



October 12, 2022

Town of Henrietta
Attn: James W. Grunert, Planning Board Chair
475 Calkins Road
Henrietta, NY 14467

**RE: Southridge Landing Development
Letter of Intent – Planning Board Application**

Dear Mr. Grunert:

On behalf of our client, Dakota Partners, we respectfully submit a Site Plan application for the November 15, 2022 Planning Board meeting.

The project consists of a 62 unit apartment building on the North Side of Calkins Road, east of East Henrietta Road. This development is north of the existing CVS on the corner of East Henrietta Road and Calkins Road, and east and south of existing single-family residents. Included in the project is an incorporated community space, public outdoor areas and revised stormwater treatment and storage to the surrounding area.

In support of our application, we have enclosed the following:

- (1) Letter of Intent
- (1) Site Plan Application
- (1) Statement of Applicant and Owner w/Respect of Reimbursement
- (1) Site Plan Checklist
- (14) Sets of Site Plans and Elevations
- (1) Engineers Report
- (1) SWPPP Report
- (1) FEAF
- (1) Flash Drive Containing the Documents Above
- (1) Application Fee \$150.00
- (1) Engineering Review Fee \$700.00

We look forward to presenting this application to the Planning Board at their November 15, 2022 meeting. If you have any questions, please contact me at (585) 325-1000. Thank you for your consideration.

Sincerely,

Jess D. Sudol, PE
President
JDS:paf CC:



TOWN OF HENRIETTA Site Plan Application

APPLICATION NO. _____

PLANNING BOARD

OR ADMINISTRATIVE

DATE: _____

I (we) _____ of _____
Name of Applicant / Business Business Address (Number & Street)

_____ hereby apply to the Planning Board for
Town, State, Zip

Site Plan Review OR Other: _____

on property located at _____
(Street & Number) (Zoning District & Tax Account No.)

Previous Reviews, if any, Date: _____ Number: _____

DESCRIPTION OF PROPOSAL: _____

Applicant: _____

Address: _____

Phone #: _____

Email: _____

Property Owner: _____

Address: _____

Phone #: _____

Email: _____

Engineer/Architect: _____

Address: _____

Phone #: _____

Email: _____

Business Owner: _____

Address: _____

Phone #: _____

Email: _____

Applicant Signature: Brion J. Donato

Print Name: _____

**Statement of Applicant and Owner with Respect to Reimbursement
of Professional and Consulting Fees**

In conjunction with an application made to the Town of Henrietta, the undersigned states, represents and warrants the following:

- 1) I/We am/are the applicant and owner with respect to an application to the Town of Henrietta.
- 2) I/We have been advised of, are aware of and agree to comply with the obligation to reimburse the Town of Henrietta for any and all professional and consulting fees incurred by the Town in conjunction with this and any other applications by me/us, including but not limited to engineering and/or legal fees, all as more fully set forth in the Henrietta Town Code.
- 3) I/We have been provided with, or have otherwise reviewed the Henrietta Town Code provisions related to the obligation to reimburse the Town with respect to professional and consulting fees, and agree to comply with the same.
- 4) I/We understand that this obligation shall not be dependent upon the approval or success of the application.
- 5) I/We further agree that in the event the Town of Henrietta is required to refer for collection an outstanding debt for such professional and/or consulting fees due to the Town of Henrietta, I/we shall be obligated to pay the reasonable attorney's fees incurred as a result of the Town's efforts to collect such fees. Reasonable attorney's fees shall also include any and all disbursements that may result from the commencement of litigation.
- 6) Each party to the application, including the applicant and the owner, shall be jointly and severally liable for all consulting and professional fees and expenses incurred in conjunction with the application.

Applicant: _____

By: _____

Title: _____

Dated: _____

Signed: *Brian J. Donato* _____

Owner: _____

By: _____

Title: _____

Dated: _____

Signed: *Michael J. ...* _____

March 10, 2022

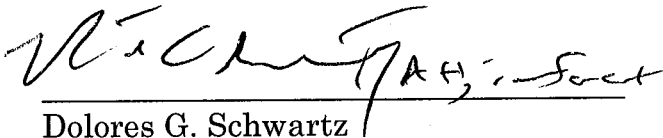
Town Planning and Zoning Departments
Town of Henrietta

RE: East Henrietta Road

To Whom It May Concern:

I, Dolores G. Schwartz, owner/manager of subject property at East Henrietta Road, give permission and consent to Passero Associates to make the necessary applications to all Town Boards (Planning & Zoning), Permits and Approvals on my behalf for the above project.

Thank you.

A handwritten signature in black ink, appearing to read "Dolores G. Schwartz". The signature is written in a cursive style and is positioned above a horizontal line.

Dolores G. Schwartz
By Robert A. Schwartz, Attorney-in-Fact



SITE PLAN CHECKLIST

PROJECT NAME: Southridge

APPLICATION No. _____

- 1 Acceptable plans size to match the New York State Legal Filing Size (22" x 34"), prepared with india ink on mylar.
- 2 Except in the simplest form of site plan application, the proposal package should contain at least the following drawings:
 - a. Site Plan
 - b. Utility Plan
 - c. Grading Plan
 - d. Landscape Plan
 - e. Lighting Plan
 - f. Profiles and Construction Details
 - g. Building Elevations
- 3 The Title Block should contain the following:
 - a. Proposed Name of Development
 - b. Location of Development
 - c. Name, Address, and Telephone Number of Developer or Applicant
 - d. Name, Address, and Seal of Engineer, Architect, and/or Land Surveyor
- 4 Show General Location Map (sketch). North should be located at the top of the drawing.
- 5 A scale of not more than fifty feet to the inch is to be used.
- 6 Show names and tax account numbers of adjacent lands.
- 7 Indicate zoning by note. If more than one area, delineate the zoning on the plan view.
- 8 By plan note, list all variances and special permits accompanied by Application Number and approval date. **Special Permit Application is scheduled to be heard by the Town Board on 09/09/2020**
- 9 Show dimensions and bearings or angles of all property boundary lines. Show area to nearest square foot and 0.00+ acres
- 10 Show a tie distance from the proposed site to nearest road intersection
- 11 Show location width and type of all existing and/or proposed easements on the plan. Also, tabulate all of the easements on the plan and key by identifying numbers.



SITE PLAN CHECKLIST

PROJECT NAME: Southridge

APPLICATION No. _____

- 12 All State, County, and Town Survey Monuments on the site and within 100 feet of the site must be shown. Indicate on the plan the proposed protection from damage for the "on site" monuments. If no monuments exist on the site, a certification to that affect shall be placed on the plan by the surveyor.
- 13 A Letter of Credit in the amount of \$1,000.00 per monument will be required as protective measure for all Town, County, State, and Federal Monuments on site or those affected by the proposed construction.
- 14 List the names of existing streets, their legal width, and jurisdiction.
- 15 Show all existing driveways (curb cuts) within two hundred (200) feet of the proposed development as well as driveways (curb cuts) within two hundred (200) feet on the opposite side of the road.
- 16 Show planned use for the proposed structure (i.e. office etc).
- 17 Show proposed and/or existing setbacks.
- 18 Show parking requirements (indicate the proposed and required).
- 19 Show the fire lanes.
- 20 The Landscaping Plan must be of the same scale as the Site Plan and contain the following minimums:
 - a. To scale plot of proposed trees and/or shrubs
 - b. The plan must contain a table of quantities. *See Appendix for proper requirements.*
 - c. Enlargement details for areas of proposal that are not legible at the plan scale.
 - d. The Planning Board requires that the Landscape Plan be signed off by a Licensed Landscape Architect or Certified Nursery Professional.
 - e. The Planning Board may also require that the proposed landscape be installed by a Certified New York State Nurseryman.
 - f. The Planning Board may require a Letter of Credit in the amount of the Landscape Contract and that the Letter of Credit be for a two year period to guarantee growth.
 - g. The Planning Board may also require that a Landscape Record Drawing, certified by a Licensed Archited, be provided. (Note: a Letter of Credit will be required to insure completion.)
- 21 All architecture plans must include elevation drawings of the proposed structure and be fully dimensioned, horizontally and vertically.



SITE PLAN CHECKLIST

PROJECT NAME: Southridge

APPLICATION No. _____

- 22 Indicate the architectural treatment of the proposed and/or existing buildings, including the type and color of the proposed finish materials. All proposed buildings should have a masonry front (road view) elevation. Renovation to existing buildings will be evaluated on an individual basis.
- 23 Please plan to bring samples of the proposed architectural materials to the meeting.
- 24 The following statement should appear on all Site Plans:
"As an integral part of this approval, the Planning Board expressly approves the color, textures, and finish of the building as depicted on site elevations or other documents submitted with this application. Any proposed change in color, texture, or finish of the building, from that approved by the Planning Board shall require a re-application for review and approval of the Planning Board."
- 25 A separate Lighting Plan will be provided showing the proposed lighting to the nearest candle power, as measured at ground level. See Appendix.
- 26 Indicate existing and/or proposed lighting locations, including height, type, and wattage. The Planning Board may require that a Lighting Record Plan certified by a Professional Engineer be supplied.
- 27 Show existing and proposed contours based on U.S.C. & G.S. Datum. Reference source of datum and show plan benchmarks. All contours shall be carried a minimum of one hundred (100) feet offsite.
- 28 Show existing drainage system and proposed drainage system. Storm drainage to offsite facilities must be shown on plan and profile to the satisfaction of the Town Engineering Department.
- 29 If the parking lot is to be used for stormwater detention, limits of this area are to be indicated on the site and grading plans. N/A
- 30 Show wetland and buffer zone limits (when applicable).
- 31 Show floodplain and floodway limits (when applicable). N/A, Zone X
- 32 In plan and profile, show location, size, rim elevations, and all invert elevations of the existing sanitary sewers. Include the nearest manhole on either side of the proposed development.
- 33 In plan and profile, show location of the proposed sanitary sewer systems including sewer systems including proposed laterals (plan only). Include all proposed elevations, grades, pipe



SITE PLAN CHECKLIST

PROJECT NAME: Southridge

APPLICATION No. _____

sizes, and details of any water crossings.

- 34 Show location and size of proposed water services and/or watermains including shutoff valves.
- 35 Show location of fire protection systems components.
- 36 Show location of dumpster (when applicable). All dumpsters must be enclosed in a masonry enclosure on three side with a gate on the fourth and shall be finished to match the proposed or existing structure. The closure should not be visible to the public. N/A
- 37 Indicate a curbed landscape mall with a minimum width of twenty (20) feet as required in commercial lands and industrial lands granted commercial use by special permit. Full depth cast-in-place concrete curb or granite curb must be installed. N/A
- 38 The Site Plan must be prepared from a current Instrument Survey (less than 12 months old). The Instrument Survey shall be certified as having been prepared using the current New York State Association of Professional Land Surveyors (NYSAPLS) Code of Practice and the Genesee Valley Land Surveyors Association - Monroe County Bar Association (GVLSA-MCBA) Standards. Credit the Instrument Survey and supply four copies of the map the Town Engineer.
- 39 If the site contains materials to be buried on site, the Burial Area should be outlined on the Site and Grading Plan. N/A
- 40 Site distance, existing and required, must be shown at driveway locations on all main roads. See Appendix.
- 41 Upon Site Plan Approval, a Letter of Credit shall be furnished to ensure site plan improvements and requirements. See Appendix.
- 42 Required supporting data and/or Reports:
 - a. Environmental Assessment Form (one copy)
(Short Form or Part I Long Form)
 - b. Drainage Report (two copies)
 - c. Traffic Report if required (twelve copies)
 - d. Lighting catalog cuts (copy with each set of plans)
 - e. Architectural Renderings
 - f. Letter of Credit Estimate (one copy).
 - g. Engineering Review Charge and Engineering Site Inspection Charge Form.



SITE PLAN CHECKLIST

PROJECT NAME: Southridge

APPLICATION No. _____

See Appendix.

- 43 Thirty (30) sets of folded plans will be required N/A
- 44 Is this project a TYPE I Action? If so, then an additional seven (7) sets of plans will be required for the Coordinated Review process (37 sets of plans total). N/A, Project is unlisted.

Prepared for: Brian Donato
Name of Developer

October 12, 2022
Date

Dakota Partners, Inc.
Company Name

235 Bear Hill Road
Street Address

Waltham, MA 02451
City, State, Zip





SITE PLAN CHECKLIST

PROJECT NAME: Southridge

APPLICATION No. _____

Prepared by: Jess Sudol, PE
Name of Consultant

October 12, 2022
Date

Passero Associates
Company Name

242 W. Main Street, Suite 100
Street Address

Rochester, NY 14614
City, State, Zip

[REDACTED]
Telephone Number

SITE PLAN CHECKLIST APPENDIX

- 1 Landscape Table
- 2 Sight Distance Table
- 3 Short Environmental Form
- 4 Letter of Credit Summary
- 5 Plan Review Charge and Site Inspection Charge Form Letter
- 6 Engineering Review Charge and Engineering Site Inspection Charge Form
- 7 Sample Lighting Plan

LANDSCAPE TABLE

- 1 The Landscape Table must include identification symbol, quantities, common name, botanical name, caliper for deciduous trees, or heights for evergreen trees, and a remarks column.
- 2 All deciduous trees must be a minimum of 3 inches to 3 1/2 inches in diameter, as measured at caliper (6 inches above ground).
- 3 All ornamental deciduous trees must be a minimum of 2 1/2 inches to 3 inches in diameter, as measured at caliper (6 inches above ground).
- 4 All evergreen trees must be a minimum height of 6 feet to 8 feet, unless otherwise requested, bagged and balled.
- 5 Low shrubs should be a minimum of 24 inches high.
- 6 Along arterial and collector roads, the Planning Board requires the use of salt resistant species.

Application Number: _____

**Site Plan and Subdivision Application
Engineering Review Charges**

All Site Plan and Subdivision Applications are subject to be reviewed by the Town Engineering Department and/or Consultant Forces. All costs incurred in providing this service are a direct charge to the Applicant or his designee. The responsible person and/or party in this matter shall be identified in the following listing:

Responsible Individual	<u>Brian Donato</u>
Responsible Firm	<u>Dakota Partners, Inc.</u>
Street Address	<u>235 Bear Hill Road</u>
City, State, Zip Code	<u>Waltham, MA 02451</u>
Telephone Number	<u>[REDACTED]</u>

Engineering Site Inspection Charges

All Residential and Business Development are subject to be inspected by the Town Engineering Department and/or Consultant Forces. All costs incurred in providing this service are a direct charge to the Applicant or his designee. The responsible person and/or party in this matter shall be identified in the following listing:

Responsible Individual	<u>Brian Donato</u>
Responsible Firm	<u>Dakota Partners, Inc.</u>
Street Address	<u>235 Bear Hill Road</u>
City, State, Zip Code	<u>Waltham, MA 02451</u>
Telephone Number	<u>[REDACTED]</u>

Note: When this information has been provided by another party, the following information needs to be provided:

Provided By	<u>Passero Associates</u>
Address	<u>242 W. Main Street, Suite 100</u>
City, State Zip	<u>Rochester, NY 14614</u>
Telephone Number	<u>([REDACTED])</u>

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

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

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

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

A. Project and Applicant/Sponsor Information.

Name of Action or Project:		
Project Location (describe, and attach a general location map):		
Brief Description of Proposed Action (include purpose or need):		
Name of Applicant/Sponsor:		Telephone: [REDACTED]
		E-Mail: [REDACTED]
Address:		
City/PO:	State:	Zip Code:
Project Contact (if not same as sponsor; give name and title/role):		Telephone: [REDACTED]
		E-Mail: [REDACTED]
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):		Telephone: [REDACTED]
		E-Mail: [REDACTED]
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

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

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input type="checkbox"/> No		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input type="checkbox"/> No		
c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
i. Coastal Resources. <p data-bbox="121 829 1485 861">i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p data-bbox="121 892 1485 924">ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p data-bbox="121 924 1485 955">iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		

C. Planning and Zoning

C.1. Planning and zoning actions.

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

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

C.2. Adopted land use plans.

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

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

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

If Yes, identify the plan(s):

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

If Yes, identify the plan(s):

C.3. Zoning

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

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

c. Is a zoning change requested as part of the proposed action? Yes No

If Yes,

i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? _____

b. What police or other public protection forces serve the project site?

c. Which fire protection and emergency medical services serve the project site?

d. What parks serve the project site?

D. Project Details

D.1. Proposed and Potential Development

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

b. a. Total acreage of the site of the proposed action? _____ acres

b. Total acreage to be physically disturbed? _____ acres

c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres

c. Is the proposed action an expansion of an existing project or use? Yes No

i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? Yes No

If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

ii. Is a cluster/conservation layout proposed? Yes No

iii. Number of lots proposed? _____

iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? Yes No

i. If No, anticipated period of construction: _____ months

ii. If Yes:

• Total number of phases anticipated _____

• Anticipated commencement date of phase 1 (including demolition) _____ month _____ year

• Anticipated completion date of final phase _____ month _____ year

• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? Yes No
 If Yes, show numbers of units proposed.

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

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

i. Total number of structures _____

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

iii. Approximate extent of building space to be heated or cooled: _____ square feet

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

i. Purpose of the impoundment: _____

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

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

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

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

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

D.2. Project Operations

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

i. What is the purpose of the excavation or dredging? _____

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

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

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

iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. _____

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

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

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

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan: _____

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

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

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

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes No

If Yes, describe: _____

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

If Yes:

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

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

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

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

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

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

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

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

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

If Yes:

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

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

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

d. Will the proposed action generate liquid wastes? Yes No

If Yes:

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

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

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

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No

• Do existing sewer lines serve the project site? Yes No
 • Will a line extension within an existing district be necessary to serve the project? Yes No
 If Yes:
 • Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No
 If Yes:
 • Applicant/sponsor for new district: _____
 • Date application submitted or anticipated: _____
 • What is the receiving water for the wastewater discharge? _____

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

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

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? Yes No
 If Yes:
 i. How much impervious surface will the project create in relation to total size of project parcel?
 _____ Square feet or _____ acres (impervious surface)
 _____ Square feet or _____ acres (parcel size)
 ii. Describe types of new point sources. _____

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

 • If to surface waters, identify receiving water bodies or wetlands: _____

• Will stormwater runoff flow to adjacent properties? Yes No

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

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? Yes No
 If Yes, identify:
 i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

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

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

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? Yes No
 If Yes:
 i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes No
 ii. In addition to emissions as calculated in the application, the project will generate:
 • _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
 • _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
 • _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
 • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
 • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
 • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

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

If Yes:

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

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

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

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

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

If Yes:

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

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

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

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

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

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes No

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

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

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

If Yes:

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

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

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

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

<p><i>i.</i> During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p><i>ii.</i> During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____
---	--

<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p> <p>_____</p>	
<p>n. Will the proposed action have outdoor lighting? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>_____</p> <p>_____</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p> <p>_____</p>	
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p> <p>_____</p> <p>_____</p>	
<p>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally, describe the proposed storage facilities: _____</p> <p>_____</p>	
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>ii. Will the proposed action use Integrated Pest Management Practices? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> • Construction: _____ tons per _____ (unit of time) • Operation : _____ tons per _____ (unit of time) <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> • Construction: _____ _____ • Operation: _____ _____ <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> • Construction: _____ _____ • Operation: _____ _____ 	

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No
 If Yes:
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____
 ii. Anticipated rate of disposal/processing:
 • _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
 • _____ Tons/hour, if combustion or thermal treatment
 iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No
 If Yes:
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

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

 iii. Specify amount to be handled or generated _____ tons/month
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No
 If Yes: provide name and location of facility: _____

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

E. Site and Setting of Proposed Action

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

a. Existing land uses.
 i. Check all uses that occur on, adjoining and near the project site.
 Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Aquatic Other (specify): _____
 ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

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

c. Is the project site presently used by members of the community for public recreation? Yes No
i. If Yes: explain: _____

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

e. Does the project site contain an existing dam? Yes No
If Yes:
i. Dimensions of the dam and impoundment:

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

ii. Dam's existing hazard classification: _____
iii. Provide date and summarize results of last inspection:

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

- If yes, cite sources/documentation: _____

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

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? Yes No
If Yes:
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? Yes No
If Yes:
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No
 Yes – Spills Incidents database Provide DEC ID number(s): _____
 Yes – Environmental Site Remediation database Provide DEC ID number(s): _____
 Neither database
ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No
If yes, provide DEC ID number(s): _____
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

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

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

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? _____ feet

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

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

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

e. Drainage status of project site soils: Well Drained: _____ % of site
 Moderately Well Drained: _____ % of site
 Poorly Drained _____ % of site

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

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

h. Surface water features.

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

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No
 If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

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

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

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

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No
 If yes, name of impaired water body/bodies and basis for listing as impaired: _____

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

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

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

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No
 If Yes:
 i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site: _____ _____ _____	
n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Describe the habitat/community (composition, function, and basis for designation): _____ _____ <i>ii.</i> Source(s) of description or evaluation: _____ <i>iii.</i> Extent of community/habitat: <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres 	
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Species and listing (endangered or threatened): _____ _____ _____	
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Species and listing: _____ _____	
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, give a brief description of how the proposed action may affect that use: _____ _____	
E.3. Designated Public Resources On or Near Project Site	
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, provide county plus district name/number: _____	
b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>i.</i> If Yes: acreage(s) on project site? _____ <i>ii.</i> Source(s) of soil rating(s): _____	
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature <i>ii.</i> Provide brief description of landmark, including values behind designation and approximate size/extent: _____ _____ _____	
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> CEA name: _____ <i>ii.</i> Basis for designation: _____ <i>iii.</i> Designating agency and date: _____	

<p>e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District</p> <p style="margin-left: 20px;">ii. Name: _____</p> <p style="margin-left: 20px;">iii. Brief description of attributes on which listing is based: _____</p>
<p>f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Describe possible resource(s): _____</p> <p style="margin-left: 20px;">ii. Basis for identification: _____</p>
<p>h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Identify resource: _____</p> <p style="margin-left: 20px;">ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____</p> <p style="margin-left: 20px;">iii. Distance between project and resource: _____ miles.</p>
<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Identify the name of the river and its designation: _____</p> <p style="margin-left: 20px;">ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>

F. Additional Information


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

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

G. Verification

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

Applicant/Sponsor Name _____ Date _____

Signature  _____ Title _____
 On behalf of the Applicant/Sponsor

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

B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas:West Erie Canal Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	828152
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	No

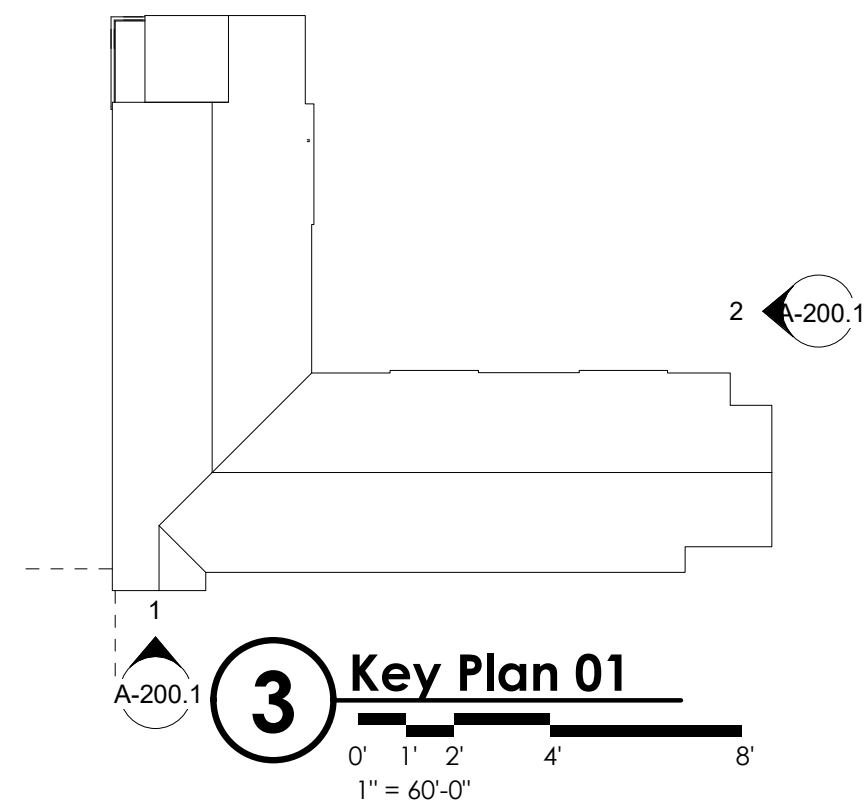
E.3.i. [Designated River Corridor]

No

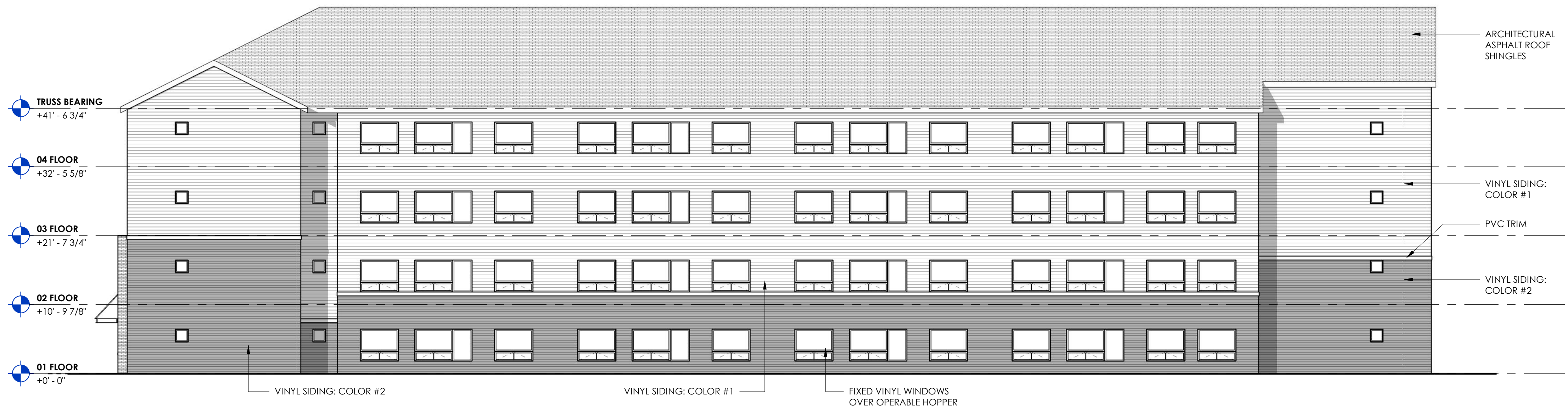
EXTERIOR MATERIAL LEGEND

	SIDING #1
	SIDING #2
	BRICK #1
	BRICK #2
	ASPHALT SHINGLE

MATERIALS AND COLOR SELECTION REPRESENT THE BASIS OF DESIGN AND NOT NECESSARILY THE FINAL PRODUCT CHOICE. ARCHITECT AND OWNER TO REVIEW AND APPROVE MATERIAL SAMPLES.



2 EAST ELEVATION - SHORT FACE
0' 1' 2' 4' 8'
3/32" = 1'-0"



1 SOUTH ELEVATION - LONG FACE
0' 1' 2' 4' 8'
3/32" = 1'-0"

STAMP:

CLIENT:
DAKOTA PARTNERS
235 BEAR HILL RD, STE 400
WALTHAM, MA 02451

Passero Associates

242 WEST MAIN ST., SUITE 100 ROCHESTER, NY 14614
585 325-1000 FAX: (585) 325-1691
PROJECT MANAGER: JEREMY WHITE, AIA
PROJECT ARCHITECT: EDUARDO NAVARRO, AIA
DESIGNERS: CASEY CALHOUN, ASSOC. AIA, ZACH DAVIS, ASSOC. AIA

NO.	DATE	BY	DESCRIPTION

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EXTERIOR ELEVATIONS
CALKINS ROAD
SOUTHRIDGE LANDING
TOWN/CITY: HENRIETTA
COUNTY: MONROE STATE: NY

PROJECT NO.: **20223310.002**

DRAWING NO.: **A-200.1**

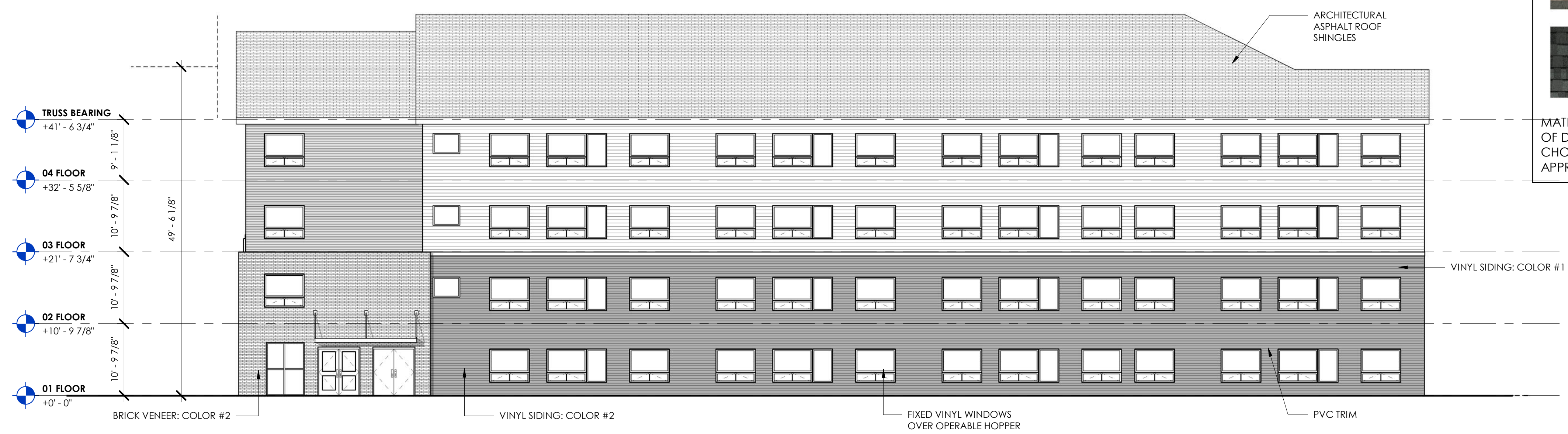
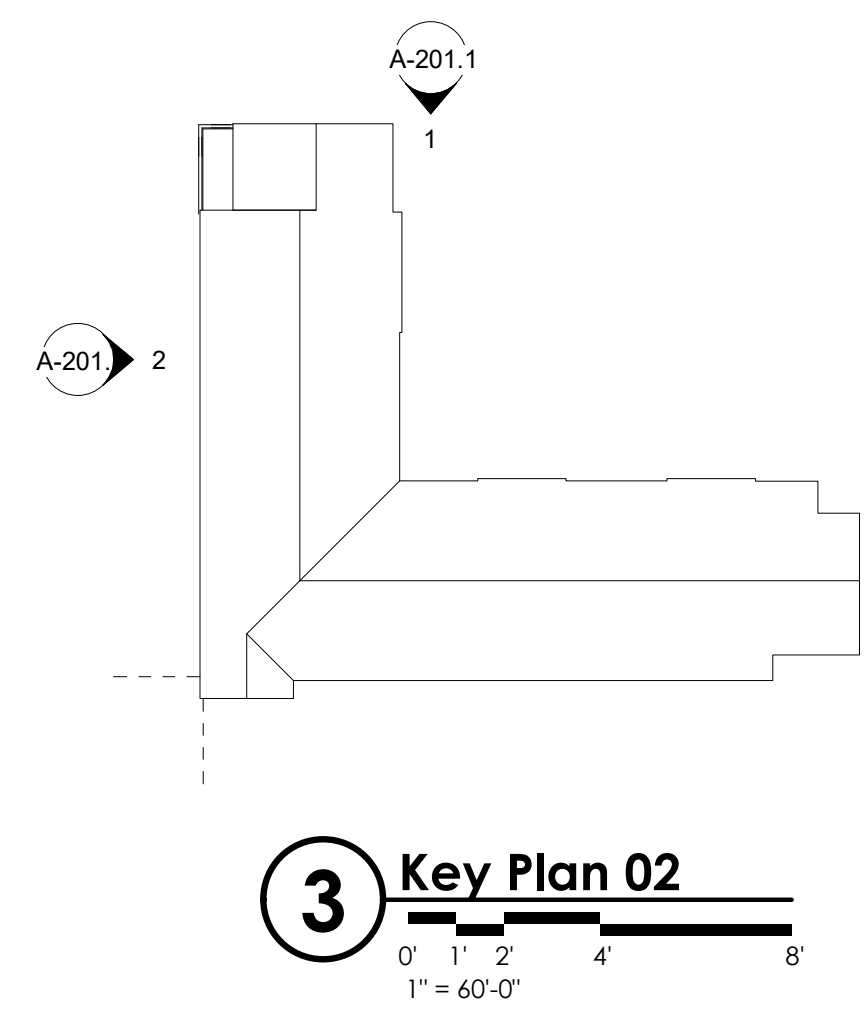
DATE: **October 7, 2022**

HCR PRELIMINARY SUBMISSION

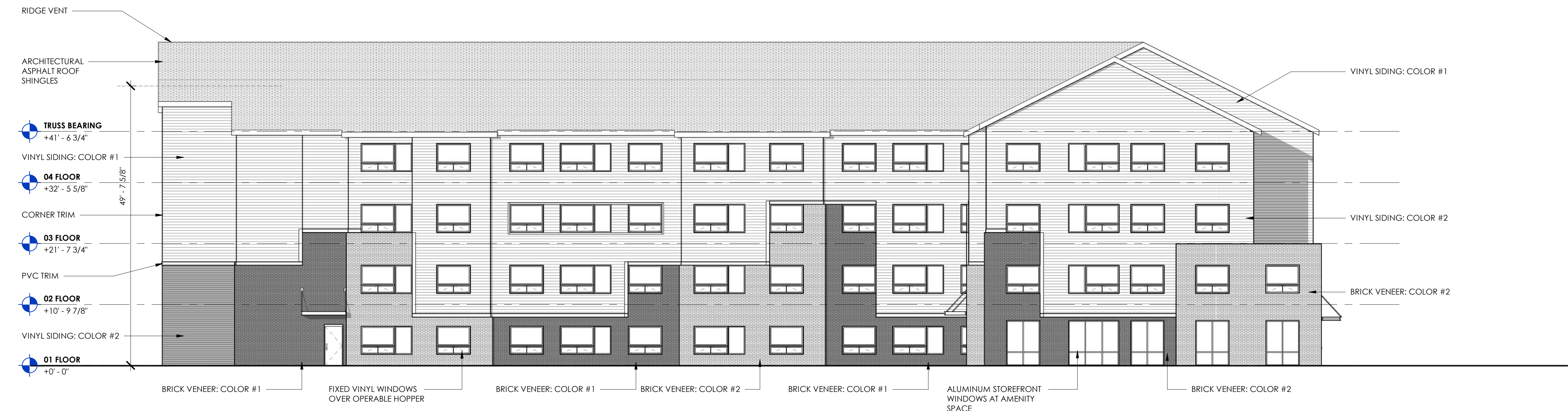
EXTERIOR MATERIAL LEGEND

	SIDING #1
	SIDING #2
	BRICK #1
	BRICK #2
	ASPHALT SHINGLE

MATERIALS AND COLOR SELECTION REPRESENT THE BASIS OF DESIGN AND NOT NECESSARILY THE FINAL PRODUCT CHOICE. ARCHITECT AND OWNER TO REVIEW AND APPROVE MATERIAL SAMPLES.



2 WEST ELEVATION
0' 1' 2' 4' 8'
3/32" = 1'-0"



1 NORTH ELEVATION
0' 1' 2' 4' 8'
3/32" = 1'-0"

STAMP:

CLIENT:
DAKOTA PARTNERS
235 BEAR HILL RD, STE 400
WALTHAM, MA 02451

Passero Associates
242 WEST MAIN ST., SUITE 100 (585) 325-1000
ROCHESTER, NY 14614 FAX: (585) 325-1691

PROJECT MANAGER: JEREMY WHITE, AIA
PROJECT ARCHITECT: EDUARDO NAVARRO, AIA
DESIGNERS: CASEY CALHOUN, ASSOC. AIA; ZACH DAVIS, ASSOC. AIA

NO.	DATE	BY	DESCRIPTION

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EXTERIOR ELEVATIONS
CALKINS ROAD
SOUTHRIDGE LANDING
TOWN/CITY: HENRIETTA
COUNTY: MONROE STATE: NY

PROJECT NO.:
20223310.002

DRAWING NO.:
A-201.1

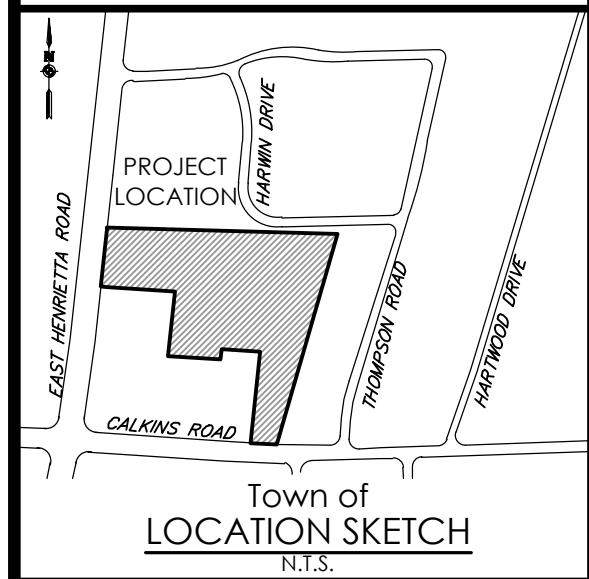
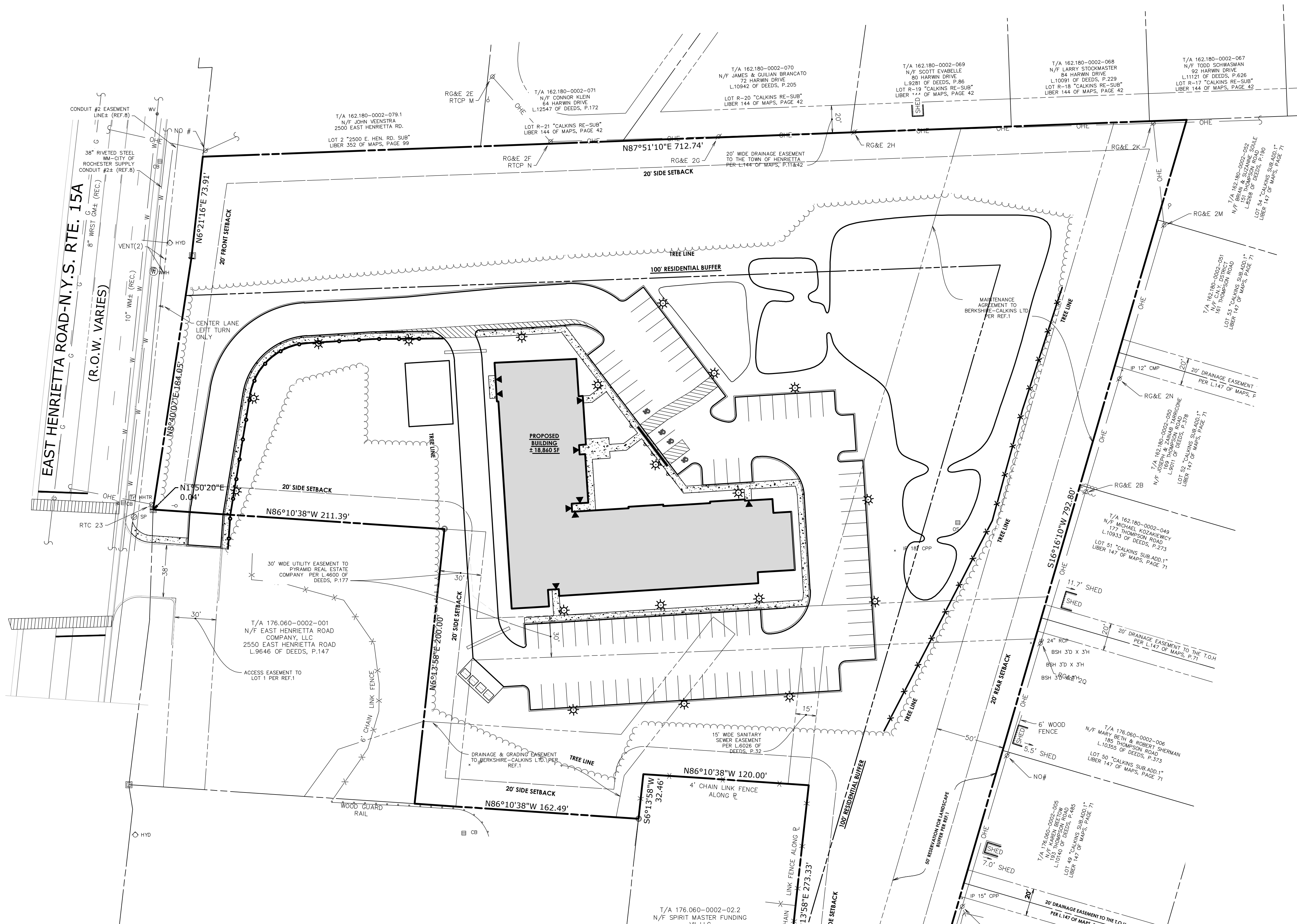
DATE:
October 7, 2022

HCR PRELIMINARY SUBMISSION

SITE DEVELOPMENT PLANS FOR SOUTHRIDGE LANDING TOWN OF HENRIETTA, MONROE COUNTY, NEW YORK P.N. 20223310.0001

DRAWING INDEX

C 101	COVER
C 102	SITE PLAN
C 103	EXISTING CONDITIONS & DEMOLITION PLAN
C 104	UTILITY PLAN
C 105	GRADING PLAN
C 106	PROFILES
C 107	LANDSCAPING & LIGHTING PLAN
C 201-207	NOTES & DETAILS



Client:
DAKOTA PARTNERS, INC.
235 BEAR HILL ROAD
WALTHAM, MA, 02451

PASSERO ASSOCIATES
242 West Main Street Suite 100
Rochester, New York 14614
Principal-in-Charge: **Jess Sudol, PE**
Project Manager: **David Cox, PE**
Designed by: **Joshua Saxton, EIT**



Revisions

No.	Date	By	Description
1	5/8/22	JDS	PER TOWN BOARD COMMENTS
2	5/24/22	JDS	PER FIRE MARSHAL COMMENTS
3	6/9/22	JDS	PER TOWN COMMENTS
4	8/24/22	JDS	PER TOWN COMMENTS

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COVER

SOUTHRIDGE LANDING

Town/City: HENRIETTA
County: MONROE State: NEW YORK

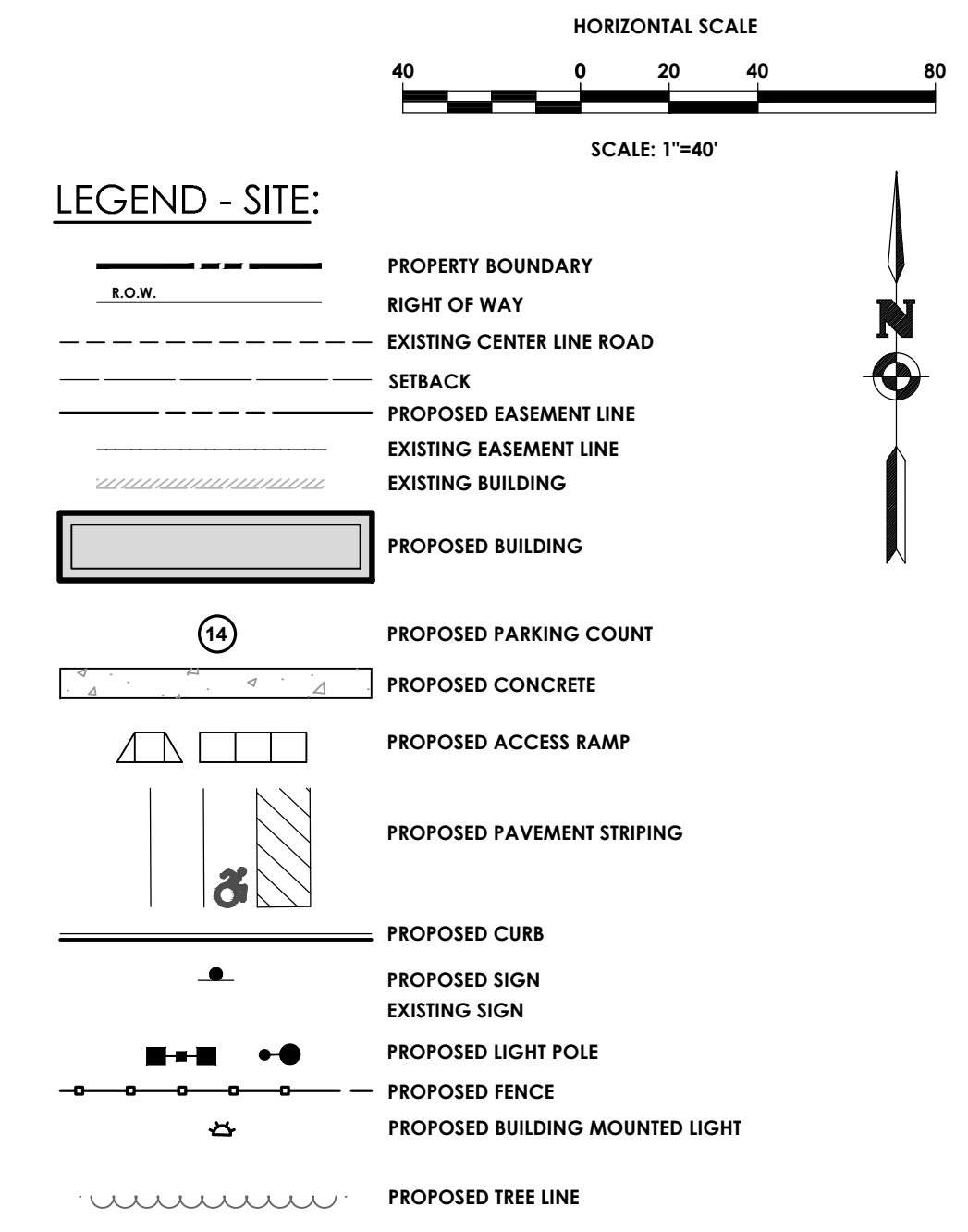
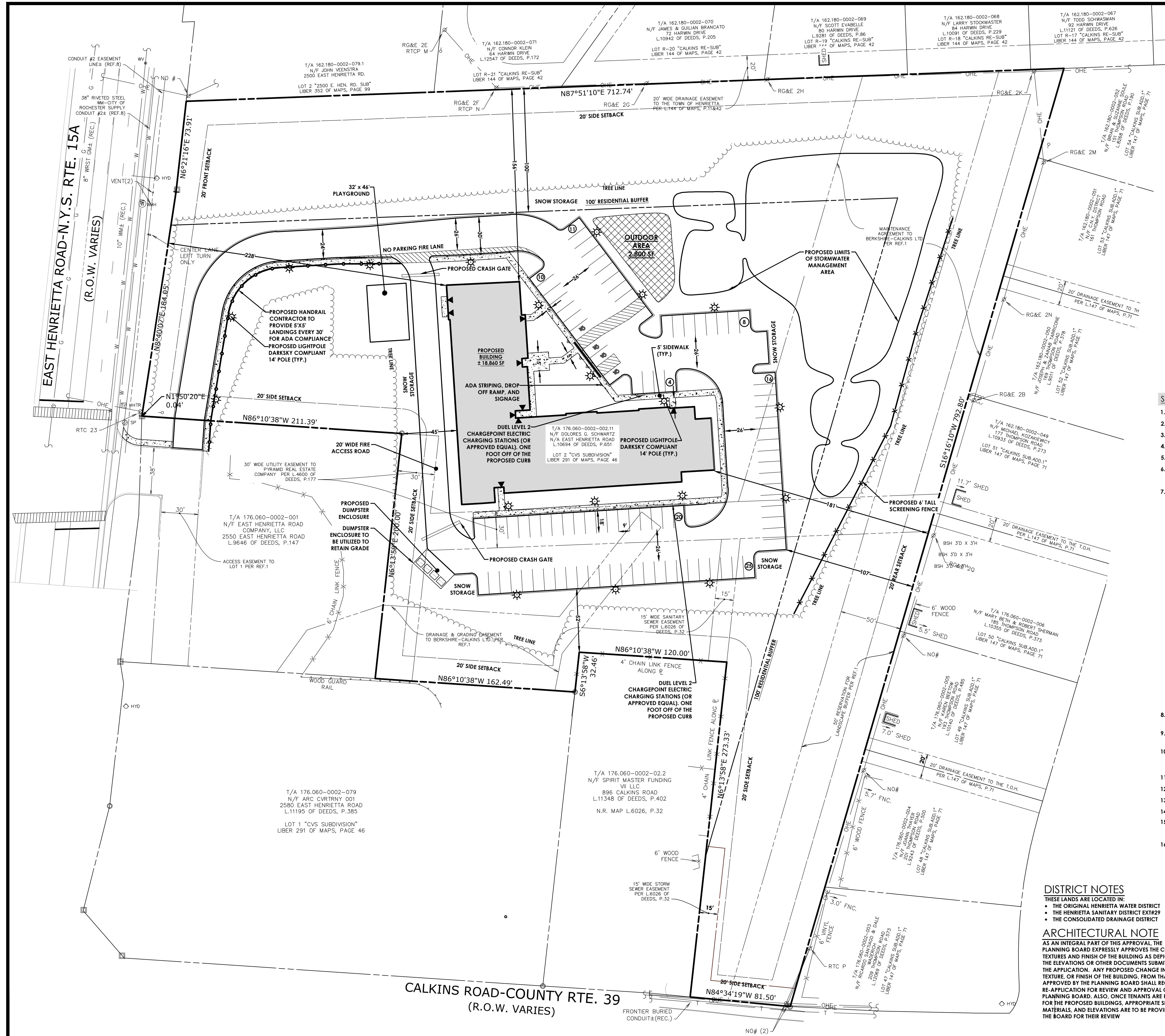
Project No:
20223310.0001

Drawing No.
C 101

Date
OCTOBER 2022

NOT FOR CONSTRUCTION

Y:\PROJECTS-NEW\2022\2023310\01_CAD-BIM-MODELS\CIVIL\2023310.0001_SITE.DWG 10/12/2022 11:01 AM Joshua Scotton



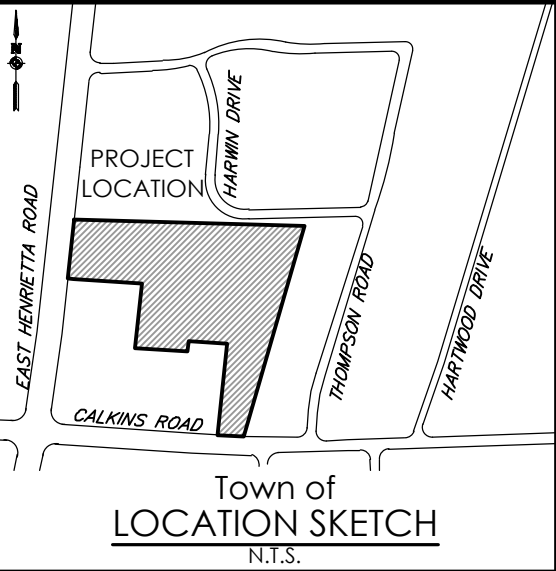
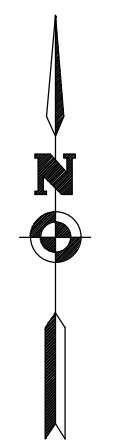
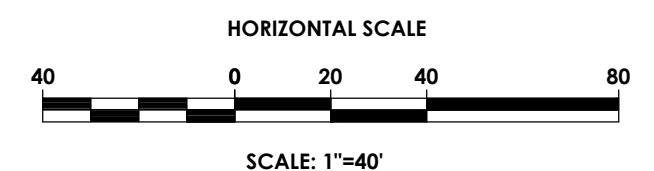
SITE DATA table with 7 rows and 2 columns: Item, Description. Includes Tax Account Number, Parcel Address, Total Parcel Area, Area of Disturbance, Existing Zoning, Existing Use, Proposed Use, and Area Requirements.

BULK AREA REQUIREMENTS table with 3 columns: LOT, REQUIRED, PROPOSED. Rows include Open/Green Space, Setback, Front, Side, Rear, Building, Height, Density, Parking, Stalls (Qty.), Stall Size (Perpendicular), and Drive Aisle (Width).

Table with 3 columns: No., Description, YES/NO. Lists regulatory requirements such as State Regulated Wetlands, Flood Plain, Public Water, Electric Service, Gas Service, Sanitary Sewer, and Storm Sewer & Drainage facilities.

DISTRICT NOTES: THESE LANDS ARE LOCATED IN: THE ORIGINAL HENRIETTA WATER DISTRICT, THE HENRIETTA SANITARY DISTRICT EXT#29, AND THE CONSOLIDATED DRAINAGE DISTRICT. ARCHITECTURAL NOTE: AS AN INTEGRAL PART OF THIS APPROVAL THE PLANNING BOARD EXPRESSLY APPROVES THE COLOR, TEXTURES AND FINISH OF THE BUILDING AS DEPICTED ON THE ELEVATIONS OR OTHER DOCUMENTS SUBMITTED WITH THE APPLICATION...

APPROVED BY table with 4 rows and 2 columns: Role (e.g., Planning Board Chairman, Director of Engineering and Planning, Fire Marshal, Director of Building and Fire Prevention, Commissioner of Public Works) and Date.



Client: DAKOTA PARTNERS, INC. 235 BEAR HILL ROAD WALTHAM, MA, 02451

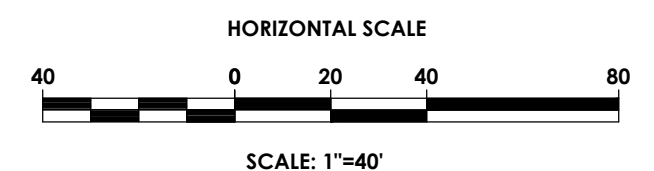
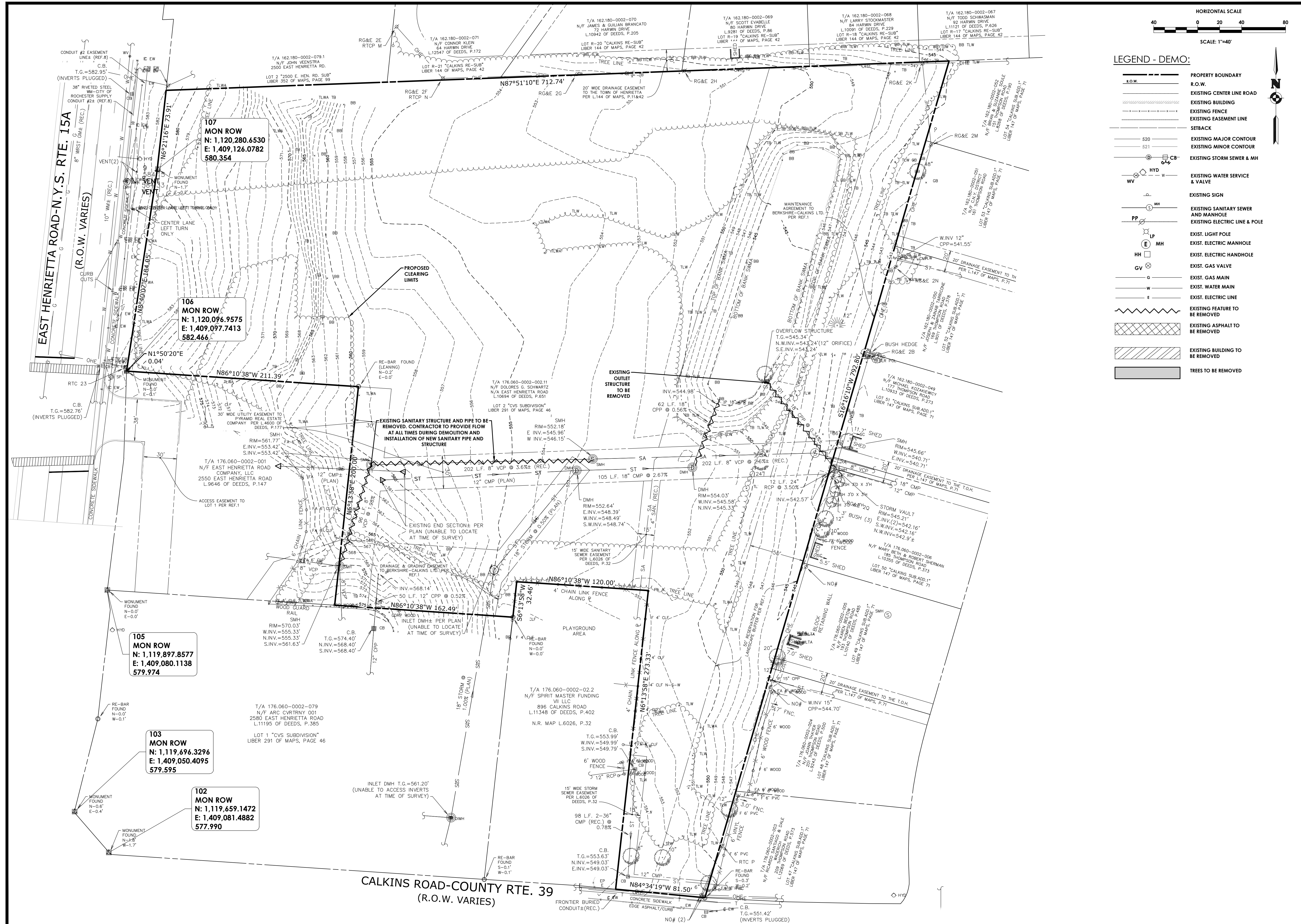
PASSERO ASSOCIATES 242 West Main Street Suite 100 Rochester, New York 14614 (585) 325-1000 Fax: (585) 325-1691 Principal-in-Charge: Jess Sudol, PE Project Manager: David Cox, PE Designed by: Joshua Saxton, EIT



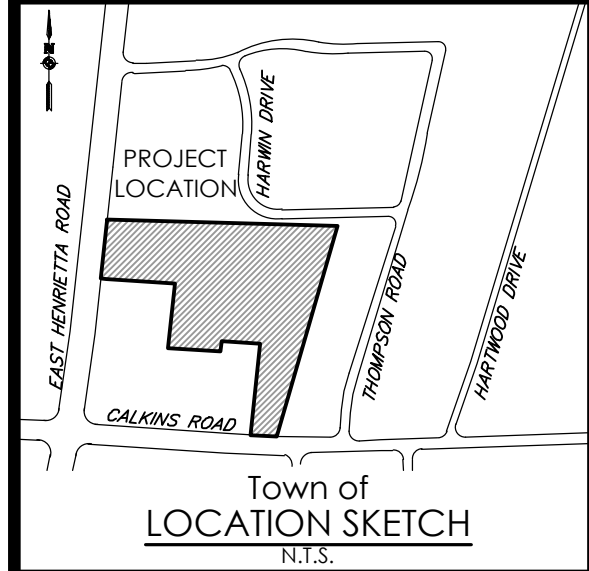
Revisions table with 4 columns: No., Date, By, Description. Lists 4 revisions from 5/9/22 to 8/24/22.

SITE PLAN SOUTH RIDGE LANDING Town/City: HENRIETTA County: MONROE State: NEW YORK Project No: 20223310.0001 Drawing No: C 102 Date: OCTOBER 2022 NOT FOR CONSTRUCTION

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- LEGEND - DEMO:**
- E.O.W.
 - R.O.W.
 - EXISTING CENTER LINE ROAD
 - EXISTING BUILDING
 - EXISTING FENCE
 - EXISTING EASEMENT LINE
 - SETBACK
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - EXISTING STORM SEWER & MH
 - EXISTING WATER SERVICE & VALVE
 - EXISTING SIGN
 - EXISTING SANITARY SEWER AND MANHOLE
 - EXISTING ELECTRIC LINE & POLE
 - EXIST. LIGHT POLE
 - EXIST. ELECTRIC MANHOLE
 - EXIST. ELECTRIC HANDHOLE
 - EXIST. GAS VALVE
 - EXIST. GAS MAIN
 - EXIST. WATER MAIN
 - EXIST. ELECTRIC LINE
 - EXISTING FEATURE TO BE REMOVED
 - EXISTING ASPHALT TO BE REMOVED
 - EXISTING BUILDING TO BE REMOVED
 - TREES TO BE REMOVED



Town of
LOCATION SKETCH
N.T.S.

Client:
DAKOTA PARTNERS, INC.
235 BEAR HILL ROAD
WALTHAM, MA, 02451

PASSERO ASSOCIATES
242 West Main Street Suite 100
Rochester, New York 14614
Principal-in-Charge: **Jess Sudol, PE**
Project Manager: **David Cox, PE**
Designed by: **Joshua Saxton, EIT**



Revisions

No.	Date	By	Description
1	5/9/22	JDS	PER TOWN BOARD COMMENTS
2	5/24/22	JDS	PER FIRE MARSHAL COMMENTS
3	6/9/22	JDS	PER TOWN COMMENTS
4	8/24/22	JDS	PER TOWN COMMENTS

EXISTING CONDITIONS & DEMOLITION PLAN

SOUTHRIDGE LANDING

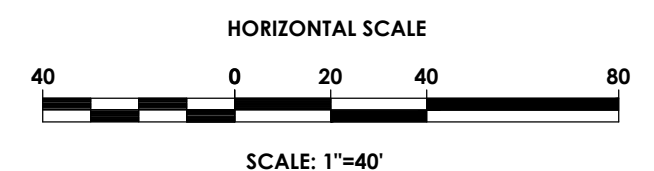
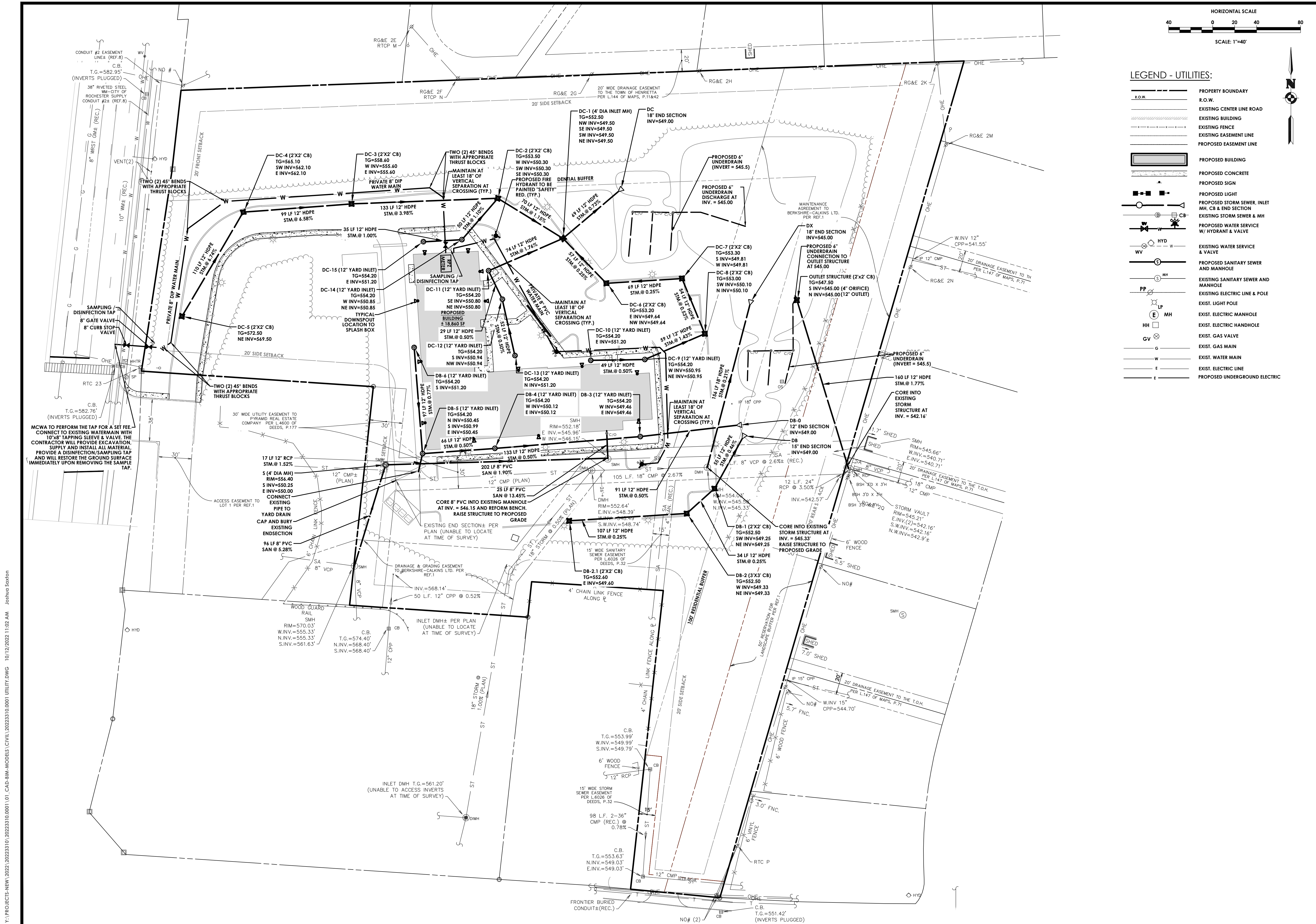
Town/City: HENRIETTA
County: MONROE State: NEW YORK

Project No:
20223310.0001

Drawing No.
C 103

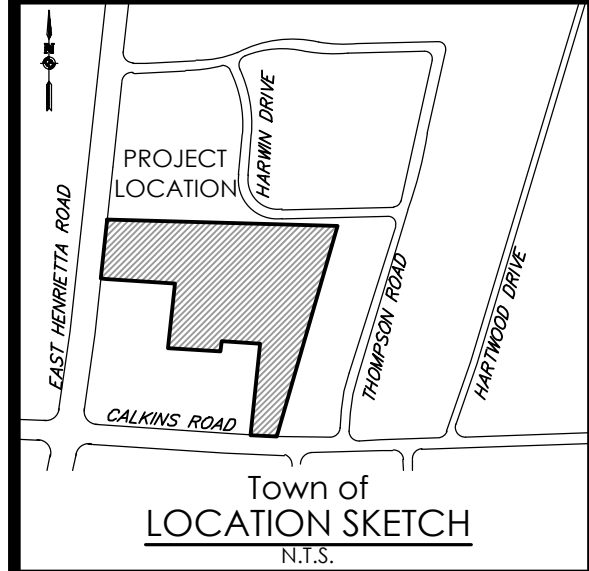
Date
OCTOBER 2022

NOT FOR CONSTRUCTION



LEGEND - UTILITIES:

- PROPERTY BOUNDARY
- R.O.W.
- EXISTING CENTER LINE ROAD
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- PROPOSED BUILDING
- PROPOSED CONCRETE
- PROPOSED SIGN
- PROPOSED LIGHT
- PROPOSED STORM SEWER INLET
- MH, CB & END SECTION
- EXISTING STORM SEWER & MH
- PROPOSED WATER SERVICE W/ HYDRANT & VALVE
- EXISTING WATER SERVICE & VALVE
- PROPOSED SANITARY SEWER AND MANHOLE
- EXISTING SANITARY SEWER AND MANHOLE
- EXISTING ELECTRIC LINE & POLE
- EXIST. LIGHT POLE
- EXIST. ELECTRIC MANHOLE
- EXIST. ELECTRIC HANDHOLE
- EXIST. GAS VALVE
- EXIST. GAS MAIN
- EXIST. WATER MAIN
- EXIST. ELECTRIC LINE
- PROPOSED UNDERGROUND ELECTRIC



Town of
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N.T.S.

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Revisions			
No.	Date	By	Description
1	5/9/22	JDS	PER TOWN BOARD COMMENTS
2	5/24/22	JDS	PER FIRE MARSHAL COMMENTS
3	6/9/22	JDS	PER TOWN COMMENTS
4	8/24/22	JDS	PER TOWN COMMENTS

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UTILITY PLAN

SOUTHRIDGE LANDING

Town/City: HENRIETTA
County: MONROE State: NEW YORK

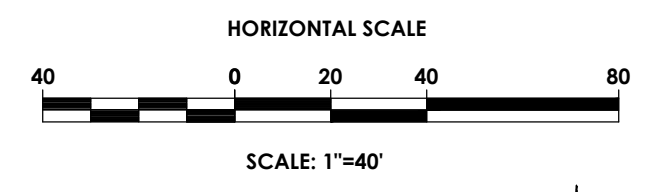
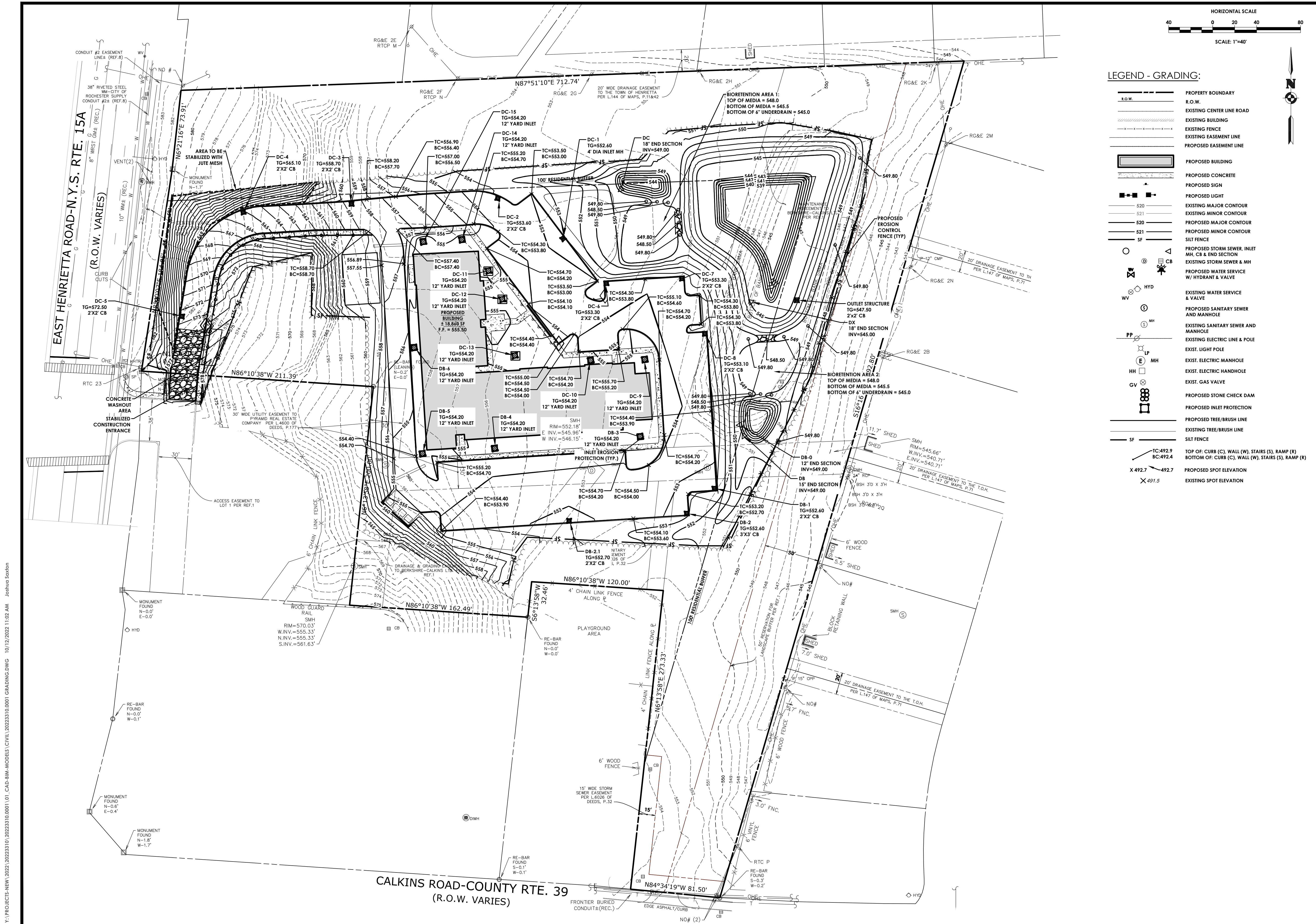
Project No:
20223310.0001

Drawing No.
C 104

Date
OCTOBER 2022

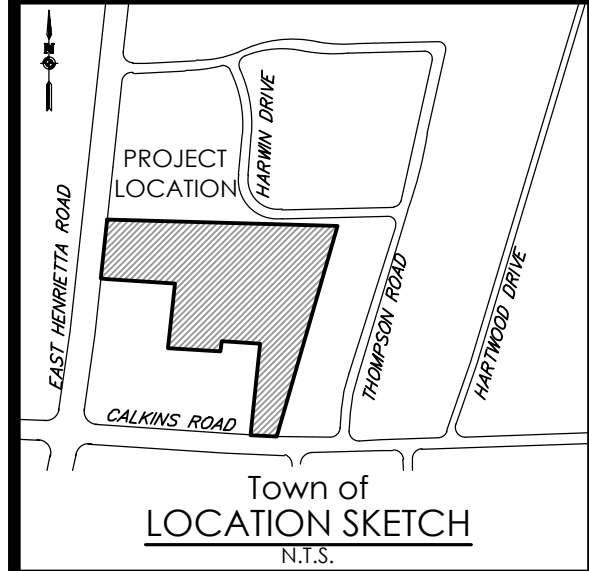
NOT FOR CONSTRUCTION

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LEGEND - GRADING:

- PROPERTY BOUNDARY
- R.O.W.
- EXISTING CENTER LINE ROAD
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- PROPOSED BUILDING
- PROPOSED CONCRETE
- PROPOSED SIGN
- PROPOSED LIGHT
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED STORM SEWER INLET
- EXISTING STORM SEWER & MH
- PROPOSED WATER SERVICE W/ HYDRANT & VALVE
- EXISTING WATER SERVICE & VALVE
- PROPOSED SANITARY SEWER AND MANHOLE
- EXISTING SANITARY SEWER AND MANHOLE
- EXIST. ELECTRIC LINE & POLE
- EXIST. LIGHT POLE
- EXIST. ELECTRIC MANHOLE
- EXIST. ELECTRIC HANDHOLE
- EXIST. GAS VALVE
- PROPOSED STONE CHECK DAM
- PROPOSED INLET PROTECTION
- PROPOSED TREE/BRUSH LINE
- EXISTING TREE/BRUSH LINE
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- TOP OF CURB (C), WALL (W), STAIRS (S), RAMP (R)
- BOTTOM OF CURB (C), WALL (W), STAIRS (S), RAMP (R)
- PROPOSED SPOT ELEVATION X 492.7
- EXISTING SPOT ELEVATION X 491.5



Town of
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Rochester, New York 14614
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Revisions			
No.	Date	By	Description
1	5/8/22	JDS	PER TOWN BOARD COMMENTS
2	5/24/22	JDS	PER FIRE MARSHAL COMMENTS
3	6/9/22	JDS	PER TOWN COMMENTS
4	8/24/22	JDS	PER TOWN COMMENTS

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GRADING PLAN

SOUTHRIDGE LANDING

Town/City: HENRIETTA
County: MONROE State: NEW YORK

Project No:
20223310.0001

Drawing No.
C 105

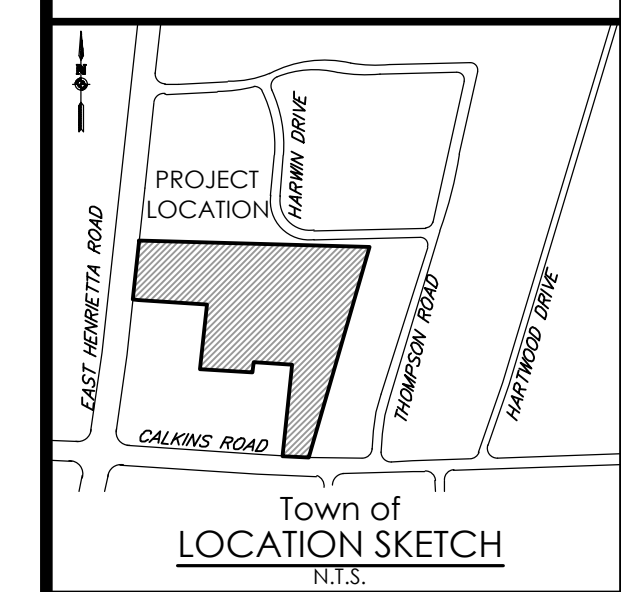
Date
OCTOBER 2022

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Town of
LOCATION SKETCH
N.T.S.

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DAKOTA PARTNERS, INC.
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WALTHAM, MA, 02451

PASSERO ASSOCIATES
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Revisions			
No.	Date	By	Description
1	5/8/22	JDS	PER TOWN BOARD COMMENTS
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3	6/9/22	JDS	PER TOWN COMMENTS
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PROFILES

SOUTHRIDGE LANDING

Town/City: HENRIETTA
County: MONROE State: NEW YORK

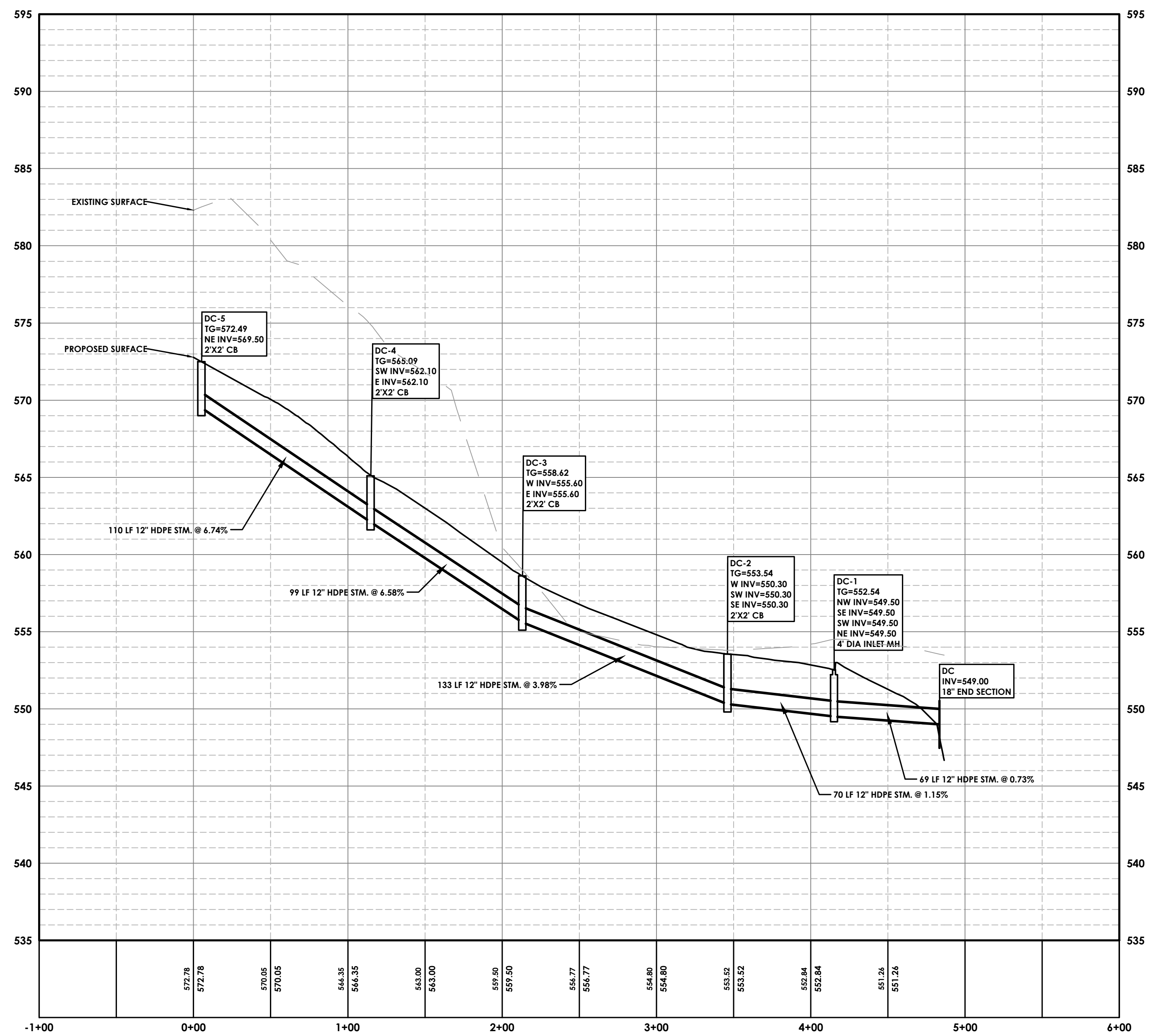
Project No.
20223310.0001

Drawing No.

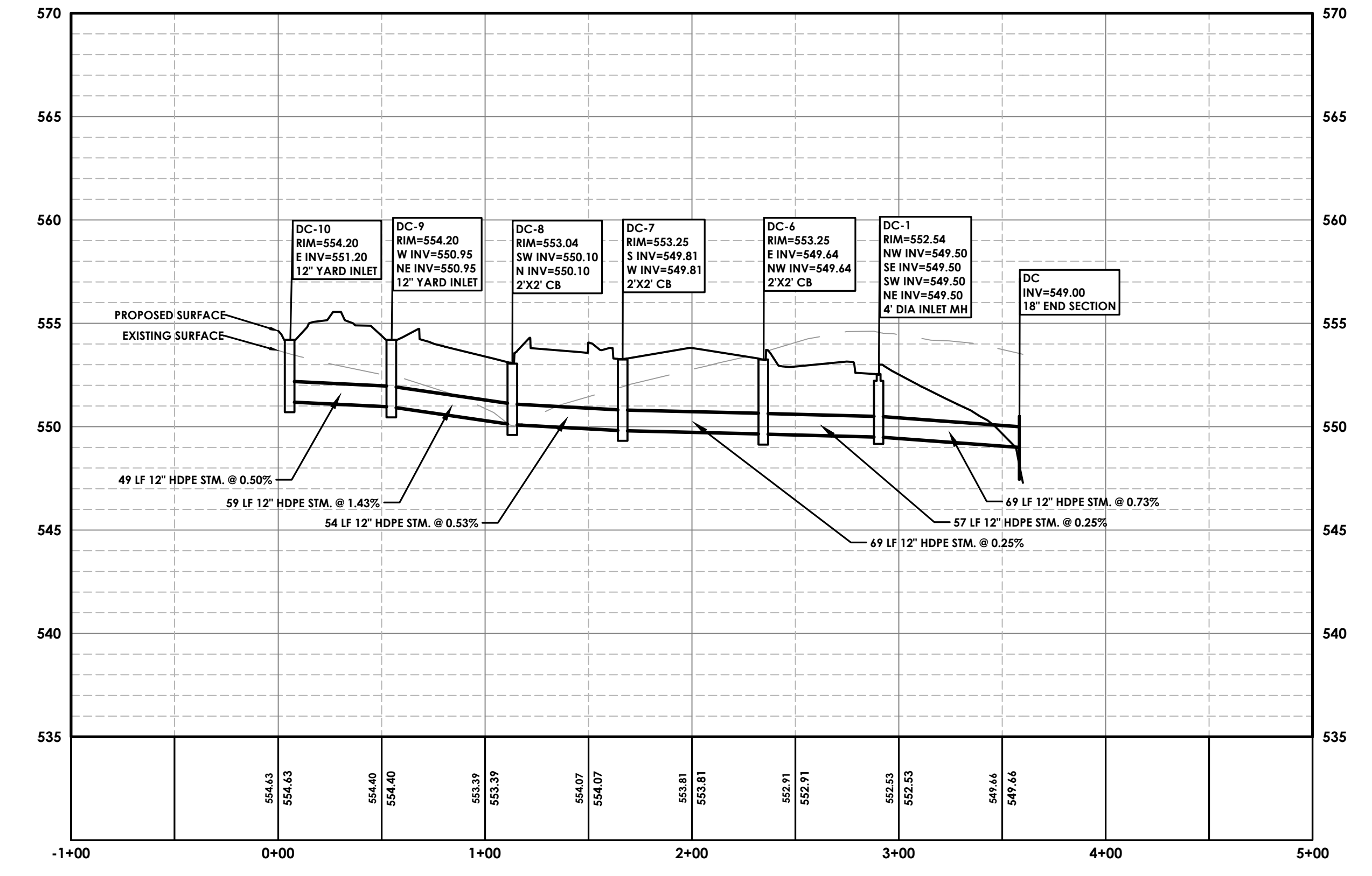
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Date
OCTOBER 2022

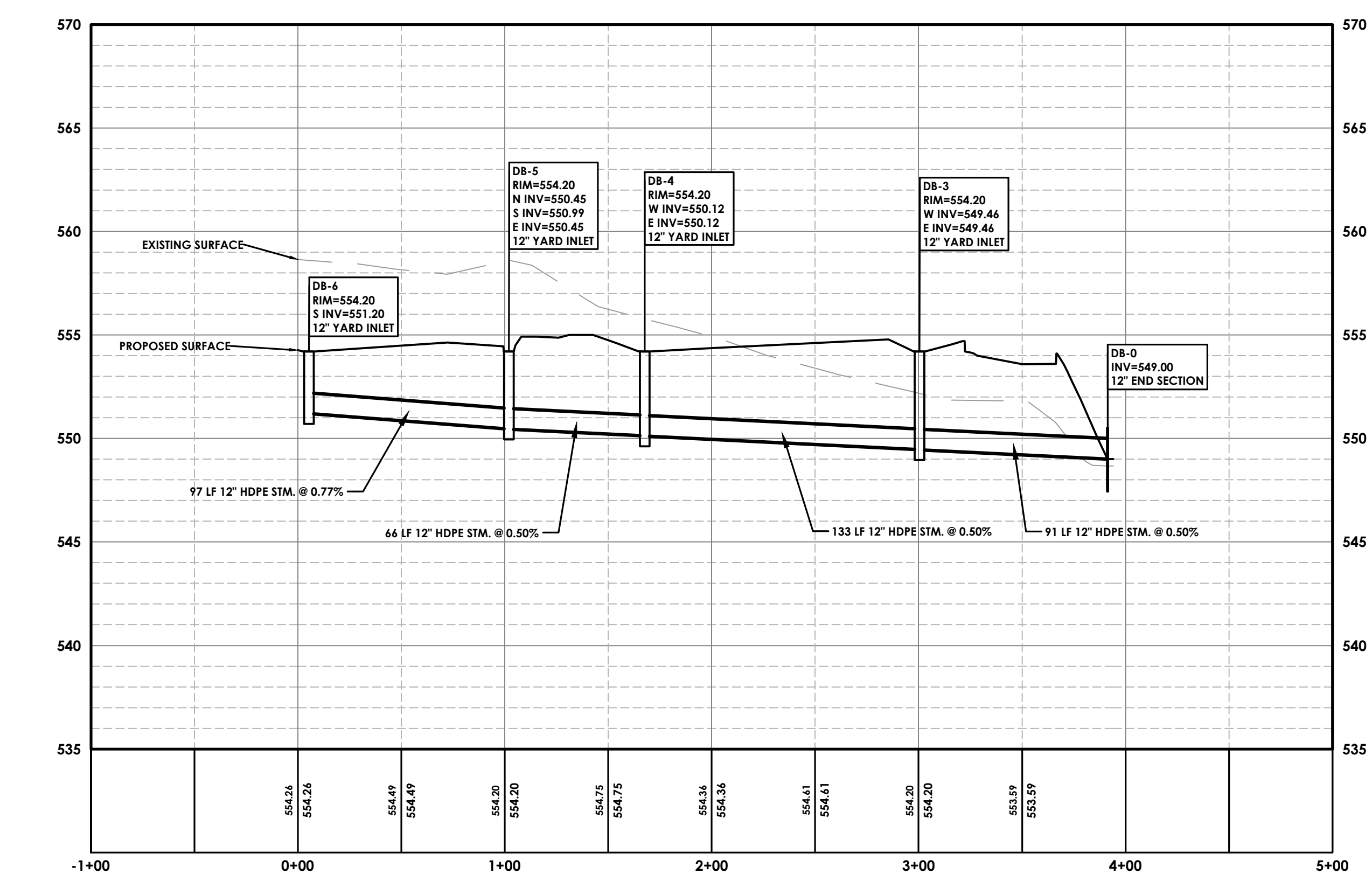
NOT FOR CONSTRUCTION



DC-5 TO DC PROFILE
SCALE: HORIZONTAL - 1" = 50'
VERTICAL - 1" = 5'



DC-10 TO DC PROFILE
SCALE: HORIZONTAL - 1" = 50'
VERTICAL - 1" = 5'

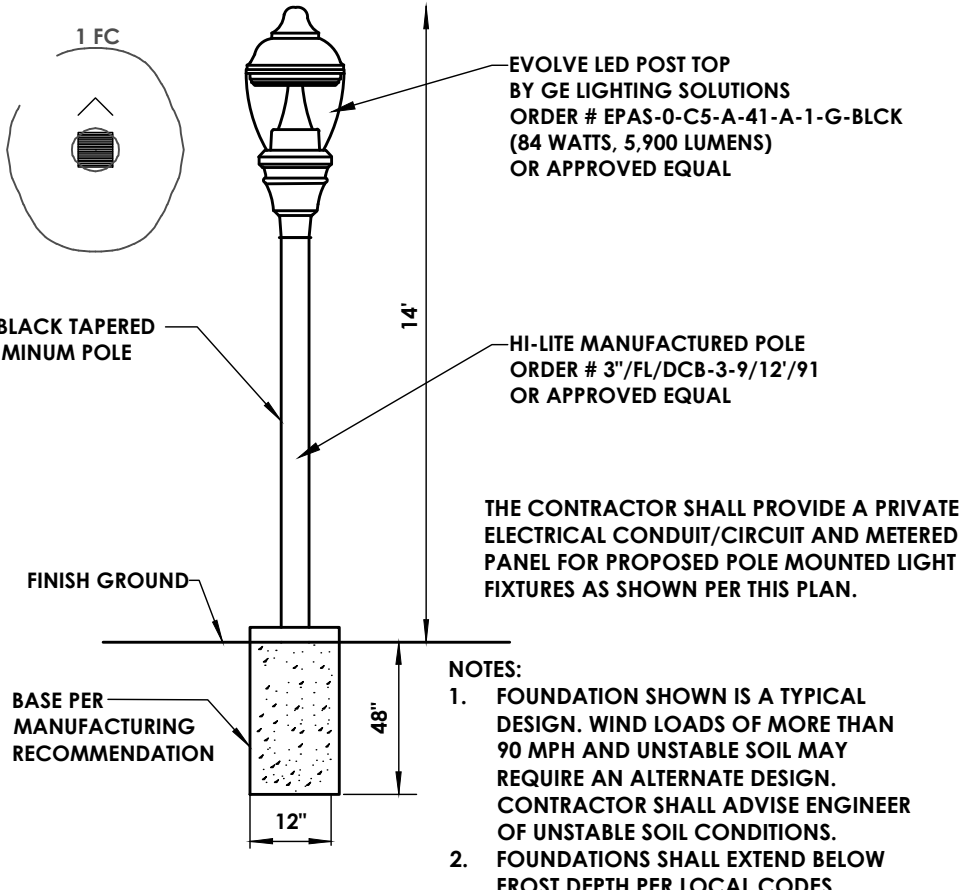
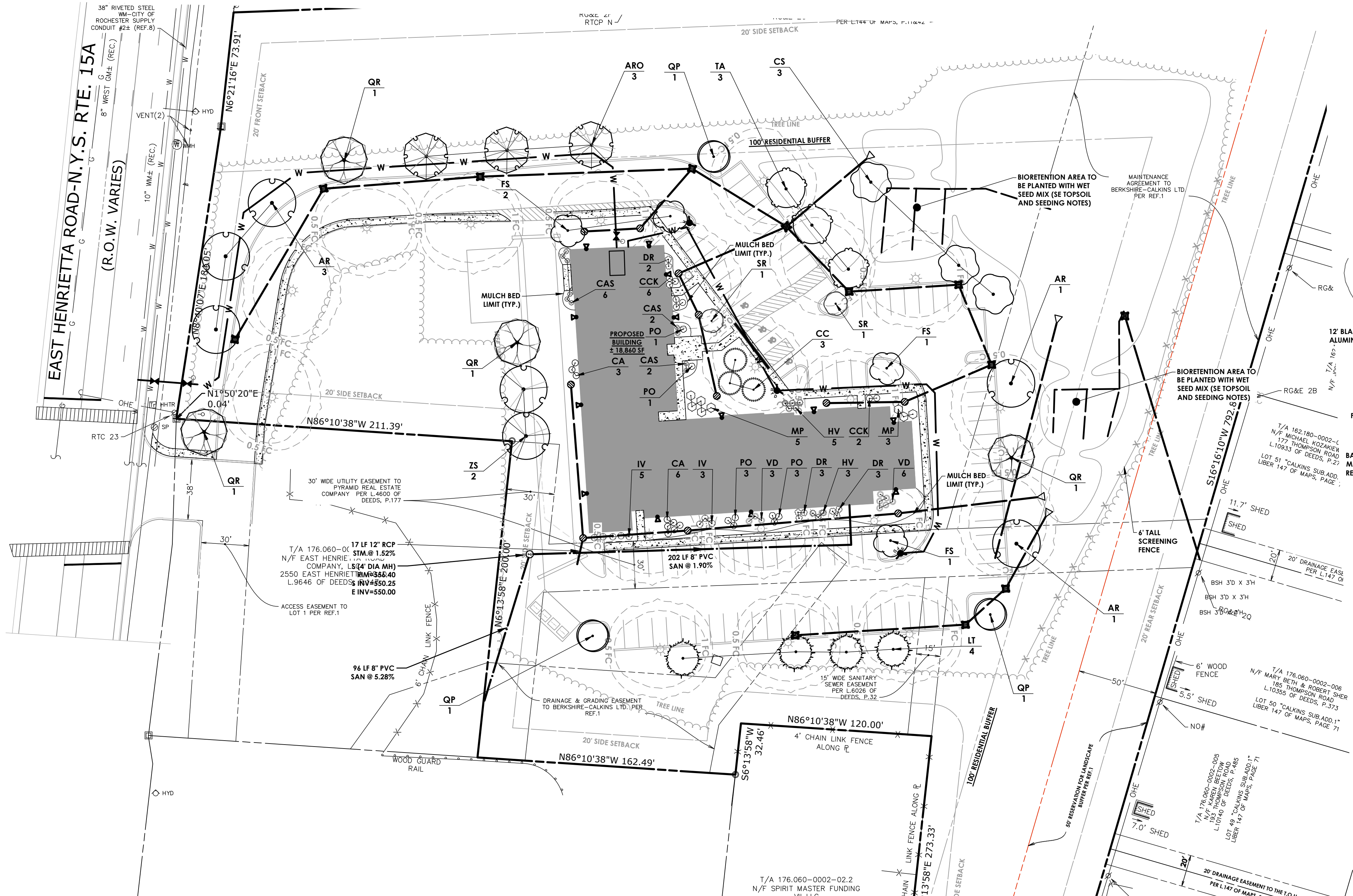


DB-6 to DB-0 PROFILE
SCALE: HORIZONTAL - 1" = 50'
VERTICAL - 1" = 5'

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PLANT SCHEDULE

DECIDUOUS TREES	CODE
	AR
	ARO
	CS
	CC
	FS
	LT
	QP
	QR
	SR
	TA
	ZS
SHRUBS	CODE
	CAS
	CA
	CCK
	DR
	HV
	IV
	MP
	PO
	VD



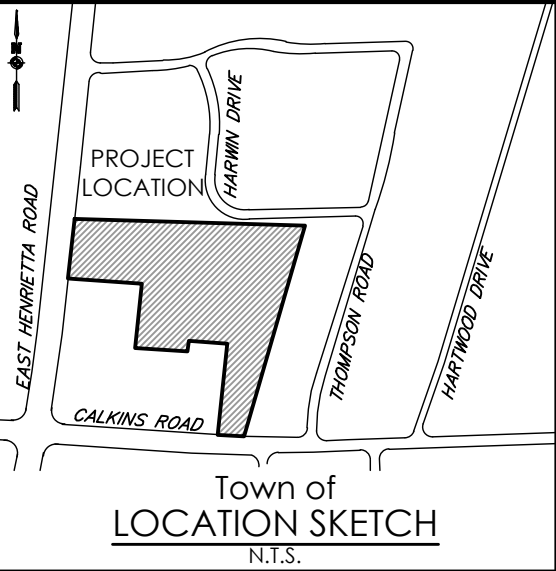
POLE MOUNTED LIGHT DETAIL
NOT TO SCALE (PRIVATE)

SEEDING NOTE:

TEMPORARY SEEDING WILL BE REQUIRED PER THE SWPPP REGULATIONS FOR EACH PHASE. SEED MIX A WILL BE USED IN ALL DISTURBED LAWN AREAS (NON-IMPERVIOUS SURFACES) AND SEED MIX B WILL BE USED IN BIORETENTION AREAS.

TOWN OF HENRIETTA LANDSCAPE NOTE

- ALL DECIDUOUS TREES MUST BE A MINIMUM DIAMETER OF 3-3.5" IN DIAMETER AS MEASURED AT CALIPER (6" ABOVE GROUND)
- ALL ORNAMENTAL TREES MUST BE A MINIMUM DIAMETER OF 2-2.5" IN DIAMETER AS MEASURED AT CALIPER (6" ABOVE GROUND)
- ALL EVERGREEN TREES MUST BE A MINIMUM HEIGHT OF 4-7' UNLESS OTHERWISE REQUESTED, BAGGED AND BALLED.
- LOW SHRUBS SHALL BE A MINIMUM OF 24" HIGH
- CONTRACTOR TO TAKE SPECIAL CARE WHEN PLANTING AND WATERING FALL HAZARD PLANT MATERIAL.
- MINIMUM NUMBER OF TREES TO BE PLANTED: 8 TREES PER DISTURBED ACRE (3.99) TREES REQUIRED: 32
- TREES PROPOSED: 34
- UPON COMPLETION AND ACCEPTANCE OF THE LANDSCAPING, A THREE (3) YEAR MAINTENANCE GUARANTEE IS REQUIRED. A CHECK IN THE AMOUNT OF 10% OF THE TOTAL LANDSCAPING COST WILL NEED TO BE FURNISHED TO THE TOWN OF HENRIETTA FOR A THREE (3) YEAR TIME PERIOD.
- THERE WILL BE NO SUBSTITUTION OR CHANGES TO THE APPROVED LANDSCAPE PLAN WITHOUT THE APPROVAL OF THE PLANNING BOARD CHAIRMAN AND DIRECTOR OF ENGINEERING AND PLANNING.
- EXISTING PLANTS TO REMAIN, OR DIRECTLY ADJACENT TO THE WORK AREA SHALL BE PROTECTED DURING CONSTRUCTION. IF ANY PLANTS THAT FALL UNDER THIS CATEGORY ARE DAMAGED DURING CONSTRUCTION THEY ARE TO BE REPLACED IN KIND



Town of
LOCATION SKETCH
N.T.S.

Client:
DAKOTA PARTNERS, INC.
235 BEAR HILL ROAD
WALTHAM, MA, 02451

PASSERO ASSOCIATES
242 West Main Street Suite 100
Rochester, New York 14614
Principal-in-Charge: **Jess Sudol, PE**
Project Manager: **David Cox, PE**
Designed by: **Joshua Saxton, EIT**



Revisions			
No.	Date	By	Description
1	5/9/22	JDS	PER TOWN BOARD COMMENTS
2	5/24/22	JDS	PER FIRE MARSHAL COMMENTS
3	6/9/22	JDS	PER TOWN COMMENTS
4	8/24/22	JDS	PER TOWN COMMENTS

LANDSCAPING & LIGHTING PLAN

SOUTHRIDGE LANDING

Town/City: HENRIETTA
County: MONROE State: NEW YORK
Project No.: **20223310.0001**

Drawing No. **C 107**

Date **OCTOBER 2022**

NOT FOR CONSTRUCTION

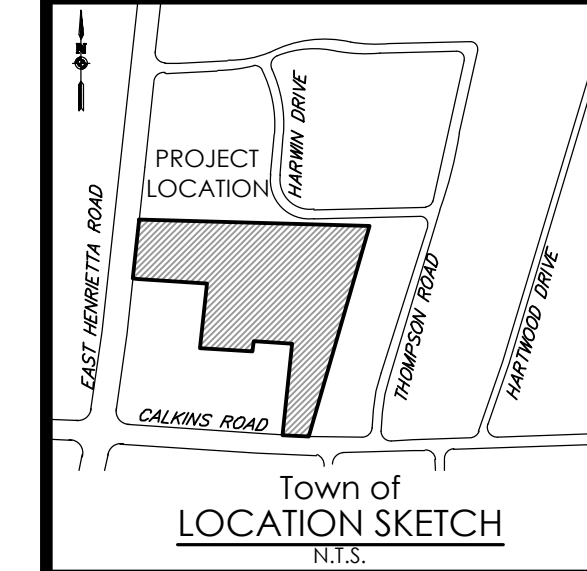


PASSERO ASSOCIATES
engineering architecture

EROSION AND SEDIMENT CONTROL NOTES:
(OCTOBER 2017)

- IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYS DOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL REVIEW THE EROSION AND SEDIMENT CONTROL PLAN INCLUDED IN THE CONTRACT DOCUMENTS, AND IF NECESSARY, MODIFY THE PLAN WITH THE CONTRACTOR'S INTENDED SEQUENCE AND TYPES OF OPERATIONS. THE CONTRACTOR'S MODIFIED EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, ALONG WITH A PROGRESS SCHEDULE THAT ADDRESSES THIS WORK.
- IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYS DOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL DESIGNATE AN "EROSION AND SEDIMENT CONTROL SUPERVISOR" FOR THE PROJECT. THE SUPERVISOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN AND FOR INSPECTING AND MAINTAINING THE CONTROL MEASURES. THE NAME AND QUALIFICATIONS (TRAINING AND EXPERIENCE) OF THIS INDIVIDUAL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING EARTHWORK.
- THE DESIGNATED "EROSION AND SEDIMENT CONTROL SUPERVISOR" SHALL NOTIFY THE ENGINEER IN ADVANCE OF ANY FIELD CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES INDICATED IN THE CONTRACT DOCUMENTS. THE ENGINEER MAY REQUIRE THE CONTRACTOR TO SUBMIT A MODIFIED EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL PRIOR TO IMPLEMENTING ANY FIELD CHANGES.
- THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF FROM DISTURBED AREAS IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL DEVICES BEFORE ENTERING A WATER BODY OR WETLAND.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE FOR WHICH THEY ARE INTENDED AND SHALL REMAIN IN PLACE UNTIL SOILS ARE PERMANENTLY STABILIZED.
- UNDER NO CONDITION SHALL DISCONTINUED CONSTRUCTION ACTIVITIES IN AREAS WITH SOIL DISTURBANCE BE LEFT FOR A PERIOD OF GREATER THAN 7 DAYS WITHOUT TEMPORARILY STABILIZING THOSE AREAS WITH TEMPORARY SEED AND MULCH. MAINTENANCE OF THOSE AREAS SHALL INCLUDE RESEEDING AND REMULCHING AS NEEDED TO ESTABLISH A SATISFACTORY STAND OF GRASS. THERE SHALL BE NO ADDITIONAL PAYMENT FOR RESEEDING AND REMULCHING.

- NO WET OR FRESH CONCRETE, LEACHATE, MATERIAL, OR DEBRIS SHALL BE ALLOWED TO ESCAPE INTO A WATER BODY OR WETLAND, NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER A WATER BODY OR WETLAND. ANY MATERIAL OR DEBRIS ACCIDENTALLY DROPPED INTO THE CHANNEL SHALL BE IMMEDIATELY AND COMPLETELY REMOVED AND DEPOSITED IN AN UPLAND AREA.
- THE CONTRACTOR SHALL COVER TEMPORARY STOCKPILES OF ERODIBLE MATERIAL (SUCH AS TOPSOIL OR EARTH FILL) WITH POLY SHEETING, OR RING THE STOCKPILES WITH SILT FENCE TO CONTROL EROSION. POLY SHEETING SHALL COMPLETELY COVER THE STOCKPILE AND BE SECURELY ANCHORED AT ALL TIMES. ANY POLY SHEETING OR SILT FENCE THAT IS DAMAGED SHALL BE PROMPTLY REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER. RINGED STOCKPILES EXPOSED AND EXPOSED TO BE EXPOSED FOR LONGER THAN 7 CALENDAR DAYS SHALL IMMEDIATELY BE STABILIZED WITH APPROPRIATE MEASURES. THE COST OF COVERING AND RINGING/STABILIZING STOCKPILES SHALL BE INCLUDED IN THE PRICE BID FOR THE CORRESPONDING STOCKPILED MATERIAL.



Client: DAKOTA PARTNERS, INC.
235 BEAR HILL ROAD
WALTHAM, MA, 02451

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Rochester, New York 14614 Fax: (585) 325-1691
Principal-in-Charge: Jess Sudal, PE
Project Manager: David Cox, PE
Designed by: Joshua Saxton, EIT



Revisions			
No.	Date	By	Description
1	5/9/22	JDS	PER TOWN BOARD COMMENTS
2	5/24/22	JDS	PER FIRE MARSHAL COMMENTS
3	6/9/22	JDS	PER TOWN COMMENTS
4	8/24/22	JDS	PER TOWN COMMENTS

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NOTES

SOUTHRIDGE LANDING
Town/City: HENRIETTA
County: MONROE State: NEW YORK

Project No: 20223310.0001

Drawing No. C 201

Date: OCTOBER 2022

NOT FOR CONSTRUCTION

EARTHWORK

TOPSOIL AND SEEDING NOTES:

- THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR ROUGH GRADING AND RE-SPREADING TOPSOIL IN ALL TURF AND LANDSCAPE AREAS (BEDS AND ISLANDS).
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FINE GRADING AND PREPARATION OF ALL LAWN AND LANDSCAPE AREAS.
- REMOVE ALL EXISTING VEGETATION DURING GRADING PROCESS.
- APPLY MINIMUM OF SIX (6) INCHES OF CLEAN TOPSOIL(IMPORTED OR SCREEN ON -SITE) AND FINE GRADE, LEAVING TOPSOIL IN A LOOSE AND FRIABLE CONDITION FOR SEEDING.
- LIME SOIL OR ADD OTHER ORGANIC AMENDMENTS AS NECESSARY TO ACHIEVE A SOIL PH BETWEEN 5.5 - 7.0.
- LANDSCAPE CONTRACTOR SHALL WORK OVER LAWN AREAS THAT HAVE REMAINED PARTIALLY INTACT, TOP DRESSING WITH SOIL SCARIFYING, AND SEEDING TO FORM A SMOOTH, FULL, EVEN LAWN, FREE OF BARE SPOTS, INDENTATIONS, AND WEEDS.
- SEEDING SHOULD BEGIN IMMEDIATELY UPON COMPLETION OF FINE GRADING. SEED SHOULD BE PRESSED INTO THE SOIL TO CREATE GOOD SEED-TO-SOIL CONTACT, NO DEEPER THAN THE THICKNESS OF THE SEED.
- FERTILIZING, APPLY 10-0-10 FERTILIZER EVENLY AT THE RATE OF 20 POUNDS PER 1000 SQ FT. NO FERTILIZER CONTAINING PHOSPHORUS IS PERMITTED ON SITE.
- SEED SHOULD BE APPLIED EITHER BY HAND BROADCASTING OR HYDRO SEEDING. TWO PASSES SHALL BE MADE IN PERPENDICULAR DIRECTIONS TO INSURE PROPER COVERAGE.
- LAWN SEED MIX
MIX A: SEEDING RATE: 6 LBS./1,000 SQ.FT
LOW MAINTENANCE FESCUE LAWN
PREFERRED SEED: LOW MAINTENANCE GRASS SEED MIX OR APPROVED EQUAL
25% FIREFLY HARD FESCUE
25% BIG HORN GT HARD/SHEEP
20% INTRIGUE CHEWINGS FESCUE
20% QUATRO SHEEP FESCUE
10% MINOTAUR HARD FESCUE
MIX B: SEEDING RATE: 4LBS./1,000 SQ.FT
OCCASIONAL WET - WET LOCATIONS (BIORETENTION):
20% RED TOP 20% VIRGINIA WILD RYEGRASS
20% ALLIUM GRASS 20% FOX SEDGE
10% AUTUMN BENTGRASS 10% FOWL BLUEGRASS
- DRY APPLICATION MULCH
A. STRAW MULCH SHOULD BE APPLIED TO NEWLY SEEDD AREAS WITHIN 12 HOURS IF HYDRO MULCH IS NOT UTILIZED.
B. DRY APPLICATION, STRAW: STALKS OF OATS, WHEAT, RYE OR OTHER APPROVED CROPS WHICH ARE FREE OF NOXIOUS WEEDS. WEIGHT SHALL BE BASED ON A 15 PERCENT MOISTURE CONTENT.
C. DRY APPLICATION: WITHIN ONE DAY AFTER SEEDING, COVER THE SEEDD AREAS WITH A UNIFORM BLANKET OF STRAW MULCH AT THE RATE OF 100 POUNDS PER 1000 SQFT. OF SEEDD AREA.
- HYDRO APPLICATION: APPLY APPROVED MULCH IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDED RATES OF APPLICATION. APPLY SEEDING MATERIALS WITH AN APPROVED HYDRO SEEDER.
A COLORED WOOD CELLULOSE FIBER PRODUCT SPECIFICALLY DESIGNED FOR USE AS A HYDRO-MECHANICAL APPLIED MULCH. ACCEPTABLE PRODUCT: CONWED HYDRO MULCH, CONWED FIBERS, 231 4TH STREET SW, HICKORY, NC
- FILL TANK WITH WATER AND AGITATE WHILE ADDING SEEDING MATERIALS. USE SUFFICIENT FERTILIZER, MULCH, AND SEED TO OBTAIN THE SPECIFIED APPLICATION RATE. ADD SEED TO THE TANK AFTER THE FERTILIZER AND MULCH HAVE BEEN ADDED. MAINTAIN CONSTANT AGITATION TO KEEP CONTENTS IN HOMOGENEOUS SUSPENSION. PROLONGED DELAYS IN APPLICATION OR AGITATION THAT MAY BE INJURIOUS TO THE SEED WILL BE THE BASIS OF REJECTION OF MATERIAL REMAINING IN TANK.
- DISTRIBUTE UNIFORMLY A SLURRY MIXTURE OF WATER, SEED, FERTILIZER, AND MULCH AT A MINIMUM RATE OF 57 GALLONS PER 1000 SQ FT (2500 GALLONS PER ACRE). THE OWNER AND PROJECT REPRESENTATIVE MAY ORDER THE AMOUNT OF WATER INCREASED IF DISTRIBUTION OF SEEDING MATERIALS IS NOT UNIFORM.

STANDARD SANITARY SEWER EXTENSION NOTES:

- MAXIMUM ALLOWABLE INFILTRATION OR EXFILTRATION SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER DAY FOR THE SANITARY SEWER. IF AN AIR TEST IS USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM DESIGNATION C828-86 ENTITLED PRACTICE FOR LOW-PRESSURE AIR TEST OF VITRIFIED CLAY PIPE LINES. SANITARY MANHOLES SHALL BE INSPECTED AND TESTED FOR LEAKAGE BY VACUUM TESTING. VACUUM TESTING OF MANHOLES SHALL COMPLY WITH THE METHOD OUTLINED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION - TECHNICAL INFORMATION PAMPHLET (TIP) NO. 15 (LATEST REVISION).
- FLOOR DRAINS, IF CONSTRUCTED IN THE PROJECT, MUST BE CONNECTED TO THE SANITARY SEWER. NOTE: FLOOR DRAINS DO NOT INCLUDE FOUNDATION OR FOOTER DRAINS INSTALLED TO INTERCEPT UNCONTAMINATED GROUND WATER. ALL DISCHARGES FROM THE FLOOR DRAINS TO THE SANITARY SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.
- DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
- MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINES PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.

STORM NOTES:

- STORM SEWER LATERAL MATERIAL SHALL BE PVC SDR-21 6" MIN. SIZE & SHALL BE LAID AT A MINIMUM GRADE OF 1.00% PER FT.
- STORM SEWER MATERIAL INCLUDING CROSSOVERS SHALL BE ADS HDPE 12" MIN.
- FOUNDATION DRAINS WILL BE CONNECTED TO STORM WATER SYSTEM. DOWNSPOUTS TO BE CONNECTED TO STORM SEWER WHERE APPLICABLE AND CONTRACTOR SHALL PROVIDE APPROPRIATE FITTINGS TO CONNECT STORM SYSTEM TO ROOF LEADERS. OTHERWISE THE DOWNSPOUT SHALL DISCHARGE TO SPLASH BLOCKS.
- AFTER PROJECT COMPLETION, THE STORM SYSTEM SHALL BE FLUSHED. ALL DEPOSITED SEDIMENT AT THE SEWER OUTLET SHALL BE REMOVED.
- SITE CONTRACTOR TO VERIFY LOCATION OF ALL DOWNSPOUTS W/ ARCHITECTS AND PROVIDE APPROPRIATE FITTINGS & PIPING TO CONNECT DOWNSPOUTS TO STORM LATERAL (TYP.)

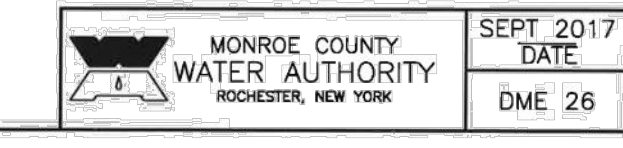
4" AND LARGER WATER SERVICE LINE NOTES

- Water service lines shall be constructed in accordance with the regulations and specifications of the Water Authority.
- Water service lines shall have a minimum of five feet of cover from finished grade in lawn areas and six feet of cover from finished grade in paved areas.
- Water service lines shall be separated at least ten feet, measured from the outside of the pipes, from sewer mains or septic systems.
- Water service lines shall be identified as:

DESCRIPTION	SIZE	MATERIAL ^(A)	TYPE ^(B)
MCWA Portion: from the water main to and including the control valve on the ROW/property/easement line	8"	D.I.P.*	CMB
Private Portion: from the control valve to the meter	8"	D.I.P.*	CMB

^(A)Acceptable material is *Class 52 cement mortar lined Ductile Iron Pipe.
^(B)Service Types include: Domestic = D5, Fire = F5, or Combined = CMB

- The Water Authority's portion of the water service line shall be installed prior to the private portion of the service line.
- Water meter(s) to be located on the interior or exterior wall(s) immediately upon service entrance into the building(s). A by-pass assembly is not required around the installation of 5/8-inch through 1-inch meters. Meter installations greater than 1 inch require a by-pass assembly around the meter.
- Water service lines sized 4-inches or greater shall be:
 - Pressure tested in accordance with the latest specifications of the Monroe County Water Authority. A Water Authority representative must witness this test.
 - Disinfected by using the continuous feed method according to AWWA Standard Specifications. After flushing and disinfecting the service line, water samples shall be collected by the Monroe county Department of Health. Approval and notification by the Health Department of passing health sample test(s) must be received before the service will be activated by the Water Authority.



SEPT 2017 DATE
DME 26

LANDSCAPING NOTES:

- CONTRACTOR SHALL OBTAIN ALL NECESSARY STATE AND LOCAL PERMITS REQUIRED. ALL CONSTRUCTION SHALL CONFORM TO APPLICABLE TOWN OF HENRIETTA, AND STATE DESIGN STANDARDS AND CODES.
- IT IS THE LANDSCAPE CONTRACTORS RESPONSIBILITY TO VISIT THE SITE PRIOR TO BID SUBMITTAL, TO BECOME FAMILIAR WITH EXISTING CONDITIONS AT THE SITE.
- STANDARDS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK", ANSI Z60.1 (LATEST EDITION) REPRESENT GUIDELINE SPECIFICATIONS ONLY AND DO NOT MEET THE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIALS DELIVERED AND INSTALLED ON THIS PROJECT.
- ALL PLANTS MUST BE HEALTHY, VIGOROUS AND FREE OF PESTS AND DISEASE.
- ALL PLANTS MUST BE HARDY UNDER CLIMATE CONDITIONS THAT EXIST AT THE PROJECT SITE AND GROWN AT A NURSERY IN THE SAME HARDINESS ZONE AS THE PROJECT LOCATION.
- ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED AND MEET SIZE REQUIREMENTS AS INDICATED ON THE PLANT LIST.
- ALL TREES MUST BE STRAIGHT-TRUNKED, INJURY FREE, HAVE A FULL, SYMMETRICAL CROWN (HEAD) AND MEET ALL REQUIREMENTS SPECIFIED (E.G. SINGLE STEM, MULTI-STEM, HEAVY BRANCHED, ETC.).
- THE CONTRACTOR SHALL TAKE SPECIAL CARE IN PLANTING AND WATERING ALL PLANT VARIETIES THAT ARE CONSIDERED A FALL PLANTING HAZARD.
- ANY PROPOSED DEVIATION TO THE LANDSCAPE PLAN MUST FIRST BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS. THE BID PRICE SUBMITTED WILL ASSUME THAT ALL PLANT MATERIALS DEEMED TO BE SUPPLIED AND INSTALLED. ANY DISCREPANCIES IN THE QUANTITIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND/OR DESIGN LANDSCAPE ARCHITECT (OWNER'S REPRESENTATIVE) PRIOR TO COMPLETING A BID PRICE.
- ALL GRADING AND UTILITY WORK SHALL BE COMPLETED PRIOR TO INSTALLATION OF PLANT MATERIAL AND LANDSCAPE MULCH.
- THE FINAL LOCATION OF TREES AND OTHER LANDSCAPING SHALL BE DETERMINED IN THE FIELD BASED ON UTILITY STAKEOUT AND SHALL NOT CONFLICT WITH TRAFFIC SIGNS AND/OR UTILITIES. STAKE OUT SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK. PLANTS TO BE LOCATED A MINIMUM OF FIVE (5) FEET FROM ALL UNDERGROUND UTILITIES.
- ANY CONCERNS RELATED TO SITE CONDITIONS AND/OR PLANT LOCATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- PLANTING BACKFILL MIXTURE: 4 PARTS TOPSOIL (ON-SITE OR IMPORTED), 1 PART PEAT MOSS, 1/2 PART WELL ROTTED MANURE AND 10 LBS. 5-0-5 PLANTING FERTILIZER, MIXED THOROUGHLY PER CUBIC YARD.
- MULCH ALL PLANT BEDS, AND INDIVIDUAL TREES IN LAWN AREAS WITH SHREDDED HARDWOOD BARK MULCH TO A DEPTH OF THREE (3") INCHES UNLESS OTHERWISE SPECIFIED ON PLANTING DETAILS, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT DUE TO SITE CONDITIONS.
- ANY PLANT WHICH TURNS BROWN, DEFOLIATES OR DIES PRIOR TO FINAL ACCEPTANCE BY THE OWNER, OR DESIGN LANDSCAPE ARCHITECT, SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH THE SAME PLANT (SPECIES, VARIETY AND SIZE) AS SPECIFIED ON THE PLANT SCHEDULE (LIST).
- THE CONTRACTOR SHALL MAINTAIN ALL PLANT MATERIALS AND LAWN AREAS UNTIL THE PROJECT HAS RECEIVED FINAL ACCEPTANCE BY THE OWNER OR OWNER'S REPRESENTATIVE. MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO: WATERING, MULCHING, FERTILIZING, SPRAYING FUNGICIDE, PESTICIDE, ANTI-DESSICANT), AS WELL AS RAISING PLANTS THAT HAVE SETTLED TOO DEEP OR REQUIRE STRAIGHTENING.
- UPON COMPLETION AND ACCEPTANCE OF THE LANDSCAPING, THE LANDSCAPE MATERIALS SHALL BE GUARANTEED FOR THREE (3) YEARS. THE GUARANTEE SHALL BE INCLUSIVE OF ALL MATERIAL AND LABOR COSTS. AT THE END OF THE GUARANTEE PERIOD THE OWNER'S REPRESENTATIVE WILL INSPECT ALL PLANT MATERIALS. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REQUIRED REPLACEMENTS WITH PLANT MATERIALS MEETING THE SPECIFICATIONS (E.G. SPECIES, SIZE AND CHARACTER).
- ALL AREAS DISTURBED BY SITE GRADING AND/OR UTILITY INSTALLATION SHALL RECEIVE APPROVED TOPSOIL (BASED ON APPROVED SAMPLES SUBMITTED BY THE CONTRACTOR) AND SPREAD TO A DEPTH NOT LESS THAN SIX (6") INCHES AFTER COMPACTION. TOPSOIL PLACED UNDER THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, AND SITE APPURTENANCES WHICH OCCURS AS A RESULT OF LANDSCAPE INSTALLATION OPERATIONS.
- EXISTING TREES INDICATED TO BE REMOVED SHALL OCCUR UNDER THE SITE CONTRACT FOR THIS PROJECT. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR NEW PLANTINGS OR RESTORATION OF THE DISTURBED AREA (LAWNS, PLANT BEDS, ISLANDS).
- PRE-EMERGENT HERBICIDE SHALL BE USED UNDER MULCH IN ALL TREE AND PLANT BED AREAS.
- ALL SHRUB BEDS ADJACENT TO LAWN AREAS SHALL HAVE A SPADED EDGE BORDER, UNLESS METAL EDGE, CONCRETE, OR OTHER BORDER IS SPECIFIED.

WATERING PLAN:

- ALL TREES TO BE CONTINUOUSLY WATERED WITH TWO (2) WATER BAGS PER TREE. BAGS ARE TO BE INSPECTED TWICE A WEEK TO ENSURE THAT THEY ARE FILLED AS REQUIRED.

WATER MAIN EXTENSION NOTES

- THE WATER MAIN SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS DESIGNATION C651 (LATEST REVISION). FOLLOWING DISINFECTION, THE WATER MAIN PIPELINE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. ALL WATER MAIN FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB DISINFECTED 30 MINUTES PRIOR TO INSTALLATION. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH MUST RECEIVE AT LEAST 48-HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL EXEMPTION UNDER SECTION 7208(N) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E. COLI) AND TURBIDITY. THE WATER MAIN PIPE AND APPURTENANCES SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.
- MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN PIPELINES AND SEWER PIPELINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINES PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAIN PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.
- WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN SEVEN (7) FEET OF THE FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
- THE WATER MAIN PIPELINE AND APPURTENANCES SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600, C602, C604, OR C605 (MOST RECENT VERSION AS APPLICABLE) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER.
- WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN SEVEN (7) FEET OF THE FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
- THE WATER MAIN PIPELINE AND APPURTENANCES SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600 (LATEST REVISION) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER.

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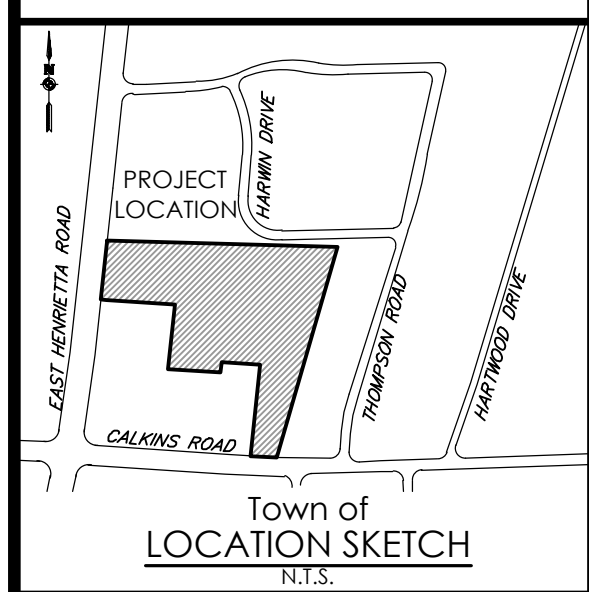
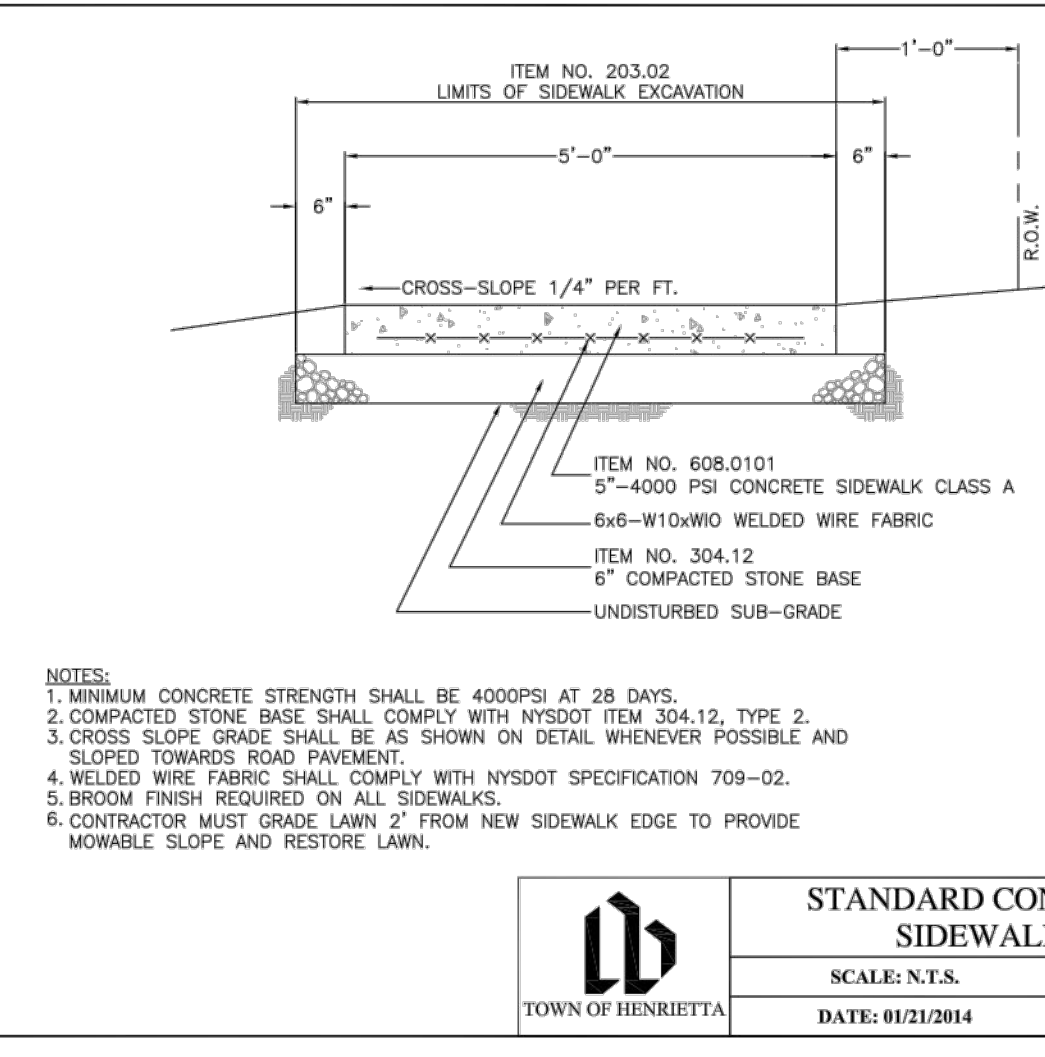
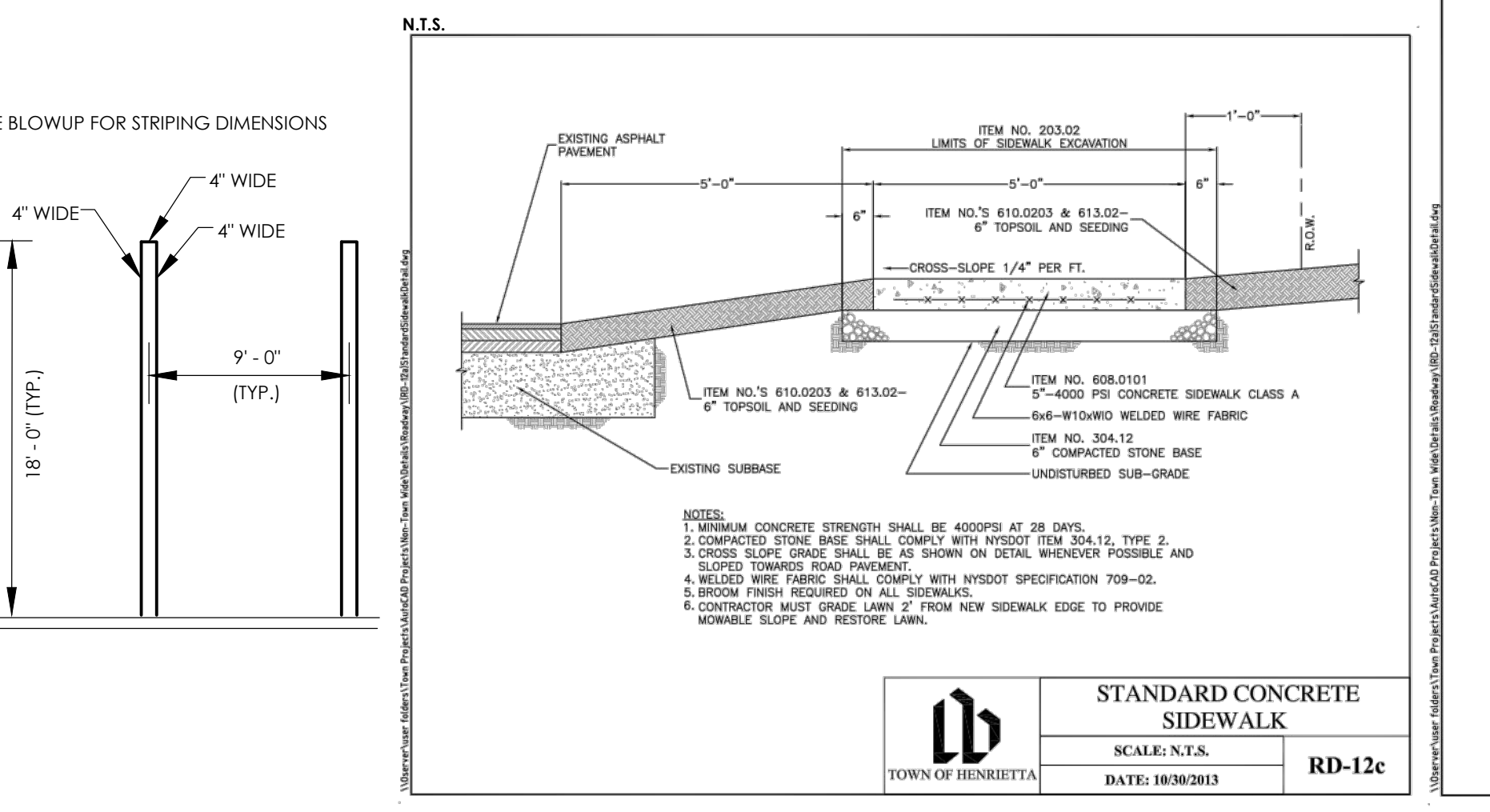
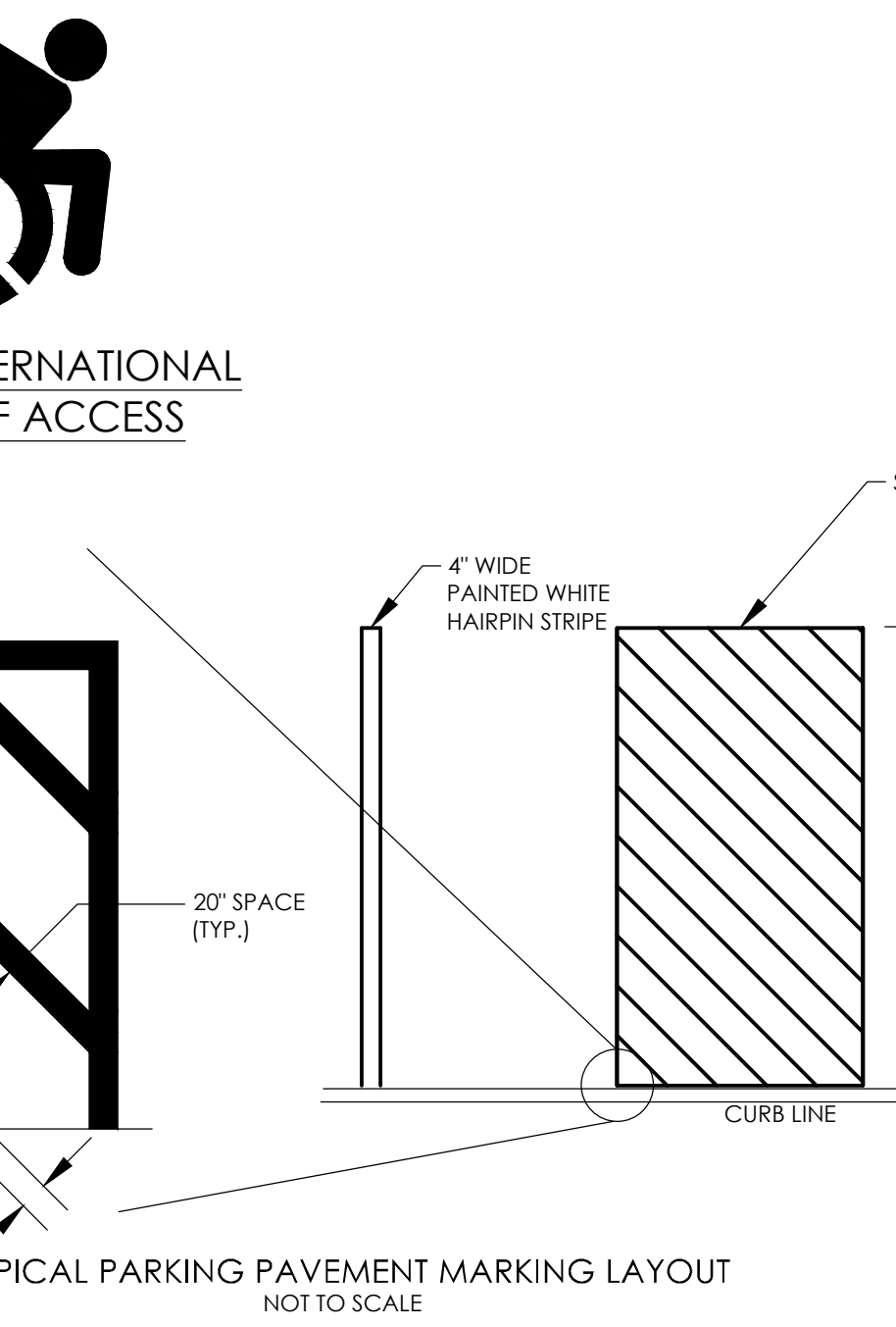
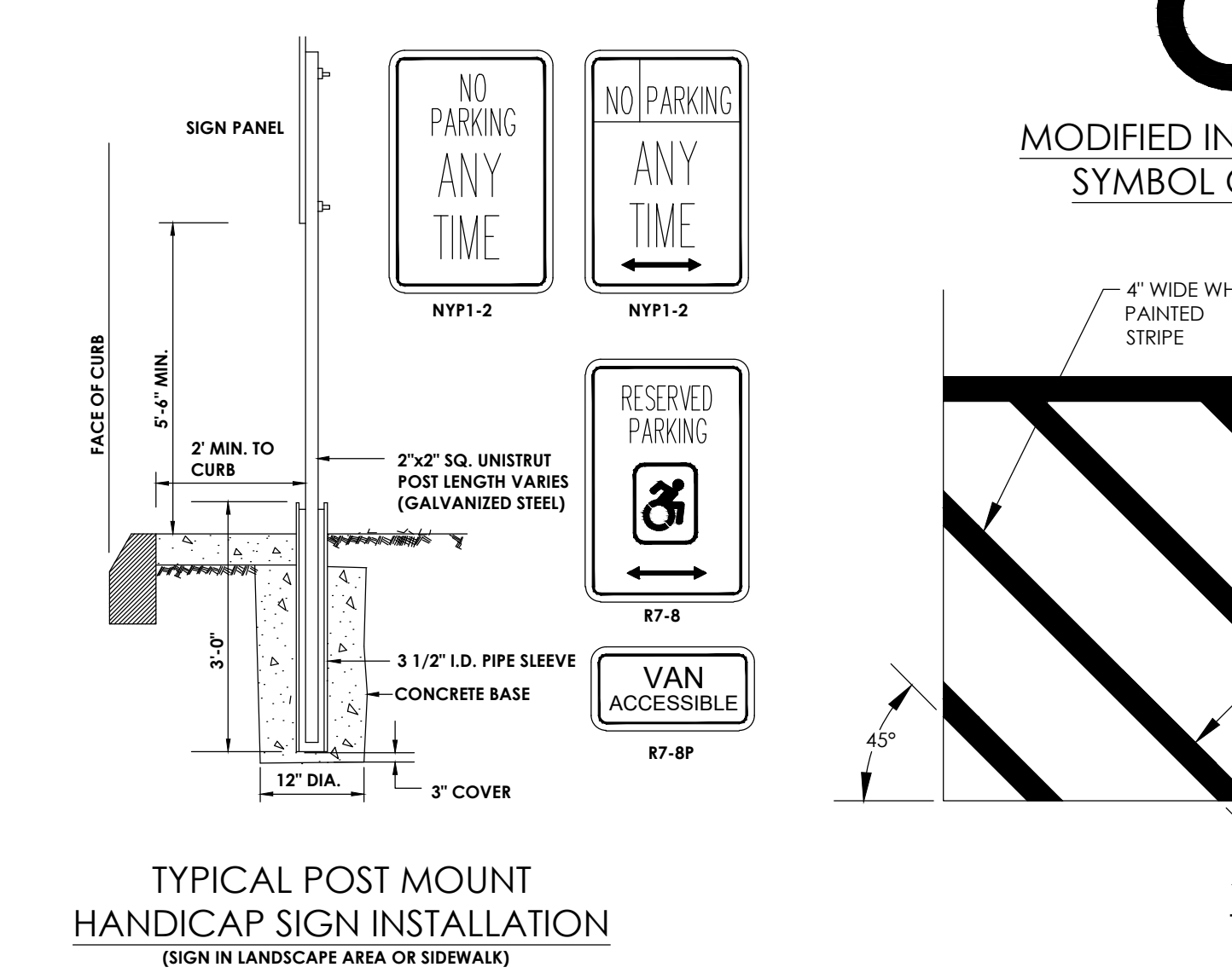
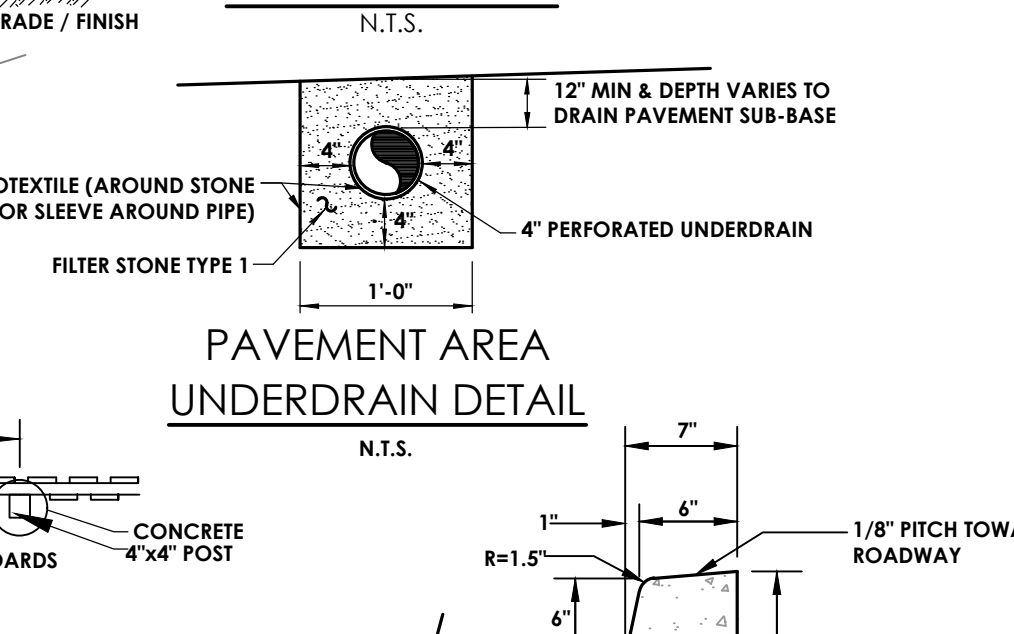
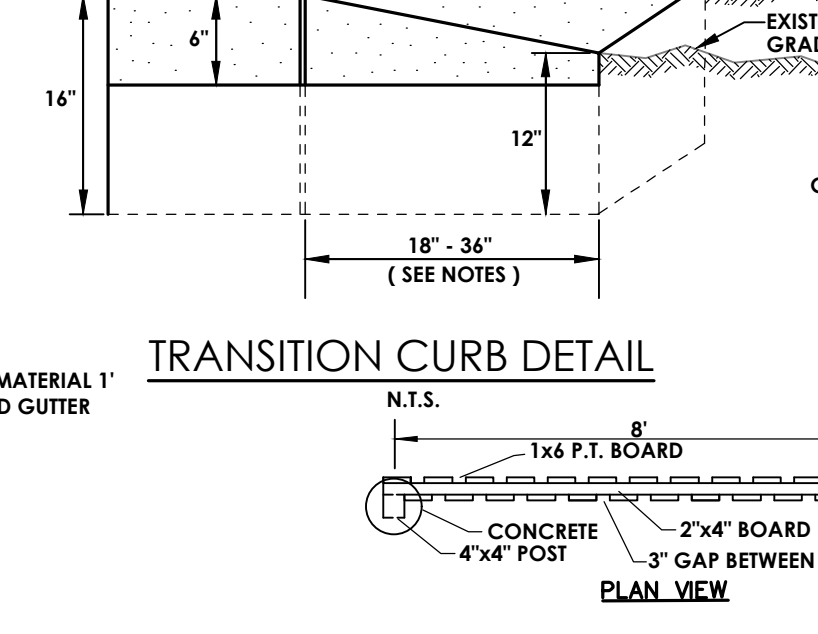
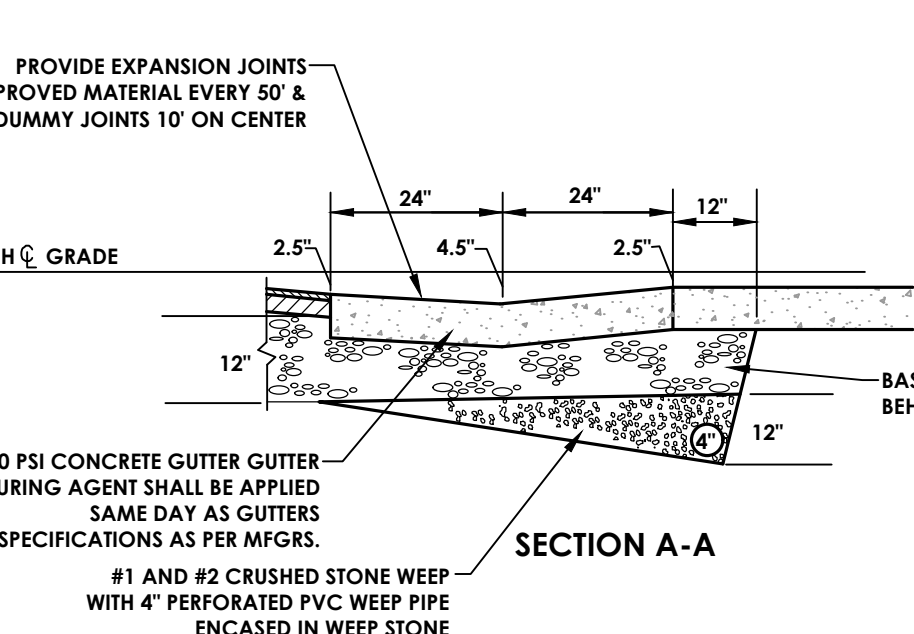
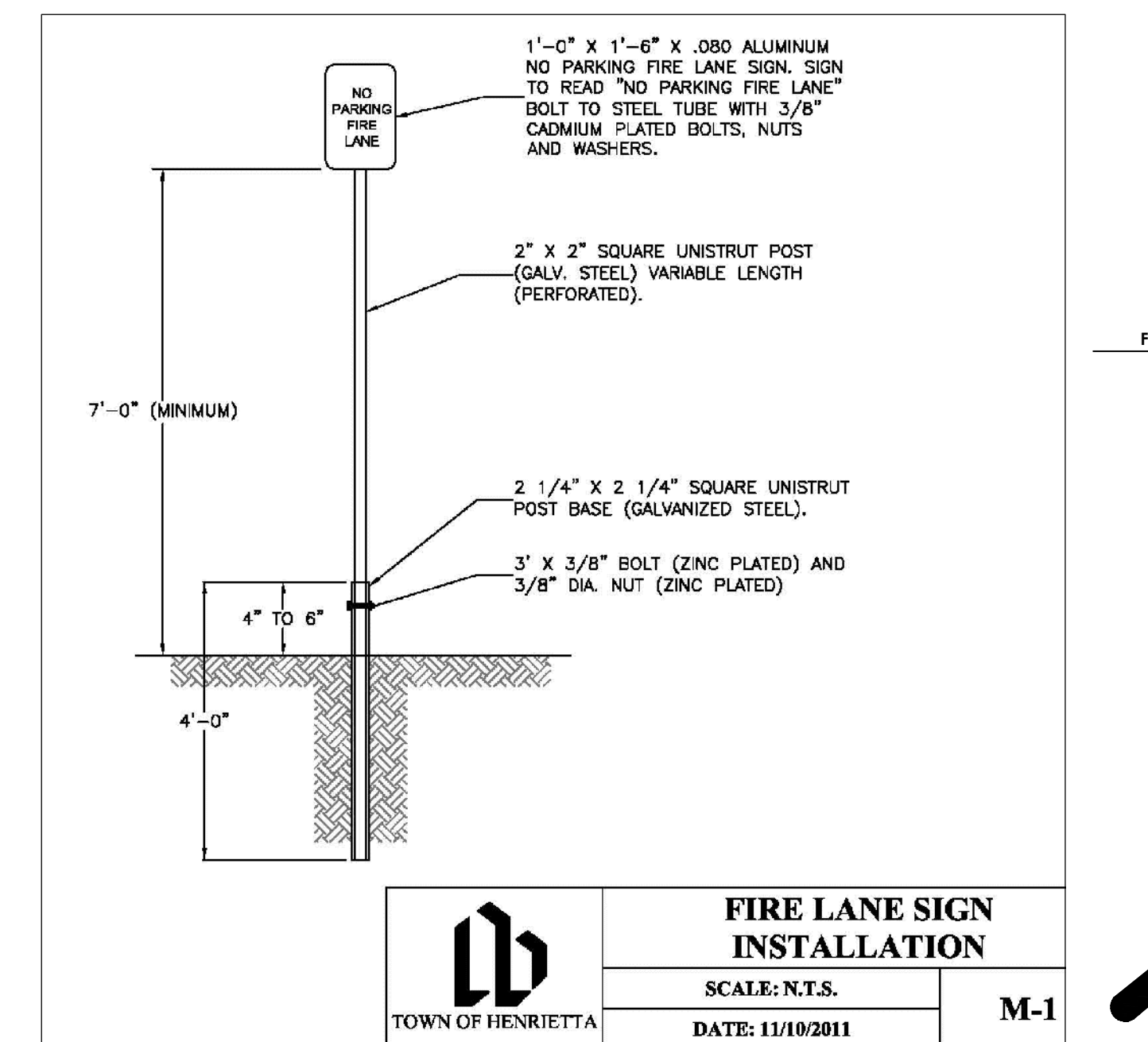
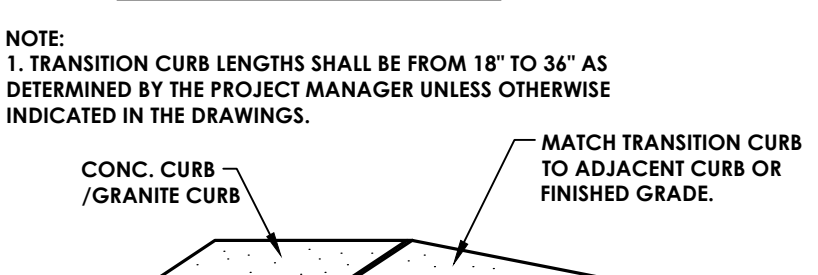
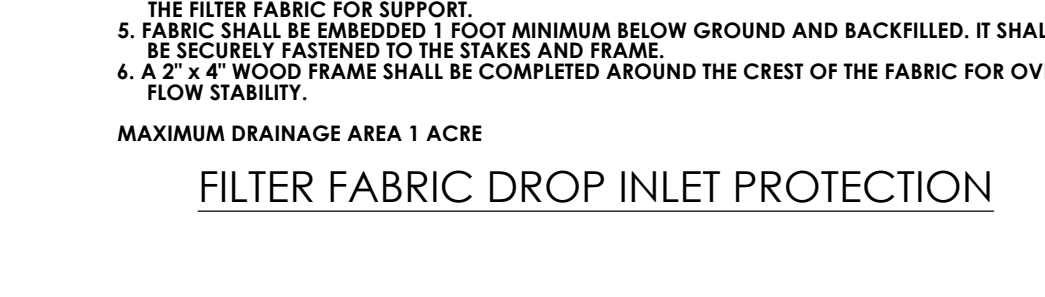
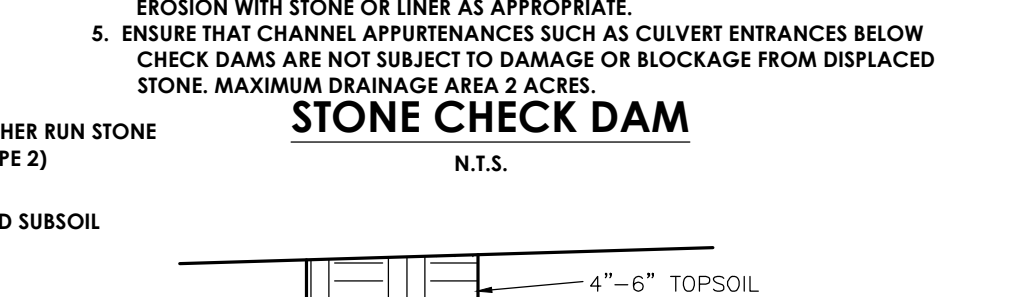
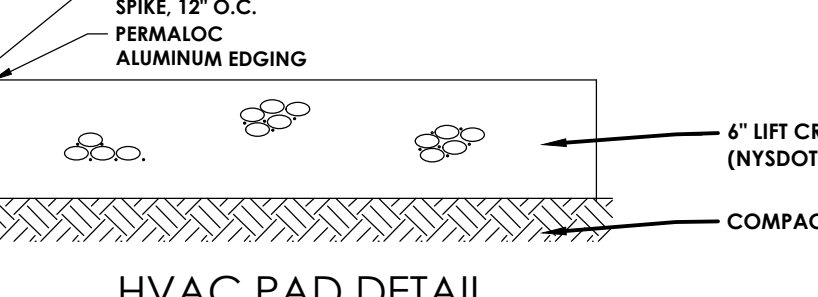
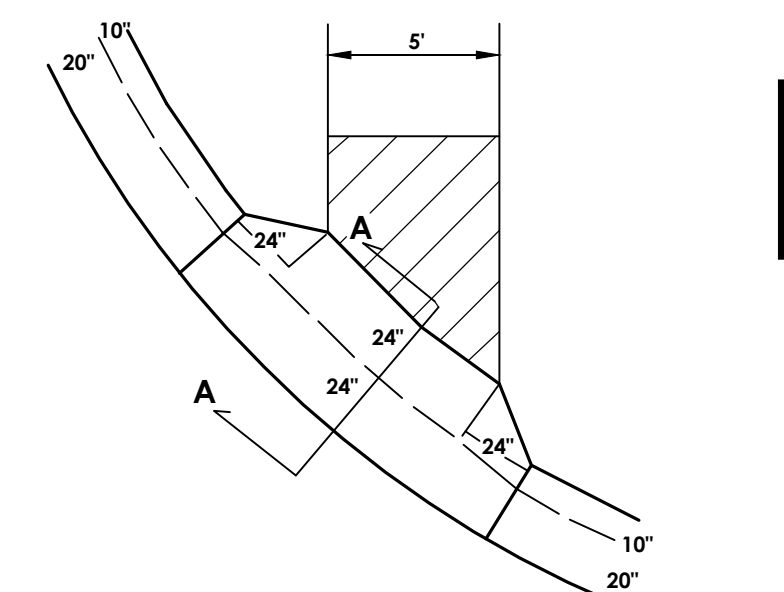
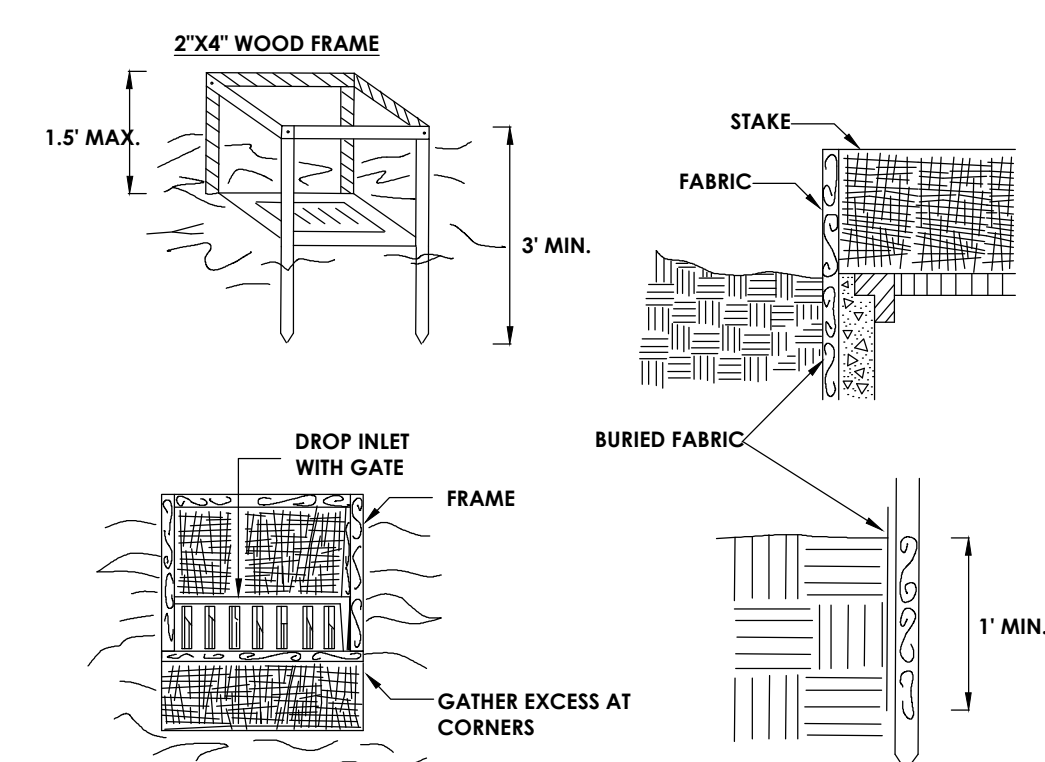
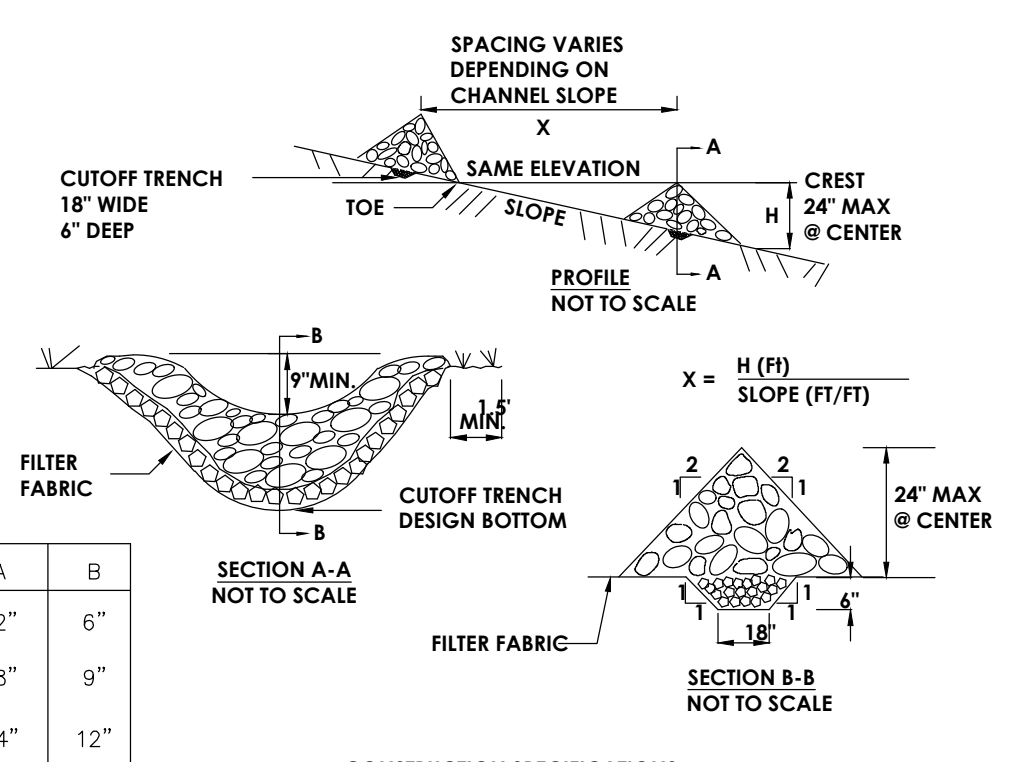
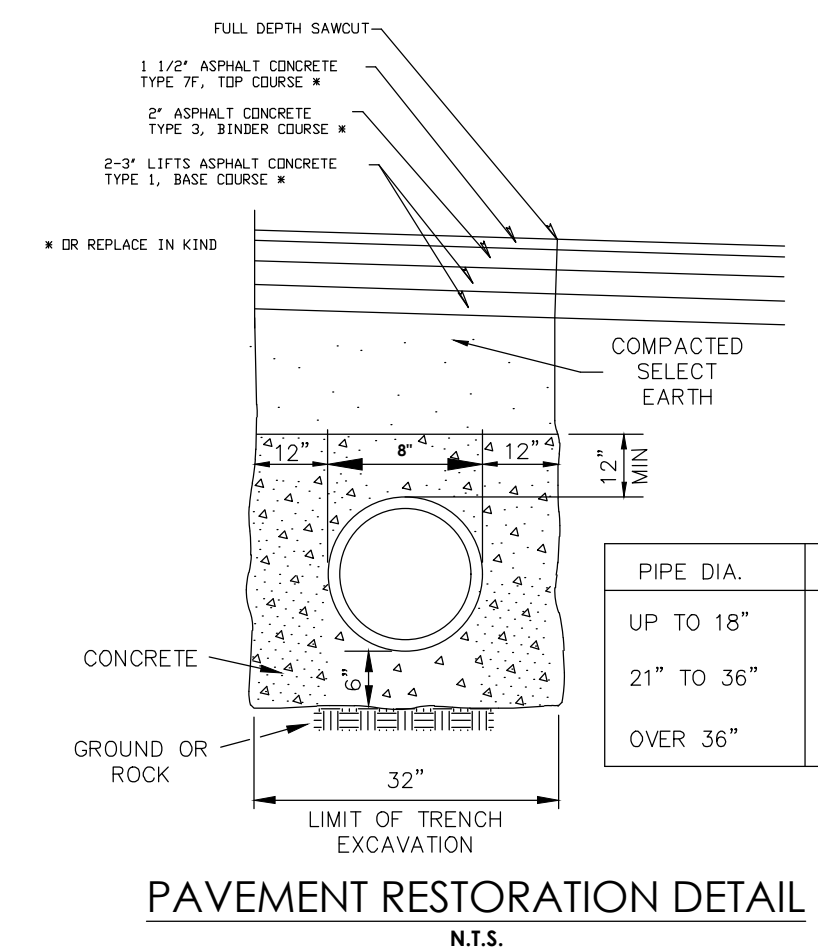
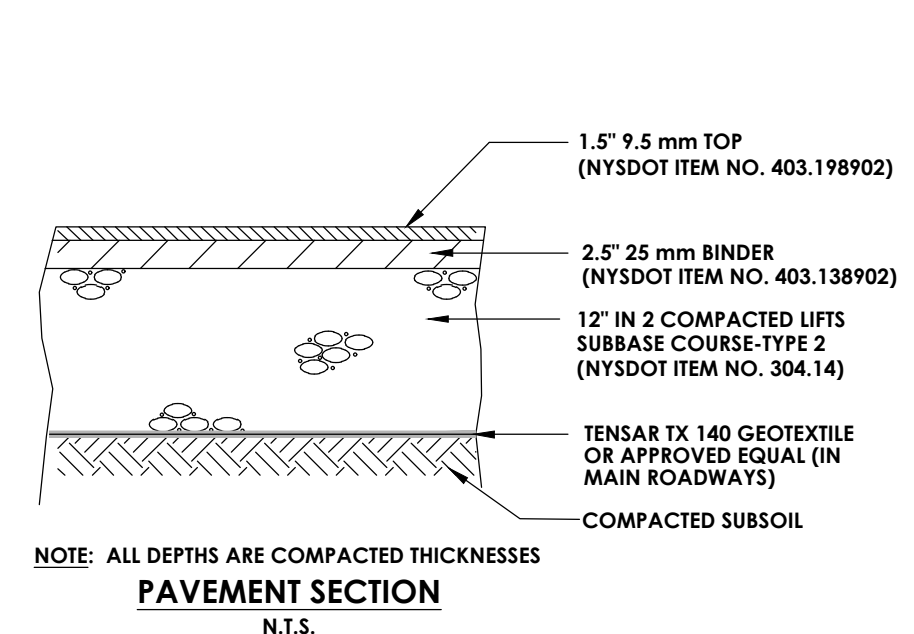
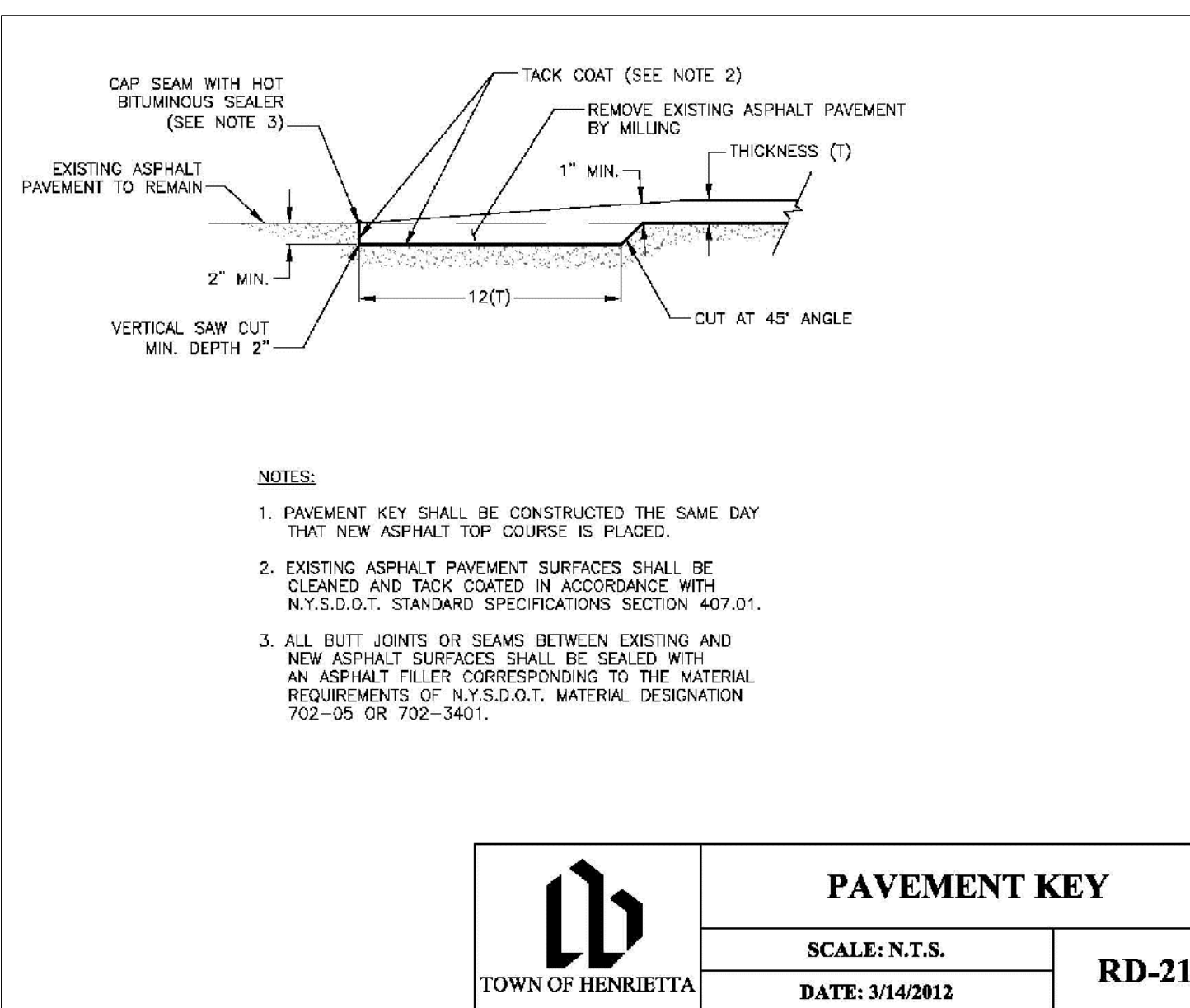
- SANITARY SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE LATEST REGULATIONS OF THE STATE, COUNTY AND LOCAL MUNICIPALITY MATERIALS
- MAINS - PIPING SHALL BE POLY(VINYL CHLORIDE (PVC) WITH ENDS SUITABLE FOR ELASTOMERIC GASKET JOINTS, AND A MINIMUM WALL THICKNESS OF SDR-35. PIPING AND FITTINGS SHALL MEET: ASTM D-3034 (4" THRU 15") ASTM F-679 (18" THRU 48")
- LATERALS - 6" MIN. INSTALLED AT 1/8" PER FOOT MIN. PIPING SHALL BE POLY(VINYL CHLORIDE (PVC) WITH ENDS SUITABLE FOR ELASTOMERIC GASKET JOINTS, AND A MINIMUM WALL THICKNESS OF SDR-21. PIPING AND FITTINGS SHALL MEET ASTM D-2241.
- JOINING MATERIALS - SHALL BE BELL-AND-SPIGOT WITH INTEGRAL PUSH ON TYPE ELASTOMERIC GASKET JOINTS, GASKET MATERIAL TO BE NEOPRENE MEETING ASTM D-3212.
- MANHOLES - SHALL BE PRECAST CONCRETE WITH NEOPRENE GASKETS MEETING ASTM C-478 & ASTM C-443.
- INFILTRATION AND EXFILTRATION FOR SANITARY SEWERS SHALL BE LIMITED TO 100 GALLONS PER MILE PER INCH DIAMETER OF PIPE PER 24 HOURS.
- AN AIR TEST IS TO BE USED, THE TEST AS A MINIMUM SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM C-828-80, ENTITLED STANDARD PRACTICE FOR LOW PRESSURE AIR TEST OF VITRIFIED CLAY PIPELINES; SANITARY MANHOLES SHALL BE TESTED FOR EXFILTRATION.
- VACUUM TESTING OF MANHOLES IS REQUIRED. THE CONTRACTOR IS CAUTIONED TO SPEAK TO THE SUPERINTENDENT OF SEWERS PRIOR TO COMMENCING WITH PLANS TO VACUUM TEST.
- DEFLECTION TEST - TEN STATE STANDARDS. 6.A. DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS. 6.B. IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES. 6.C. NO PIPE SHALL EXCEED A DEFLECTION OF 5%.
- ALL SANITARY SEWER INSTALLATION SHALL BE MADE IN CONFORMANCE WITH THE SPECIFICATIONS, REGULATIONS, AND POLICIES OF THE HENRIETTA SEWER DISTRICT.
- ALL HOUSE LATERALS SHALL HAVE A CLEANOUT AT THE PROPERTY LINE OR EASEMENT LINE.
- FLOOR DRAINS, IF CONSTRUCTED, SHALL BE CONNECTED TO THE SANITARY SEWER/COMBINATION SEWER. (FLOOR DRAINS DO NOT INCLUDE FOUNDATION/FOOTER DRAINS). ALL DISCHARGES TO THE SANITARY/ COMBINATION SEWER MUST COMPLY WITH THE EFFLUENT LIMITS OF THE LOCAL AND/OR THE MONROE COUNTY SEWER USE LAW.
- SEPARATION - MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAINS AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.

STANDARD WATER MAIN EXTENSION NOTES:

- THE WATER MAIN PIPELINE SHALL BE DISINFECTED EQUAL TO AWWA STANDARD FOR DISINFECTING WATER MAINS DESIGNATION C651 (LATEST REVISION). FOLLOWING DISINFECTION, THE WATER MAIN PIPELINE SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. ALL WATER MAIN FITTINGS NOT RECEIVING 24-HOUR CHLORINE DISINFECTION CONTACT TIME MUST BE SWAB-DISINFECTED 30 MINUTES PRIOR TO INSTALLATION. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH MUST RECEIVE AT LEAST 48-HOUR ADVANCE NOTIFICATION REQUESTING SAMPLING SERVICES. SAMPLING WILL NOT BE PERFORMED PRIOR TO RECEIPT FROM A NEW YORK STATE LICENSED OR REGISTERED DESIGN PROFESSIONAL (ENGINEER, ARCHITECT OR LAND SURVEYOR WITH A SPECIAL EXEMPTION UNDER SECTION 7208(N) OF THE EDUCATION LAW) CERTIFYING THAT THE WATER SUPPLY IMPROVEMENTS, TESTING AND DISINFECTION PROCEDURES WERE COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS, REPORTS, SPECIFICATIONS AND ANY APPROVED AMENDMENTS. THE DEPARTMENT WILL COLLECT SAMPLES FOR FREE CHLORINE RESIDUAL, TOTAL COLIFORM, ESCHERICHIA COLI (E. COLI) AND TURBIDITY. THE WATER MAIN PIPE AND APPURTENANCES SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE MONROE COUNTY DEPARTMENT OF PUBLIC HEALTH.
- MINIMUM VERTICAL SEPARATION BETWEEN WATER MAIN PIPELINES AND SEWER PIPELINES SHALL BE 18 INCHES MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. ONE FULL STANDARD LAYING LENGTH OF WATER MAIN PIPE SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PIPELINES PASSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECTED FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN. MINIMUM HORIZONTAL SEPARATION BETWEEN PARALLEL WATER MAIN PIPES AND SEWER PIPES (INCLUDING MANHOLES AND VAULTS) SHALL BE 10 FEET MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS.
- WHEN INSTALLING FIRE HYDRANTS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN SEVEN (7) FEET OF THE FINISHED GRADE, FIRE HYDRANT WEEP HOLES (DRAINS) SHALL BE PLUGGED.
- THE WATER MAIN PIPELINE AND APPURTENANCES SHALL BE PRESSURE/LEAKAGE TESTED IN ACCORDANCE WITH THE MINIMUM REQUIREMENTS OF THE AWWA STANDARD C600, C602, C604, OR C605 (MOST RECENT VERSION AS APPLICABLE) OR IN ACCORDANCE WITH MORE STRINGENT REQUIREMENTS IMPOSED BY THE SUPPLIER OF WATER.

UTILITY NOTES:

- PRIOR TO THE START OF UTILITY INSTALLATION THE CONTRACTOR AND SUBCONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL UTILITY CONNECTIONS WITH MECHANICAL/ARCHITECTURAL DRAWINGS FOR INCLUDING BUT NOT LIMITED TO VERTICAL AND HORIZONTAL LOCATION, PENETRATIONS, AND SIZES. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNERS ONSITE REPRESENTATIVE UPON COMPLETION OF COORDINATION WITH CONTRACTORS, AND PLANS.
- THE DEVELOPER AND HIS/HER CONTRACTOR IS RESPONSIBLE FOR COORDINATING GAS, ELECTRICAL, CABLE, TELEPHONE AND ANY OTHER UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET WITH APPROPRIATE AGENCY. PASSERO ASSOCIATES ASSUMES NO RESPONSIBILITY FOR THE DESIGN OR PERFORMANCE OF UTILITIES NOT SPECIFICALLY SHOWN WITHIN THIS PLAN SET.
- PRIOR TO THE START OF UTILITY INSTALLATION THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY AND COORDINATE WITH EXISTING UTILITIES SHOWN ON THE PLANS AND REPORT ANY DISCREPANCIES TO THE DESIGN ENGINEER. THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROCEED WITH UTILITY INSTALLATION BY THE OWNERS ONSITE REPRESENTATIVE UPON COMPLETION EXISTING UTILITY VERIFICATION.
- THRUST BLOCKS ON THE WATERMAIN ARE REQUIRED AT BENDS, TEES OR PLUGS. SEE DETAIL SHEETS FOR THRUST BLOCK DETAILS.



Client:
DAKOTA PARTNERS, INC.
235 BEAR HILL ROAD
WALTHAM, MA, 02451



Revisions

No.	Date	By	Description
1	5/8/22	JDS	PER TOWN BOARD COMMENTS
2	5/24/22	JDS	PER FIRE MARSHAL COMMENTS
3	6/9/22	JDS	PER TOWN COMMENTS
4	8/24/22	JDS	PER TOWN COMMENTS

DETAILS

SOUTHRIDGE LANDING

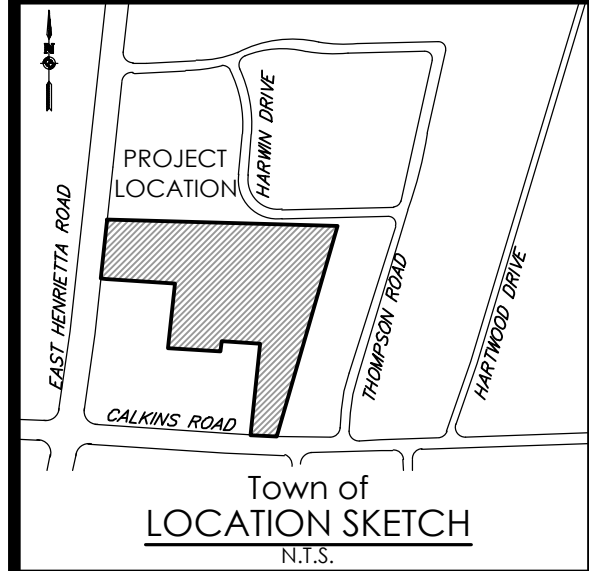
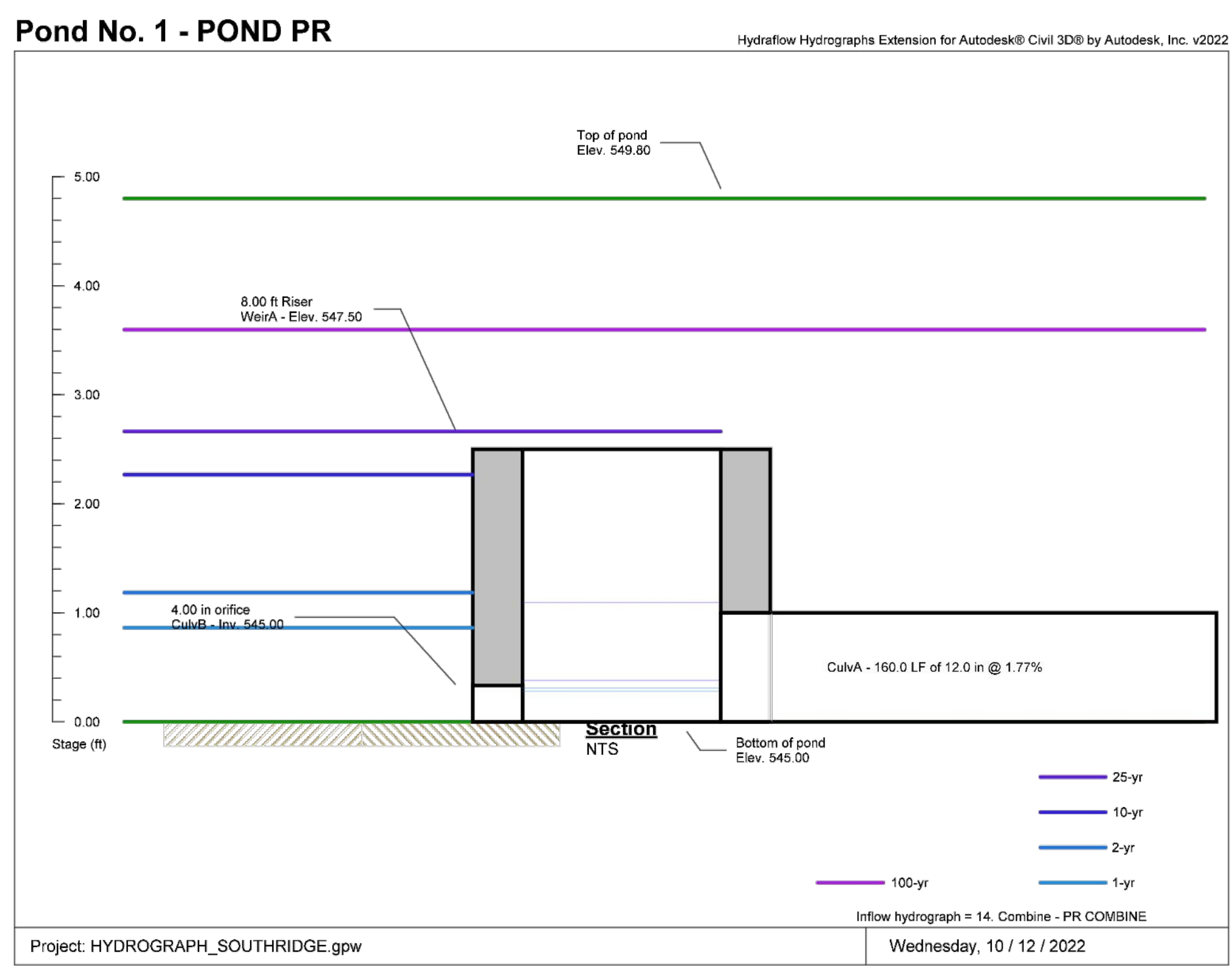
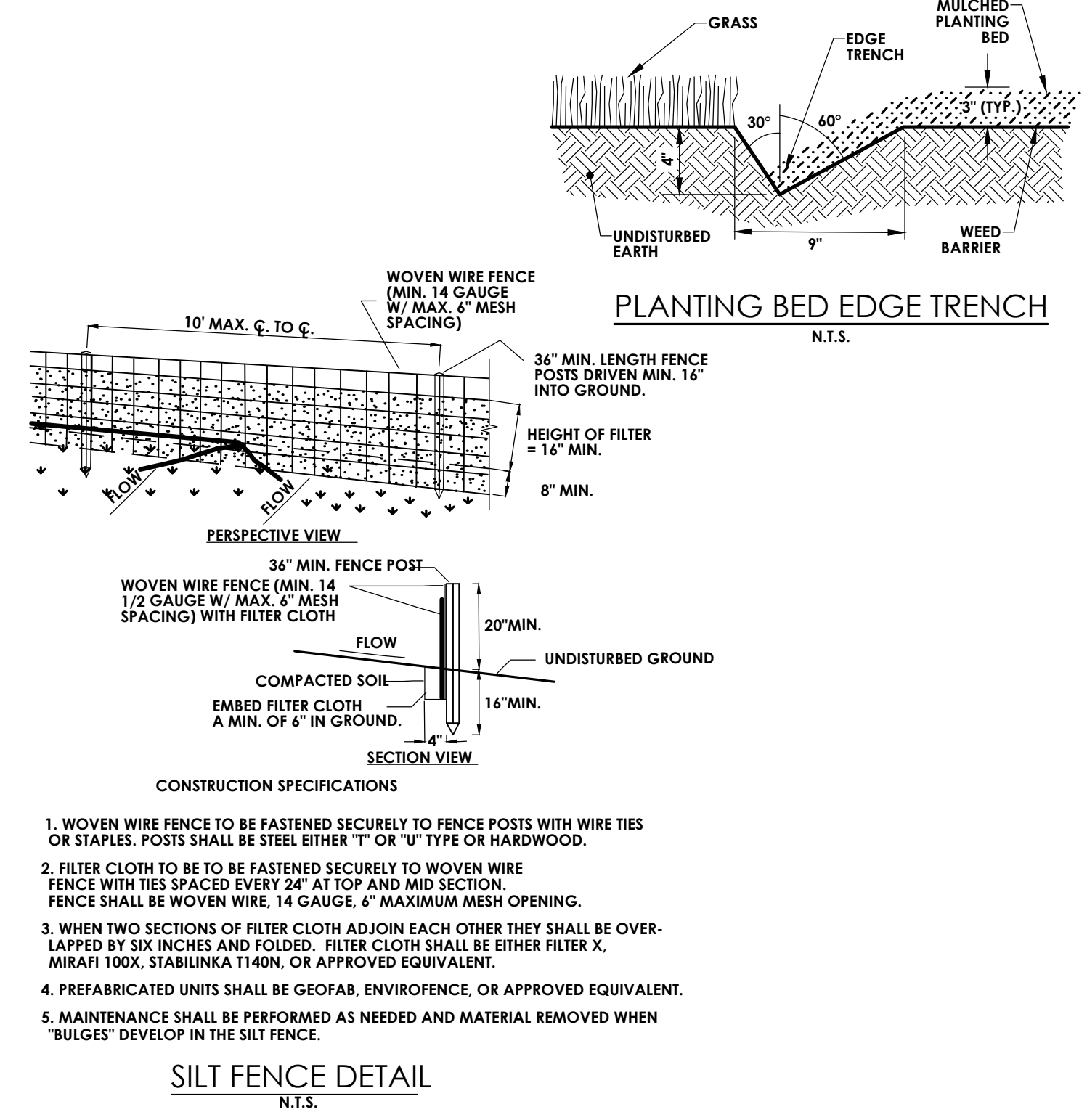
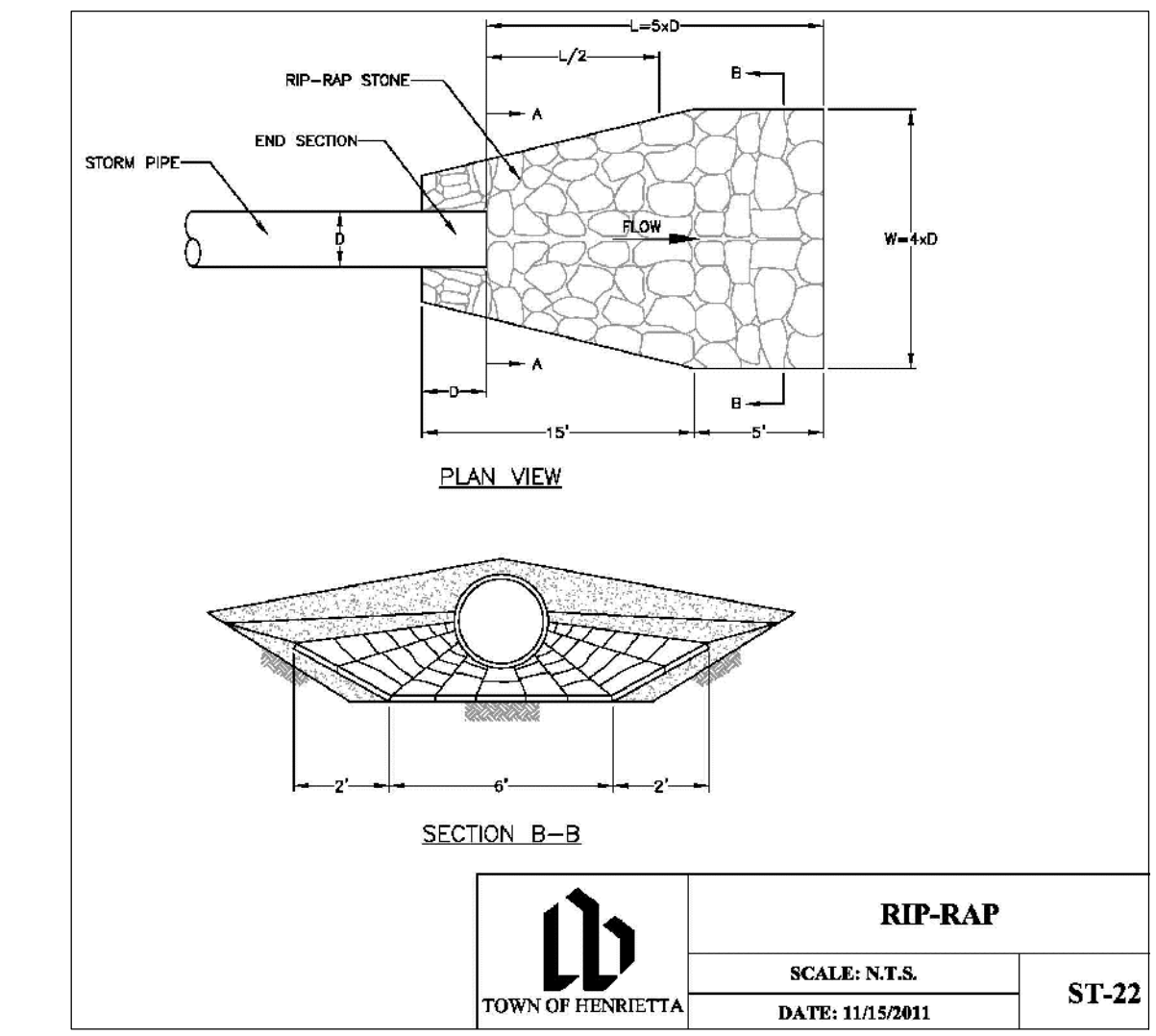
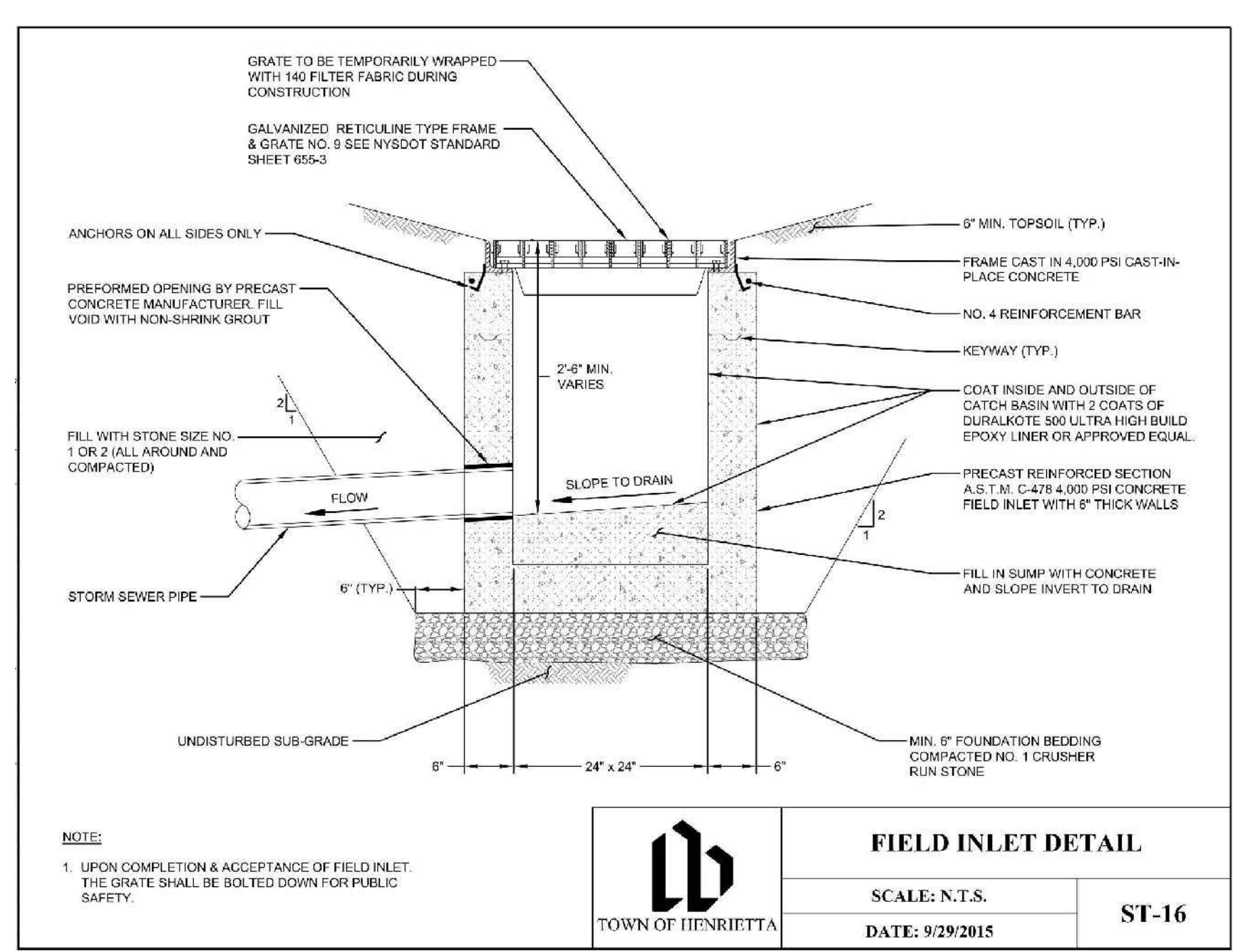
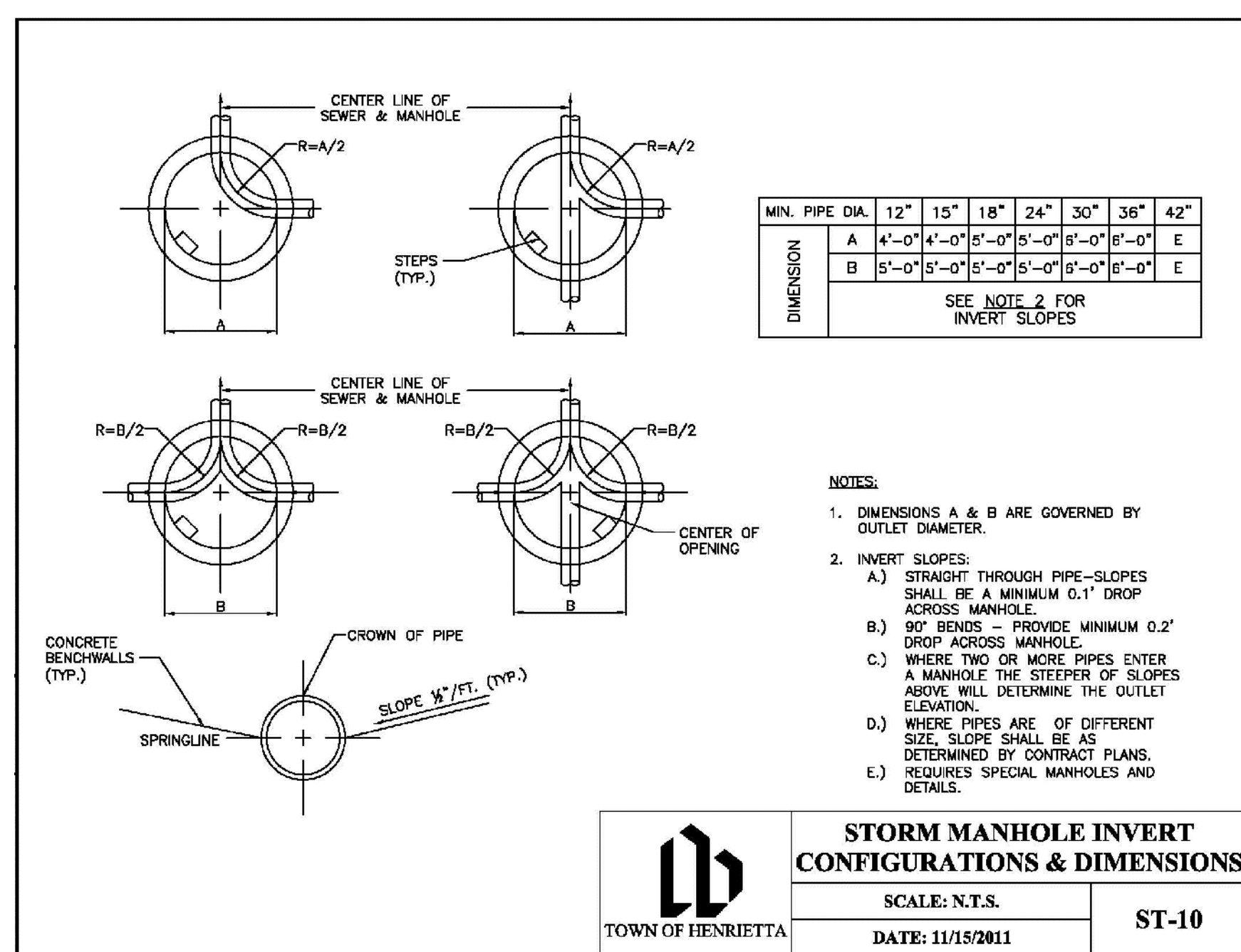
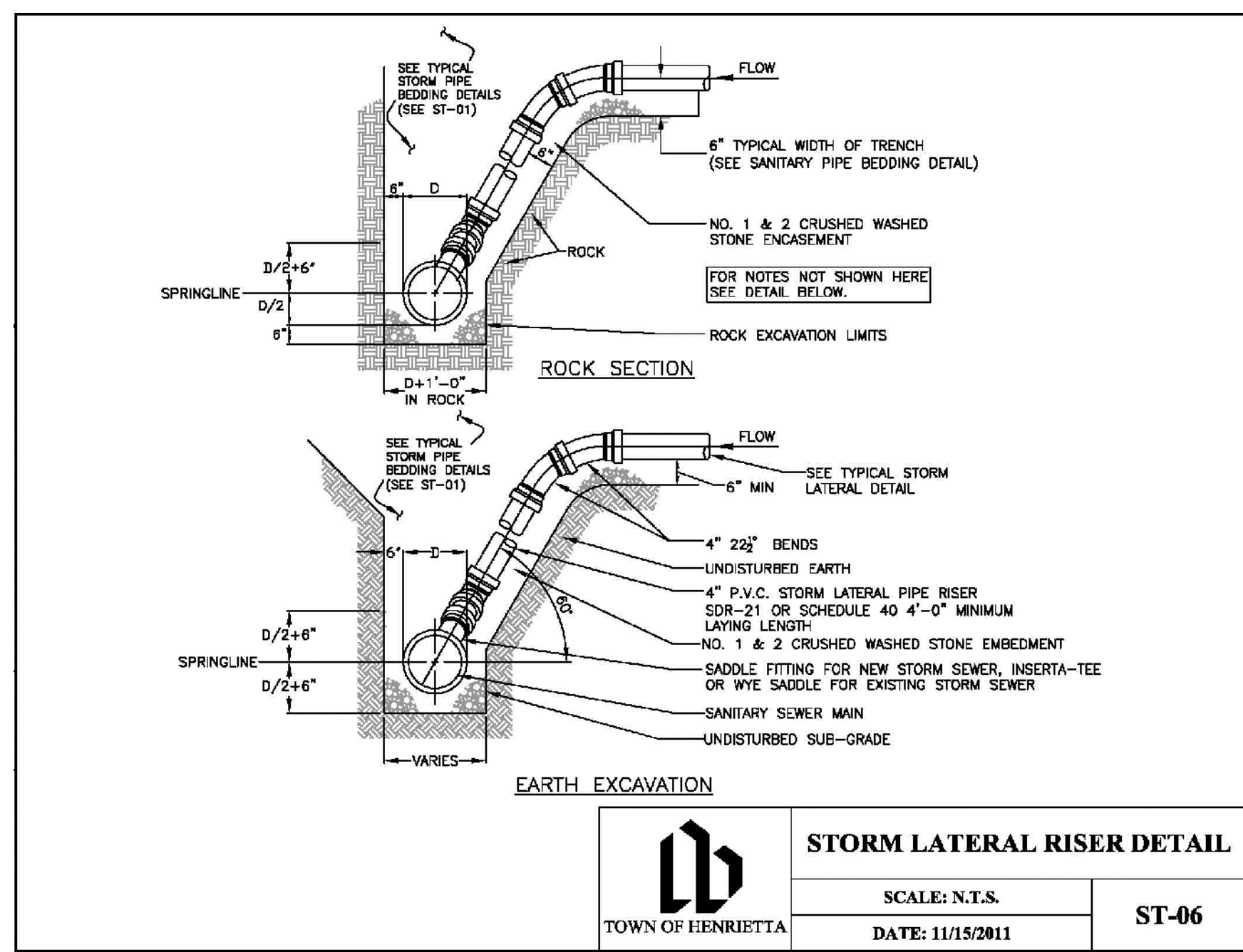
Town/City: HENRIETTA
County: MONROE State: NEW YORK

Project No.
20223310.0001

Drawing No.
C 202

Date
OCTOBER 2022

NOT FOR CONSTRUCTION



Client:
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Principal-in-Charge: Jess Sudol, PE
 Project Manager: David Cox, PE
 Designed by: Joshua Saxton, EIT



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2	5/24/22	JDS	PER FIRE MARSHAL COMMENTS
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DETAILS

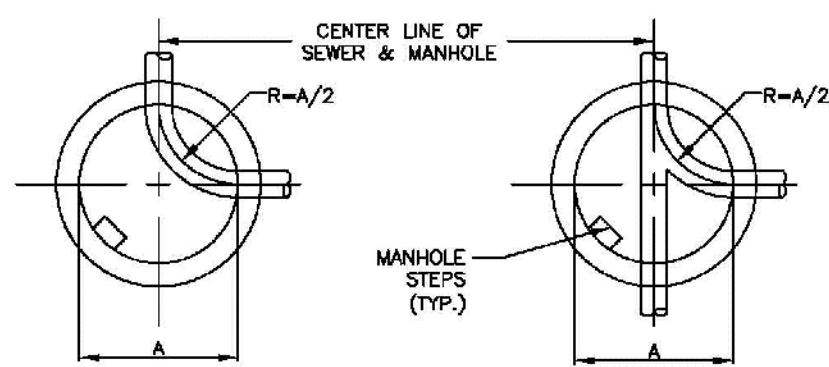
SOUTHRIDGE LANDING

Town/City: HENRIETTA
 County: MONROE State: NEW YORK

Project No.
20223310.0001

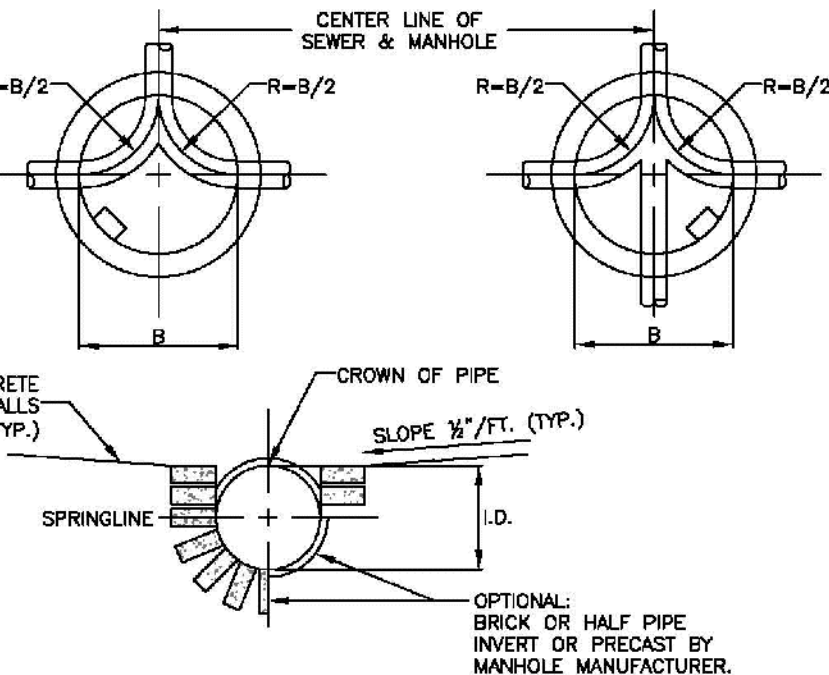
Drawing No.
C 202

Date
OCTOBER 2022



MIN. PIPE DIA.	8"	10"	12"	15"	18"
A	4'-0"	4'-0"	4'-0"	5'-0"	5'-0"
B	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"

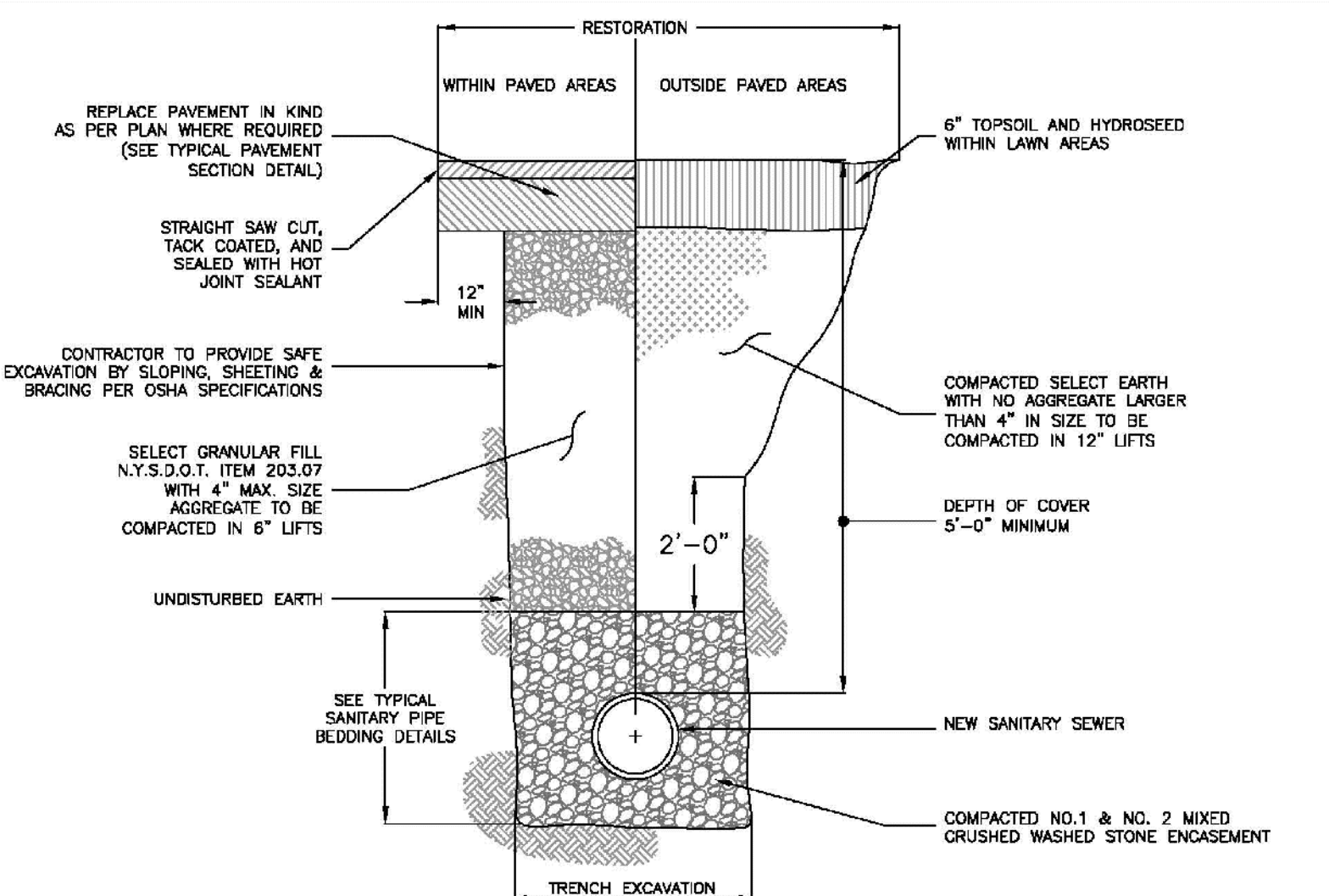
SEE NOTE 2 FOR INVERT SLOPES



- NOTES:**
- DIMENSIONS A & B ARE GOVERNED BY OUTLET DIAMETER.
 - INVERT SLOPES:
 - A) STRAIGHT THROUGH PIPE-SLOPES SHALL BE A MINIMUM 0.10' DROP ACROSS MANHOLE.
 - B) 90° BENDS - PROVIDE MINIMUM 0.25' DROP ACROSS MANHOLE.
 - C) WHERE TWO OR MORE PIPES ENTER A MANHOLE THE STEEPER OF SLOPES ABOVE WILL DETERMINE THE OUTLET ELEVATION.
 - D) WHERE PIPES ARE OF DIFFERENT SIZE, SLOPE SHALL BE AS DETERMINED BY CONTRACT PLANS.

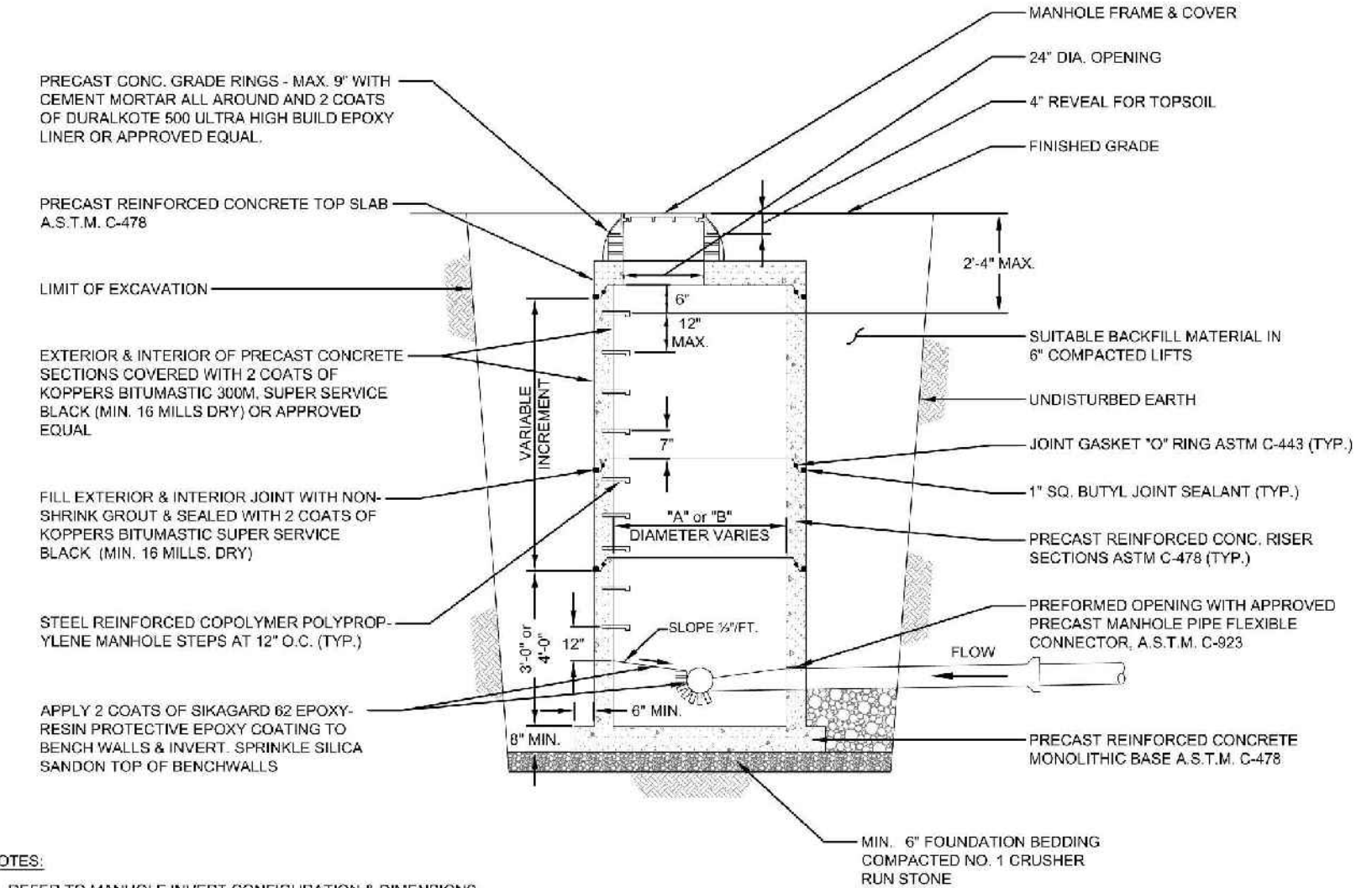
SANITARY MANHOLE INVERT CONFIGURATIONS & DIMENSIONS

SCALE: N.T.S. DATE: 11/15/2011 SA-09



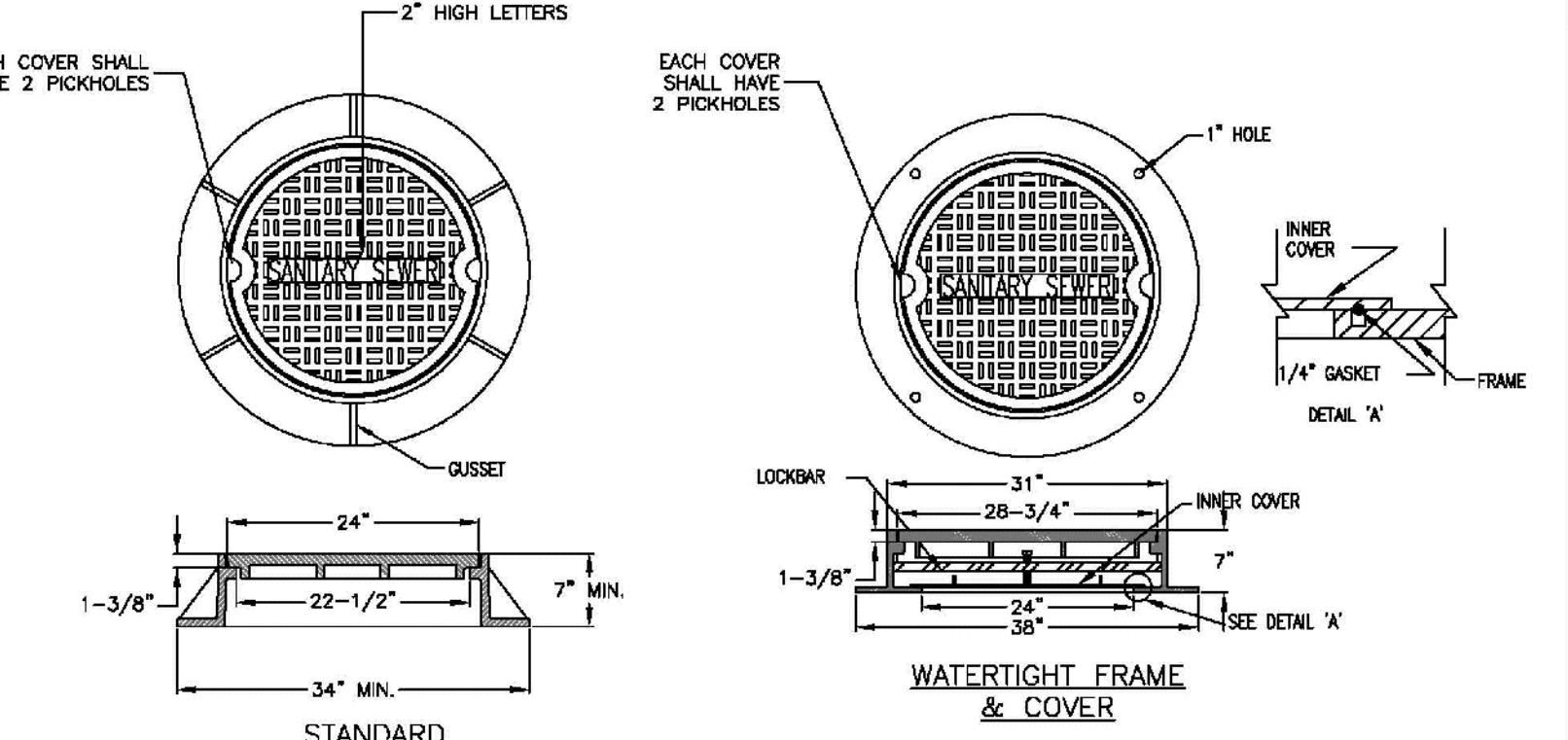
TYPICAL SANITARY SEWER TRENCH DETAIL

SCALE: N.T.S. DATE: 11/15/2011 SA-02



SANITARY MANHOLE DETAIL

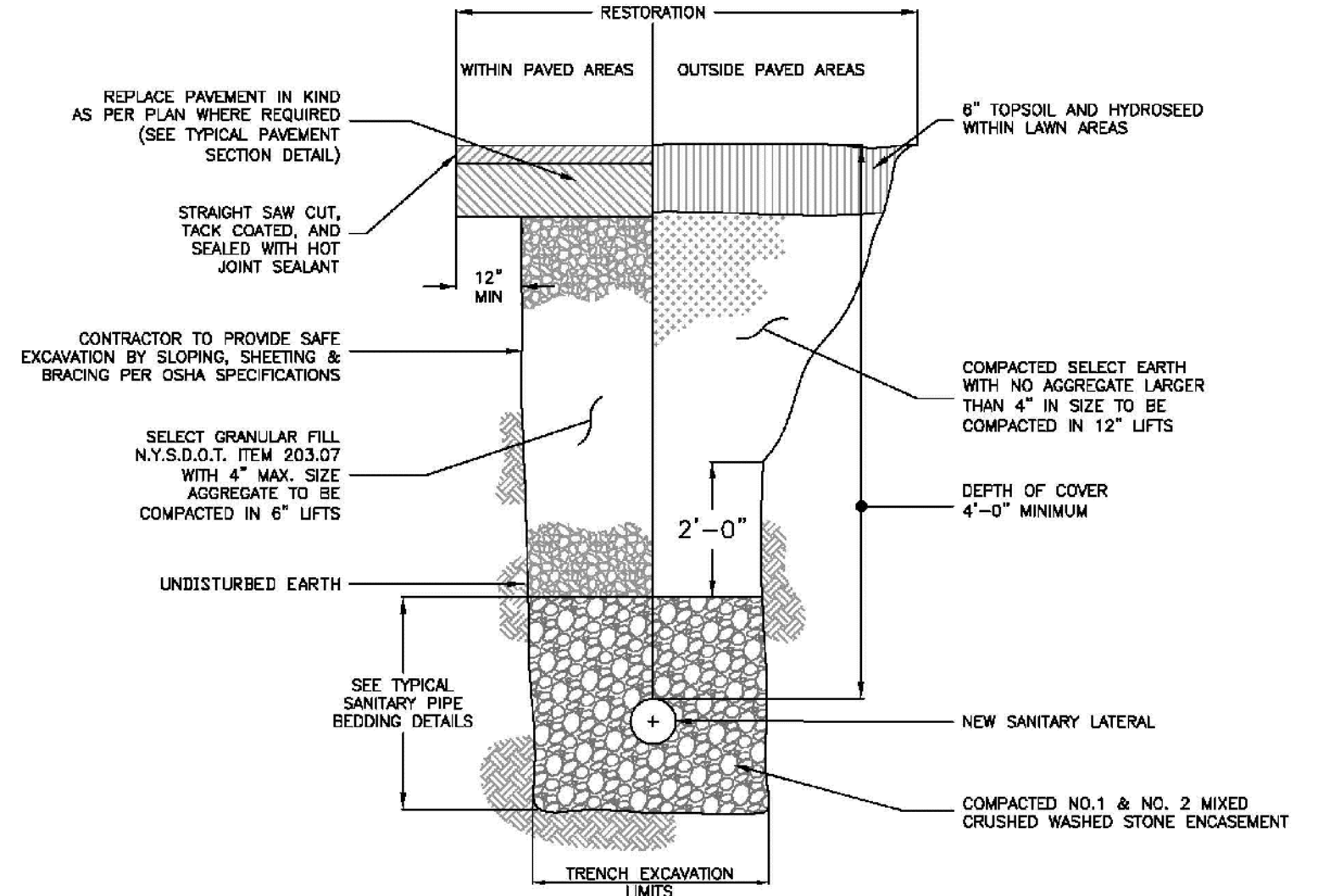
SCALE: N.T.S. DATE: 9/28/2015 SA-08



- NOTES:**
- MATERIAL SHALL BE GRAY CAST IRON CONFORMING TO A.S.T.M. A48 (LATEST REVISION) CLASS 308.
 - HEAVY DUTY CASTING SHALL BE DESIGNED FOR A.A.S.H.T.O. H20-16 WHEEL LOADS.
 - THE STANDARD CASTING SHALL BE MODEL NO. 1032 & WATERTIGHT CASTING MODEL NO. 8545 AS MANUFACTURED BY SYRACUSE CASTING SALES CORP. OR APPROVED EQUAL.

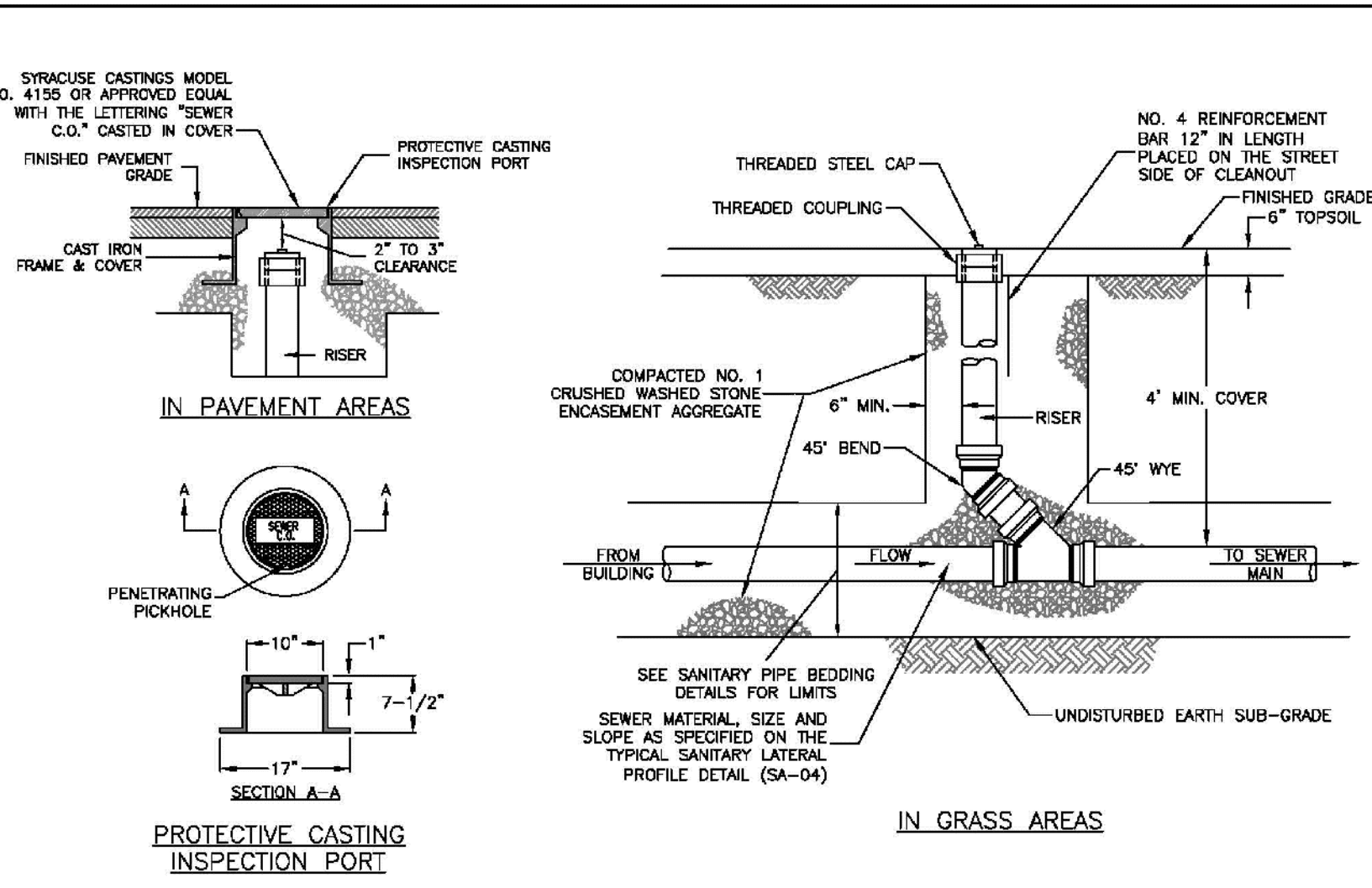
SANITARY MANHOLE FRAME AND COVER

SCALE: N.T.S. DATE: 11/15/2011 SA-10



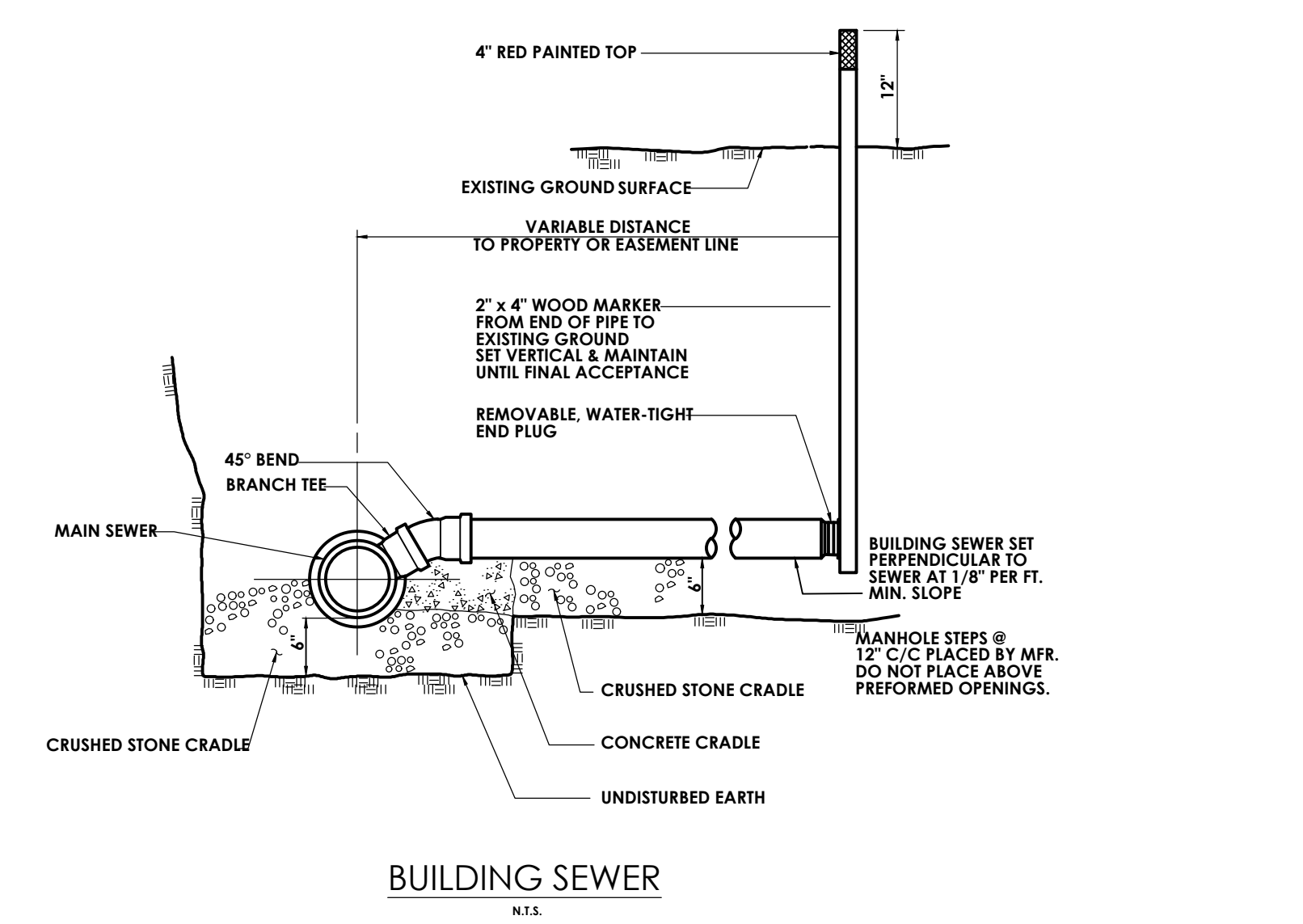
TYPICAL SANITARY LATERAL TRENCH DETAIL

SCALE: N.T.S. DATE: 11/15/2011 SA-03

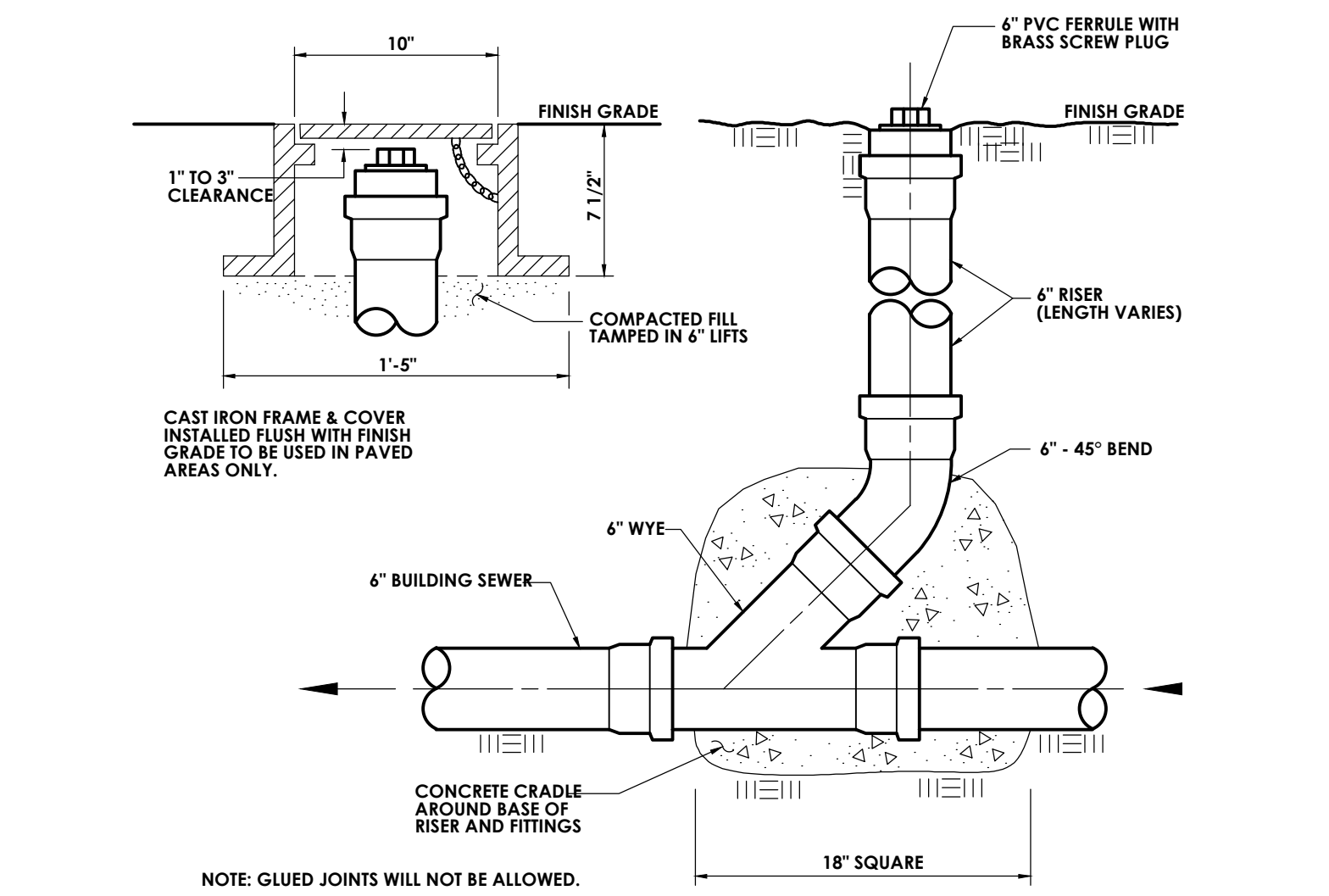


SANITARY LATERAL CLEANOUT

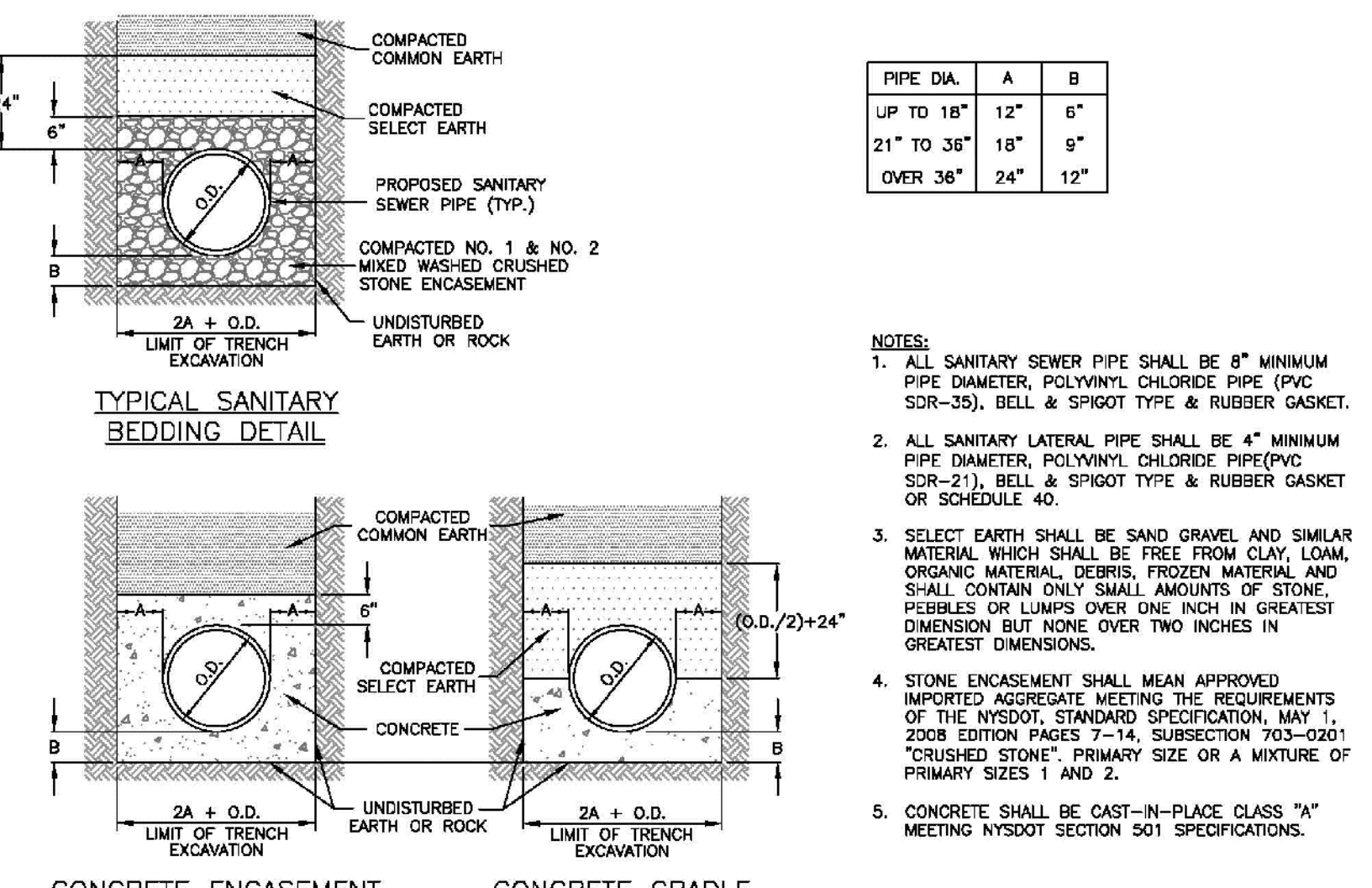
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BUILDING SEWER

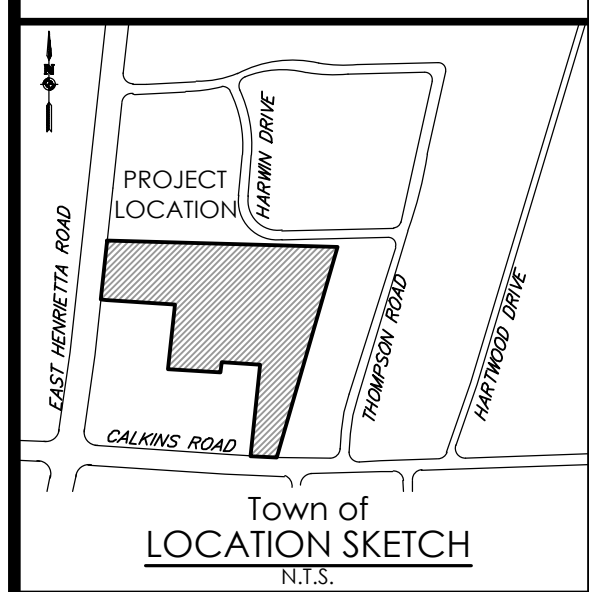


BUILDING SEWER CLEANOUT



TYPICAL SANITARY PIPE BEDDING DETAILS

SCALE: N.T.S. DATE: 11/15/2011 SA-01



Town of
LOCATION SKETCH
N.T.S.

Client:
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235 BEAR HILL ROAD
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PASSERO ASSOCIATES
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Fax: (585) 325-1691

Principal-in-Charge: **Jess Sudol, PE**
Project Manager: **David Cox, PE**
Designed by: **Joshua Saxton, EIT**

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No.	Date	By	Description
1	5/9/22	JDS	PER TOWN BOARD COMMENTS
2	5/24/22	JDS	PER FIRE MARSHAL COMMENTS
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4	8/24/22	JDS	PER TOWN COMMENTS

DETAILS

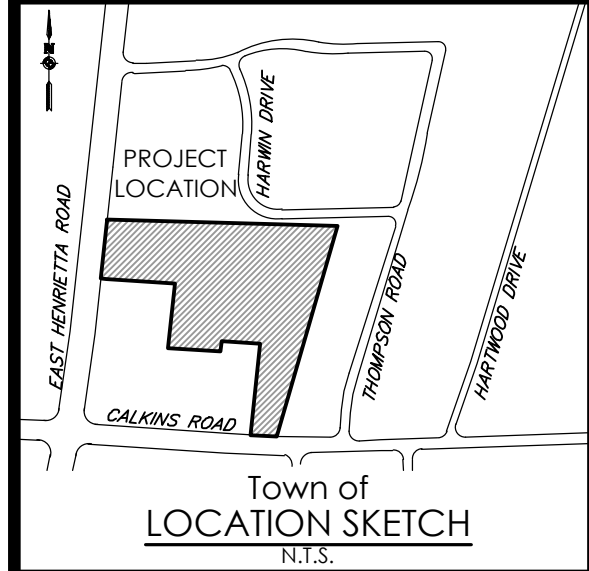
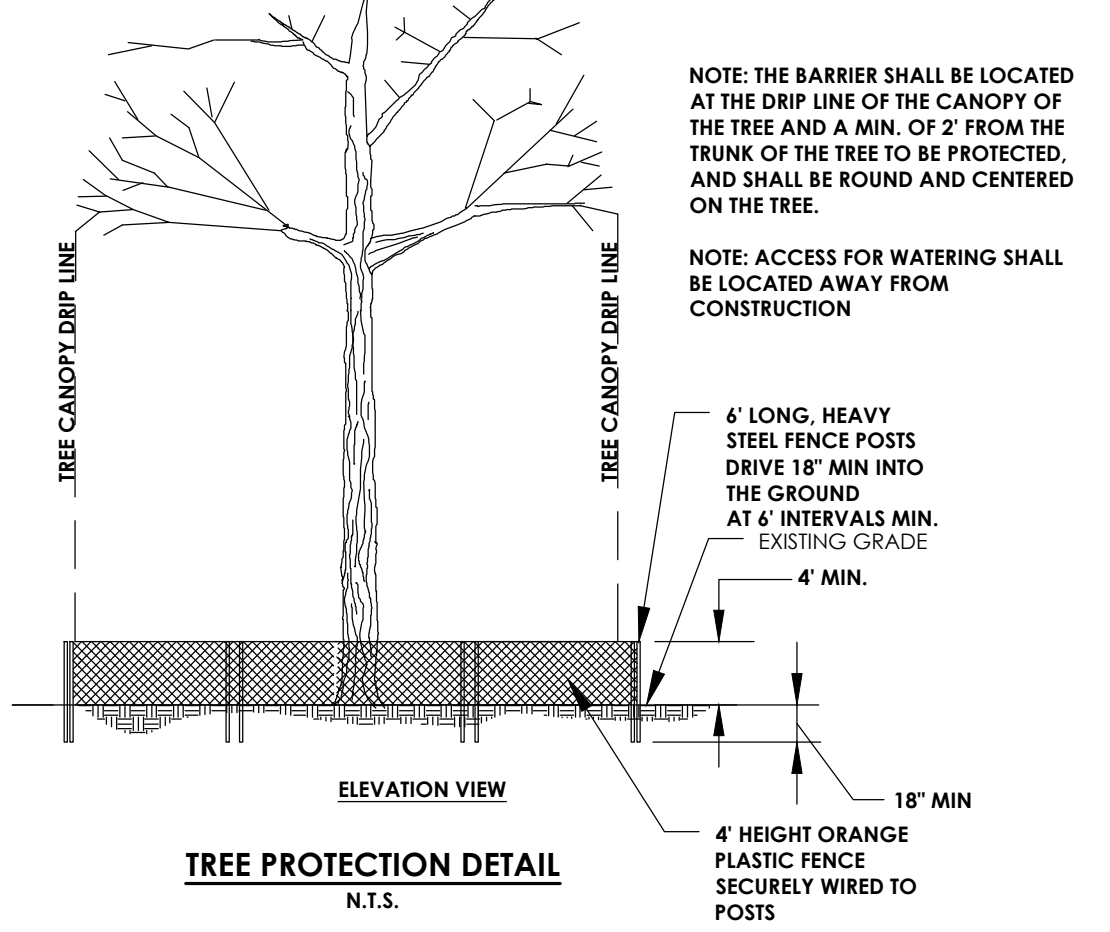
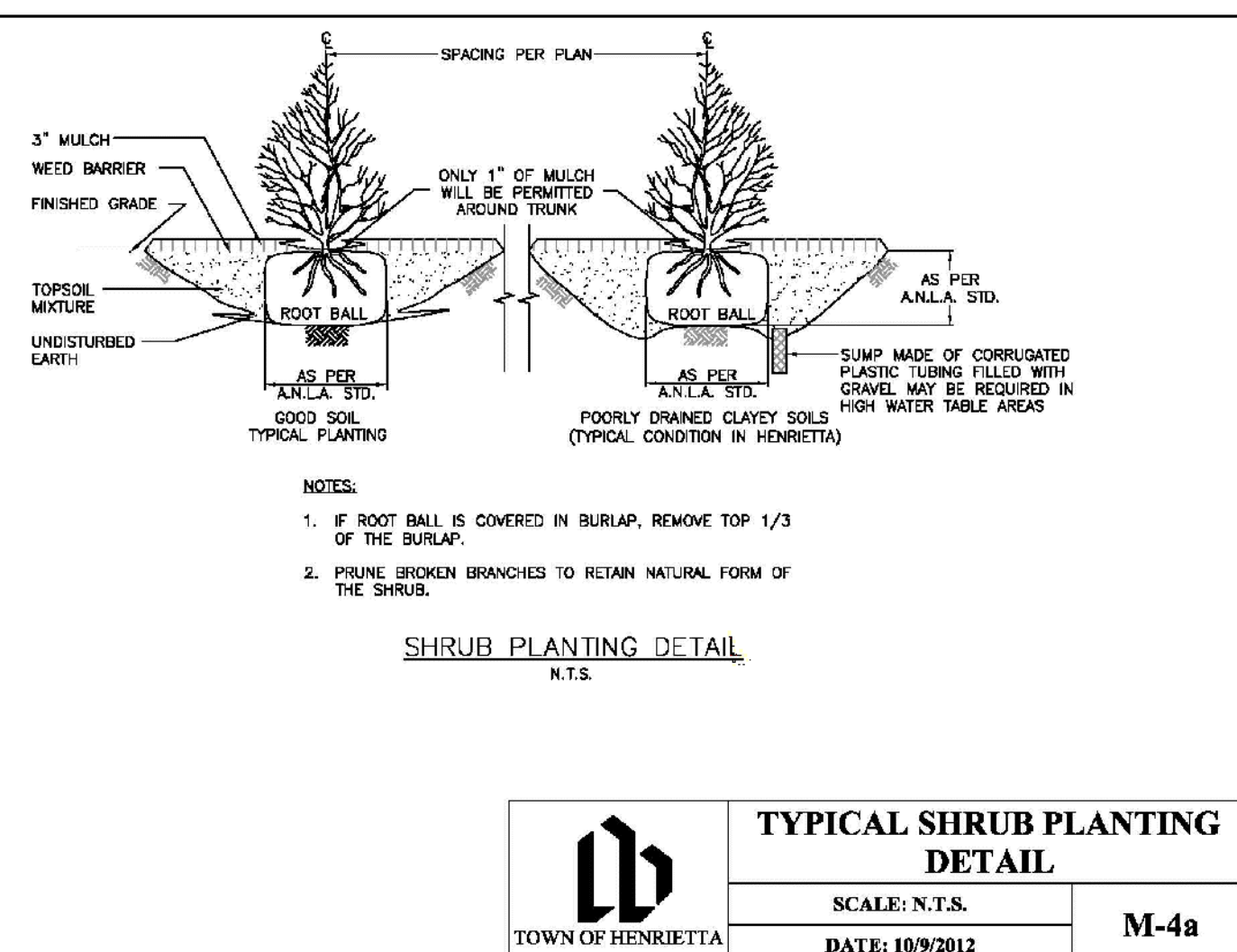
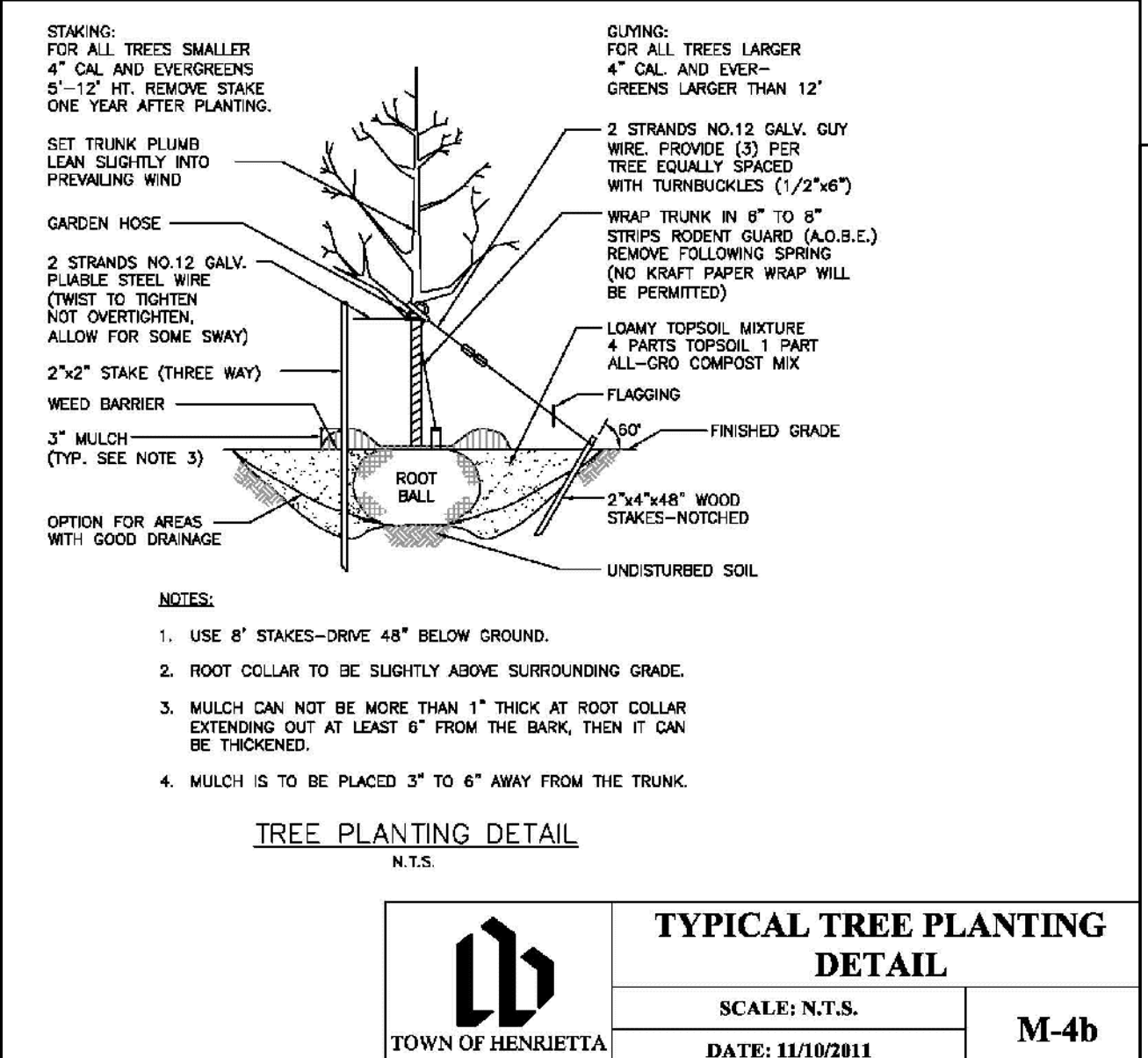
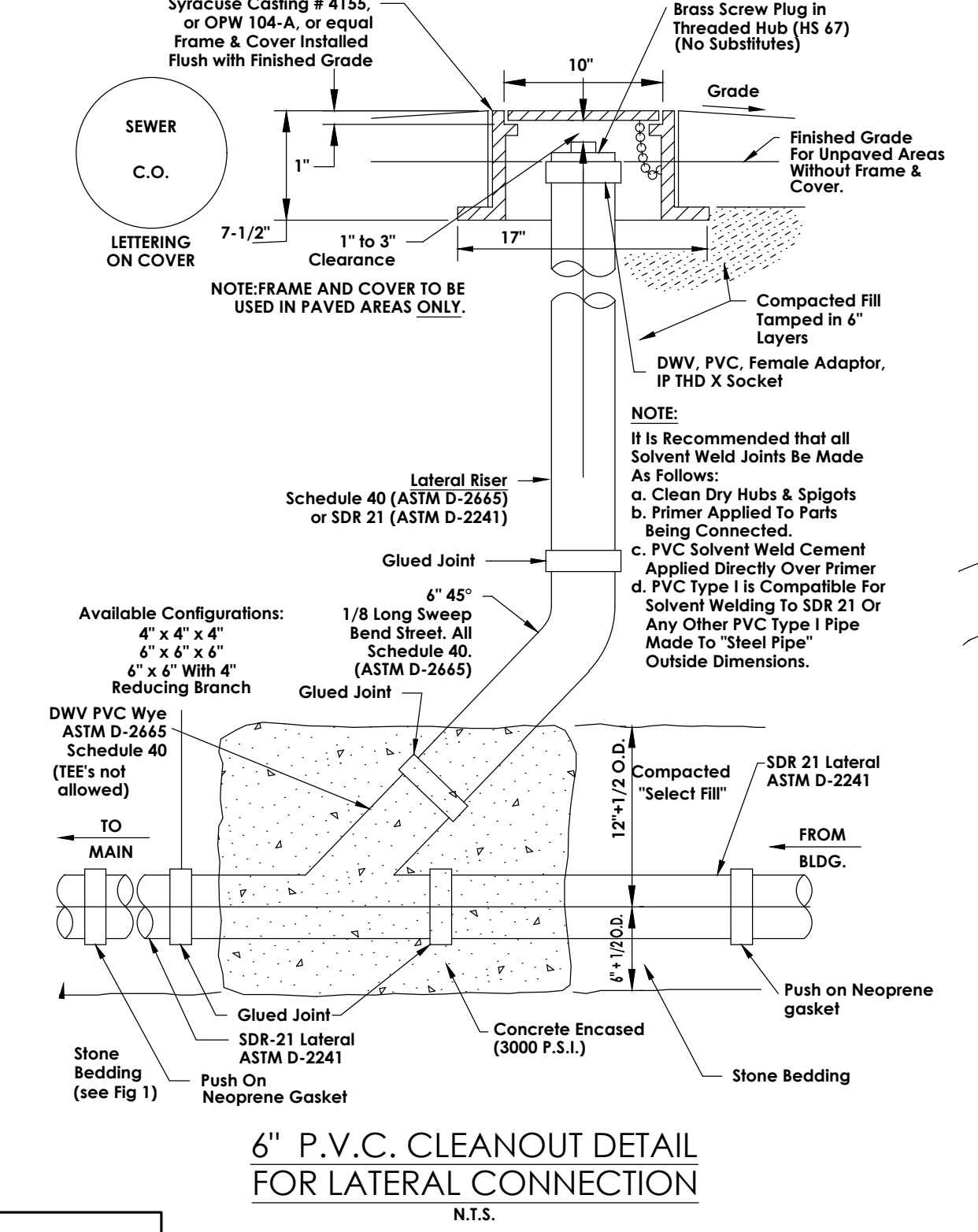
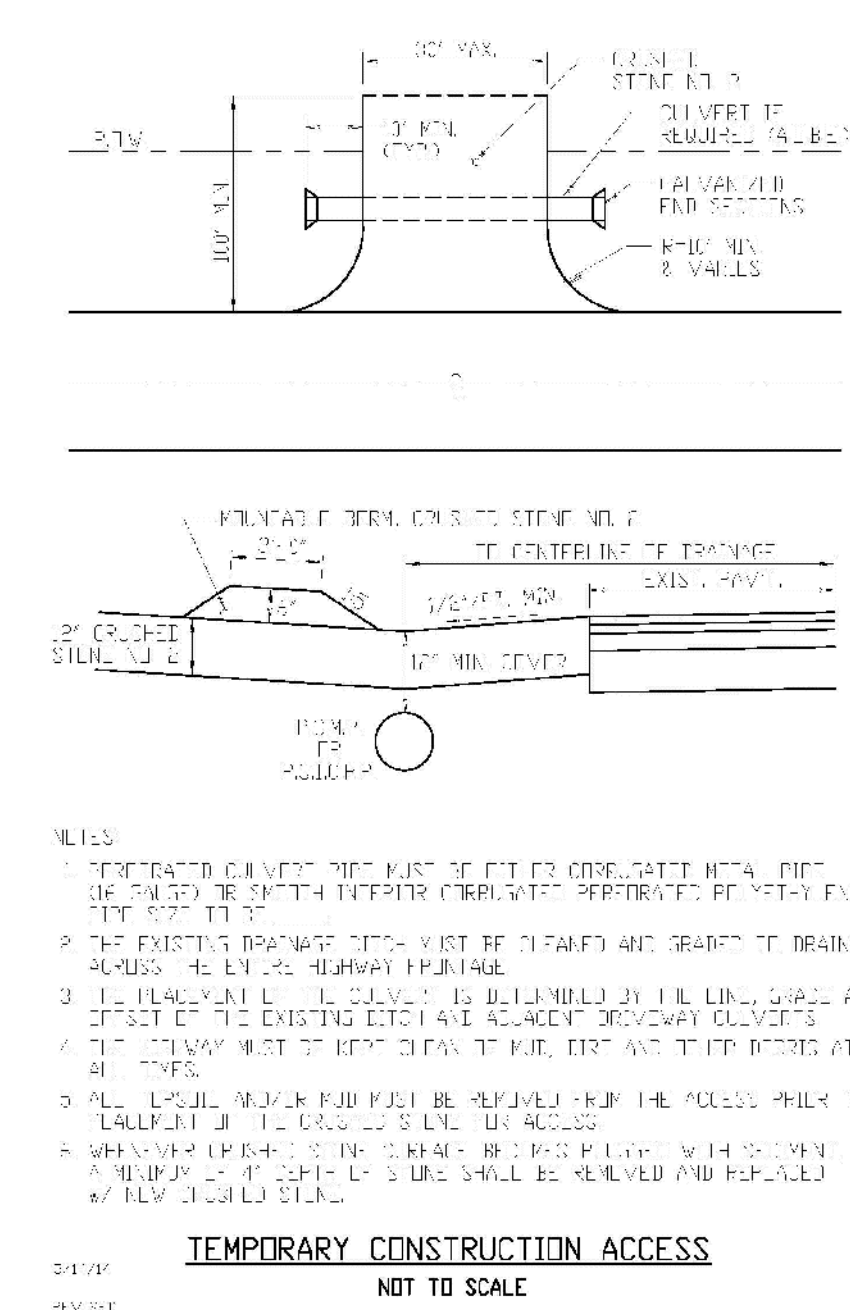
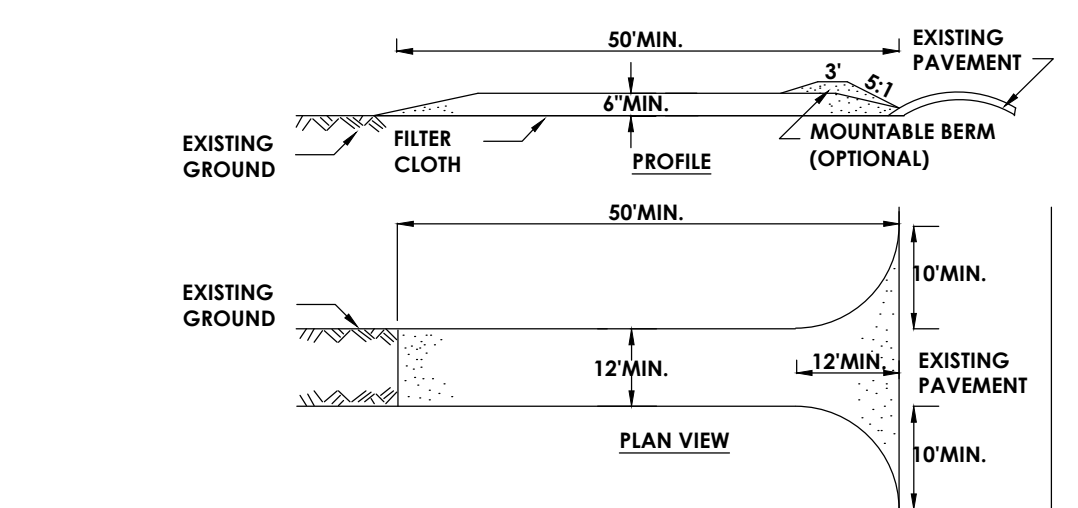
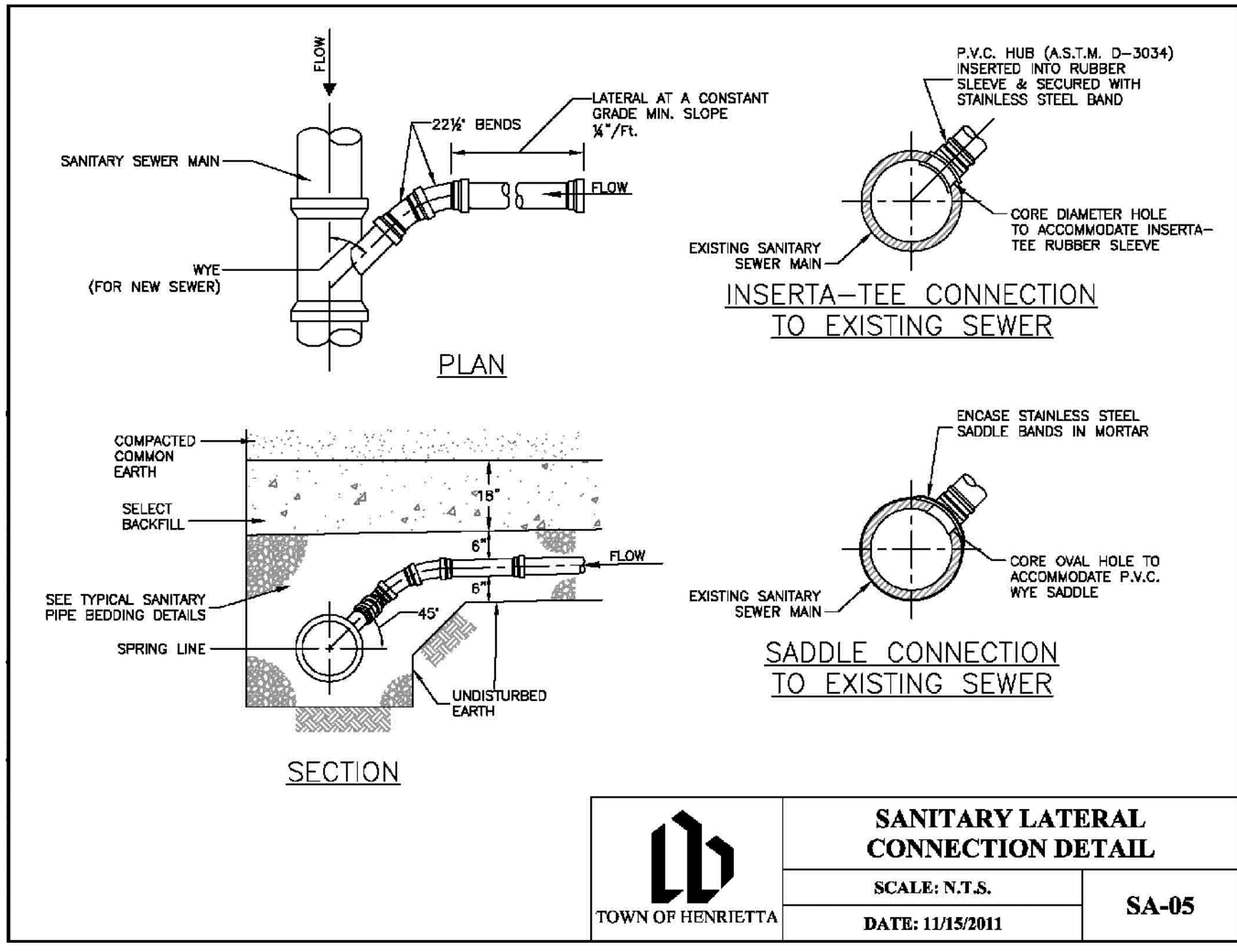
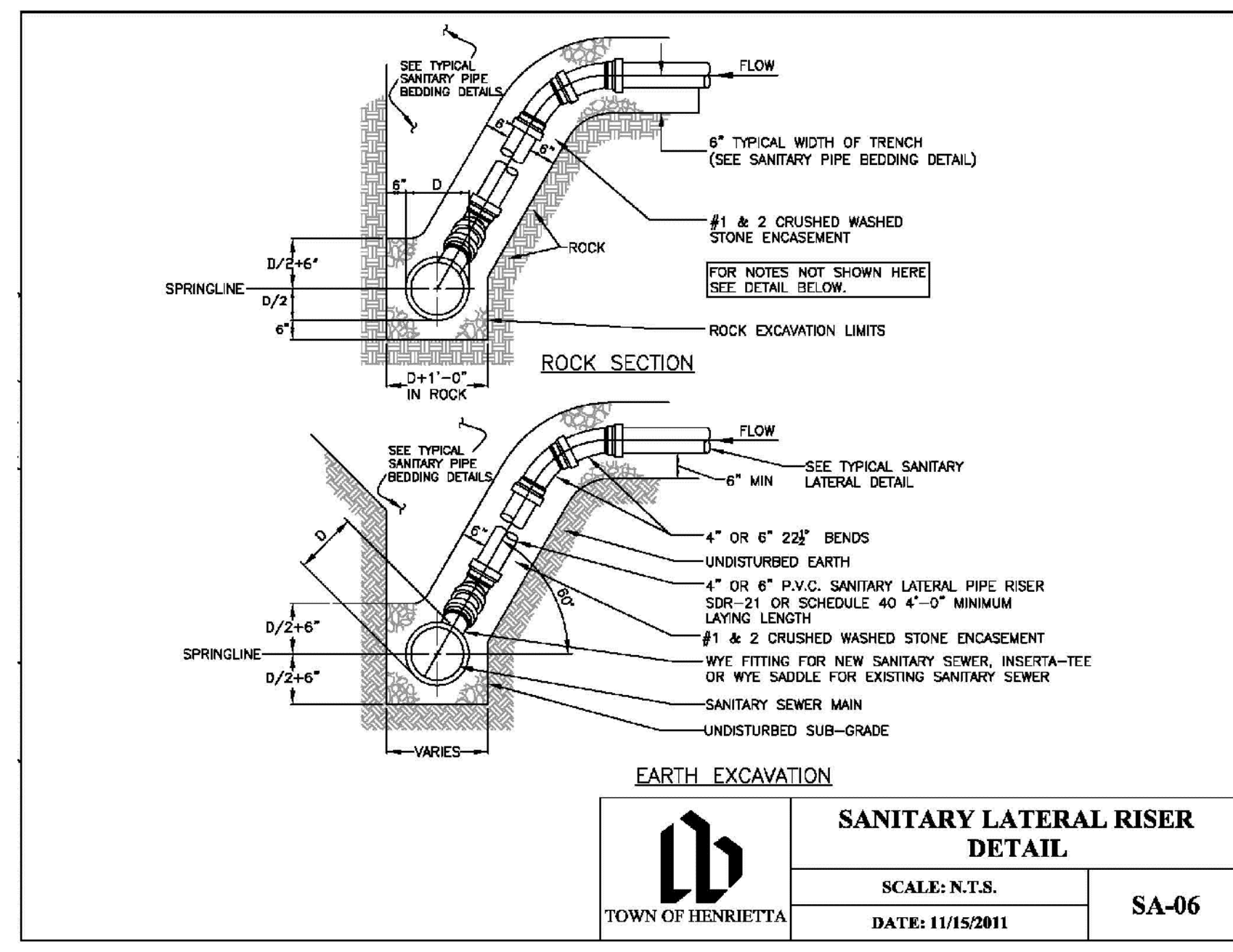
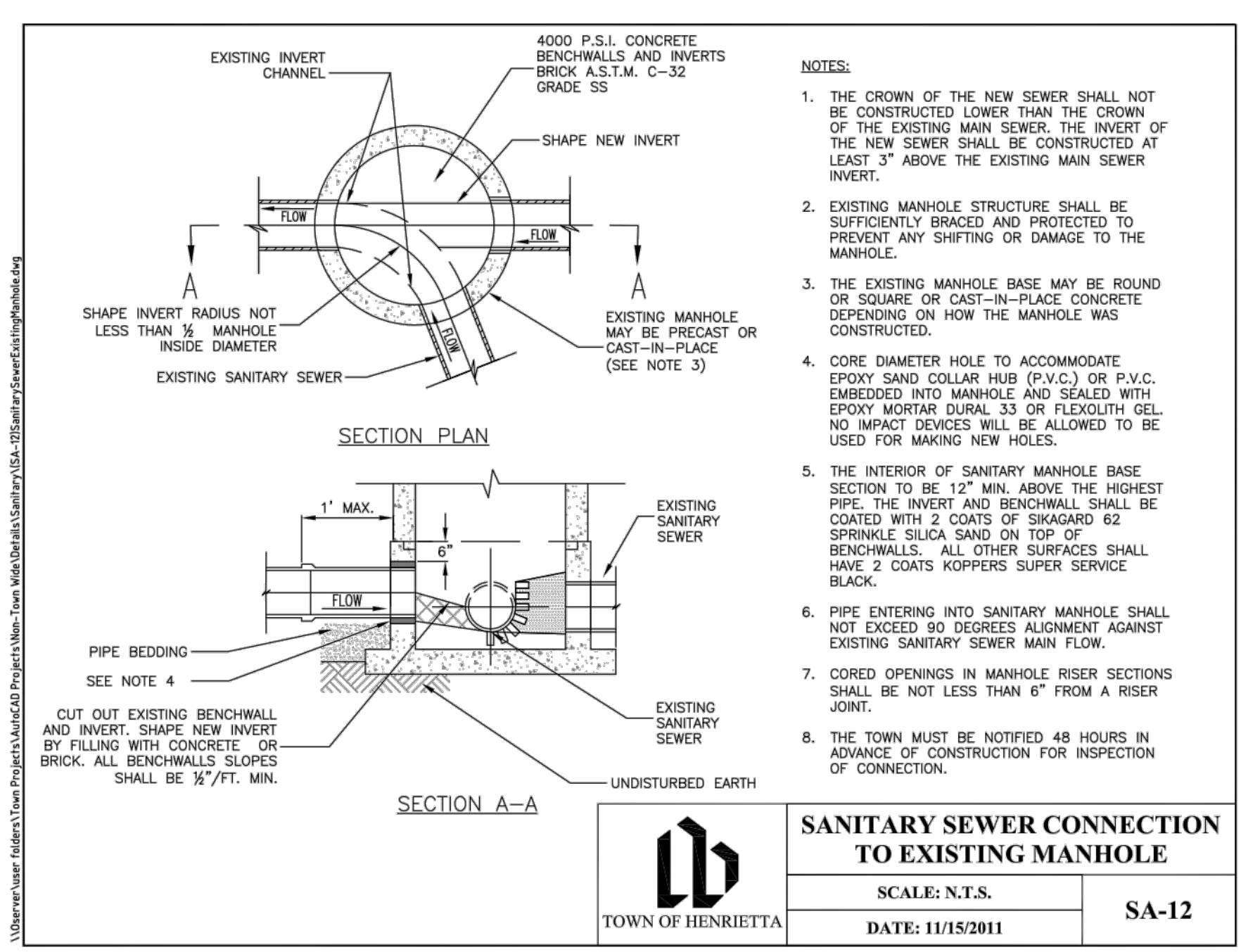
SOUTHRIDGE LANDING

Town/City: HENRIETTA
County: MONROE State: NEW YORK

Project No:
20223310.0001

Drawing No.
C 205

Date
OCTOBER 2022



Client:

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235 BEAR HILL ROAD
WALTHAM, MA, 02451

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242 West Main Street Suite 100
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Project Manager: **David Cox, PE**
Designed by: **Joshua Saxton, EIT**



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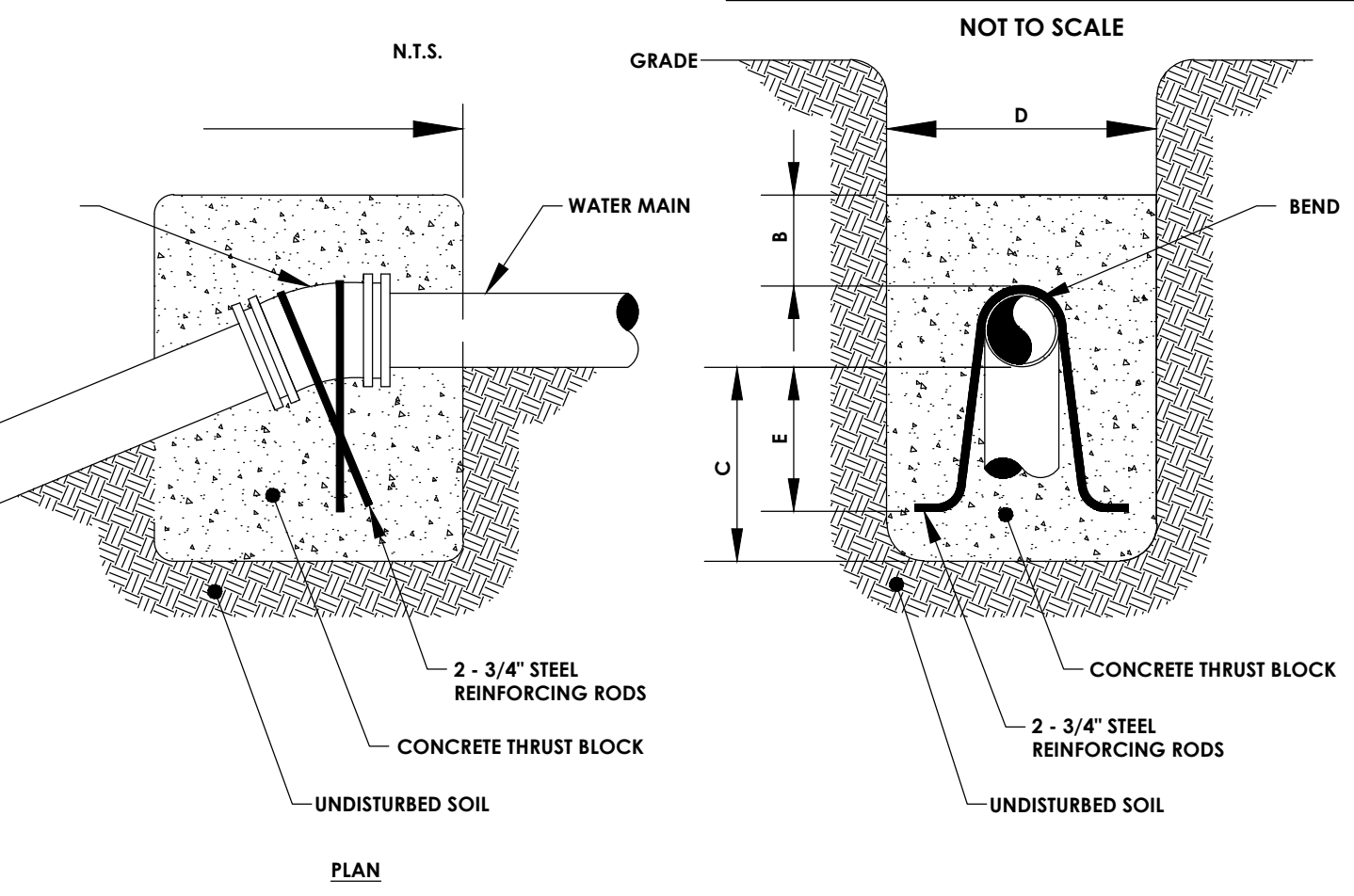
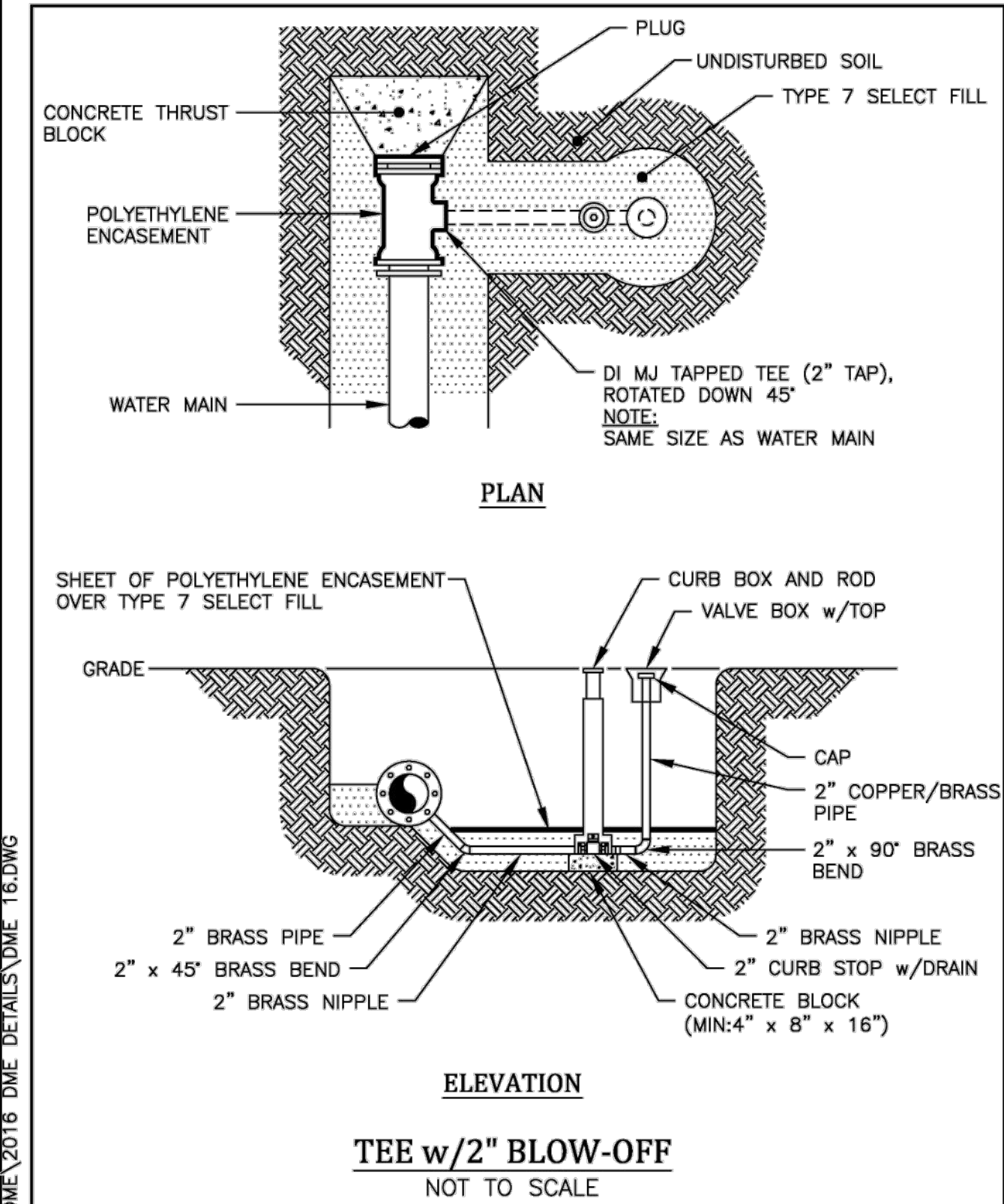
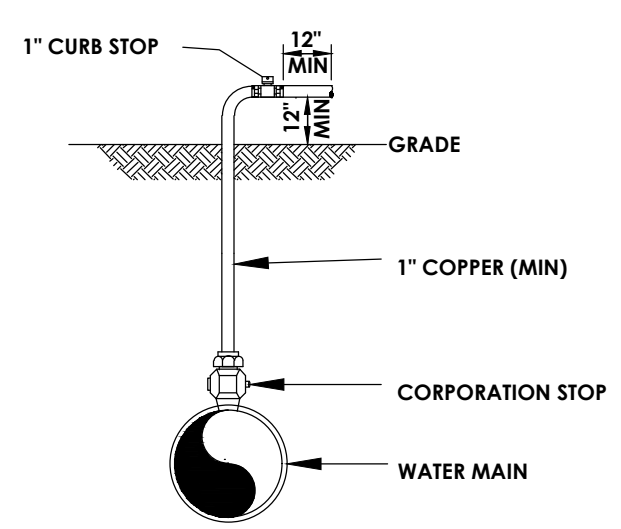
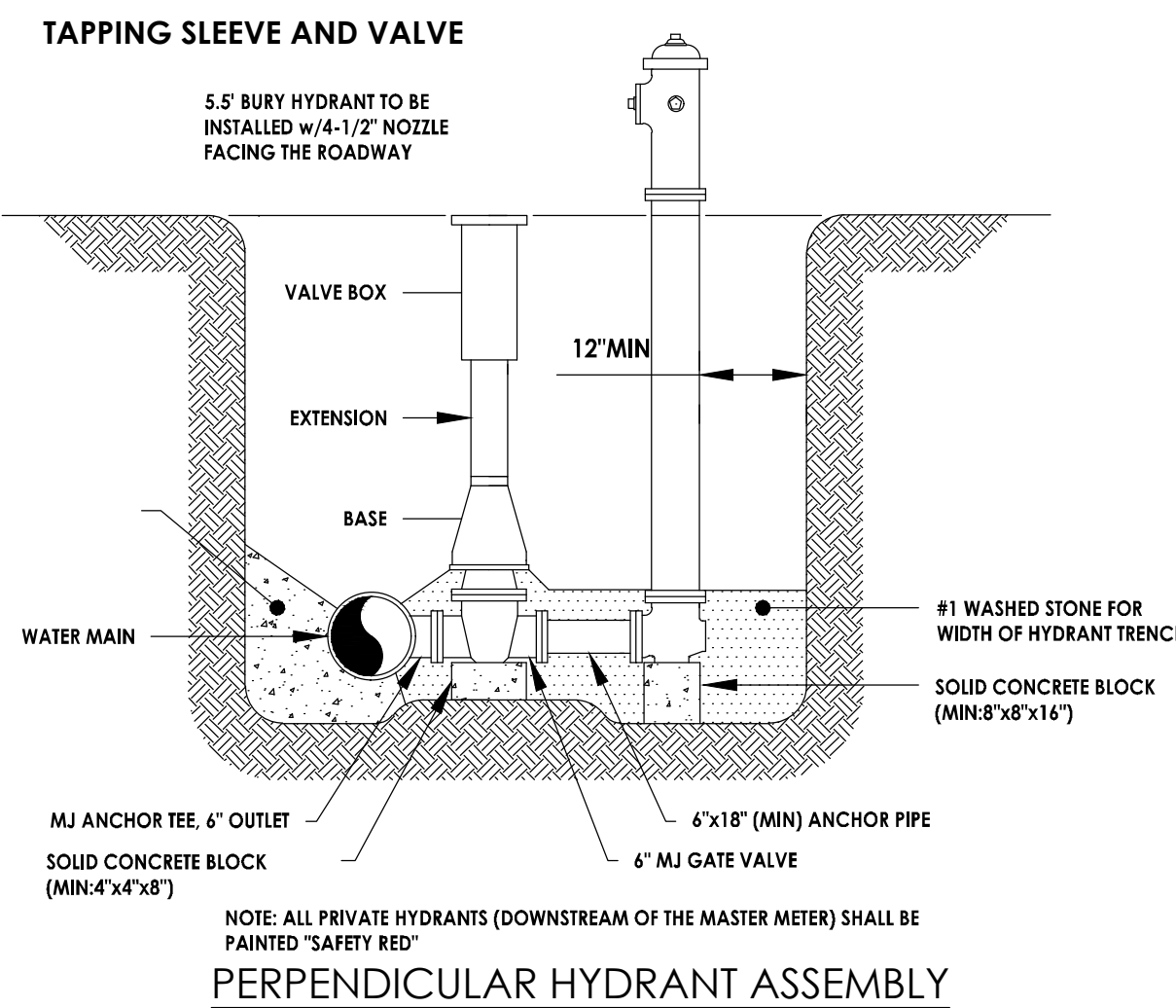
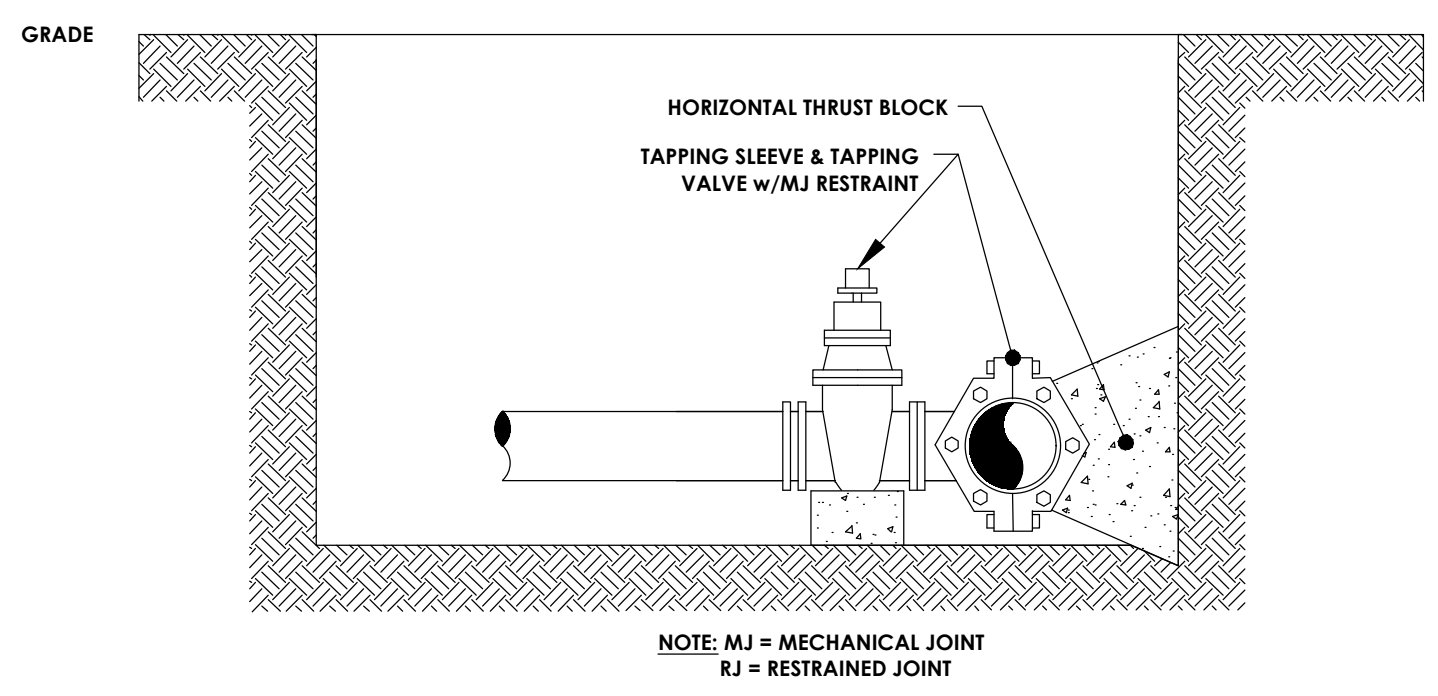
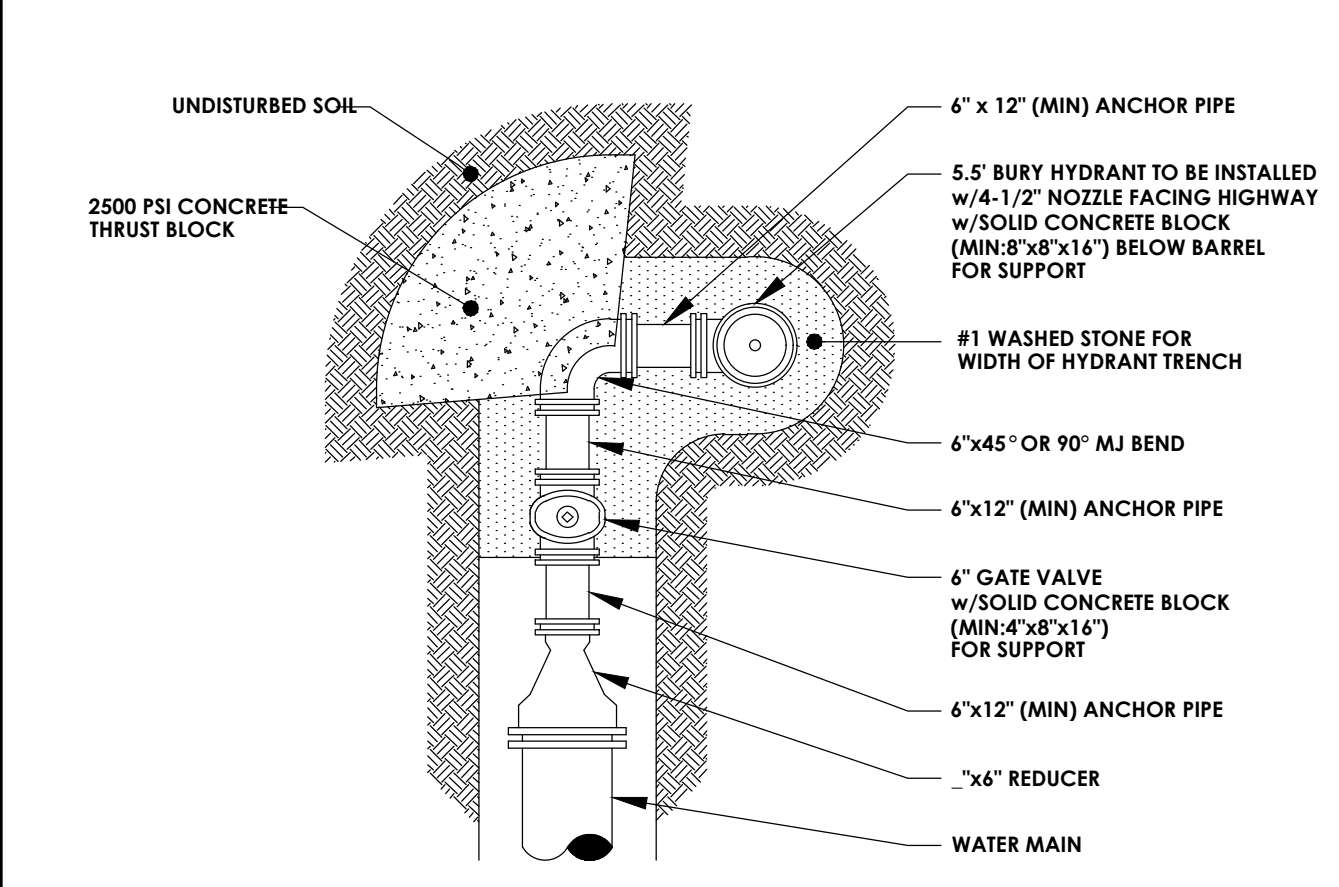
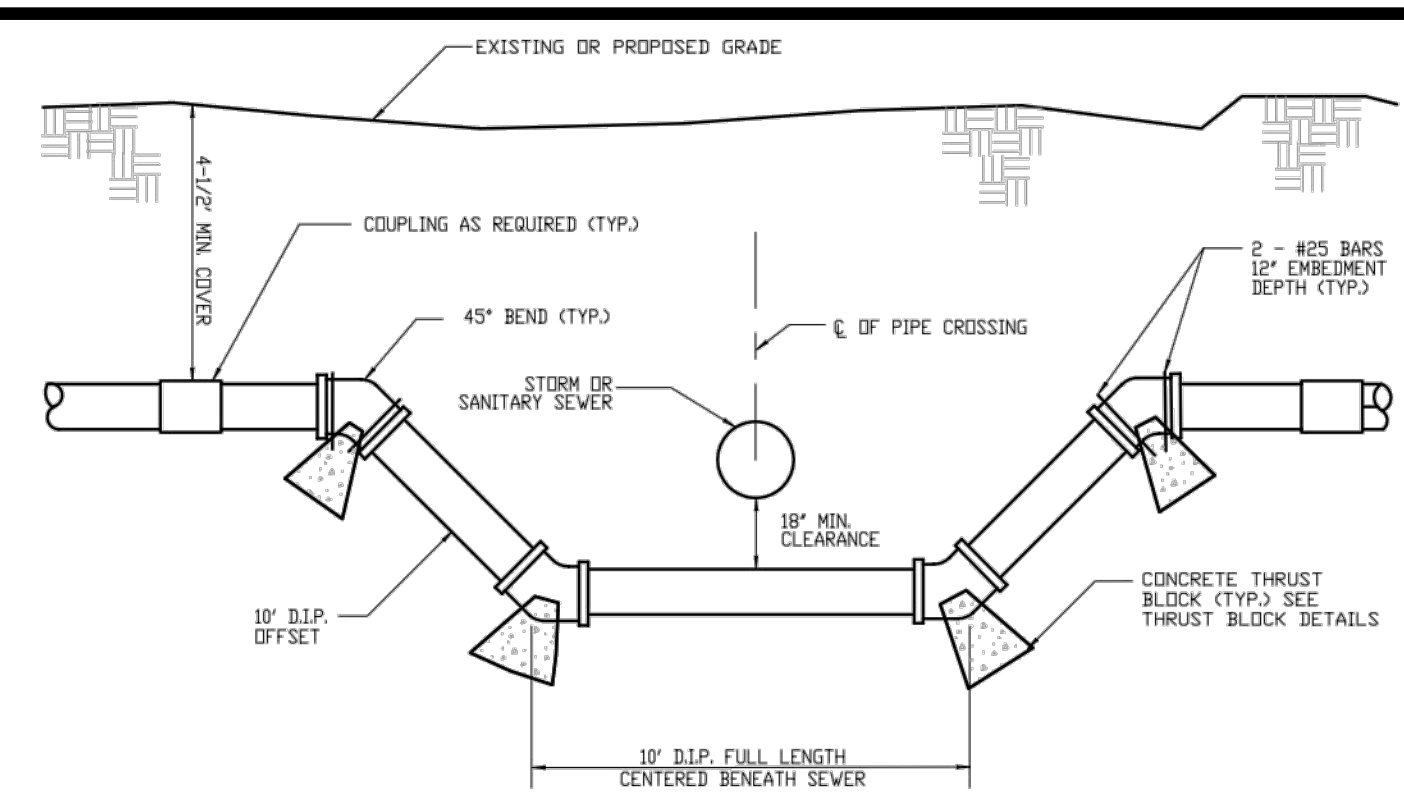
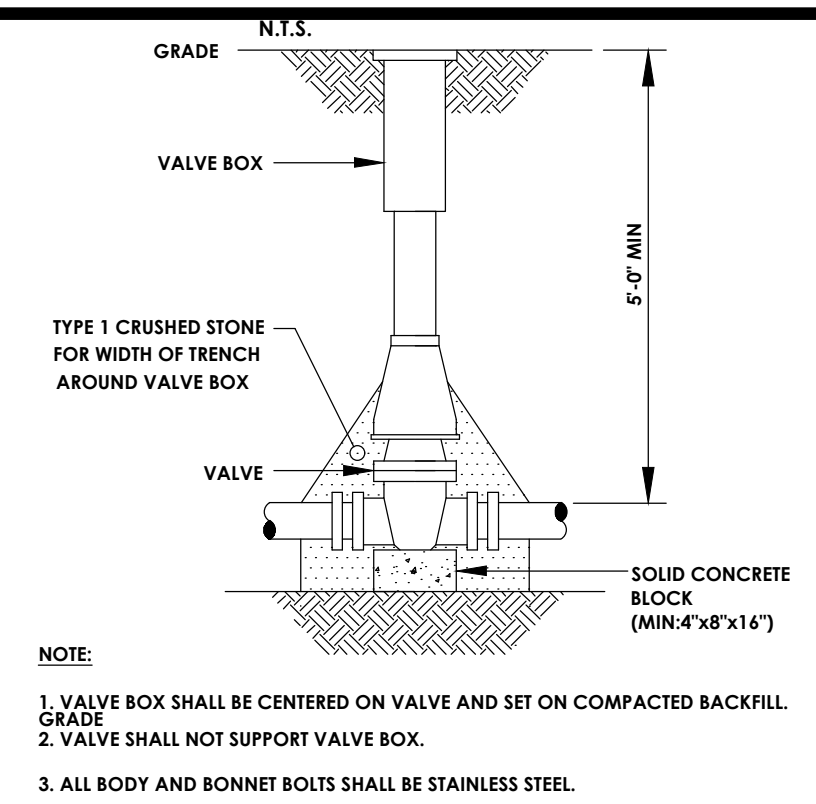
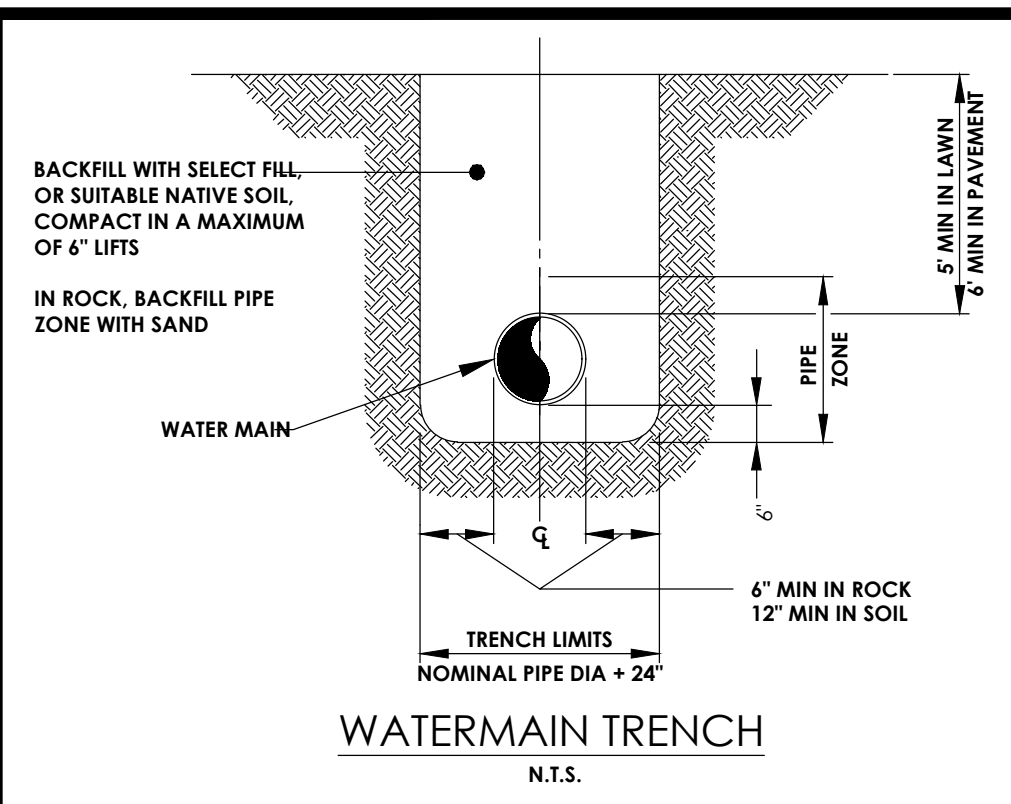
Town/City: HENRIETTA
County: MONROE State: NEW YORK

Project No. **20223310.0001**

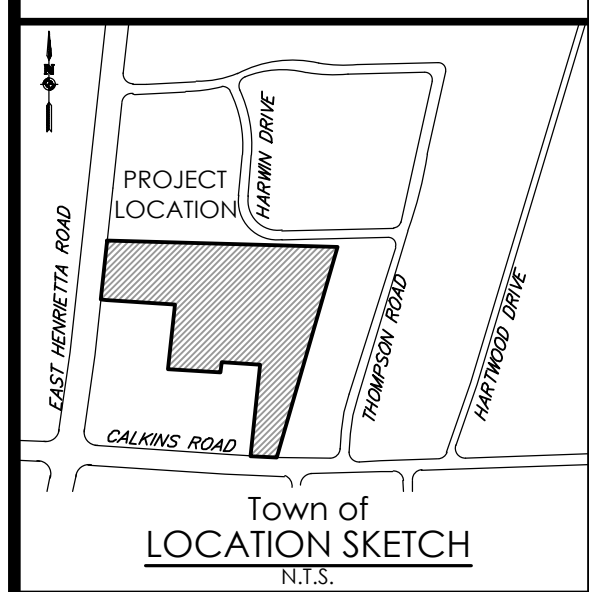
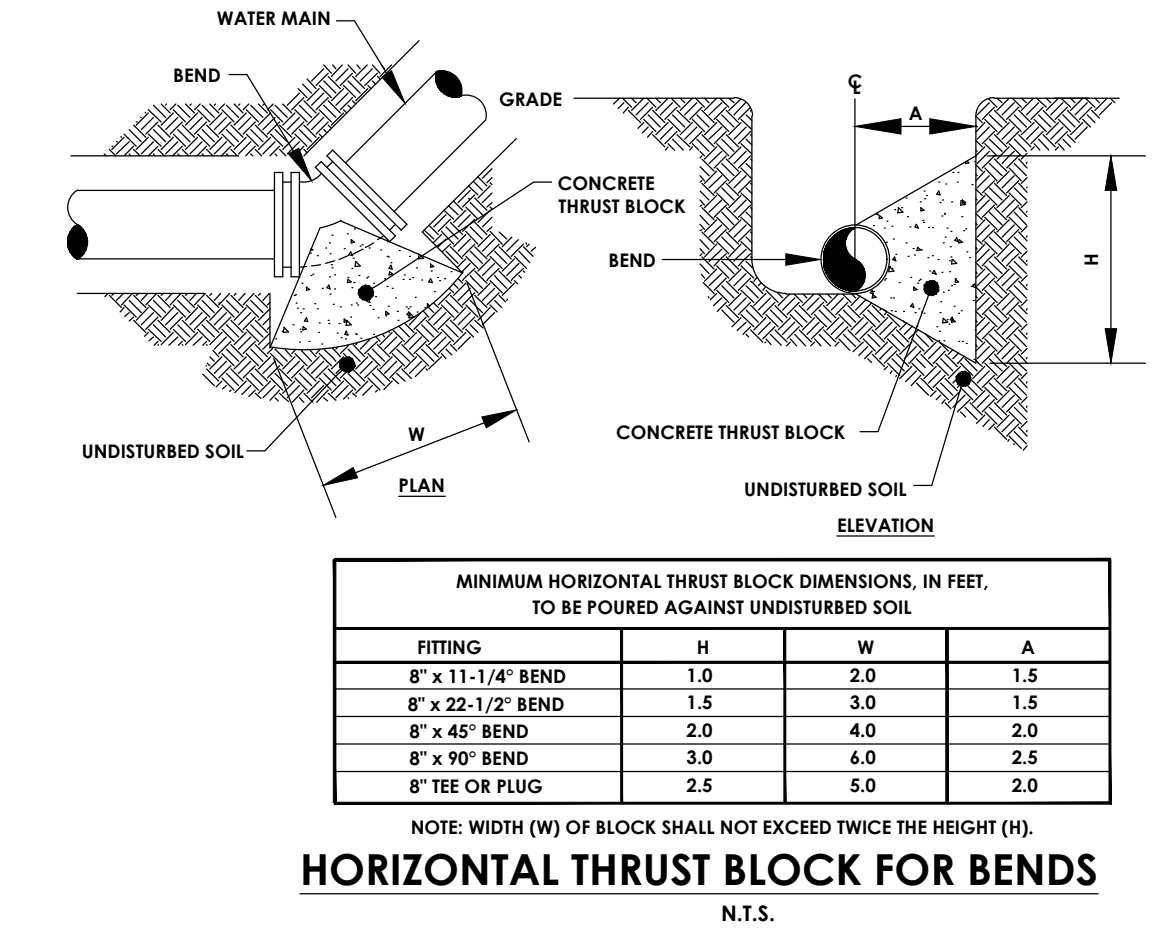
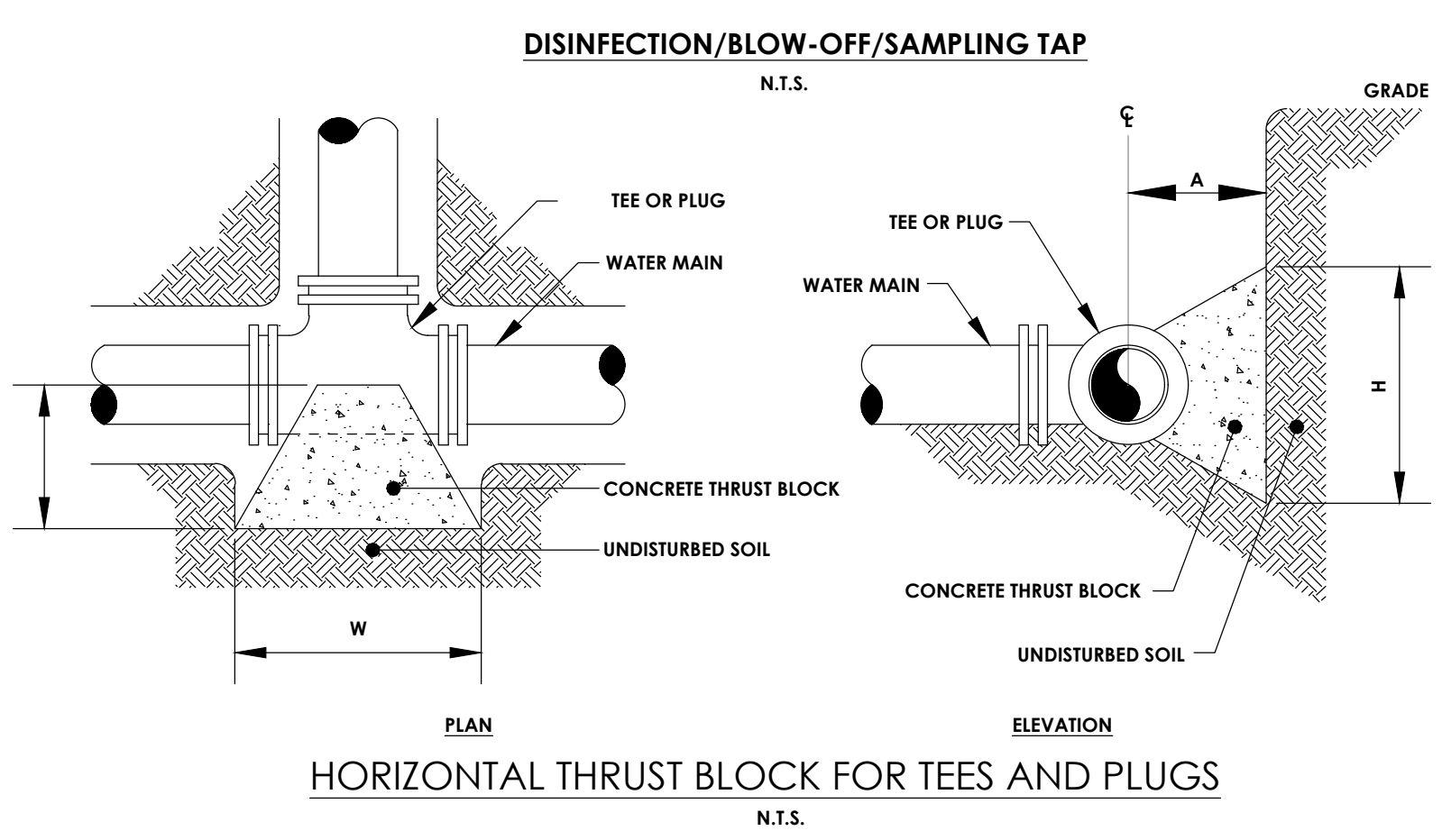
Drawing No. **C 206**

Date **OCTOBER 2022**

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BEND *	MINIMUM VOLUME OF CONCRETE DIMENSIONS	MINIMUM ALLOWABLE DIMENSIONS FOR VERTICAL THRUST BLOCKS (IN FEET)				
		A	B	C	D	E
8" x 11-1/4"	0.35 C.Y.	1.0	2.5	1.0	2.0	0.5
8" x 22-1/2"	0.70 C.Y.	1.5	2.5	1.5	2.0	1.0
8" x 45°	1.40 C.Y.	1.5	2.5	1.5	2.5	1.5



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DETAILS

SOUTHRIDGE LANDING
Town/City: HENRIETTA
County: MONROE State: NEW YORK
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