRODUCE, TRANSMIT, OR
 LICENSE ARCHITECT, PROFESSIONAL
 LAND SURVEYOR TO ALTER ANY ITEM ON
 THIS DRAWING WITHOUT THE WRITTEN
 CONSENT OF THE ARCHITECT OR SURVEYOR.
 WHO ACTS IN THIS CAPACITY IS REQUIRED
 TO MAINTAIN ALL FILES ON FILED UNDER THE
 OR HER SIGNATURE AND SPECIFIC
 AUTHORITY TO SIGN THIS DRAWING.

PROJECT ENGINEER/ARCHITECT
 MWH/HAIT-HASTINGS@SUMMITDE.COM
 PROJECT MANAGER
 MWH/HAIT-HASTINGS@SUMMITDE.COM
 DRAWN BY
 M/M/M/CH/ELL/MARTINS@SUMMITDE.COM
 FIRST ISSUE DATE
 10-29-2025



SUMMIT
 DESIGN AND ENGINEERING SERVICES
 State License # P-4039
 320 Executive Court
 Hillsborough, NC 27778
 Voice: (919) 752-3883
 Fax: (919) 752-6676
 www.summitde.com

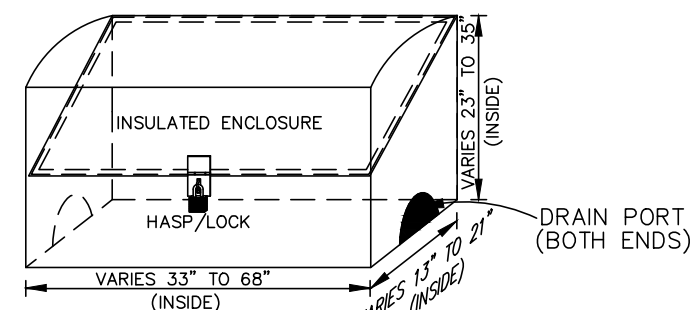
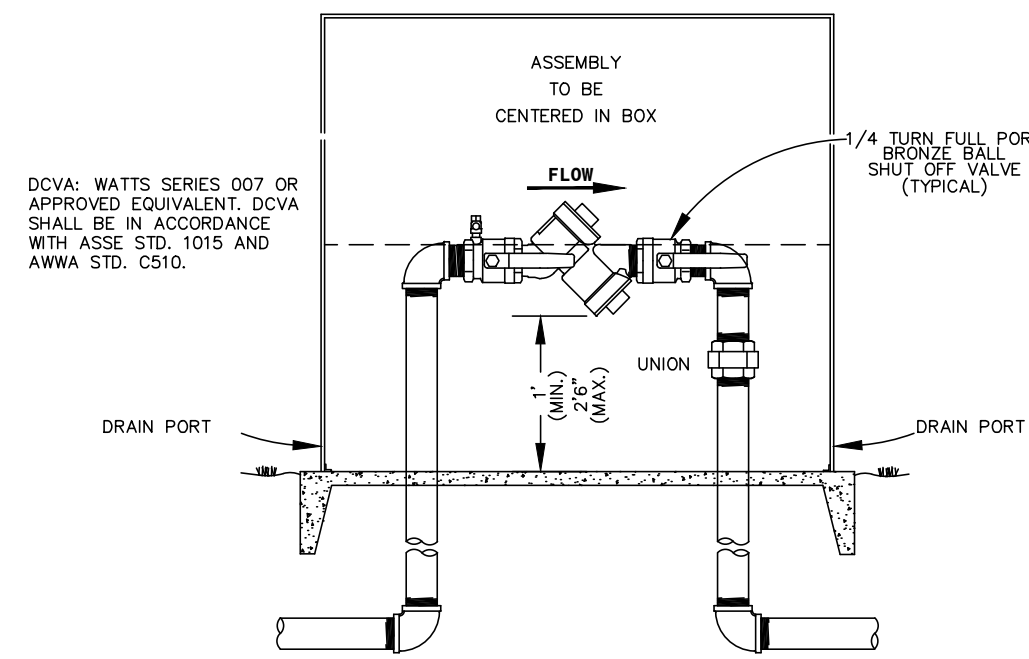
TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
 LIVE OAK STREET
 BEAUFORT, NC

SITE DETAILS

PROJECT NO.
25-0099

DRAWING NO.
25-0099_D

SHEET NO.
D-2

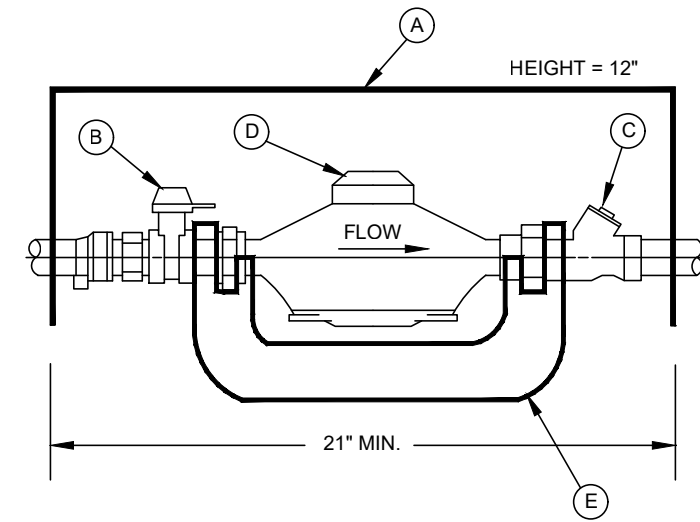


OUTDOOR FREEZE PROTECTION INSTALLATION

ENCLOSURE: HOTBOX, HB-75 - HB3E OR APPROVED EQUIVALENT.
ENCLOSURE SHALL MEET ASSE STD. 1060.

INSULATED HOTBOX ENCLOSURE

NOT TO SCALE



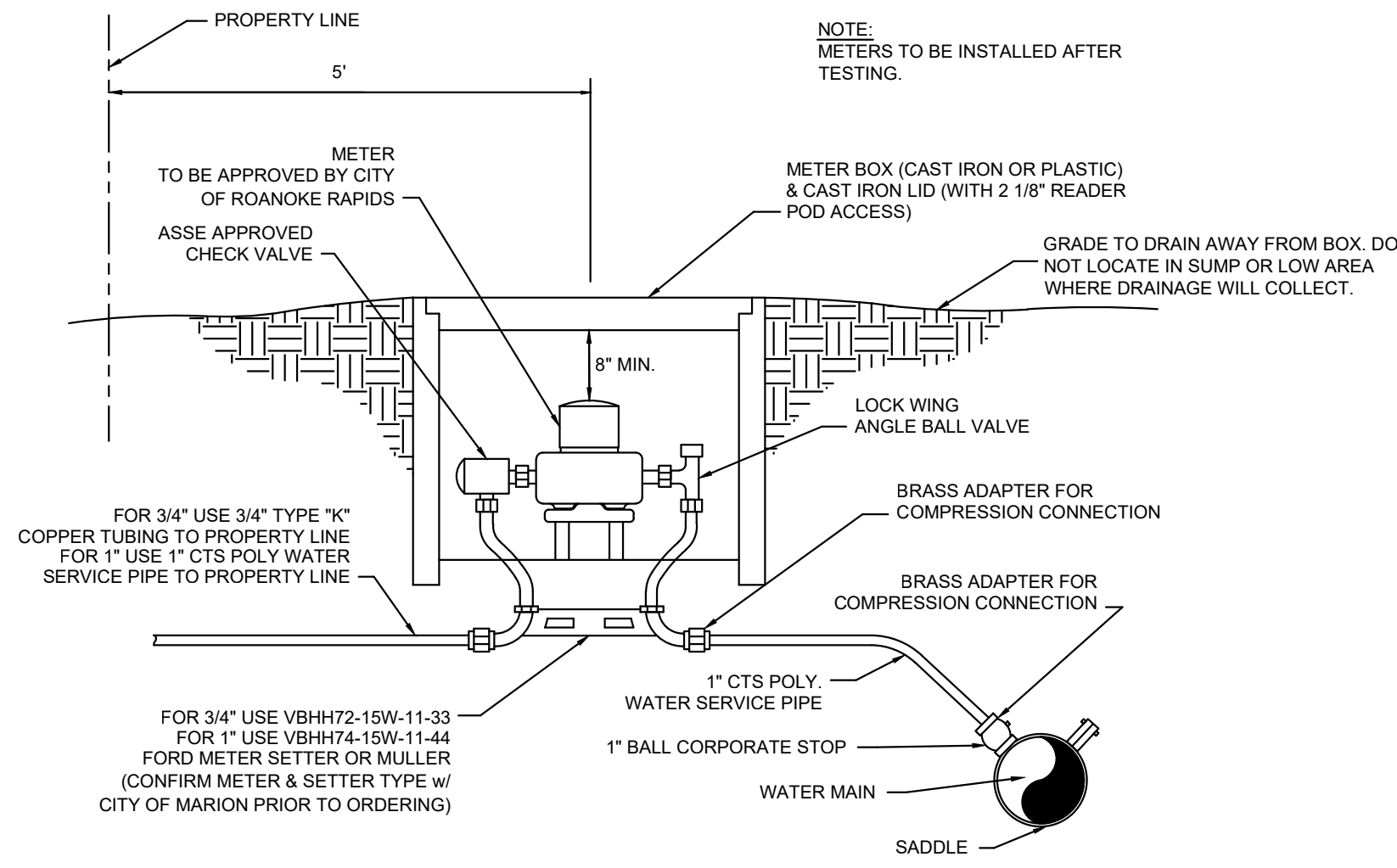
- A = METER BOX, STANDARD FLARED-BOTTOM PLASTIC (18"Ø) W/CAST IRON LID, DFW D1200 OR APPROVED EQUAL, CAST IRON BOX AND LID FOR TRAFFIC AREAS/LID TO BE PRE-DRILLED (2" DIA) FOR PRO-READ INSTALLATION
- B = FORD METER STOPS or APPROVED EQUAL

METER	METER STOP
3/4" X 5/8"	No. B94-323WG
1"	No. B94-344WG
- C = DUAL CHECK VALVE FORD HHS91-323 (3/4"), HHS91-334 (1"), OR APPROVED EQUAL
- D = NEPTUNE T10 DISC WATER METER WITH E-CODER JR-8001 PIT SET REGISTER IN GALLONS
- E = METER YOKE, FORD Y502 (5/8" X 3/4"), Y504 (1")

NOTE: 1 1/2" & 2" METER INSTALLATIONS SHALL USE A FORD 70 SERIES COPPERSETTER WITH BALL VALVE INLET & OUTLET (OR EQUAL)

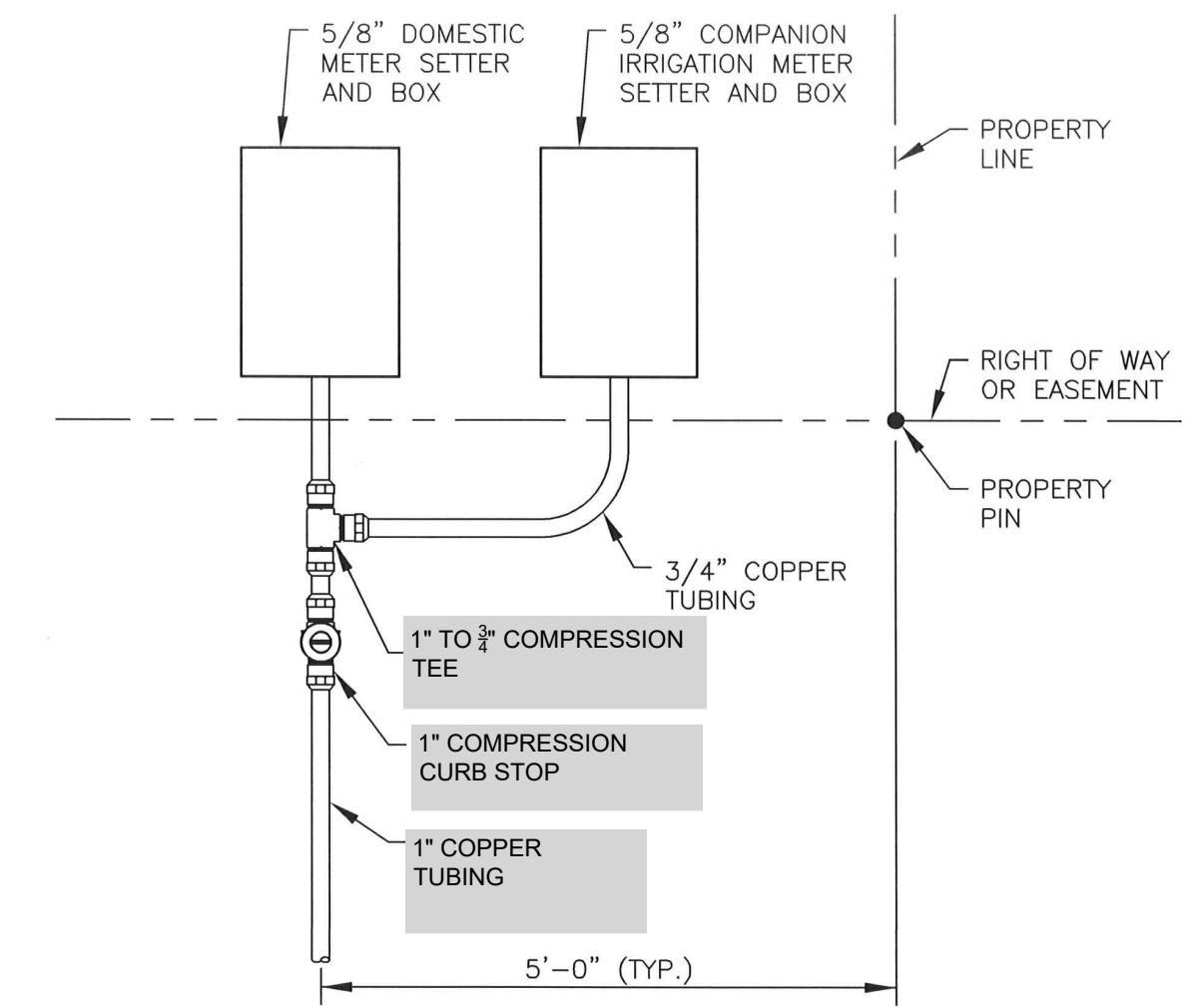
WATER METER INSTALLATION

NTS



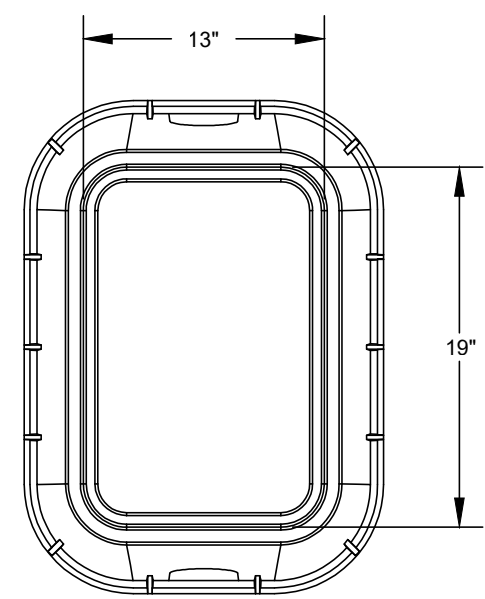
3/4" & 1" WATER SERVICE DETAIL

NOT TO SCALE

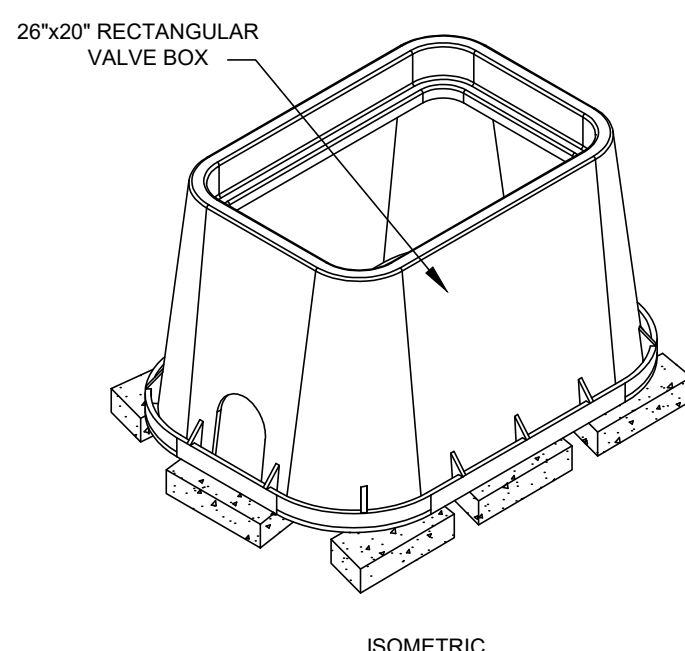


NOTE:
UNLESS OTHERWISE APPROVED, COMPANION METER SHALL BE INSTALLED CLOSER TO PROPERTY LINE AND DOMESTIC METER INSTALLED CLOSEST TO BUILDING.

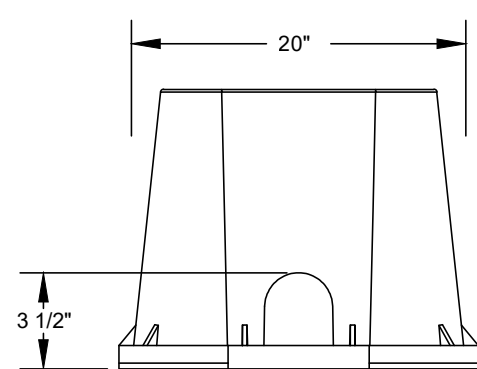
DATE: FEB. 2020	DOMESTIC AND IRRIGATION METER SETS	DWG. NO. MET-12
REVISION: MAY 2020		



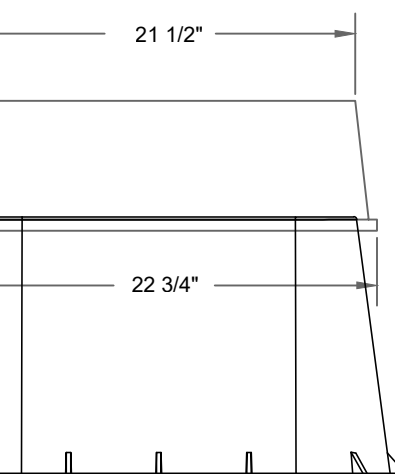
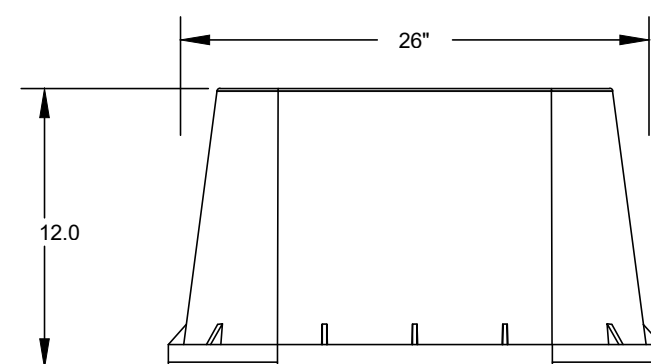
PLAN



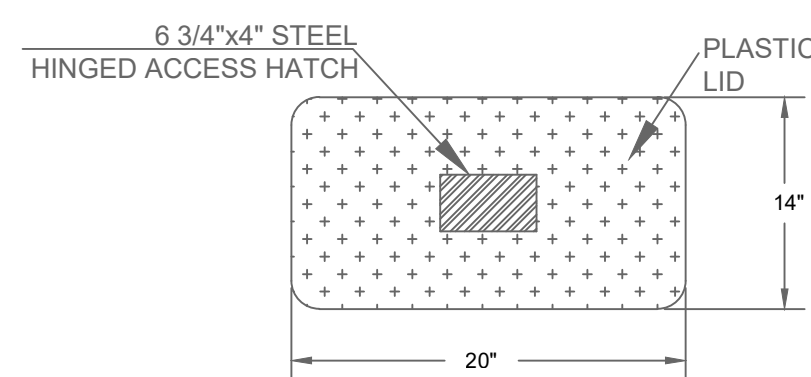
ISOMETRIC



ELEVATION A



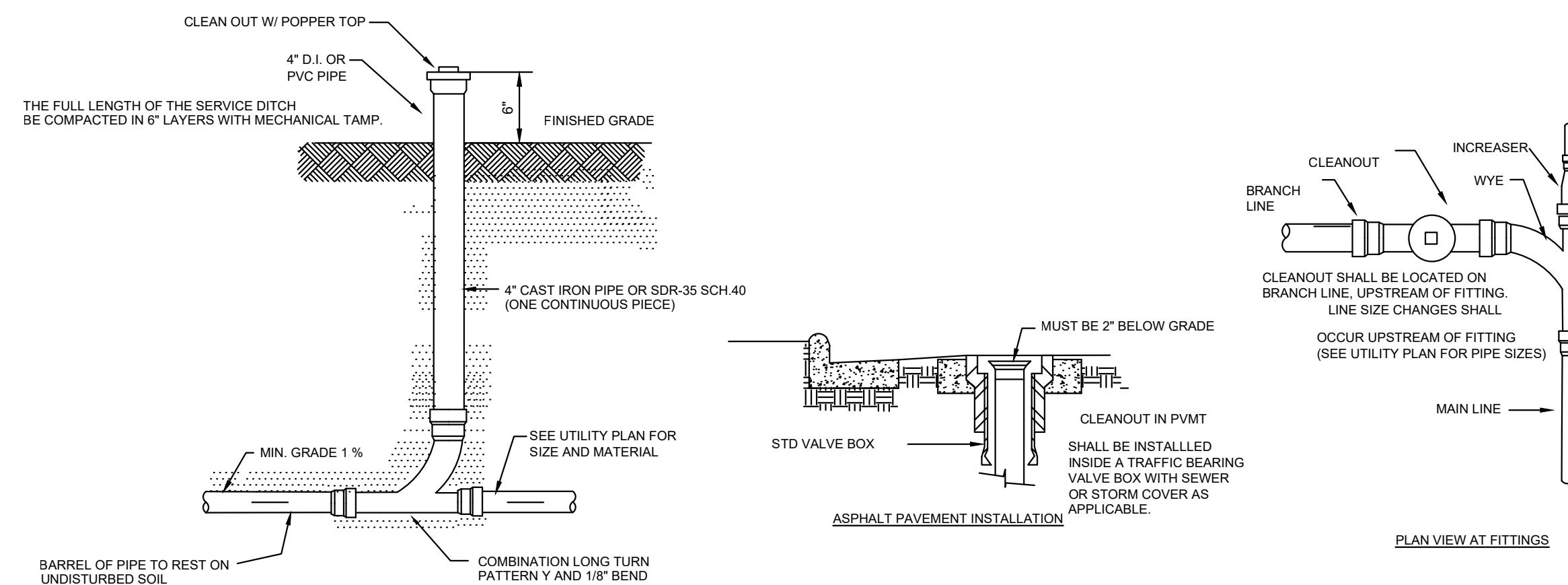
SHOWN WITH EXTENSION



TYPICAL METER BOX DETAIL FOR 1" SERVICE

NO SCALE

W 17



CLEANOUT DETAIL

NOT TO SCALE

NO.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

COPYRIGHT © 2017
SUMMIT DESIGN AND
ENGINEERING SERVICES
DRAWING ALTERNATION
IT IS A VIOLATION OF LAW FOR ANY PERSON
TO REPRODUCE, TRANSMIT, OR IN ANY MANNER
DISSEMINATE THIS DOCUMENT WITHOUT THE
WRITTEN PERMISSION OF SUMMIT DESIGN AND
ENGINEERING SERVICES.

PROJECT MANAGER
MWH/HAHNS/ARCHITECT
MWH/HAHNS/ARCHITECT

DRAWN BY
M/MITCHELL/MARTINS@SUMMITDE.COM

FIRST ISSUE DATE
10/29/2020



SUMMIT
DESIGN AND ENGINEERING SERVICES

State License #: P-4039
320 Executive Court
Hillsborough, NC 27778
Voice: (919) 752-3883 Fax: (919) 752-6676
www.summitde.com

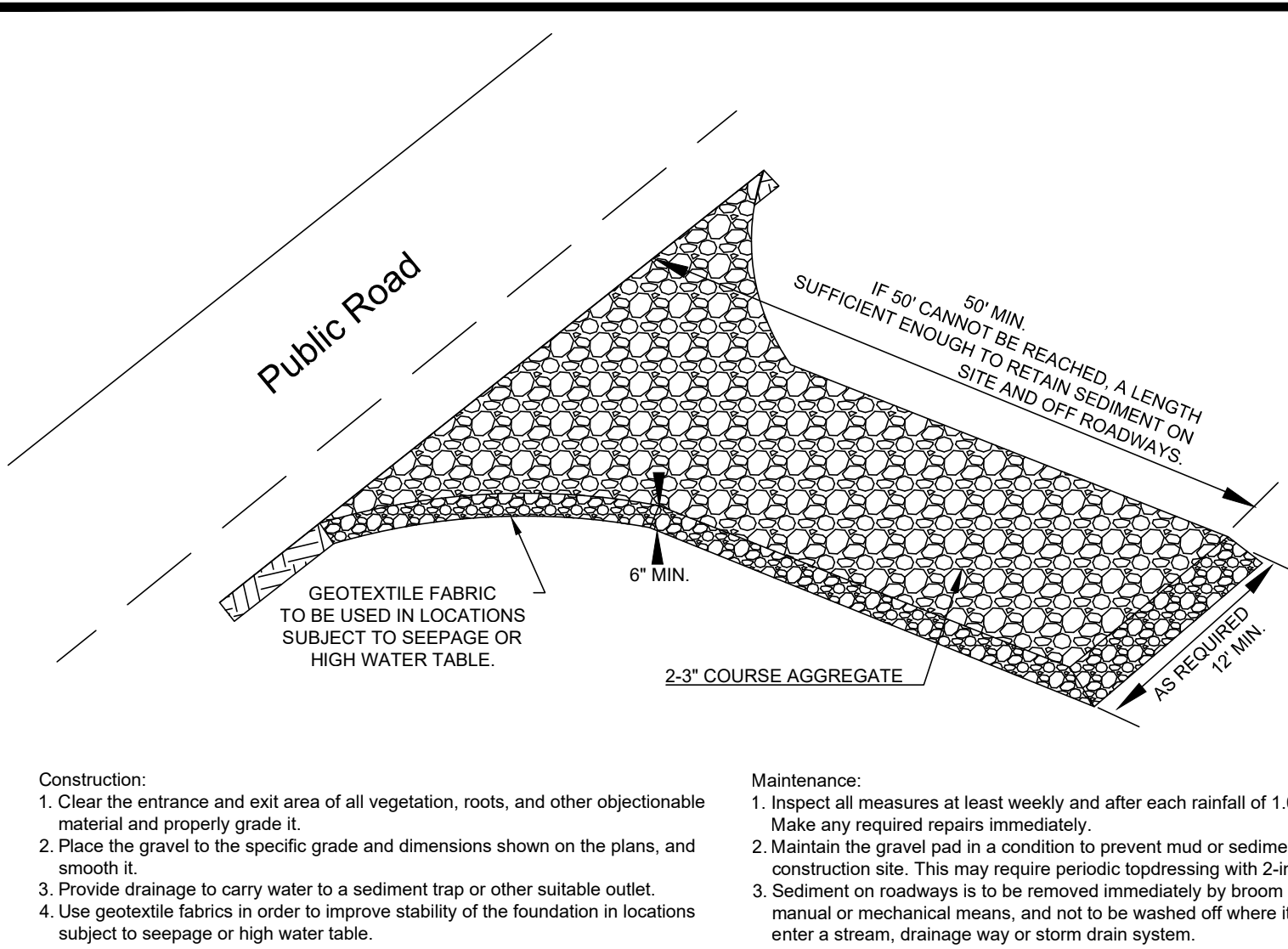
TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
LIVE OAK STREET
BEAUFORT, NC

WATER & SEWER DETAILS

PROJECT NO.
25-0099

DRAWING NAME:
25-0099_D

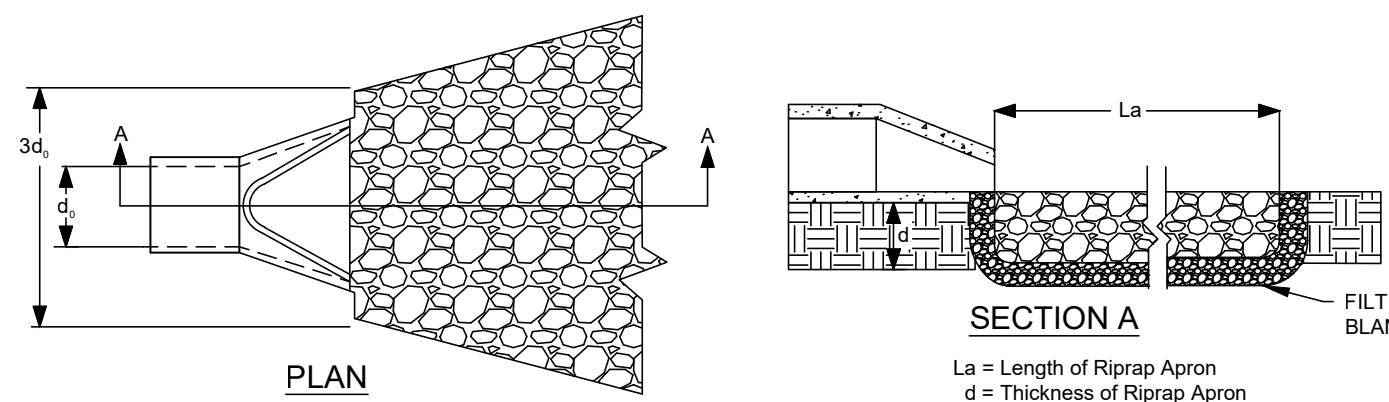
SHEET NO.
D-3



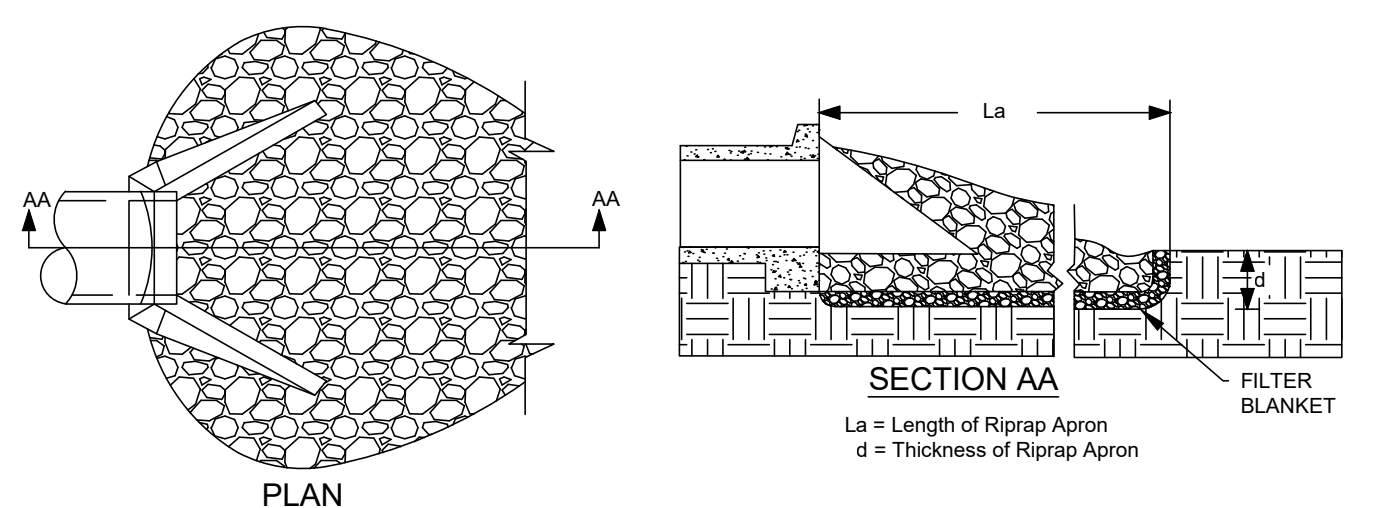
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

- Construction:**
1. Clear the entrance and exit area of all vegetation, roots, and other objectionable material and properly grade it.
 2. Place the gravel to the specific grade and dimensions shown on the plans, and smooth it.
 3. Provide drainage to carry water to a sediment trap or other suitable outlet.
 4. Use geotextile fabrics in order to improve stability of the foundation in locations subject to seepage or high water table.
- Maintenance:**
1. Inspect all measures at least weekly and after each rainfall of 1.0 inch or greater.
 2. Make any required repairs immediately.
 3. Maintain the gravel pad in a condition to prevent mud or sediment from leaving the construction site. This may require periodic topdressing with 2-inch stock.
 4. Sediment on roadways is to be removed immediately by broom and shovel, either by manual or mechanical means, and not to be washed off where it has the potential to enter a stream, drainage way or storm drain system.

PIPE OUTLET TO FLAT AREA NO WELL-DEFINED CHANNEL



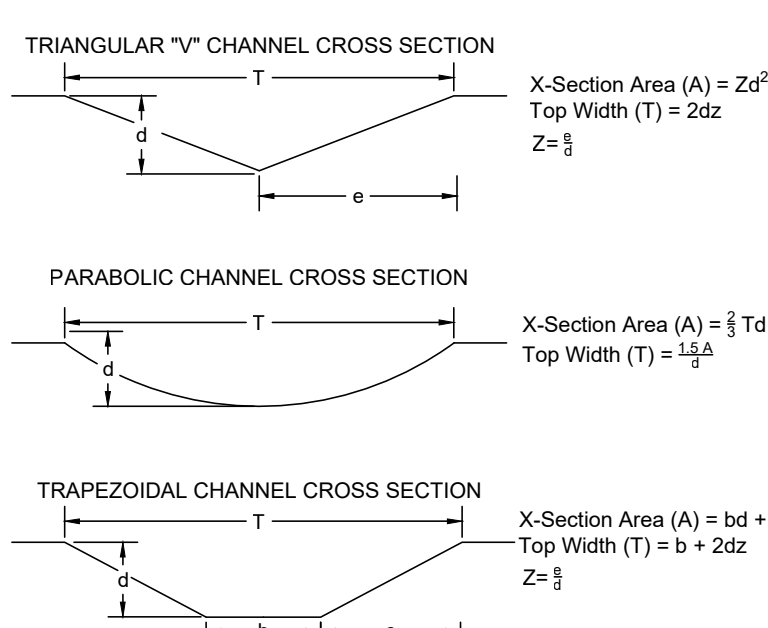
PIPE OUTLET TO WELL-DEFINED CHANNEL



OUTLET STABILIZATION STRUCTURE

- NOTES:**
1. Compact any fill required in the subgrade to the density of the surrounding undisturbed material. Low areas in the subgrade on undisturbed soil may also be filled by increasing the riprap thickness.
 2. The riprap and gravel filter must conform to the specified grading limits shown on the plans.
 3. Filter cloth, when used, must meet design requirements, and be properly protected from punching or tearing during installation. Repair any damage by removing the riprap and placing another piece over the damaged area. If the damage is extensive, replace the entire filter cloth.
 4. All connecting joints should overlap so the top layer is above the downstream layer a minimum of 1 foot.
 5. The minimum thickness of the riprap should be 1.5 times the maximum stone diameter but not less than 6". Riprap may be field stone or rough quarry stone. It should be hard, angular highly weather-resistant and well graded.
 6. Construct the apron on zero grade with no overflow at the end. Make the top of the riprap at the downstream end level with the receiving area or slightly below it.
 7. Ensure that the apron is properly aligned with the receiving stream and preferably straight throughout its length. If a curve is needed, place in the upper section of the apron.
- MAINTENANCE:**
1. Inspect outlet structures at least weekly and after each rainfall of 1.0 inch or greater.
 2. Check outlets for erosion around or below riprap and for stones have been dislodged. Make repairs immediately to prevent further damage.

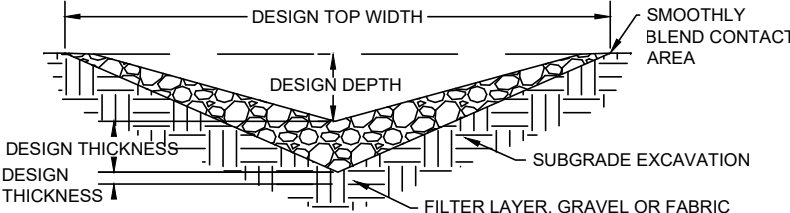
GRASS-LINED CHANNELS



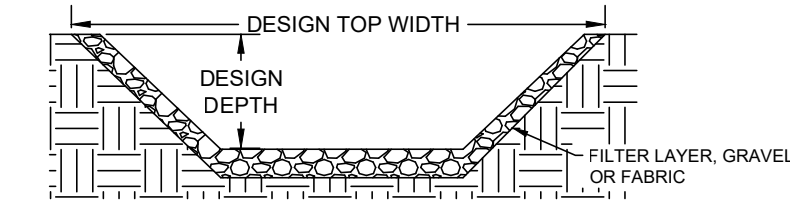
- NOTES:**
1. At a minimum, grass-lined channels should carry peak runoff from the 10-year storm without eroding. Increase the capacity according to the potential damage if flood hazard exists.
 2. If design velocity of the channel to be vegetated by seeding exceeds 2 feet per second, a temporary channel liner is required.
 3. Channel side slopes should be 3:1 or flatter to aid in the establishment of vegetation and for maintenance. V-shaped channels along roadways should have side slopes of 6:1 or flatter for safety.
 4. Remove all trees, brush, stumps, and other objectionable material from the foundation area, and dispose of properly.
 5. Excavate the channel, and shape it to neat lines and dimensions shown on the plans plus a 0.2 foot overcut around the channel perimeter to allow for bulking during seedbed preparations and soil bulking.
 6. Remove and properly dispose of all excess soil so that the surface water may enter the channel freely.
 7. The procedure used to establish grass in the channel will depend upon the severity of the conditions and selection of species. Protect the channel with mulch or a temporary liner sufficient to withstand anticipated velocities during the establishment period.
- Maintenance:**
1. During the establishment period, check grass-lined channels after every rainfall.
 2. After grass is established, periodically check the channel. Check after heavy rainfall events and immediately make any necessary repairs.
 3. Check the channel outlet and all road crossings for bank stability and evidence of piping or scour holes.
 4. Remove all significant accumulations to maintain the designed carrying capacity.
 5. Keep grass in a healthy, vigorous condition at all times.

Material	Minimum Thickness
Concrete	4 inches
Rock Riprap	1.5 times maximum stone diameter
Flagstone	4 inches including mortar

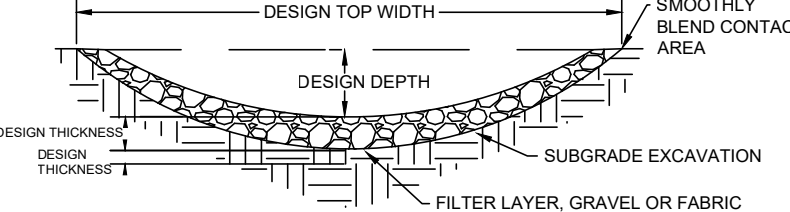
V-SHAPED RIPRAP CHANNEL



TRAPEZOIDAL RIPRAP CHANNEL

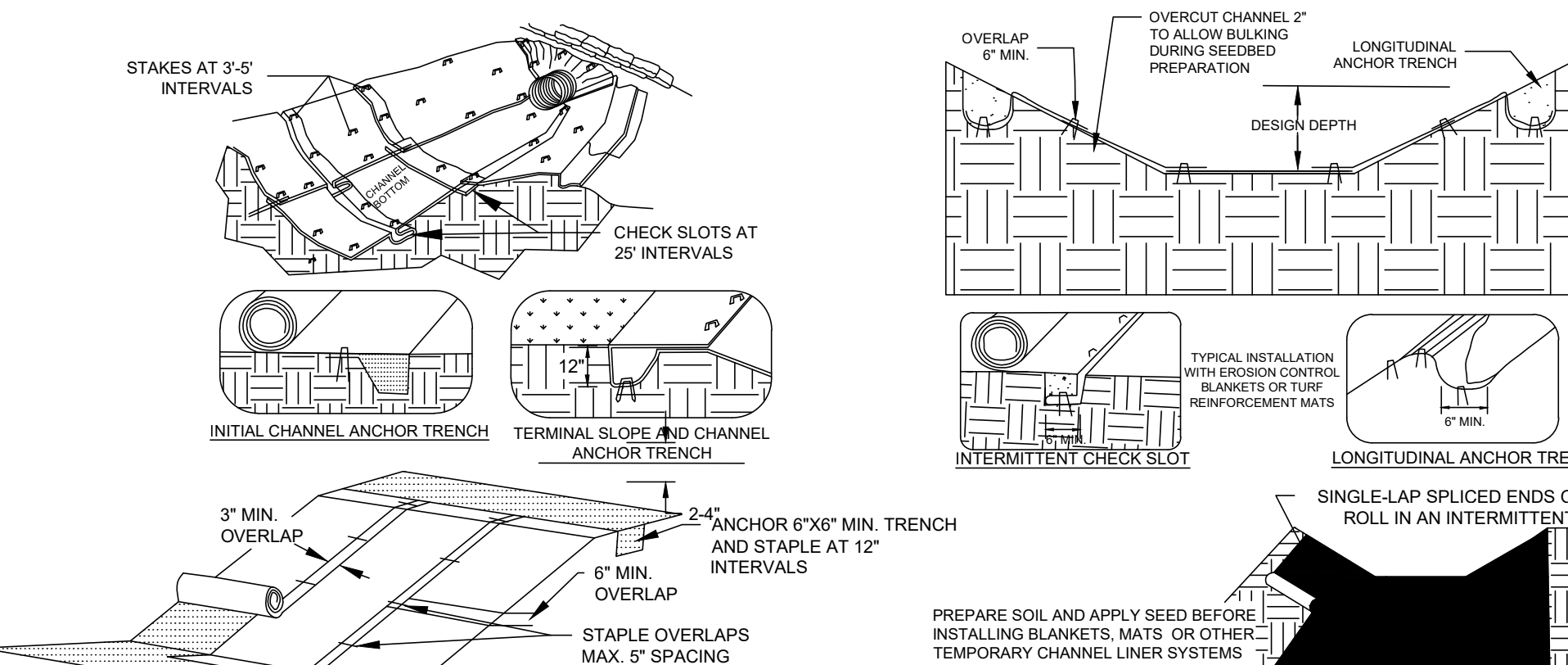


PARABOLIC-SHAPED RIPRAP CHANNEL



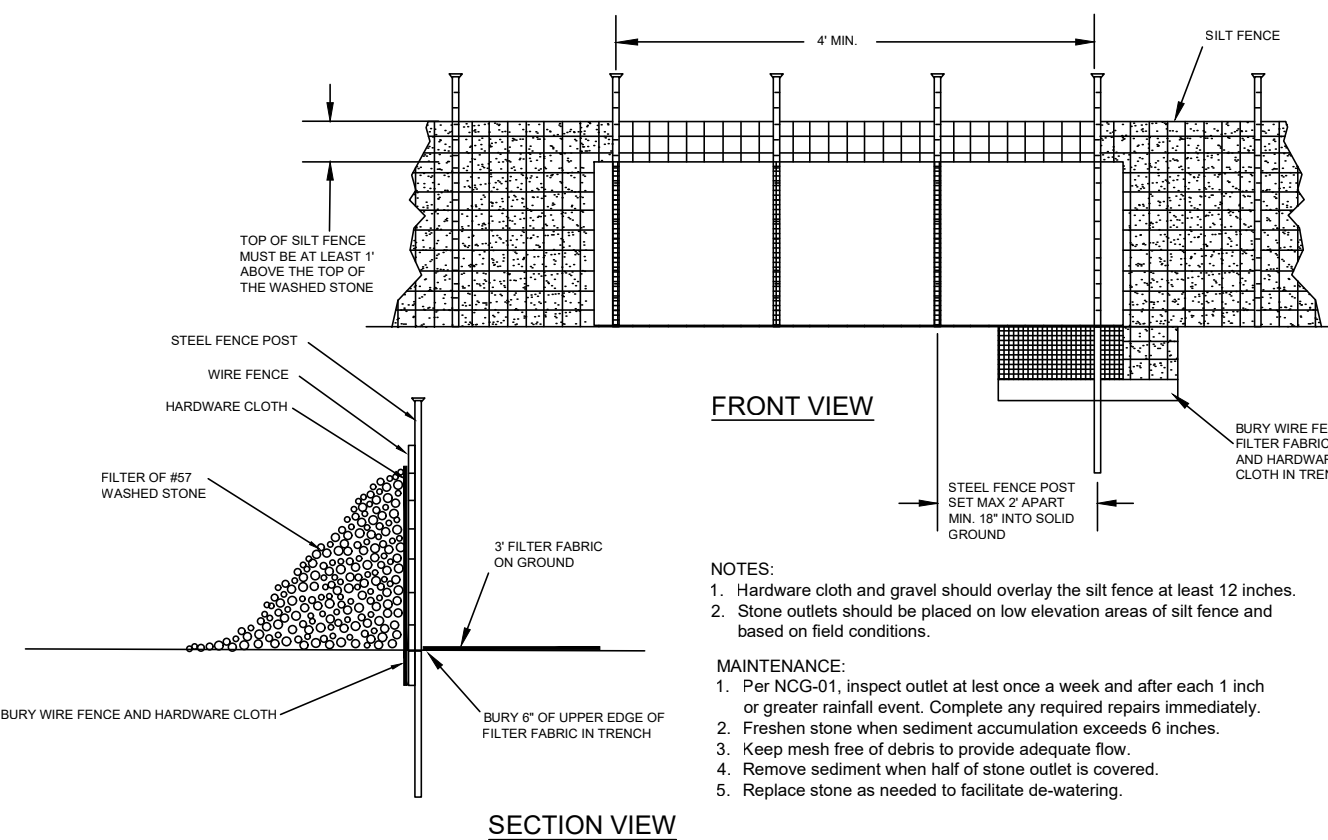
- NOTES:**
1. Clear the foundation area of trees, stumps, roots, loose rock, and other objectionable material.
 2. Excavate the cross section to the lines and grades of the foundation of the liner as shown on the plans. Bring over-excavated areas to grade by increasing the thickness of the liner or by backfilling with moist soil compacted to the density of the surrounding material.
 3. Concrete linings:
 - Place concrete linings to the thickness shown on the plans and finish them in a workmanlike manner.
 - Take adequate precautions to protect freshly placed concrete from extreme temperatures to ensure proper curing.
 - Ensure that subgrade is moist when concrete is poured.
 - Install foundation drains or weep holes where needed to protect against uplift and piping.
 - Provide transverse/contraction joints to control cracking at approximately 20-foot intervals.
 - Install expansion joints at intervals not to exceed 100 feet.
 4. Rock riprap linings should be installed per the standards and specifications outlined on following sheets.
 5. Place filters, bedding's, and foundation drains to line and grade in the manner specified. Place filter and bedding materials immediately after slope preparation.
 6. For synthetic filter fabrics, overlap the downstream edge by at least 12 inches with the upstream edge which is buried a minimum 12 inches in a trench. Space anchor pins every 3 feet along the overlap.
 7. Spread granular materials in a uniform layer. When more than one gradation is required, spread the layers so there is minimal mixing.
 8. Filter material should consist of a least 3 inches of material on all sides of the drain pipe. The drain pipe conduit should be a minimum of 4 inches in diameter.
 9. Perform all channel construction to keep erosion and water pollution to a minimum. Immediately vegetate all disturbed areas or otherwise protect them against soil erosion.
- MAINTENANCE:**
1. Inspect channels at least weekly and after each rainfall of 1.0 inch or greater and make repairs promptly. Give special attention to the outlet and inlet sections and other points where concentrated flow enters.
 2. Carefully check stability at road crossings, looking for indication of piping, scour holes, or bank failures. Make any repairs immediately.
 3. Maintain all vegetation adjacent to the channel in a healthy, vigorous condition.

RIPRAP AND PAVED CHANNELS



- NOTES:**
1. Lime, fertilize and seed before installation. Planting of shrubs, trees, etc. should occur after installation.
 2. Slope surface shall be smooth before placement for proper soil contact.
 3. Design velocities exceeding 2 feet/second require temporary blankets, mats or similar liners to protect seed and soil until vegetation becomes established.
 4. Terminal anchor trenches are required at RECP ends and intermittent check slots must be constructed across channels at 25 foot intervals.
 5. Terminal anchor trenches should be a minimum of 12 inches in depth and 6 inches in width. Intermittent check slots should be 6 inches deep and 6 inches wide.
 6. For installation on a slope, place RECP 2-3 feet over the top of the slope and into an excavated end trench measuring approximately 12 inches deep by 6 inches wide. Pin the RECP at 1 foot intervals along the bottom of the trench, backfill and compact. Unroll the RECP down the slope maintaining direct contact between the soil and RECP. Secure the RECP using staples or pins in a 3 foot center-to-center pattern.
 7. 11 gauge, at least 6 inch by 1 inch staples or 12 inch minimum length wooden stakes are recommended for anchoring.
 8. Grass-lined channels with design velocities exceeding 6 feet/second should include turf reinforcement mats.
 9. Check slots to be constructed per manufacturers specifications.
 10. Staking or stapping layout per manufacturers specification.
 11. If there is a berm at the top of slope, anchor up-slope of the berm.
 12. Do not stretch blankets/mattings tight, allow the rolls to conform to any irregularities.
 13. For slopes less than 3H:1V, rolls may be placed in horizontal strips.

ROLLED EROSION CONTROL PRODUCTS



SILT FENCE OUTLET

- NOTES:**
1. Hardware cloth and gravel should overlay the silt fence at least 12 inches.
 2. Stone outlets should be placed on low elevation areas of silt fence and based on field conditions.
- MAINTENANCE:**
1. Per NCDOT, inspect outlet at least once a week and after each 1 inch or greater rainfall event. Complete any needed repairs immediately.
 2. Freshen stone when sediment accumulation exceeds 6 inches.
 3. Keep mesh free of debris to provide adequate flow.
 4. Remove sediment when half of stone outlet is covered.
 5. Replace stone as needed to facilitate de-watering.

TEMPORARY SEEDING RECOMMENDATIONS FOR LATE WINTER AND EARLY SPRING

Seeding Mixture Species	Rate (lb/acre)
Rye (grain)	120
Annual lespedeza (Kobe in Piedmont and Coastal Plain, Korean in Mountains)	50

Omit annual lespedeza when duration of temporary cover is not to extend beyond June.

Seeding Dates
 Mountains—Above 2500 feet: Feb. 15 - May 15
 Below 2500 feet: Feb. 1 - May 1
 Piedmont—Jan. 1 - May 1
 Coastal Plain—Dec. 1 - Apr. 15

Apply 4,000 lb/acre straw. Anchor straw by tacking with asphalt, netting or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch anchoring tool.

Maintenance:
 Refertilize if growth is not fully adequate. Reseed, refertilize and mulch immediately following erosion or other damage.

TEMPORARY SEEDING RECOMMENDATIONS FOR SUMMER

Seeding Mixture Species	Rate (lb/acre)
German millet	40

In the Piedmont and Mountains, a small-stemmed Sudangrass may be substituted at a rate of 50 lb/acre.

Seeding Dates
 Mountains— May 15 - Aug. 15
 Piedmont— May 1 - Aug. 15
 Coastal Plain— Apr. 15 - Aug. 15

Mulch:
 Apply 4,000 lb/acre straw. Anchor straw by tacking with asphalt, netting, or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch anchoring tool.

Maintenance:
 Refertilize if growth is not fully adequate. Reseed, refertilize and mulch immediately following erosion or other damage.

TEMPORARY SEEDING RECOMMENDATIONS FOR FALL

Seeding Mixture Species	Rate (lb/acre)
Rye (grain)	120

Seeding Dates
 Mountains— Aug. 15 - Dec. 15
 Coastal Plain and Piedmont— Aug. 15 - Dec. 31

Mulch:
 Apply 4,000 lb/acre straw. Anchor straw by tacking with asphalt, netting, or a mulch anchoring tool. A disk with blades set nearly straight can be used as a mulch anchoring tool.

Maintenance:
 Repair and refertilize damaged areas immediately. Topdress with 50 lb/acre of nitrogen in March. If it is necessary to extend temporary cover beyond June 15, overseed with 50 lb/acre Kobe (Piedmont and Coastal Plain) or Korean (Mountains) lespedeza in late February or early March.

LIMING: Apply lime according to soil test recommendations. If the pH (acidity) of the soil is not known, an application of ground agricultural limestone at the rate of 1-1 1/2 tons/acre on coarse-textured soils and 2-3 tons/acre on fine-textured soils is usually sufficient. Apply limestone uniformly and incorporate into the top 4-6 inches of soil. Soils with a pH of 6 or higher need not be limed.

FERTILIZER: Base application rates on soil tests. When these are not possible, apply a 10-10-10 grade fertilizer at 700 - 1,000 lb/acre. Both fertilizer and lime should be incorporated into the top 4-6 inches of soil. If a hydraulic seeder is used, do not mix seed and fertilizer more than 30 minutes before application.

SURFACE ROUGHENING: If recent tillage operations have resulted in a loose surface additional roughening may not be required, except to break up large clods. If rainfall causes the surface to become sealed or crusted, loosen it just prior to seeding by raking, harrowing, or other suitable methods for fine grading. The finished grade shall be a smooth even soil surface with a loose uniform fine texture. All ridges and depressions shall be removed and filled to provide the approved surface drainage. Planting is to be done immediately after finished grades are obtained and seedbed preparation is completed.

TEMPORARY SEEDING

NON-INVASIVE PERMANENT SEEDING RECOMMENDATIONS FOR LATE WINTER AND EARLY SPRING

Seeding Mixture Species	Rate
Centipede	5 lbs/acre
Indian Woodoats	1.5-2.5 lbs/acre*
Virginia Wild Rye	4-6 lbs/acre

*Depending upon mix with other species. See table 6.11.d from Chapter 6 of the NC Erosion and Sediment Control Planning and Design Manual.

Seeding Dates
 Coastal or Eastern Piedmont for Centipede- Sept. 1 - May 1
 Coastal and Piedmont for Indian Woodoats and Virginia Wild Rye- Feb 15 - April 1
 Mountains for Indian Woodoats and Virginia Wild Rye- March 1 - May 15

Maintenance:
 Significant maintenance may be required to obtain desired cover.

NON-INVASIVE PERMANENT SEEDING RECOMMENDATIONS FOR SUMMER

Seeding Mixture Species	Rate
Indian Woodoats	1.5-2.5 lbs/acre*
Virginia Wild Rye	4-6 lbs/acre*

*Depending upon mix with other species. See table 6.11.d from Chapter 6 of the NC Erosion and Sediment Control Planning and Design Manual.

Seeding Dates
 Mountains - July 15- Aug 15
 Piedmont - Aug 15 - Oct 15

Maintenance:
 Indian Woodoats and Virginia Wild Rye are both sun and shade tolerant.

NON-INVASIVE PERMANENT SEEDING RECOMMENDATIONS FOR FALL

Seeding Mixture Species	Rate
Hard Fescue	15 lbs/acre
Switchgrass	2.5-3.5 lbs/acre*
Indian Grass	5-7 lbs/acre*
Big Bluestem	5-7 lbs/acre*
Indian Woodoats	1.5-2.5 lbs/acre*
Virginia Wild Rye	4-6 lbs/acre*

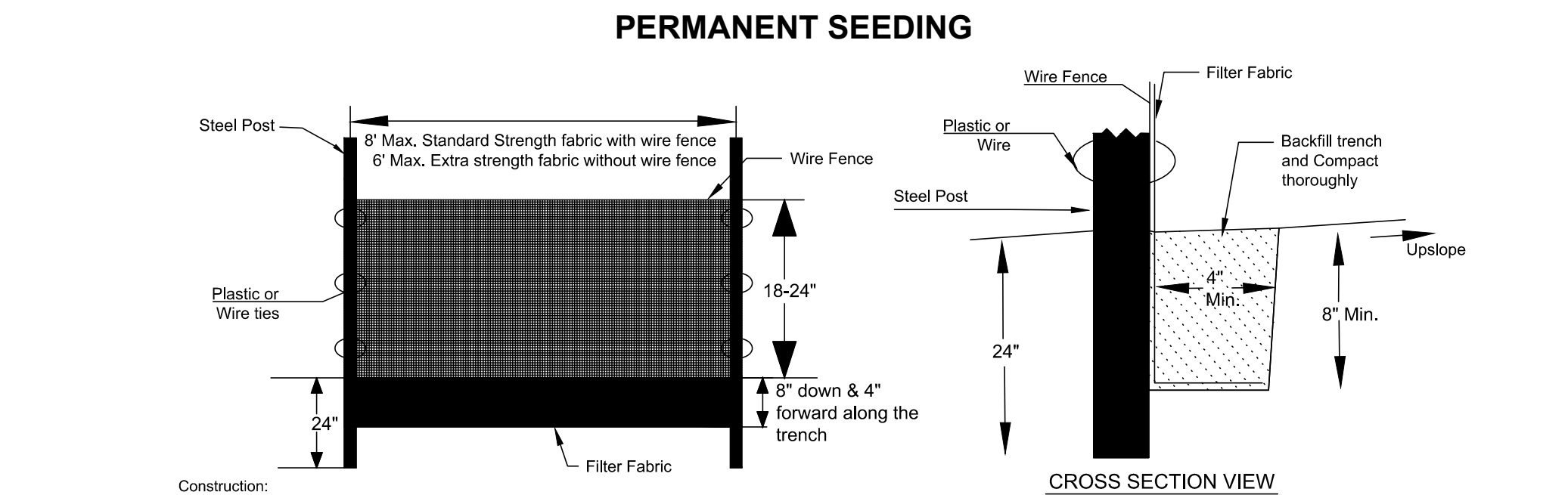
*Depending upon mix with other species. See table 6.11.d from Chapter 6 of the NC Erosion and Sediment Control Planning and Design Manual.

Seeding Dates
 Mountains - Hard Fescue- Aug 1 - June 1
 Mountains- Switchgrass, Indian Grass, Big Bluestem- Dec 1 - April 15
 Piedmont and Coastal- Switchgrass, Indian Grass, Big Bluestem- Dec 1 - April 1
 Coastal- Indian Woodoats and Virginia Wild Rye- Sept 1 - Nov 1

Maintenance:
 Hard Fescue is not recommended for slopes > 5%. Prefers shade.

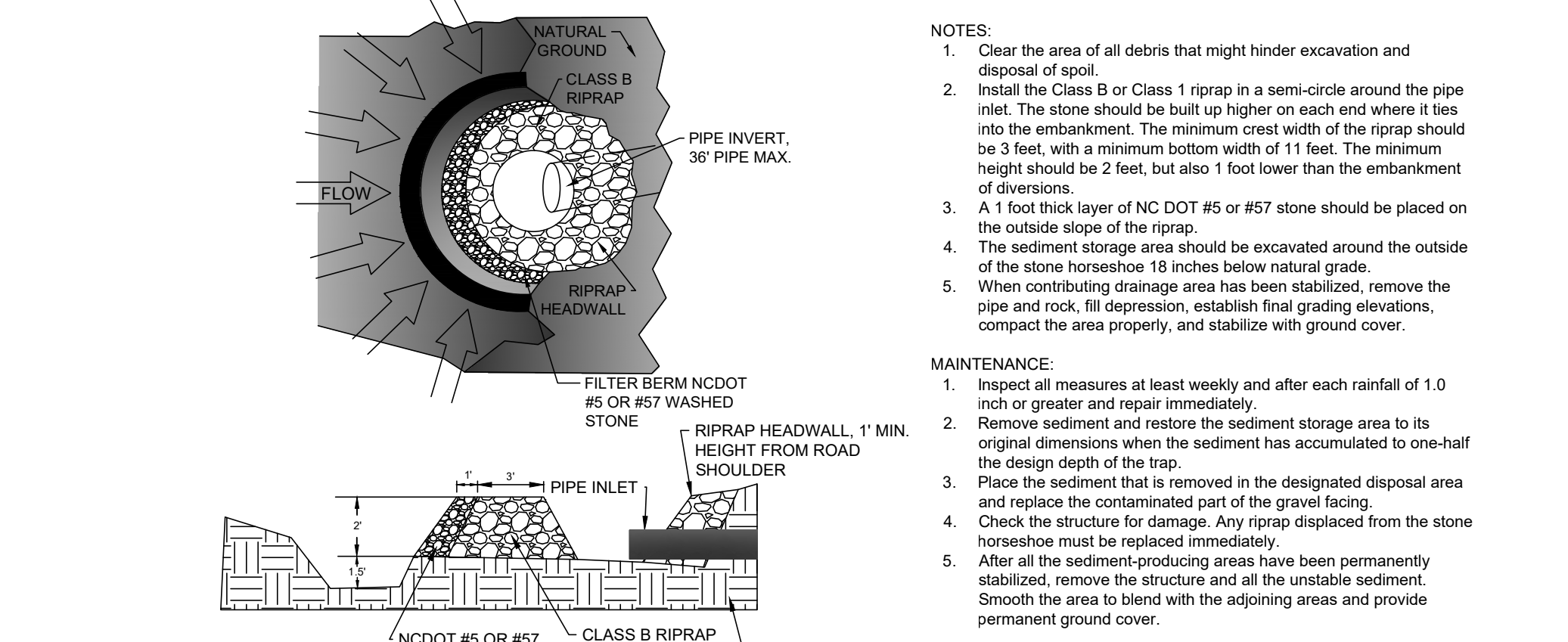
PERMANENT SEEDING

- LIMING:** Apply lime according to soil test recommendations. If the pH (acidity) of the soil is not known, an application of ground agricultural limestone at the rate of 1 to 1 1/2 tons/acre on coarse/textured soils and 2-3 tons/acre on fine-textured soils is usually sufficient. Apply limestone uniformly and incorporate into the top 4-6 inches of soil. Soils with a pH of 6 or higher need not be limed.
- FERTILIZER:** Base application rates on soil tests. When these are not possible, apply a 10-10-10 grade fertilizer at 700-1,000 lb/acre. Both fertilizer and lime should be incorporated into the top 4-6 inches of soil. If a hydraulic seeder is used, do not mix seed and fertilizer more than 30 minutes before application.
- SURFACE ROUGHENING:** If recent tillage operations have resulted in a loose surface additional roughening may not be required, except to break up large clods. If rainfall causes the surface to become sealed or crusted, loosen it just prior to seeding by raking, harrowing, or other suitable methods for fine grading. The finished grade shall be a smooth even soil surface with a loose uniform fine texture. All ridges and depressions shall be removed and filled to provide the approved surface drainage. Planting is to be done immediately after finished grades are obtained and seedbed preparation is completed.
- NOTES:**
1. Permanent seeding, sodding or other means of stabilization are required when all construction work is completed according to the NPDES timeframe table.
 2. A North Carolina Department of Agriculture soils test (or equal) is highly recommended for all areas to be seeded or sodded or planted.
 3. Use a seeding mix that will produce fastgrowing nurse crops and includes non-invasive species that will eventually provide a permanent groundcover. Soil blankets may be used in lieu of nurse crops. Mat, tack or crimp mulch, as needed to stabilize seeded areas until root establishment. Mulch must cover at least 80% of the soil surface.
 4. Ground cover shall be maintained until permanent vegetation is established and stable against accelerated erosion.



- Construction:**
1. Construct the sediment barrier of standard strength or extra strength synthetic filter fabrics.
 2. Ensure that the height of the sediment fence does not exceed 24 inches above the ground. (Higher fences may impound volumes of water sufficient to cause failure of the structure).
 3. Construct the filter fabric from a continuous roll cut to the length of the barrier to avoid joints. When joints are necessary, securely fasten the filter cloth only at a support post with 4 feet minimum overlap to the next post.
 4. Support standard strength filter fabric by wire mesh fastened securely to the upslope side of the posts. Extend the wire mesh support to the bottom of the trench. Fasten the wire reinforcement, then fabric on the upslope side of the fence post. Wire or plastic zip ties should have a minimum 50 pound tensile strength.
 5. When a wire mesh support fence is used, space posts a maximum of 8 feet apart. Supports should be driven securely into the ground a minimum of 24 inches.
 6. Extra strength filter fabric with 6 foot post spacing does not require a wire mesh support fence. Securely fasten the filter fabric directly to posts. Wire or plastic zip ties should have a minimum of 50 pound tensile strength.
 7. Excavate the trench approximately 4 inches wide and 8 inches deep along the proposed line of the posts and upslope from the barrier.
 8. Place 12 inches of fabric along the bottom and side of the trench.
 9. Backfill the trench with soil placed over the filter fabric and compact. Thorough compaction of the backfill is critical to silt fence performance.
 10. Do not attach filter fabric to existing trees.
- Maintenance:**
1. Inspect sediment fences at least once a week and after each 1 inch or greater rainfall. Make any required repairs immediately.
 2. Should the fabric of a sediment fence collapse, tear, decompose, or become ineffective, replace it promptly.
 3. Remove sediment deposits as necessary to provide adequate storage volume for the next rain and reduce pressure on the fence. Take care to avoid undermining the fence during cleanouts.
 4. 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



- NOTES:**
1. Clear the area of all debris that might hinder excavation and disposal of spoil.
 2. Install the Class B or Class A riprap in a semi-circle around the pipe inlet. The stone should be built up higher on each end where it lies into the embankment. The minimum crest width of the riprap should be 3 feet, with a minimum bottom width of 11 feet. The minimum height should be 2 feet, but also 1 foot lower than the embankment of diversions.
 3. A 1 foot thick layer of NCDOT #57 or #57 stone should be placed on the outside slope of the riprap.
 4. The sediment storage area should be excavated around the outside of the stone horseshoe 18 inches below natural grade.
 5. When contributing drainage area has been stabilized, remove the pipe and rock. If depression, establish final grading elevations, compact the area properly, and stabilize with ground cover.
- MAINTENANCE:**
1. Inspect all measures at least weekly and after each rainfall of 1.0 inch or greater and repair immediately.
 2. Remove sediment and restore the sediment storage area to its original dimensions when the sediment has accumulated to one-half the design depth of the trap.
 3. Place the sediment that is removed in the designated disposal area and replace the contaminated part of the gravel facing.
 4. Check the structure for damage. Any riprap displaced from the stone horseshoe must be replaced immediately.
 5. After all the sediment-producing areas have been permanently stabilized, remove the structure and all the unstable sediment. Smooth the area to blend with the adjoining areas and provide permanent ground cover.

ROCK PIPE INLET PROTECTION

NO.	DATE	REVISIONS
7		
6		
5		
4		
3		
2		
1		

COPYRIGHT © 2017
 SUMMIT DESIGN AND ENGINEERING SERVICES
 DRAWING NUMBER: 25-0099
 DATE: 03/29/2025

PROJECT ENGINEER/ARCHITECT
 MWH/HAHNS@SUMMITDE.COM
 PROJECT MANAGER
 MWH/HAHNS@SUMMITDE.COM
 DRAWN BY
 MWH/MITCHELL@SUMMITDE.COM
 FIRST ISSUE DATE
 03/29/2025



SUMMIT
 DESIGN AND ENGINEERING SERVICES
 State License #: P-40339
 320 Executive Court
 Hillsborough, NC 27778
 Voice: (919) 752-3883 Fax: (919) 752-6676
 www.summitde.com

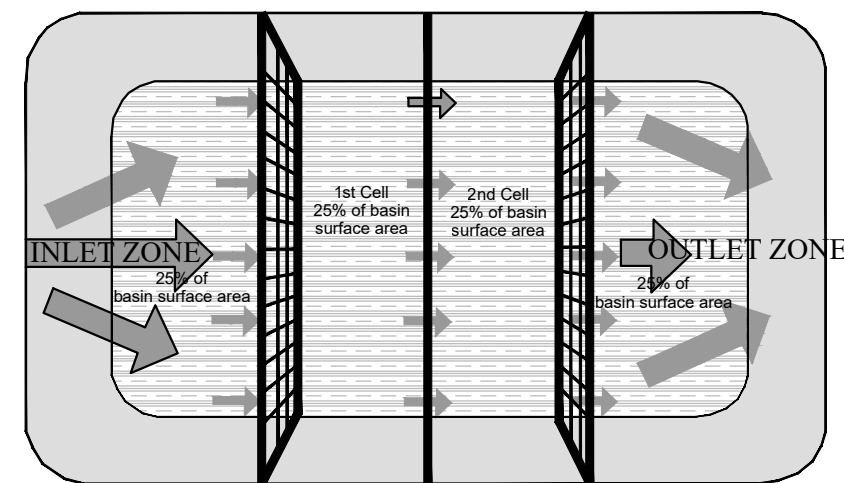
TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
 LIVE OAK STREET
 BEAUFORT, NC

PROJECT NO.
 25-0099

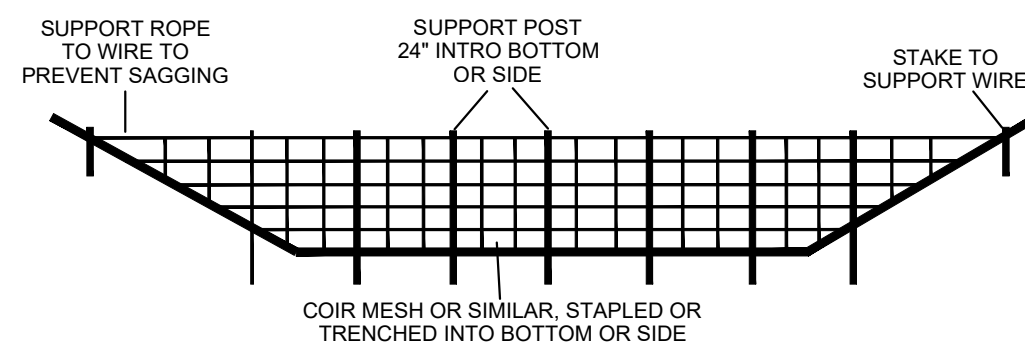
DRAWING NAME
 25-0099_D

SHEET NO.
 D-4

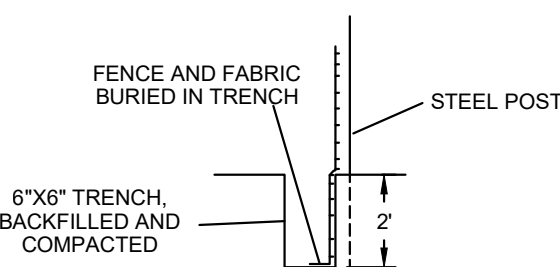
EROSION CONTROL DETAILS



PLAN VIEW



CROSS SECTION

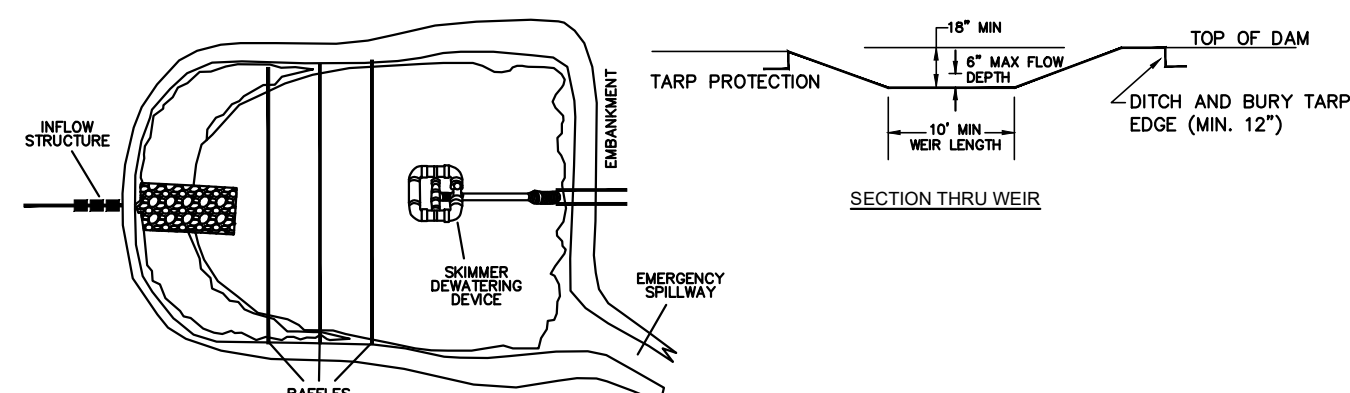


SECTION VIEW AT OPENING

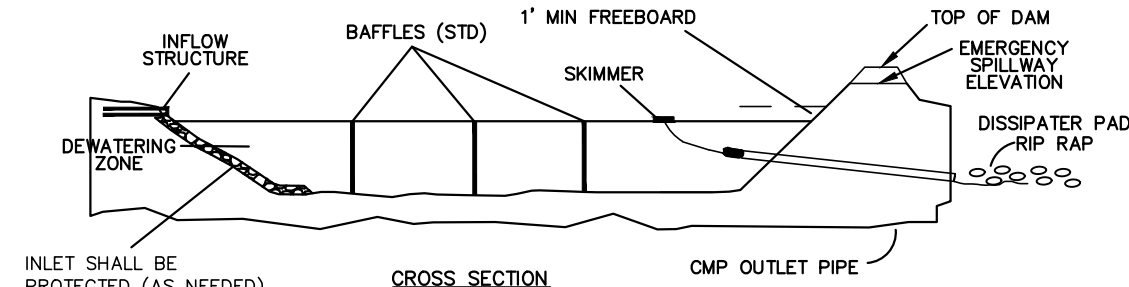
- NOTES:
1. BAFFLE MATERIAL SHOULD BE SECURED AT THE BOTTOM AND SIDES USING STAPLES OR BY TRENCHING AS FOR SILT FENCE.
 2. MOST OF THE SEDIMENT WILL ACCUMULATE IN THE 1ST BAY, WHICH SHOULD BE READILY ACCESSIBLE FOR MAINTENANCE.
 3. PROVIDE 3 BAFFLES (USE TWO IF LESS THAN 20 FEET IN LENGTH). PROVIDE 5 BAFFLES FOR DRAINAGE AREAS GREATER THAN 10 ACRES.
 4. BAFFLES SHALL BE 700 G/M2 COIR EROSION BLANKET. TOPS OF BAFFLES SHOULD BE 2 INCHES LOWER THAN THE TOP OF THE BERMS.
 5. INSPECT BAFFLES FOR REPAIR ONCE A WEEK AND AFTER EACH RAINFALL.

SKIMMER & SKIMMER BASIN MAINTENANCE

1. INSPECT SKIMMER SEDIMENT BASIN AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2" OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT AND RESTORE THE BASIN TO ITS ORIGINAL DIMENSIONS WHEN IT ACCUMULATES TO ONE-HALF THE HEIGHT OF THE FIRST BAFFLE. PULL THE SKIMMER TO ONE SIDE SO THAT THE SEDIMENT UNDERNEATH IT CAN BE EXCAVATED. EXCAVATE THE SEDIMENT FROM THE ENTIRE BASIN, NOT JUST AROUND THE SKIMMER OR THE FIRST CELL. MAKE SURE VEGETATION GROWING IN THE BOTTOM OF THE BASIN DOES NOT HOLD DOWN THE SKIMMER.
2. REPAIR THE BAFFLES IF THEY ARE DAMAGED. RE-ANCHOR THE BAFFLES IF WATER IS FLOWING UNDERNEATH OR AROUND THEM.
3. IF THE SKIMMER IS CLOGGED WITH TRASH AND THERE IS WATER IN THE BASIN, USUALLY JERKING ON THE ROPE WILL MAKE THE SKIMMER SOB UP AND DOWN AND DISLOOSE THE DEBRIS AND RESTORE FLOW. IF THIS DOES NOT WORK, PULL THE SKIMMER OVER TO THE SIDE OF THE BASIN AND REMOVE THE DEBRIS. ALSO CHECK THE ORIFICE INSIDE THE SKIMMER TO SEE IF IT IS CLOGGED. IF SO REMOVE THE DEBRIS.



PLAN VIEW



CROSS SECTION

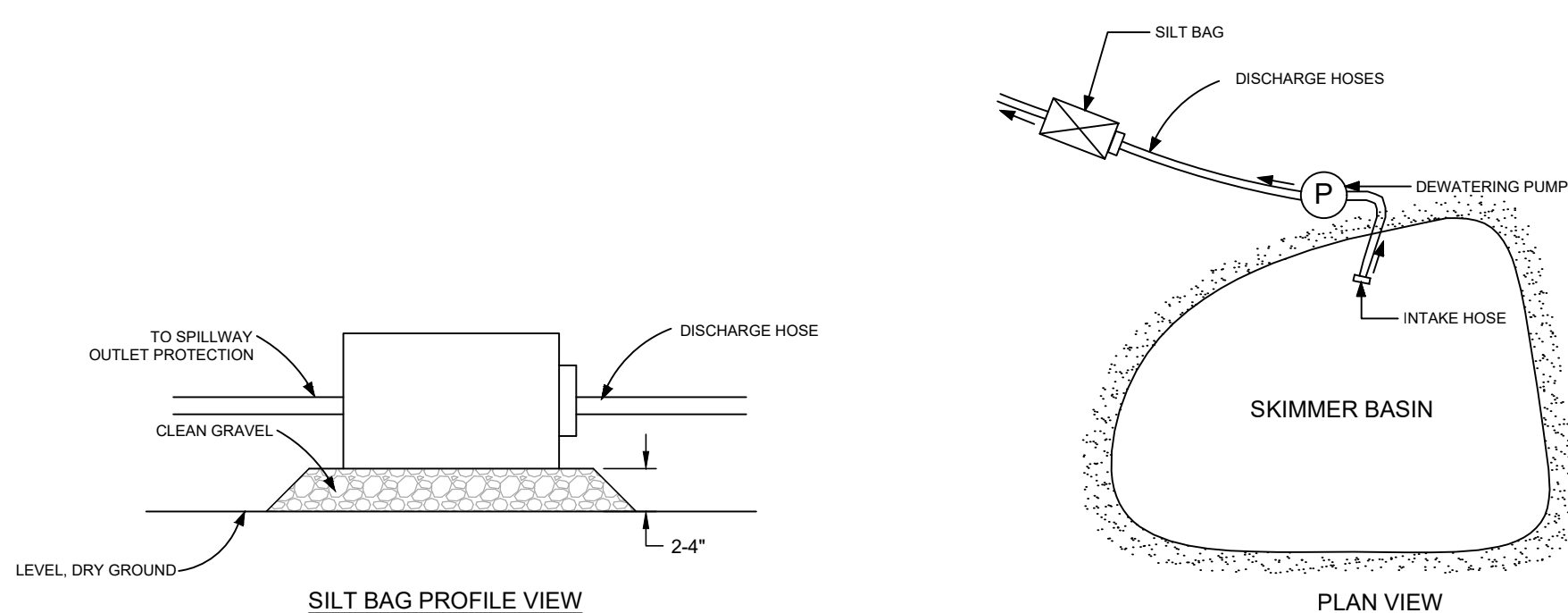
- NOTES:
1. BASIN SHOULD BE CLEANED OUT WHEN CAPACITY REACHES AN ELEVATION REPRESENTING THAT THE BASIN IS HALF-FULL.
 2. THE TARP USED TO PROTECT THE WEIR SHALL BE THE WIDTH SPECIFIED. THE LENGTH OF THE TARP SHALL BE ACCORDING TO AVAILABLE SUPPLY. IF MULTIPLE TARPS ARE TO BE USED, THEN TARPS SHALL BE OVERLAPPED AT LEAST 12". THE UPSTREAM 12" TARP SHALL OVERLAP THE DOWNSTREAM TARP. THE TARP SHALL BE 50 MIL. HEAVY DUTY SILVER TARP AULINS OR EQUIVALENT FOR UV RESISTANCE.
 3. PROVIDE A MINIMUM OF THREE POROUS BAFFLES TO EVENLY DISTRIBUTE FLOW ACROSS THE BASIN, REDUCING TURBULENCE.
 4. BAFFLE MATERIAL MUST BE SECURED AT THE BOTTOM AND SIDES USING STAPLES OR BY TRENCHING AS FOR A SILT FENCE.
 5. MOST OF THE SEDIMENT WILL ACCUMULATE IN THE FIRST BAY, SO THIS SHOULD BE READILY AVAILABLE FOR MAINTENANCE.
 6. DURING THE CONSTRUCTION PHASE OF THE PROJECT, PERMANENT STORMWATER RISER SHALL ONLY DEWATER FROM THE TOP OF PIPE.
 7. POND SHALL NOT BE CONVERTED FOR STORMWATER USE UNTIL APPROVED BY ENVIRONMENTAL ENGINEER.

SKIMMER & SKIMMER BASIN MAINTENANCE CONT'D

4. IF THE SKIMMER ARM OR BARREL PIPE IS CLOGGED, THE ORIFICE CAN BE REMOVED AND THE OBSTRUCTION CLEARED WITH A PLUMBER'S SNAKE OR BY FLUSHING WITH WATER. BE SURE AND REPLACE THE ORIFICE BEFORE REPOSITIONING THE SKIMMER.
5. CHECK THE FABRIC LINED SPILLWAY FOR DAMAGE AND MAKE ANY REQUIRED REPAIRS WITH FABRIC THAT SPANS THE FULL WIDTH OF THE SPILLWAY. CHECK THE EMBANKMENT, SPILLWAYS AND OUTLET FOR EROSION DAMAGE, AND INSPECT THE EMBANKMENT FOR PIPING AND SETTLEMENT. MAKE ALL NECESSARY REPAIRS IMMEDIATELY. REMOVE ALL TRASH AND OTHER DEBRIS FROM THE SKIMMER AND POOR AREAS.
6. FREEZING WEATHER CAN RESULT IN ICE FORMING IN THE BASIN. SOME SPECIAL PRECAUTIONS SHOULD BE TAKEN IN THE WINTER TO PREVENT THE SKIMMER FROM PLUGGING WITH ICE.

SKIMMER BASIN

NOT TO SCALE



NOTE: REMOVE GRAVEL AND SEED WHEN PUMP AROUND OPERATION IS COMPLETED.

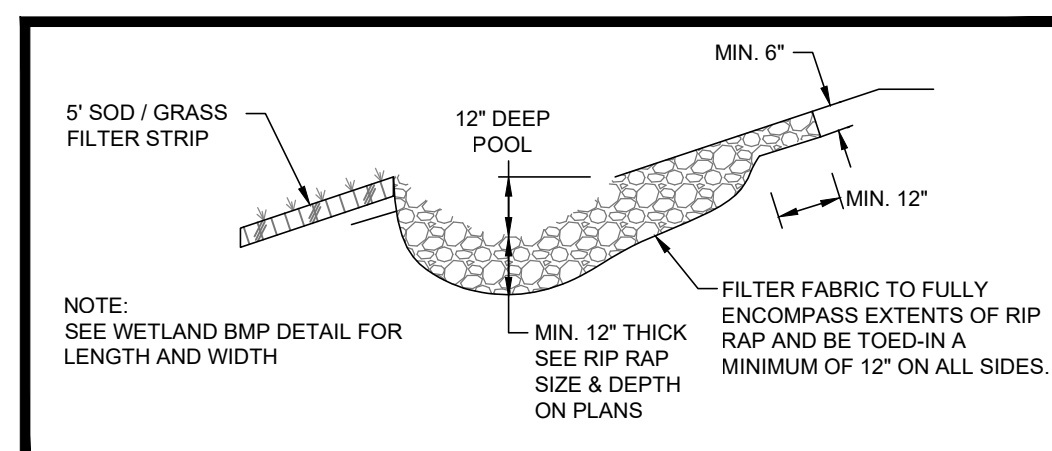
NOTE: ESTIMATED MINIMUM PUMP SIZE NEEDED FOR BASE FLOW IS 2" PUMP. CONTRACTOR IS RESPONSIBLE FOR SIZING PUMP AND MAINTAINING WORK "IN THE DRY".

SILT BAG MAINTENANCE

1. INSPECT INLET PIPE AND BAG FOR DAMAGE AND BLOCKAGE.
2. REPLACE BAG WHEN 3/4 FULL OF SEDIMENT.

SKIMMER BASIN DEWATERING

NOT TO SCALE



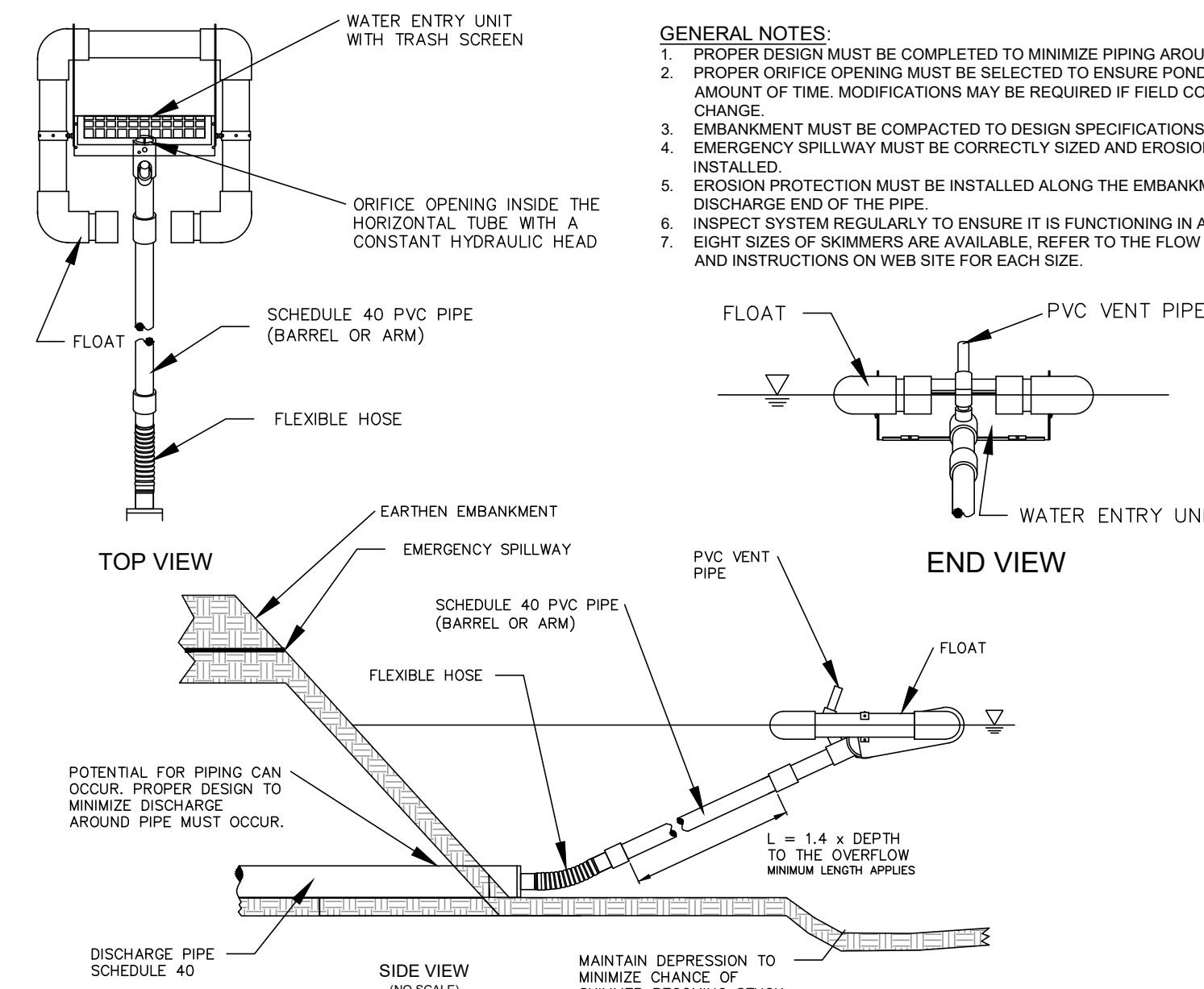
NOTE: SEE WETLAND BMP DETAIL FOR LENGTH AND WIDTH

RIP RAP PLUNGE POOL MAINTENANCE

1. INSPECT RIP RAP PLUNGE POOL WEEKLY AND AFTER SIGNIFICANT (1/2" OR GREATER) RAINFALL EVENTS TO SEE IF ANY EROSION AROUND OR BELOW THE RIP RAP HAS TAKEN PLACE. OR IF STONES HAVE BEEN DISLOADED. IMMEDIATELY MAKE ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE.

RIP RAP PLUNGE POOL

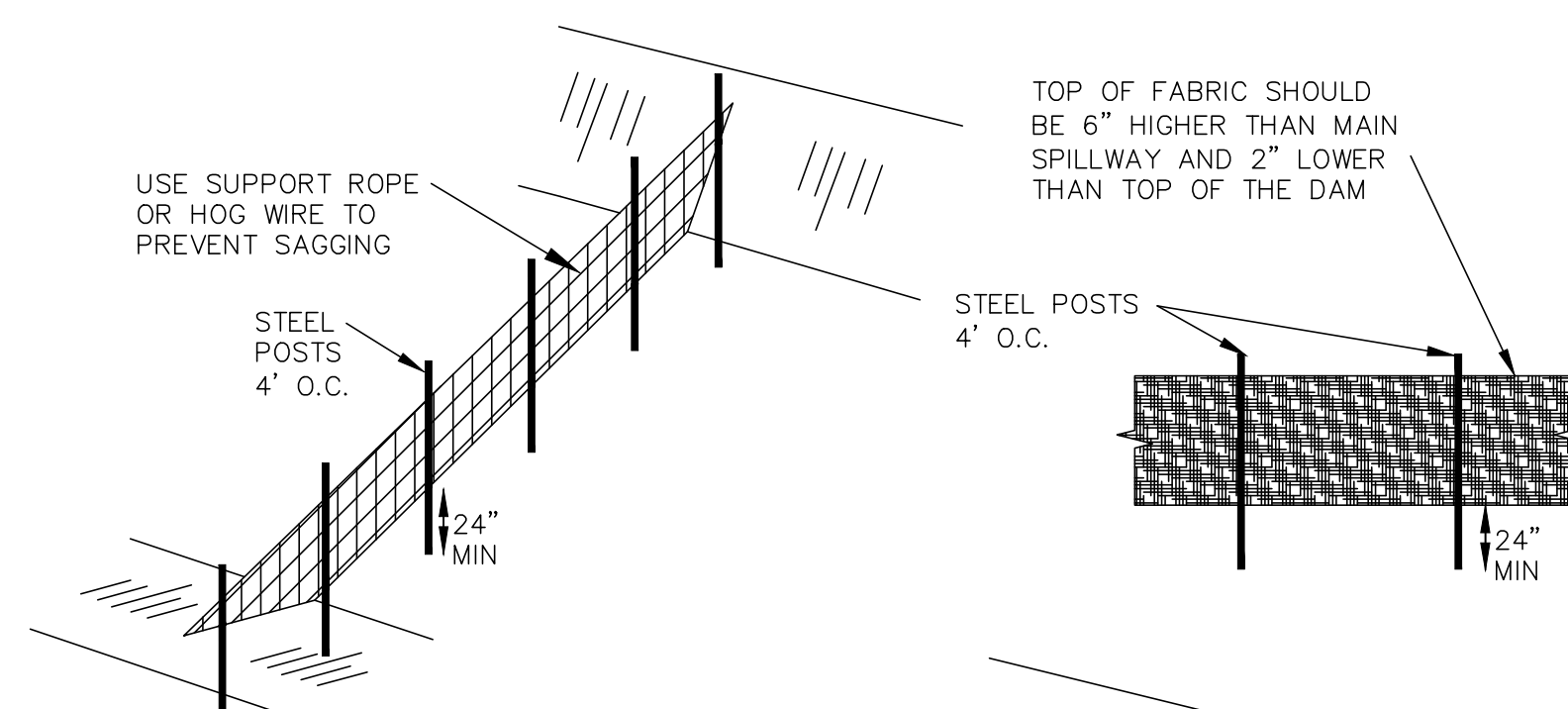
NOT TO SCALE



- GENERAL NOTES:
1. PROPER DESIGN MUST BE COMPLETED TO MINIMIZE PIPING AROUND DISCHARGE PIPE.
 2. PROPER ORIFICE OPENING MUST BE SELECTED TO ENSURE POND DRAINS IN CORRECT AMOUNT OF TIME. MODIFICATIONS MAY BE REQUIRED IF FIELD CONDITIONS WARRANT A CHANGE.
 3. EMBANKMENT MUST BE COMPACTED TO DESIGN SPECIFICATIONS.
 4. EMERGENCY SPILLWAY MUST BE CORRECTLY SIZED AND EROSION PROTECTION INSTALLED.
 5. EROSION PROTECTION MUST BE INSTALLED ALONG THE EMBANKMENT AND AT THE DISCHARGE END OF THE PIPE.
 6. INSPECT SYSTEM REGULARLY TO ENSURE IT IS FUNCTIONING IN A CORRECT MANNER.
 7. EIGHT SIZES OF SKIMMERS ARE AVAILABLE. REFER TO THE FLOW SHEET, CUT SHEET, AND INSTRUCTIONS ON WEB SITE FOR EACH SIZE.

SKIMMER

NOT TO SCALE



MATERIAL SIMILAR TO 700 G/M2 COIR EROSION BLANKET OR COIR MESH FOLDED OVER TO REDUCE PORE SIZE - MUST BE STAPLED OR TRENCHED

MATERIAL SHOULD BE EXTENDED INTO THE SIDES OF THE EXCAVATION SO THAT NO WATER CAN FLOW AROUND THE EDGES OF THE BAFFLE

POROUS BAFFLES AND INSTALLATION

NOT TO SCALE

POROUS BAFFLE MAINTENANCE

1. INSPECT BAFFLES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
2. BE SURE TO MAINTAIN ACCESS TO THE BAFFLES. SHOULD THE FABRIC OF A BAFFLE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
3. REMOVE SEDIMENT DEPOSITS WHEN IT REACHES HALF FULL TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE BAFFLES. TAKE CARE TO AVOID DAMAGING THE BAFFLES DURING CLEANOUT, AND REPLACE IF DAMAGED DURING CLEANOUT OPERATIONS. SEDIMENT DEPTH SHOULD NEVER EXCEED HALF THE DESIGNED STORAGE DEPTH.
4. AFTER CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED, REMOVE ALL BAFFLE MATERIALS AND UNSTABLE SEDIMENT DEPOSITS, BRING THE AREA TO GRADE, AND STABILIZE IT.

NO.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

COPYRIGHT © 2017
SUMMIT DESIGN AND ENGINEERING SERVICES
 DRAWING ALTERNATE
 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLICENSED ARCHITECT, PROFESSIONAL LAND SURVEYOR OR ANY OTHER PERSON WHO ACTS IN THIS CAPACITY TO REPRODUCE, COPIY, TRANSMIT, OR OTHERWISE DISSEMINATE THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF THE ORIGINAL AUTHOR.

PROJECT ENGINEER/ARCHITECT
 MWH/HAZARD@SUMMITDE.COM
 PROJECT MANAGER
 MWH/HAZARD@SUMMITDE.COM
 DRAWN BY
 MWH/HAZARD@SUMMITDE.COM
 FIRST ISSUE DATE
 10/29/2025



SUMMIT
 DESIGN AND ENGINEERING SERVICES
 State License #: P-40339
 320 Executive Court
 Hillsborough, NC 27778
 Voice: (919) 752-3883 Fax: (919) 752-6676
 www.summitde.com

TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
 LIVE OAK STREET
 BEAUFORT, NC
EROSION CONTROL DETAILS

PROJECT NO.
25-0099
 DRAWING NAME:
 25-0099_D
 SHEET NO.
D-5

DATE:

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Table with 3 columns: Site Area Description, Stabilize within this many calendar days after ceasing land disturbance, Timeframe variations. Rows include Perimeter dikes, High Quality Water (HQW) Zones, Slopes steeper than 3:1, Slopes 3:1 to 4:1, and Areas with slopes flatter than 4:1.

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity.

GROUND STABILIZATION SPECIFICATION

Table with 2 columns: Temporary Stabilization, Permanent Stabilization. Lists methods like grass seed, hydroseeding, mulch, and erosion control products.

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- 1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- 1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
3. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
4. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
5. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- 1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

- 1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, sized and placed appropriately for the needs of site.
5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

- 1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
2. Provide staking or anchoring of portable toilets during periods of high winds or in high traffic areas.
3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

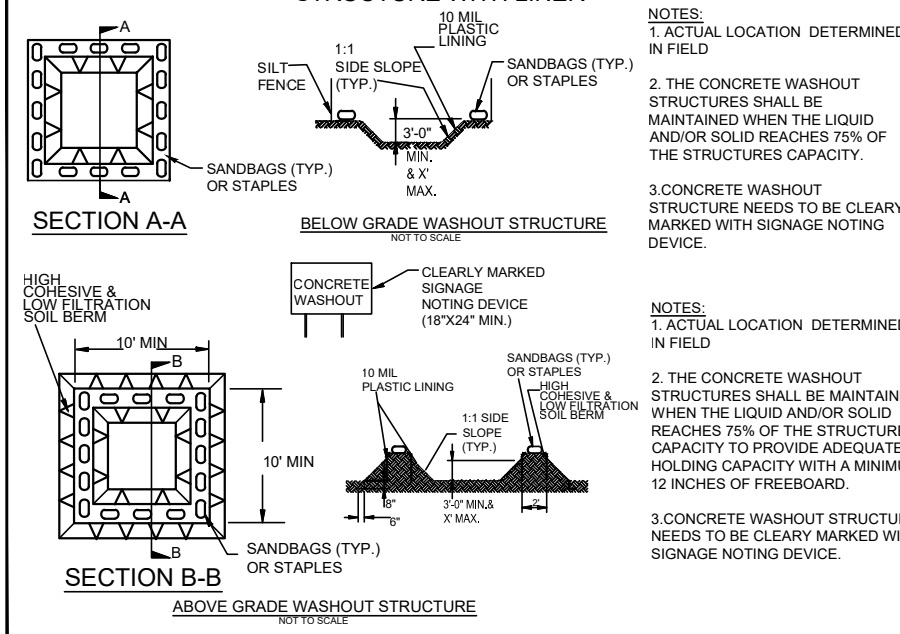
EARTHEN STOCKPILE MANAGEMENT

- 1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
3. Provide stable slope access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.

HAZARDOUS AND TOXIC WASTE

- 1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



CONCRETE WASHOUTS

- 1. Do not discharge concrete or cement slurry from the site.
2. Dispose of or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standards details are not available, use one of the two types of temporary concrete washouts provided on this detail.
5. Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
7. Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
9. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- 1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label.
3. Apply herbicides for use, ingredients and first aid steps in case of accidental poisoning.
4. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
5. Do not stockpile these materials onsite.



NCG-01 GROUND COVER & MATERIALS HANDLING

PAGE:

DATE:

PART II, SECTION G, ITEM (4) DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

- (a) The E&S plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&S plan authority has approved these items.
(b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part II, Section C, Item (2)(c) and (d) of this permit.
(c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, wet tanks, and filtration systems.
(d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above.
(e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
(f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Table with 3 columns: Inspect, Frequency (during normal business hours), Inspection records must include. Rows include Rain gauge, E&S Measures, Stormwater discharge outfalls (SDOs), Perimeter of Site, Streams or wetlands onsite or offsite, and Ground Stabilization Measures.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING SECTION B: RECORDKEEPING

The approved E&S plan as well as any approved deviation shall be kept on the site. The approved E&S plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&S plan shall be kept on site and available for inspection at all times during normal business hours.

Table with 2 columns: Item to Document, Document Requirements. Rows include E&S Plan Documentation, Grading completion, Ground cover installation, and Maintenance/repair requirements.

2. Additional Documentation to be Kept on Site

- (a) This General Permit as well as the Certificate of Coverage, after it is received.
(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if this requirement not practical.

3. Documentation to be Retained for This Permit

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING SECTION C: REPORTING

1. Occurrences that Must be Reported

- (a) Visible sediment deposition in a stream or wetland.
(b) Oil spills if:
- They are 25 gallons or more.
- They are less than 25 gallons but cannot be cleaned up within 24 hours.
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).
(c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref. 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref. 40 CFR 302.4) or G.S. 143-215.65.
(d) Anticipated bypasses and unanticipated bypasses.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

- (a) Visible sediment:
- Within 24 hours, an oral or electronic notification.
- Within 7 Calendar Days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis.
- If the stream is named on the NC 303(d) list as impaired for sediment-related caused, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and releases of hazardous substances per item 1(b)-(c) above:
- Within 24 Hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]:
- A report at least ten days before the date of the bypass, if possible, effect of the bypass.
- Within 24 Hours, an oral or electronic notification.
- Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]:
- Within 24 Hours, an oral or electronic notification.
- Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance. [40 CFR 122.41(i)(6)].
- Division staff may waive the requirement for a written report on a case-by-case basis.



NCG01- SELF INSPECTION

PAGE:

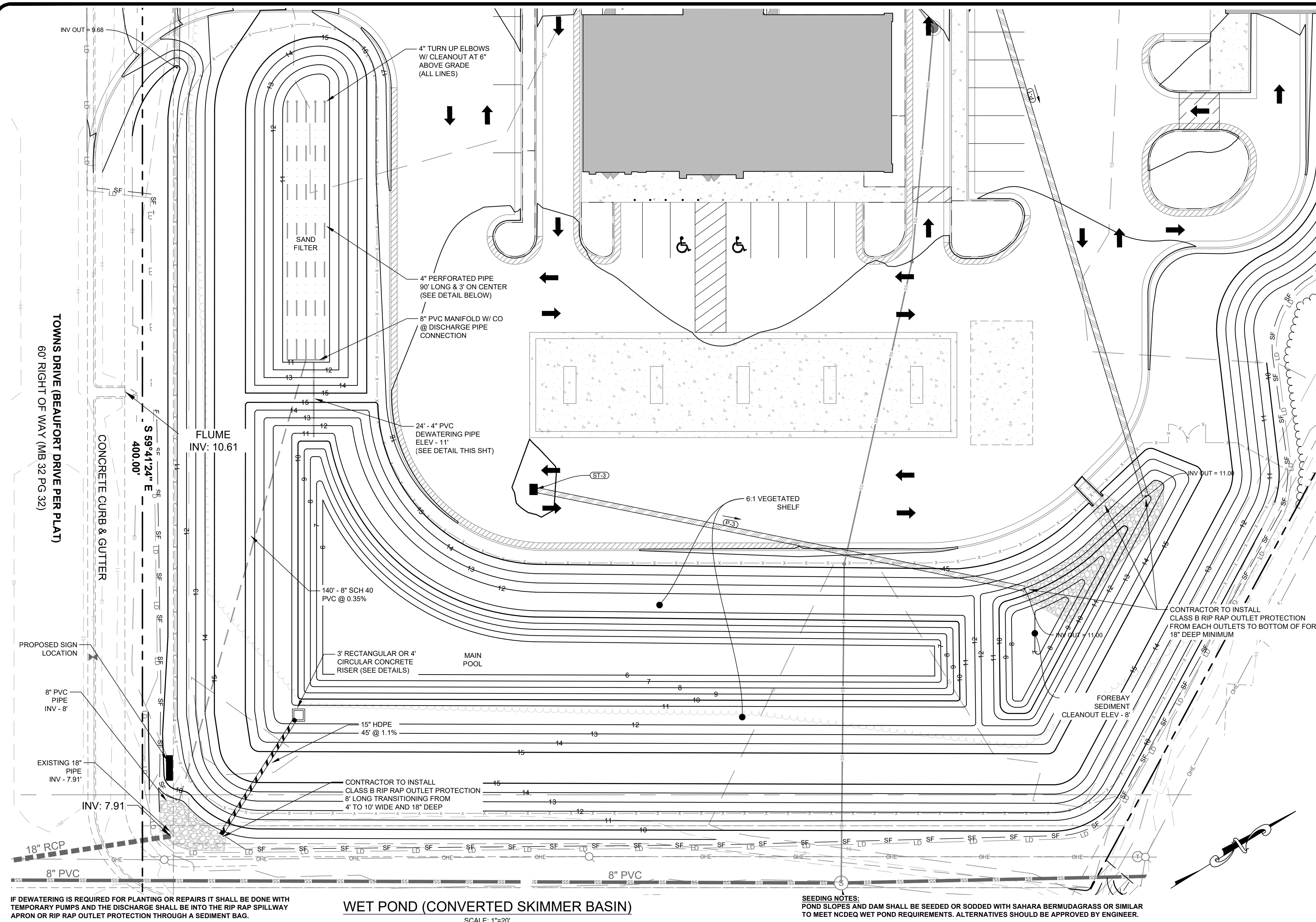
Table with 3 columns: REVISIONS, DATE, BY. Rows 1 through 7.

Project information including copyright 2017, project engineer/architect (MWH/MTCH/HSSTG@SUMMITDE.COM), project manager (MWH/MTCH/HSSTG@SUMMITDE.COM), and drawing by (MWH/MTCH/HSSTG@SUMMITDE.COM).



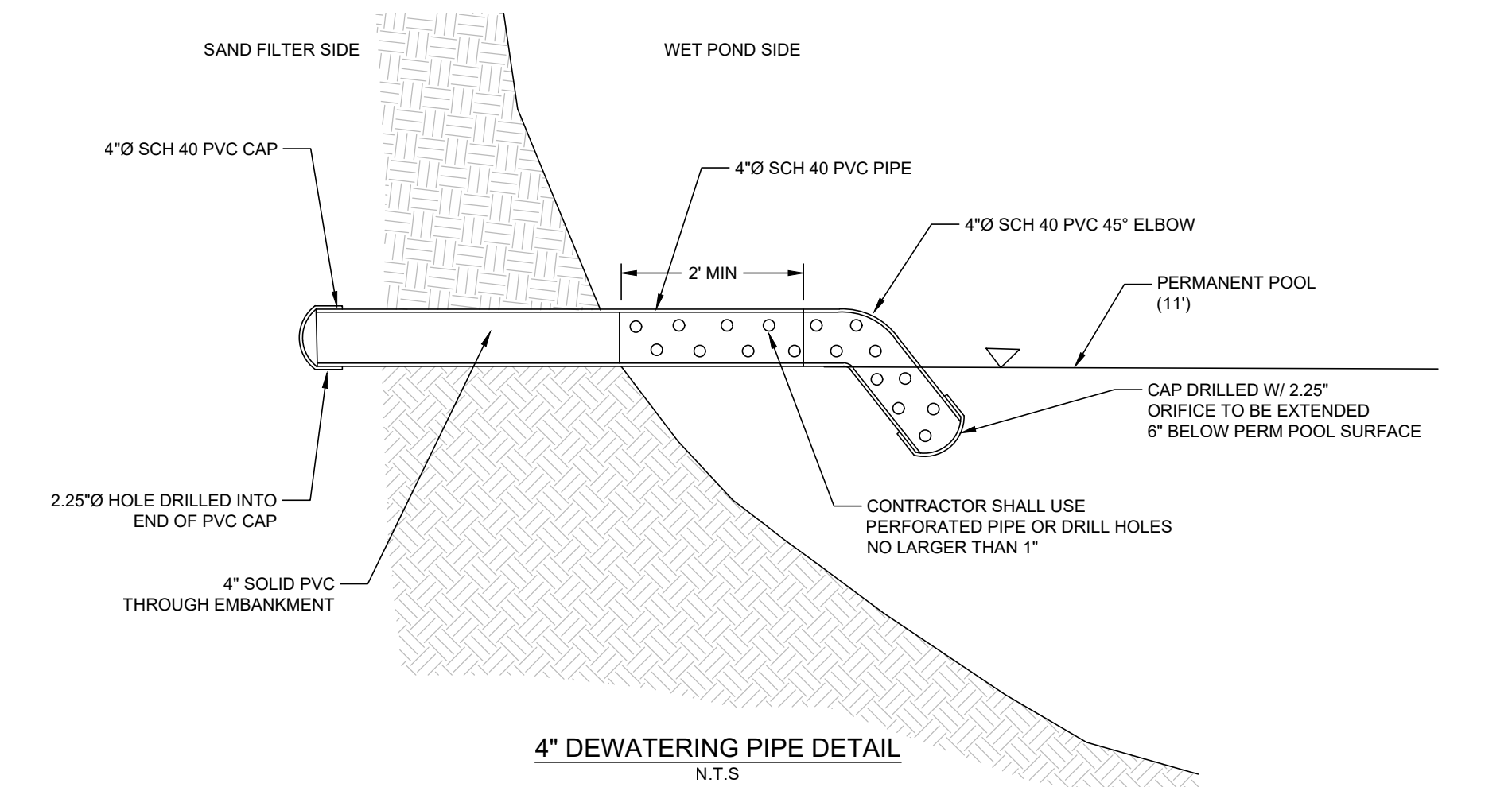
SUMMIT DESIGN AND ENGINEERING SERVICES logo and contact information: State License # P-0339, 320 Executive Court, Hillsborough, NC 27778, Voice: (919) 752-3883, Fax: (919) 752-6676, www.summitde.com.

TYPE OF DRAWINGS: BEAUFORT - MINUTE MAN, LIVE OAK STREET BEAUFORT, NC. EPA STORMWATER REQUIREMENTS. PROJECT NO. 25-0099, DRAWING NO. 25-0105_D, SHEET NO. D-6.



DAM EMBANKMENT CONSTRUCTION STANDARDS:

- CONTROLLED FILL, AS SPECIFIED BY THE GEOTECHNICAL ENGINEER, IN THE DAM EMBANKMENT SHALL BE PLACED IN 6-INCH LOOSE LAYERS (3-INCH LOOSE LAYERS WITHIN 3- FEET OF EITHER SIDE OF THE PRINCIPAL SPILLWAY PIPE TO A DEPTH OF 2- FEET OVER THE PIPE) AND SHALL BE COMPACTED TO A DENSITY OF NO LESS THAN 95% OF THE STANDARD PROCTOR MAXIMUM DENSITY AT A MOISTURE CONTENT OF - OR - TWO PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D698.
- ALL VISIBLE ORGANIC DEBRIS SUCH AS ROOTS AND LIMBS SHALL BE REMOVED FROM THE FILL MATERIAL PRIOR TO COMPACTION TO THE REQUIRED DENSITY. SOILS WITH ORGANIC MATTER CONTENT EXCEEDING 5% BY WEIGHT SHALL NOT BE USED. STONES GREATER THAN 3-INCH (IN ANY DIRECTION) SHALL BE REMOVED FROM THE FILL PRIOR TO COMPACTION.
- FILL MATERIAL PLACED AT DENSITIES LOWER THAN SPECIFIED MINIMUM DENSITIES OR AT MOISTURE CONTENTS OUTSIDE THE SPECIFIED RANGES OR OTHERWISE NOT CONFORMING TO SPECIFIED REQUIREMENTS SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIALS.
- ANY FILL LAYER THAT IS SMOOTH DRUM ROLLED TO REDUCE MOISTURE PENETRATION DURING A STORM EVENT SHALL BE PROPERLY SCARIFIED PRIOR TO THE PLACEMENT OF THE NEXT SOIL LIFT.
- SURFACE WATER AND STREAM FLOW SHALL BE CONTINUOUSLY CONTROLLED THROUGHOUT CONSTRUCTION AND THE PLACEMENT OF CONTROLLED FILL.
- FOUNDATION AREAS MAY REQUIRE UNDERCUTTING OF COMPRESSIBLE AND/OR UNSUITABLE SOILS IN ADDITION TO THAT INDICATED ON THE PLANS. ALL SUCH UNDERCUTTING SHALL BE PERFORMED AT THE DISCRETION OF THE GEOTECHNICAL ENGINEER AND SHALL BE MONITORED AND DOCUMENTED. IN NO CASE SHALL THERE BE AN ATTEMPT TO STABILIZE ANY PORTIONS OF THE FOUNDATION SOILS WITH CRUSHED STONE.
- TREATMENT OF SEEPAGE AREAS, SUBGRADE PREPARATION, FOUNDATION DEWATERING AND ROCK FOUNDATION PREPARATION (I.E., TREATMENT WITH SLUSH GROUTING, DENTAL CONCRETE, ETC.) MAY BE REQUIRED AT THE DISCRETION OF THE GEOTECHNICAL ENGINEER. ALL SUCH ACTIVITIES SHALL BE CLOSELY MONITORED AND DOCUMENTED BY THE GEOTECHNICAL ENGINEER.
- FILL ADJACENT TO THE RISER AND PRINCIPAL SPILLWAY PIPE SHALL BE PLACED SO THAT LIFTS ARE AT THE SAME LEVEL ON BOTH SIDES OF THE STRUCTURES.
- EARTHWORK COMPACTED WITHIN 3- FEET OF ANY STRUCTURES SHALL BE ACCOMPLISHED BY MEANS OF HAND TAMPERS, MANUALLY DIRECTED POWER TAMPERS OR PLATE COMPACTORS OR MINIATURE SELF-PROPELLED ROLLERS.
- COMPACTED BY MEANS OF DROP WEIGHTS FROM A CRANE OR HOIST SHALL NOT BE PERMITTED.
- HEAVY EQUIPMENT SHALL NOT BE ALLOWED TO PASS OVER CAST-IN-PLACE STRUCTURES (INCLUDING THE CRADLE) UNTIL ADEQUATE CURING TIME HAS ELAPSED.
- TO RE-ESTABLISH VEGETATION AFTER CONSTRUCTION, A 2- TO 3- INCH LAYER OF TOPSOIL SHALL BE PLACED ON THE DISTURBED EMBANKMENT SURFACE AND THE AREA SEEDED AND SODDED OR HYDROSEEDED.



- SKIMMER BASIN TO WET POND CONSTRUCTION SEQUENCE:**
- DEWATER THE BASIN VIA PUMP THROUGH SEDIMENT BAG
 - BAG SHALL DISCHARGE INTO A STABLE AGGREGATE DISSIPATOR PAD OR A DENSELY VEGETATED AREA
 - REMOVE AND PROPERLY DISPOSE OF BAFFLES.
 - REMOVE DEPOSITED SEDIMENT IN POND AND STRUCTURE. PROPERLY DISPOSE OF OFF-SITE.
 - ADJUST GRADES AS NECESSARY TO MATCH PLANS INCLUDING EXCAVATION OF PERMANENT POOL.
 - AS-BUILT CONDITIONS SHOULD BE VERIFIED PRIOR TO PLANTING TO ENSURE SIZE, SLOPES, ETC ARE ADEQUATE.
 - INSTALL 3-4\"/>

MAINTENANCE:
DURING AND AFTER CONSTRUCTION THE STORMWATER WET POND MUST BE PERIODICALLY CHECKED FOR PROPER FUNCTION. THE BASIN SHALL ALSO BE INSPECTED AFTER RAIN EVENTS. PROPER FUNCTION WILL BE EVIDENT BY A WET POND CONDITION. PERIODS OF EXTENDED PONDING ABOVE THE WQ ORIFICE (42.5') INDICATE A BLOCKED DISCHARGE ORIFICE. ROUTINE INSPECTION TO BE DONE BY WALKING DOWN AND VISUALLY INSPECTING. IF ORIFICE FOUND TO BE CLOGGED BY TRASH OR SEDIMENT IT SHALL BE REMOVED AND PROPERLY DISPOSED OF.

IN THE EVENT THERE ARE SLOPE FAILURES OR LARGE MAINTENANCE ISSUES A TRACKED EXCAVATOR SHALL BE USED TO ACCESS THE POND. IN THE EVENT OF LARGE MAINTENANCE ISSUES REQUIRING DEWATERING THE WET POND SHOULD BE DEWATERED VIA PUMP TO A STABLE OUTLET.

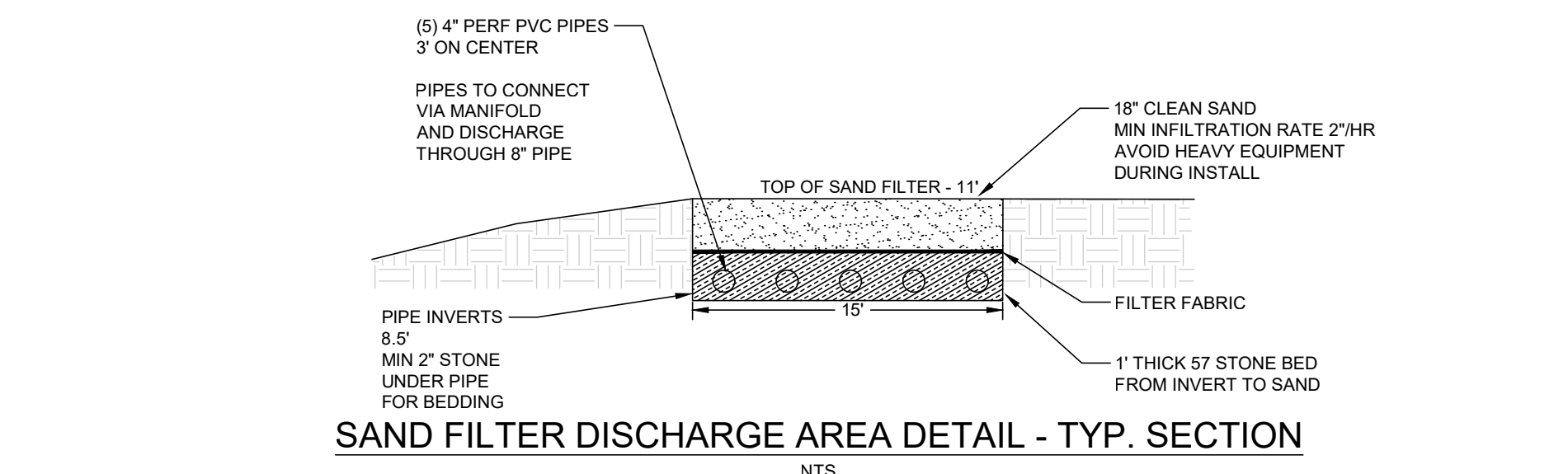
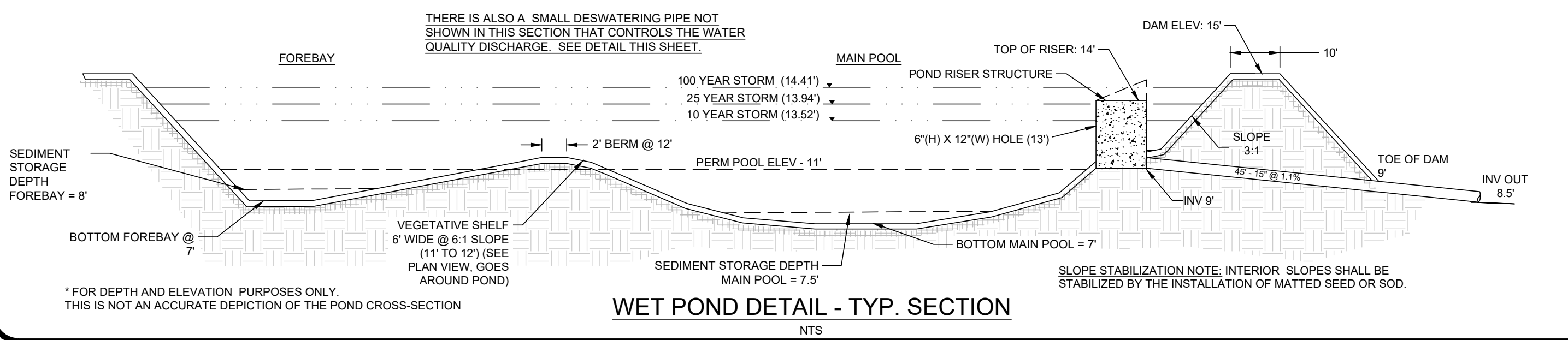
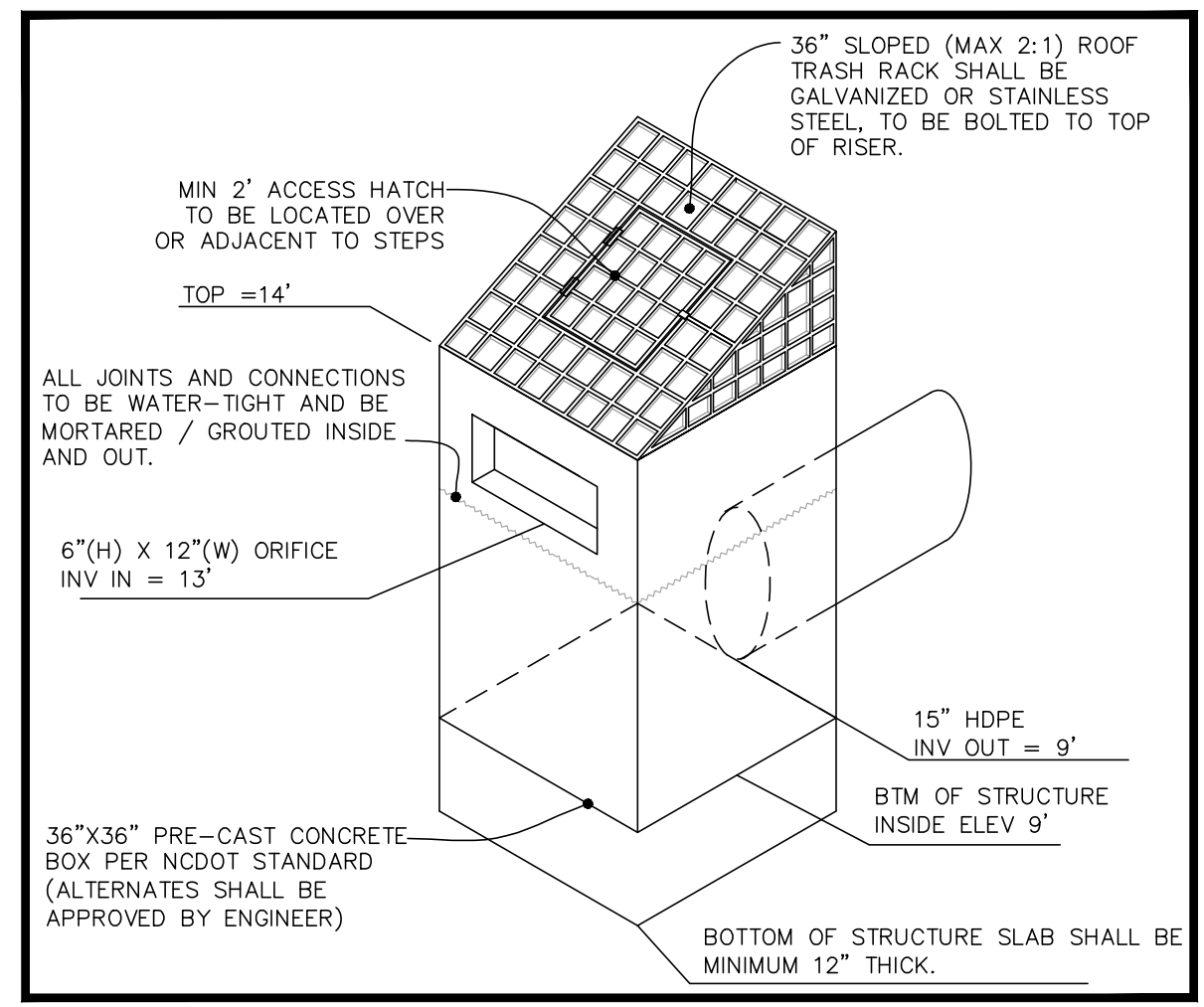
WET POND SHELF PLANTING CHART

Total Planting Area = 3,488 SF

**SHALLOW LAND PLANTS (upper 6\"/>

SCIENTIFIC NAME	COMMON NAME	QTY.	PCT. OF QTY.
ASCLEPIAS INCARNATA	SWAMP MILK WEED	174.4	20%
LOBELIA CARDINALIS	CARDINAL FLOWER	174.4	20%
EUPATORIADDELPHUS FISTULOSUS	JOE PYE WEED	174.4	20%
HIBISCUS COCCINEUS	SCARLET ROSE MALLOW	174.4	20%
KOSTELETZKYA VIRGINICA	SEASHORE MALLOW	174.4	20%
SUB TOTAL:		872	100%

Contractor Shall Select at minimum 3 species. Total quantity of plants will remain the same**



NO.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

COPYRIGHT © 2017
SUMMIT DESIGN AND ENGINEERING SERVICES
DRAWING ALTERNATION
IT IS A VIOLATION OF LAW FOR ANY PERSON, FIRM OR CORPORATION TO REPRODUCE, TRANSMIT, COPY, DISTRIBUTE, OR OTHERWISE MAKE AVAILABLE TO ANY OTHER PERSON, FIRM OR CORPORATION ANY INFORMATION CONTAINED HEREIN WITHOUT THE WRITTEN PERMISSION OF SUMMIT DESIGN AND ENGINEERING SERVICES.
PROJECT MANAGER: MWH/HAIT-HASTINGS@SUMMITDE.COM
PROJECT MANAGER: MWH/HAIT-HASTINGS@SUMMITDE.COM
DRAWN BY: MWH/HAIT-HASTINGS@SUMMITDE.COM
FIRST ISSUE DATE: 10/29/2025

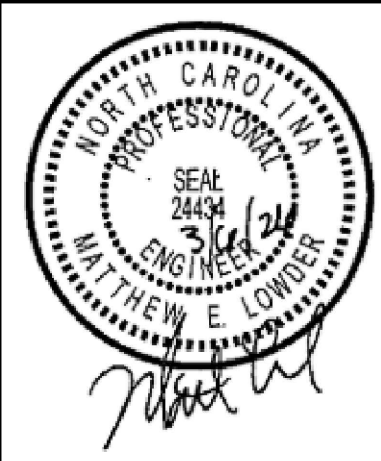


SUMMIT
DESIGN AND ENGINEERING SERVICES
State License #: P-40339
320 Executive Court
Hillsborough, NC 27778
Voice: (919) 732-3883 Fax: (919) 732-6676
www.summitde.com

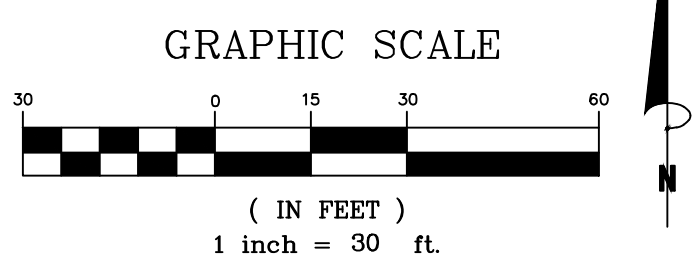
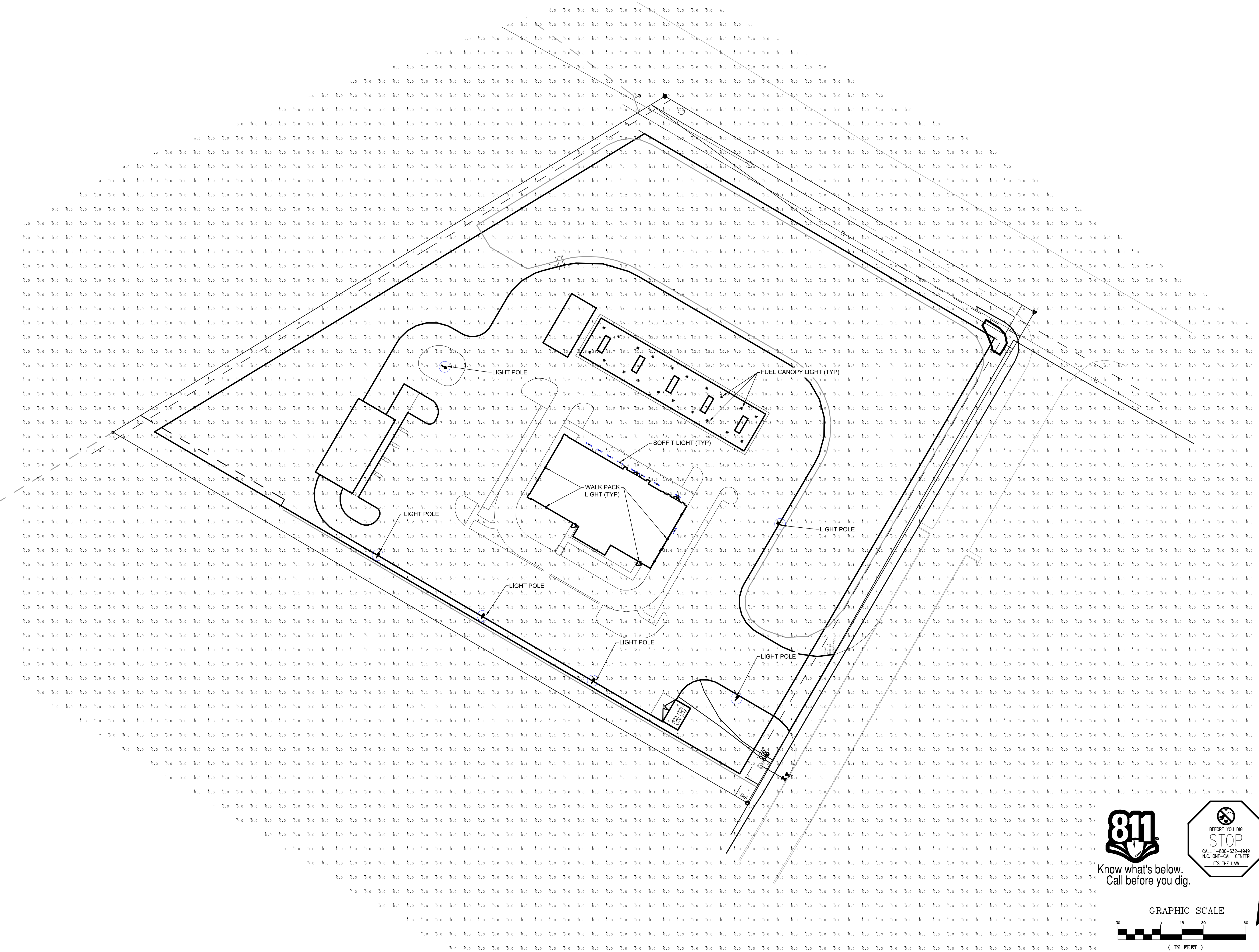
TYPE OF DRAWINGS
BEAUFORT - MINUTE MAN
LIVE OAK STREET
BEAUFORT, NC

STORMWATER DETAILS

PROJECT NO. 25-0099
DRAWING NAME: 23-0196_D
SHEET NO. D-7



PLAN STATUS		
DATE	DESCRIPTION	
MEL	DESIGN	CHKD
SCALE	H: 1" = 30'	V: N/A
JOB No: 220206-01-029		
DATE MARCH 6, 2026		





Scottsdale® Legacy (CRUS)

LED Canopy Luminaire



OVERVIEW

Lumen Package (lm)	5,000 - 22,000
Wattage Range (W)	38 - 152
Efficacy Range (LPW)	114 - 156
Weight lbs (kg)	23 (10.4)

QUICK LINKS

[Ordering Guide](#)
[Performance](#)
[Photometrics](#)
[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Features a ultra-slim 11/16" profile die-cast housing, with flat clear or diffused tempered glass lens. Unit is water-resistant, sealed and IP66 rated. Integral designed heat sink does not trap dirt and grime, ensuring cool running performance over the life of the fixture.
- Standard color is white and is finished with LSI's DuraGrip® polyester powder coat process. DuraGrip withstands extreme weather changes without cracking or peeling.
- Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.

Optical System

- Features an array of select, mid-power, high brightness, high efficiency LED; 3000K, 4000K, 5000K color temperature, 80 CRI (nominal).
- Choice of Symmetric or Asymmetric distribution. Asymmetric provides a wider distribution pattern. Optional symmetric with diffused lens also available.
- Forward Throw distribution provides an industry leading unique distribution pattern that illuminates the area under the gas canopy and beyond. The forward through optic directs the light to the forecourt from the gas canopy eliminating the need for supplemental floodlights and extensive perimeter lighting.
- Diffuse lens available as an option to soften brightness of the luminaire.
- Six Lumen Packages: 5,000, 9,000, 10,000, 13,000, 18,000 and 22,000 Lumens.

Electrical

- High performance factory programmable driver features over-voltage, under voltage, short-circuit and over temperature protection with integral 6kV surge protection that meets IEEE C62.41.2 and ANSI C82.77-5 Location Category C Low standards. Additional field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2). Custom lumen and wattage packages available.
- Driver components are fully encased in potting for moisture resistance. Complies with IEC and FCC standards. 0-10 V dimming supplied standard with all drive currents.
- Die-cast aluminum, wet location rated driver/electrical enclosure is elevated above canopy deck to prevent water entry, provide easy "knock-out" connection of primary wiring and acts as the primary heatsink ensuring cool operation of internal components for longer life. Seals to optical housing via one-piece molded silicone gasket.
- Universal voltage power supply, 120-277 VAC, 50/60 HZ and 347-480 VAC, 50/60 HZ input.
- -40°C to 55°C (-40°F to 131°F) ambient operating temperature. (Varies based on lumen package and mounting style see performance data for specifics.)
- Minimum 60,000 to 100,000 hours depending upon the ambient temperature of the installation location (see performance data for specifics.)

Hazardous Location

- Designed for lighter than air fuel applications. Product is suitable for Class 1 Divisions 2 only when properly installed per LSI installation instructions. See lsi.com for specific guidance. Not available on SLW.

Installation

- One-person installation.
- Installs in a 12" or 16" deck pan. Deck penetration consists of a 4" hole, simplifying installation and water sealing. Unit is designed to quickly retrofit into existing Scottsdale (4") hole as well as openings for Encore and Encore Top Access and to reconnect wiring for the SC/ECTA without having to relocate the conduit.
- Retro panels are available for existing Encores as well as kits for recessed and 2x2 installations (see separate spec sheets). Support brackets are provided standard, to prevent sagging of deck.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- UL and ETL listed to UL 1598, UL 8750 and other U.S. and International safety standards. Suitable for wet locations.
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- Meets Buy American Act requirements.
- IDA compliant with 3000K or lower color temperature.

Scottsdale® Legacy (CRUS) LED Canopy Luminaire

Type : _____

 **Have questions?** Call us at (800) 436-7800

ORDERING GUIDE

[Back to Quick Links](#)

TYPICAL ORDER EXAMPLE: CRUS SCFT LED VHO 50 UE WHT DFL							
Prefix	Distribution	Light Source	Driver	Color Temperature	Input Voltage	Finish	Options ⁴
CRUS - LED Canopy Luminaire	SC - Symmetric AC ¹ - Asymmetric	LED	SLW - 5,000 Lumens VLW - 9,000 Lumens LW - 11,000 Lumens SS - 13,000 Lumens HO - 19,000 Lumens VHO - 22,000 Lumens ² Custom Lumen Packages ³ VHO - 22,000 Lumens	30 - 3000K 40 - 4000K 50 - 5000K	UE - Universal Voltage (120 - 277V) HV - High Voltage (347 - 480V)	WHT - White BRZ - Bronze BLK - Black	HL ⁵ - Hazardous Location DFL - Diffuse Lens
	SCFT ² - Combination Standard Symmetric and Forward Throw						



Need more information?
[Click here for our glossary](#)

Have additional questions?
Call us at (800) 436-7800



ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Order Number	Description
525946	Retrofit Panels - EC / ECTA / SCF to CRUS, for 16" Deck Panel
530281	Retrofit Panels - ECTA / SCF to CRUS, for 12" Deck Panel
357282	Retrofit 2x2 Cover Panel Blank (no holes)

Order Number	Description
354702	Retrofit RIC Cover Panel Blank (no holes)
1320540	Kit - Hole Plugs and Silicone (enough for 25 retrofits) [*]

*Consists of (25) 7/8" hole plugs, (100) 5/16" hole plugs and (1) tube of RTV

1 AC distribution utilizes a reflector which alters the look from a standard SC distribution.
 2 FT distribution option only available with VHO 22,000 lumen package.
 3 Custom lumen and wattage packages available consult factory Values are within industry standard tolerances but not DLC listed.
 4 Not available with SCFT.
 5 Not available on SLW.

Scottsdale® Legacy (CRUS) LED Canopy Luminaire

Type: _____

 Have questions? Call us at (800) 436-7800

PERFORMANCE

Delivered Lumens											
Lumen Package	Distribution	3000K CCT			4000K CCT			5000K CCT			Wattage
		Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
VHO	SC	21,301	140	B4-U0-G2	21,835	144	B4-U0-G2	22,697	150	B4-U0-G2	152
	AC	17,355	114	B3-U0-G3	17,799	117	B3-U0-G3	18,502	122	B3-U0-G3	
	SCFT	22,192	146	B3-U0-G3	22,598	149	B3-U0-G3	23,269	153	B3-U0-G3	
HO	SC	17,889	143	B3-U0-G1	18,346	146	B3-U0-G2	19,071	152	B4-U0-G2	125
	AC	14,582	116	B3-U0-G2	14,955	119	B3-U0-G2	15,546	124	B3-U0-G2	
SS	SC	13,113	141	B3-U0-G1	13,449	144	B3-U0-G1	13,980	150	B3-U0-G1	93
	AC	11,468	123	B3-U0-G2	11,761	126	B3-U0-G2	12,226	131	B3-U0-G2	
LW	SC	10,457	144	B3-U0-G1	10,724	148	B3-U0-G1	11,148	154	B3-U0-G1	73
	AC	9,145	126	B2-U0-G2	9,379	129	B2-U0-G2	9,749	134	B2-U0-G2	
VLW	SC	8,783	146	B3-U0-G1	9,008	149	B3-U0-G1	9,364	155	B3-U0-G1	60
	AC	7,681	127	B2-U0-G1	7,878	131	B2-U0-G1	8,189	136	B2-U0-G1	
SLW	SC	5,585	146	B2-U0-G1	5,728	150	B2-U0-G1	5,954	156	B2-U0-G1	38
	AC	4,884	128	B1-U0-G1	5,009	131	B1-U0-G1	5,207	136	B1-U0-G1	

*LEDs are frequently updated therefore values are nominal.

Electrical Data (AMPS)							
Lumen Package	Wattage	120V	208V	240V	277V	347V	480V
VHO	152	1.27	0.73	0.64	0.55	0.44	0.32
HO	124	1.03	0.6	0.52	0.45	0.36	0.26
SS	92	0.77	0.44	0.38	0.33	0.27	0.19
LW	72	0.6	0.35	0.3	0.26	0.21	0.15
VLW	60	0.5	0.29	0.25	0.22	0.17	0.13
SLW	38	0.32	0.18	0.16	0.14	0.11	0.08

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

OPERATING TEMPERATURE		
Lumen Package	Mounting	Max
VHO	Metal/Wood Canopy	45 C
HO	Metal/Wood Canopy	45 C
SS	Metal/Wood Canopy	55 C

Recommended Lumen Maintenance ¹ CRUS VHO					
Ambient Temperature °C	Initial ²	25k hr ²	50k hr ²	75k hr ³	100k hr ³
0 C	102%	97%	92%	88%	84%
10 C	102%	97%	92%	88%	84%
20 C	102%	97%	92%	88%	84%
25 C	102%	97%	92%	88%	84%
30 C	102%	97%	92%	88%	84%
40 C	101%	95%	90%	85%	80%
50 C	101%	94%	89%	83%	78%

Recommended Lumen Maintenance ¹ CRUS SS					
Ambient Temperature °C	Initial ²	25k hr ²	50k hr ²	75k hr ³	100k hr ³
0	102%	97%	92%	88%	84%
10	102%	97%	92%	88%	84%
20	102%	97%	92%	88%	84%
25	102%	97%	92%	88%	84%
30	102%	97%	92%	88%	84%
40	102%	97%	92%	88%	84%
50	101%	95%	91%	86%	82%

1 Lumen maintenance values at 25 °C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.

2 In accordance with IESNA TM-21-II, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED).

3 In accordance with IESNA TM-21-II, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED).

Scottsdale® Legacy (CRUS) LED Canopy Luminaire

Type : _____

 Have questions? Call us at (800) 436-7800

PHOTOMETRICS

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

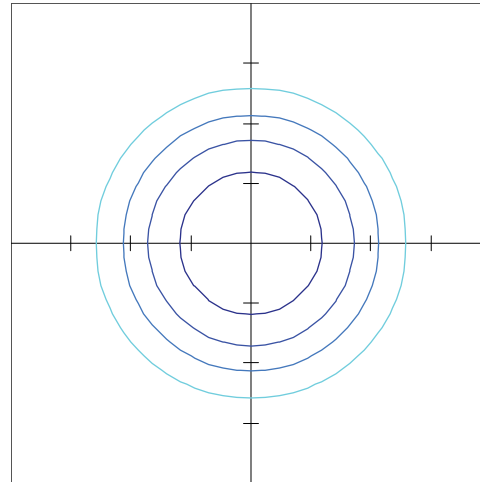
See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

CRUS-SC-SS-50

Luminaire Data	
Type 5 Distribution	
Description	5000 Kelvin, 80 CRI
Delivered Lumens	13,980
Watts	93
Efficacy	150
IES Type	Type VS - Very Short
BUG Rating	B3-U0-G1

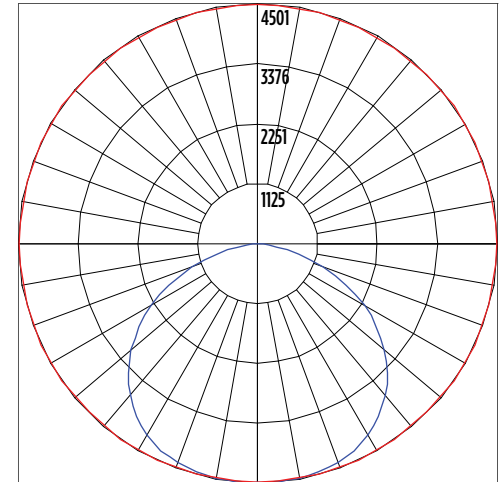
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	3,479.6	26.7%
Medium (30-60°)	7,109.8	54.5%
High (60-80°)	2,334.8	17.9%
Very High (80-90°)	114.4	0.9%
Uplight (90-180°)	0.0	0.0%
Total Flux	13,038.6	100%

ISO Footcandle



10' Mounting Height / 10' Grid Spacing
 ■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



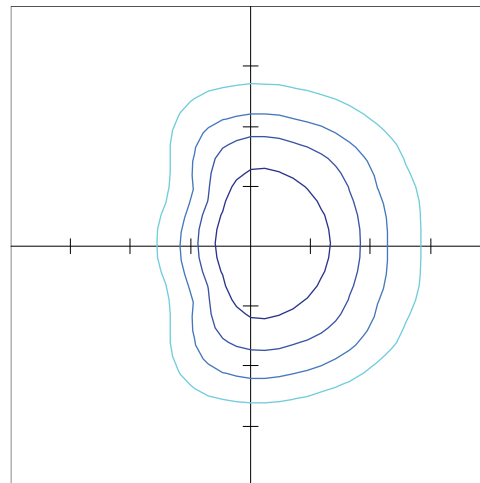
■ Vertical Plane ■ Horizontal Cone

CRUS-AC-SS-50

Luminaire Data	
Type 3 Distribution	
Description	5000 Kelvin, 80 CRI
Delivered Lumens	12,226
Watts	93
Efficacy	131
IES Type	Type III, Very Short
BUG Rating	B3-U0-G2

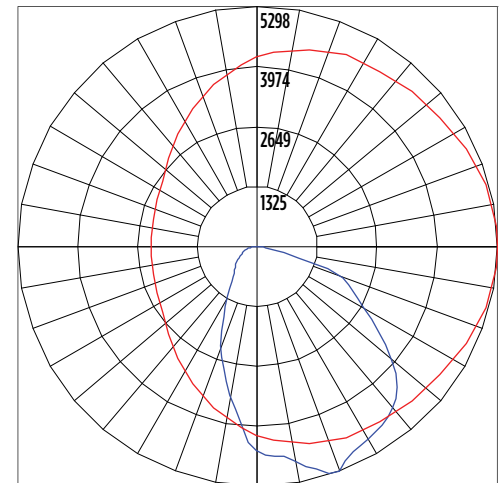
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	3,240.3	27%
Medium (30-60°)	6,245.5	51%
High (60-80°)	2,594.6	21%
Very High (80-90°)	146.1	1%
Uplight (90-180°)	0	0%
Total Flux	12,227	100%

ISO Footcandle



15' Mounting Height / 15' Grid Spacing
 ■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

Polar Curve



■ Vertical Plane ■ Horizontal Cone

PHOTOMETRICS

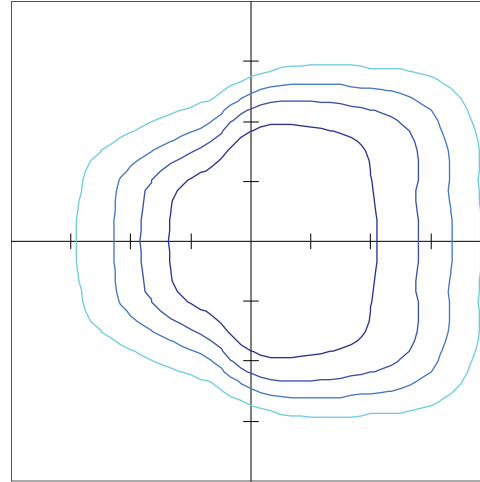
[Back to Quick Links](#)

CRUS-SCFT-SS-50

Luminaire Data	
Type 5 Distribution	
Description	5000 Kelvin, 80 CRI
Delivered Lumens	13,980
Watts	93
Efficacy	150
IES Type	Type VS - Very Short
BUG Rating	B3-U0-G3

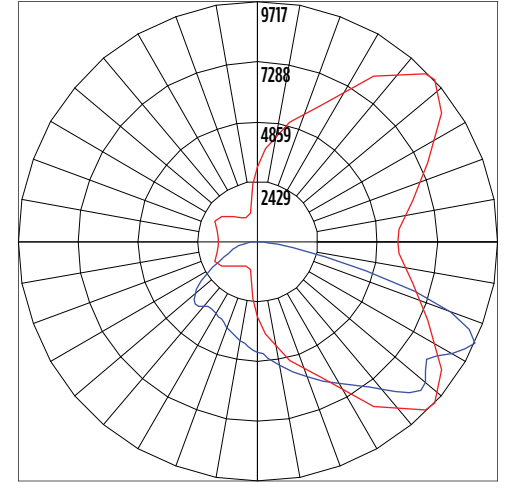
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
Low (0-30°)	2,397.7	10.30%
Medium (30-60°)	8,658.8	37.20%
High (60-80°)	4,914.2	21.10%
Very High (80-90°)	225.7	1.00%
Uplight (90-180°)	0	0%
Total Flux	23,269.3	100%

ISO Footcandle



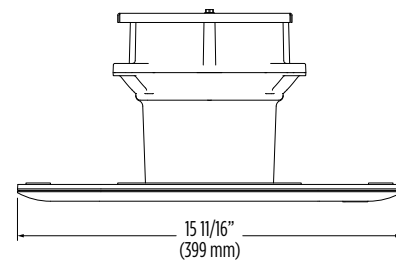
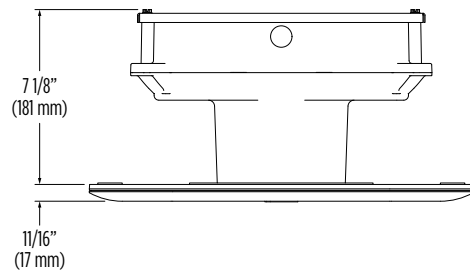
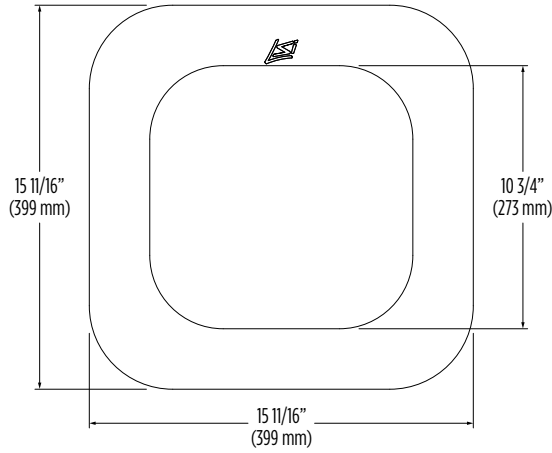
10' Mounting Height / 10' Grid Spacing
 5 FC 2 FC 1 FC 0.5 FC

Polar Curve



Vertical Plane Horizontal Cone

PRODUCT DIMENSIONS



LED Wall Pack - 7,700 Lumens



[More Images](#)

MODEL NO.	DIMENSIONS W x D x H	WATTS	LUMENS
H-9996	14 x 7 1/2 x 9 1/2"	76	7,700

SECTION 20 Special Use Permits

A) General.

Special uses are practices which are not permitted by right in any zoning district in the Town but may only be granted after due consideration by the BOC. The consideration of a special use application is a quasi-judicial function to be conducted in accordance with the procedure set forth in Section 32, Quasi-Judicial Procedure. Special use permits may only be granted by the BOC following a recommendation by the Planning Board and the completion of the quasi-judicial review process by the BOC as outlined in Section 32.

A Special Use Permit is a permit issued to authorize development or land uses in a particular zoning district upon presentation of competent, material, and substantial evidence establishing compliance with one or more general standards requiring that judgment and discretion be exercised as well as compliance with specific standards.

B) Special Use Permit Application Procedures.

- 1) A written application for a special use permit in all zones shall be submitted to the Town's Planning and Inspections Department in accordance with the requirements of Section 1 and Section 31 of this Ordinance and all applicable administrative regulations. The application shall include:
 - a) A proposed use site plan which contains information documented in Section 18(C) of this Ordinance and the specific information below:
 - i) A vicinity map and survey of the parcel which shall include the zoning and use of all adjacent properties;
 - ii) A legend identifying all symbols on the map;
 - iii) A North arrow and a scale;
 - iv) A preliminary design of the proposed use which shows all existing and proposed structures, parking layouts, driveways, buffering, landscaping, points of ingress and egress, easements, minimum building lines, and street rights-of-way;
 - v) A site data block of features which includes the proposed use(s), square footage of the proposed and existing structure(s), site zoning, total acreage, number of lots, minimum lot size, and average lot size;
 - vi) The map book, page number, and deed book information;
 - vii) A note stating whether any portion of the property is included in any adopted Town plan; and,
 - viii) Any other related information requested by Town staff, the Planning Board, or the BOC.
 - ix) All required environmental permit improvements needed for the property.
 - b) The special use permit sought; and,
 - c) Information supporting the existence of the required findings, and providing such plans or other relevant data as may be required by the Town.

- 2) Whenever an application is submitted for a special use permit in a residential zone, the applicant shall also include:
 - a) A narrative which illustrates the appropriateness of the proposed use in a residential zone. This narrative shall also describe all the architectural design features which make the proposed use and associated building compatible with the urban character of the residential neighborhood;
 - b) The submitted site plan shall also include all street front architectural elevation drawings to ensure the compatibility of the building(s) with the surrounding residential structures; and,
 - c) Additionally, the BOC and Town staff may require a professional rendering or any other graphic illustration of the proposed structure.
- 3) The application shall be reviewed by Town staff and submitted with comments and recommendation to the Planning Board for review. The Planning Board shall review the application for a special use permit and make a recommendation as to whether it should be approved or denied. After the Planning Board makes its recommendation, the application shall be forwarded to the BOC for consideration.

C) *Quasi-Judicial Proceeding Notification Requirements.*

The Planning Board will review and make recommendations regarding all applications for a special use permit. The BOC shall schedule a quasi-judicial proceeding for the application and BOC consideration after reasonable opportunity for staff and Planning Board review. In considering the application, the BOC shall follow the procedures set forth in Section 32, Quasi-Judicial Procedure.

D) *Procedures on Special Use Applications.*

In considering whether to approve an application for a special use permit, the BOC shall proceed as follows:

- 1) The BOC shall conduct an evidentiary hearing in accordance with the provisions of Section 32, Quasi-Judicial Procedure, herein. And consider relevant information regarding whether the required findings under Section 20(E) exist and whether the special use is appropriate in the proposed location.
- 2) The BOC shall consider whether the application complies with each individual required finding specified in Section 20(E). The BOC need not make the required findings at the time of the hearing and may vote to table the matter and request information if needed. If the special use permit application is approved, the BOC motion shall contain language showing all the required findings under Section 20(E) have been met, and in the absence of specific findings, it shall be conclusively presumed the application complies with all the findings in Section 20(E).
- 3) The BOC shall render a decision within a reasonable period of time not to exceed ninety days after holding the evidentiary hearing for the proposed special use application. The BOC need not issue a decision at the time of the hearing if additional information is needed and may table the matter until a later date.
- 4) If the application is found not to be in compliance with one or more of the required findings of Section 20(E) or any other applicable section of this Ordinance, the application shall be denied. Such motion shall specify the particular findings the application fails to meet.

- 5) Notwithstanding the specific requirements of this Ordinance, the BOC may impose additional conditions and reasonable requirements upon the requested special use permit in order to ensure the use is consistent with the required findings as specified under Section 20(E).
- 6) The BOC shall render its decision on the special use permit application, in writing, in accordance with the provisions of Section 32 herein.

E) *Required Findings.*

- 1) In addition to any other findings or requirements as specified by any other section of this Ordinance, before any application for a special use may be granted or denied, the BOC shall make each of the following findings:
 - a) The proposed use is an allowable special use in the zoning district it is being located within;
 - b) The application is complete;
 - c) The location and character of the use will be in conformity with the Town's Comprehensive and CAMA Land Use Plan and other comprehensive planning elements;
 - d) Streets, driveways, parking lots, traffic control, and any other traffic circulation features shall be designed and provided in accordance with current traffic engineering standards and Town regulations and found to be adequate for the proposed special use;
 - e) The proposed special use will not substantially injure the value of adjoining or abutting properties;
 - f) The proposed special use will be compatible and in harmony with adjoining land uses and the development patterns of the immediate area; and,
 - g) The proposed use will not materially endanger the public health or safety of the community if located where proposed and developed according to the submitted and approved plan.
- 2) The BOC shall make its findings based on "competent, material and substantial evidence" as described in N.C. Gen. Stat. §160D-406 in accordance with the procedures set forth in Section 32 herein.
- 3) Compatibility Standards for Special Uses in Residential Zones:
In deciding whether the architectural elements of the proposed special use in a residential zone will be compatible with the adjoining buildings, the BOC shall review said proposal in reference to the following architectural elements:
 - a) Size (footprint);
 - b) Height;
 - c) Proportion and scale;
 - d) Roof shape(s);
 - e) Setbacks;
 - f) Location, size, and number of openings (doors and windows);
 - g) Materials;
 - h) Color; and,
 - i) Texture.

C) ***B-1 General Business District.***

The General Business District is established as the zoning district in which a wide variety of sales and service facilities may be provided to the general public. This district will be located throughout the Town's planning and development regulation jurisdiction.

1) Minimum Lot Size.

All lots in the B-1 district shall be a minimum of five thousand square feet (5,000 ft²).

2) Minimum Lot Width.

All lots in the B-1 district shall have a minimum lot width of sixty feet (60') at the minimum building line.

3) Building Setback and Building Height Requirements and Limitations.

Subject to the exceptions allowed in this Ordinance, each structure on a lot in this zoning district shall be set back from the boundary lines of the lot at least the distances provided in the tables set forth in this section. The building height limitation in this district is provided in the tables set forth in this section.

Table 9-5 Lot Requirements

<i>District</i>	<i>Front Setback (Right-of-Way)</i>	<i>Rear Setback</i>	<i>Side Setback</i>	<i>Building Height Limitation</i>
B-1	30 feet	15 feet	15 feet	40 feet

4) Accessory Building Setback Requirements.

All accessory buildings shall comply with all setback provisions of this Ordinance, including but not limited to Section 2(F), Section 6 and Section 15 of this Ordinance.

5) Permitted Uses.

- | | |
|--|--|
| Amusement Establishment | Liquor Store |
| Antenna Co-Location on Existing Tower | Moped/Golf Cart Sales/Rentals |
| Aquaculture | Mortuary/Funeral Home/Crematorium |
| Assisted Living | Motor Vehicle Sales/Rentals |
| Athletic Field, Public | Museum |
| Bed & Breakfast | |
| Boat Sales/Rentals | Neighborhood Recreation Center, |
| Car Wash | Public |
| Club, Lodge, or Hall | Nursing Home |
| Commercial Indoor Recreation Facility | Office: Business, Professional, or Medical |
| Community Garden | Other Building-Mounted Antennae & |
| Concealed (Stealth) Antennae & Towers | Towers |
| Convenience Store | Outdoor Retail Display/Sales |
| Day Care Center | Park, Public |
| Dock | Parking Lot |
| Dry Boat Storage | Parking Structure |
| Financial Institution | Personal Service Establishment |
| Government/Non-Profit Owned/
Operated Facilities & Services | Pool Hall or Billiard Hall |
| Hospital | Produce Stand/Farmers' Market |
| Hotel or Motel | Public Safety Station |
| Kennel, Indoor Operation Only | Public Utility Facility |
| Library | Religious Institution |
| | Resource Conservation Area |

Land Development Ordinance for the Town of Beaufort

Restaurant with Drive-Thru Service
Restaurant with Indoor Operation
Retail Store
Satellite Dish Antenna
Signs, Commercial Free-Standing
Tavern/Bar/Pub with Indoor Operation

Temporary Construction Trailer
Theater, Small
Transportation Facility
Utility Minor
Vehicle Charging Station
Vehicle Service

6) Special Uses (*Special Uses* requirements may be found in Section 20 of this Ordinance).

Adult-Oriented Retail Establishment
Commercial Outdoor Amphitheater
Commercial Outdoor Recreation
Facility
Commercial Waterfront Facility
Gas/Service Station
Golf Driving Range
Hazardous Material Storage
Kennel, Indoor/Outdoor Operation
Manufacturing, Light
Marina
Microbrewery
Microdistillery

Mini-Storage
Mixed Use
Outdoor Amphitheater, Public
Outdoor Storage
Preschool
Restaurant with Outdoor Operation
School, K-12
School, Post-Secondary
Tavern/Bar/Pub with Outdoor Operation
Theater, Large
Utility Facility
Wholesale Establishment

Future Land Use Map

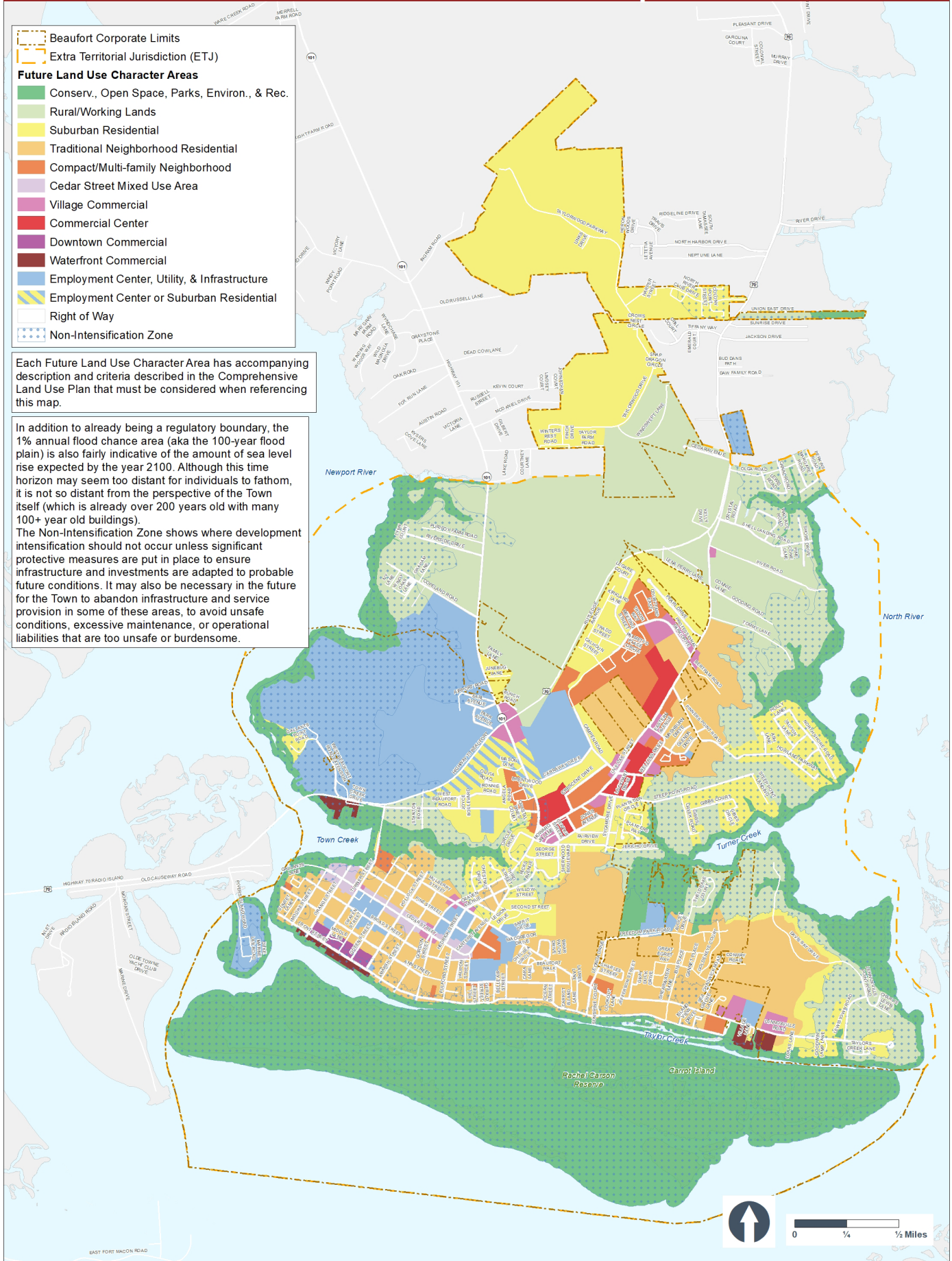
Beaufort Corporate Limits
Extra Territorial Jurisdiction (ETJ)

Future Land Use Character Areas

- Conserv., Open Space, Parks, Environ., & Rec.
- Rural/Working Lands
- Suburban Residential
- Traditional Neighborhood Residential
- Compact/Multi-family Neighborhood
- Cedar Street Mixed Use Area
- Village Commercial
- Commercial Center
- Downtown Commercial
- Waterfront Commercial
- Employment Center, Utility, & Infrastructure
- Employment Center or Suburban Residential
- Right of Way
- Non-Intensification Zone

Each Future Land Use Character Area has accompanying description and criteria described in the Comprehensive Land Use Plan that must be considered when referencing this map.

In addition to already being a regulatory boundary, the 1% annual flood chance area (aka the 100-year flood plain) is also fairly indicative of the amount of sea level rise expected by the year 2100. Although this time horizon may seem too distant for individuals to fathom, it is not so distant from the perspective of the Town itself (which is already over 200 years old with many 100+ year old buildings).
 The Non-Intensification Zone shows where development intensification should not occur unless significant protective measures are put in place to ensure infrastructure and investments are adapted to probable future conditions. It may also be necessary in the future for the Town to abandon infrastructure and service provision in some of these areas, to avoid unsafe conditions, excessive maintenance, or operational liabilities that are too unsafe or burdensome.

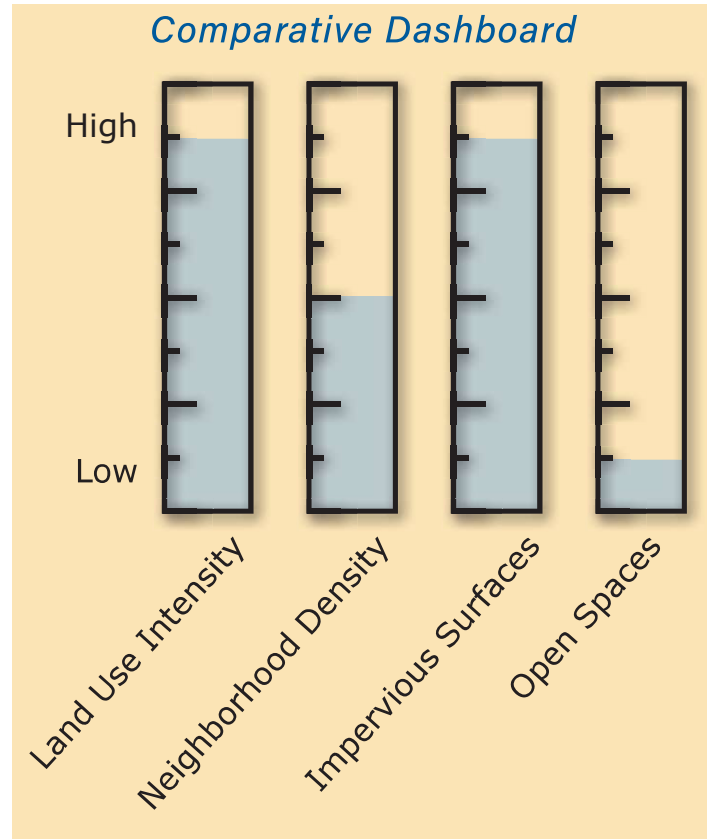


0 ¼ ½ Miles

Commercial Center

General Description:

These areas have large-scale non-residential uses that serve the entire community and larger region. These sites are often occupied or anchored by a large tenant (“big box”) and the development may span the entire block. Often it is a multi-tenant development with outparcels and large swaths of shared parking, but it can have other, more pedestrian-friendly configurations, as well. Buildings are generally set back from the public street and often front on individual or shared parking lots. Some developments may have buildings pulled up to the street, with parking in the rear, especially at busy intersections or in particularly active nodes that are accessible by nearby residents via walking. However, these places are typically automobile-oriented, generate large volumes of traffic, and are not particularly walkable.



EXAMPLE USES:

Typical Uses:

Large footprint, higher intensity, regional commercial, retail, services, or offices, including less pedestrian friendly uses such as vehicle and machinery repair, sales, and rental, lumber yards, commercial nurseries, fast food restaurants, etc. Hotels are also appropriate. Automobile-dependent businesses predominate.

If Context Appropriate:

- Institutional uses (churches, primary or secondary schools, hospital,

government buildings, etc.), provided they do not detract from the overall commercial nature of an area.

- On parcels directly adjacent to this character area, multi-family residential is often appropriate, particularly if it is walkable to nearby businesses. Higher density residential development, whether as detached or attached residential, is usually appropriate within a ¼ mile network walking distance of these areas.
- Upper story dwellings (aka “live/work”) may be appropriate in extremely limited instances.

Commercial Center

Streets and Circulation:

Streets should be (or have easy access to) higher volume streets or highways. Business frontages should have pedestrian connections to each other and to the surrounding sidewalk network, even if walking is not as convenient because of the longer distances. Automobiles are usually prioritized, but pedestrians should not be forgotten. If developments use extensive private drives or have adjacent parking areas, cross-access (automobile and pedestrian) should be required to adjacent non-residential or multi-family residential uses, in order to reduce traffic congestion on the main roads. Due to the high attraction of these centers, there might even be a transit stop nearby one day. Blocks should not exceed 700' feet on a side. If they do, the site may need to be redesigned to accommodate the public street network. Landscaping and proper stormwater management are key to ensuring attractive parking areas that do not contribute to excessive runoff.

Other Concerns:

Maintaining connectivity through these developments and to surrounding and adjacent neighborhoods and parcels is important. Allowing these developments to connect only to the main thoroughfare will contribute to additional traffic congestion as neighboring developments will have to travel the major thoroughfare to enter through the front, instead of having access from the sides and/or rear of the parcel. The connectivity, longevity, and public utility of the public street network must be a top consideration during the development process. Commercial areas are developed and redeveloped, but the right-of-way network established at the subdivision or site plan stage of development defines the built environment into the foreseeable future and beyond.



Examples of Commercial Centers

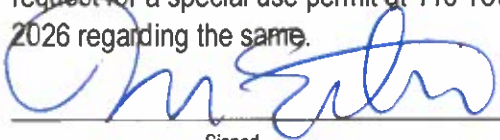


Town of Beaufort
 701 Front St. • P.O. Box 390 • Beaufort, N.C. 28516
 252-728-2142 • 252-728-3982 fax
www.beaufortnc.org

Notification Certification
Case #26-06 110 Towns Drive Abutting Neighbors
Special Use Permit Request

1809 LLC 710 ARENDELL ST MOREHEAD CITY, NC 28557-4278	4 SISTERS-00 LLC PO BOX 1018 MOREHEAD CITY, NC 28557-1018
BOYD SAMUEL GLENN 701 EVANS ST MOREHEAD CITY, NC 28557-4262	BUTTS CAROLINE JANE 226 CLINE WAY BEAUFORT, NC 28516
CATES BUILDING INC C/O CHRISTOPHER E CATES 639 EXECUTIVE PL STE 400 FAYETTEVILLE, NC 28305-5489	CAVINNESS & CATES BUILDING AND DEVELOPMENT COMPANY OF GREENVILLE C/O WATSON G CAVINESS 639 EXECUTIVE PL STE 400 FAYETTEVILLE, NC 28305-5489
CGW INC PO BOX 1018 MOREHEAD CITY, NC 28557-1018	DOUBEK CHRISTOPHER M 224 CLINE WAY BEAUFORT, NC 28516
HARMELINK DALE A ETUX JUDITH 1703-A FRONT STREET BEAUFORT, NC 28516	HICKS-TODD LLC C/O GAYE W MASHBURN PO BOX 1018 MOREHEAD CITY, NC 28557-1018
KAZANJIAN STEPHANIE REGINA 240 CLINE WAY BEAUFORT, NC 28516	NORTHWEST HOLDINGS LLC C/O WENDELL LANTZ 102 SEAVIEW ST BEAUFORT, NC 28516-
ROSEMYR CORPORATION PO BOX 108 HENDERSON, NC 27536	WORCESTER JOHN N III 2441 HIGHWAY 70 BEAUFORT, NC 28516

I, *Michelle Eitner*, Town Planner for the Town of Beaufort do hereby certify the above subject property owners, applicants, and adjacent property owners were notified that a special use permit request will be heard at the May 11, 2026 Board of Commissioners meeting at the Train Depot, 614 Broad Street, Beaufort, NC, at 6:00 p.m. Each of the above property owners was mailed a letter and vicinity map on April 24, 2026, regarding a request for a special use permit at 110 Towns Drive. A sign was posted on the subject property on April 24, 2026 regarding the same.



 Signed

04/24/2026

 Date



STAFF REPORT



To: Board of Commissioners
From: Michelle Eitner, Town Planner
Date: May 11, 2026
Case No. 26-08 Special Use Permit – Beaufort Bar Outdoor Operation at 410 Live Oak Street

THE REQUEST: Approve or deny proposed special use permit to continue outdoor operation at Beaufort Bar at 410-A Live Oak St.

INFORMATION:

Location: 416 Live Oak Street Unit A
Property Owner: Zachos Man LLC (Zach Manousardis)
Zoning District: General Business (B-1) with Live Oak Street Corridor Overlay
LUP Future Land Use: Employment Center, Utility, & Infrastructure
Size: 0.24 acres / 10,560sf
Existing Land Use: Commercial – Indoor/Outdoor Bar
Proposed Land Use: Commercial – Indoor/Outdoor Bar
Adjoining Uses/Zoning: North: Commercial - multiple tenants (B1)
 West: Four Seasons Heating & Air (B-1) and single-family residential (B-1)
 East: Town of Beaufort Public Works (B-1) and Duke Progress Energy Substation (B-1)
 South: No Name Pizza (B-1)
Utilities: Water and wastewater provided by Town

OPTIONS:

1. Approve the special use permit as presented
2. Approve the special use permit with conditions to bring the proposal into compliance with the Required Findings
3. Deny the special use permit based on specific failures to meet requirements
4. Table the request pending additional information necessary to make a decision

EXHIBITS:

- Exhibit A – Staff Report
- Exhibit B – Vicinity Map
- Exhibit C – Zoning Map
- Exhibit D – Application Package (including 2025 Special Use Permit)
- Exhibit E – LDO Section 20 Special Use Permits (Especially Section 20.E.1 Required Findings)
- Exhibit F – LDO Section 9.C. B-1 General Business District
- Exhibit G – Comprehensive and CAMA Land Use Plan Future Land Use Map & Classification
- Exhibit H – Notification Certification

STAFF COMMENTS:

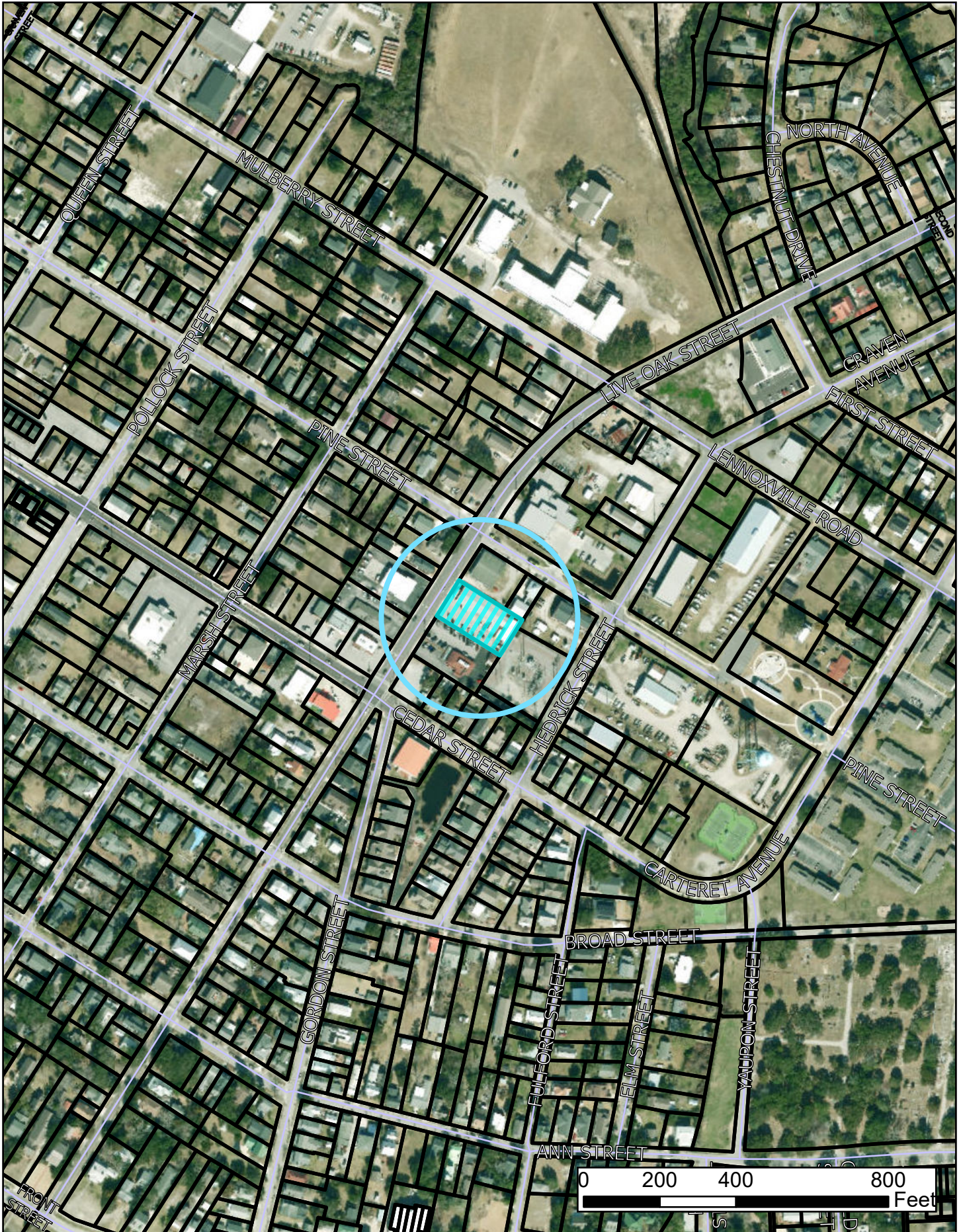
Mike Thagard has applied for a special use permit to continue outdoor operation of Beaufort Bar at 410-A Live Oak Street. Beaufort Bar was established in July 2024, which is an indoor tavern/bar/pub and as such is a permitted use in the General Business (B-1) zoning district. The applicant was granted a special use permit to add outdoor operation to Beaufort Bar in 2025, which was granted for a period of twelve months and will expire on July 14, 2026. This special use permit application requests continuation of the outdoor operation beyond the current sunset date.

Upon approval of last year's special use permit, the applicant complied with the requirement to construct a six-foot tall fence surrounding the outdoor area in addition to the proposed roof structure.

The Technical Review Committee provided comments virtually on March 26th. Public Works, Utilities, Engineering, and Fire departments had no comments or proposed conditions for the continuation of the outdoor operation of Beaufort Bar. The Police Chief identified, "Since June 2025, we have had only 2 reports of loud music coming from the establishment (6/27/25 and 11/5/25) which were immediately rectified upon request. I have no additional conditions to request." The special use permit appears to be compliant with applicable regulations at this time and continuation of the use is recommended.

The Planning Board reviewed this request during their meeting on April 20th and unanimously recommended the request for approval as presented.

Case 26-08 SUP Beaufort Bar Outdoor Operation at 410 Live Oak St Vicinity Map



Case 26-08 SUP Beaufort Bar Outdoor Operation at 410 Live Oak St. Zoning Map





APPLICATION FOR A SPECIAL USE PERMIT

Instructions:

Please complete the form below including all required attachments, a **\$400.00 application fee**, and return to the Beaufort Town Hall; 701 Front Street; P.O. Box 390; Beaufort, N.C.; 28516. Incomplete applications will not be processed but will be returned to the applicant. Please call Planning and Inspections at (252) 728-2142 if there are any questions.

APPLICANT INFORMATION

Applicant Name: Beaufort Bar / Michael Thagard

Applicant Address: 410 Live Oak St. Beaufort NC 28516

Phone Number: 252 732 5919 Email: ncbeaufortbar@gmail.com

Property Owner Name: Zacharias Manousaridis

Address of Property Owner: 3511 Country Club Rd. Morehead City NC 28557

Phone Number: 252-725-4405 Email: zakos123@yahoo.com

PROPERTY INFORMATION

Property Address: 410 Live Oak St. ~~Beaufort~~ Unit A, Beaufort NC 28516

15-Digit PIN: 730618402514000 Lot/Block #: _____

Size of Property (in square feet or acres): 6490 sq ft Current Zoning: B-1

Current Use of Property: Bar w/ outdoor operation Requested Use: continued Bar w/ outdoor operation

An application fee of **\$400.00**, either in cash, money order, or check made payable to the "Town of Beaufort" must accompany this application (a credit card payment can be made in person at Town Hall). The complete application, payment, and supporting materials must be received by Town Staff at least 15 working days prior to a regularly scheduled Planning Board meeting date.

Please refer to the Town's **Land Development Ordinance**, Sections 20 & 27, and all other pertinent sections of the Ordinance for information required to accompany this application. Any plans or documents submitted should be submitted in an electronic or digital format and one printed color copy of such documents submitted with the application.

The town's website address is www.beaufortnc.org.

Applicant Signature _____

3/25/26
Date of Applicant's Signature

Property Owner Signature (if different than above) _____

3-25-26
Date of Owner's Signature

OFFICE USE ONLY

Revised 8/2020

Date: _____

Reviewed for Completeness By: _____

Received by: _____

Date Deemed Complete and Accepted: _____

- a) The proposed use is an allowable special use in the zoning district it is being located within;**
- a. Beaufort Bar located at 410 Live Oak Street, Beaufort NC 28516 is zoned B-1, in the General Business District. The General Business District is established as the district in which a wide variety of sales and service facilities may be provided to the general public. In the B-1 General Business District, the permitted uses include Tavern/Bar/Pub with Indoor Operation as well as special uses for Tavern/Bar/Pub with Outdoor Operation.
- b) The application is complete;**
- c) The location and character of the use will be in conformity with the Town's Comprehensive and CAMA Land Use Plan and other comprehensive planning elements;**
- a. The Town of Beaufort's Existing Land Use Map shows Beaufort Bar's address to be in Commercial, Office, Service and Mixed' use area. Commercial land use designation was applied to any property where commerce such as service, retail, sales, or office work is the primary use. This includes hotels, stores, medical offices, marinas, boat slips, and small office buildings. This is less than 4% of the total acreage. Future Land Use map shows Beaufort Bar's address to be in the Employment Center, Utility, and infrastructure area. With Beaufort Bar being a business, that's not in a neighborhood, has no open spaces surrounding the address, and is prime for high intensity, it is able to have the special use of outdoor operation. The Beaufort Bars proposed plan supports the towns Small Area Plan with a social and attractive space that is walkable and bicycle friendly, also supporting the Bicycle/Pedestrian Plan. The existing zoning as B-1 and the towns proposed future land use plan has zoning as general commercial.
- d) Streets, driveways, parking lots, traffic control, and any other traffic circulation features shall be designed and provided in accordance with current traffic engineering standards and Town regulations and found to be adequate for the proposed special use;**
- a. There will be no changes to the streets, driveways, and parking lots, with Beaufort Bars outdoor operation. The area for outdoor operation will include a fence to separate outdoor area and parking lot. The current area for outdoor operation doesn't currently contain any labeled parking so there will be no change to the current parking and traffic circulation. There has been no issues with parking since our opening date of July 5th 2024. Our parking lot is used by 2 other businesses that have little overlapping operating hours. Any

increase in demand from an outside operation would be little to no issue for traffic control and circulation.

e) The proposed special use will not substantially injure the value of adjoining or abutting properties;

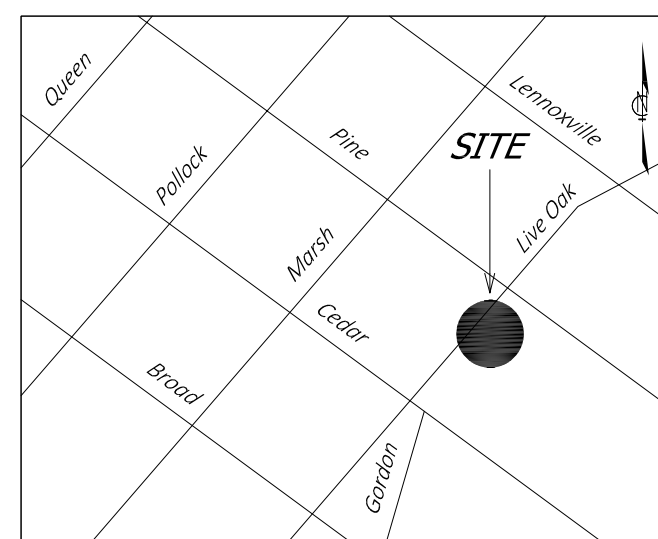
- a. The outdoor operation is designed in a way that enhances the visual appeal of the property rather than detracts from it. There will be clean and decorative design with some enhancing lighting and materials to give the area a more vibrant and appealing streetscape, potentially even increasing property values in the area. Outdoor operations are often seen as amenities that can enhance the attractiveness of a business, leading to more customers and visitors. Increased foot traffic to Beaufort Bar can support nearby businesses and help revitalize the area, potentially benefiting surrounding property owners. A lively, well-designed outdoor space can make the area more desirable, potentially attracting higher-value businesses or customers, and thereby increasing the overall value of neighboring properties.

f) The proposed special use will be compatible and in harmony with adjoining land uses and the development patterns of the immediate area; and,

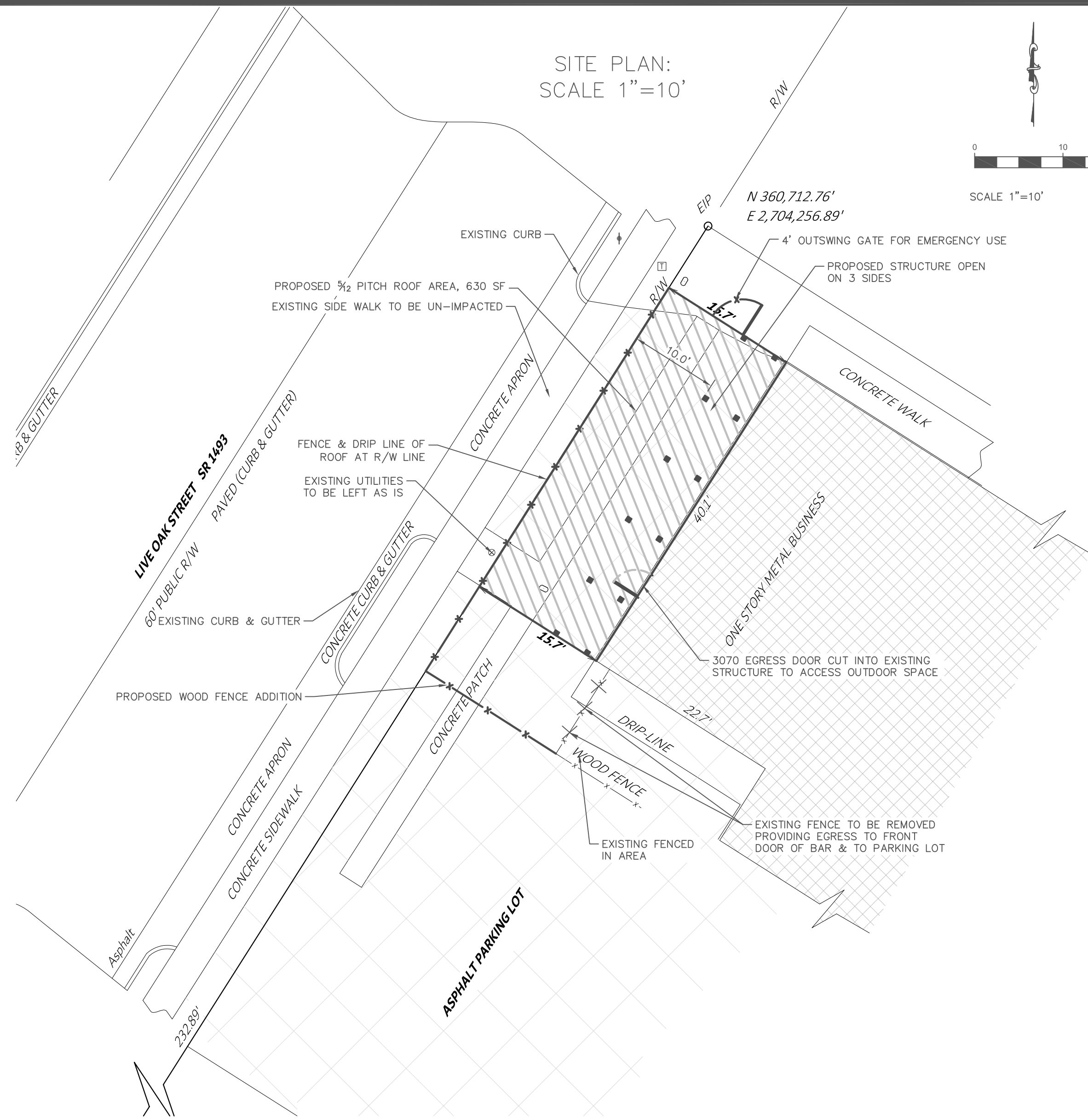
- a. Beaufort Bar is situated within a commercial district with restaurants and other commercial businesses. The proposed outdoor operation aligns with the surrounding land use, which can support activities such as dining and outdoor seating. Since the surrounding area is already developed for commercial purposes, an outdoor patio is an appropriate use that is consistent with the neighborhood's character.

g) The proposed use will not materially endanger the public health or safety of the community if located where proposed and developed according to the submitted and approved plan.

- a. The outdoor operation space will comply with all safety codes, including fire regulations, sanitation, and proper waste management. A well-maintained, safe, and hygienic space will further ensure that there are no health or safety concerns that would negatively impact surrounding properties.



VICINITY SKETCH
NTS



SITE PLAN:
SCALE 1"=10'

SCALE 1"=10'

LEGEND

- R/W RIGHT OF WAY
- EIP EXISTING IRON PIPE
- EIS EXISTING IRON STAKE (RE-BAR)
- EOP EDGE OF PAVEMENT
- WM WATER METER
- WV WATER VALVE
- TEP TELEPHONE PEDESTAL
- UP UTILITY POLE
- PT PRESSURE TREATED

THIS PLAN IS THE PROPERTY OF AMP'D ENGINEERING, PLLC, AND MAY NOT BE USED OR REPRODUCED WITHOUT THEIR PERMISSION. DESIGNER ASSUMES NO LIABILITY FOR ANY CONSTRUCTION FROM THIS PLAN. CONTRACTOR MUST VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH CONSTRUCTION. CAUTION MUST BE EXERCISED IN MAKING ANY CHANGES IN THIS PLAN, ONLY THE ENGINEER SHOULD ATTEMPT MODIFICATIONS. IT IS THE DUTY OF THE CONTRACTOR TO VERIFY ALL PERMITS ARE APPROVED, APPROVED PLANS BEING USED AND EXISTING CONDITIONS MATCH PLAN.

GENERAL NOTES:

1. CONSTRUCTION TO BEGIN ONLY AFTER ALL PERMITS HAVE BEEN ISSUED BY THE TOWN OF BEAUFORT.
2. PROPOSED COVERED PATIO AREA TO EXTEND FROM EXISTING STRUCTURE TO THE R/W. ALL SUPPORT PILINGS TO REMAIN 10' FROM R/W.
3. PROPERTY INFORMATION:
 - 3.1. DEED REF 1717-266 4/15/2021
 - 3.2. PLAT REF MM-511
4. THE PROPERTY IS WITHIN THE LOWER LIVE OAK STREET CORRIDOR OVERLAY DISTRICT, B-1 ZONING.
5. THE SPECIAL USE PERMIT DESIRED IS FOR OUTDOOR BAR USE.
6. SURVEY AND EXISTING CONDITIONS DATA PROVIDED BY KR BAREFOOT SURVEYING DATED MARCH 3, 2025.
7. AREA DISTURBED ONLY PROPOSED THAT OF THE FENCED IN AREA OUTSIDE OF PROPOSED DRIP LINE OF ROOF AND UNDER DRIP LINE, 828 SF.
8. EXISTING AREA WHERE PROJECT IS PROPOSED CURRENTLY IS ALL IMPERVIOUS, CONCRETE OR ASPHALT COVERS AREA. CONCRETE WILL BE PLACED BACK IN AREA UNDER ROOF AREA AND WITHIN FENCED IN AREA.



AMP'D ENGINEERING, PLLC
FIRM LICENSE NO P-1532
PO BOX 4580
EMERALD ISLE, NC 28594
athan.parker@ampdengineering.com
252-777-0141

PROJECT AREAS:

PROPOSED ROOF: 630 SF
FENCED AREA: 828 SF

OWNER:
ZACHOS MAN, LLC
408 LIVE OAK ST
BEAUFORT, NC 28516

DEVELOPER/APPLICANT:
BEAUFORT BAR
MICHAEL THAGARD
2629 LENNOXVILLE RD
BEAUFORT, NC 28516
252-732-5919

BEAUFORT BAR
PROPOSED COVERED
OUTDOOR PATIO TO SERVE
THE BEAUFORT BAR
410 LIVE OAK ST
UNIT A
BEAUFORT, NC

DATE: 4/3/2025

REV:	DATE:
ADD DETAIL FOR APPLICATION	4/17/2025
TRC COMMENTS	5/1/2025

SHEET:

SITE PLAN &
BUILDING PLAN

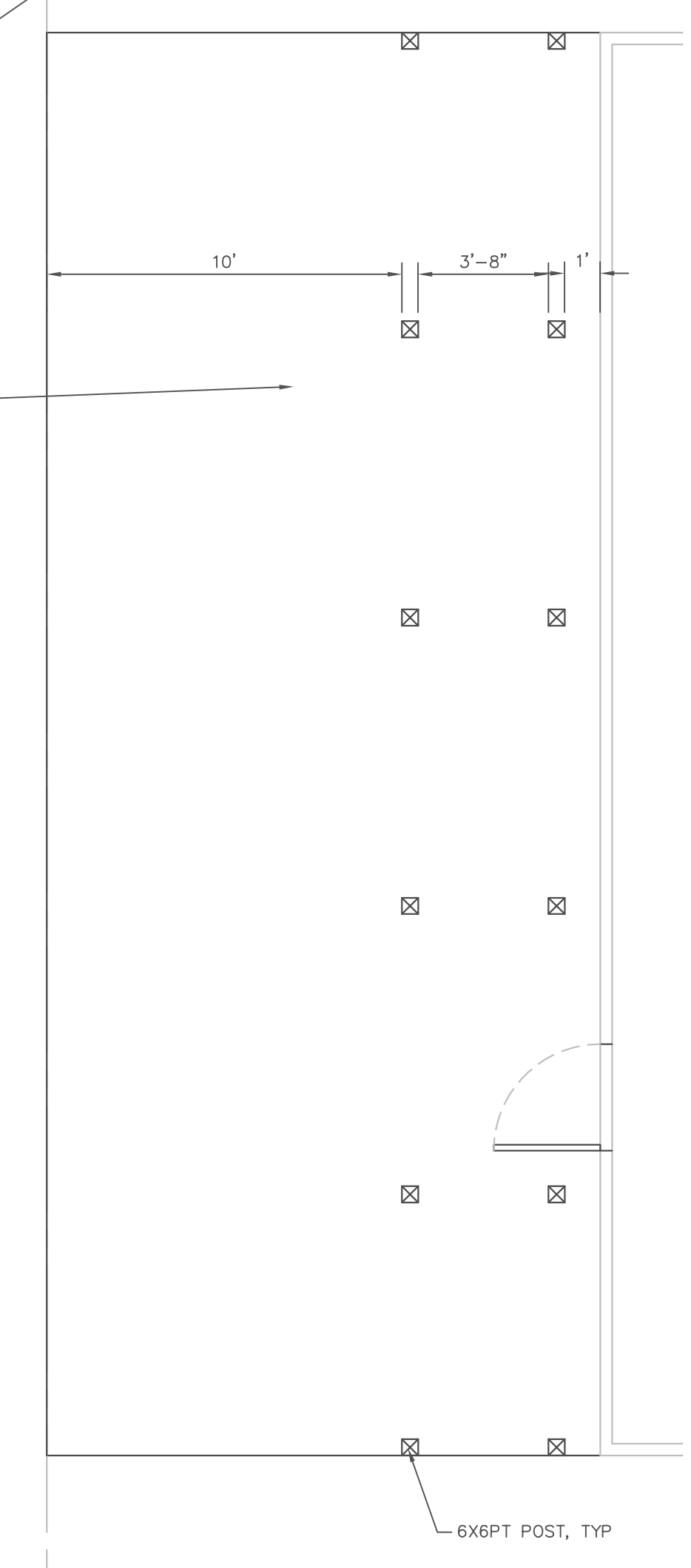
SHEET NUMBER:

1 OF 1

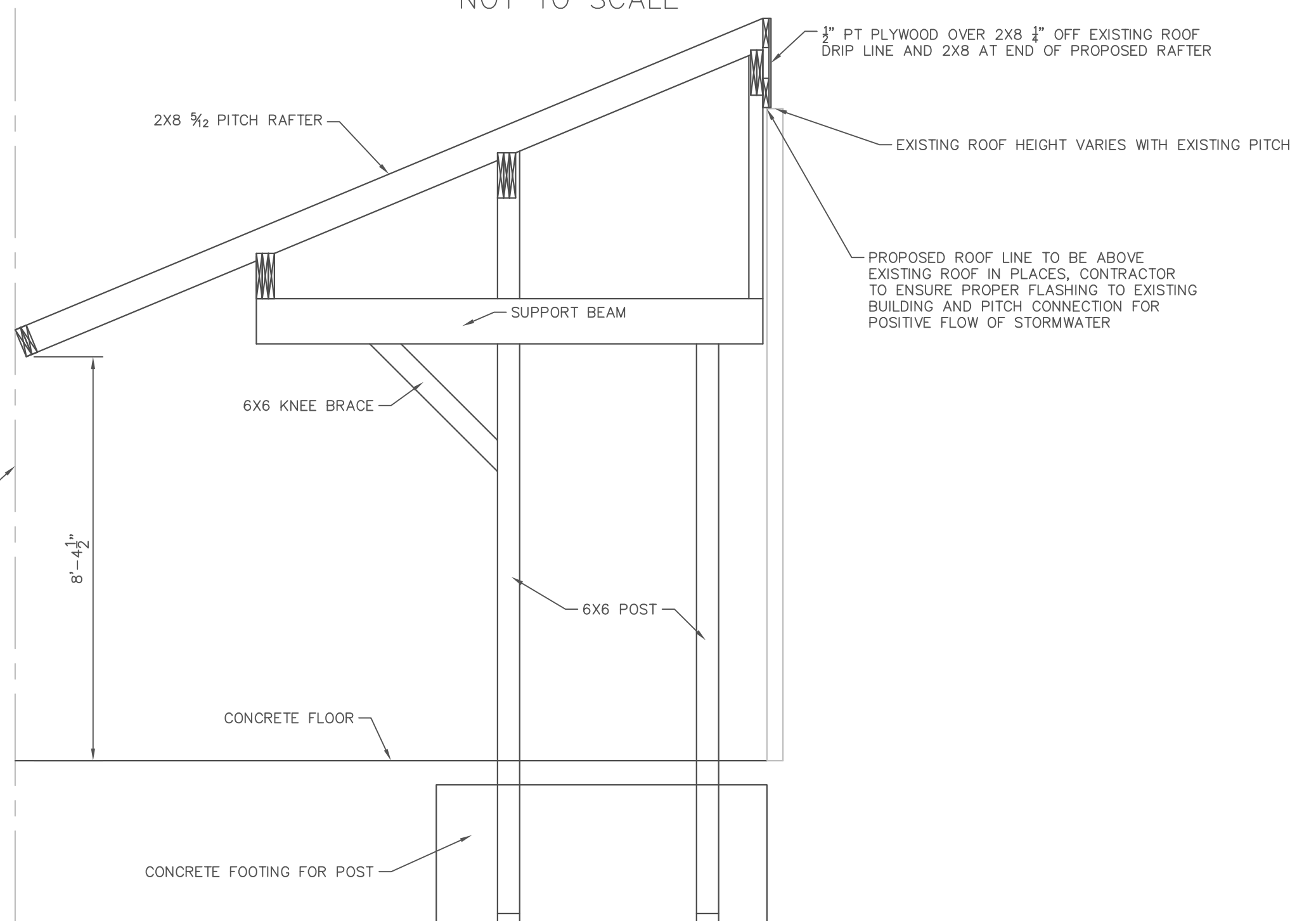
PROPOSED STRUCTURE
PLAN VIEW:
SCALE 1/4"=1'

R/W LINE, DRIP EDGE TO STOP AT
R/W EXTENDED VERTICALLY, NO
ENCROACHMENT INTO R/W PROPOSED

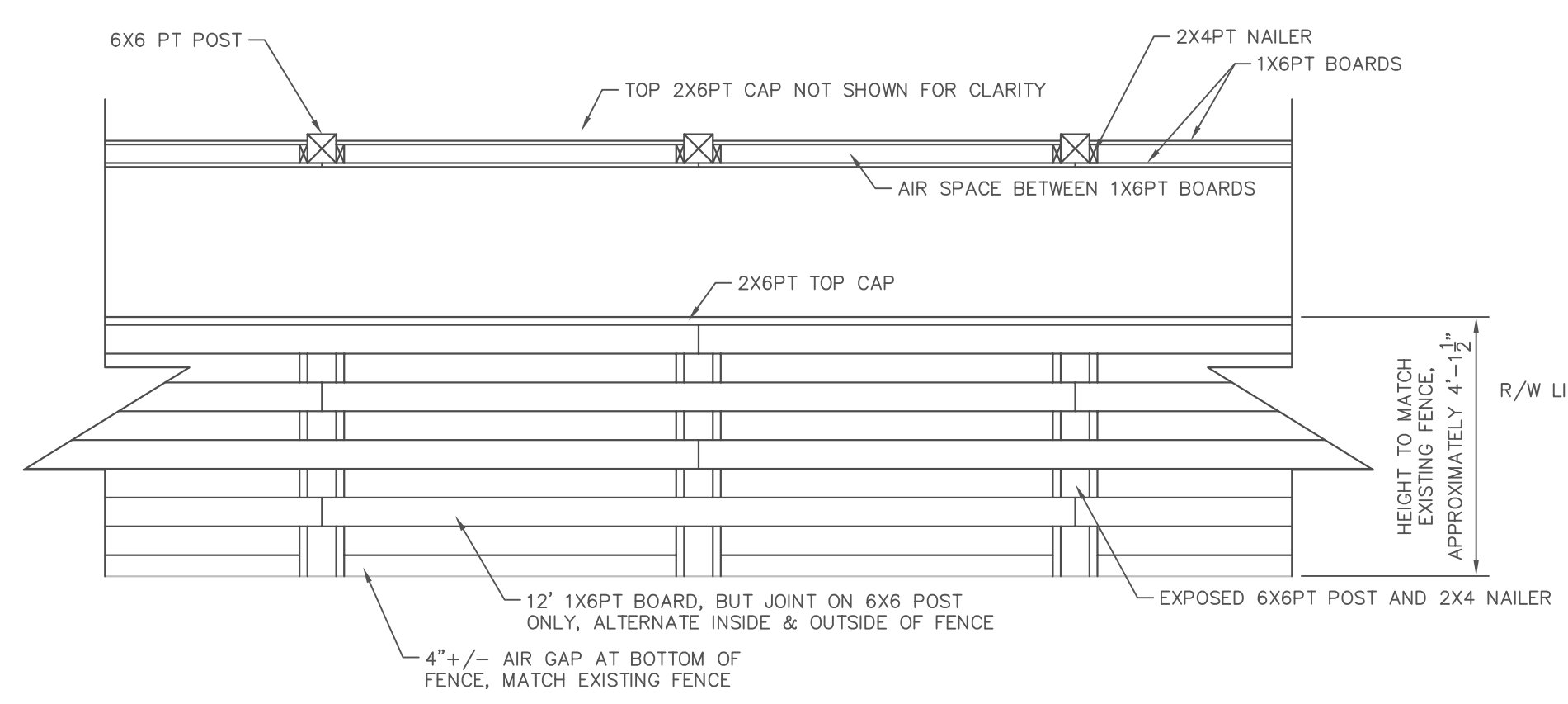
COVERED PORCH AREA
WITH 1/2" ROOF PITCH



PROPOSED STRUCTURE
PROFILE VIEW:
NOT TO SCALE



PROPOSED FENCE
DETAIL:
NOT TO SCALE





**TOWN OF BEAUFORT
ORDER APPROVING A SPECIAL USE PERMIT**

The Board of Commissioners for the Town of Beaufort, having held an evidentiary hearing on June 9, 2025, to consider Case # 25-09, submitted by Michael Thagard, a request to add outdoor operation to the “Beaufort Bar”, an existing indoor bar at 410-A Live Oak Street in the General Business (B-1) zoning district, and having heard all of the evidence and arguments presented at the hearing, makes the following **FINDINGS OF FACT** and draws the following **CONCLUSIONS**:

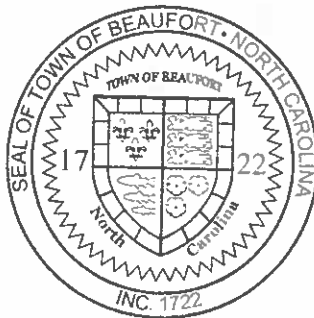
In accordance with Section 20 of the Town’s Land Development Ordinance, the Board **FINDS** as follows:
a) The proposed use is an allowable special use in the zoning district it is being located within; b) The application is complete; c) the location and character of the use will be in conformity with the Town’s Comprehensive and CAMA Land Use Plan and other comprehensive planning elements; d) Streets, driveways, parking lots, traffic control, and any other traffic circulation features shall be designed and provided in accordance with current traffic engineering standards and Town regulations and found to be adequate for the proposed special use; e) The proposed special use will not substantially injure the value of adjoining or abutting properties; f) The proposed special use will be compatible and in harmony with adjoining land uses and the development patterns of the immediate area; and, g) The proposed use will not materially endanger the public health or safety of the community if located where proposed and developed according to the submitted and approved plan.

Therefore, on the basis of all the foregoing, **IT IS ORDERED** that the application for a **SPECIAL USE PERMIT** be **APPROVED TO ALLOW A TAVERN/BAR/PUB WITH INDOOR AND OUTDOOR OPERATION AT 410-A LIVE OAK STREET FOR A PERIOD OF TWELVE MONTHS FOLLOWING VALIDATION OF THIS SPECIAL USE PERMIT, WITH THE FOLLOWING CONDITIONS**:

- The Special Use Permit hereby issued shall expire and be of no further force and effect at 11:59 am on July 14, 2026;
- A six-foot tall fence must be erected surrounding the outdoor area to aid in noise attenuation.

Ordered this 14th day of July, 2025.

Elizabeth Lewis,
Clerk to the Board

Sharon E. Harker, Mayor

SECTION 20 Special Use Permits

A) General.

Special uses are practices which are not permitted by right in any zoning district in the Town but may only be granted after due consideration by the BOC. The consideration of a special use application is a quasi-judicial function to be conducted in accordance with the procedure set forth in Section 32, Quasi-Judicial Procedure. Special use permits may only be granted by the BOC following a recommendation by the Planning Board and the completion of the quasi-judicial review process by the BOC as outlined in Section 32.

A Special Use Permit is a permit issued to authorize development or land uses in a particular zoning district upon presentation of competent, material, and substantial evidence establishing compliance with one or more general standards requiring that judgment and discretion be exercised as well as compliance with specific standards.

B) Special Use Permit Application Procedures.

- 1) A written application for a special use permit in all zones shall be submitted to the Town's Planning and Inspections Department in accordance with the requirements of Section 1 and Section 31 of this Ordinance and all applicable administrative regulations. The application shall include:
 - a) A proposed use site plan which contains information documented in Section 18(C) of this Ordinance and the specific information below:
 - i) A vicinity map and survey of the parcel which shall include the zoning and use of all adjacent properties;
 - ii) A legend identifying all symbols on the map;
 - iii) A North arrow and a scale;
 - iv) A preliminary design of the proposed use which shows all existing and proposed structures, parking layouts, driveways, buffering, landscaping, points of ingress and egress, easements, minimum building lines, and street rights-of-way;
 - v) A site data block of features which includes the proposed use(s), square footage of the proposed and existing structure(s), site zoning, total acreage, number of lots, minimum lot size, and average lot size;
 - vi) The map book, page number, and deed book information;
 - vii) A note stating whether any portion of the property is included in any adopted Town plan; and,
 - viii) Any other related information requested by Town staff, the Planning Board, or the BOC.
 - ix) All required environmental permit improvements needed for the property.
 - b) The special use permit sought; and,
 - c) Information supporting the existence of the required findings, and providing such plans or other relevant data as may be required by the Town.

- 2) Whenever an application is submitted for a special use permit in a residential zone, the applicant shall also include:
 - a) A narrative which illustrates the appropriateness of the proposed use in a residential zone. This narrative shall also describe all the architectural design features which make the proposed use and associated building compatible with the urban character of the residential neighborhood;
 - b) The submitted site plan shall also include all street front architectural elevation drawings to ensure the compatibility of the building(s) with the surrounding residential structures; and,
 - c) Additionally, the BOC and Town staff may require a professional rendering or any other graphic illustration of the proposed structure.
- 3) The application shall be reviewed by Town staff and submitted with comments and recommendation to the Planning Board for review. The Planning Board shall review the application for a special use permit and make a recommendation as to whether it should be approved or denied. After the Planning Board makes its recommendation, the application shall be forwarded to the BOC for consideration.

C) *Quasi-Judicial Proceeding Notification Requirements.*

The Planning Board will review and make recommendations regarding all applications for a special use permit. The BOC shall schedule a quasi-judicial proceeding for the application and BOC consideration after reasonable opportunity for staff and Planning Board review. In considering the application, the BOC shall follow the procedures set forth in Section 32, Quasi-Judicial Procedure.

D) *Procedures on Special Use Applications.*

In considering whether to approve an application for a special use permit, the BOC shall proceed as follows:

- 1) The BOC shall conduct an evidentiary hearing in accordance with the provisions of Section 32, Quasi-Judicial Procedure, herein. And consider relevant information regarding whether the required findings under Section 20(E) exist and whether the special use is appropriate in the proposed location.
- 2) The BOC shall consider whether the application complies with each individual required finding specified in Section 20(E). The BOC need not make the required findings at the time of the hearing and may vote to table the matter and request information if needed. If the special use permit application is approved, the BOC motion shall contain language showing all the required findings under Section 20(E) have been met, and in the absence of specific findings, it shall be conclusively presumed the application complies with all the findings in Section 20(E).
- 3) The BOC shall render a decision within a reasonable period of time not to exceed ninety days after holding the evidentiary hearing for the proposed special use application. The BOC need not issue a decision at the time of the hearing if additional information is needed and may table the matter until a later date.
- 4) If the application is found not to be in compliance with one or more of the required findings of Section 20(E) or any other applicable section of this Ordinance, the application shall be denied. Such motion shall specify the particular findings the application fails to meet.

- 5) Notwithstanding the specific requirements of this Ordinance, the BOC may impose additional conditions and reasonable requirements upon the requested special use permit in order to ensure the use is consistent with the required findings as specified under Section 20(E).
- 6) The BOC shall render its decision on the special use permit application, in writing, in accordance with the provisions of Section 32 herein.

E) *Required Findings.*

- 1) In addition to any other findings or requirements as specified by any other section of this Ordinance, before any application for a special use may be granted or denied, the BOC shall make each of the following findings:
 - a) The proposed use is an allowable special use in the zoning district it is being located within;
 - b) The application is complete;
 - c) The location and character of the use will be in conformity with the Town's Comprehensive and CAMA Land Use Plan and other comprehensive planning elements;
 - d) Streets, driveways, parking lots, traffic control, and any other traffic circulation features shall be designed and provided in accordance with current traffic engineering standards and Town regulations and found to be adequate for the proposed special use;
 - e) The proposed special use will not substantially injure the value of adjoining or abutting properties;
 - f) The proposed special use will be compatible and in harmony with adjoining land uses and the development patterns of the immediate area; and,
 - g) The proposed use will not materially endanger the public health or safety of the community if located where proposed and developed according to the submitted and approved plan.
- 2) The BOC shall make its findings based on "competent, material and substantial evidence" as described in N.C. Gen. Stat. §160D-406 in accordance with the procedures set forth in Section 32 herein.
- 3) Compatibility Standards for Special Uses in Residential Zones:
In deciding whether the architectural elements of the proposed special use in a residential zone will be compatible with the adjoining buildings, the BOC shall review said proposal in reference to the following architectural elements:
 - a) Size (footprint);
 - b) Height;
 - c) Proportion and scale;
 - d) Roof shape(s);
 - e) Setbacks;
 - f) Location, size, and number of openings (doors and windows);
 - g) Materials;
 - h) Color; and,
 - i) Texture.

C) ***B-1 General Business District.***

The General Business District is established as the zoning district in which a wide variety of sales and service facilities may be provided to the general public. This district will be located throughout the Town's planning and development regulation jurisdiction.

1) Minimum Lot Size.

All lots in the B-1 district shall be a minimum of five thousand square feet (5,000 ft²).

2) Minimum Lot Width.

All lots in the B-1 district shall have a minimum lot width of sixty feet (60') at the minimum building line.

3) Building Setback and Building Height Requirements and Limitations.

Subject to the exceptions allowed in this Ordinance, each structure on a lot in this zoning district shall be set back from the boundary lines of the lot at least the distances provided in the tables set forth in this section. The building height limitation in this district is provided in the tables set forth in this section.

Table 9-5 Lot Requirements

<i>District</i>	<i>Front Setback (Right-of-Way)</i>	<i>Rear Setback</i>	<i>Side Setback</i>	<i>Building Height Limitation</i>
B-1	30 feet	15 feet	15 feet	40 feet

4) Accessory Building Setback Requirements.

All accessory buildings shall comply with all setback provisions of this Ordinance, including but not limited to Section 2(F), Section 6 and Section 15 of this Ordinance.

5) Permitted Uses.

- | | |
|--|--|
| Amusement Establishment | Liquor Store |
| Antenna Co-Location on Existing Tower | Moped/Golf Cart Sales/Rentals |
| Aquaculture | Mortuary/Funeral Home/Crematorium |
| Assisted Living | Motor Vehicle Sales/Rentals |
| Athletic Field, Public | Museum |
| Bed & Breakfast | |
| Boat Sales/Rentals | Neighborhood Recreation Center, |
| Car Wash | Public |
| Club, Lodge, or Hall | Nursing Home |
| Commercial Indoor Recreation Facility | Office: Business, Professional, or Medical |
| Community Garden | Other Building-Mounted Antennae & |
| Concealed (Stealth) Antennae & Towers | Towers |
| Convenience Store | Outdoor Retail Display/Sales |
| Day Care Center | Park, Public |
| Dock | Parking Lot |
| Dry Boat Storage | Parking Structure |
| Financial Institution | Personal Service Establishment |
| Government/Non-Profit Owned/
Operated Facilities & Services | Pool Hall or Billiard Hall |
| Hospital | Produce Stand/Farmers' Market |
| Hotel or Motel | Public Safety Station |
| Kennel, Indoor Operation Only | Public Utility Facility |
| Library | Religious Institution |
| | Resource Conservation Area |

Land Development Ordinance for the Town of Beaufort

Restaurant with Drive-Thru Service
Restaurant with Indoor Operation
Retail Store
Satellite Dish Antenna
Signs, Commercial Free-Standing
Tavern/Bar/Pub with Indoor Operation

Temporary Construction Trailer
Theater, Small
Transportation Facility
Utility Minor
Vehicle Charging Station
Vehicle Service

6) Special Uses (*Special Uses* requirements may be found in Section 20 of this Ordinance).

Adult-Oriented Retail Establishment
Commercial Outdoor Amphitheater
Commercial Outdoor Recreation
Facility
Commercial Waterfront Facility
Gas/Service Station
Golf Driving Range
Hazardous Material Storage
Kennel, Indoor/Outdoor Operation
Manufacturing, Light
Marina
Microbrewery
Microdistillery

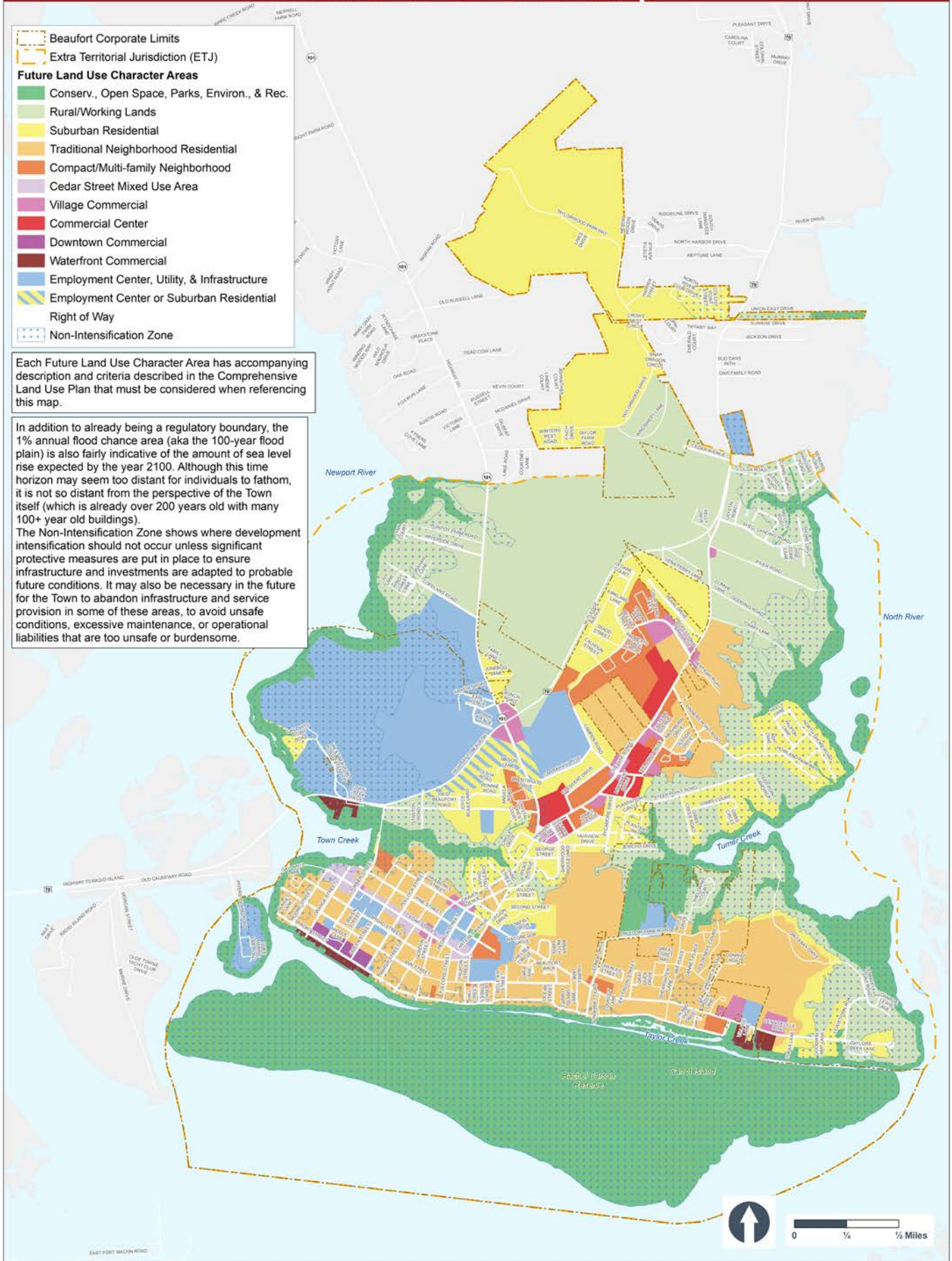
Mini-Storage
Mixed Use
Outdoor Amphitheater, Public
Outdoor Storage
Preschool
Restaurant with Outdoor Operation
School, K-12
School, Post-Secondary
Tavern/Bar/Pub with Outdoor Operation
Theater, Large
Utility Facility
Wholesale Establishment

Future Land Use Map

-  Beaufort Corporate Limits
-  Extra Territorial Jurisdiction (ETJ)
- Future Land Use Character Areas**
-  Conserv., Open Space, Parks, Environ., & Rec.
-  Rural/Working Lands
-  Suburban Residential
-  Traditional Neighborhood Residential
-  Compact/Multi-family Neighborhood
-  Cedar Street Mixed Use Area
-  Village Commercial
-  Commercial Center
-  Downtown Commercial
-  Waterfront Commercial
-  Employment Center, Utility, & Infrastructure
-  Employment Center or Suburban Residential
-  Right of Way
-  Non-Intensification Zone

Each Future Land Use Character Area has accompanying description and criteria described in the Comprehensive Land Use Plan that must be considered when referencing this map.

In addition to already being a regulatory boundary, the 1% annual flood chance area (aka the 100-year flood plain) is also fairly indicative of the amount of sea level rise expected by the year 2100. Although this time horizon may seem too distant for individuals to fathom, it is not so distant from the perspective of the Town itself (which is already over 200 years old with many 100+ year old buildings).
 The Non-Intensification Zone shows where development intensification should not occur unless significant protective measures are put in place to ensure infrastructure and investments are adapted to probable future conditions. It may also be necessary in the future for the Town to abandon infrastructure and service provision in some of these areas, to avoid unsafe conditions, excessive maintenance, or operational liabilities that are too unsafe or burdensome.



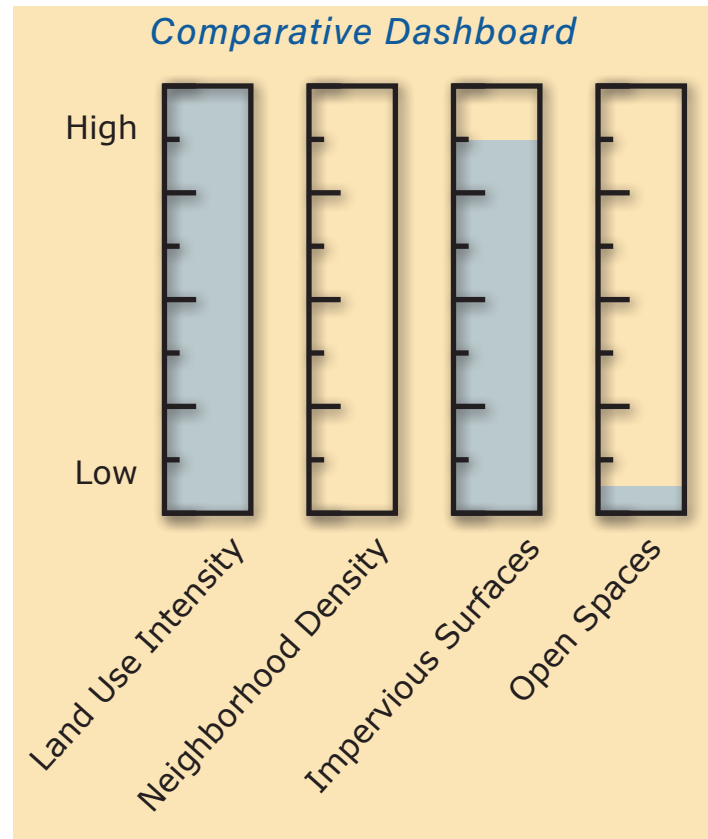
Employment Center / Utility / Infrastructure

General Description:

These employment-supporting land uses provide jobs and centers for economic growth. In many other Towns, these types of uses are heavily screened or separated from different uses, but in Beaufort they are typically pre-existing and/or are already closely located to neighboring structures. These areas should not be allowed to develop for lower intensity uses to infiltrate, since this type of land usually already has the unique combination of factors needed to support these higher intensity uses, and the value to the community of these larger employment-generating uses is significant.

Streets and Circulation:

Because these uses have requirements that are often specific to the occupant, care should be taken at development to



EXAMPLE USES:

Typical Uses:

Offices, manufacturing, fabrication, and industrial uses, lumber yards or high intensity contractor's offices, breweries and distilleries, transportation, logistics, and warehousing. Industrial-supportive commercial uses, such as wholesale operations. Larger institutional uses, such as hospitals or technical colleges involving industrial uses, but excluding non-intensive uses such as churches and primary and secondary schools.

If Context Appropriate:

- » Institutional operations (government maintenance buildings, etc.), provided they

do not detract from the overall commercial nature of an area.

- » Some outside industrial operations may be permissible, depending on location and the extent of external impacts. Otherwise, indoor operations are preferable.
- » Lay-down yards and outdoor storage of heavy equipment or materials.
- » Storage of hazardous materials should only occur outside of areas susceptible to flooding. Best practices would exclude more than just areas in the 100-year floodplain to ensure the risk of environmental pollution is tightly managed.

Employment Center / Utility/Infrastructure

maintain efficient traffic flow and cross access, while also respecting occupant needs. Automobiles and freight are prioritized over pedestrians, although pedestrian linkages may still be necessary in some locations. Streets are designed to accommodate larger vehicles and delivery trucks. Typically, blocks should not need to exceed 500' to 600', but in some locations (such as the old Atlantic Veneer campus) these areas have grown through the years with much larger block sizes.

Other Concerns:

With the ever-present high demand for residential properties in coastal communities, it is difficult to argue against old industrial or manufacturing properties converting to residential neighborhoods. This is especially difficult if buildings are vacant and there is limited demand for manufacturing business space. However, it is important to realize that once these industrially-suited areas are lost they will likely never return. This may be tolerable and/or even appropriate, based on the specific situation, but it is a consideration to be discussed, especially given some community members' desire to diversify the employment base of the community away from a heavy reliance on tourism. If these properties are lost and demand for those uses still exists, it is likely new sites will be developed elsewhere, potentially not in Town limits.



Examples of Employment Center/Utility/Infrastructure



Town of Beaufort
 701 Front St. • P.O. Box 390 • Beaufort, N.C. 28516
 252-728-2142 • 252-728-3982 fax
www.beaufortnc.org

Notification Certification
Case #26-08 410 Live Oak Abutting Neighbors
Special Use Permit Request

TOWN OF BEAUFORT 701 FRONT ST BEAUFORT, NC 28516-2229	ZACHOS MAN LLC 408 LIVE OAK ST BEAUFORT, NC 28516-1912
DUKE ENERGY PROGRESS INC 550 TRYON STREET CHARLOTTE, NC 28202-	GARNER EUGENE MAURICE JR 173 JACKSON DR BEAUFORT, NC 28516-7881
SADLER GERRY PO BOX 245 BEAUFORT, NC 28516-	BBH LIVE OAK STREET LLC C/O LAURA B CHAPMAN APEX, NC 27502-8543
GILLIKIN NELSON BRYAN II PO BOX 248 BEAUFORT, NC 28516-0248	WINDOW WALL&INTERIOR DECOR LLC 904 PINE STREET BEAUFORT, NC 28516-2031

I, *Michelle Eitner*, Town Planner for the Town of Beaufort do hereby certify the above subject property owners, applicants, and adjacent property owners were notified that a special use permit request will be heard at the May 11, 2026 Board of Commissioners meeting at the Train Depot, 614 Broad Street, Beaufort, NC, at 6:00 p.m. Each of the above property owners was mailed a letter and vicinity map on April 24, 2026, regarding a request for a special use permit at 410 Live Oak Street. A sign was posted on the subject property on April 24, 2026 regarding the same.

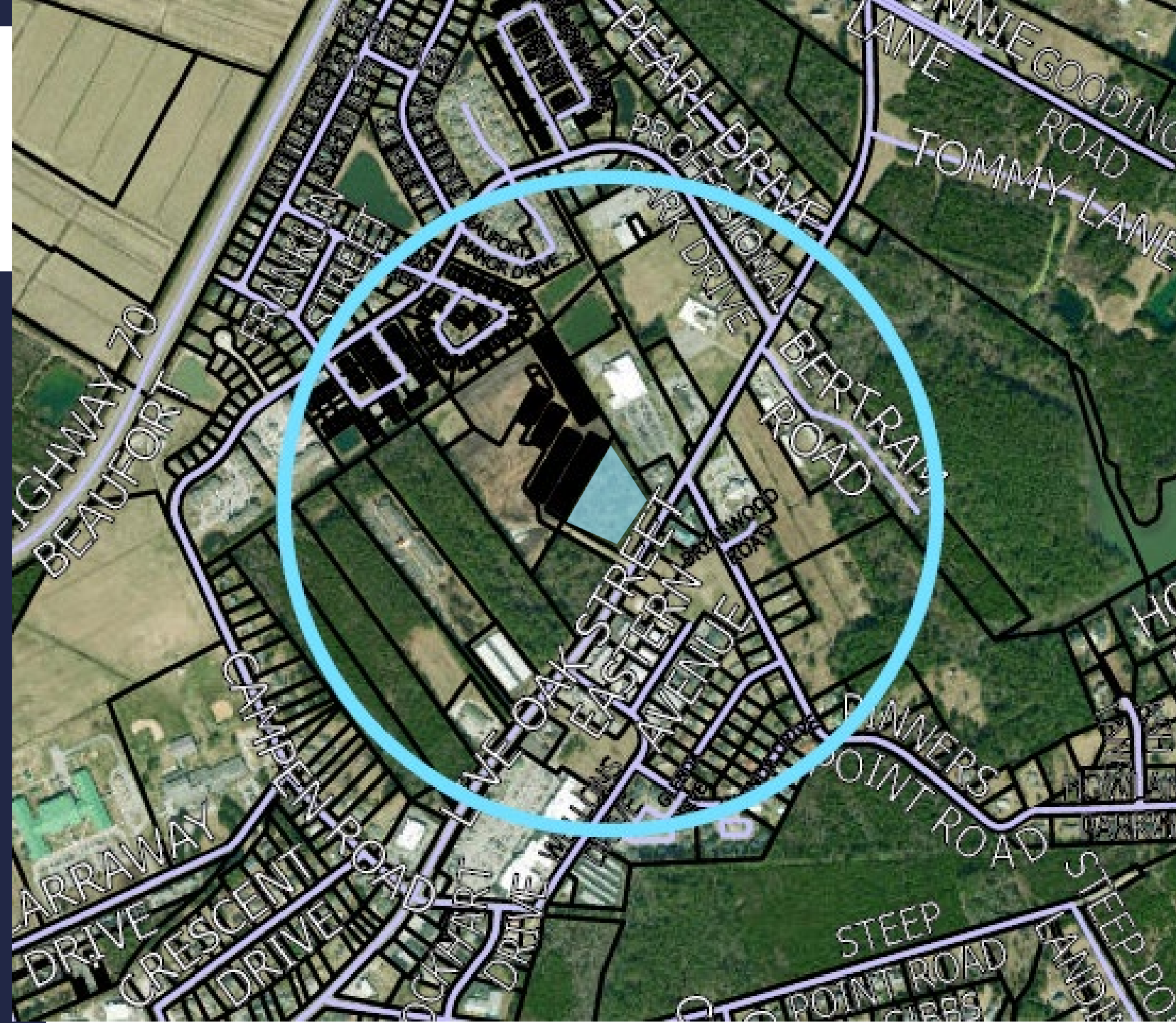
Signed

Date

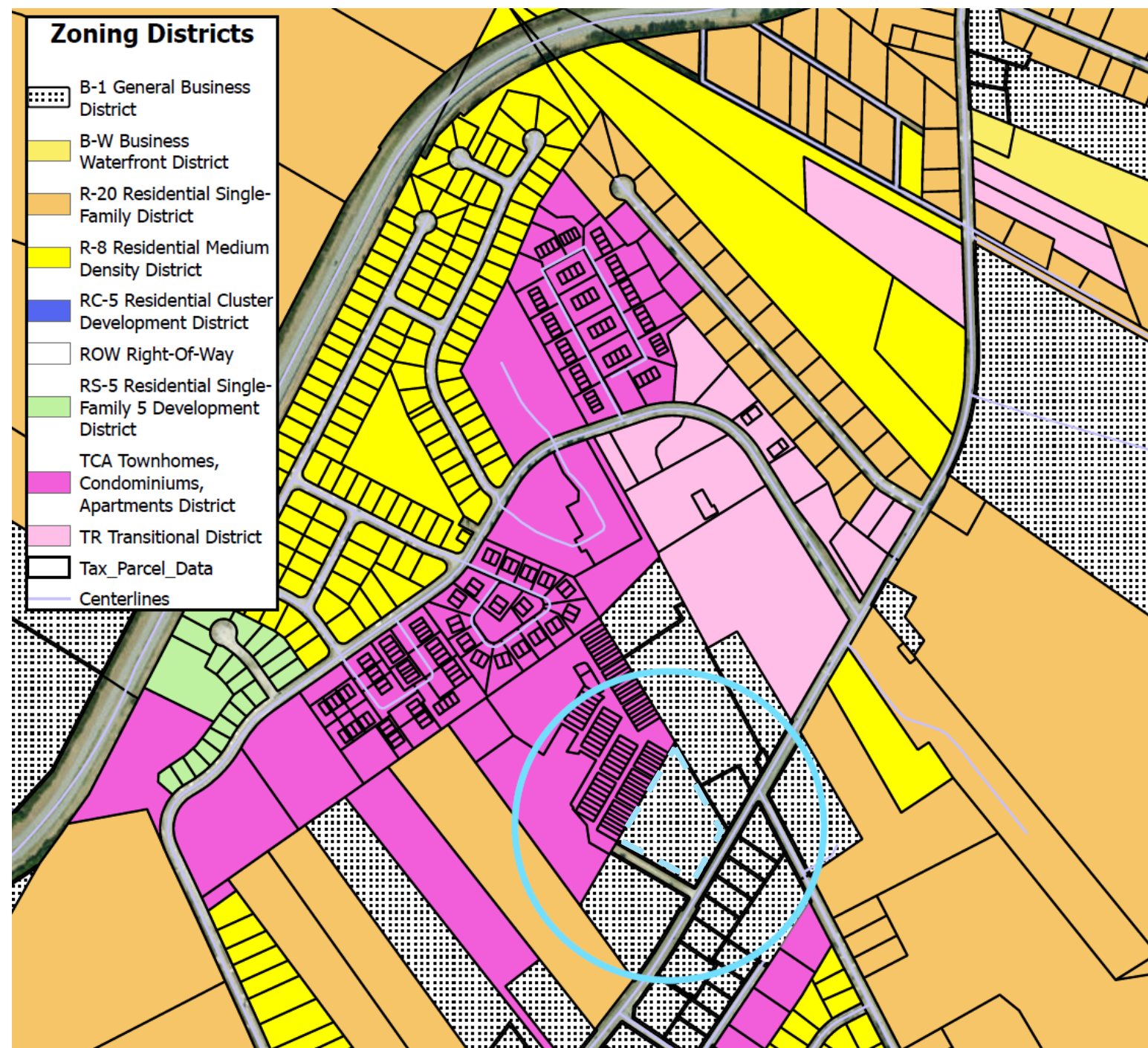
CASE 26-06 SPECIAL USE PERMIT

SUP REQUEST FOR A MINUTEMAN GAS STATION
AT 110 TOWNS DRIVE

26-06 SUP FOR
GAS STATION
AT 110 TOWNS DRIVE



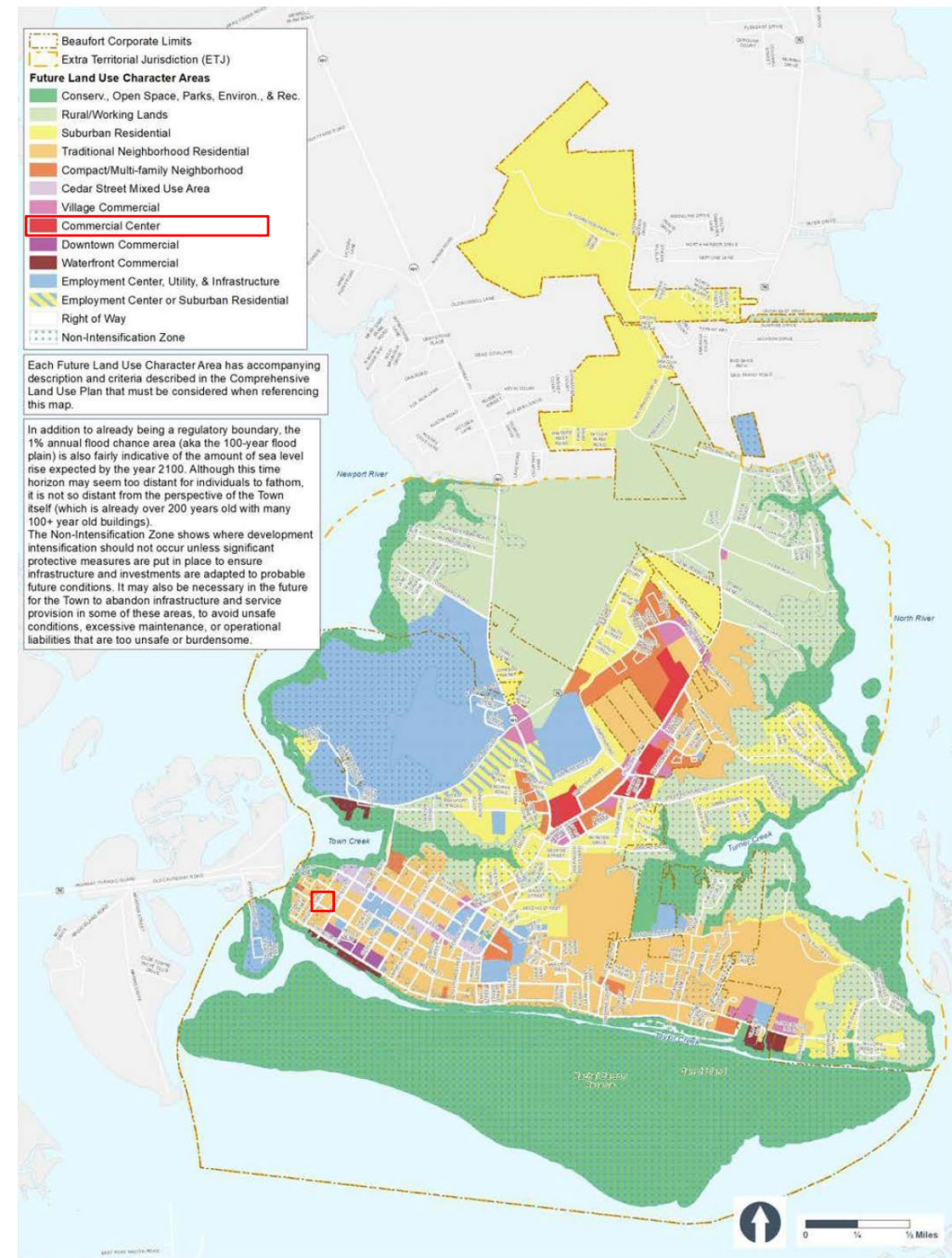
26-06 SUP FOR GAS STATION AT 110 TOWNS DRIVE

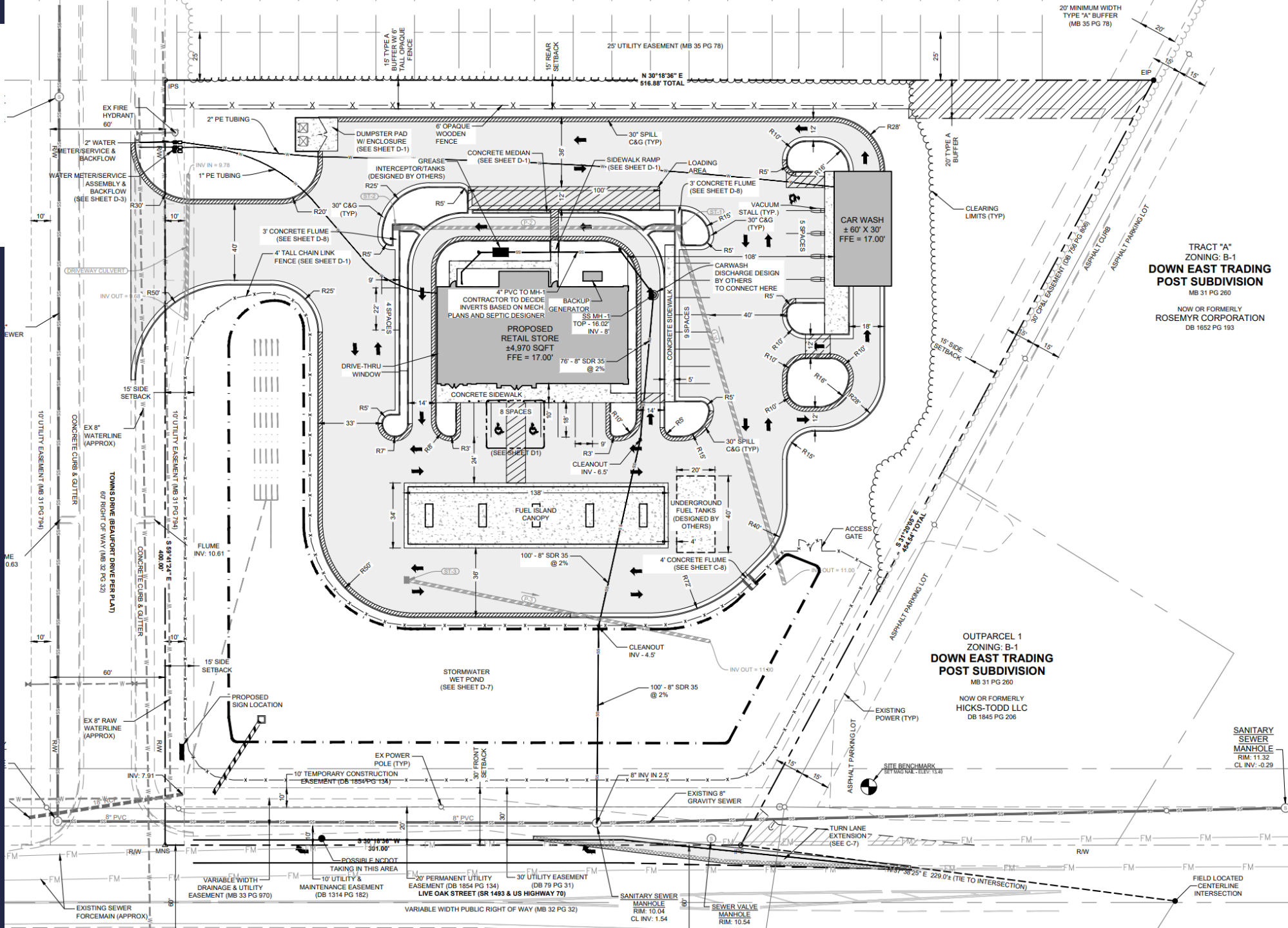


26-06 SUP FOR GAS STATION AT 110 TOWNS DRIVE

Comprehensive & CAMA Land Use Plan

- Commercial Center future land use classification notes:
 - “These areas have large-scale non-residential uses that serve the entire community and larger region.”
 - “Typical Uses: Large footprint, higher intensity, regional commercial, retail, services, or offices, including less pedestrian friendly uses such as vehicle and machinery repair, sales, and rental, lumber yards, commercial nurseries, fast food restaurants, etc. Hotels are also appropriate. Automobile-dependent businesses predominate.”

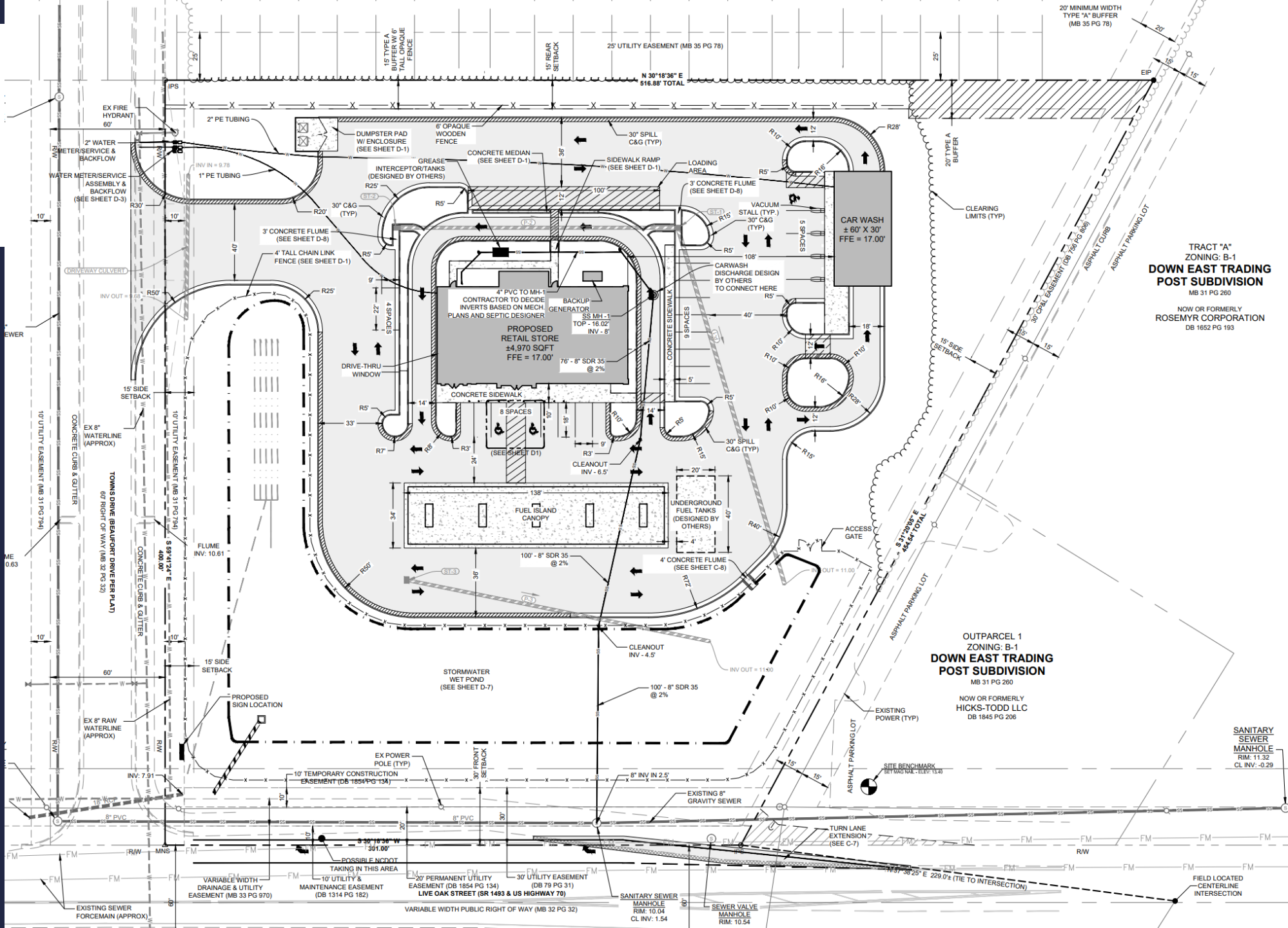


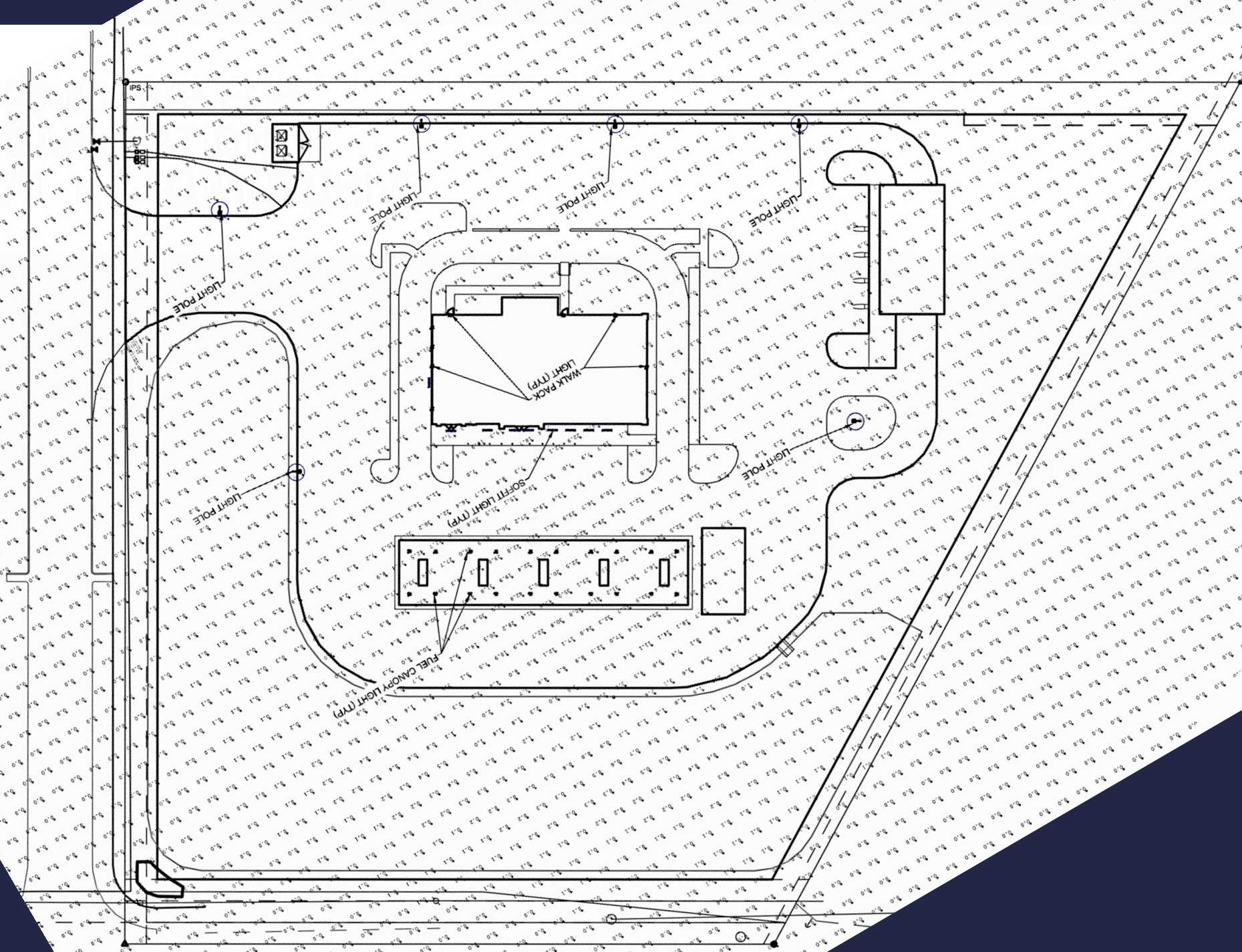


TRACT "A"
 ZONING: B-1
**DOWN EAST TRADING
 POST SUBDIVISION**
 MB 31 PG 260
 NOW OR FORMERLY
 ROSEMYR CORPORATION
 DB 1652 PG 193

OUTPARCEL 1
 ZONING: B-1
**DOWN EAST TRADING
 POST SUBDIVISION**
 MB 31 PG 260
 NOW OR FORMERLY
 HICKS-TODD LLC
 DB 1845 PG 206

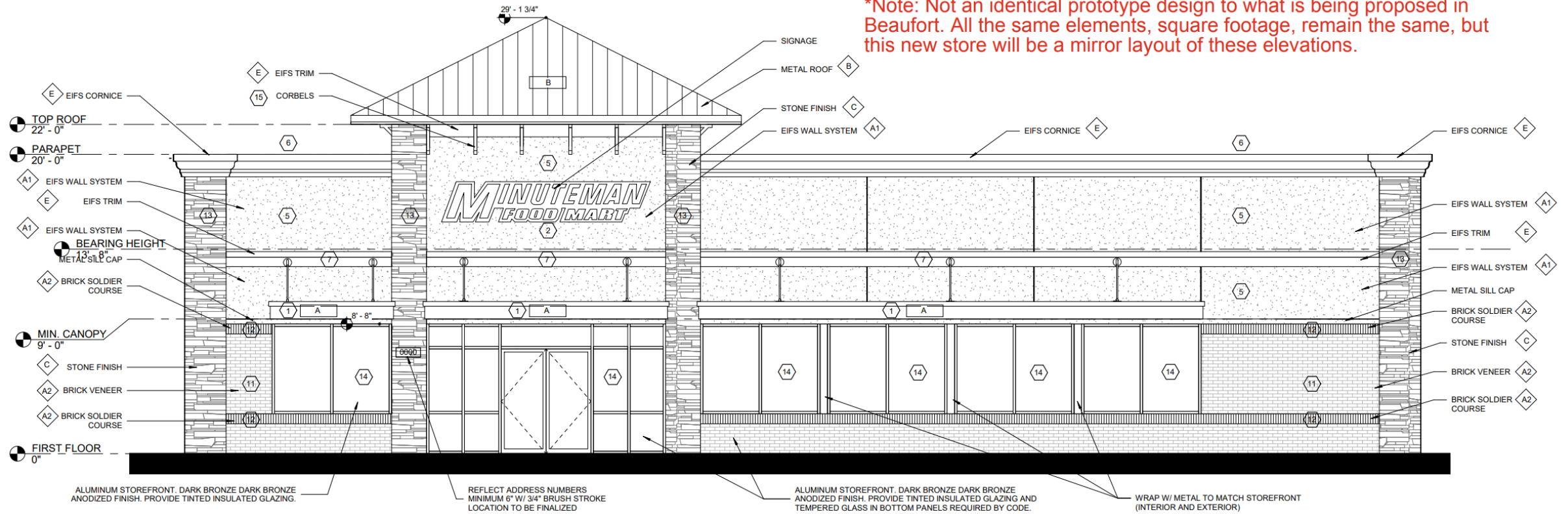
SANITARY
 SEWER
 MANHOLE
 RIM: 11.32
 CL INV: -0.29





26-06 SUP FOR GAS STATION AT 110 TOWNS DRIVE

*Note: Not an identical prototype design to what is being proposed in Beaufort. All the same elements, square footage, remain the same, but this new store will be a mirror layout of these elevations.

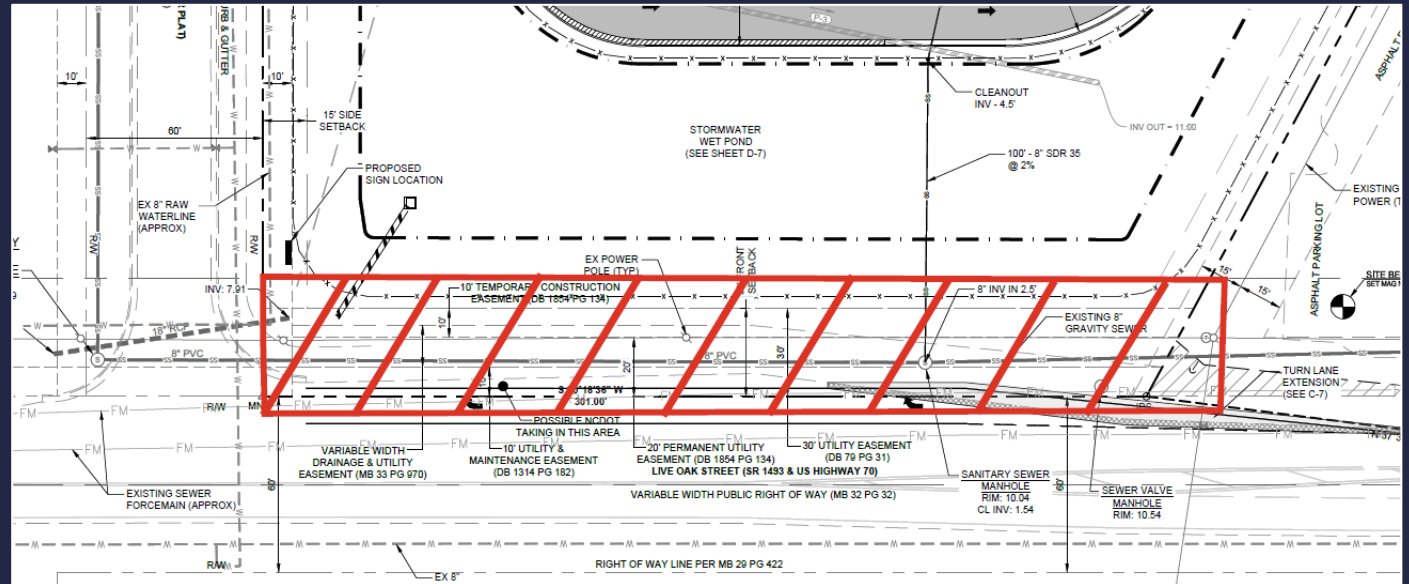


1 FRONT ELEVATION
1/4" = 1'-0"

26-06 SUP FOR GAS STATION AT 110 TOWNS DRIVE

Planning Board's unanimous recommendation at April 20th review (following March 16th meeting cancellation):

“Approve the site plan given that the applicant consider some large trees in the front, a black vinyl coated fence, and the maintenance plan for the landscape and pond area.”



26-06 SUP FOR GAS STATION AT 110 TOWNS DRIVE

Section 20 requires that for a SUP to be approved, all LDO standards must be met as well as the Required Findings:

E) *Required Findings.*

- 1) In addition to any other findings or requirements as specified by any other section of this Ordinance, before any application for a special use may be granted or denied, the BOC shall make each of the following findings:
 - a) The proposed use is an allowable special use in the zoning district it is being located within;
 - b) The application is complete;
 - c) The location and character of the use will be in conformity with the Town's Comprehensive and CAMA Land Use Plan and other comprehensive planning elements;
 - d) Streets, driveways, parking lots, traffic control, and any other traffic circulation features shall be designed and provided in accordance with current traffic engineering standards and Town regulations and found to be adequate for the proposed special use;
 - e) The proposed special use will not substantially injure the value of adjoining or abutting properties;
 - f) The proposed special use will be compatible and in harmony with adjoining land uses and the development patterns of the immediate area; and,
 - g) The proposed use will not materially endanger the public health or safety of the community if located where proposed and developed according to the submitted and approved plan.
- 2) The BOC shall make its findings based on "competent, material and substantial evidence" as described in N.C. Gen. Stat. §160D-406 in accordance with the procedures set forth in Section 32 herein.

CASE 26-08 SPECIAL USE PERMIT

SUP REQUEST TO CONTINUE OUTDOOR OPERATION OF
BEAUFORT BAR AT 410-A LIVE OAK STREET

26-08 SUP FOR CONTINUED OUTDOOR OPERATION AT BEAUFORT BAR 410 LIVE OAK



TOWN OF BEAUFORT ORDER APPROVING A SPECIAL USE PERMIT

The Board of Commissioners for the Town of Beaufort, having held an evidentiary hearing on June 9, 2025, to consider Case # 25-09, submitted by Michael Thagard, a request to add outdoor operation to the "Beaufort Bar", an existing indoor bar at 410-A Live Oak Street in the General Business (B-1) zoning district, and having heard all of the evidence and arguments presented at the hearing, makes the following **FINDINGS OF FACT** and draws the following **CONCLUSIONS**:

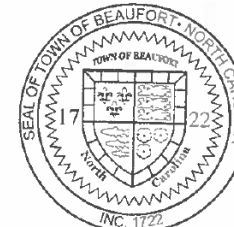
In accordance with Section 20 of the Town's Land Development Ordinance, the Board **FINDS** as follows: a) The proposed use is an allowable special use in the zoning district it is being located within; b) The application is complete; c) the location and character of the use will be in conformity with the Town's Comprehensive and CAMA Land Use Plan and other comprehensive planning elements; d) Streets, driveways, parking lots, traffic control, and any other traffic circulation features shall be designed and provided in accordance with current traffic engineering standards and Town regulations and found to be adequate for the proposed special use; e) The proposed special use will not substantially injure the value of adjoining or abutting properties; f) The proposed special use will be compatible and in harmony with adjoining land uses and the development patterns of the immediate area; and, g) The proposed use will not materially endanger the public health or safety of the community if located where proposed and developed according to the submitted and approved plan.

Therefore, on the basis of all the foregoing, **IT IS ORDERED** that the application for a **SPECIAL USE PERMIT** be **APPROVED TO ALLOW A TAVERN/BAR/PUB WITH INDOOR AND OUTDOOR OPERATION AT 410-A LIVE OAK STREET FOR A PERIOD OF TWELVE MONTHS FOLLOWING VALIDATION OF THIS SPECIAL USE PERMIT, WITH THE FOLLOWING CONDITIONS**:

- The Special Use Permit hereby issued shall expire and be of no further force and effect at 11:59 am on July 14, 2026;
- A six-foot tall fence must be erected surrounding the outdoor area to aid in noise attenuation.

Ordered this 14th day of July, 2025.

Elizabeth Lewis,
Clerk to the Board

Sharon E. Harker, Mayor

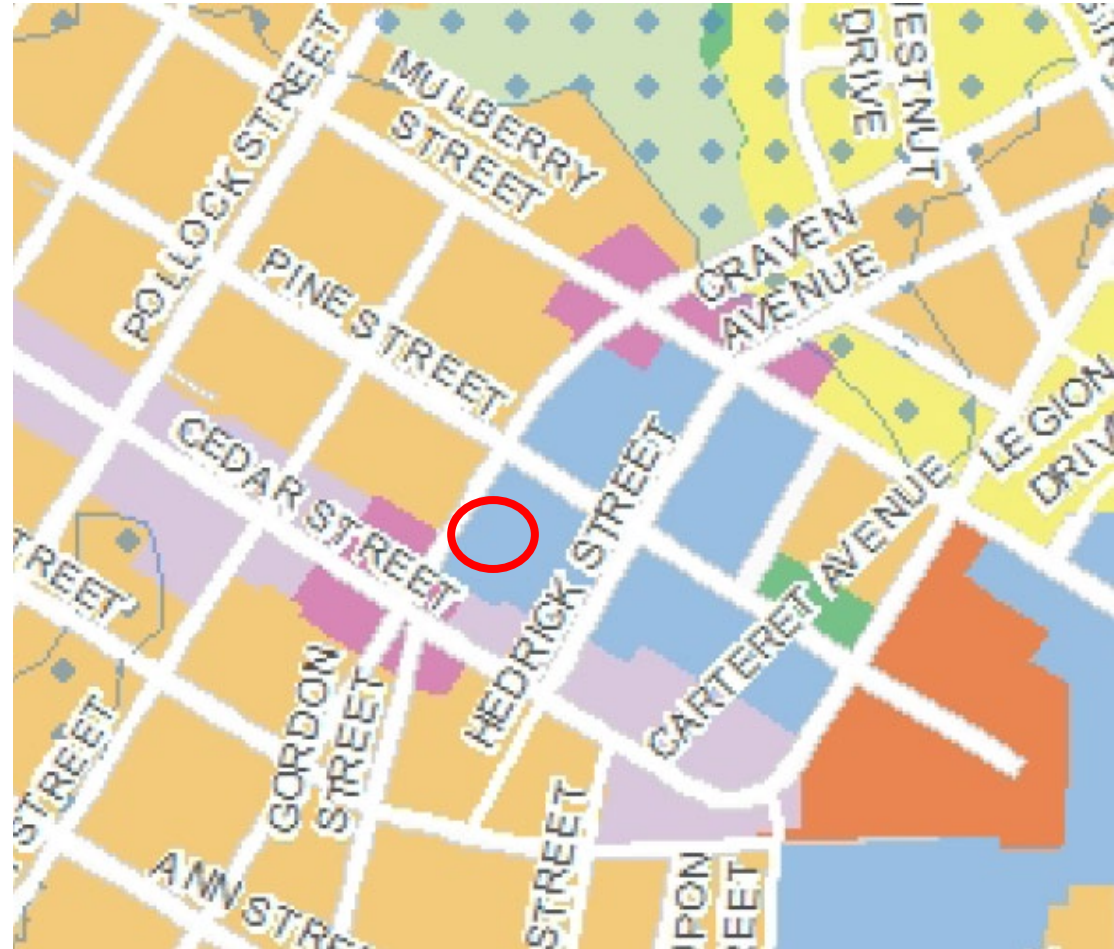
26-08 SUP FOR
CONTINUED OUTDOOR
OPERATION AT
BEAUFORT BAR 410 LIVE
OAK



26-08 SUP FOR CONTINUED OUTDOOR OPERATION AT BEAUFORT BAR 410 LIVE OAK

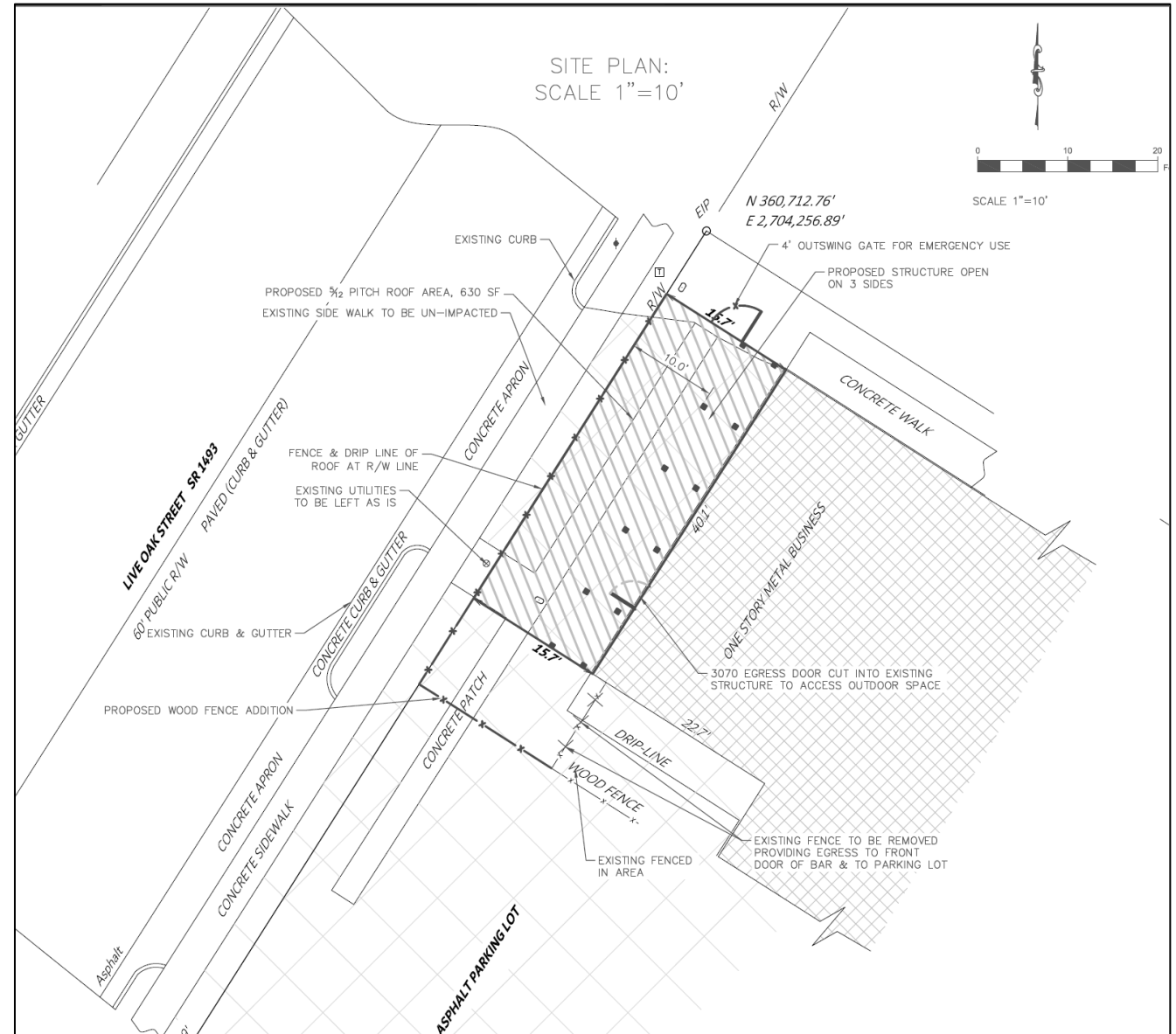
Comprehensive & CAMA Land Use Plan

- Employment Center, Utility, & Infrastructure future land use classification:
 - “These employment-supporting land uses provide jobs and centers for economic growth.”
 - High intensity uses
 - No residential density
 - High impervious surfaces
 - Very little open space
 - More industrially-oriented but not exclusive of commercial



26-08 SUP FOR CONTINUED OUTDOOR OPERATION AT BEAUFORT BAR 410 LIVE OAK

- Existing tavern/bar/pub (July '24)
- SUP authorized outdoor operation '25
 - Condition required a 6-ft tall fence
 - Condition limiting to one year (July '26)
- Roof overhang constructed over outdoor area and fencing installed following 2025 SUP approval
- No building improvements are proposed with this request to continue outdoor operation SUP



26-08 SUP FOR CONTINUED OUTDOOR OPERATION AT BEAUFORT BAR 410 LIVE OAK

Planning Board unanimously recommended approval as presented at their April 20th meeting.

26-08 SUP FOR CONTINUED OUTDOOR OPERATION AT BEAUFORT BAR 410 LIVE OAK

Section 20 requires that for a SUP to be approved, all LDO standards must be met as well as the Required Findings:

E) *Required Findings.*

- 1) In addition to any other findings or requirements as specified by any other section of this Ordinance, before any application for a special use may be granted or denied, the BOC shall make each of the following findings:
 - a) The proposed use is an allowable special use in the zoning district it is being located within;
 - b) The application is complete;
 - c) The location and character of the use will be in conformity with the Town's Comprehensive and CAMA Land Use Plan and other comprehensive planning elements;
 - d) Streets, driveways, parking lots, traffic control, and any other traffic circulation features shall be designed and provided in accordance with current traffic engineering standards and Town regulations and found to be adequate for the proposed special use;
 - e) The proposed special use will not substantially injure the value of adjoining or abutting properties;
 - f) The proposed special use will be compatible and in harmony with adjoining land uses and the development patterns of the immediate area; and,
 - g) The proposed use will not materially endanger the public health or safety of the community if located where proposed and developed according to the submitted and approved plan.
- 2) The BOC shall make its findings based on "competent, material and substantial evidence" as described in N.C. Gen. Stat. §160D-406 in accordance with the procedures set forth in Section 32 herein.

BEAUFORT BAR

OWNER/PRESENTER: MIKE THAGARD



WHAT IM GOING OVER

- Background
- Beaufort Bar today
- Inside look
- Staff and patrons
- What we do
- Outside special use
- Achievements with special use permit
- Requirements met
- Summary & takeaways



BACKGROUND

- Established July 5, 2024
- Finished major construction on outside project in Aug/Sept 2025
- ~\$50,000 investment

Cocktail Bar that has something for everyone. Including beer, spirits, wine, non-alcoholic beverages. Now offering outdoor space for family gatherings, fundraisers, pets, and more.

- Not crossing the bridge tonight
- 410 Live oak St. – Next to No name

BEAUFORT BAR TODAY

- HRS OF OPERATION:
 - Wed 5:00 PM – 12:00 AM
 - Thurs 5:00 PM – 2:00 AM
 - Fri 12:00 PM – 2:00 AM
 - Sat 12:00 PM – 2:00 AM
 - Sun 12:00 PM – 12 AM
- ~1200 SQFT INDOOR SPACE
- BAR/TAVERN/PUB WITH OUTDOOR USE
- 9 EMPLOYEES



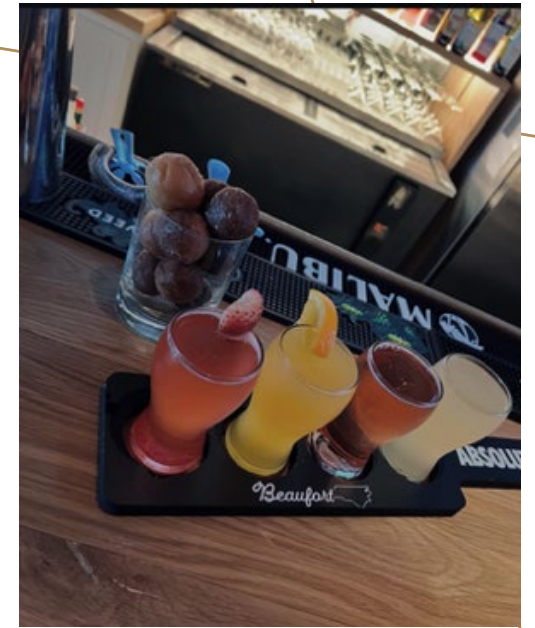
STAFF AND PATRONS



WHAT WE DO



Come get your smoked old fashioned



Today's featured cocktail
Doors open at 12 noon

Pepino Paloma



Chocolate mint
espresso martini





INSIDE





BEAUFORT
BAR

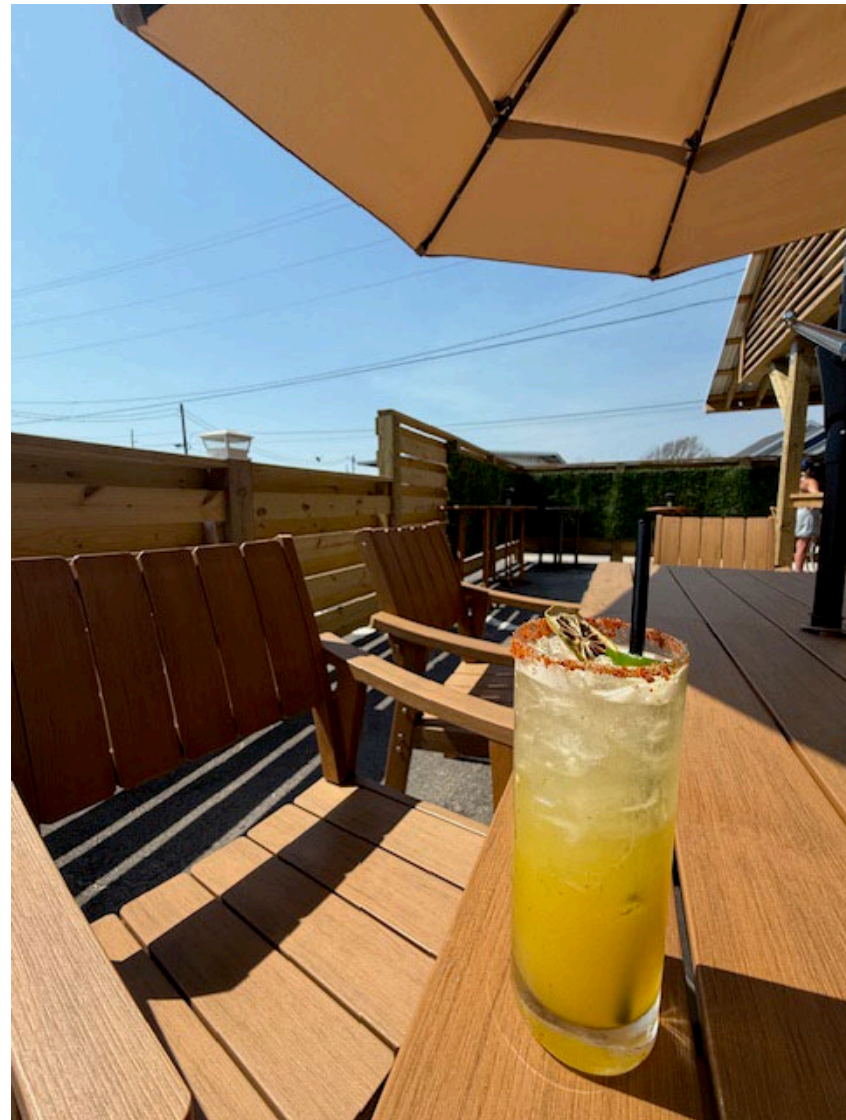
Team Trivia
ALWAYS FREE TO PLAY
What are you doing tonight?
THURSDAYS
7:00
www.PLAYTEAMTRIVIA.COM

OPEN

BEAUFORT



Ribbon Cuttings







ACHIEVEMENTS WITH SPECIAL USE PERMIT

- Expanded operating square footage.
- Provided quieter area outside when music or louder entertainment inside.
- Place for patrons to enjoy a cocktail with their pets.
- Allow for family friendly events like cookouts, fish frys, oyster roasts, etc.
- Bring more people to the area.
- Made business more noticeable.

REQUIREMENTS MET AND THEN SOME.....

- 6ft Fence to aid in noise reduction and keeping patrons on property.
- Sound dampening materials on fence with plans for increased noise dampening
- Canopy to aid in noise reduction as well as weather protection for patrons
- Outside grounds inspections as part of staff duties.
- Educating my staff on the LDO and town noise ordinance.
- Investments in controls to ensure noise volume control

SUMMARY & TAKEAWAYS

- We have met the requirements made by the BOC and the towns LDO.
- We made a fun and good looking space for walkers, bikers, locals, and visitors.
- Continue entertainment for all the new surrounding developments.
- Continue to support other businesses in the area with more foot traffic.

Asking for an unlimited period for SUP to continue a fun and clean outdoor space.

THANK YOU

- Mike Thagard
- ncbeaufortbar@gmail.com



Case 26-09
100 Cedar Street
Rezoning B-1 to
CS-MU



Property Information

Request: Rezone a single lot from B-1 to CS-MU

Applicant: Beaufort TCS LLC

Location 100 Cedar Street

Existing Land Use Commercial Office

Total Area 0.24 Acres

CAMA Land Use Plan: Cedar Street – Mixed Use



Property Information

Staff Comments

- In 2019 the Cedar Street Mixed Use District was created to complement the Entry Master Plan, CAMA Land Use Plan and the development pattern which was in a state of transition with the relocation of US Hwy. 70.
- There is currently one structure on the property which does not meet the setbacks for B-1 rendering it non-conforming.
- A rezoning to CS-MU would not change the non-conforming status of the structures as they would still not meet the rear yard setbacks of 20 feet.

CAMA Land Use Plan – Future Land Use Classifications

In accordance with NCGS § 160D-604(d), when conducting a review of proposed zoning text or map amendments the Planning Board shall advise and comment on whether the proposed action is consistent with the Town of Beaufort Comprehensive and CAMA Land Use Plan that has been adopted and any other officially adopted plan that is applicable.

The Planning Board shall provide a written recommendation to the BOC that addresses plan consistency and other matters as deemed appropriate by the Planning Board, but a comment by the Planning Board that a proposed amendment is inconsistent with the Town of Beaufort Comprehensive and CAMA Land Use Plan shall not preclude consideration or approval of the proposed amendment by the BOC.

The recently adopted CAMA Land Use Plan identifies this property as **Cedar Street – Mixed Use** which is consistent with the rezoning request to CS-MU. (See Land Use Map & Attached Land Use Description)



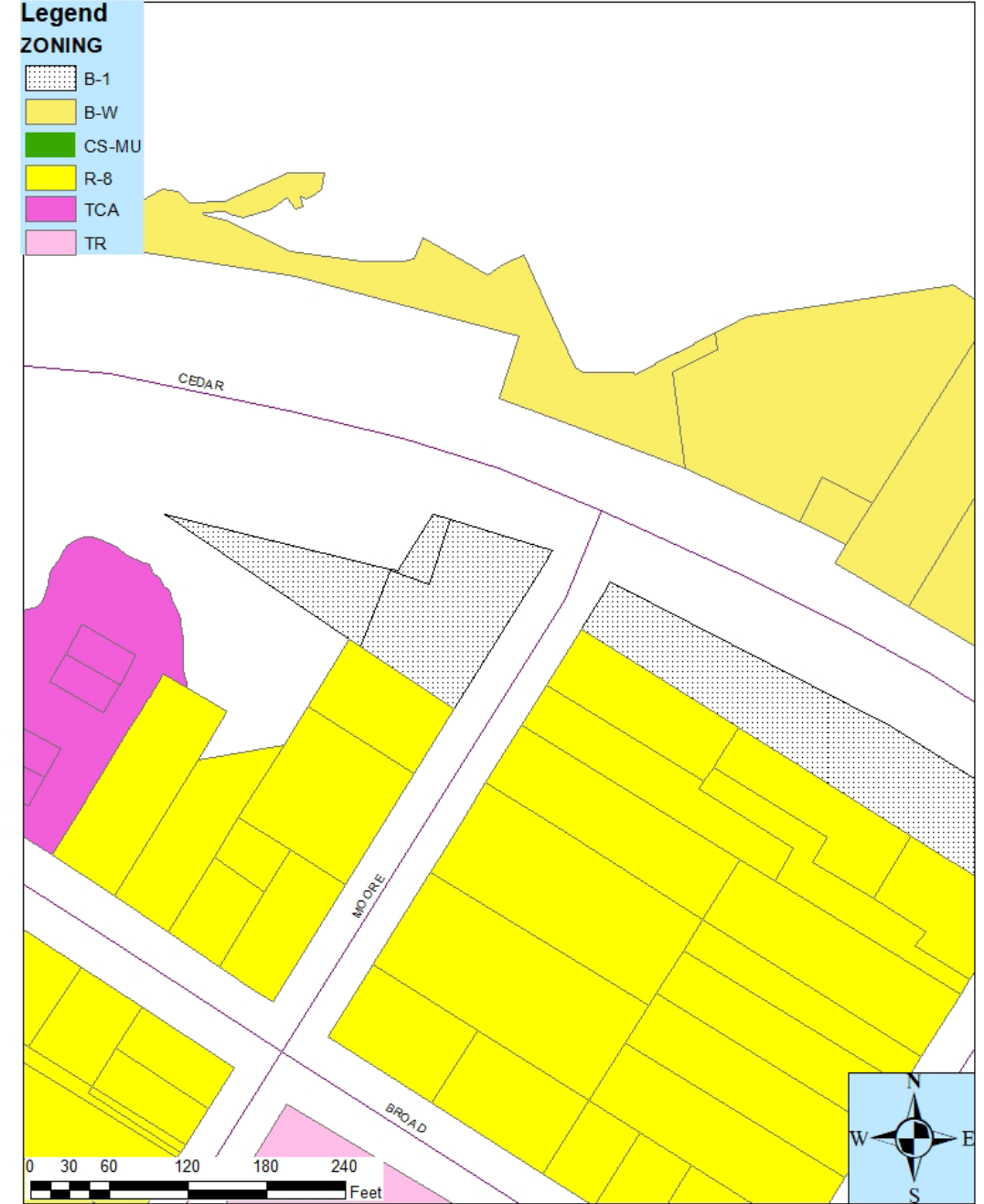
Comparison of Zoning Standards
Existing B-1 to Proposed CS-MU

Item	Existing (B-1)	Proposed (CS-MU)
Minimum Lot Size	5,000 sq. ft.	N/A
Lot Width	60' Minimum	N/A
Front Setback	30 feet	10 foot minimum 20 feet maximum
Side Setback	15 feet	0 feet
Rear Setback	15 feet	20 feet
Building Height	35 Feet* Local Historic District	35 Feet* Local Historic District

Attachment - B - Case 26-09 - 100 Cedar Street Rezoning B-1 to CS-MU



Attachment C - Zoning Map



Cedar Street Mixed-Use Area

General Description:

These areas have a mix of non-residential and residential uses that serve the existing neighborhood and the greater area. These sites are occupied by single-family attached dwellings, duplexes, apartments, lofts, condominiums, and commercial uses such as retail, office, business services, and personal services. Density is medium-to-high, similar to traditional neighborhoods near the downtown area. The area is walkable and good for cycling, with a few neighborhood-oriented businesses. Structures should front the street to enhance public safety by having “eyes on the street” while parking should be located in the rear to promote walking and biking. Public water and sewer services are necessary.

Streets and Circulation:

Streets are typically low volume and prioritize pedestrians through the provision of sidewalks on both sides. Street trees soften the streetscape and further enhance pedestrian comfort. Connectivity is high because of the grid network which very

EXAMPLE USES:

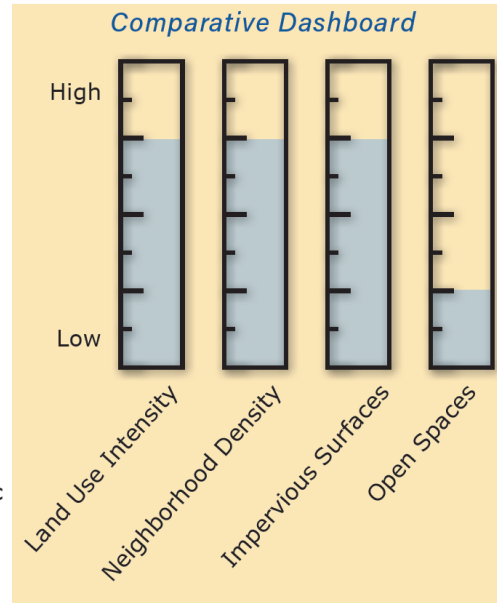
Typical Uses:

Medium- to high-density residential dwelling units such as single-family homes, duplexes, apartments, townhomes, condominiums, and neighborhood serving commercial, retail, services (e.g. – brew pub, restaurant, small stores). Pedestrian oriented commercial uses such as cafés, boutique shops, hardware stores, flower shops,

and personal care businesses. Vertical mixed use, including upper-story residences or offices, are appropriate.

If Context Appropriate:

- » Neighborhood-serving, small-scale commercial uses
- » Accessory dwellings
- » House-scale multi-family residential
- » Small hotels or bed-n-breakfasts

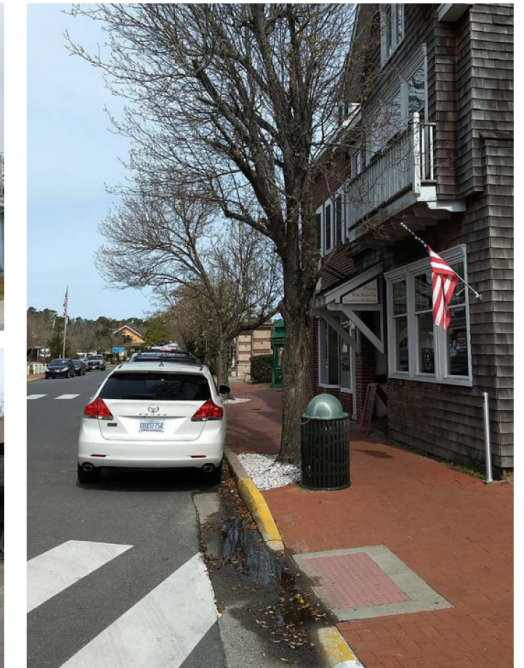


Cedar Street Mixed-Use Area

rarely has blocks longer than 500' on a side. On-street parking serves both visitors and residents. Bicycles will have dedicated facilities but may share the vehicular travel lanes where speed limits and traffic volumes are low enough to accommodate them safely. It is important to prepare the area for potential future transit.

Other Concerns:

Vertically integrating residential uses with commercial uses can maximize walkability and livability. Nearby public parks and access to the water provide outdoor recreational opportunities. It is possible that in the future, Cedar Street becomes a second downtown hub similar to Front Street.



Examples of Cedar Street Mixed-Use Areas.



Requested actions

Discussion on
Rezoning
Request

Decision on
Rezoning
Request

