Burlington Development Review Board
Department of Permitting & Inspections
645 Pine Street
Burlington, VT 05401
www.burlingtonvt.gov/DPI/DRB
Telephone: (802) 865-7188
Fax (802) 863-0466

Development Review Board

Tuesday, April 21, 2026, 5:00 PM

645 Pine Street, Front Conference Room or Remote on Zoom:
Please click the link below to join the webinar:
Zoom: https://us02web.zoom.us/j/83225696227?pwd=SGQ0bTdnS000Wkc3c2J4WWw1dzMxUT09
Webinar ID: 832 2569 6227
Passcode: 969186
Telephone: US +1 929 205 6099 or +1 301 715 8592 or +1 312 626 6799 or +1 669 900 6833 or +1 253 215 8782 or +1 346 248 7799

1. Agenda

2. Communications

3. Minutes

4. Consent

4.1.
ZP-26-92; 133 King Street (RH, Ward 5) Champlain Housing Trust / Donal Dugan
Proposed amendment to ZP-25-553 for conversion of seven room SRO into two apartments, to convert seven room SRO into three apartments; retaining existing two apartments in the rear. (Project Manager, Mary O'Neil)

4.2.
ZP-26-36; 175 Institute Road (I, Ward 7) City School Department / Administrative Offices/EED / David Marshall
Proposed stormwater modifications consistent with objectives of an EPA-administered enhancement grant. (Project Manager, Scott Gustin)

5. Public Hearing

5.1.
ZAP-26-3; 25 Cherry Street (FD6, Ward 3) Burlington Harbor Hotel GP, LLC / Daniel Seff
Continued review of appeal of administrative denial of ZPS-26-4 of a sign package. (Project Manager, Mary O'Neil)

5.2.

ZP-26-100; 43 Front Street (RM, Ward 3) Emily Stone / Emily Stone Living Trust / Jamie Hart
Variance request for exemption to rear setback requirement for the construction of an addition. (Project Manager, Scott Gustin)

6. Certificate of Appropriateness

6.1.
ZP-25-616 / ZP-26-125 / ZP-26-126 / ZP-26-127 / ZP-26-128; 29 Intervale Road / 35 Intervale Road / 128 Intervale Road / 99 Intervale Road (E-LM, & E-APE, Wards 1 & 2) Charlebois Garage / Queen City Iron Metal CO, Inc. / Gardens Alive, Inc. / City CEDO / Julia Ursaki
Proposed construction of retaining wall, installation of swale and pipe to improve drainage, and relocation of soil storage bays to accommodate City's new-shared use path. (Project Manager, Mary O'Neil)

7. Adjournment

8. Informational and Non-Discrimination Statements

8.1.
Plans may be viewed upon request by contacting the Department of Permitting & Inspections between the hours of 8:00 a.m. and 4:30 p.m. Participation in the DRB proceeding is a prerequisite to the right to take any subsequent appeal. Please note that ANYTHING submitted to the Zoning office is considered public and cannot be kept confidential. This may not be the final order in which items will be heard. Please view final Agenda, at www.burlingtonvt.gov/dpi/drb/agendas or the office notice board, one week before the hearing for the order in which items will be heard.

The City of Burlington will not tolerate unlawful harassment or discrimination on the basis of political or religious affiliation, race, color, national origin, place of birth, ancestry, age, sex, sexual orientation, gender identity, marital status, veteran status, disability, HIV positive status, crime victim status or genetic information. The City is also committed to providing proper access to services, facilities, and employment opportunities. For accessibility information or alternative formats, please contact Human Resources Department at (802) 540-2505.

Department of Permitting and Inspections
Zoning Division
645 Pine Street
Burlington, VT 05401
https://www.burlingtonvt.gov/439/Zoning-Division
Telephone: 802.865-7188
802.865.7195 (Fax)

William Ward, Director
Scott Gustin, AICP, CFM, Principal Planner
Mary O'Neil, AICP, Principal Planner
Kirk Dressing, Associate Planner
Collin Naheedy, Zoning Compliance Officer
Joseph Cava, Planning Technician

MEMORANDUM

To: Development Review Board
From: Mary O'Neil, AICP, Principal Planner
Date: April 15, 2026
RE:133 King Street ZP-26-92

Note: These are staff comments only. Decisions on projects are made by the Development Review Board, which may approve, deny, table or modify any project. THE APPLICANT OR REPRESENTATIVE MUST ATTEND THE MEETING.

In an April 15, 2026 email to staff, the applicants for 133 King Street have requested an **indefinite deferral** in review of their application for an additional dwelling unit.

Per DRB Bylaws, project review may be extended for up to 6 months from the date the application appears on an agenda.

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MEMORANDUM

To: Development Review Board
From: Mary O'Neil, AICP, Principal Planner
Date: April 21, 2026
RE: ZP-26-92; 133 King Street

Note: These are staff comments only. Decisions on projects are made by the Development Review Board, which may approve, deny, table or modify any project. THE APPLICANT OR REPRESENTATIVE MUST ATTEND THE MEETING.

File: ZP-26-92
Location: 133 King Street
Zone: RH **Ward**: 5
Applicant/ Owner: Donal Dugan / Champlain Housing Trust
Request: Amend ZP-25-553 to change unit mix from seven room SRO to **three** apartments. Existing 2 units at rear will remain. (Increase unit count from four to five total.)

Background:

- **Zoning Permit ZP-25-553;** proposed split of existing seven-bedroom Single Room Occupancy (SRO) into two apartments with associated building and site improvements. Existing apartments in the rear will remain unchanged. Total four residential unit. December 2025.
- **Zoning Permit 19-0872CA;** rebuild side porch; footings, railing, columns, and flooring. Replacemetal roofing and metal snow belts at eave of roof. June 2019.
- **Zoning Permit 96-511 / COA 095-104A**; pave existing driveway of the 7 room SRO and two residential unit building. No change in coverage or use. May 1996.
- **Zoning Permit 95-534 / COA 095-104**: rehabilitation and restoration of the existing seven unit residential building, turning it into two units and a seven room SRO that is listed on the State and National lists of historic structures within the Battery – King Street Historic District. July 1995.

Overview: In December 2025 133 King Street received a permit to convert a 7 room SRO + 2-unit residential structure to four residential units. As the Neighborhood Code allows up to four residential units in a primary structure, the review was administrative. That permit included building rehabilitation. Now the applicant requests to amend that application to add another residential unit from the conversion of the 7 room SRO, for a total of **five** units on-site. [Burlington Housing Authority would not grant a voucher for a 3-bedroom apartment that was planned, altering the finance structure for the remodel.] Instead, the conversion will include a studio unit, a one bedroom and a two-bedroom unit. The existing 2 units in the rear will remain.
The Historic Building Rehabilitation Bonus (Section 5.4.8 (e)) will allow consideration of the requested new unit subject to conditions that the structure is listed on the state or National Register,

and rehabilitation is proposed. All are accurate. DRB discretionary review under 5.4.8 (e) is an avenue to allow an additional residential unit.

Recommended motion: Consent approval, per the following Findings and Conditions:

I. Findings

Article 5: Citywide General Regulations
Section 5.4.8 Historic Buildings and Sites
The City seeks to preserve, maintain, and enhance those aspects of the city having historical, architectural, archaeological, and cultural merit. Specifically, these regulations seek to achieve the following goals:

To preserve, maintain and enhance Burlington's historic character, scale, architectural integrity, and cultural resources;

To foster the preservation of Burlington's historic and cultural resources as part of an attractive, vibrant, and livable community in which to live, work and visit;

To promote a sense of community based on understanding the city's historic growth and development, and maintaining the city's sense of place by protecting its historic and cultural resources; and,

To promote the adaptive re-use of historic buildings and sites.

(a) Applicability:

These regulations shall apply to all buildings and sites in the city that are listed, or eligible for listing, on the State or National Register of Historic Places.

(b)Standards and Guidelines:

The following development standards, following the Secretary of the Interior's Standards for the Treatment of Historic Properties, shall be used in the review of all applications involving historic buildings and sites subject to the provisions of this section and the requirements for Design Review in Art 3, Part 4. The Secretary of the Interior's Standards are basic principles created to help preserve the distinctive character of a historic building and its site. They are a series of concepts about maintaining, repairing and replacing historic features, as well as designing new additions or making alterations. These Standards are intended to be applied in a reasonable manner, taking into consideration economic and technical feasibility.

1. *A property will be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces, and spatial relationships.*

   133 King Street was constructed c. 1840 as a residence; a use that continues today.

2. *The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces, and spatial relationships that characterize a property will be avoided.*

   The rehabilitation will be largely on the interior to create three new apartments (rather than two new, as approved in December 2025.) Work on the exterior will include removal of a lift and reconstruction of a side porch; window replacement to meet egress requirements, landscaping maintenance and addition of two gates.

3. *Each property will be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.*

   No conjectural features are proposed.

4. *Changes to a property that have acquired historic significance in their own right will be retained and preserved.*

   None identified.

5. *Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved.*

   Porch rehabilitation will utilize natural wood, and be informed by a 1995 rehabilitation proposed by Duncan Wisniewski and approved under ZP-96-511.

   The replacement window will match the visual characteristics of the original 2/2 window while meeting life safety code.

6. *Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture, and, where possible, materials recognizing that new technologies may provide an appropriate alternative in order to adapt to ever changing conditions and provide for an efficient contemporary use. Replacement of missing features will be substantiated by documentary and physical evidence.*

   As noted, porch replacement members will be constructed of natural wood.

7. *Chemical or physical treatments, if appropriate, will be undertaken using the gentlest means possible. Treatments that cause damage to historic materials will not be used.*

   Not applicable.

8. *Archeological resources will be protected and preserved in place. If such resources must be disturbed, mitigation measures will be undertaken.*

   No ground disturbance is proposed. Not applicable.

9. *New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale, and proportion, and massing to protect the integrity of the property and its environment.*

   Reference is made to the attached plans for further definition.

10. *New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.*

    The proposed exterior alterations approved under ZP-25-553 reflect exercise of this standard. As the lift is decommissioned, the original porch design and materials will be restored. **Affirmative finding.**

(e) Historic Building Rehabilitation Bonus:

In order to facilitate the rehabilitation and reuse of historic buildings in Residential and Institutional districts, development in excess of the limits set forth in Tables 4.4.4-1, 4.4.5-1 and 4.4.5-2 may be permitted by the DRB subject to all of the following conditions:

i. The principal building shall be listed or eligible for listing in the United States Department of the Interior's National Register of Historic Places or the Vermont State Register of Historic Places;

133 King Street is on the State of Vermont List of Historic Resources, and listed on the National Register of Historic Places within the Battery Street / King Street Historic District.
Affirmative finding.

ii. The density limits of the underlying zoning district in Sec. 4.4.4(b) and 4.4.5(b) shall not apply. The extent of development shall instead be limited to an expansion up to a total of 125% of pre-application gross floor area of the qualifying principal building in (i) above;

No expansion of the floor area is proposed. The request is to add one new residential unit, which in itself would exceed the allowance of Table 4.4.5-2. With this Rehabilitation Bonus, density limits of the zoning district do not apply.
Affirmative finding with DRB concurrence.

iii. The rehabilitation conforms to the requirements of Sec.5.4.8 (b) above;

See Section 5.4.8 (b), above.

iv. Neighborhood commercial uses may be permitted by the DRB subject to the applicable requirements of Sec. 4.4.5(d)(3);

Not applicable.

and,

v. Lot coverage shall not exceed the figure established in Table 5.4.8-1:

Table 5.4.8-1 Historic Building Rehabilitation Bonus

District	**Maximum Coverage[1]**
RL, RL-W, I	Expansion up to the greater of 62% lot coverage or a total of 125% of pre-application principal building coverage.
RM, RM-W	Expansion up to the greater of 72% lot coverage or a total of 125% of pre-application principal building coverage.
RH	Expansion up to the greater of 92% lot coverage or a total of 125% of pre-application principal building coverage.
1. The maximum lot coverages identified in this table are applied in Table 4.4.5-8 – Maximum Density, Lot Coverage and Building Heights with Bonuses	

No change to lot coverage is proposed. Not applicable.

NOTE: These are staff comments only. The Development Review Board, who may approve, table, modify, or deny projects, makes decisions.


RESERVED
PARKING

Remove overgrown bushes, box elders, vines on electrical service

West Entry Porch

Convert DH to matching Casement 2/2 lite cut

TATE OF VERMONT
ivision for Historic Preservation
Montpelier, VT 05602

HISTORIC SITES & STRUCTURES SURVEY
Individual Structure Survey Form

SURVEY NUMBER: 133 King St.
NEGATIVE FILE NUMBER: 77-A-64
UTM REFERENCES: Zone/Easting/Northing
U.S.G.S. QUAD. MAP:
PRESENT FORMAL NAME:
ORIGINAL FORMAL NAME:
PRESENT USE: residence & apartments
ORIGINAL USE: residence
ARCHITECT/ENGINEER:
BUILDER/CONTRACTOR:
PHYSICAL CONDITION OF STRUCTURE:
Excellent ☐ Good ■
Fair ☐ Poor ☐
THEME:
STYLE: Greek Revival
DATE BUILT: ca. 1840

COUNTY: Chittenden
TOWN: Burlington
LOCATION: 133 King St.
COMMON NAME:
FUNCTIONAL TYPE: dwelling
OWNER: Vernon & Aurora Shea
ADDRESS: 133 King St., Burlington
ACCESSIBILITY TO PUBLIC:
Yes ☐ No ■ Restricted ☐
LEVEL OF SIGNIFICANCE:
Local ■ State ■ National ☐

GENERAL DESCRIPTION:
Structural System
1. Foundation: Stone ■ Brick ☐ Concrete ☐ Concrete Block ☐
2. Wall Structure
   a. Wood Frame: Post & Beam ■ Balloon ☐
   b. Load Bearing Masonry: Brick ☐ Stone ☐ Concrete ☐ Concrete Block ☐
   c. Iron ☐ d. Steel ☐ e. Other:
3. Wall Covering: Clapboard ☐ Board & Batten ☐ Wood Shingle ☐ Shiplap ☐ Novelty ☐ Stucco ☐ Sheet Metal ☐ Aluminum ☐ Asphalt Shingle ☐ Brick Veneer ■ Stone Veneer ☐
   Bonding Pattern: Other:
4. Roof Structure
   a. Truss: Wood ☐ Iron ☐ Steel ☐ Concrete ☐
   b. Other: rafter
5. Roof Covering: Slate ■ Wood Shingle ☐ Asphalt Shingle ☐ Sheet Metal ☐ Built Up ☐ Rolled ☐ Tile ☐ Other:
6. Engineering Structure:
7. Other:

Appendages: Porches ■ Towers ☐ Cupolas ☐ Dormers ☐ Chimneys ■ Sheds ☐ Ells ☐ Wings ■ Other:
Roof Style: Gable ■ Hip ☐ Shed ☐ Flat ☐ Mansard ☐ Gambrel ☐ Jerkinhead ☐ Saw Tooth ☐ With Monitor ☐ With Bellcast ☐ With Parapet ☐ With False Front ☐ Other:
Number of Stories: 2 1/2
Number of Bays: 3 x 3
Approximate Dimensions:
Entrance Location: center of long side

THREAT TO STRUCTURE:
No Threat ☐ Zoning ☐ Roads ☐
Development ☐ Deterioration ☐
Alteration ☐ Other:

LOCAL ATTITUDES:
Positive ☐ Negative ☐
Mixed Other:

ADDITIONAL ARCHITECTURAL OR STRUCTURAL DESCRIPTION:

Massing - rectangular block with gable end facing street. Brick ell attached to rear gable end.
Fenestration - 2 over 2 sashes, some 6 over 6 in wing quadrant windows front gable. This facade has some splayed flat arches and some squared wood lintels.
Door - large opening with a molded surround, double doors with round arched lights.
Enrichments - porch (now screened) on squared posts.
Interior - Greek Revival newell post and moldings.

RELATED STRUCTURES: (Describe)

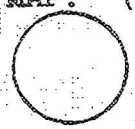
STATEMENT OF SIGNIFICANCE:

Built ca. 1840, this house retains elements of Federal, Greek Revival and Italianate styles. The property was first owned by Robert Moody and, in 1841, was transferred from the estate of Aveline A. Moody to Prosper Blackman. The next year (1842) Blackman sold to Seymour Potter. By 1850 Potter transferred the title to Betsy Blackman who by 1868 was residing in Brooklyn when she transferred the title to Mary Powers. The 1869 Atlas lists A. W. Powers, a piano dealer. He apparently conducted his business and maintained a residence here. Powers died in 1892.

Mrs. Minnie Powers Burnitt, his daughter, lived here until the 1940's. An apartment was divided from the main house ca. 1916.

REFERENCES:

MAP: (Indicate North In Circle)

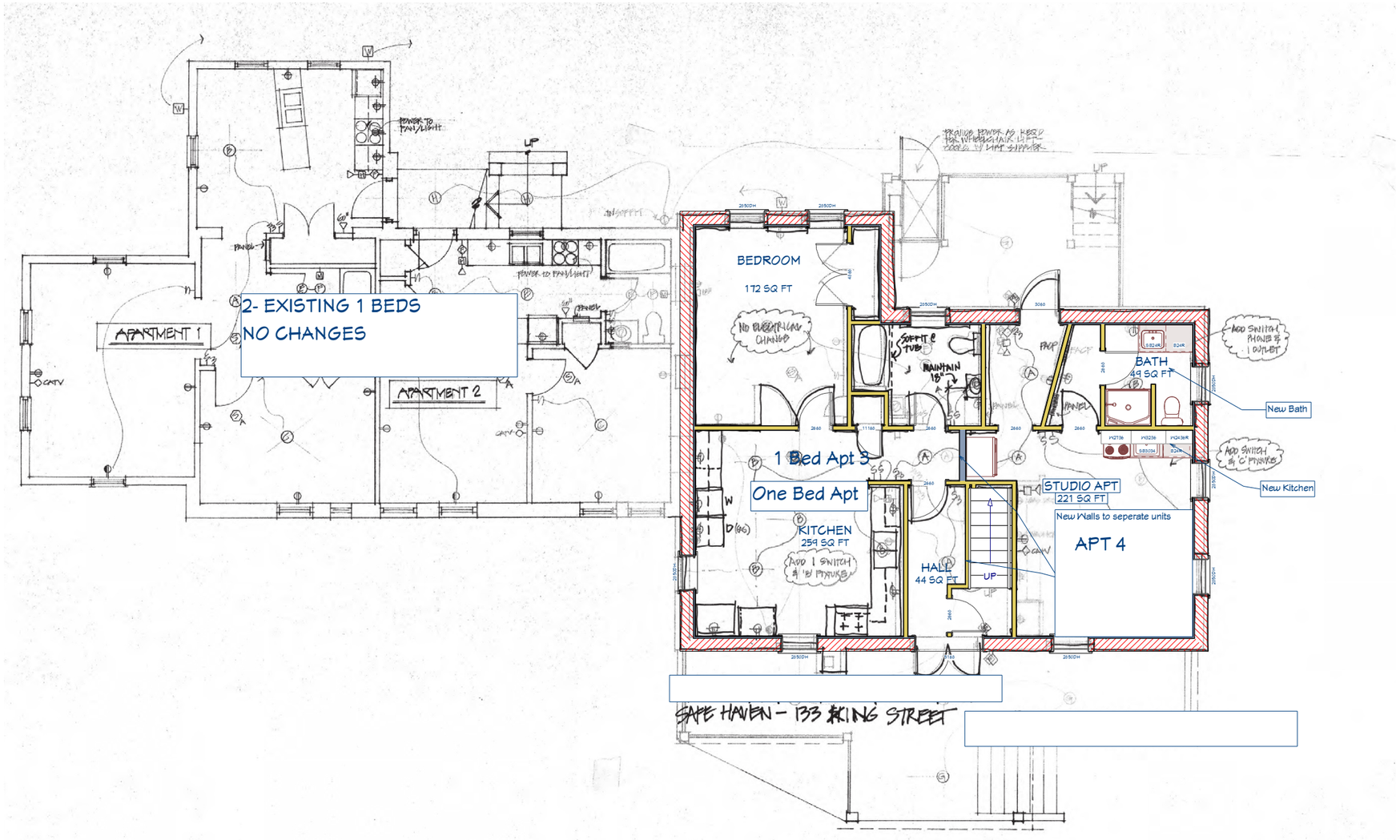


SURROUNDING ENVIRONMENT:
Open Land ☐ Woodland ☐
Scattered Buildings ☐
Moderately Built Up ☐
Densely Built Up ■
Residential ■ Commercial ■
Agricultural ☐ Industrial ■
Roadside Strip Development ☐
Other:

RECORDED BY: Adele Cramer

ORGANIZATION: VT Division for Historic Preservation

DATE RECORDED: 7/11/77



1st Floor

REVISION TABLE			
NUMBER	DATE	REVISED BY	DESCRIPTION

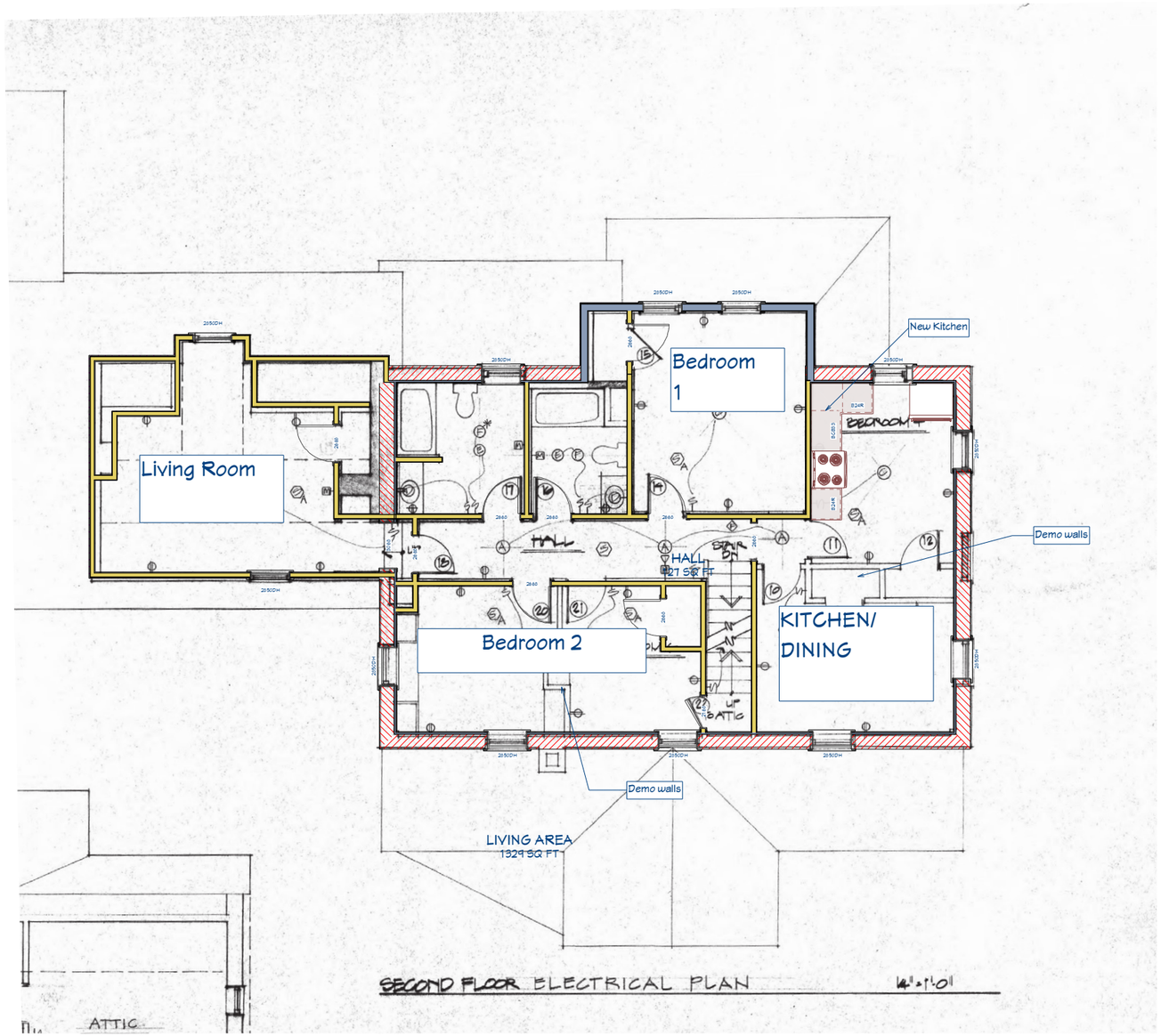
133 King St
Convert SRO to 2 Apts
First Floor 0B 1B

Champlain Housing Trust

DATE:
3/9/2026

SCALE:
1/4"=1'-0"

SHEET:
P-1



1st Floor

REVISION TABLE

NUMBER	DATE	REVISED BY	DESCRIPTION

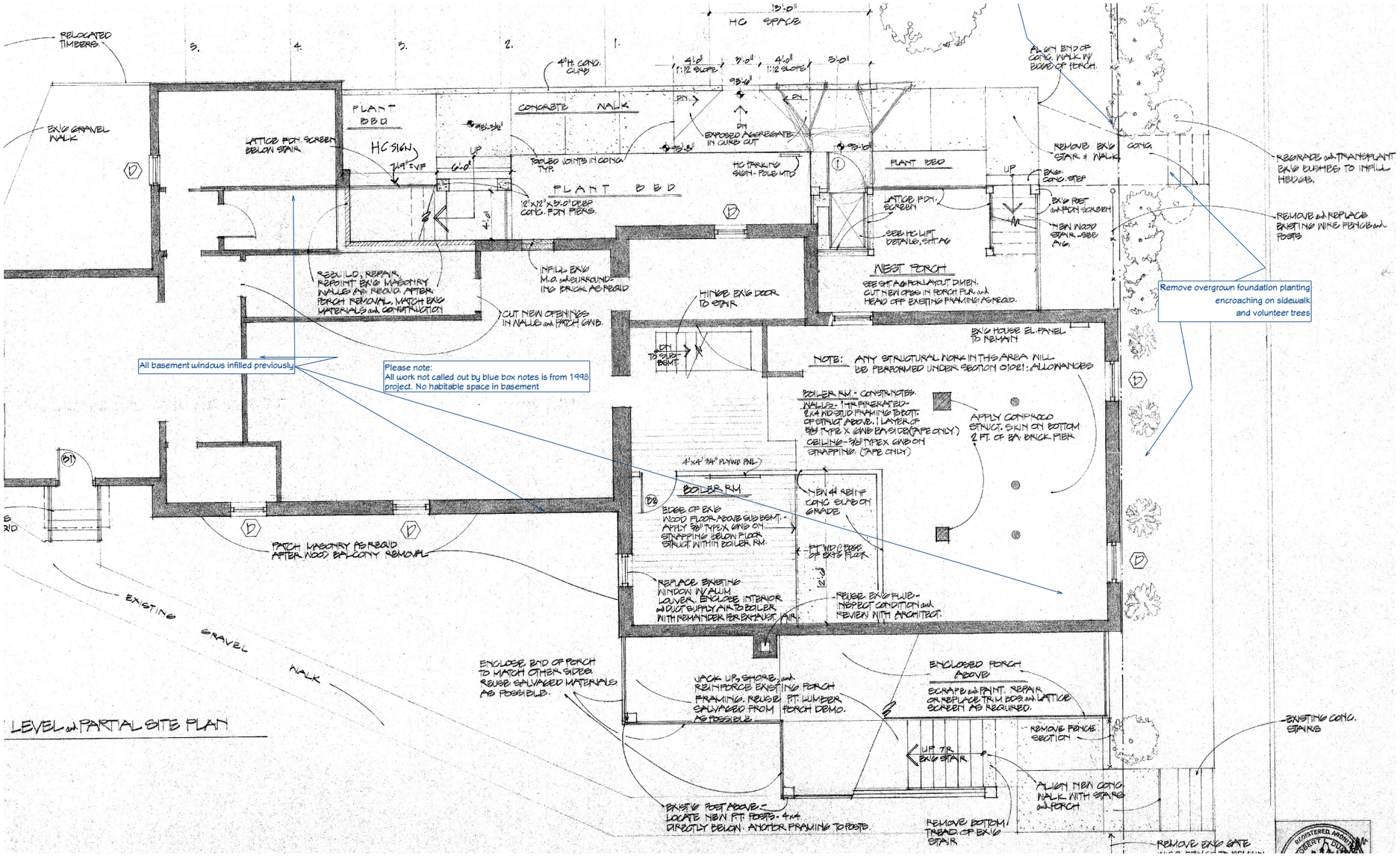
Second Floor
2 Bed from SRO

Champlain Housing Trust

DATE:
3/9/2026

SCALE:
1/4"=1'-0"

SHEET:



LEVEL on PARTIAL SITE PLAN

1st Floor

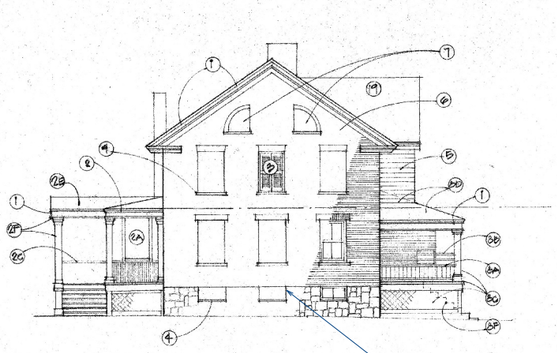
REVISION TABLE			
NUMBER	DATE	REVISED BY	DESCRIPTION

Champlain Housing Trust

DATE: 3/9/2026

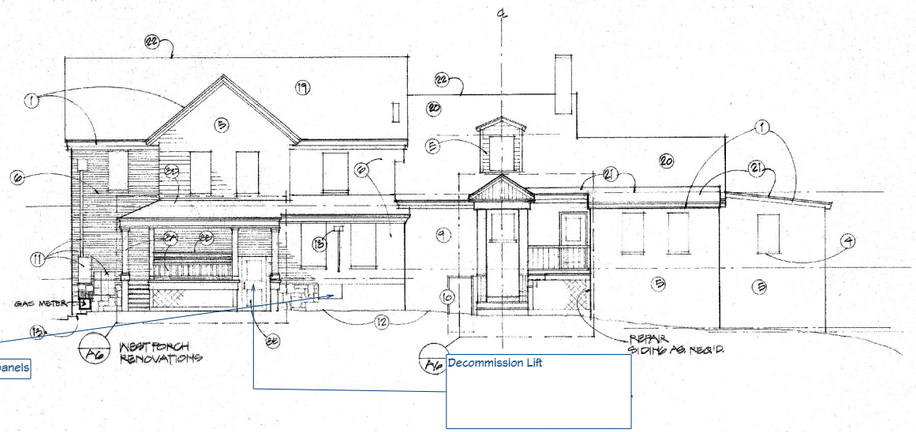
SCALE: 1/4"=1'-0"

SHEET:



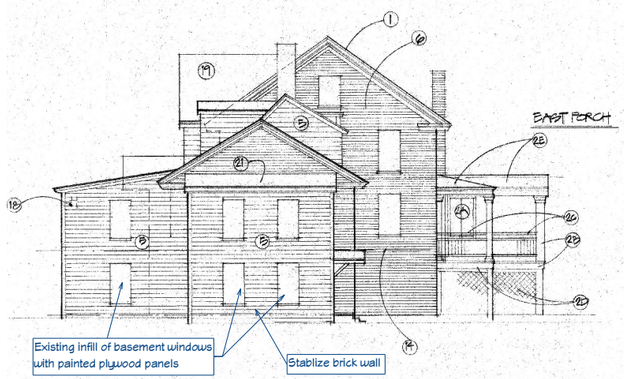
All Basement windows infilled with painted plywood panels

NORTH ELEVATION
1/8"=1'-0"

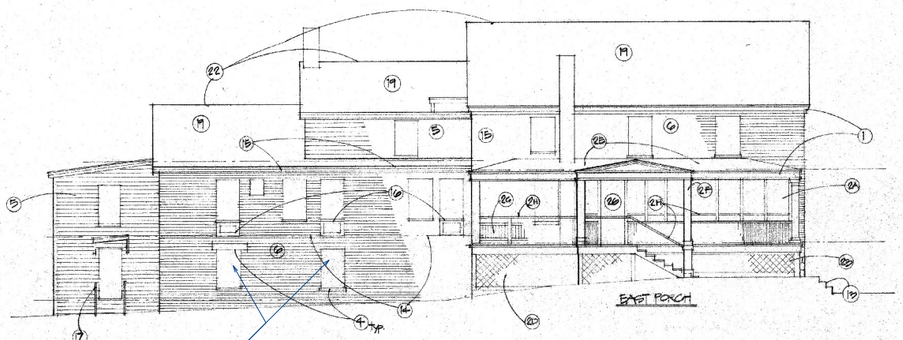


WEST ELEVATION
1/8"=1'-0"

Please note:
All work not called out by blue box notes is from 1998 project NOT current project



SOUTH ELEVATION
1/8"=1'-0"



EAST ELEVATION
1/8"=1'-0"

REVISION TABLE			
NUMBER	DATE	REVISED BY	DESCRIPTION

Second Floor
2 Bed from SRO

Champlain Housing Trust

DATE:
3/9/2026

SCALE:
1/4"=1'-0"

SHEET:

Internet # 206967715 Model # 253944 Store SKU # 1001754831

Hover Image to Zoom

Top Rated

WeatherShield

5/4 in. x 6 in. x 8 ft. Ground Contact Pressure-Treated Premium Southern Yellow Pine Decking Board

(2556) Questions & Answers (168)

BULK PRICE ELIGIBLE $9.38

Buy 96 or more $8.44

- 2X the protection compared to Above Ground treatment
- Treated for protection against fungal decay, rot and termites
- Ideal for decks, walkways, landscaping and other outdoor projects
- View More Details

Williston Store

284 in stock Aisle 21, Bay 002

Nominal Product Length (in.): **72.0 in**

72.0 in | **96.0 in** | 120.0 in | 144.0 in | 192.0 in

Pickup at Williston | Delivering to 05495

Pickup
Today
284 in stock
FREE

Delivery
Today
284 available

Check Nearby Stores | Delivery Details

Get it delivered as soon as today. Schedule your delivery in checkout.

1 | Add to Cart

PayPal

Pay in 4 interest-free payments on purchases of $30-$1,500 with PayPal. Learn more

Feedback

Customizing a deck?

Use our decking calculator to replace deck boards or build a new deck

Customize Your Deck

2-3/8 in. Decking Screws (1750-Count) and 5/4 in. x 6 in. x 8 ft. Pressure-Treated Decking Board Combo

Total price for 2 items

$123.38 /bundle

View Bundle

Ask about this product

Get an answer now with AI

Type a question

Get an Answer

AI-generated from the text of manufacturer documentation. To verify or get additional information, please contact The Home Depot customer service.

Product Details

About This Product

Pressure-Treated Pine meets the highest grading standards for strength and appearance. This double treated Ground Contact lumber must be used for applications where treated lumber is difficult to maintain, repair or replace. Treated lumber is critical to the performance and safety of an entire system or construction such as deck joists, beams and ledger boards. An additional benefit of treated lumber is its defense against rot and insect infestation for its vast majority of applications. Southern yellow pine is responsibly manufactured, safe and environmentally friendly when used as directed.Treated wood is typically still wet when it's delivered to The Home Depot or job site. As it dries, you should expect slight changes in width and length. As lumber dries, it may split, cup and warp. This is more likely to occur to occur in lower-grade boards, where knots and uneven grains are already present. Each piece of lumber is unique and carries physical characteristics that may include the following: knots, warping, shrinkage, swelling and/or splitting. Nominal Dimensions: 5/4 in. x 6 in. x 8 ft. (Actual Dimensions: 1 in. x 5.5 in. x 8 ft.)

Highlights

- Made of pine
- Ground contact treated lumber can be used in both above ground and ground contact exterior applications
- Backed by a lifetime limited warranty against termite infestation and rot
- Nominal Dimensions: 5/4 in. x 6 in. x 8 ft. (Actual Dimensions: 1 in. x 5.5 in. x 8 ft.)
- Must use ground contact pressure treated lumber where lumber is at risk for poor air circulation, less than 6 in. from the ground or has poor or no water drainage below the structure
- Ground contact treated lumber should be used in tropical climates or applications likely to have prolonged contact with vegetation or leaf litter
- Ideal for a variety of general uses including exposed structures, sill plates, decks, docks, ramps and other outdoor applications
- Uniform thickness, density and appearance for stable and long lasting performance
- Hot-dip galvanized fasteners are recommended
- Individual pieces of pressure treated lumber will reference ground contact on the end tag
- WeatherShield includes water repellant in the treatment process
- No two pieces of lumber are the same.
- Color, grain pattern and texture will vary as well.
- Premium grade lumber should be used when small knots are the desired appearance for your lumber project
- Premium grade is a high-quality lumber that has smaller and fewer knots.
- Find everything you need to complete your decking project here
- Note: product may vary by store

Additional Resources

Shop All WeatherShield

From the Manufacturer

- Warranty
- Product Brochure
- Use and Care Manual
- Instructions / Assembly
- FAQ
- Return Policy

Feedback

- [Return Policy]
- California residents [see Prop 65 WARNINGS]

Product Information

Internet # 206967715
Model # 253944
Store SKU # 1001754831

Specifications

Dimensions

Actual Product Length (ft.)	8 ft
Actual Product Thickness (in.)	1
Actual Product Width (in.)	5.5
Approximate Weight (lb)	18
Nominal Product Length (ft.)	8 ft
Nominal Product Length (in.)	96.0 in
Nominal Product Thickness (in.)	5/4
Nominal Product Width (in.)	6 in

Details

Contact Type Allowed	Ground Contact
Features	Paintable, Pressure Treated, Stainable

Warranty / Certifications

Manufacturer Warranty	Limited lifetime

How can we improve our product information? Provide feedback.

Questions & Answers

168 Questions

Customer Reviews

4.1 out of 5 ★★★★☆ (2,556)

Feedback

Related Items In Stock at Store Today

WeatherShield 5/4 in. x 6 in. x 12 ft. Ground Contact Pressure-…

(2551)

BULK PRICE ELIGIBLE $14.18

Buy **96** or more **$12.76**

Add to Cart

WeatherShield 5/4 in. x 6 in. x 16 ft. Ground Contact Pressure-…

(2551)

BULK PRICE ELIGIBLE $18.88

Buy **96** or more **$16.99**

Add to Cart

WeatherShield 1 in. x 6 in. x 8 ft. Ground Contact Pressure-Treat…

(796)

BULK PRICE ELIGIBLE $6.68

Buy **40** or more **$6.01**

Add to Cart

WeatherShield 5/4 in. x 6 in. x 10 ft. Ground Contact Pressure-…

(2551)

BULK PRICE ELIGIBLE $11.78

Buy **96** or more **$10.60**

Add to Cart

WeatherShield 5/4 in. x 6 in. x 4 ft. Premium Ground Contact…

(215)

BULK PRICE ELIGIBLE $4.68

Buy **96** or more **$4.21**

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Weathe Ground

Buy **64**

More from WeatherShield

All Items | Wood Decking Boards | Pressure Treated Lumber

Top Rated

WeatherShield 5/4 in. x 6 in. x 16 ft. Ground Contact Pressure-…

(2551)

BULK PRICE ELIGIBLE $18.88

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(626)

BULK PRICE ELIGIBLE $8.38

Buy **64** or more **$7.54**

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WeatherShield 1 in. x 6 in. x 8 ft. Ground Contact Pressure-Treat…

(796)

BULK PRICE ELIGIBLE $6.68

Buy **40** or more **$6.01**

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WeatherShield 1 in. x 4 in. x 8 ft. Ground Contact Pressure-Treat…

(942)

BULK PRICE ELIGIBLE $4.48

Buy **40** or more **$4.03**

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WeatherShield 2 in. x 4 in. x 8 ft. 1 Ground Contact Pressure-Treat…

(323)

BULK PRICE ELIGIBLE $5.98

Buy **100** or more **$5.38**

Add to Cart

Top Ra

Weathe ft. Pren

Buy **96**

You Might Also Need

Best Seller

Top Rated

Top Rated

Top Rated

4 in. x 4 in. x 8 ft. #2 Ground Contact Southern Yellow Pine…

(3856)

WeatherShield 5/4 in. x 6 in. x 12 ft. Ground Contact Pressure-…

(2551)

WeatherShield 5/4 in. x 6 in. x 8 ft. Ground Contact Pressure-…

(2551)

WeatherShield 5/4 in. x 6 in. x 10 ft. Ground Contact Pressure-…

(2551)

WeatherShield 5/4 in. x 6 in. x 16 ft. Ground Contact Pressure-…

(2551)

Weathe
Ground

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CAMO 2-3/8 in. Exterior Decking Screw - Edge Hidden Deck…

(409)

$114.00

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$73.47 /package

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Every piece meets the highest grading standards for strength and appearance. Thi…

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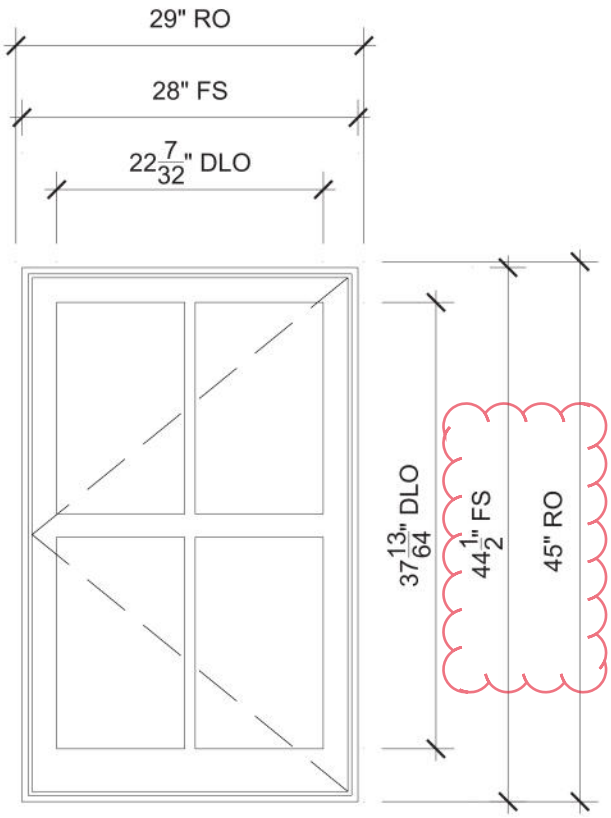


EGRESS CASEMENT -

SCALE: 3/4" = 1'-0"

1/2 Head
2/2 Jamb
3/2 Sill
4/2 Divided Lite
1/3 Simulated Rail

SPECIFICATIONS

Line #: 1
Qty: 1
Mark Unit: Egress Casement -
Product Line: Ultimate
Unit Description: Casement
Rough Opening: 29" X 45"
Frame Size: 28" X 44 1/2"

Comments:

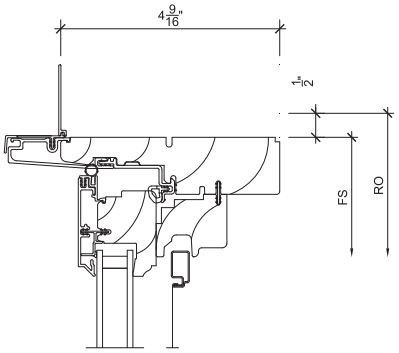
- I had to increase the height to allow us to get to the 5.7 sq. ft egress code.
- Confirm window handing / operation.
- Exact Sizing + Specification To Be Confirmed !!
- Figured as a full frame window, not an insert.

133 King St

MARVIN

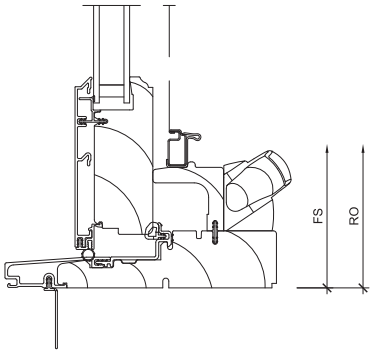
PROJ/JOB: Champlain Housing Trust / ~~47 Archibald Street~~ - Egress Casement
DIST/DEALER: WINDOWS & DOORS BY BROWNELL-GO
DRAWN: MARC BOURDEAU
QUOTE#: 56GQJZU PK VER: 0004.03.00 CREATED: 06/30/2023 REVISION:

SHEET 1 OF 3



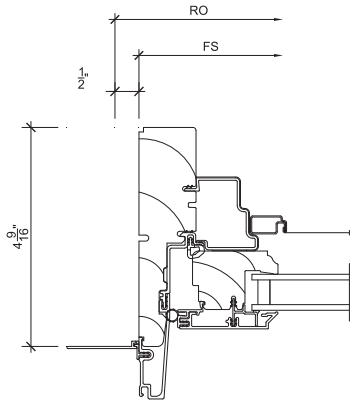
1/2 Head

SCALE: 3" = 1'-0"



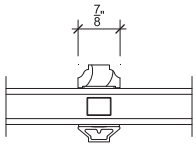
3/2 Sill

SCALE: 3" = 1'-0"



2/2 Jamb

SCALE: 3" = 1'-0"



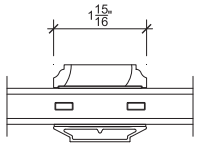
4/2 Divided Lite

SCALE: 3" = 1'-0"

MARVIN

PROJ/JOB: Champlain Housing Trust / 47 Archibald Street - Egress Casement
DIST/DEALER: WINDOWS & DOORS BY BROWNELL-GO
DRAWN: MARC BOURDEAU
QUOTE#: 56GQJZU PK VER: 0004.03.00 CREATED: 06/30/2023 REVISION:

SHEET 2 OF 3



1/3 Simulated Rail

SCALE: 3" = 1'-0"

3/3 NOT USED

SCALE: 3" = 1'-0"

2/3 NOT USED

SCALE: 3" = 1'-0"

4/3 NOT USED

SCALE: 3" = 1'-0"

MARVIN

PROJ/JOB: Champlain Housing Trust / 47 Archibald Street - Egress Casement
DIST/DEALER: WINDOWS & DOORS BY BROWNELL-GO
DRAWN: MARC BOURDEAU
QUOTE#: 56GQJZU PK VER: 0004.03.00 CREATED: 06/30/2023 REVISION:

SHEET 3 OF 3

Marvin Order Management Project Egress Summary Report

Date / Time:	**6/30/2023 17:41**	**Job/Project Name:**	**Champlain Housing Trust / 47 Archibald Street - Egress Casement**	**Sales Rep:**	**MARC BOURDEAU**
PK Version:	**0004.03.00**	**Quote/Order Number:**	**56GQJZU**	**Organization Name:**	**WINDOWS & DOORS BY BROWNELL-GO**

Line	Mark Unit	Unit ID	Product Line	Product	Width	Height	Net Clear Opening (sq ft)
1	Egress Casement -	A1	Ultimate	Casement	20 57/64"	39 25/64"	5.71 SqFt

Glossary

International Building Code - 2021

1031.2.1 Operational constraints and opening control devices. Emergency escape and rescue openings shall be operational from inside the room without the use of keys or tools. Window-opening control devices complying with F2090-17 shall be permitted for use on windows serving as a required emergency escape and rescue opening.

1031.3.1 Minimum size. Emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.53 m2). Exception: The minimum net clear opening for grade floor emergency escape and rescue openings shall be 5 square feet (0.46 m2).

1031.3.2 Minimum dimensions. The minimum net clear opening height dimension shall be 24 inches (610 mm). The minimum net clear opening width dimension shall be 20 inches (508 mm). The net clear opening dimensions shall be the result of normal operation of the opening.

1031.3.3 Maximum height from floor. Emergency escape and rescue openings shall have the bottom of the clear opening not greater than 44 inches (1118 mm) measured from the floor.

Code restrictions may vary depending on your local building code.

Internet # 202100761 Model # 704980 Store SKU # 704980

Hover Image to Zoom

1 in. x 10 in. x 8 ft. Select Pine Board

(36) Questions & Answers (7)

$38.35

- Designed with durability and style in mind with no holes or knots
- Can be primed then painted/sealed then stained
- Meets the highest grading standards for strength and appearance.
- View More Details

Williston Store

✓ 47 in stock Aisle 49, Bay 013

Coverage Area (sq. ft.): **6.16 sq ft**

1 sq ft | 3 sq ft | 4 sq ft | 5 sq ft | 6 sq ft | 8 sq ft | 4.6 sq ft | 1.25 sq ft | 1.66 sq ft | 2.66 sq ft | 2.75 sq ft | 3.33 sq ft | 3.66 sq ft | 5.33 sq ft | **6.16 sq ft** | 44259 sq ft

Nominal Width (in) * Length (ft): **10 in. X 8 ft.**

2 in. X 6 ft. | 2 in. X 8 ft. | 3 in. X 6 ft. | 3 in. X 8 ft. | 4 in. X 8 ft. | 5 in. X 8 ft. | 6 in. X 6 ft. | 6 in. X 8 ft. | 8 in. X 6 ft. | 8 in. X 8 ft. | 10 in. X 6 ft. | **10 in. X 8 ft.** | 12 in. X 6 ft. | 12 in. X 8 ft. | 4 in. X 10 ft. | 6 in. X 10 ft. | 8 in. X 10 ft.

Pickup at Williston

Pickup
Today
47 in stock
FREE

Delivering to 05495

Delivery
Today
47 available

Check Nearby Stores

Delivery Details

Get it delivered as soon as today. Schedule your delivery in checkout.

How much will you need?

Please note: calculations are estimates only

Calculate by:

- (•) Length x Width
- ( ) Square Footage

Area

Length: ft.

Width: ft.

+ Add Area

Calculate

1

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Specifications

Questions & Answers
7 Questions

Customer Reviews
4.1 out of 5 ★★★★☆ (36)

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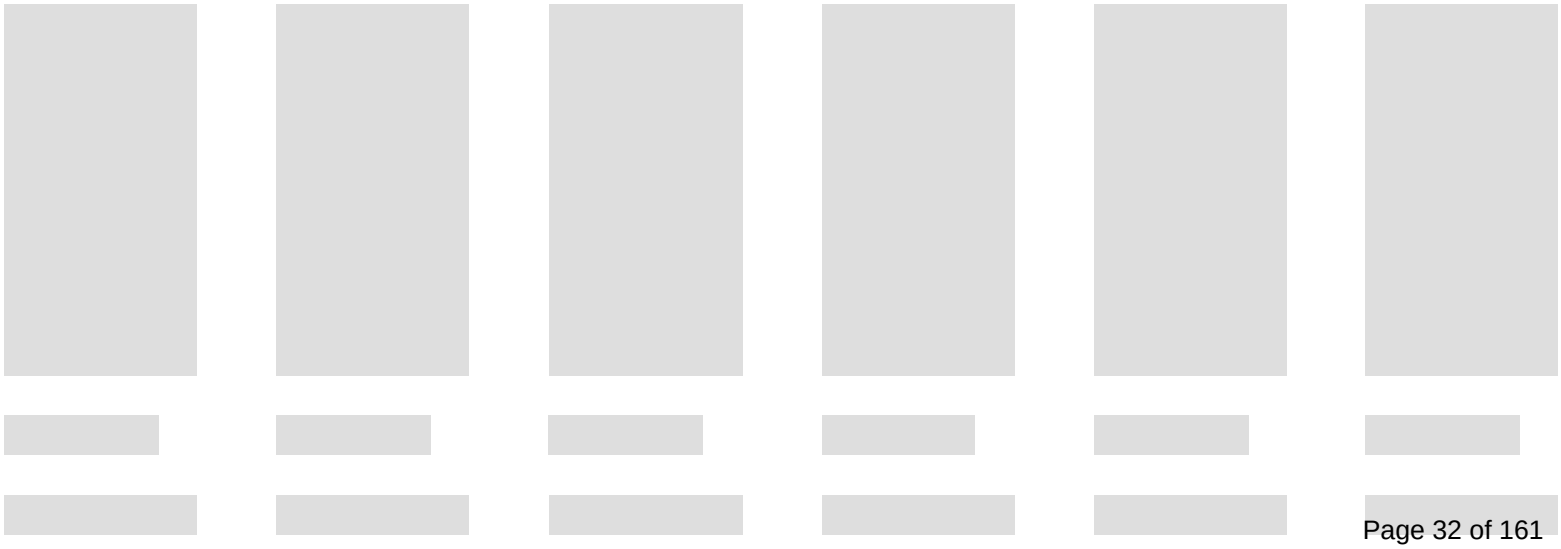

Feedback

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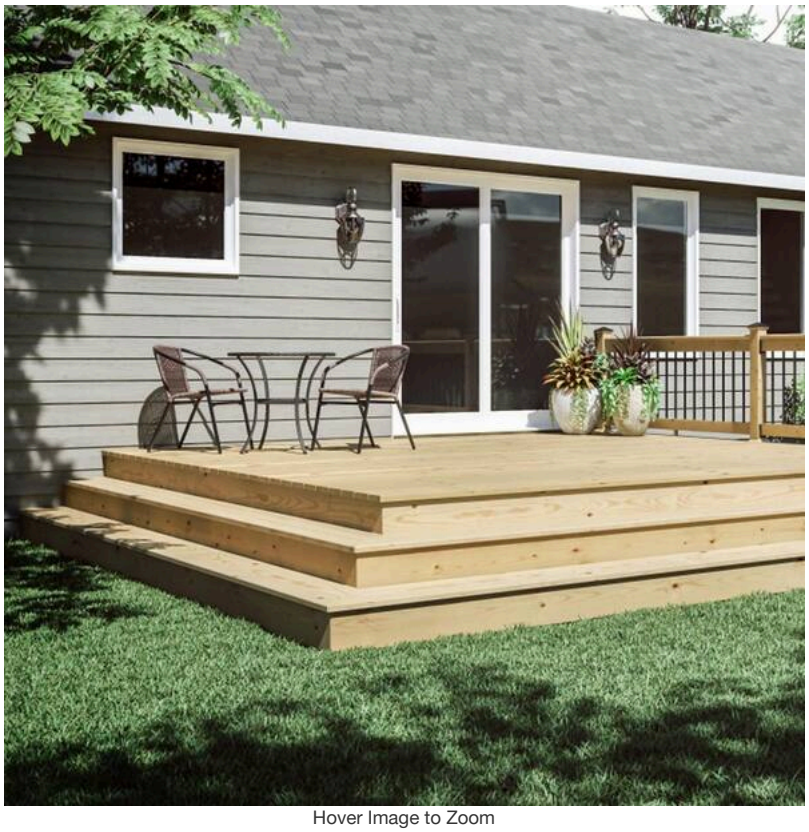
Internet # 206937524 Model # 106001 Store SKU # 1001787117



Hover Image to Zoom





2 in. x 10 in. x 16 ft. 1 Ground Contact Pressure-Treated Southern Yellow Pine Lumber

(397) Questions & Answers (24)

BULK PRICE ELIGIBLE $34.08

Buy **40** or more **$30.67**

Pay **$9.08** after **$25 OFF** your total qualifying purchase upon opening a new card.

Apply for a Home Depot Consumer Card

- 2X the protection compared to Above Ground treatment
- Treated for protection against fungal decay, rot and termites
- Ideal for decks, walkways, landscaping and outdoor wood projects
- View More Details

Williston Store

85 in stock Aisle 21, Bay 001

Nominal Product Length (ft.): **16 ft**

8 ft | ~~10 ft~~ | 12 ft | **16 ft**

Pickup at Williston | Delivering to 05495

Pickup
Today
85 in stock
FREE

Delivery
Tomorrow
85 available

Check Nearby Stores | Delivery Details

Get it delivered as soon as tomorrow.
Schedule your delivery in checkout.

1 — +

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PayPal

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2 in. x 10 in. x 16 ft. 1 Ground Contact…

(396)

BULK PRICE ELIGIBLE $34.08

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Best Seller

4 in. x 4 in. x 8 ft. #2 Ground Contact…

(3856)

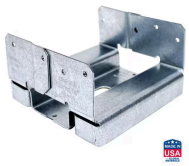
BULK PRICE ELIGIBLE $11.08

Buy **65** or more **$9.97**

+

Select

Best Seller



Simpson Strong-Tie ABA ZMAX…

(367)

BULK PRICE ELIGIBLE $26.28

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Select

Top Rated

WeatherShield 5/4 in. x 6 in. x 16 ft. Ground…

(2551)

BULK PRICE ELIGIBLE $18.88

Buy **96** or more **$16.99**

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Select

Best Seller

Quikrete QUIK-TUBE 12 in. x 48 in. Buildi…

(217)

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+

Se

6 in. x Press

Buy **2**

Subtotal: $138.98

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Product Details

Specifications

Questions & Answers
24 Questions

Customer Reviews
4.2 out of 5 (397)

Feedback

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2 in. x 10 in. x 12 ft. 1 Ground Contact Pressure-Treated…

(396)

BULK PRICE $26.58

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BULK PRICE $45.38

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(0)

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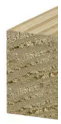

Weathe
1 Grou

BULK PRICE $•

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(3856)

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4 in. x 4 in. x 10 ft. #2 Pressure-Treated Ground Contact South…

(1751)

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6 in. x 6 in. x 8 ft. #2 Pressure-Treated Ground Contact South…

(1489)

$34.18

Buy 24 or more $30.76

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2 in. x 12 in. x 16 ft. 1 Ground Contact Pressure-Treated…

(163)

$45.38

Buy 32 or more $40.84

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Buy 48

You Might Also Need

2 in. x 10 in. x 12 ft. 1 Ground Contact Pressure-Treated…

(396)

$26.58

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Best Seller

4 in. x 4 in. x 8 ft. #2 Ground Contact Southern Yellow Pine…

(3856)

$11.08

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(396)

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(403)

$18.08

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WeatherShield 2 in. x 6 in. x 8 ft. 1 Ground Contact Pressure-Treat…

(626)

$8.38

Buy 64 or more $7.54

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Weathe ft. Grou

Buy 96

Department of Permitting & Inspections
Zoning Division
645 Pine Street
Burlington, VT 05401
Telephone: (802) 865-7188

William Ward, Director
Scott Gustin, AICP, CFM, Principal Planner
Mary O'Neil, AICP, Principal Planner
Kirk Dressing, Associate Planner
Joseph Cava, Planning Technician
Collin Naheedy, Code Compliance Officer

TO: Development Review Board
FROM: Scott Gustin
DATE: April 21, 2026
RE: ZP-26-36; 175 Institute Road
==========

Note: These are staff comments only; decisions on projects are made by the Development Review Board, which may approve, deny, table or modify any project. THE APPLICANT OR REPRESENTATIVE MUST ATTEND THE MEETING.

Zone: I Ward: 7

Owner/Applicant: Burlington School Department / David Marshall

Request: Proposed stormwater modifications, consistent with the scope and objectives of an EPA-administered enhancement grant.

Applicable Regulations:
Article 2 (Administrative Mechanisms), Article 4 (Maps & Districts), Article 5 (Citywide General Regulations), Article 6 (Development Criteria & Guidelines)

Background Information:
The applicant is seeking approval for modifications to a previously permitted stormwater management facility. The stormwater facility was previously approved as part of the Burlington High School redevelopment. The applicant has been awarded grant funds that can be used to improve access to the site as an educational opportunity for students. The project modifications consist largely of walkways and viewing areas. Some additional drainage improvements will be made to the baseball field as well.

The Conservation Board reviewed this application at their April 6, 2026 meeting and unanimously recommended approval with the suggestion that the School Department create an educational opportunity out of installation of the native plantings included in this project.

The subject property is permitted a secondary public school. As such, it is subject to limited zoning review per state statute. Vermont Statute limits municipal review under 24 V.S.A. §4413 in the following circumstances:

(a) (1) *The following uses may be regulated only with respect to location, size, height, building bulk, yards, courts, setbacks, density of buildings, off-street parking, loading facilities, traffic, noise, lighting, landscaping, and screening requirements, and only to the extent that regulations do not have the effect of interfering with the intended functional use: (B) public and private schools and other educational institutions certified by the Agency of Education.*

Recommendation: **Consent approval** as per, and subject to, the following findings and conditions.

I. Findings

Article 2: Administrative Mechanisms
Sec. 2.7.8 Withhold Permit
There are several expired permits lacking their required certificates of occupancy. Prior to closure of this zoning permit with a certificate of occupancy, all of these prior expired zoning permits shall be closed. **(Affirmative finding as conditioned)**

Article 4: Maps & Districts
Sec. 4.4.4, Institutional District:
(a) Purpose
The subject property is located in the Institutional zone, which is intended to allow for increased development intensity than that found in the adjacent residential zones and to support continued growth and flexibility of the city's major public and educational institutions. The property is home to the former, and new, Burlington High School. No change in use is proposed. **(Affirmative finding)**

(b) Dimensional Standards & Density
Building setbacks remain unchanged. The walkways included in this application may encroach into setbacks, although they appear to be consistent with the usual 5' minimum accessory feature setback anyway. Building height remains unchanged, as does development intensity. Lot coverage will increase slightly. A resultant lot coverage percentage is not included in the project plans and must be noted. Up to 60% lot coverage is permissible within the BHS core campus overlay. **(Affirmative finding as conditioned)**

(c) Permitted & Conditional Uses
No change in use is proposed. **(Not applicable)**

Sec. 4.5.2, Institutional Core Campus Overlay Districts:
(h) District Specific Regulations: Burlington High School Campus (BHS)
1. Lot Coverage
See 4.4.4 (d) above.

2. Setbacks
See 4.4.4 (d) above.

3. Building Height
(Not applicable)

4. Uses
(Not applicable)

Article 5: Citywide General Regulations
Sec. 5.2.3, Lot Coverage Requirements
See Sec. 4.4.4 (b) above.

Sec. 5.2.4, Buildable Area Calculation

(Not applicable)

Sec. 5.2.5, Setbacks
See Sec. 4.4.4 (b) above.

Sec. 5.2.6, Building Height Limits
See Sec. 4.4.4 (b) above.

Sec. 5.2.7, Density and Intensity of Development Calculations
See Sec. 4.4.4 (b) above.

Sec. 5.5.1, Nuisance Regulations
Nothing in this stormwater enhancement project is expected to generate any nuisance impacts. **(Affirmative finding)**

Sec. 5.5.3, Stormwater & Erosion Control
The subject stormwater facility has already been reviewed and approved by the city's stormwater program staff. Similarly, the construction site erosion control plan has been approved and will be implemented during construction of this project. **(Affirmative finding)**

Article 6: Development Review Standards
Part 1, Land Division Design Standards
(Not applicable)

Part 2, Site Plan Design Standards
Sec. 6.2.2, Review Standards
(a) Protection of important natural features
The stormwater facility is within an identified wetland and surrounding wooded area. Natural area impacts were evaluated under prior permit application. The Conservation Board reviewed this application April 6, 2026 and found no additional impacts. **(Affirmative finding)**

(b) Topographical alterations
Not applicable per 24 VSA, Sec. 4413.

(c) Protection of important public views
Not applicable per 24 VSA, Sec. 4413.

(d) Protection of important cultural resources
Not applicable per 24 VSA, Sec. 4413.

(e) Supporting the use of alternative energy
Not applicable per 24 VSA, Sec. 4413.

(f) Brownfield sites
Not applicable per 24 VSA, Sec. 4413.

(g) Provide for nature's events

Not applicable per 24 VSA, Sec. 4413. The city's stormwater standards under Chapter 26 continue to apply.

(h) Building location and orientation
Not applicable per 24 VSA, Sec. 4413.

(i) Vehicular access
Not applicable per 24 VSA, Sec. 4413.

(j) Pedestrian access
Not applicable per 24 VSA, Sec. 4413.

(k) Accessibility for the handicapped
Not applicable per 24 VSA, Sec. 4413. Accessibility requirements under the City's building code continue to apply.

(l) Parking and circulation
Parking and circulation remain unchanged. **(Not applicable)**

(m) Landscaping, fences, and retaining walls
In addition to walkways and viewing areas, the proposed work will include some retaining walls and fencing. These elements are integral to the overall project design and comply with applicable site standards. **(Affirmative finding)**

(n) Public plazas and open space
This project will introduce improved accessibility to an existing stormwater facility. It will provide educational opportunity for students to learn about, and see up close, functioning stormwater facilities used to mitigate pollution and to improve water quality. **(Affirmative finding)**

(o) Outdoor lighting
No new outdoor lighting is proposed. **(Not applicable)**

(p) Integrate infrastructure into the design
No new ground-mounted mechanical equipment is proposed. **(Not applicable)**

Part 3, Architectural Design Standards
Sec. 6.3.2, Review Standards
No changes to the buildings are proposed. **(Not applicable)**

II. Conditions of Approval

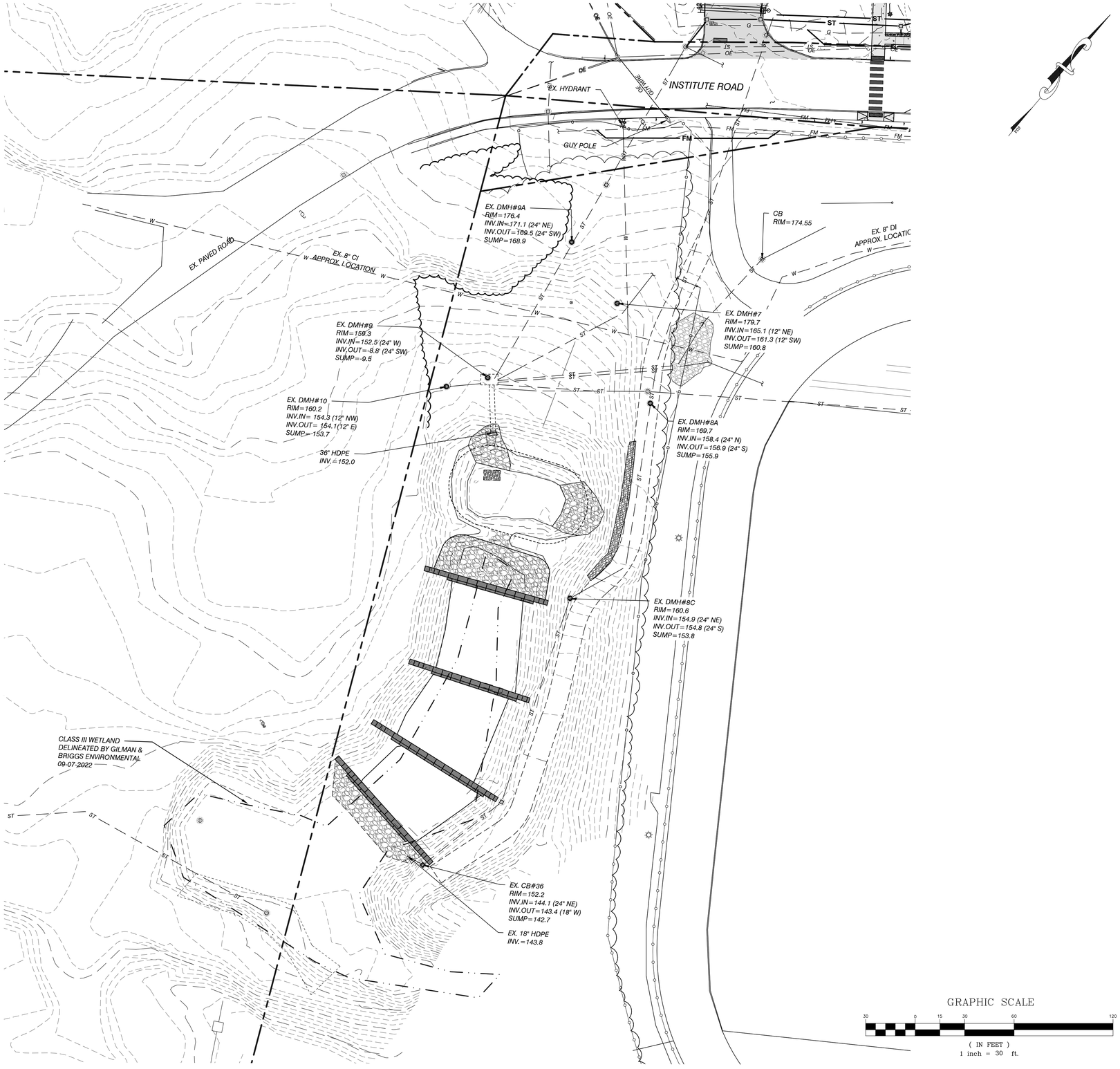
1. **Prior to issuance of the zoning permit**, proposed lot coverage information shall be provided, subject to staff review and approval.
2. The School Department is encouraged to invite students and teachers to participate in the installation of plantings in and around this enhanced stormwater facility.
3. **Prior to issuance of a certificate of occupancy for this permit**, all prior expired zoning permits for this property shall be closed out (either superseded by newer permits or with

certificates of occupancy). Expired permits in need of closure include: ZP-1998-16 (bleachers); ZP-1998-550 (amended bleachers); ZP-06-14 (redevelopment of athletic fields); ZP-09-102 (press box renovations); ZP-14-198 (new athletic building).

4. Standard conditions 1-15.

LEGEND

- APPROXIMATE PROPERTY LINE
- EXISTING CONTOUR
- EXISTING CURB
- EXISTING FENCE
- EXISTING GRAVEL
- EXISTING PAVEMENT
- EXISTING OVERHEAD ELECTRIC (OE)
- EXISTING UNDERGROUND ELECTRIC (UE)
- EXISTING UNDERGROUND COMMUNICATIONS (COM)
- EXISTING FORCEMAIN (FM)
- EXISTING GAS (G)
- EXISTING STORM (ST)
- EXISTING GRAVITY SEWER (S)
- EXISTING WATER (W)
- EXISTING SWALE
- EXISTING SEWER MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- EXISTING HYDRANT
- EXISTING SHUT OFF
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING GUY WIRE/POLE
- EXISTING SIGN
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- EDGE OF BRUSH/WOODS
- IRON ROD/PIPE FOUND



GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)

1 inch = 30 ft.

NOTES

1. UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE OR REPRESENT ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED PREMISES. EXISTING UTILITY LOCATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CONFLICTS. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. THE CONTRACTOR SHALL CONTACT DIG SAFE (888-344-7233) PRIOR TO ANY CONSTRUCTION.
2. PROPERTY LINE INFORMATION IS BASED ON A PLAN ENTITLED "EXISTING CONDITIONS SURVEY OF BURLINGTON HIGH SCHOOL AND BURLINGTON TECHNICAL CENTER" PREPARED BY AES NORTHEAST DATED 2014. THIS PLAN IS NOT A BOUNDARY SURVEY AND IS NOT INTENDED TO BE USED AS ONE.
3. SITE INFORMATION IS BASED ON A PLAN ENTITLED "EXISTING CONDITIONS SURVEY OF BURLINGTON HIGH SCHOOL AND BURLINGTON TECHNICAL CENTER" PREPARED BY AES NORTHEAST DATED 2014 AND FIELD SURVEY PERFORMED BY CIVIL ENGINEERING ASSOCIATES, INC JANUARY 2026. CIVIL ENGINEERING ASSOCIATES, INC. SURVEY ORIENTATION IS "GRID NORTH", VERMONT COORDINATE SYSTEM OF 1983 (HORIZONTAL) AND NAVD88 (VERTICAL) ESTABLISHED FROM GPS OBSERVATIONS ON SITE.
5. CONTOUR INFORMATION OUTSIDE OF AREA OF INTEREST IS BASED UPON LIDAR DATA FROM 2014. HORIZONTAL AND VERTICAL DATUM BASED ON VCS NAD 83 AND NAVD 88.

SITE ENGINEER:

CIVIL ENGINEERING ASSOCIATES, INC.
10 MANSFIELD VIEW LANE, SOUTH BURLINGTON, VT 05403
P: 802-864-2323 FAX: 802-864-2271 web: www.cea-vt.com

STORMWATER CONSULTANT

WATERSHED CONSULTING
208 FLYNN AVE SUITE 2H BURLINGTON, VT 05401
P: 802-497-2367 web: www.watershedca.com

DRAWN: MAB
CHECKED: DSM
APPROVED: DSM

CLIENT:

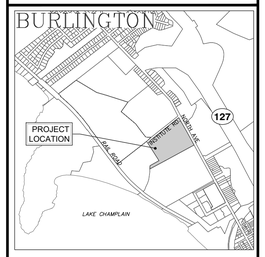
BURLINGTON SCHOOL DISTRICT

150 COLCHESTER AVENUE
BURLINGTON VERMONT
05401

PROJECT:

BURLINGTON HIGH SCHOOL / BURLINGTON TECHNICAL CENTER STORMWATER ENHANCEMENT PROJECT

52 INSTITUTE ROAD
BURLINGTON, VT 05408



LOCATION MAP
1" = 2000'

DATE	CHECKED	REVISION
02/24/26	DSM	BID SET

EXISTING CONDITION STORMWATER POND SITE PLAN

DATE: 02/24/2026
SCALE: 1" = 30'
PROJ. NO.: 21255.10

DRAWING NUMBER: C2.0

GENERAL NOTES

1. UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE OR REPRESENT ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED PREMISES. EXISTING UTILITY LOCATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CONFLICTS. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. THE CONTRACTOR SHALL CONTACT DIG SAFE (888-344-7233) PRIOR TO ANY CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL HIRE A PRIVATE UTILITY LOCATING FIRM TO LOCATE OWNER OWNED UNDERGROUND UTILITIES PRIOR TO START OF ANY EXCAVATION.
2. ALL EXISTING UTILITIES NOT INCORPORATED INTO THE FINAL DESIGN SHALL BE REMOVED OR ABANDONED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL MAINTAIN AS-BUILT PLANS (WITH TIES) FOR ALL UNDERGROUND UTILITIES. THOSE PLANS SHALL BE SUBMITTED TO THE OWNER AT THE COMPLETION OF THE PROJECT.
4. THE CONTRACTOR SHALL REPAIR/RESTORE ALL DISTURBED AREAS (ON OR OFF THE SITE) AS A DIRECT OR INDIRECT RESULT OF THE CONSTRUCTION.
5. ALL GRASSED AREAS SHALL BE MAINTAINED UNTIL FULL VEGETATION IS ESTABLISHED.
6. MAINTAIN ALL TREES OUTSIDE OF CONSTRUCTION LIMITS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK NECESSARY FOR COMPLETE AND OPERABLE FACILITIES AND UTILITIES.
8. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS AND MATERIALS INCORPORATED INTO THE SITE WORK. WORK SHALL NOT BEGIN ON ANY ITEM UNTIL SHOP DRAWING APPROVAL IS GRANTED.
9. IN ADDITION TO THE REQUIREMENTS SET IN THESE PLANS AND SPECIFICATIONS, THE CONTRACTOR SHALL COMPLETE THE WORK IN ACCORDANCE WITH ALL PERMIT CONDITIONS AND ANY LOCAL PUBLIC WORKS STANDARDS.
10. THE TOLERANCE FOR FINISH GRADES FOR ALL PAVEMENT, WALKWAYS AND LAWN AREAS SHALL BE 0.1 FEET. UNLESS NOTED OTHERWISE, ALL EXISTING MANHOLE COVERS, VALVES, CURB STOPS AND OTHER ITEMS TO REMAIN SHALL BE ADJUSTED TO THE NEW FINISH GRADE.
11. ANY DEWATERING NECESSARY FOR THE COMPLETION OF THE SITEWORK SHALL BE CONSIDERED AS PART OF THE CONTRACT AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
12. THE CONTRACTOR SHALL COORDINATE ALL WORK WITHIN TOWN ROAD R.O.W. WITH TOWN AUTHORITIES.
13. THE CONTRACTOR SHALL INSTALL THE ELECTRICAL, CABLE AND TELEPHONE SERVICES IN ACCORDANCE WITH THE UTILITY COMPANIES REQUIREMENTS.
14. EXISTING PAVEMENT AND TREE STUMPS TO BE REMOVED SHALL BE DISPOSED OF AT AN APPROVED OFF-SITE LOCATION. ALL PAVEMENT CUTS SHALL BE MADE WITH A PAVEMENT SAW.
15. IF THERE ARE ANY CONFLICTS OR INCONSISTENCIES WITH THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR VERIFICATION BEFORE WORK CONTINUES ON THE ITEM IN QUESTION.
16. PROPERTY LINE INFORMATION IS BASED ON A PLAN ENTITLED "EXISTING CONDITIONS SURVEY OF BURLINGTON HIGH SCHOOL AND BURLINGTON TECHNICAL CENTER" PREPARED BY AES NORTHEAST DATED 2014. THIS PLAN IS NOT A BOUNDARY SURVEY AND IS NOT INTENDED TO BE USED AS ONE.
17. IF THE BUILDING IS TO BE SPRINKLERED, BACKFLOW PREVENTION SHALL BE PROVIDED IN ACCORDANCE WITH AWWA M14. THE SITE CONTRACTOR SHALL CONSTRUCT THE WATER LINE TO TWO FEET ABOVE THE FINISHED FLOOR. SEE MECHANICAL PLANS FOR RISER DETAIL.
18. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING TESTING AND INSPECTION SERVICES INDICATED IN THE CONTRACT DOCUMENTS, TYPICAL FOR CONCRETE AND SOIL TESTING.
19. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT AND FIELD ENGINEERING REQUIRED FOR COMPLETION OF THE PROJECT. CIVIL ENGINEERING ASSOCIATES WILL PROVIDE AN AUTOCAD FILE WHERE APPLICABLE.
20. THE OWNER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ANY AND ALL SAFETY FENCES OR RAILS ABOVE EXISTING AND PROPOSED WALLS. THE OWNER SHALL VERIFY LOCAL, STATE AND INSURANCE REQUIREMENT GUIDELINES FOR THE INSTALLATION AND VERIFY ANY AND ALL PERMITTING REQUIREMENTS.

LEGEND

- APPROXIMATE PROPERTY LINE
- 100 — EXISTING CONTOUR
- EXISTING CURB
- EXISTING FENCE
- EXISTING GRAVEL
- EXISTING PAVEMENT
- OE — EXISTING OVERHEAD ELECTRIC
- UE — EXISTING UNDERGROUND ELECTRIC
- COM — EXISTING UNDERGROUND COMMUNICATIONS
- FM — EXISTING FORCEMAIN
- G — EXISTING GAS
- ST — EXISTING STORM
- S — EXISTING GRAVITY SEWER
- W — EXISTING WATER
- EXISTING SWALE
- EXISTING SEWER MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- EXISTING HYDRANT
- EXISTING SHUT OFF
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING GUY WIRE/POLE
- EXISTING SIGN
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- EDGE OF BRUSH/WOODS
- IRON ROD/PIPE FOUND
- 100 — **PROPOSED CONTOUR**
- **PROPOSED FENCE**

STORMWATER POND SITE PLAN

SCALE: 1" = 30'

SITE ENGINEER:

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208 FLYNN AVE SUITE 2H BURLINGTON, VT 05401
P: 802-497-2367 web: www.watershedcs.com

DRAWN MAB
CHECKED DSM
APPROVED DSM

CLIENT:

BURLINGTON SCHOOL DISTRICT

150 COLCHESTER AVENUE
BURLINGTON VERMONT
05401

PROJECT:

BURLINGTON HIGH SCHOOL / BURLINGTON TECHNICAL CENTER STORMWATER ENHANCEMENT PROJECT

52 INSTITUTE ROAD
BURLINGTON, VT 05408

LOCATION MAP

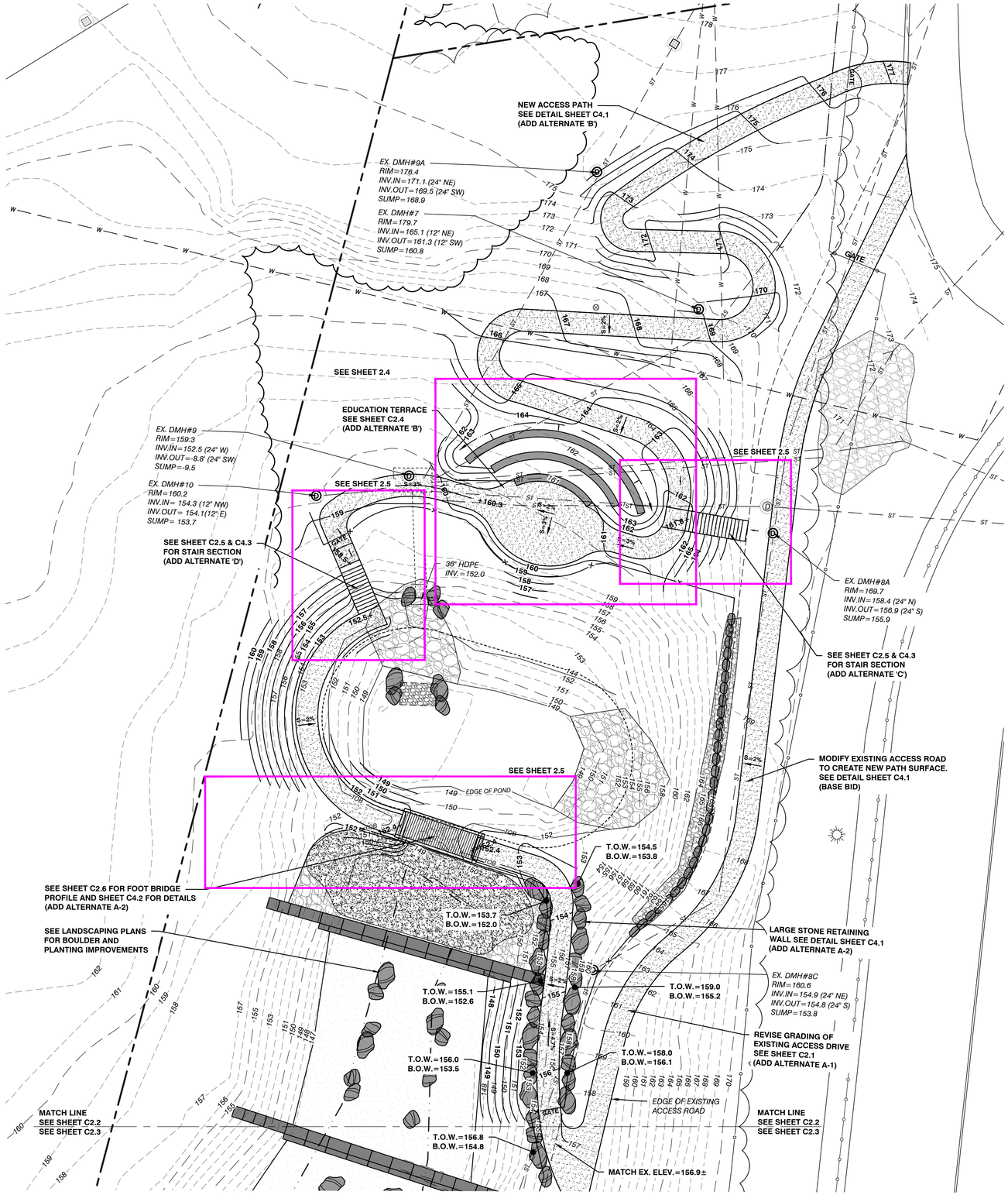
1" = 2000'

DATE	CHECKED	REVISION
02/24/26	DSM	BID SET

PROPOSED SITE IMPROVEMENTS PLAN

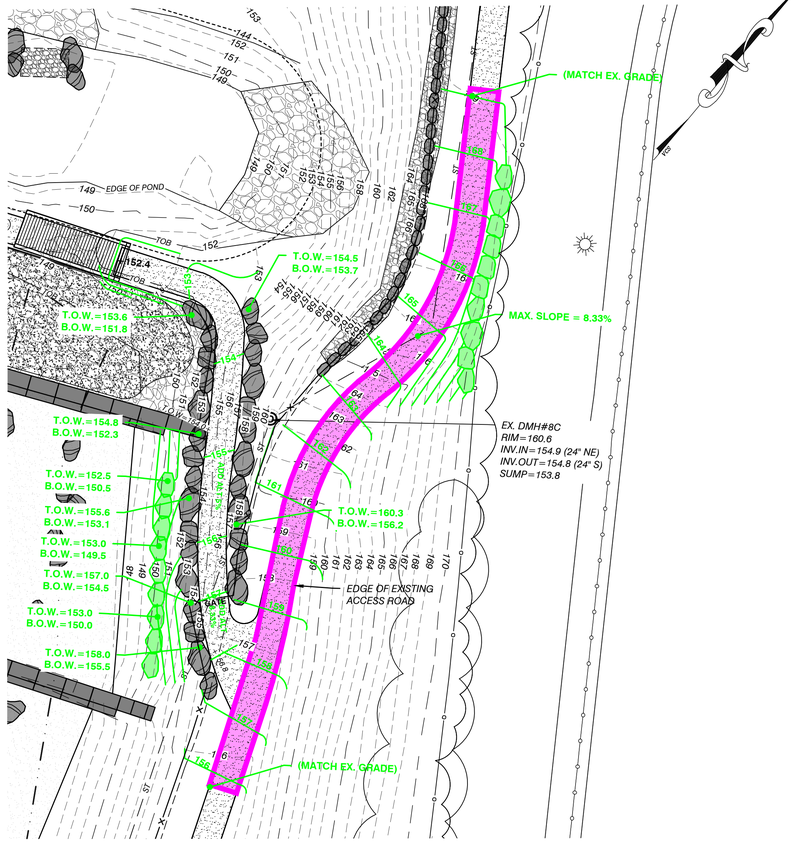
DATE 02/24/2026
SCALE 1" = 30'
PROJ. NO. 21255.10

DRAWING NUMBER C2.1



STORMWATER POND SITE PLAN - NORTH

SCALE: 1" = 15'



ADD ALTERNATE (A-1) - ACCESS ROAD RE-GRADING

SCALE: 1" = 15'

LEGEND

- APPROXIMATE PROPERTY LINE
- EXISTING CONTOUR
- EXISTING CURB
- EXISTING FENCE
- EXISTING GRAVEL
- EXISTING PAVEMENT
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND COMMUNICATIONS
- EXISTING FORCEMAIN
- EXISTING GAS
- EXISTING STORM
- EXISTING GRAVITY SEWER
- EXISTING WATER
- EXISTING SWALE
- EXISTING SEWER MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- EXISTING HYDRANT
- EXISTING SHUT OFF
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING GUY WIRE/POLE
- EXISTING SIGN
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- EDGE OF BRUSH/WOODS
- IRON ROD/PIPE FOUND
- PROPOSED CONTOUR
- PROPOSED SWALE
- PROPOSED FENCE

GRAPHIC SCALE

15 0 7.5 15 30 60

(IN FEET)
1 inch = 15 ft.

SITE ENGINEER:
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DRAWN MAB
CHECKED DSM
APPROVED DSM

CLIENT:

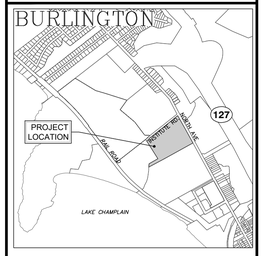
BURLINGTON SCHOOL DISTRICT

150 COLCHESTER AVENUE
BURLINGTON VERMONT
05401

PROJECT:

BURLINGTON HIGH SCHOOL / BURLINGTON TECHNICAL CENTER STORMWATER ENHANCEMENT PROJECT

52 INSTITUTE ROAD
BURLINGTON, VT 05408



LOCATION MAP

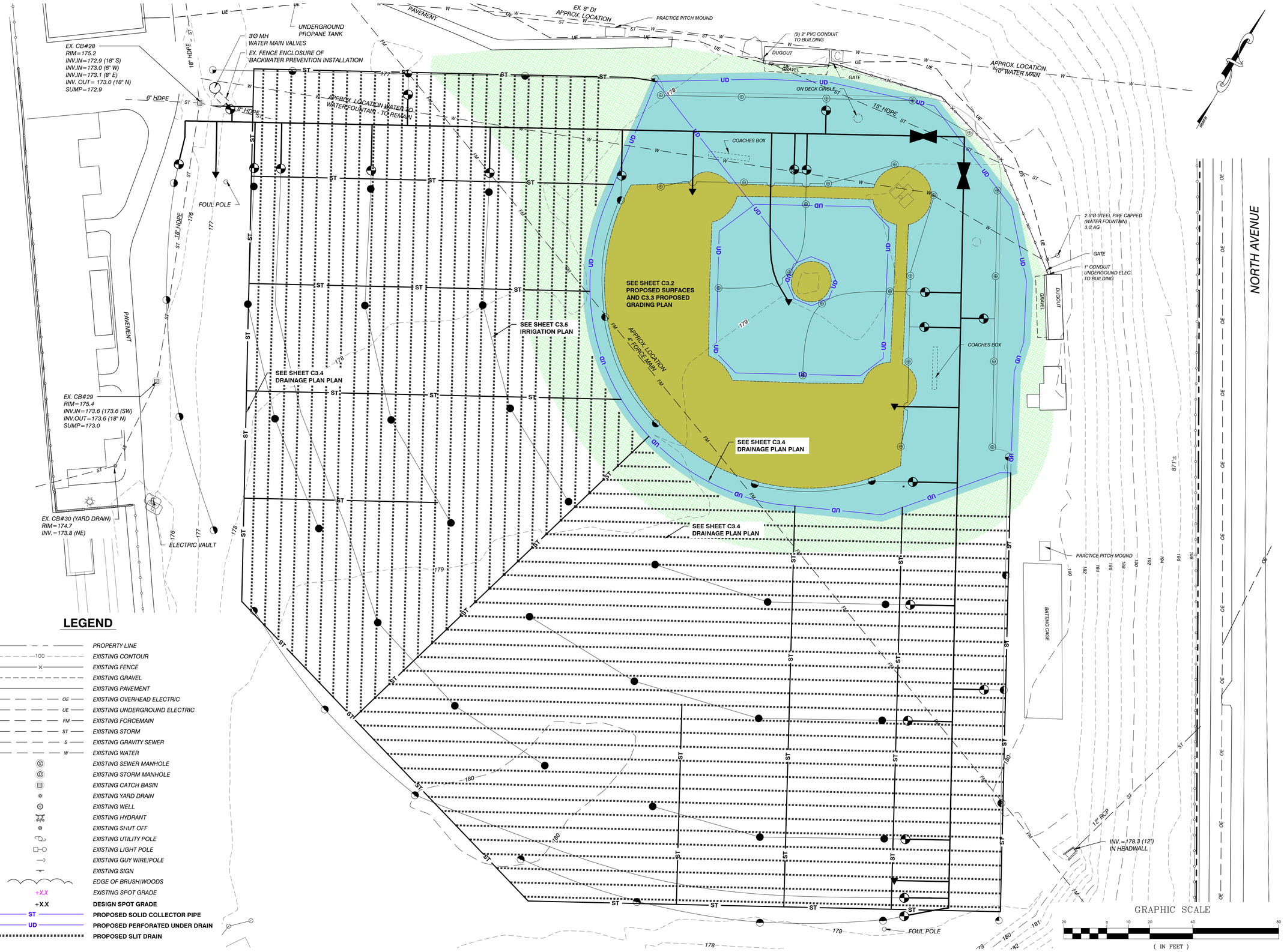
1" = 2000'

DATE	CHECKED	REVISION
02/24/26	DSM	BID SET

PROPOSED GRADING AND DRAINAGE PLAN - NORTH

DATE 02/24/2026
SCALE 1" = 15'
PROJ. NO. 21255.10

DRAWING NUMBER **C2.2**



LEGEND

- PROPERTY LINE
- 100 EXISTING CONTOUR
- EXISTING FENCE
- EXISTING GRAVEL
- EXISTING PAVEMENT
- OE EXISTING OVERHEAD ELECTRIC
- UE EXISTING UNDERGROUND ELECTRIC
- FM EXISTING FORCEMAIN
- ST EXISTING STORM
- S EXISTING GRAVITY SEWER
- W EXISTING WATER
- EXISTING SEWER MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- EXISTING YARD DRAIN
- EXISTING WELL
- EXISTING HYDRANT
- EXISTING SHUT OFF
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING GUY WIRE/POLE
- EXISTING SIGN
- EDGE OF BRUSH/WOODS
- +X.X EXISTING SPOT GRADE
- +X.X DESIGN SPOT GRADE
- ST PROPOSED SOLID COLLECTOR PIPE
- UD PROPOSED PERFORATED UNDER DRAIN
- PROPOSED SLIT DRAIN

SITE ENGINEER:

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DRAWN MAB
CHECKED DSM
APPROVED DSM

CLIENT:

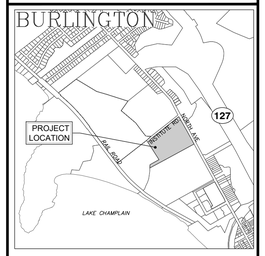
BURLINGTON SCHOOL DISTRICT

150 COLCHESTER AVENUE
BURLINGTON VERMONT
05401

PROJECT:

BURLINGTON HIGH SCHOOL / BURLINGTON TECHNICAL CENTER STORMWATER ENHANCEMENT PROJECT

52 INSTITUTE ROAD
BURLINGTON, VT 05408



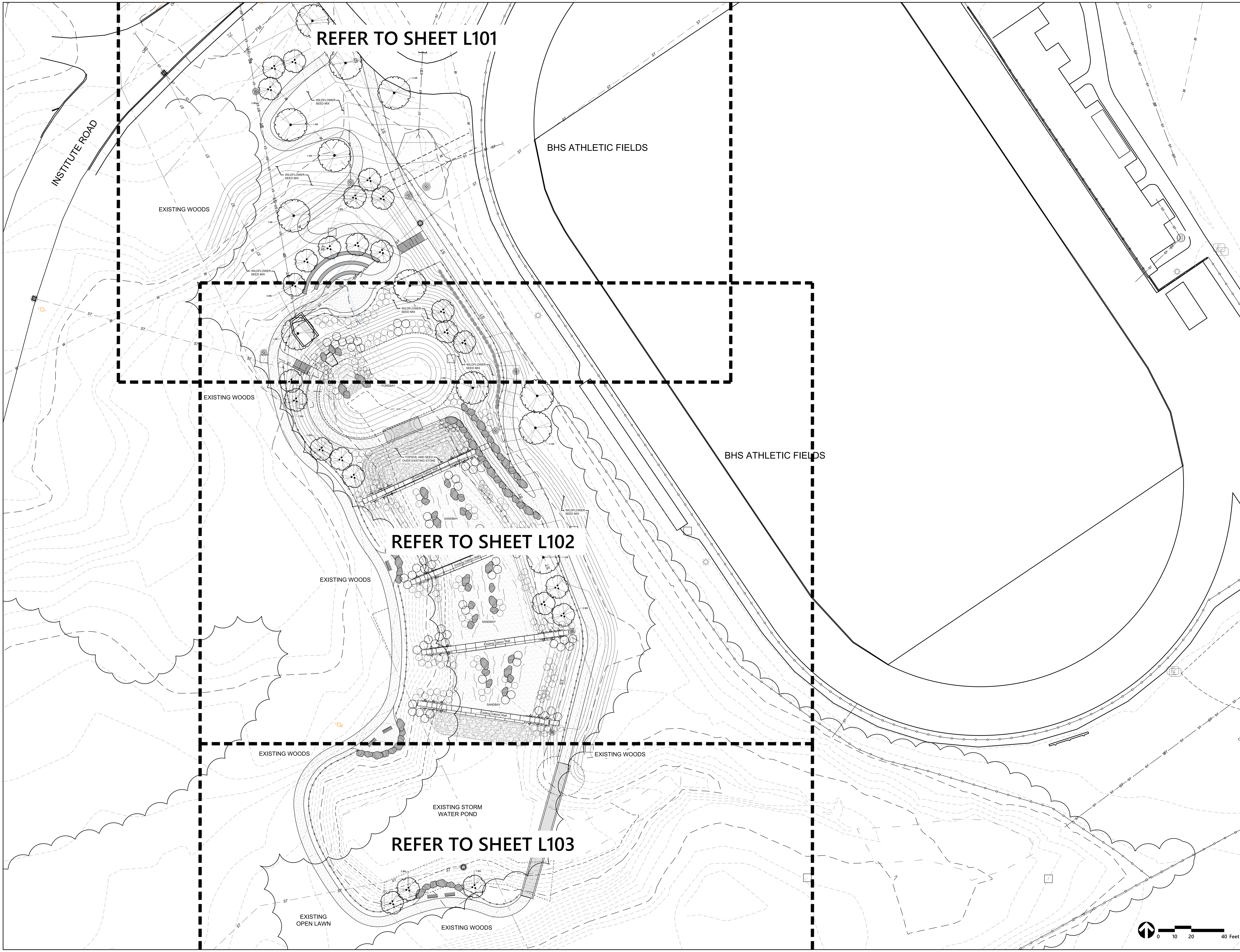
LOCATION MAP
1" = 2000'

DATE	CHECKED	REVISION
02/24/26	DSM	BID SET

OVERALL PROPOSED SITE PLAN

DATE 02/24/2026
SCALE 1" = 20'
PROJ. NO. 21255.10

DRAWING NUMBER **C3.1**



CIVIL ENGINEER
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BURLINGTON, VT 05401
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LANDSCAPE ARCHITECT
vhb
20 Winooski Falls Way
Suite 400B
Winooski, VT 05404

BURLINGTON HIGH SCHOOL & BURLINGTON TECHNICAL CENTER

BID SET
FEBRUARY 25, 2026

52 INSTITUTE ROAD,
BURLINGTON, VERMONT

ORIGINATION DATE:	SCALE:
02/25/2026	AS NOTED
DRAWN BY: MKW	CHECKED BY: MKW

ISSUE LOG:
BID SET 03/27/2026

SHEET CONTENTS:
OVERALL PLANTING PLAN

SHEET NO:
L-100

INSTITUTE ROAD

EXISTING WOODS

BHS ATHLETIC FIELDS

PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
DECIDUOUS TREES				
AR	12	Acer rubrum	Red Maple	2 1/2 - 3" CAL./B&B
BN	25	Betula nigra `Heritage`	Multi-Stem Heritage River Birch	12 -14` HT.
SHRUBS				
CA2	128	Cornus stolonifera `Arctic Fire`	Arctic Fire Dogwood	18 - 24" SPD
IVJ	6	Ilex verticillata `Jim Dandy`	Jim Dandy Winterberry	18 - 24" SPD
IVR	32	Ilex verticillata `Red Sprite`	Red Sprite Winterberry	18 - 24" SPD
SP	66	Salix discolor	Pussy Willow	24 - 30" SPD.
SL2	66	Spiraea latifolia	Meadow-Sweet	18 - 24" SPD
VINES				
PQV	48	Parthenocissus quinquefolia	Virgina Creeper	#1 POT

Notes:
1. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL PLANT QUANTITIES FOUND IN THE PLANTING PLANS. IF ANY DISCREPANCIES ARE FOUND, LANDSCAPE ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY.
2. FINAL LAYOUT AND PLACEMENT OF ALL PLANT MATERIAL TO BE APPROVED BY THE LANDSCAPE ARCHITECT.
3. CONTRACTOR IS RESPONSIBLE TO SEED ALL DISTURBED AREAS ACCORDING TO THE SPECIFICATIONS AND LAWN DETAIL.
4. REFER TO PLANT MATERIAL INSTALLATION DETAILS AND SPECIFICATIONS .
5. IF THE LANDSCAPE CONTRACTOR PROPOSES A SUBSTITUTE PLANT SPECIES, ALL SUBSTITUTES NEED TO BE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING PRIOR TO ORDERING.

3 AR
3 BN
WILDFLOWER SEED MIX
1 AR
1 AR
WILDFLOWER SEED MIX
3 BN
1 AR
E L200 STONE SEAT WALL AMPHITHEATER (Bid Alternate)
TIMBER STAIRS
WILDFLOWER SEED MIX
5 BN
48" TALL CEDAR SPLIT RAIL FENCE (3 Rails), WITH 2"x4" WELDED WIRE MESH
1 AR
EXISTING BOULDER RETAINING WALL
WILDFLOWER SEED MIX
7 SL2
6 CA2
8 SL2
48" TALL CEDAR SPLIT RAIL FENCE (3 Rails), WITH 2"x4" WELDED WIRE MESH
6 SL2
8 SP
1 AR
3 SP
7 CA2
5 SL2
3 BN
5 CA2
7 IVR
1 IVJ
WILDFLOWER SEED MIX
TIMBER STAIRS
5 IVR
2 IVJ
1 AR
6 SL2

0 5 10 20 Feet

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LANDSCAPE ARCHITECT
vhb
20 Winooski Falls Way
Suite 402B
Winooski, VT 05404

BURLINGTON HIGH SCHOOL & BURLINGTON TECHNICAL CENTER

BID SET
FEBRUARY 25, 2026

52 INSTITUTE ROAD,
BURLINGTON, VERMONT

ORIGINATION DATE:	SCALE:
02/25/2026	AS NOTED
DRAWN BY:	CHECKED BY:
MKW	MKW

ISSUE LOG:
BID SET 03/27/2026

SHEET CONTENTS:
PLANTING PLAN

SHEET NO:
L-101

PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
DECIDUOUS TREES				
AR	12	Acer rubrum	Red Maple	2 1/2 - 3" CAL./B&B
BN	25	Betula nigra `Heritage`	Multi-Stem Heritage River Birch	12 -14` HT.
SHRUBS				
CA2	128	Cornus stolonifera `Arctic Fire`	Arctic Fire Dogwood	18 - 24" SPD
IVJ	6	Ilex verticillata `Jim Dandy`	Jim Dandy Winterberry	18 - 24" SPD
IVR	32	Ilex verticillata `Red Sprite`	Red Sprite Winterberry	18 - 24" SPD
SP	66	Salix discolor	Pussy Willow	24 - 30" SPD.
SL2	66	Spiraea latifolia	Meadow-Sweet	18 - 24" SPD
VINES				
PQV	48	Parthenocissus quinquefolia	Virgina Creeper	#1 POT

Notes:
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2. FINAL LAYOUT AND PLACEMENT OF ALL PLANT MATERIAL TO BE APPROVED BY THE LANDSCAPE ARCHITECT.
3. CONTRACTOR IS RESPONSIBLE TO SEED ALL DISTURBED AREAS ACCORDING TO THE SPECIFICATIONS AND LAWN DETAIL.
4. REFER TO PLANT MATERIAL INSTALLATION DETAILS AND SPECIFICATIONS .
5. IF THE LANDSCAPE CONTRACTOR PROPOSES A SUBSTITUTE PLANT SPECIES, ALL SUBSTITUTES NEED TO BE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING PRIOR TO ORDERING.

EXISTING WOODS

BHS ATHLETIC FIELD

48" TALL CEDAR SPLIT RAIL FENCE (3 Rails), WITH 2"x4" WELDED WIRE MESH

WILDFLOWER SEED MIX

EXISTING BOULDER RETAINING WALL

TIMBER STAIRS

FOREBAY

D / L200 LANDSCAPE BOULDER, TYP.

TOPSOIL AND SEED OVER EXISTING STONE

Existing Gabion Wall

BOULDER RETAINING WALL

SANDBAY

6-FOOT BENCH

0 5 10 20 Feet

CIVIL ENGINEER
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BURLINGTON HIGH SCHOOL & BURLINGTON TECHNICAL CENTER

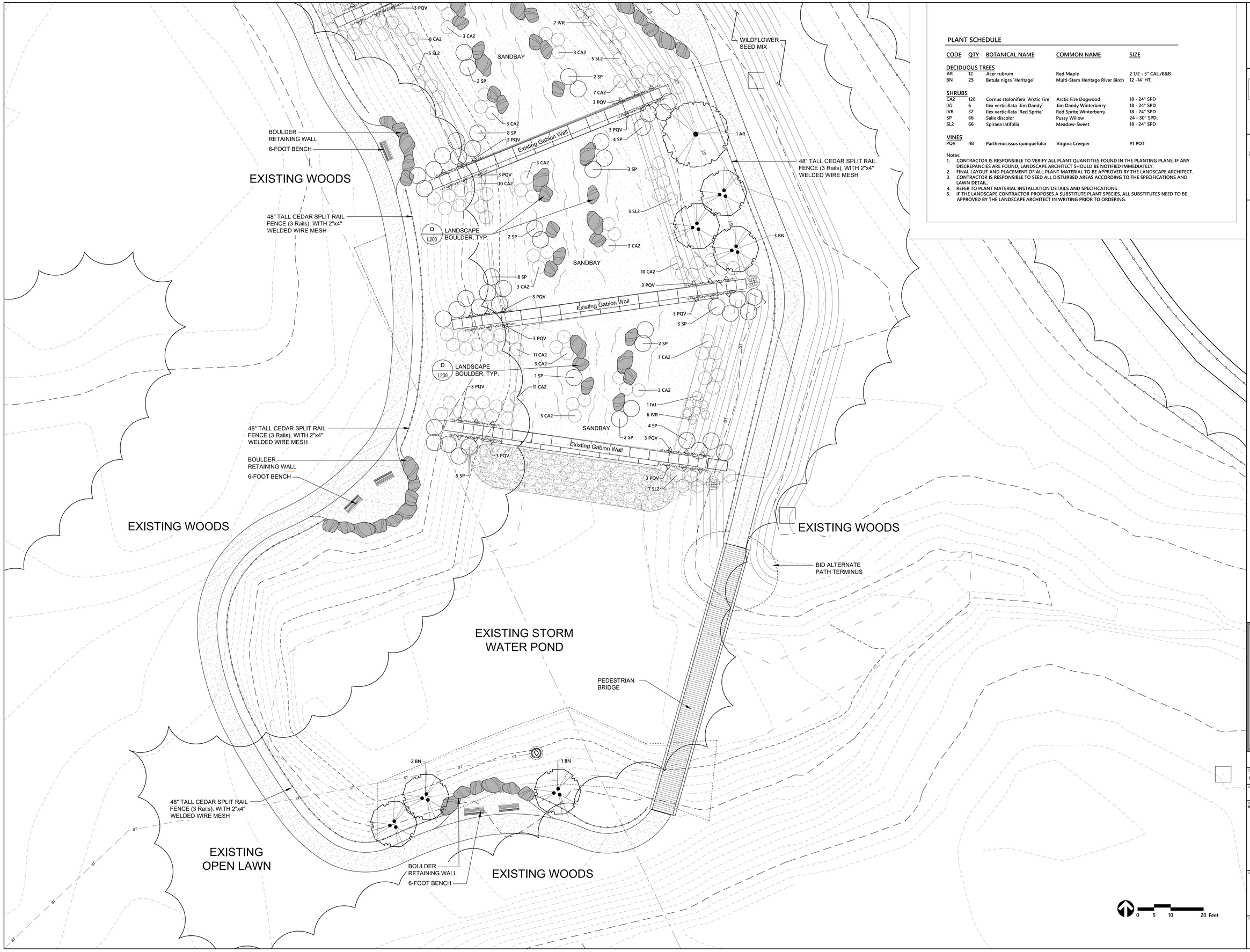
BID SET
FEBRUARY 25, 2026

52 INSTITUTE ROAD,
BURLINGTON, VERMONT

ORIGINATION DATE:	SCALE:
02/25/2026	AS NOTED
DRAWN BY:	CHECKED BY:
MKW	MKW
ISSUE LOG: BID SET	03/27/2026

SHEET CONTENTS:
PLANTING PLAN

SHEET NO:
L-102



PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
DECIDUOUS TREES				
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SHRUBS				
CA2	128	Cornus stolonifera `Arctic Fire`	Arctic Fire Dogwood	18 - 24" SPD
IVJ	6	Ilex verticillata `Jim Dandy`	Jim Dandy Winterberry	18 - 24" SPD
IVR	32	Ilex verticillata `Red Sprite`	Red Sprite Winterberry	18 - 24" SPD
SP	66	Salix discolor	Pussy Willow	24 - 30" SPD.
SL2	66	Spiraea latifolia	Meadow-Sweet	18 - 24" SPD
VINES				
PQV	48	Parthenocissus quinquefolia	Virgina Creeper	#1 POT

Notes:
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0 5 10 20 Feet

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STORMWATER CONSULTANT
WATERSHED CONSULTING
209 FLYNN AVE SUITE 2H
BURLINGTON, VT 05401
P: 802-497-2367 web: www.watershedca.com

LANDSCAPE ARCHITECT
vhb
20 Winooski Falls Way
Suite 402B
Winooski, VT 05404

BURLINGTON HIGH SCHOOL & BURLINGTON TECHNICAL CENTER

BID SET
FEBRUARY 25, 2026

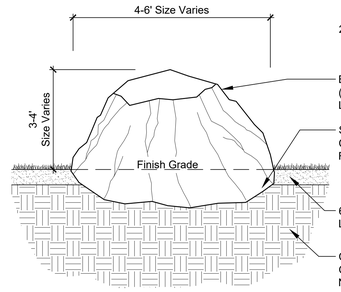
52 INSTITUTE ROAD,
BURLINGTON, VERMONT

ORIGINATION DATE:	SCALE:
02/25/2026	AS NOTED
DRAWN BY:	CHECKED BY:
MKW	MKW

ISSUE LOG:
BID SET 03/27/2026

SHEET CONTENTS:
PLANTING PLAN

SHEET NO:
L-103



NOTES:
1. BOULDERS ARE TO BE HANDLED USING STRAPS OR RUBBER MATS TO PREVENT SCARING. SCARED BOULDERS WILL BE REJECTED.
2. LANDSCAPE ARCHITECT TO ASSIST CONTRACTOR WITH PLACING BOULDERS IN THE FIELD.

BOULDER
(To be selected by Landscape Architect)

SET BOULDER SO THE NATURAL CAMBER OF BOULDER IS BELOW FINISH GRADE

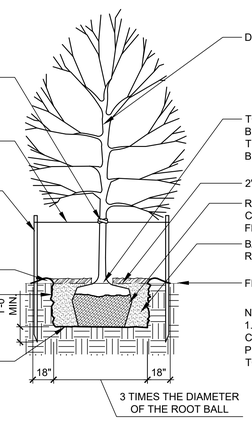
6" TOPSOIL OR LANDSCAPE AREA

COMPACTED SUBGRADE OR UNDISTURBED NATIVE SOIL

D LANDSCAPE BOULDER
SCALE 1/2" = 1'-0"

NOTE: EXAMINE ENTIRE TREE AND REMOVE ALL NURSERY TAGS, ROPE, STRING, OR SURVEYORS TAPE TO PREVENT FUTURE GIRDLING.

SURROUNDING SOIL SHOULD NOT EXCEED 80% COMPACTION, DRAINAGE WILL BE REQUIRED IF COMPACTED SOILS ARE PRESENT



NYLON STRAP WITH 3/4" GROMMETS, REFER TO SPECIFICATIONS

FASTEN WIRE BELOW POINT OF MAJOR BRANCHING OR TO MAJOR OUTSIDE TRUNK.

2 ½" HARDWOOD STAKES. ALIGN STAKES PARALLEL W/ ROAD/ WALKS OR PARALLEL W/ DIRECTION OF PREVAILING WIND, REFER TO TREE STAKING DETAIL

TEMPORARY WATERING BASIN

BREAK APART EDGE OF EXCAVATION W/ SHOVEL AND BLEND PLANT MIX W/ EXISTING SOIL TO PROVIDE TRANSITION TO UNDISTURBED GRADE

UNDISTURBED GRADE EXCAVATE ONLY TO SPECIFIED PLANTING DEPTH TO ENSURE STABLE BASE

DECIDUOUS TREE

TOP OF ROOTBALL, ROOT FLARE SHOULD BE EVIDENT. IF ROOT FLARE IS NOT EVIDENT, THEN SCRAPE OFF THE TOP LAYER OF SOIL BUILD UP ON TOP OF ROOTBALL FROM NURSERY.

2" HEMLOCK BARK MULCH

REMOVE TOP HALF OF WIRE CAGE CUT AND REMOVE BURLAP FROM ROOTBALL

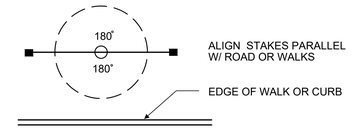
BACKFILL MIX FOR TREE PLANTING BEDS, REFER TO SOIL PREPARATION SPECIFICATION

FINISH GRADE

NOTE:
1. ALL TREE PLANTING BEDS ARE TO BE CONTINUOUS, COMPLETELY DUG OUT AND BACKFILLED WITH THE PROPER PLANTING BED BACKFILL MATERIAL, REFER TO SOIL PREPARATION SPECIFICATION.

3 TIMES THE DIAMETER OF THE ROOT BALL

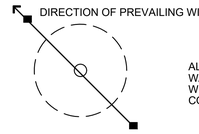
A TREE PLANTING
SCALE 1/4" = 1'-0"



ALIGN STAKES PARALLEL W/ ROAD OR WALKS

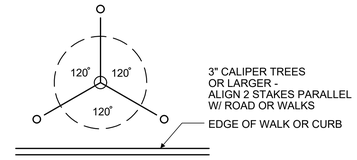
EDGE OF WALK OR CURB

A. TREE STAKING ALONG ROAD OR WALKS



ALIGN STAKES PARALLEL W/ DIRECTION OF PREVAILING WIND. ALL STAKES TO BE CONSISTENT.

B. TREE STAKING IN OPEN SPACES



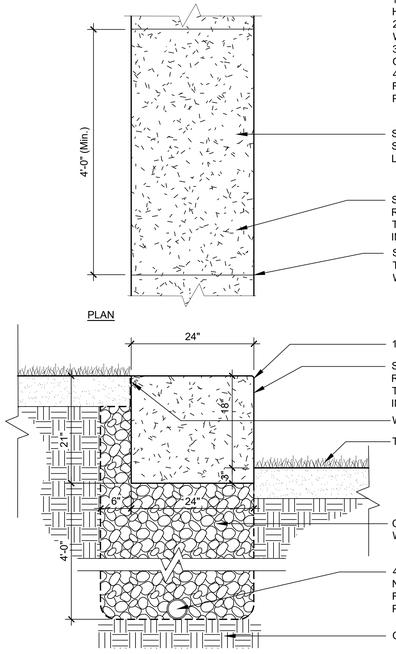
3" CALIPER TREES OR LARGER - ALIGN 2 STAKES PARALLEL W/ ROAD OR WALKS

EDGE OF WALK OR CURB

C. TREE GUYING

B TREE STAKING LAYOUT
NO SCALE

p-stake.dwg



NOTES:
1. REFER TO LANDSCAPE LAYOUT DRAWINGS FOR HORIZONTAL LAYOUT INFORMATION
2. COORDINATE FINISHED GRADES WITH LANDSCAPE AND CIVIL ENGINEER'S DRAWINGS.
3. DRILL MARKS ARE NOT ACCEPTABLE ON ANY FACE OF STONE MATERIAL
4. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO FABRICATION.

STONE SEAT WALL IS CURVED, STONE SECTIONS SHALL BE CUT TO PROPER RADIUS, REFER TO LANDSCAPE LAYOUT PLANS

STONE SEAT WALL
REFER TO SPECIFICATIONS
THERMAL FINISH ON ALL EXPOSED FACES, INSIDE FACES CAN BE A SAWN FINISH.

STONE SECTIONS SHOULD FIT TOGETHER VERY TIGHTLY WITH A MAX JOINT OF 1/8".

1/2" RADIUS ON SEAT WALL NOSING

STONE SEAT WALL,
REFER TO SPECIFICATIONS
THERMAL FINISH ON ALL EXPOSED FACES,
INSIDE FACES AND BOTTOM CAN BE A SAWN FINISH.

WRAP FABRIC BEHIND WALL

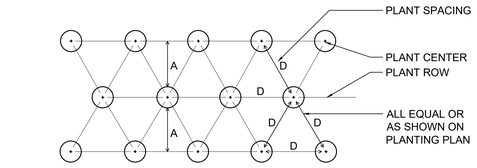
TOPSOIL AND LAWN

COMPACTED CRUSHED GRAVEL WRAPPED IN MIRAFI 500X FILTER FABRIC

4" DIA. PERFORATED PIPE WRAPPED IN NONWOVEN GEOTEXTILE FABRIC, REFER TO CIVIL DRAWINGS
PROVIDE MIN. 1% PITCH FOR DRAINAGE

COMPACTED SUB-BASE

E STONE SEAT WALL - AMPHITHEATER (BID ALTERNATE)
SCALE 1" = 1'-0"



PLANT SPACING

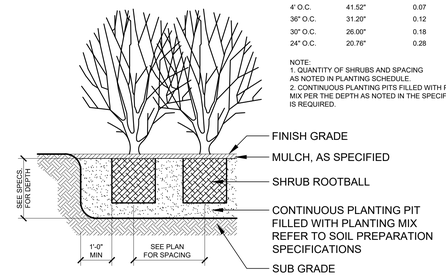
PLANT CENTER

PLANT ROW

ALL EQUAL OR AS SHOWN ON PLANTING PLAN

SPACING "D"	ROW "A"	NUMBER OF PLANTS/SQ. FT.
5' O.C.	51.96"	0.04
4' O.C.	41.52"	0.07
36" O.C.	31.20"	0.12
30" O.C.	26.00"	0.18
24" O.C.	20.76"	0.28

NOTE:
1. QUANTITY OF SHRUBS AND SPACING AS NOTED IN PLANTING SCHEDULE.
2. CONTINUOUS PLANTING PITS FILLED WITH PLANTING MIX PER THE DEPTH AS NOTED IN THE SPECIFICATIONS IS REQUIRED.



FINISH GRADE

MULCH, AS SPECIFIED

SHRUB ROOTBALL

CONTINUOUS PLANTING PIT FILLED WITH PLANTING MIX REFER TO SOIL PREPARATION SPECIFICATIONS

SUB GRADE

C SHRUB PLANTING
SCALE: 1/2" = 1'-0"

CIVIL ENGINEER
CIVIL ENGINEERING ASSOCIATES, INC.
10 MANSFIELD VIEW LANE, SOUTH BURLINGTON, VT 05403
P: 802-864-2203 FAX: 802-864-3311 web: www.cea-vt.com

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209 FLYNN AVE SUITE 2H
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LANDSCAPE ARCHITECT
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Winooski, VT 05404

BURLINGTON HIGH SCHOOL & BURLINGTON TECHNICAL CENTER

BID SET
FEBRUARY 25, 2026

52 INSTITUTE ROAD,
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JRD/MKW	MKW

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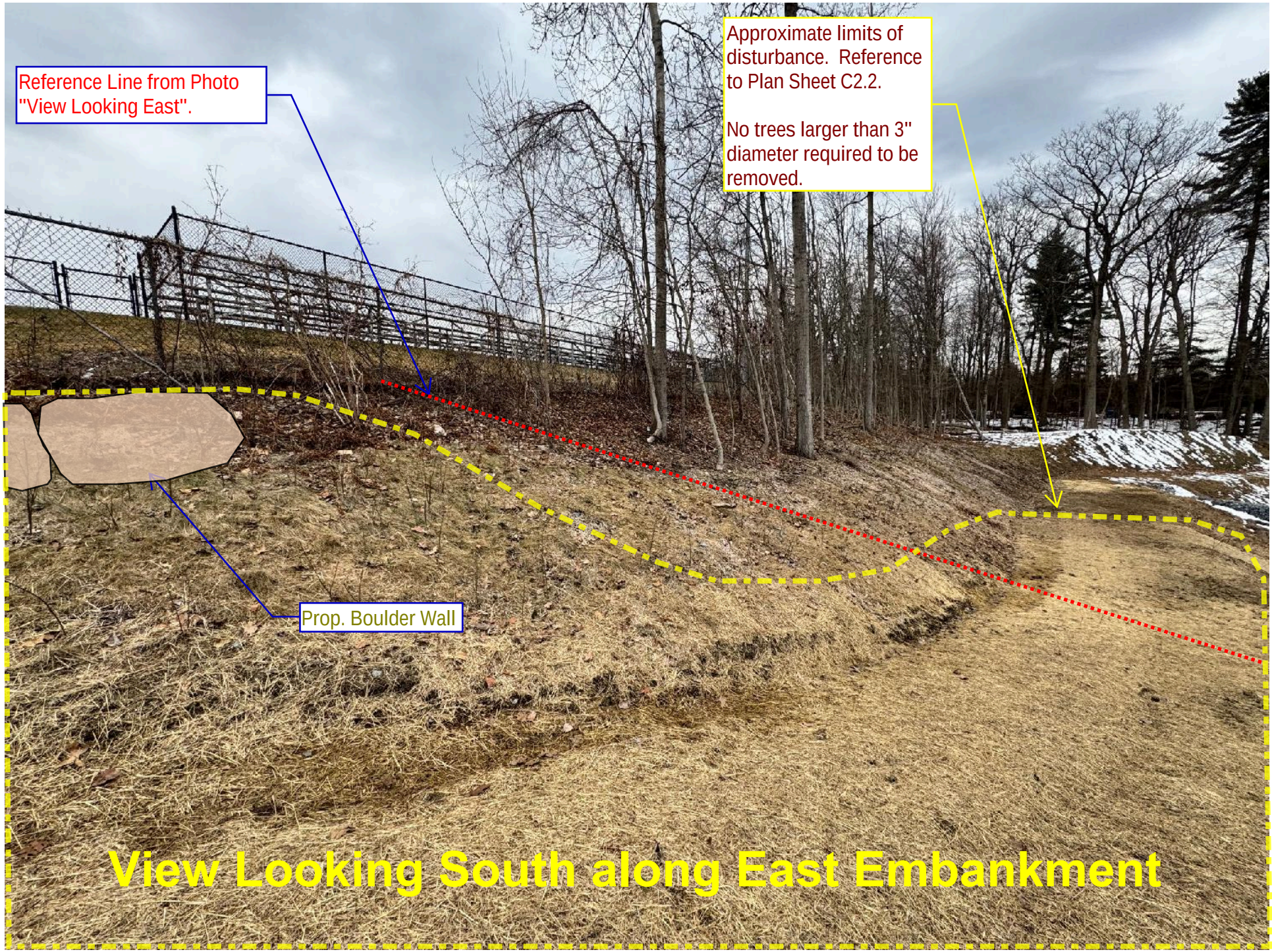
SHEET CONTENTS:
LANDSCAPE DETAILS

SHEET NO:
L-200


Reference Line from Photo "View Looking East".
Approximate limits of disturbance. Reference to Plan Sheet C2.2.
No trees larger than 3" diameter required to be removed.
Prop. Boulder Wall
View Looking South along East Embankment


Reference Line
Prop. Boulder Wall
Approximate limits of disturbance. Reference to Plan Sheet C2.2.
No trees larger than 3" diameter required to be removed.
View Looking East

Department of Permitting & Inspections
Zoning Division
645 Pine Street
Burlington, VT 05401
Telephone:(802) 865-7188

William Ward, Director
Scott Gustin, AICP, CFM, Principal Planner
Mary O'Neil, AICP, Principal Planner
Kirk Dressing, Associate Planner
Joseph Cava, Planning Technician
Collin Naheedy, Code Compliance Officer

TO: Development Review Board
FROM: Scott Gustin
DATE: April 21, 2026
RE: ZP-26-100; 43 Front Street
==========

Note: These are staff comments only; decisions on projects are made by the Development Review Board, which may approve, deny, table or modify any project. THE APPLICANT OR REPRESENTATIVE MUST ATTEND THE MEETING.

Zone: RM Ward: 3

Owner/Applicant: Emily Stone / Jamie Hart

Request: Variance request for exemption to rear yard setback requirement for the construction of an addition.

Applicable Regulations:
Article 12 (Appeals and Variances)

Background Information:
The applicant submitted a zoning application for a rear addition to the existing single family home in January 2026. Upon review of the application by zoning staff, the applicant was made aware of a problem with the rear yard setback. Specifically, part of the rear addition encroached into the minimum required 15' rear yard setback. The rear property line runs at an angle. The lot is deeper on the north end than the south end. The proposed addition is compliant at the north end but encroaches into the 15' rear yard setback further south.

Rather than revise the application, the applicant requested a variance to allow for encroachment into the minimum required rear yard setback. The application for the addition has been placed on hold pending the outcome of this variance application.

Recommendation: **Variance denial** as per, and subject to, the following findings:

I. Findings
Article 12: Variances and Appeals
Sec. 12.1.1 Variances
(a) That there are unique physical circumstances or conditions, including irregularity, narrowness, or shallowness of lot size or shape, or exceptional topographical or other physical conditions peculiar to the particular property, and that unnecessary hardship is due to such conditions, and not the circumstances or conditions generally created by the provisions of the zoning regulation in the neighborhood or district in which the property is located.

There are no unique physical characteristics of the lot dimensions or topography. It is an approximately rectangular lot with a modest angle to the rear boundary. Other neighborhood lots

have more irregularity. The property is basically flat and is already developed with a compliant single family home. The applicant requests the variance for a proposed rear addition. **(Adverse finding)**

(b) That because of such physical circumstances or conditions, there is no possibility that the property can be developed in strict conformity with the provisions of the zoning regulation and that the authorization of a variance is, therefore, necessary to enable the reasonable use of property.

There are no physical circumstances or conditions that prevent development of the property in conformity with the zoning code. As noted above, the property has been developed with a compliant single family home. A reconfigured rear addition could be built in compliance with the zoning regulations. **(Adverse finding)**

(c) The unnecessary hardship has not been created by the applicant.

The request for a variance is driven by the applicant's desire to build a rear addition as presently proposed. **(Adverse finding)**

(d) That the variance, if authorized, will not alter the essential character of the neighborhood or district in which the property is located, substantially or permanently impair the appropriate use or development of adjacent property, reduce access to renewable energy resources, nor be detrimental to the public welfare.

The variance, if authorized, would enable a rear addition spanning the full width of the existing residence. It would not alter the essential character of this residential neighborhood or district, nor would it reduce access to renewable energy or be detrimental to the public welfare. **(Affirmative finding)**

(e) That the variance, if authorized, will represent the minimum variance that will afford relief and will represent the least deviation possible from the zoning regulation and from the plan.

The requested variance would enable up to ~3' encroachment into the minimum required rear yard setback. This encroachment is significant. As to the minimum necessary, no variance is necessary for this property to comply with the zoning standards. **(Adverse finding)**

(f) The variance, if granted, will not result in the extension of a non-complying situation or allow the initiation of a nonconforming use of land.

If granted, the variance would result in a plainly nonconforming encroachment into the rear yard setback. It would not result in a nonconforming land use. **(Adverse finding)**

II. Reasons for Denial

1. Per the adverse findings above.

Variance Criteria

A) The property is subject to physical constraints related to the configuration of the lot and the location of the existing structure. The south end of Front Street approaches North Ave in such a way as to create a collection of lots that get increasingly shallow. The lot in question is substantially shortened as a result.

B) Because of these physical constraints, the property cannot reasonably accommodate the proposed improvement in full compliance with the rear setback requirement. The rear property line cuts across at an angle and depth that prevents even a modest addition.

C) The hardship associated with this request was not created by the property owner. It results from the existing configuration of the lot and the placement of the existing structure.

D) The requested variance will not alter the essential character of the neighborhood or impair the use or development of adjacent properties. Adjacent properties have also built within the rear setback. This project would be similar in nature.

E) The requested variance represents the minimum relief necessary to allow the proposed improvement. The design was made to limit the extent of encroachment into the rear setback to only a small portion of the proposed addition.

F) Granting the variance will not result in the extension of a non-complying situation or the creation of a nonconforming use. The property will continue to be used as a single-family residence. The request applies only to the rear setback requirement.

EXISTING COVERAGE		PROPOSED COVERAGE	
HOUSE	844	HOUSE	844
SHED	115	SHED	115
DRIVEWAY	250	DRIVEWAY	250
WALKWAY	120	WALKWAY	120
PORCHES	151.25	PORCHES	151.25
TOTAL	1480.25	ADDITION	208
		TOTAL	1688.25
1480.25/3369 = 43.9%		1688.25/3369 = 50.1%	

1 SITE PLAN
SCALE:1/8"=1'-0"

DRAFT VERSION NOT FOR CONSTRUCTION

HILLVIEW DESIGN COLLABORATIVE
65 HUNTINGTON ROAD, SUITE 101
RICHMOND, VERMONT
DESIGN CONTACT : JAMIE HART AIA
JAMIE@HILLVIEWDESIGN.COM : PHONE: 802.363.0402

FRONT STREET

1 SITE PLAN
SCALE:1"=20'

N

DRAFT VERSION NOT FOR CONSTRUCTION

HILLVIEW DESIGN COLLABORATIVE
65 HUNTINGTON ROAD, SUITE 101
RICHMOND, VERMONT

DESIGN CONTACT : JAMIE HART AIA
JAMIE@HILLVIEWDESIGN.COM : PHONE: 802.363.0402

EMILY STONE : 43 FRONT STREET, BURLINGTON

SETBACKS

2 NORTHWEST PERSPECTIVE
NOT TO SCALE

1 WEST ELEVATION
SCALE:1/4"=1'-0"

DRAFT VERSION NOT FOR CONSTRUCTION

HILLVIEW DESIGN COLLABORATIVE
65 HUNTINGTON ROAD, SUITE 101
RICHMOND, VERMONT

DESIGN CONTACT : JAMIE HART AIA
JAMIE@HILLVIEWDESIGN.COM : PHONE: 802.363.0402

EMILY STONE : 43 FRONT STREET, BURLINGTON

WEST ELEVATION

Department of Permitting and Inspections
Zoning Division
645 Pine Street
Burlington, VT 05401
https://www.burlingtonvt.gov/439/Zoning-Division
Telephone: 802.865-7188
802.865.7195 (Fax)

William Ward, Director
Scott Gustin, AICP, CFM, Principal Planner
Mary O'Neil, AICP, Principal Planner
Kirk Dressing, Associate Planner
Collin Naheedy, Zoning Compliance Officer
Joseph Cava, Planning Technician

MEMORANDUM

To: Development Review Board
From: Mary O'Neil, AICP, Principal Planner
Date: April 21, 2026
RE: ZP-25-616, ZP-26-128 (99 Intervale Rd); ZP-26-125 (29 Intervale Rd.) ZP-26-127 (128 Intervale Rd); ZP-26-126 (35 Intervale Rd.)

Note: These are staff comments only. Decisions on projects are made by the Development Review Board, which may approve, deny, table or modify any project. THE APPLICANT OR REPRESENTATIVE MUST ATTEND THE MEETING.

File: ZP-25-616, ZP-26-128 (99 Intervale Rd); ZP-26-125 (29 Intervale Rd.) ZP-26-127 (128 Intervale Rd); ZP-26-126 (35 Intervale Rd.)
Zone: E-LM, E-APE **Ward**: 2
Applicant/ Owner: Julia Ursaki, City of Burlington/ Roger and Patricia Charlebois / Gardens Alive Inc./ Queen City Iron Metal Co. Inc.
Request: Ten foot wide shared use path along Intervale Road. Includes:

- Proposed boundary lot line adjustment for 99 Intervale Road to secure the property rights;
- Construction of a retaining wall (29 and 35 Intervale Rd.)
- Installation of swale and pipe to improve drainage. (128 Intervale Rd.)

Background:

29 Intervale Rd.

- **ZP-23-292**; Proposed lot line adjustment between 29 Intervale Rd 040-2-086., 525 Riverside Ave 040-2-084., 525 Riverside Ave 040-2-085., and 557 Riverside Ave 040-2-086. July, 2023.
- **ZP**-17-62; Construction of buildings for mini-units and associated site improvements. Stormwater utility installation. April 2017.
- **Zoning Permit 16**-560; Installation of three non illuminated composition signs for Fleet Pride. Application withdrawn.
- **ZP-00-651 / COA 099-019A;** Lot Line adjustment between this industrial parcel and the adjacent Queen City Iron and Metal Company at 35 Intervale Road. June 2000.
- **Zoning Permit 77-77**; construction of a building 60 x 120 for Warehousing Steel. December 1977.

35 Intervale Rd.

- **Zoning Permit 11-0109CA;** Construct a retaining wall and add fill as part of Community Health Center project approved under permit 10-0925CA/MA. **Withdrawn.**

- **Non-Applicability of Zoning Permit Requirements 10-1085NA/** replace siding and windows with like materials. June 2010.
- **Zoning Permit 00-650 / COA 099-019A;** Lot line adjustment between this property and the adjacent parcelat 29 Interval Road. June 2000.
- **Zoning Permit 99-170 / COA 099-019**; construction of a 12,000 sf. Storage building for the existing steel sales and metal recycling facility. September 1998.
- **Zoning Permit 79-431**; construct a 60 x 100 accessory metal building for the additional sales and storage of new and used steel and half of the building to be used for repair of Queen City Metal equipment and vehicles. August 1979.

99 Intervale Rd.

- **Zoning Permit 15-0788CA / ZP-15-48**; modifications to existing parking area to include expansion, concrete bunkers, and fencing. March 2015.
- **Zoning Permit 10-0870CA**; temporary concrete bunker for the warehousing of finished compost product. May 2010. Permit superseded by ZP-15-0788CA.
- **Zoning Permit 06-397CA**; Extension of permit MA02-023 and 02346, barn removed, utilities buried underground. January 2006.
- **Zoning Permit 02-346 / CPA 02-024;** development of a 19,065 sq. ft. industrial building and a 21,170 sq. ft. greenhouse structure. The existing barn will be removed and relocated. On site parking. Lot line adjustment with site to the north included in this permit. February 2002. Permit relinquished.

128 Intervale Rd.

- **Zoning Permit 22-397**: Putting small bathroom in train depot building. Zoning Permit not required. June 2022.
- **Zoning Permit 21-0702CA / ZP-21-159;** install sliding window and door lite. March 2021.
- **Zoning Permit 17-0918CA;** install 27’ wide double swing inward barrier gate in driveway entrance. April 2017.
- **Zoning Permit 16-0687CA;** installation of concrete pad. December 2015.
- **Zoning Permit 16-0535CA**; add metal shed roof over existing flat roof on north one-story section of building. November 2015.
- **Zoning Permit 14-0141CA**; install new rooftop HVAC unit. August 2013.
- **Zoning Permit 11-0759FC**; remove existing fence and replace with new sections of same style in different location. April 2011.
- **Zoning Permit 09-314FC**; install cedar paddle rail fence in addition to fence approved under permit 08-821FC. October 2008.
- **Zoning Permit 05-025CA**; redesign and construction of entrance driveway and landscaping plan. See COA 98-016D. November 2004.
- **Zoning Permit 04-592**; installation of a paved basketball court that includes a storm drain, game lines and a basketball hoop. May 2004.

- Zoning Permit 04-329 / COA 98-016e; amendment to COA 98-16d to extend turn around into the RCO zone; **Denied** by the DRB.
- **Zoning Permit 04-022 / MA-2003-047**; conversion of Gardener's Supply warehouse space to office, interior office space addition, reconfiguration of entrance drive, additional parking. Review under Major Impact review for site work and additional parking to facilitate the change of use from warehouse into office space. July 2003.
- **Zoning Permit 00-347**; installation of two windows in front façade, second story to match existing. February 2000.
- **Zoning Permit 00-192 / COA 098-016B**; extend existing retail entry past the greenhouse and construct an entrance gate to the garden area. Relocation of the sign, replacement of a fan unit with a window. October 1999.
- **Zoning Permit 98-610**; front entry and canopy amendments. Sign on the entrance, landscaping improvements. June 1998.
- **Zoning Permit 98-239 / ZOA 098-016/ MA-98-020**; conversion of existing warehouse space into expanded retail and associated exterior and site improvements including expanding the parking lot by 25 spaces. Major Impact review; property adjacent to natural area of local significance. October 1997.
- **Zoning Permit 97-231**; construction of a 26' x 18' wooden platform to display gardening related tools and accessories as well as a demonstration model of a 7' x 16' greenhouse. December 1996.
- **Non-applicability of Zoning Permit Requirements**; utilize existing train depot building as farm stand. Accepted Agricultural Practice Rules, 12.23.94, 4495 2.06 E. exemption. March 1996.

Overview:
The Intervale Road Path project will construct a new, 10-foot shared use path on the west side of Intervale Road, from Riverside Avenue to the Intervale Center. This project is being led by the City of Burlington Department of Public Works (DPW) and is funded through the Vermont Agency of Transportation (VTrans) Bicycle and Pedestrian grant program, along with the City's local match funds. A dedicated bicycle and pedestrian facility along Intervale Road connecting Riverside Avenue to the Intervale's farms, trails, businesses and events has long been a goal of the city.
Improvement to the corridor was called out in both the 2011 Transportation Plan and the more recent 2017 planBTV Walk/Bike.
The City CEDO department owns the parcel at 99 Intervale Road. The public right-of-way is narrow in this section of Intervale Road and the proposed path will go beyond the public right-of-way and onto the current 99 Intervale parcel. DPW needs to secure the property rights for the entire path as part of the VTrans right-of-way clearance process. CEDO has long been in discussions with the Intervale Center to sell them the 99 Intervale Rd parcel to build a food hub. Because a sale of this parcel is likely in the future, DPW is pursuing this lot line adjustment to secure ownership of the land where the path will be installed, maintained, and used by the public long-term. The lot line adjustment will also include land where a retaining wall will be built to

make room for the path. **As the proposed retaining wall is within 2' of a property line, DRB review is required.**
Companion applications for 29 Intervale, 35 Intervale and 128 Intervale are included to supplement the overall application package and reflect site and drainage work associated with the shared use path project.

Recommended motion: Boundary line adjustment (BLA) and Certificate of Appropriateness Consent Approval, per the following Findings and Conditions:

I. Findings

Article 4: Zoning Maps and Districts
Sec. 4.4.3 Enterprise Districts
***(a) Purpose**:*
The two Enterprise districts as illustrated in Map 4.4.3-1 are described as follows:
***1. The Light Manufacturing (E-LM)** district is the traditional commercial/industrial center of Burlington, and is intended primarily to accommodate enterprises engaged in the manufacturing, processing, distribution, design, creating, repairing, or assembling of physical and digital goods, merchandise, equipment, or art. This district is primarily intended to provide for various industrial and commercial uses, with specific provisions and limits intended to preserve and enhance areas of varied character throughout district. In some locations, commercial and residential uses are allowed to support the wide range of services and employment opportunities desired in the district, and support adjacent areas of residential development. Development is intended to respect interspersed historic industrial buildings, and reflect the industrial aesthetic of the district's past. Parking is intended to be hidden within, behind, or to the side of structures. This district includes the SEID overlay which is intended to facilitate the redevelopment of a central portion of the E-LM into a walkable, mixed-use innovation district.*
***2. The Agricultural Processing and Energy (E-AE)** district is intended primarily to accommodate enterprises engaged in the manufacturing, processing, and distribution of agricultural goods and products, and those related to the generation of energy from renewable sources. This district is intended to serve as a community of manufacturing and service businesses that work together to improve their environmental and economic performance. By working together, they will reduce the use of raw materials, reduce outputs of waste, conserve energy and water resources, and reduce transportation requirements. Businesses with this district are encouraged to build linkages between themselves to coordinate the flows of energy and materials for maximum efficiency. Development should be designed with close attention paid to the principles of sustainable development and green building technologies. Parking is intended to be hidden within, behind, or to the side of primary structures.*

29 Intervale Road and 35 Intervale Road are within the E-LM Zoning District.
99 Intervale Road and 128 Intervale Road are within the E-AE District.
Uses on the parcels are not proposed to change. The entire project is to facilitate the creation of a shared-use path along the west side of Intervale Road. Project development will include ancillary site impacts such as stormwater and drainage improvements, retaining walls, and

storage bunker relocation. The Purpose standards are satisfied with creating "a walkable, mixed use innovation district." **Affirmative finding.**

(b) Dimensional Standards and Density

The density and intensity of development, dimensions of building lots, the heights of buildings and their setbacks from property boundary lines, and the limits on lot coverage shall be governed by the following standards:

Table 4.4.3 -1 Dimensional Standards and Density

Districts	Max. Intensity (floor area ratio[1, 4])	Max. Lot Coverage[1, 4]	Minimum Building Setbacks[1, 4] (feet) Front	Side	Rear[3]	Max. Height[1, 4] (feet)
Light Manufacturing	2.0 FAR	80%	5 min	0[2]	10%[2]	45'
Agricultural Processing and Energy	0.75 FAR	60%	10 min	10 min	10 min	45'

1 – Floor area ratio is further described in Art 5. Measurement of and exceptions to coverage, setback, and height standards are found in Art 5. Actual maximum build out potential may be reduced by site plan and architectural design considerations of Art 6.
2 – Structures shall be setback a minimum of 25-feet along any zoning district boundary line that abuts a residential zoning district. Lots of record existing as of September 9, 2015 that are split by enterprise and residential zones are exempt from this district boundary setback.
3 – Percentage of the lot depth.
4 – Maximum intensity, lot coverage, setbacks and building height in portions of the E-LM district are modified by provisions of the South End Innovation District overlay (SEID) in Sec. 4.5.6.

Only 99 Intervale will see a change in lot coverage, associated with the boundary line adjustment. 4906 sq. ft. will be dedicated to the expanded right-of-way. With the ceiling allowance of 80% in E-LM, compliance with lot coverage is assured. The revised survey plan indicates 6.5% lot coverage after the boundary line adjustment.
The relocation of the soil storage bunker will be a net wash.
Affirmative finding.

(c) Permitted and Conditional Uses:

No changes are proposed to the existing uses. Not applicable.

(d) District Specific Regulations:

1. Convenience Stores.

Not applicable.

2. Drive Thrus are not permitted.

No drive throughs are proposed. **Affirmative finding.**

<u>Article 5: Citywide General Regulations</u>

Section 5.4.8 Historic Buildings and Sites

Sec. 5.2.1 Reserved

Sec. 5.2.2 Required Frontage or Access

All properties are pre-existing lots and have frontage and access onto Intervale Road. **Affirmative finding.**

Sec. 5.2.3 Lot Coverage Requirements

See Table 4.4.3-1, above.

(b) Exceptions to Lot Coverage:

In all districts, the following shall not be counted as lot coverage:

1. *Lawns, gardens and unpaved landscaped areas;*
2. ***Drainage ways;***
3. *Open play structure without roofs, sand boxes, or swings, not located on a paved surface;*
4. *Fountains;*
5. *Swimming pools (Note: aprons, decks and walks adjacent to swimming pools shall be considered as lot coverage);*
6. *Fences;*
7. *Retaining walls less than eighteen (18) inches in width across the top surface; if eighteen(18) inches or greater, the entire top surface shall be considered as lot coverage; and,*
8. *Ramps for the disabled, for which the sole purpose is to provide access for the disabled, and which have no more than the minimum dimensions required to meet accessibility standards.*
9. *For the purposes of lot coverage calculations, at-grade green roofs shall be counted as open space, and above-grade green roofs shall be counted as lot coverage. Partially at-grade green roofs shall be counted as lot coverage as follows:*
    - *i. Intensive green roofs will be counted at 50% lot coverage of their total roof area.*
    - *ii. Extensive green roofs will be counted at 75% lot coverage of their total roof area.*
    - *iii. Walkways, equipment, and other un-vegetated areas within the green roof shall not receive lot coverage credit.*
    - *iv. These lot coverage exceptions are contingent on continued maintenance and functionality of the green roof.*

The swale and pipe drainage included on the 128 Intervale Road parcel will not contribute to lot coverage. **Affirmative finding.**

(b) Steep Slopes Overlay District

This overlay district consists of all lands delineated in Map 5.2.4-1 – Steep Slopes Overlay District. This overlay district contains expanses of contiguous land with an average slope of 15% or greater over 50-foot intervals and adjacent lands within 50 feet of the top of slope.

Sec. 5.2.4 Buildable Area Calculation & Steep Slopes Overlay District

The intent of this section is to:

- To protect sensitive natural features;
- To prevent overdevelopment of properties that contain sensitive and unbuildable areas, and
- To minimize the potential for erosion, slope failure, and contamination of surface waters caused by the adverse effects of development on steep slopes, and
- To ensure that new development fits within the existing scale and intensity of the surrounding neighborhood.

(a)Buildable Area Calculation

For any properties two (2) or more acres in size within any RCO, RM, or RL zoning district, the maximum building density or lot coverage shall be calculated using the buildable area only. Buildable area shall be deemed to include only those portions of a property that are not inundated at least six months per year by water including streams, ponds, lakes, wetlands and other bodies of water; and lands with a slope in excess of 30%.

Buildable Area calculations do not apply to properties in the E-LM or E-AE zoning districts. Not applicable.

(b) Steep Slopes

The area of the proposed shared use path does not fall within the mapped Steep Slopes Overlay. **Affirmative finding.**

Sec. 5.2.5 Setbacks

See Table 4.4.3-1, above.

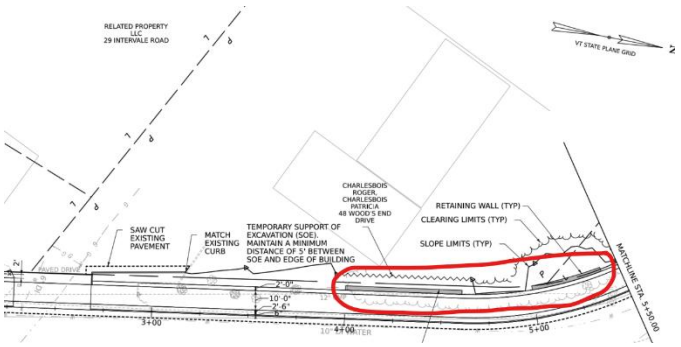
(b) Exceptions to Yard Setback Requirements

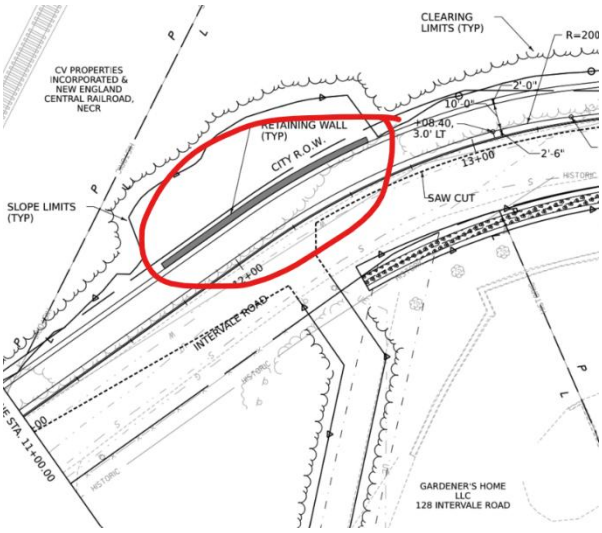
3. Retaining Walls.

Retaining walls no greater than 5' tall may project into a required yard setback, but retaining walls should be set back a minimum of 2' from a property boundary. Retaining walls projecting into a required a required setback and exceed 5' tall and/or come within 2' of a property boundary shall be subject to Development Review Board review per Article 6.

Retaining walls are proposed in two places along the proposed Shared Use path: on the 29 Intervale Road parcel, and the 99 Intervale Road parcel. They will project into a required setback (5' front yard setback required) and fall within 2' of a property boundary line. They are deemed necessary to accommodate the Shared Use Path. Reference is made to submission plans.

Affirmative finding with DRB concurrence.





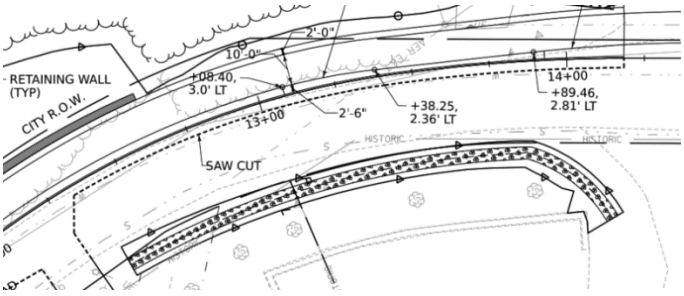
Section 5.2.6 Building Height Limits
Not applicable.

Section 5.2.7 Density Calculations
Not applicable.

<u>Article 6: Development Review Standards</u>
Part 1: Land Division Design Standards
Although the application includes a boundary line adjustment, no new parcels are created by the action. Per **Section 10.1.5 Lot Line Adjustments**, *A lot line adjustment shall not constitute a subdivision.* Not applicable.

Part 2: Site Plan Design Standards
Sec. 6.2.2 Review Standards

(a) Protection of Important Natural Features:
Some clearing will be included immediately adjacent to the Shared Use path. The swale and drainage proposed for 128 Intervale will include plantings. **Affirmative finding.**



(b) Topographical Alterations:
Creation of the path minimizes site disturbance to accommodate the new feature. **Affirmative finding.**

(c) Protection of Important Public Views:

There are no protected public views from these parcels. Not applicable.

(d) Protection of Important Cultural Resources:

The design of the Shared Use Path purposefully avoided sensitive archaeological areas while in the planning phase. **Affirmative finding.**

(e) Supporting the Use of Renewable Energy Resources:

No part of the application precludes the use of wind, water, solar, geothermal or other renewable energy resource. **Affirmative finding.**

(f) Brownfield Sites:

The Shared Use path will not impact any brownfield sites. **Affirmative finding.**

(g) Provide for nature's events:

Included within this plan is attention to stormwater and drainage systems. **Affirmative finding.**

(h) Building Location and Orientation:

No buildings are proposed. Not applicable.

(i) Vehicular Access:

No changes are proposed for vehicular access. Not applicable.

(j) Pedestrian Access:

The intent of the project is to safely enhance pedestrian and alternative transportation mobility. **Affirmative finding.**

(k) Accessibility for the Handicapped:

ADA jurisdiction is under the building officials' review.

(l) Parking and Circulation:

Not applicable.

(m) Landscaping, Fences and Retaining Walls:

Fences shall be adjusted (corner of Riverside and Intervale) and added (see plan p. 9 and 21: Ornamental 4' fence.) The addition of fencing is a preventative measure to keep pedestrians away from the railroad crossing. **Affirmative finding.**

(n) Public Plazas and Open Space:

Not applicable.

(o)Outdoor Lighting:

Burlington Electric is responsible for removing existing lights and fixtures and installing new lights and fixtures in the expanded right-of-way. See p. 4. **Affirmative finding.**

(p) Integrate infrastructure into the design:

Not applicable.

Part 3: Architectural Design Standards
Not applicable.

Article 10: Subdivision Review
Section 10.1.5 Lot Line Adjustments

(a) Lot Line Submission Requirements

An applicant requesting review of a lot line adjustment shall submit the following documentation to the administrative officer:

(1) A complete application form pursuant to the provisions of Art. 3 and signed by the property owner;

Received.

(2) A letter requesting review and approval of a lot line adjustment, giving the names and address of property owners;

Received of all involved property owners.

(3) The applicable application fee;

Received.

and,

(4) One digital or electronic copy of a lot line adjustment plat which shall include the following:

The plat shall be prepared by a Vermont licensed land surveyor and indicate all lots that are proposed to be modified as a result of the proposed lot line adjustment. The survey shall be sufficient to clearly indicate the area, metes, bounds, and ties of each of the affected lots.

The survey shall include all structures and site improvements and delineate all building/structure setbacks, lot coverage, parking spaces and any other details as may be specified by the Administrative Officer.

The following additional language shall be printed on the plat:

"Approval of this lot line adjustment plat does not constitute the creation of a separate parcel or lot. It adjusts the physical location of the common boundary of the adjoining parcels or lots. This lot line adjustment has been approved by:"

_____

City of Burlington Administrative Officer/ Assistant Administrative Officer

Date: _____Zoning Permit #_____

The request for a boundary line adjustment between the 99 Intervale Road parcel and the City Right-of-Way has included the above documentation and additional language. The City's interests are represented herein by an "Authorization to Accept The Dedication For a Portion of 99 Intervale Road", signed by the Mayor March 24, 2026. See attached document.
Affirmative finding.

(b) Completeness of Submission:
(c) Lot Line Adjustment – Administrative Decision:
While typically a lot line adjustment could be subject to administrative review, the inclusion of retaining walls within required setbacks and within 2' of a property boundary line (29 Intervale Road, 99 Intervale Road) has incurred review by the Development Review Board. See Section 5.2.5 (b) 3, above.

Section 10.1.11 Recording of Final Plats
(b) Recording within 180-days
The final plat, endorsement by the DRB and all associated documents, shall be recorded in the office of the chief administrative officer within 180 days of the DRB's approval of the final plat. Failure to file all such materials within 180 days of the decision shall render the final plat approval void. In the case of an appeal of the DRB's approval of the final plat, or where additional state or federal permits may be required, the filing deadline shall be within 180 days of the final action or adjudication.
Upon written request, the administrative officer may extend the date for filing the plat by an additional 90 days. The plat to be filed with the chief administrative officer shall comply with the requirements of 27 V.S.A. Chapter 17 and Section 10.1.9 (a)6 of this Article, and shall be drawn in black permanent inks on three (3) to five (5) mil stable-base polyester film (mylar) and 18 inches by 24 inches in dimension. After such filing or recording, the plat shall be part of the City of Burlington Official Map. In addition to the final plat as recorded in the city land records:

1. One copy of the approved plat shall be filed with the building inspector before building permits for structures within the subdivision are made available;
2. One copy of the approved plat shall be filed with the city assessor; and,
3. A digital version of the approved plat shall be filed with the Department of Permitting & Inspections in a format acceptable to the administrative officer.

(c) Plat Void if Revised After Approval:
No changes, erasures, modifications, or revisions shall be made on any subdivision plat after approval has been given by the DRB and endorsed in writing on the plat, unless said plat is first resubmitted to the DRB and the DRB approves any modification. In the event that such subdivision plat is recorded without complying with this requirement, the plat shall be considered null and void and the DRB shall institute proceedings to have the plat stricken from the records of the chief administrative officer. Any person altering or attempting to alter any plat

subsequent to final development review board approval shall be guilty of a misdemeanor and upon conviction thereof shall be subject to a fine not to exceed two hundred dollars ($200.00).
Affirmative finding as conditioned.

II. Conditions of Approval:

1. The final plat of the boundary line adjustment shall be recorded in the office of the chief administrative officer within 180 days of the DRB's approval of the final plat. Failure to file all such materials within 180 days of the decision shall render the final plat approval void.
2. Standard Permit Conditions 1-15.

NOTE: These are staff comments only. The Development Review Board, who may approve, table, modify, or deny projects, makes decisions.

CITY OF BURLINGTON
DEPARTMENT OF PUBLIC WORKS

645 Pine Street, Suite A
Post Office Box 849
Burlington, VT 05402-0849
802.863.9094 VOX
802.863.0466 FAX
802.863.0450 TTY
www.burlingtonvt.gov

Chapin Spencer
DIRECTOR OF PUBLIC WORKS

MEMORANDUM

TO: Joseph Cava, Permit Technician

FROM: Julia Ursaki, Public Works Transportation Engineer

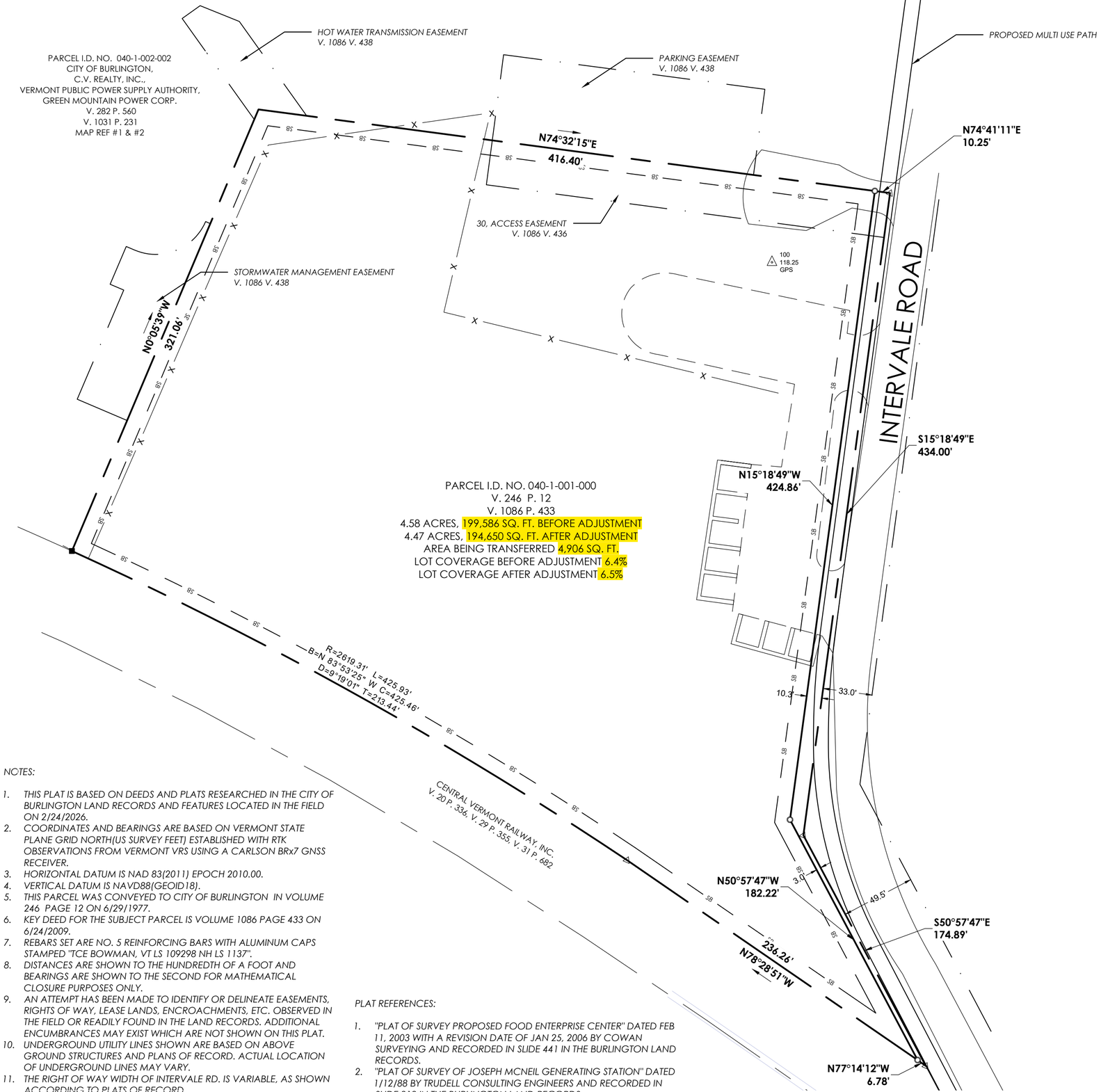
DATE: December 16, 2025

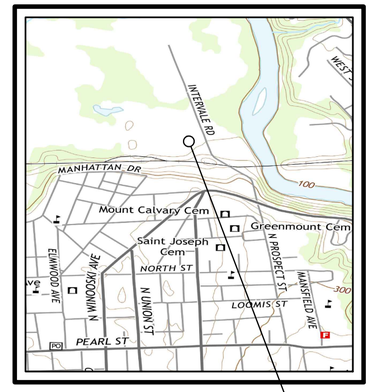
RE: 99 Intervale Rd Lot Line Adjustment for the Intervale Road Path

Project Background

The Intervale Road Path project will construct a new, 10 foot shared use path on the west side of Intervale Road, from Riverside Avenue to the Intervale Center. This project is being led by the City of Burlington Department of Public Works (DPW) and is funded through the Vermont Agency of Transportation (VTrans) Bicycle and Pedestrian grant program, along with the City's local match funds. A dedicated bicycle and pedestrian facility along Intervale Road connecting Riverside Avenue to the Intervale's farms, trails, businesses and events has long been a goal of the City. Improvement to the corridor was called out in both the 2011 Transportation Plan and the more recent 2017 planBTV Walk/Bike.

The City CEDO department owns the parcel at 99 Intervale Road. The public right-of-way is narrow in this section of Intervale Road and the proposed path will go beyond the public right-of-way and onto the current 99 Intervale parcel. DPW needs to secure the property rights for the entire path as part of the VTrans right-of-way clearance process. CEDO has long been in discussions with the Intervale Center to sell them the 99 Intervale Rd parcel to build a food hub. Because a sale of this parcel is likely in the future, DPW is pursuing this lot line adjustment to secure ownership of the land where the path will be installed, maintained, and used by the public long-term. The lot line adjustment will also include land where a retaining wall will be built to make room for the path.





PROJECT LOCATION

LEGEND

- PROPERTY LINE
- PROPOSED PROPERTY LINE
- ADJOINING PROPERTY LINE
- EXISTING FENCE
- EASEMENT
- REBAR (FOUND)
- CONCRETE MONUMENT (FOUND)
- CALCULATED POINT
- REBAR (TO BE SET)

"APPROVAL OF THIS LOT LINE ADJUSTMENT PLAT DOES NOT CONSTITUTE THE CREATION OF A SEPARATE PARCEL OR LOT. IT ADJUSTS THE PHYSICAL LOCATION OF THE COMMON BOUNDARY OF THE ADJOINING PARCELS OR LOTS. THIS LOT LINE ADJUSTMENT HAS BEEN APPROVED BY:

_____
CITY OF BURLINGTON ADMINISTRATIVE OFFICER/ASSISTANT ADMINISTRATIVE OFFICER"

DATE: _____ ZONING PERMIT #_____ "

BURLINGTON CITY CLERK'S OFFICE
RECEIVED FOR RECORD

_____ *A.D. 202_____*
at _____ O'clock _____ minutes _____ m
and recorded in plat hanger # _____
Attest: _____ City Clerk

Graphic Scale

0 20 40 60 80 100 Feet

NOTES:

1. *THIS PLAT IS BASED ON DEEDS AND PLATS RESEARCHED IN THE CITY OF BURLINGTON LAND RECORDS AND FEATURES LOCATED IN THE FIELD ON 2/24/2026.*
2. *COORDINATES AND BEARINGS ARE BASED ON VERMONT STATE PLANE GRID NORTH(US SURVEY FEET) ESTABLISHED WITH RTK OBSERVATIONS FROM VERMONT VRS USING A CARLSON BRx7 GNSS RECEIVER.*
3. *HORIZONTAL DATUM IS NAD 83(2011) EPOCH 2010.00.*
4. *VERTICAL DATUM IS NAVD88(GEOID18).*
5. *THIS PARCEL WAS CONVEYED TO CITY OF BURLINGTON IN VOLUME 246 PAGE 12 ON 6/29/1977.*
6. *KEY DEED FOR THE SUBJECT PARCEL IS VOLUME 1086 PAGE 433 ON 6/24/2009.*
7. *REBARS SET ARE NO. 5 REINFORCING BARS WITH ALUMINUM CAPS STAMPED "TCE BOWMAN, VT LS 109298 NH LS 1137".*
8. *DISTANCES ARE SHOWN TO THE HUNDREDTH OF A FOOT AND BEARINGS ARE SHOWN TO THE SECOND FOR MATHEMATICAL CLOSURE PURPOSES ONLY.*
9. *AN ATTEMPT HAS BEEN MADE TO IDENTIFY OR DELINEATE EASEMENTS, RIGHTS OF WAY, LEASE LANDS, ENCROACHMENTS, ETC. OBSERVED IN THE FIELD OR READILY FOUND IN THE LAND RECORDS. ADDITIONAL ENCUMBRANCES MAY EXIST WHICH ARE NOT SHOWN ON THIS PLAT.*
10. *UNDERGROUND UTILITY LINES SHOWN ARE BASED ON ABOVE GROUND STRUCTURES AND PLANS OF RECORD. ACTUAL LOCATION OF UNDERGROUND LINES MAY VARY.*
11. *THE RIGHT OF WAY WIDTH OF INTERVALE RD. IS VARIABLE, AS SHOWN ACCORDING TO PLATS OF RECORD.*
12. *THIS PARCEL IS IN THE ENTERPRISE - AGRICULTURAL PROCESSING AND ENERGY ZONING DISTRICT. ALL SETBACKS IN THIS DISTRICT ARE 10 FEET. THIS INFORMATION RECOVERED FROM THE CITY OF BURLINGTON ZONING DOCUMENTS LOCATED ON THE CITY OF BURLINGTON'S WEB SITE ON 2/25/2026.*

PLAT REFERENCES:

1. *"PLAT OF SURVEY PROPOSED FOOD ENTERPRISE CENTER" DATED FEB 11, 2003 WITH A REVISION DATE OF JAN 25, 2006 BY COWAN SURVEYING AND RECORDED IN SLIDE 441 IN THE BURLINGTON LAND RECORDS.*
2. *"PLAT OF SURVEY OF JOSEPH MCNEIL GENERATING STATION" DATED 1/12/88 BY TRUDELL CONSULTING ENGINEERS AND RECORDED IN SLIDE 218 IN THE BURLINGTON LAND RECORDS.*
3. *"CITY OF BURLINGTON SITE BOUNDARIES FOR RESOURCE RECOVERY FACILITY" DATED FEB 1982 BY WL ROWLEY AND RECORDED IN SLIDE 125 IN THE BURLINGTON LAND RECORDS.*

Revisions

#	Description	Date	By

Boundary Line Adjustment and Right of Way Widening Plat

City of Burlington

040-1-001-000
Intervale Road
Burlington, VT

Date:	2/20/2026	Drawn By:	GMS	Project #:	25-254
Scale:	1" = 50'	Surveyed By:	GMS	Field Bk:	####

V-1

THIS PLAT IS BASED ON A FIELD SURVEY WHICH MEETS OR EXCEEDS THE MINIMUM STANDARDS AS SET FORTH BY THE VERMONT BOARD OF LAND SURVEYORS. FIELD EVIDENCE, PERTINENT RECORD INFORMATION, AND PAROLE EVIDENCE WAS USED IN THE CALCULATION AND DETERMINATION OF THE BOUNDARIES SHOWN ON THIS PLAT. ANY INCONSISTENCIES ARE SHOWN HEREON TO THE BEST OF MY KNOWLEDGE. THIS PLAT MEETS THE REQUIREMENTS OF 27 VSA 1403.

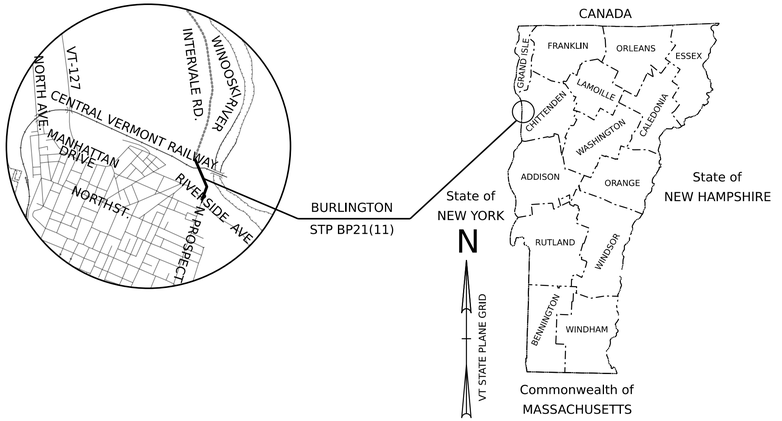
GERALD M. STOCKMAN, L.S. #109298_____

STATE OF VERMONT
GERALD M. STOCKMAN
No. 109298
LICENSED LAND SURVEYOR

Bowman
478 BLAIR PARK ROAD
WILLISTON, VERMONT 05495
802 879 6331
WWW.BOWMAN.COM

This plat was created using pigment based ink on stable media

CITY OF BURLINGTON
COUNTY OF CHITTENDEN

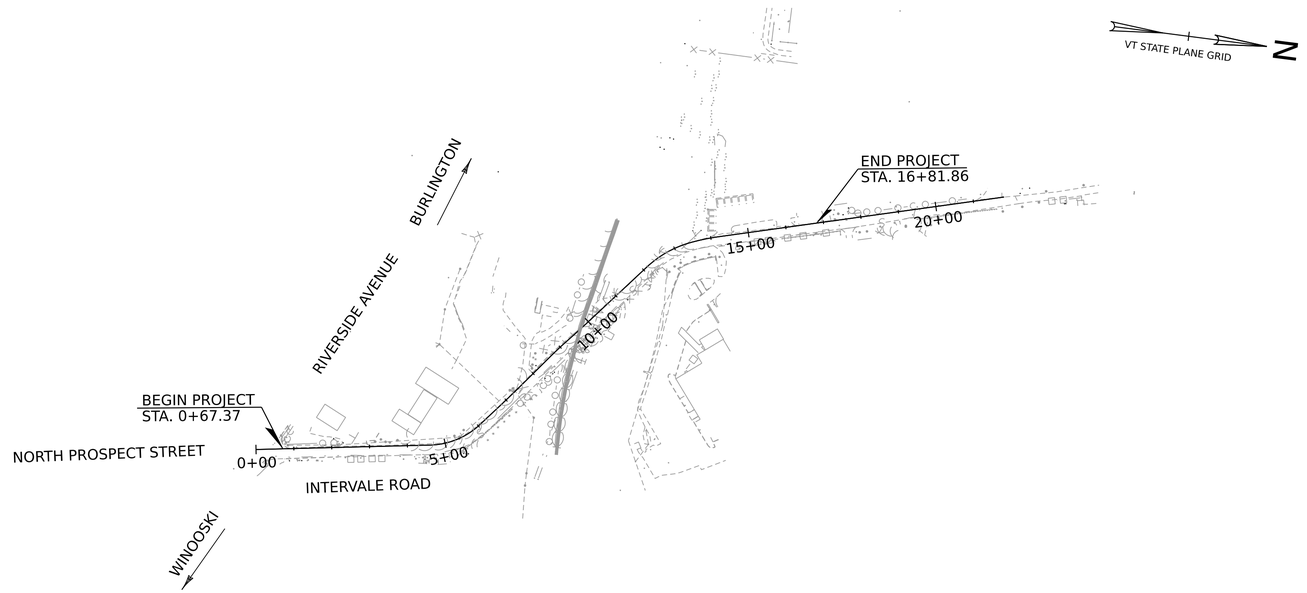


PROPOSED IMPROVEMENT
INTERVALE ROAD PATH
STP BP21(11)

PROJECT LOCATION: BEGINNING AT THE INTERSECTION OF RIVERSIDE AVENUE AND INTERVALE ROAD/NORTH PROSPECT STREET AND CONTINUING NORTH APPROXIMATELY 1680 FEET ALONG INTERVALE ROAD.

PROJECT DESCRIPTION: WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE CONSTRUCTION OF A MULTI-USE PATH, INSTALLATION OF CURB, PAVEMENT MARKINGS, LIGHTING, SIGNS, RETAINING WALLS, DRAINAGE INFRASTRUCTURE, LANDSCAPING, AND OTHER INCIDENTAL ITEMS.

LENGTH OF PROJECT: 1616 FEET (0.306 MILES)



SCALE 1" = 100'-0"

100 0 100

DRAFT INTERIM SUBMISSION FOR RR REVIEW

REVISED PRELIMINARY PLANS
JANUARY 2026

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2024, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 27, 2023 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

QUALITY ASSURANCE PROGRAM : LEVEL 3

SURVEYED BY : VHB
SURVEYED DATE : 2022

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (2011)

PROJECT MANAGER : D.A. GINGRAS

PROJECT NAME : BURLINGTON
PROJECT NUMBER : STP BP21(11)

SHEET 1 OF 69 SHEETS

INDEX OF SHEETS

VTRANS STANDARDS

A-78	SHARED USE PATH TYPICAL	04-07-2020
B-71A	STANDARD FOR RESIDENTIAL DRIVES	04-07-2020
B-71B	STANDARD FOR COMMERCIAL DRIVES	04-07-2020
C-2A	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES WITH SIDEWALK ADJACENT TO CURB	10-14-2005
C-2B	PORTLAND CEMENT CONCRETE SIDEWALK DRIVE ENTRANCES WITH SIDEWALK AND GREEN STRIP	10-14-2005
C-3A	SIDEWALK RAMPS	02-17-2022
C-3B	SIDEWALK RAMPS AND MEDIAN ISLANDS	02-17-2022
C-10	CURBING	02-17-2022
D-15	PRECAST REINF CONC. MH-GRATES, CAST IRON GRATE WITH FRAME , TYPE D & E	01-03-2000
E-10	ROLLED EROSION CONTROL PRODUCT, TYPE I	04-07-2020
E-13	INLET PROTECTION DEVICE, TYPE I	04-07-2020
E-14	INLET PROTECTION DEVICE, TYPE III	04-07-2020
E-15	SILT FENCE	04-07-2020
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08-08-1995
E-131B	BICYCLE GUIDE SIGN DETAILS	06-25-2024
E-193	PAVEMENT MARKING DETAILS	08-18-1995
J-3	MAIL BOX SUPPORT DETAILS	08-07-1995
T-1	TRAFFIC CONTROL GENERAL NOTES	04-25-2016
T-2	TRAFFIC SIGN GENERAL NOTES	04-07-2020
T-10	CONVENTIONAL ROADS CONSTRUCTION APPROACH SIGNING	08-06-2012
T-28	CONSTRUCTION SIGN DETAILS	08-06-2012
T-30	CONSTRUCTION SIGN DETAILS	02-17-2022
T-45	SQUARE TUBE SIGN POST AND ANCHOR	01-02-2013
T-56	STANDARD SIGN PLACEMENT	10-26-2015
T-133	LIGHT POLE FOUNDATION DETAILS	06-25-2024
T-134	LIGHT POLE & TRANSFORMER BASE DETAILS	03-10-2017
T-141	BICYCLE PAVEMENT MARKINGS AND SIGN LAYOUT	02-17-2022

vhb

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_index.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
INDEX SHEET

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 2 OF 69

GENERAL INFORMATION

SYMBOLOGY LEGEND NOTE

THE SYMBOLOGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLOGY. THE SYMBOLOGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLOGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

R.O.W. ABBREVIATIONS (CODES) & SYMBOLS

POINT	CODE	DESCRIPTION
	BF	BARRIER FENCE
	CH	CHANNEL EASEMENT
	CONST	CONSTRUCTION EASEMENT
	CUL	CULVERT EASEMENT
	D&C	DISCONNECT & CONNECT
	DIT	DITCH EASEMENT
	DR	DRAINAGE EASEMENT
	DRIVE	DRIVEWAY EASEMENT
	EC	EROSION CONTROL
	HWY	HIGHWAY EASEMENT
	I&M	INSTALL & MAINTAIN EASEMENT
	LAND	LANDSCAPE EASEMENT
	PDF	PROJECT DEMARCATION FENCE
	R&RES	REMOVE & RESET
	R&REP	REMOVE & REPLACE
	R.T. & I.	RIGHT, TITLE, AND INTEREST
	SR	SLOPE RIGHT
	UE	UTILITY EASEMENT
	(P)	PERMANENT EASEMENT
	(T)	TEMPORARY EASEMENT
■	BNDNS	BOUND SET
⧈	BNDNS	BOUND TO BE SET
◎	IPNF	IRON PIN FOUND
●	IPNS	IRON PIN TO BE SET
☒	CALC	EXISTING ROW POINT
○	PROW	PROPOSED ROW POINT
⌊LENGTH⌋		LENGTH CARRIED ON NEXT SHEET

COMMON TOPOGRAPHIC POINT SYMBOLS

POINT	CODE	DESCRIPTION
	APL	BOUND APPARENT LOCATION
	BM	BENCHMARK
	BND	BOUND
	CB	CATCH BASIN
	COMB	COMBINATION POLE
	DITHR	DROP INLET THROATED DNC
	EL	ELECTRIC POWER POLE
	FPOLE	FLAGPOLE
	GASFIL	GAS FILLER
	GP	GUIDE POST
	GSO	GAS SHUT OFF
	GUY	GUY POLE
	GUYW	GUY WIRE
	GV	GATE VALVE
	H	TREE HARDWOOD
	HCTRL	CONTROL HORIZONTAL
	HVCTRL	CONTROL HORIZ. & VERTICAL
	HYD	HYDRANT
	IP	IRON PIN
	IPIPE	IRON PIPE
	LI	LIGHT - STREET OR YARD
	MB	MAILBOX
	MH	MANHOLE (MH)
	MM	MILE MARKER
	PM	PARKING METER
	PMK	PROJECT MARKER
	POST	POST STONE/WOOD
	RRSIG	RAILROAD SIGNAL
	RRSL	RAILROAD SWITCH LEVER
	S	TREE SOFTWOOD
	SAT	SATELLITE DISH
	SHRUB	SHRUB
	SIGN	SIGN
	STUMP	STUMP
	TEL	TELEPHONE POLE
	TIE	TIE
	TSIGN	SIGN W/DOUBLE POST
	VCTRL	CONTROL VERTICAL
	WELL	WELL
	WSO	WATER SHUT OFF

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPOSED GEOMETRY CODES

CODE	DESCRIPTION
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
CC	CENTER OF CURVE
PT	POINT OF TANGENCY
PCC	POINT OF COMPOUND CURVE
PRC	POINT OF REVERSE CURVE
POB	POINT OF BEGINNING
POE	POINT OF ENDING
STA	STATION PREFIX
AH	AHEAD STATION SUFFIX
BK	BACK STATION SUFFIX
D	CURVE DEGREE OF (100FT)
R	CURVE RADIUS OF
T	CURVE TANGENT LENGTH
L	CURVE LENGTH OF
E	CURVE EXTERNAL DISTANCE
CB	CHORD BEARING

UTILITY SYMBOLOGY

UNDERGROUND UTILITIES

- UGU — UTILITY (GENERIC-UNKNOWN)
- UT — TELEPHONE
- UE — ELECTRIC
- UC — CABLE (TV)
- UEC — ELECTRIC+CABLE
- UET — ELECTRIC+TELEPHONE
- UCT — CABLE+TELEPHONE
- UECT — ELECTRIC+CABLE+TELEPHONE
- G — GAS LINE
- W — WATER LINE
- S — SANITARY SEWER (SEPTIC)

ABOVE GROUND UTILITIES (AERIAL)

- AGU — UTILITY (GENERIC-UNKNOWN)
- T — TELEPHONE
- E — ELECTRIC
- C — CABLE (TV)
- EC — ELECTRIC+CABLE
- ET — ELECTRIC+TELEPHONE
- AER E&T — ELECTRIC+TELEPHONE
- CT — CABLE+TELEPHONE
- ECT — ELECTRIC+CABLE+TELEPHONE
- UTILITY POLE GUY WIRE

PROJECT CONSTRUCTION SYMBOLOGY

PROJECT DESIGN & LAYOUT SYMBOLOGY

- CZ — CLEAR ZONE
- PLAN LAYOUT MATCHLINE

PROJECT CONSTRUCTION FEATURES

- TOP OF CUT SLOPE
- TOE OF FILL SLOPE
- STONE FILL
- BOTTOM OF DITCH LC
- CULVERT PROPOSED
- STRUCTURE SUBSURFACE
- PDF — PDF — PROJECT DEMARCATION FENCE
- BF — BF — BARRIER FENCE
- TREE PROTECTION ZONE (TPZ)
- STRIPING LINE REMOVAL
- SHEET PILES

CONVENTIONAL BOUNDARY SYMBOLOGY

BOUNDARY LINES

- TOWN BOUNDARY LINE
- COUNTY BOUNDARY LINE
- STATE BOUNDARY LINE
- PROPOSED STATE R.O.W. (LIMITED ACCESS)
- PROPOSED STATE R.O.W.
- STATE ROW (LIMITED ACCESS)
- STATE ROW
- TOWN ROW
- PERMANENT EASEMENT LINE (P)
- TEMPORARY EASEMENT LINE (T)
- SURVEY LINE
- P / L — P / L — PROPERTY LINE (P/L)
- SR SR SR — SLOPE RIGHTS
- 6f — 6f — 6F PROPERTY BOUNDARY
- 4f — 4f — 4F PROPERTY BOUNDARY
- HAZ — HAZ — HAZARDOUS WASTE

EPSC LAYOUT PLAN SYMBOLOGY

EPSC MEASURES

- FILTER CURTAIN
- SILT FENCE
- SILT FENCE WOVEN WIRE
- CHECK DAM
- DISTURBED AREAS REQUIRING RE-VEGETATION
- EROSION MATTING

SEE EPSC DETAIL SHEETS FOR ADDITIONAL SYMBOLOGY

ENVIRONMENTAL RESOURCES

- WETLAND BOUNDARY
- RIPARIAN BUFFER ZONE
- WETLAND BUFFER ZONE
- SOIL TYPE BOUNDARY
- T&E — THREATENED & ENDANGERED SPECIES
- HAZ — HAZ — HAZARDOUS WASTE AREA
- AG — AGRICULTURAL LAND
- HABITAT — FISH & WILDLIFE HABITAT
- FLOOD PLAIN — FLOOD PLAIN
- OHW — ORDINARY HIGH WATER (OHW)
- STORM WATER
- USDA FOREST SERVICE LANDS
- WILDLIFE HABITAT SUIT/CONN

ARCHEOLOGICAL & HISTORIC

- ARCH — ARCHEOLOGICAL BOUNDARY
- HISTORIC DIST — HISTORIC DISTRICT BOUNDARY
- HISTORIC — HISTORIC AREA
- (H) — HISTORIC STRUCTURE

CONVENTIONAL TOPOGRAPHIC SYMBOLOGY

EXISTING FEATURES

- ROAD EDGE PAVEMENT
- ROAD EDGE GRAVEL
- DRIVEWAY EDGE
- DITCH
- FOUNDATION
- FENCE (EXISTING)
- FENCE WOOD POST
- FENCE STEEL POST
- GARDEN
- ROAD GUARDRAIL
- RAILROAD TRACKS
- CULVERT (EXISTING)
- STONE WALL
- WALL
- WOOD LINE
- BRUSH LINE
- HEDGE
- BODY OF WATER EDGE
- LEDGE EXPOSED

vhb

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_legend.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
CONVENTIONAL SYMBOLOGY LEGEND SHEET	SHEET 3 OF 69

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2024, AND ITS LATEST REVISIONS, AND SUCH SPECIFICATIONS AS ARE INCORPORATED IN THE FINAL CONTRACT DOCUMENTS.
2. SHARED USE PATH AND SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2%.

CONSTRUCTION NOTES

1. ANY SAW CUTS REQUIRED FOR THE PROJECT SHALL BE CONSIDERED INCIDENTAL TO ALL OTHER CONTRACT ITEMS.
2. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION AS PER THE AGENCY OF NATURAL RESOURCES (ANR) LOW RISK HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
3. CONTRACTOR IS RESPONSIBLE FOR DEVELOPING A DETAILED TRAFFIC CONTROL PLAN AND MAINTAINING VEHICULAR AND PEDESTRIAN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL NOTES, SECTION 641.1100 - TRAFFIC CONTROL, ALL-INCLUSIVE IN THE VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION BOOK, DATED 2024, THE VTRANS WORK ZONE SAFETY AND MOBILITY GUIDANCE DOCUMENT, AND THE 11TH EDITION OF THE MUTCD.
4. ALL PROPOSED SIGNS AND PAVEMENT MARKINGS SHOWN IN THESE PLANS SHALL BE COMPLIANT WITH THE 11TH EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND SUPPLEMENTAL RESOURCES CITED WITHIN.
5. CONTRACTOR SHALL MAINTAIN FULL ACCESS TO ALL DRIVEWAYS TO THE EXTENT POSSIBLE. IF FULL ACCESS CANNOT BE MAINTAINED, CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AND PROPERTY OWNER AT LEAST 48 HOURS IN ADVANCE OF THE TEMPORARY CLOSURE. CLOSURE TIMES SHALL BE MINIMIZED TO THE GREATEST EXTENT POSSIBLE.
6. TREES OUTSIDE OF THE PROPOSED LIMITS OF DISTURBANCE SHALL BE AVOIDED UNLESS OTHERWISE NOTED.
7. THE PROJECT ALIGNMENT IS LOCATED ALONG THE PROPOSED EDGE OF PAVEMENT / FACE OF CURB. THE CONTRACTOR SHALL MATCH THE ELEVATIONS FOR BACK OF PATHWAY SHOWN ON THE CROSS SECTION SHEETS. THE CONTRACTOR SHALL VERIFY THESE PROPOSED ELEVATIONS, WITH PARTICULAR ATTENTION TO THE RAILROAD CROSSING, AND CONFIRM THEM WITH THE ENGINEER AND CITY OF BURLINGTON DPW PRIOR TO BEGINNING ANY WORK.
8. AT NO TIME WILL CONSTRUCTION INTERFERE WITH THE NORMAL AND SAFE OPERATION OF THE RAILROAD. NO CONSTRUCTION, MANPOWER, OR EQUIPMENT WILL ENTER OR OPERATE ON THE RIGHT-OF-WAY WITHIN A SAFETY CLEARANCE OF 25 FEET FROM THE CENTERLINE OF THE NEAREST TRACK. A RAILROAD FLAGGER MUST BE PRESENT DURING ANY WORK ON THE RAILROAD RIGHT-OF-WAY.
9. THERE IS A NEW ENGLAND CENTRAL RAILWAY RAILROAD CROSSING ON INTERVALE ROAD WITHIN THE PROJECT AREA. THERE IS A CONCURRENT PROJECT, BURLINGTON STP 2035(29), TO MAKE IMPROVEMENTS AT THIS CROSSING. ROADWAY PAVING AND CURBING BETWEEN STATIONS 8+70.00 AND 10+35.00, PATH RECONSTRUCTION WITHIN 5 FEET OF THE RAILROAD FIELD PANEL ON EITHER SIDE OF THE TRACKS, THE 42 INCH STEEL SLEEVE UNDERNEATH THE TRACKS, AND ALL SIGNAL EQUIPMENT SHOWN ON THESE PLANS SHALL BE DONE BY OTHERS. THE QUANTITIES FOR THIS WORK BY OTHERS ARE SHOWN FOR INFORMATION PURPOSES ONLY ON THE QUANTITY SUMMARY SHEETS IN THE 1011 RAILROAD - BID ITEMS COLUMN.
10. TREES CALLED OUT FOR PROTECTION SHALL FOLLOW TREATMENT PRACTICES DESCRIBED IN SECTION 656 IN THE 2024 SPECIFICATIONS. TREE PROTECTION SHALL BE PAID FOR UNDER ITEM 656.8500 "TREE PROTECTION".
11. ORNAMENTAL FENCE, 4 FOOT SHALL BE PAID UNDER ITEM 620.8200 SQUARE STEEL FENCE.
12. REMOVING AND RESETTING THE EXISTING PEDESTRIAN SIGNAL ASSEMBLY AT STATION 0+77 LT SHALL BE PAID UNDER ITEM 678.2020 PEDESTRIAN SIGNAL ASSEMBLY.
13. AS PART OF THIS PROJECT, THE MULCH BAY LOCATED AT APPROXIMATE STATION 14+00 LT WILL BE REMOVED AND RELOCATED TO STATION 15+40 LT AS SHOWN IN THE PLANS WITHIN. THE REMOVAL OF THE CONCRETE BLOCKS SHALL BE PAID FOR UNDER ITEM 529.2500 REMOVAL OF CONCRETE OR MASONRY, AND THE RESETTING OF THE CONCRETE BLOCKS IN THEIR NEW LOCATION SHALL BE PAID FOR UNDER ITEM 602.2000 DRY MASONRY. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF BURLINGTON AND GARDENER SUPPLY PRIOR TO BEGINNING THIS WORK, TO ENSURE THAT THE MATERIALS WITHIN THE MULCH BAY ARE REMOVED PRIOR TO THE REMOVAL OF THE CONCRETE BLOCKS, AND TO DETERMINE THE NECESSARY CLEARING LIMITS AND EXACT LOCATION OF THE RELOCATED BLOCKS FOR THE NEW MULCH BAY.

UTILITY NOTES

1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR DESIGNENGINEER HAVE NOT INDEPENDENTLY VERIFIED ALL OF THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCE'S WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN PUBLIC RIGHTS OF WAY.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED AND THE INFORMATION FURNISHED IN WRITING TO THE RESIDENT ENGINEER FOR THE RESOLUTION OF THE CONFLICT.
3. ACT NO. 86 OF 1987 (30 VSA CHAPTER 86) ("DIG SAFE") REQUIRES THATNOTICE BE GIVEN PRIOR TO MAKING AN EXCAVATION. IT IS SUGGESTEDTHAT THE CONTRACTOR TELEPHONE 1-888-344-7233 AT LEAST 48 HOURS BEFORE, AND NOT MORE THAN 30 DAYS BEFORE, BEGINNING ANY EXCAVATION AT ANY LOCATION. NOTE THAT CITY OF BURLINGTON WILL NOT BE NOTIFIED BY DIG SAFE AND MUST BE CONTACTED SEPARATELY.
4. BURLINGTON ELECTRIC DEPARTMENT (BED) SHALL BE RESPONSIBLE FOR REMOVING EXISTING LIGHTS AND FIXTURES. BED SHALL BE RESPONSIBLE FOR INSTALLING NEW LIGHTS AND FIXTURES AND RELOCATING LIGHTS AS CALLED OUT ON THE PLANS. CONTRACTOR SHALL COORDINATE WITH BED TO ALLOW BED TO INSTALL LIGHTS AND FIXTURES BEFORE THE PATH IS SUBSTANTIALLY COMPLETE.

NEW ENGLAND CENTRAL RAILWAY (NECR) NOTES:

1. CONTRACTOR TO NOTIFY G & W PUBLIC PROJECTS DEPARTMENT 30 DAYS PRIOR TO STARTING CONSTRUCTION.
2. G & W FLAGGING SERVICES WILL BE REQUIRED FOR ALL WORK WITHIN G & W RIGHT-OF-WAY OR ANY WORK THAT HAS A "POTENTIAL TO FOUL".
3. THE CONTRACTOR MUST NOT USE THE RAILROAD RIGHT OF WAY FOR STORAGE OF MATERIALS OR EQUIPMENT DURING CONSTRUCTION. THE RAILROAD'S RIGHT OF WAY MUST REMAIN CLEAR AT ALL TIMES. THE CONTRACTOR MUST PLAN AND PERFORM THE WORK IN A MANNER SUCH THAT THE RAILROAD TRACKS AT THE PROJECT LOCATION REMAIN FULLY CAPABLE OF OPERATING RAIL TRAFFIC THROUGHOUT THE WORK PERIOD AND RAIL TRAFFIC IS NOT DELAYED OR OTHERWISE IMPACTED DUE TO THE WORK BEING PERFORMED.
4. ALL WORK PERFORMED ON, ABOVE, OR ADJACENT TO RAILROAD PROPERTY SHALL BE IN ACCORDANCE WITH THE PUBLIC PROJECT MANUAL, CURRENT EDITION. WORK PLANS SHALL BE SUBMITTED FOR REVIEW TO THE RAILROAD FOR TASKS RELATED TO SITE ACCESS, SOIL AND WATER MANAGEMENT, BALLAST PROTECTION, DEMOLITION, DEBRIS SHIELD, EXCAVATION, HOISTING, ERECTION, AND ALL OTHER WORK THAT PRESENTS POTENTIALLY AFFECTS RAILROAD PROPERTY OR OPERATIONS. ALL WORK PLANS SHALL BE PREPARED AND SUBMITTED TO THE RAILROAD IN ADHERENCE WITH THE PUBLIC PROJECT MANUAL, SECTION 1.11 CONSTRUCTION SUBMISSION CRITERIA.

vhb

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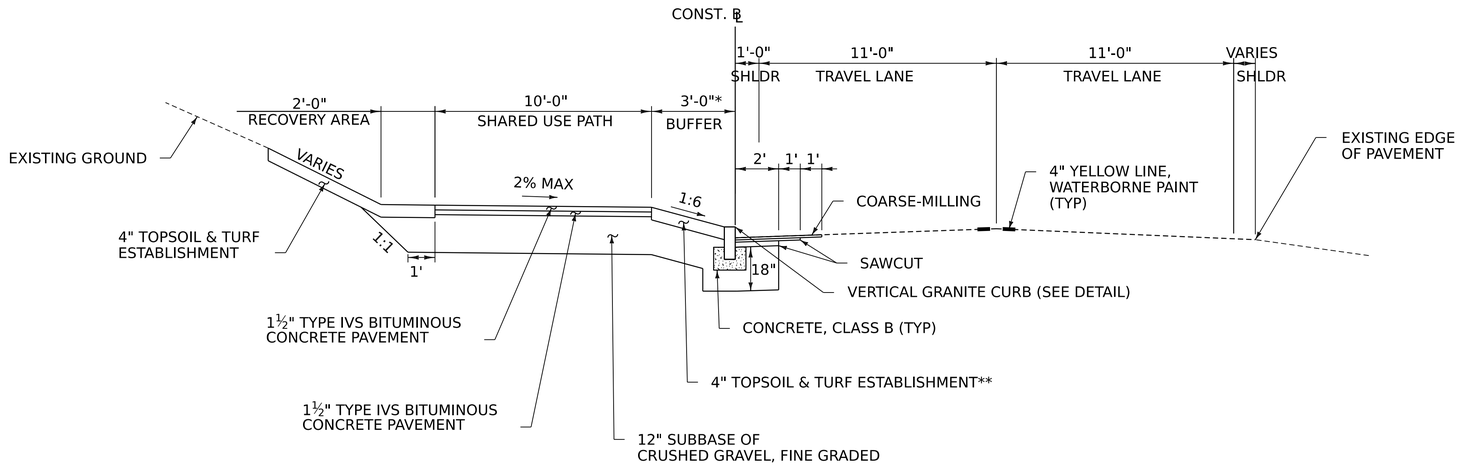
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_pn.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
GENERAL NOTES SHEET	SHEET 4 OF 69

TYPICAL SECTIONS

MATERIAL TOLERANCES	
MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (FULL DEPTH)	± 1/4" (TOTAL THICKNESS)
SUBBASE	± 1"

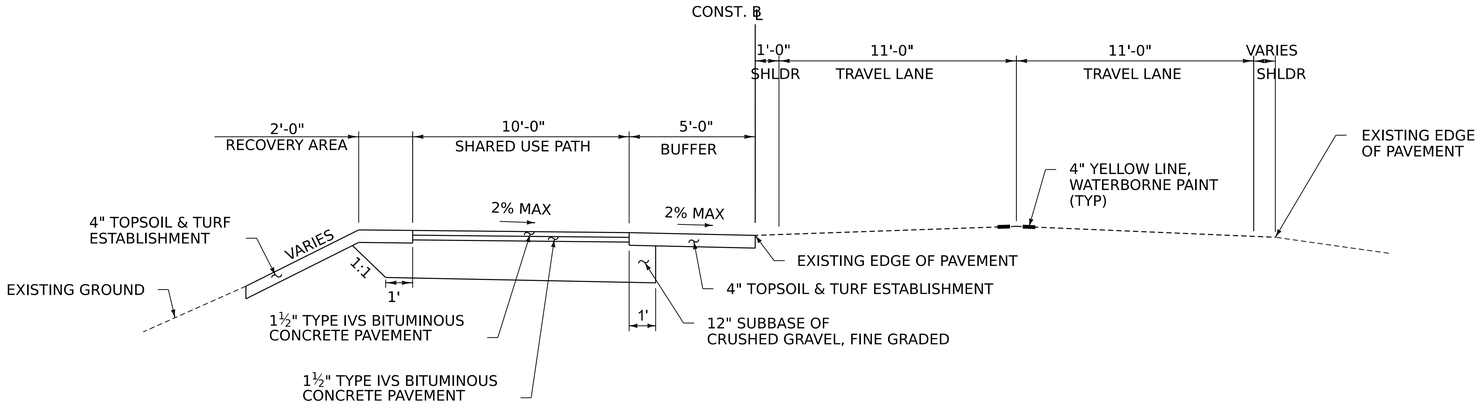


PATH TYPICAL SECTION WITH CURB

N.T.S.

STA. 0+67 - 14+19

* BUFFER VARIES FROM 3'-0" BETWEEN STA. 13+08.40 AND STA. 13+92.91. SEE LAYOUT PLAN SHEETS FOR MORE INFORMATION.
** BUFFER SHALL BE PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH BETWEEN STA. 13+08.40 AND STA. 13+92.91.



PATH TYPICAL SECTION WITHOUT CURB

N.T.S.

STA. 14+19 - 17+57

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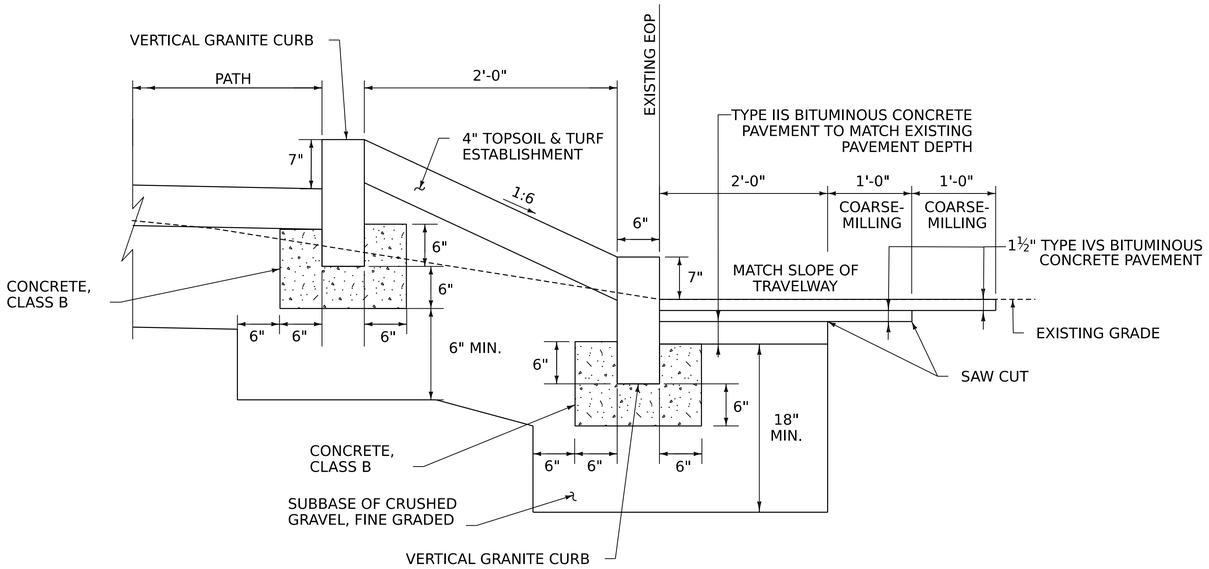
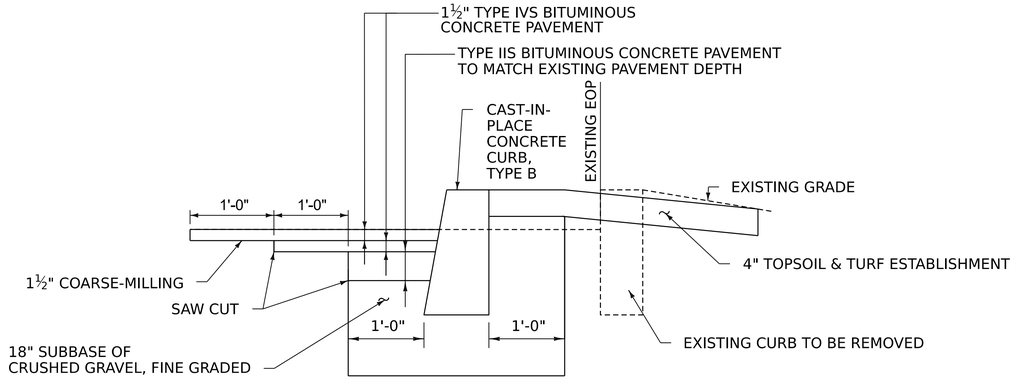
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
TYPICAL SECTION SHEETS		SHEET	5 OF 69



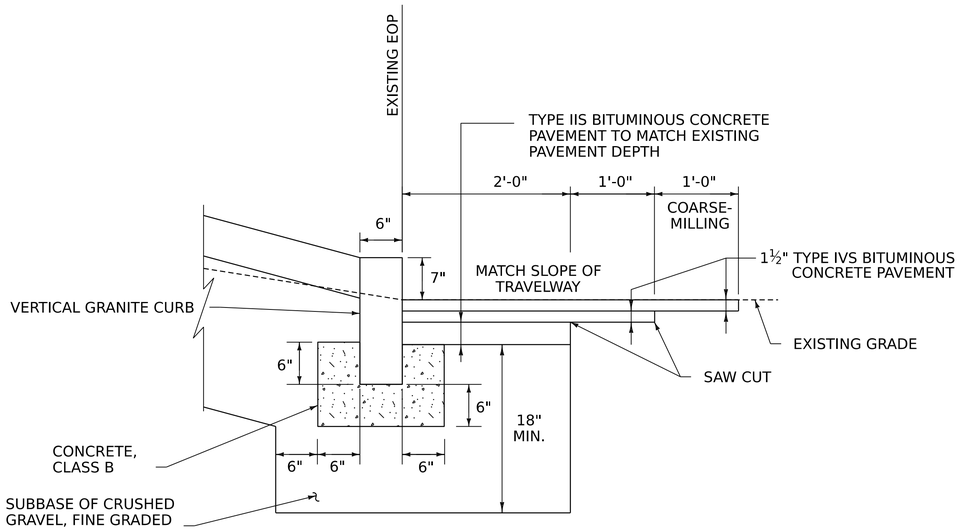
DOUBLE CURB DETAIL

N.T.S.
STA 8+50 - 9+25



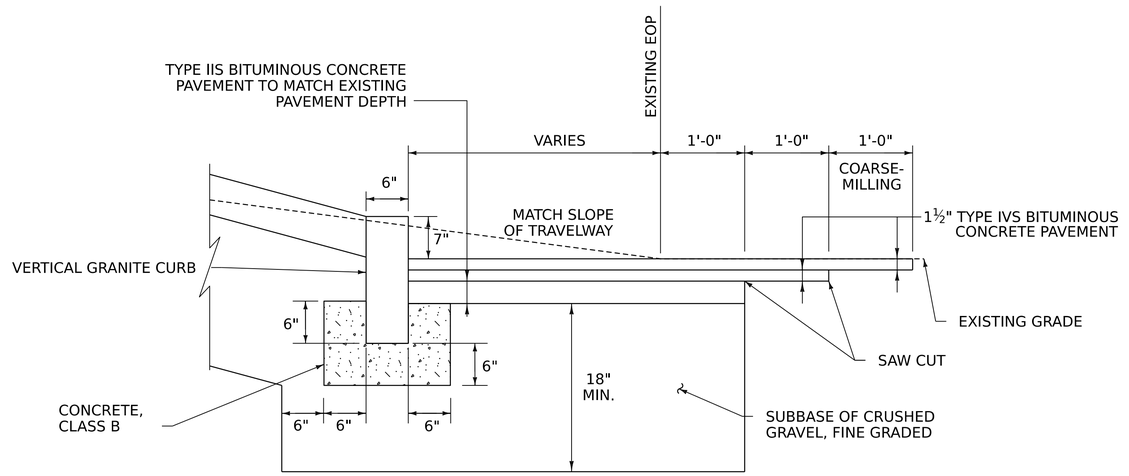
PARKING LOT CURB

N.T.S.
STA. 2+93 - STA. 3+20 LT



VERTICAL GRANITE CURB (AT OR INSIDE EXISTING PAVEMENT LIMITS)

N.T.S.
STA 0+70 - 10+89
STA 13+85 - 17+50



VERTICAL GRANITE CURB (OUTSIDE EXISTING PAVEMENT)

N.T.S.
STA. 10+89 - 13+85

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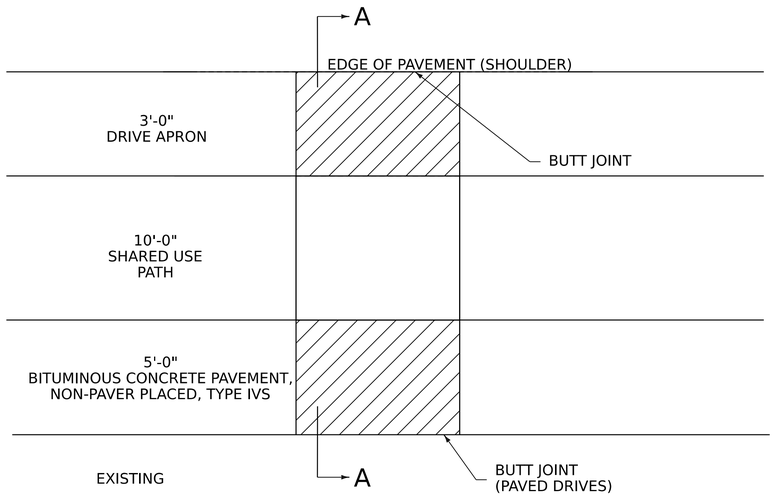
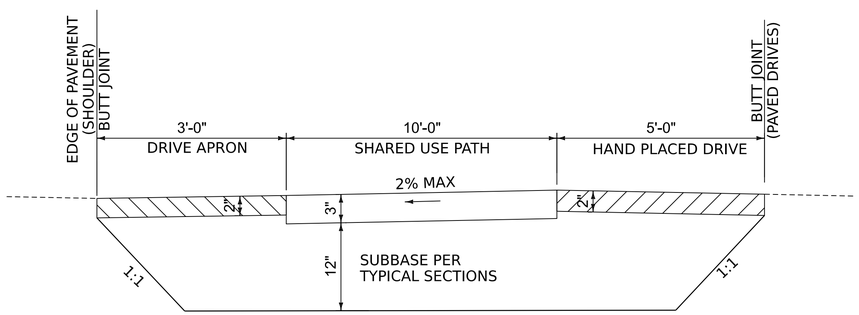
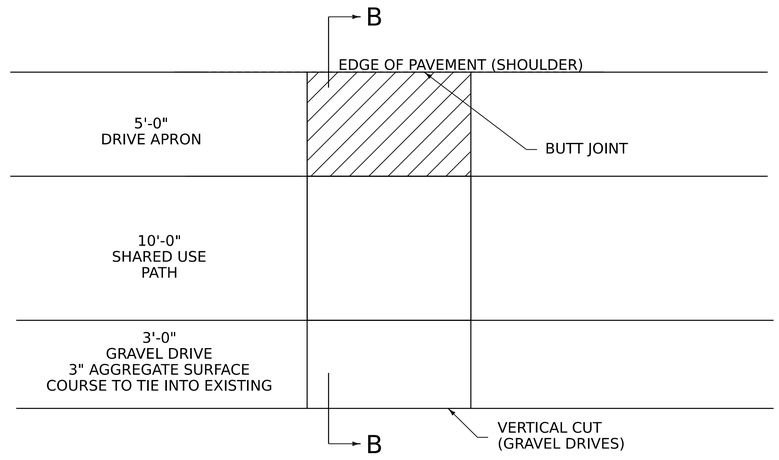
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
DETAIL SHEETS (1 OF 4)	SHEET 6 OF 69



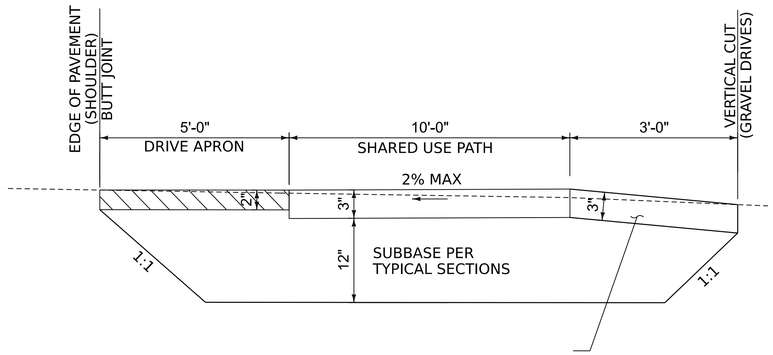
PLAN
(PAVED DRIVES)



SECTION A-A
HANDWORK DETAILS FOR PAVED DRIVES



PLAN
(GRAVEL DRIVES)



SECTION B-B
HANDWORK DETAILS FOR GRAVEL DRIVES

NOTES

1. PAVING LIFT NOT TO EXCEED 2.0 INCHES.
2. THE COST OF PROVIDING AND PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES AT LEAST 24 HOURS BEFORE PAVING, WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 406.3400 BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS.
3. EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE AND TOWN HIGHWAY SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 406.3400 BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS.
4. MILLING FOR DRIVES WILL MEET THE REQUIREMENTS OF SECTION 210 AS APPLICABLE. PAYMENT FOR MILLING AREAS REQUIRED FOR DRIVES WILL BE CONSIDERED INCIDENTAL TO ITEM 406.3400 BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS.

LEGEND

ITEM 406.3400 BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS

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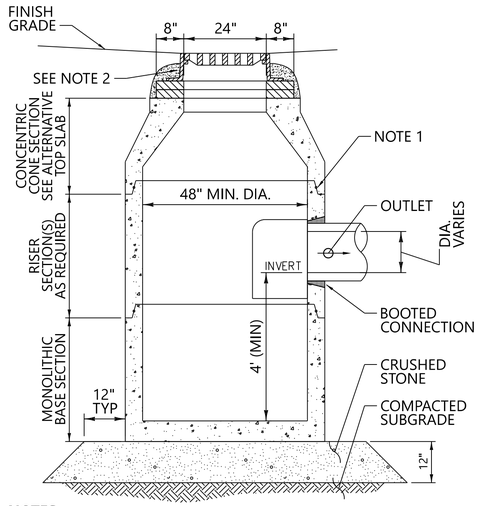
FILE NAME: z58842_typ.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
DETAIL SHEETS (2 OF 4)		SHEET	7 OF 69

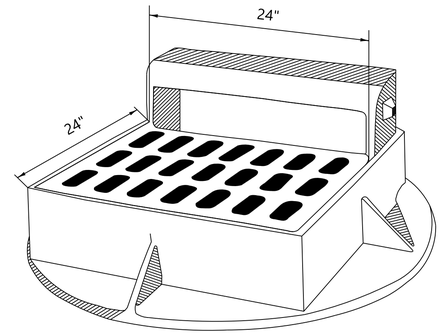


NOTES

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
3. CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH RISERS PER CITY STANDARDS.

CATCH BASIN

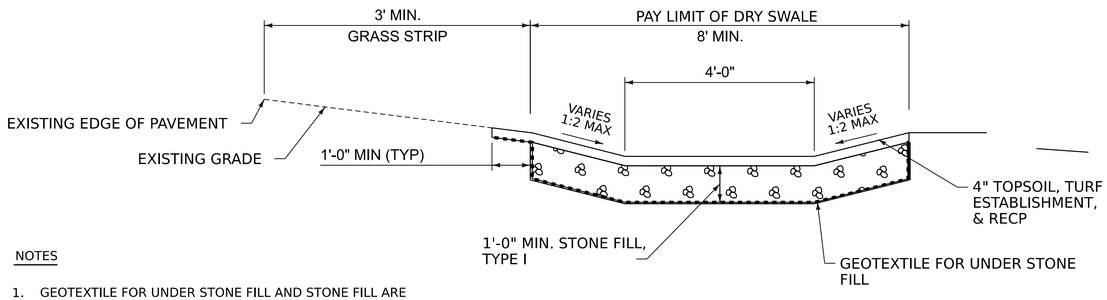
N.T.S.



GULPER ALTERNATIVE CATCH BASIN CURB INLET

NTS

SEE DRAINAGE LAYOUT PLANS FOR LOCATIONS OF STRUCTURES WITH GULPER INLETS



NOTES

1. GEOTEXTILE FOR UNDER STONE FILL AND STONE FILL ARE INCIDENTAL TO ITEM 654.0010 DRY SWALE
2. TOPSOIL, TURF ESTABLISHMENT, RECP, AND EXCAVATION PAID SEPARATELY

DRY SWALE DETAIL

N.T.S.

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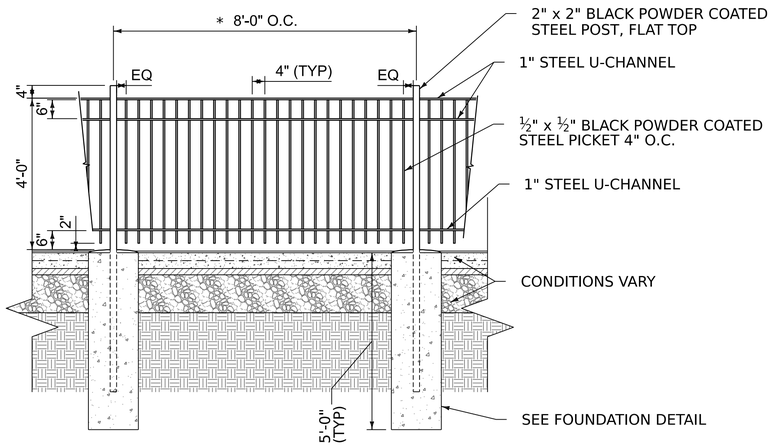
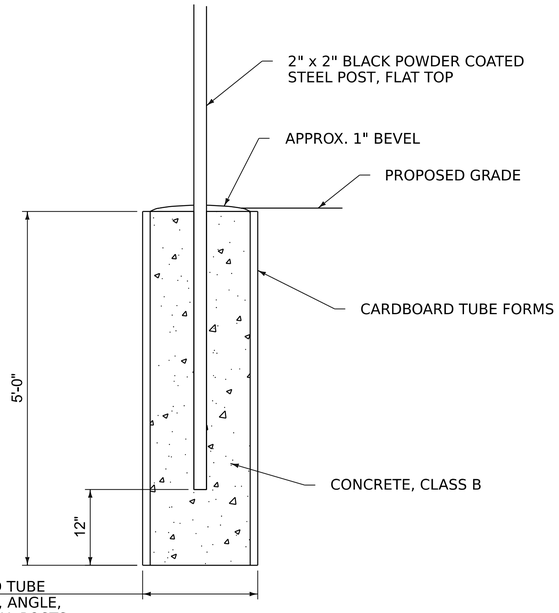
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
DETAIL SHEETS (3 OF 4)		SHEET	8 OF 69



*EXCEPT AS REQUIRED TO START AND END FENCE PER THE PLANS. VARYING LENGTH PANELS SHALL EITHER BE LOCATED AT THE BEGINNING OR END OF THE FENCE RUNS, OR IN THE MIDDLE OF THE FENCE RUNS TO LOOK AESTHETICALLY PLEASING.

ORNAMENTAL FENCE, 4 FOOT DETAIL

N.T.S.

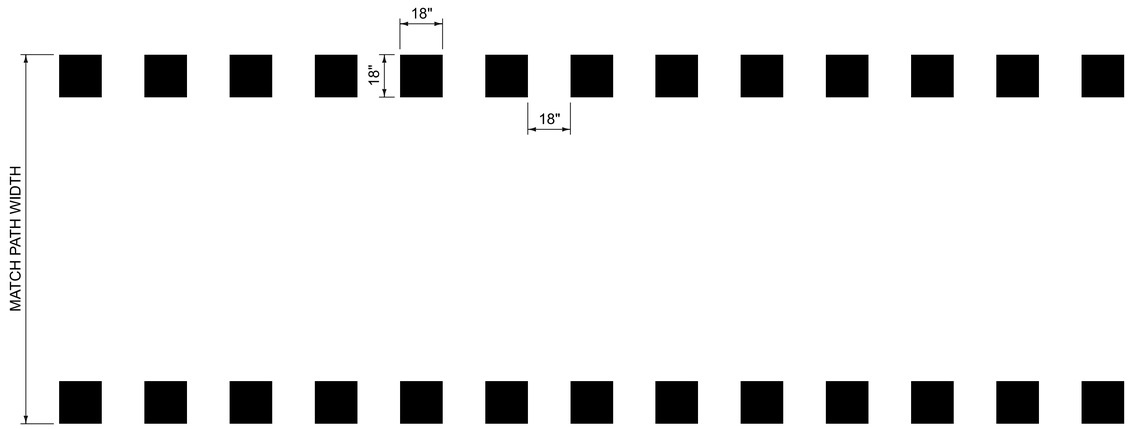


12" DIA. CARDBOARD TUBE FORMS OFR ALL LINE, ANGLE, CORNER, OR TERMINAL POSTS.

FOUNDATION DETAIL

N.T.S.

NOTE: CARDBOARD TUBE FORM AND CONCRETE, CLASS B WILL BE INCIDENTAL TO FENCE.



STANDARD "ELEPHANT FEET" MARKINGS FOR SHARED USE PATH CROSSINGS

NOT TO SCALE

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_typ.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
DETAIL SHEETS (4 OF 4)		SHEET 9	OF 69

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES				TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
1051 - EROSION CONTROL	1101 - RAILROAD - BID ITEMS	1131 - BIKE/TRANSPORTATION PATH	1999 - FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
		1		1		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.1000	-			
		1720		1720		CY	COMMON EXCAVATION	203.1500	10			
		10		10		CY	EARTH BORROW	203.3000	EST			
		3400		3400		CY	TRENCH EXCAVATION OF EARTH	204.2000	51			
		6		6		CY	TRENCH EXCAVATION OF ROCK	204.2100	EST			
		1		1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.2200	EST			
		510		510		CY	STRUCTURE EXCAVATION	204.2500	2			
		1450		1450		CY	GRANULAR BACKFILL FOR STRUCTURES	204.3000	48			
	20	120		140		SY	COARSE-MILLING, BITUMINOUS PAVEMENT	210.1000	11			
		1		1		LS	RETAINING WALL, PRECAST CONCRETE (STA. 4+00 - STA. 4+60)	225.0400	-			
		1		1		LS	RETAINING WALL, PRECAST CONCRETE (STA. 5+00 - STA. 5+40)	225.0400	-			
		1		1		LS	RETAINING WALL, PRECAST CONCRETE (STA. 7+00 - STA. 7+20)	225.0400	-			
		1		1		LS	RETAINING WALL, PRECAST CONCRETE (STA. 11+76 - STA. 12+68)	225.0400	-			
	40	1010		1050		CY	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.2600	8			
		5		5		CY	AGGREGATE SURFACE COURSE	401.1000	1			
	1	4		5		CWT	TACK COAT, EMULSIFIED ASPHALT	404.1100	1			
	5	55		60		TON	BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QA TIER III	406.0230	6			
	15	400		415		TON	BITUMINOUS CONCRETE PAVEMENT, TYPE IVS, QA TIER III	406.0430	10			
		135		135		SY	BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS	406.3400	5			
		30		30		CY	REMOVAL OF CONCRETE OR MASONRY	529.2500	EST			
	10	60		70		CY	CONCRETE, CLASS B	541.2200	9			
		10		10		LF	12 INCH CPEP(SL)	601.2605	3			
		60		60		LF	15 INCH CPEP(SL)	601.2610	1			
		660		660		LF	18 INCH CPEP(SL)	601.2615	7			
		20		20		LF	24 INCH CPEP(SL)	601.2620	3			
		630		630		LF	30 INCH CPEP(SL)	601.2625	6			
		460		460		LF	36 INCH CPEP(SL)	601.2630	8			
		1		1		EACH	36 INCH CPEPES	601.7030	-			
		30		30		CY	DRY MASONRY	602.2000	EST			
		8		8		EACH	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.2000	-			
		10		10		EACH	PRECAST REINFORCED CONCRETE MANHOLE WITH CAST IRON COVER (4 FOOT DIA.)	604.2100	-			
		2		2		EACH	PRECAST REINFORCED CONCRETE MANHOLE WITH CAST IRON COVER (5 FOOT DIA.)	604.2100	-			
		5		5		EACH	PRECAST REINFORCED CONCRETE MANHOLE WITH CAST IRON COVER (6 FOOT DIA.)	604.2100	-			
	130	1180		1310		LF	VERTICAL GRANITE CURB	616.2100	7			
		60		60		LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.2702	5			
		50		50		LF	REMOVAL OF EXISTING CURB	616.4100	8			
		3		3		EACH	REMOVE AND RESET MAILBOX, SINGLE SUPPORT	617.1100	-			
		40		40		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.1005	5			
		60		60		SF	DETECTABLE WARNING SURFACE	618.3000	-			
		230		230		LF	REMOVING AND RESETTING FENCE	620.5000	-			

vhb

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_qs.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
QUANTITY SHEETS (1 OF 3)

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 10 OF 69

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES				TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
1051 - EROSION CONTROL	1101 - RAILROAD - BID ITEMS	1131 - BIKE/TRANSPORTATION PATH	1999 - FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
		150		150		LF	SPLIT RAIL FENCE	620.8100	6			
		120		120		LF	SQUARE STEEL FENCE	620.8200	1			
	40			40		LF	SLEEVES FOR UTILITIES, STEEL (42 INCH)	625.3000	8			
		6		6		EACH	ADJUST ELEVATION OF VALVE BOX	629.2800	-			
		1		1		EACH	HYDRANT, ALL-INCLUSIVE	629.3500	-			
		1		1		EACH	RELOCATE HYDRANT	629.3600	-			
		1		1		EACH	REMOVE HYDRANT	629.3800	-			
		100		100		HR	UNIFORMED TRAFFIC OFFICERS	630.1000	EST			
		1200		1200		HR	FLAGGERS	630.1500	EST			
			1	1		LS	FIELD OFFICE, ENGINEER'S	631.1000	-			
			1	1		LS	TESTING EQUIPMENT, BITUMINOUS	631.1700	-			
			3000	3000		DL	FIELD OFFICE COMMUNICATIONS (N.A.B.I.)	631.2600	EST			
		50000		50000		DL	RAILROAD FLAGGERS (N.A.B.I.)	632.1000	EST			
		1		1		LS	MOBILIZATION/DEMOBILIZATION	635.1100	-			
		1		1		LS	TRAFFIC CONTROL, ALL-INCLUSIVE	641.1100	-			
	230	2880		3110		LF	4 INCH YELLOW LINE, WATERBORNE PAINT	646.2111	2			
		20		20		LF	24 INCH STOP BAR, WATERBORNE PAINT	646.2610	1			
		4		4		EACH	LETTER OR SYMBOL, WATERBORNE PAINT	646.3010	-			
		30		30		LF	CROSSWALK MARKING, WATERBORNE PAINT	646.3110	8			
		660		660		LF	DURABLE 4 INCH YELLOW LINE, POLYUREA	646.4140	2			
		200		200		LF	DURABLE 12 INCH WHITE LINE, POLYUREA	646.4640	9			
		36		36		EACH	DURABLE LETTER OR SYMBOL, POLYUREA	646.4940	-			
		2		2		EACH	DURABLE RAILROAD CROSSING SYMBOL, POLYUREA	646.5140	-			
4950	50			5000		SY	TURF ESTABLISHMENT, GENERAL SEED	651.1500	5			
	6	560		566		CY	TOPSOIL	651.3500	11			
1				1		LS	EPSC PLAN	653.0100	-			
100				100		HR	MONITORING EPSC PLAN	653.0200	EST			
4000				4000		DL	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	653.0300	EST			
1.2	0.1			1.3		TON	HAY MULCH	653.1000	0.2			
2220	15			2235		SY	ROLLED EROSION CONTROL PRODUCT, TYPE I	653.2001	9			
2				2		EACH	INLET PROTECTION DEVICE, TYPE I	653.4001	-			
14				14		EACH	INLET PROTECTION DEVICE, TYPE II	653.4002	-			
160	5			165		LF	SILT FENCE, TYPE I	653.4701	4			
50				50		LF	SILT FENCE, TYPE II	653.4702	2			
90				90		LF	BARRIER FENCE	653.5000	4			
2890	20			2910		LF	PROJECT DEMARCATION FENCE	653.5500	8			
		170		170		LF	DRY SWALE	654.0010	1			
		3		3		EACH	DECIDUOUS TREES, LARGE	656.3003	-			
		1		1		LS	TREE PROTECTION	656.8500	-			
		50		50		SF	TRAFFIC SIGN, FLAT SHEET ALUMINUM	675.2000	6			

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_qs.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
QUANTITY SHEETS (2 OF 3)

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 11 OF 69

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 3

SUMMARY OF ESTIMATED QUANTITIES				TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
1051 - EROSION CONTROL	1101 - RAILROAD - BID ITEMS	1131 - BIKE/TRANSPORTATION PATH	1999 - FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
		114		114		LB	TUBULAR STEEL SIGN POST	675.3300	-			
		150		150		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.3410	5			
		7		7		EACH	SIGN REMOVAL, FLAT SHEET ALUMINUM	675.5000	-			
		5		5		EACH	RESETTING SIGNS	675.6000	-			
		1		1		EACH	REMOVE AND RESET PRIVATE SIGN ASSEMBLY, NON-LIGHTED	675.600000	-			
		1		1		EACH	PEDESTRIAN SIGNAL ASSEMBLY	678.2020	-			
		1		1		DL	PRICE ADJUSTMENT, ASPHALT (N.A.B.I.)	690.0300	EST			

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_qs.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
QUANTITY SHEETS (3 OF 3)
PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 12 OF 69

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM DETAIL SHEET

CURB

BEGIN STATION	END STATION	POSITION LEFT FT	POSITION RIGHT FT	REMARKS
VERTICAL GRANITE CURB				
0+69	2+24	161		30.0' @ 26.25'R
2+80	7+41	461		143.9' @ 198'R 52.0' @ 1988'R
8+00	8+70	70		2.7' @ 1012'R
8+48	9+48	104		42.0' 1014.5'R 49.8'' @ 41.5'R
10+35	14+18	383		129.6' @ 275'R 77.7' @ 550'R
	SUBTOTAL:	**1179**		
VERTICAL GRANITE CURB (BY OTHERS)				
8+70	9+50	84		49.8' @ 1012'R
9+95	10+35	40		9.9' @ 1988'R
	SUBTOTAL:	**124**		
CAST-IN-PLACE CONCRETE CURB, TYPE B				
2+92	3+17	30		
	SUBTOTAL:	**30**		

SIDEWALK

BEGIN STATION	END STATION	POSITION LEFT CY	POSITION RIGHT CY	REMARKS
0+67	17+57	156.481481		PAVED SUP

GUARD RAIL

BEGIN STATION	END STATION	POSITION LEFT FT	POSITION RIGHT FT	END TREATMENT BEGIN EA	END TREATMENT END EA

UNDERDRAIN

BEGIN STATION	END STATION	TYPE	POSITION	DIA. IN	LENGTH FT	TRENCH EARTH CY	TRENCH ROCK CY	GRAN BKFILL CY	FB EA	MKR PST EA

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_ids.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
ITEM DETAIL SHEETS

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 13 OF 69

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

ID	STATION	STATION	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS					PIPE ELBOW	ES	CB	MH	DEPTH DI	CONC CLASS B	REINF STEEL	DI GRATE	CHAN ELEV	REHAB CLASS I	REHAB CLASS II	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL STRUCT	GRAN BORR	EROS MATT	STONE FILL		MARKER POSTS		REMARKS
				NO. DEG.	INLET	OUTLET	IN	OUT	SPAN IN	RISE IN	L FT	D IN	L FT	PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	NO. DEG.	EA	EA	EA	FT	CY	LBS	TYPE	EA	EA	EA	CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT EA	RT EA	
1	0+68.35	0+92.00	LT		CB	DMH						15	31					X													40.16					14.31							NEW 15" CPEP(SL)
2	0+79.00		LT																		X		10.13			D															NEW 4' DIA. PRCCB WITH GULPER INLET
3	0+79.00	0+92.00	LT		CB	DMH						18	13					X													18.79					6.63							NEW 18" CPEP(SL)
4	0+92.00		LT																			X	8.23												7.00							NEW 4' DIA. PRCMH
5	0+92.00	4+50.00	LT		DMH	DMH						18	354					X													409.84					183.40							NEW 18" CPEP(SL)
6	4+40.00		CL																		X		7.78			D															NEW 4' DIA. PRCCB WITH GULPER INLET
7	4+40.00	4+50.00	CL/LT		CB	DMH						18	10					X													10.73					5.00							NEW 18" CPEP(SL)
8	4+50.00		LT																			X	6.87												5.89							NEW 4' DIA. PRCMH
9	4+50.00	5+50.00	LT		DMH	DMH						18	93					X													100.98					48.14							NEW 18" CPEP(SL)
10	5+50.00		LT																			X	6.58												5.66							NEW 4' DIA. PRCMH
11	5+50.00	6+83.29	LT		DMH	DMH						18	127					X													138.64					65.81							NEW 18" CPEP(SL)
12	6+83.29		LT																			X	6.33												5.45							NEW 6' DIA. PRCMH
13	6+83.29	7+32.00	LT		DMH	DMH						18	44					X													50.53					22.97							NEW 18" CPEP(SL)
14	7+20.00		CL																		X		6.69			D															NEW 4' DIA. PRCCB WITH GULPER INLET
15	7+20.00	7+32.00	CL/RT		CB	DMH						24	10					X													12.89					6.15							NEW 24" CPEP(SL)
16	7+31.96		RT																			X	6.60												5.67							NEW 4' DIA. PRCMH
17	7+32.00	7+31.96	LT/RT		DMH	DMH						18	12					X													13.83					6.29							NEW 18" CPEP(SL)
18	7+32.00		LT																			X	7.23												7.94							NEW 6' DIA. PRCMH
19	7+32.00	9+11.72	LT		DMH	DMH						30	175					X													242.00					128.81							NEW 30" CPEP(SL)
20	9+11+72		LT																			X	7.62												6.50							NEW 4' DIA. PRCMH
21	9+11+72	9+56.25	LT		DMH	DMH						30	45					X													4.56					32.86							NEW 30" CPEP(SL)
22	9+44.25		LT																		X		4.20			D															NEW 4' DIA. PRCCB WITH GULPER INLET
23	9+44.25	9+61.31	LT		CB	CB						15	12					X													73.47					5.66							NEW 15" CPEP(SL)
24	9+58.25		LT																		X		9.07			D															NEW 4' DIA. PRCCB IN DEPRESSION
25	9+58.25	9+56.25	LT		CB	DMH						15	11					X													11.28					4.92							NEW 15" CPEP(SL)
26	9+43.25		LT																		X		7.50			DOUBLE															NEW 5' DIA. PRCCB WITH DOUBLE GRATE
27	9+43.25	9+56.25	LT		CB	DMH						24	7					X													13.40					4.49							NEW 24" CPEP(SL)
28	9+56.57		LT																			X	8.63												9.41							NEW 6' DIA. PRCMH
29	9+56.57	9+93.91	LT		DMH	DMH						30	34					X													92.95					24.64							NEW 30" CPEP(SL) IN 42" STEEL SLEEVE, SLEEVE BY OTHERS
30	9+93.91		LT																			X	9.10												7.71							NEW 4' DIA. PRCMH
31	9+93.91	10+29.32	LT		DMH	DMH						30	44					X													6.83					32.33							NEW 30" CPEP(SL)
32	10+22.32		CL																		X		5.05			D															NEW 4' DIA. PRCCB WITH GULPER INLET
33	10+22.32	10+29.32	CL/LT		CB	DMH						15	6					X													273.23					2.59							NEW 15" CPEP(SL)
34	10+29.32		LT																			X	9.22												7.81							NEW 4' DIA. PRCMH
35	10+29.32	12+18.26	LT/RT		DMH	DMH						30	185					X													9.97					135.90							NEW 30" CPEP(SL)
36	12+25.00		CL																		X		8.00			D															NEW 4' DIA. PRCCB WITH GULPER INLET
37	12+25.00	12+18.26	CL/RT		CB	DMH						12	7					X													97.57					2.99							NEW 12" CPEP(SL)
									SHEET 1 CPEP(SL) 12"		7	FT							0	8	10		0	0		0	0	0	0	1622	0	0	0	0	853	0	0	0	I	0		
									SHEET 1 CPEP(SL) 15"		60	FT																															0	II			
									SHEET 1 CPEP(SL) 18"		653	FT																															0	III			
									SHEET 1 CPEP(SL) 24"		17	FT																															0	IV			
									SHEET 1 CPEP(SL) 30"		483	FT																															0	IV			
									SHEET 1 CPEP(SL) 36"		0	FT																																			

vhb

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_dds.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
DRAINAGE DETAIL SHEETS (1 OF 2)	SHEET 14 OF 69

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE DETAIL SHEET

ID	STATION	STATION	POS.	ASKEW	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	MH	DEPTH DI	CONC CLASS B	REINF STEEL	DI GRATE	CHAN ELEV	REHAB CLASS I	REHAB CLASS II	CRM	TRENCH		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL STRUCT	GRAN BORR	EROS MATT	STONE FILL		MARKER		REMARKS
				NO. DEG.	INLET	OUTLET	IN	OUT	SPAN IN	RISE IN	L FT	D IN	L FT	PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	NO. DEG.	EA	EA	EA	FT	B CY	LBS	TYPE	EA	I EA	II EA	CY	EARTH CY	ROCK CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT EA	RT EA	
38	12+18.26		RT																				X	8.48													7.20						NEW 4' DIA. PRCMH
39	12+18.26	12+19.18	RT		DMH	DMH						30	44					X														64.45					32.03						NEW 30" CPEP(SL)
40	12+19.18		RT																				X	9.00													7.63						NEW 4' DIA. PRCMH
41	12+19.18	11+42.03	RT		DMH	DMH						30	98					X														172.40					72.15						NEW 30" CPEP(SL)
42	11+42.03		RT																				X	6.71													7.40						NEW 6' DIA. PRCMH
43	11+42.03	10+27.54	RT		DMH	DMH						36	129					X														213.94					109.60						NEW 36" CPEP(SL)
44	10+27.54		RT																				X	6.71													7.40						NEW 6' DIA. PRCMH
45	10+27.54	8+51.28	RT		DMH	DMH						36	190					X														407.36					161.00						NEW 36" CPEP(SL)
46	8+51.28		RT																				X	11.12													12.02						NEW 6' DIA. PRCMH
47	8+51.28	8+23.72	RT		DMH	DMH						36	54					X														134.53					45.99						NEW 36" CPEP(SL)
48	8+23.72		RT																				X	9.74													9.40						NEW 5' DIA. PRCMH
49	8+23.72	8+29.07	RT		DMH	DMH						36	3					X														7.66					2.67						NEW 36" CPEP(SL)
50	8+29.07		RT																				X	10.72													10.31						NEW 5' DIA. PRCMH
51	8+29.07	7+94.29	RT		DMH	ES						36	76					X			X											127.29					64.78					1	NEW 36" CPEP(SL) & END SECTION
									SHEET 2 CPEP(SL) 12"	0	FT								1	0	7		0	0		0	0	0	0	1128	0	0	0	0	550	0	0	0	I	1		
									SHEET 2 CPEP(SL) 15"	0	FT																																0	II			
									SHEET 2 CPEP(SL) 18"	0	FT																																0	III			
									SHEET 2 CPEP(SL) 24"	0	FT																																0	IV			
									SHEET 2 CPEP(SL) 30"	142	FT																																0	IV			
									SHEET 2 CPEP(SL) 36"	452	FT																																				

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_dds.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
DRAINAGE DETAIL SHEETS (2 OF 2)	SHEET 15 OF 69

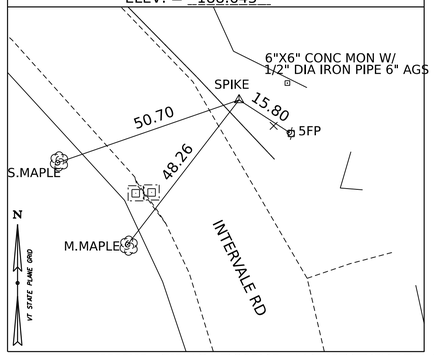
NETWORK CONTROL

*PT'S 21 & 22 WERE TRAVERSED TO, USING PT'S 9 & 10 FROM [BURLINGTON:NH PC22(1)(18V199)]

LOCAL CONTROL

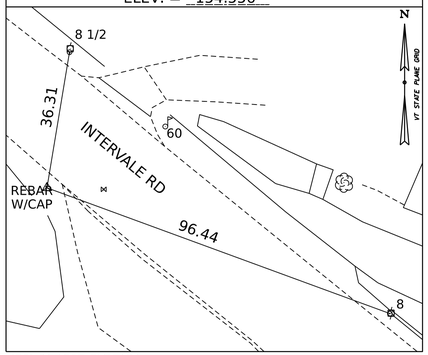
HVCTRL #21

NORTH = 726296.6624
EAST = 1457027.5870
ELEV. = 188.643



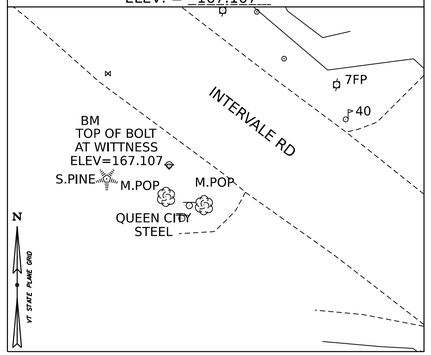
HVCTRL #22

NORTH = 726629.2844
EAST = 1456577.1513
ELEV. = 154.556



BM #1

NORTH = 726447.7042
EAST = 1456786.5433
ELEV. = 167.107



_____

NORTH = _____
EAST = _____
ELEV. = _____

_____

NORTH = _____
EAST = _____
ELEV. = _____

*MAIN TRAVERSE COMPLETED BY C. CYR & T. CATTANEO ON 5/31/22

ALIGNMENT TIES

_____

NORTH = _____
EAST = _____
ELEV. = _____

_____

NORTH = _____
EAST = _____
ELEV. = _____

_____

NORTH = _____
EAST = _____
ELEV. = _____

_____

NORTH = _____
EAST = _____
ELEV. = _____

_____

NORTH = _____
EAST = _____
ELEV. = _____

DATUM

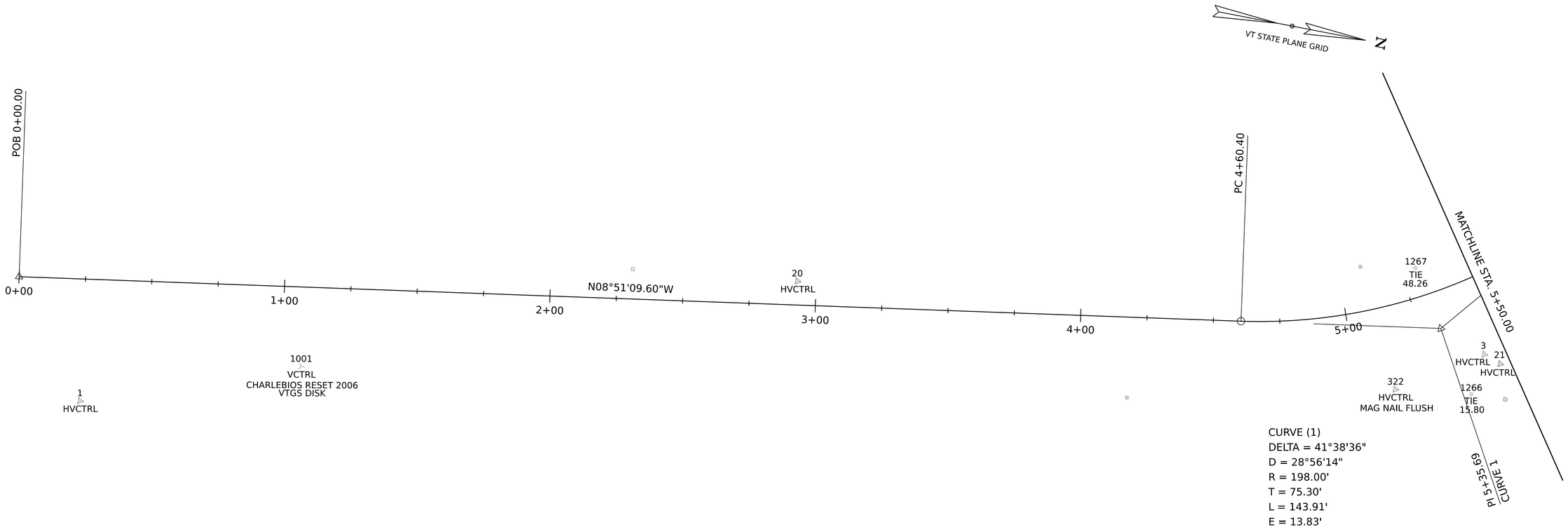
VERTICAL NAVD 88
HORIZONTAL NAD 83(2011)
ADJUSTMENT COMPASS

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_ti.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
TIE SHEET

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 16 OF 69

MAIN PATH ALIGNMENT			
POINT	STATION	NORTHING	EASTING
POB	0+00.00	725742.926	1457101.110

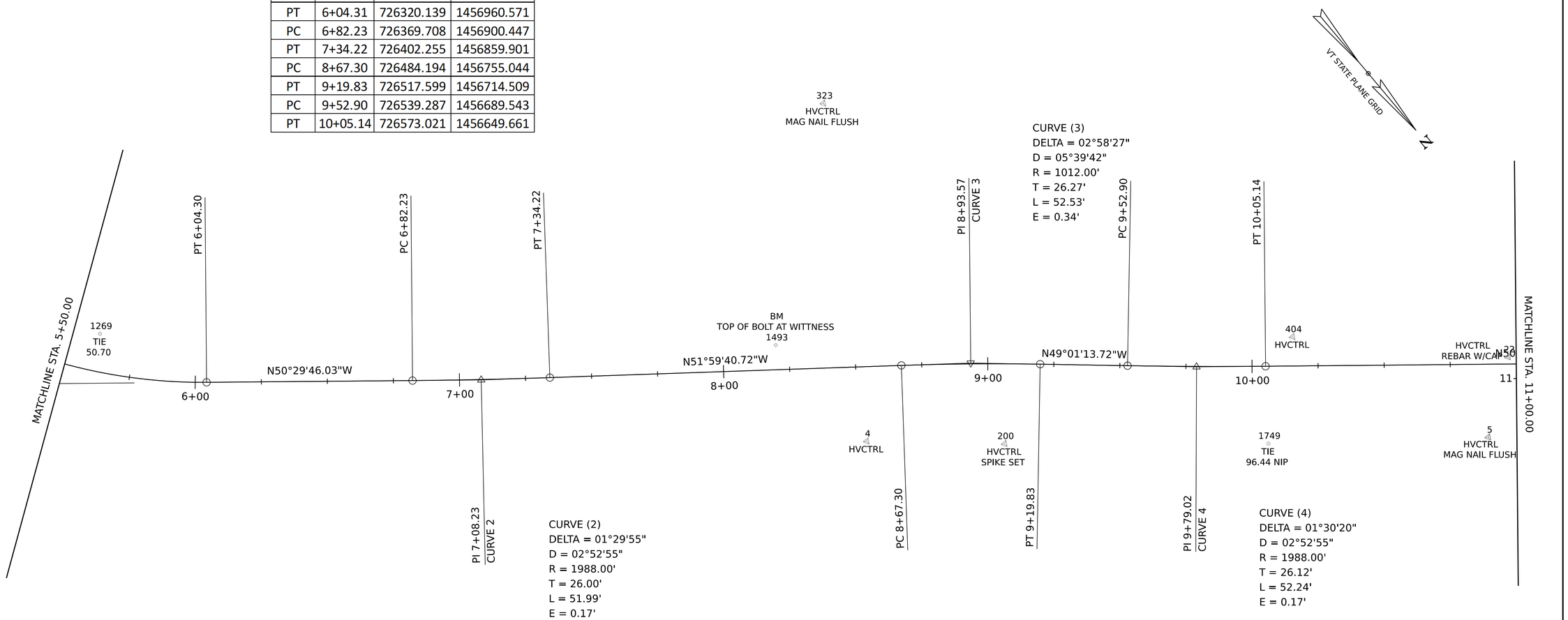


CURVE (1)
DELTA = 41°38'36"
D = 28°56'14"
R = 198.00'
T = 75.30'
L = 143.91'
E = 13.83'

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_ali.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
ALIGNMENT SHEETS (1 OF 3)	SHEET 17 OF 69

MAIN PATH ALIGNMENT			
POINT	STATION	NORTHING	EASTING
PC	4+60.40	726197.837	1457030.258
PT	6+04.31	726320.139	1456960.571
PC	6+82.23	726369.708	1456900.447
PT	7+34.22	726402.255	1456859.901
PC	8+67.30	726484.194	1456755.044
PT	9+19.83	726517.599	1456714.509
PC	9+52.90	726539.287	1456689.543
PT	10+05.14	726573.021	1456649.661



0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)

FILE NAME:	z58842_bdr_ali.dgn	PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
ALIGNMENT SHEETS (2 OF 3)		SHEET	18 OF 69

MAIN PATH ALIGNMENT			
POINT	STATION	NORTHING	EASTING
PC	12+11.14	726703.985	1456490.642
PCC	13+40.73	726806.490	1456413.326
PT	14+19.40	726880.617	1456387.180

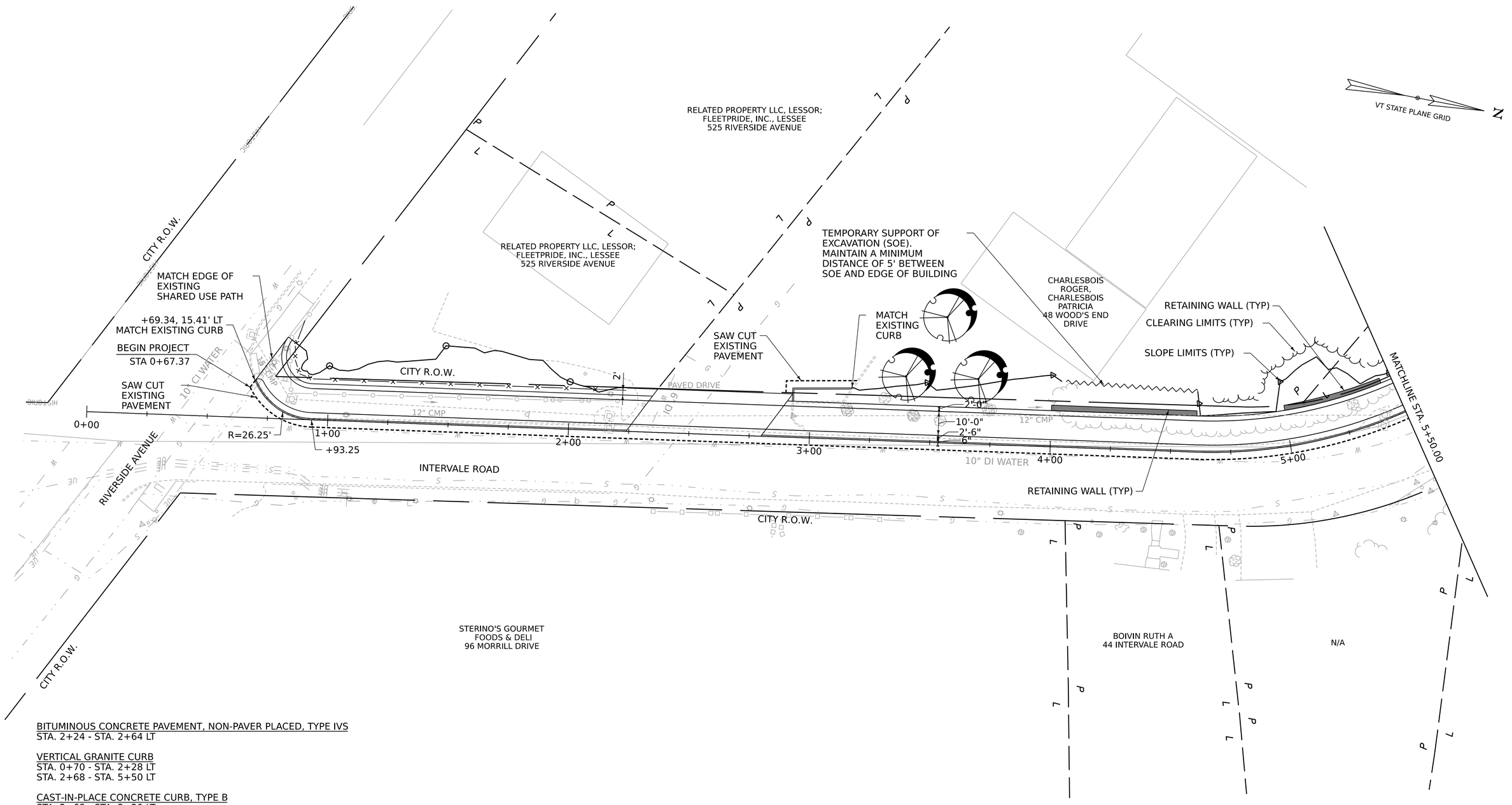
0 20 40

SCALE IN FEET

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_bdr_ali.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
ALIGNMENT SHEETS (3 OF 3)

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 19 OF 69



BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS
STA. 2+24 - STA. 2+64 LT

VERTICAL GRANITE CURB
STA. 0+70 - STA. 2+28 LT
STA. 2+68 - STA. 5+50 LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 2+68 - STA. 3+20 LT

REMOVAL OF EXISTING CURB
STA. 0+70 - STA. 2+21 LT
STA. 2+93 - STA. 3+20 LT

REMOVING AND RESETTING FENCE
STA. 0+89 - STA. 2+12 LT

RETAINING WALL, PRECAST CONCRETE
STA. 4+00 - STA. 4+60 LT
STA. 5+00 - STA. 5+40 LT

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_nu1.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
LAYOUT PLAN SHEETS (1 OF 4)	SHEET 20 OF 69

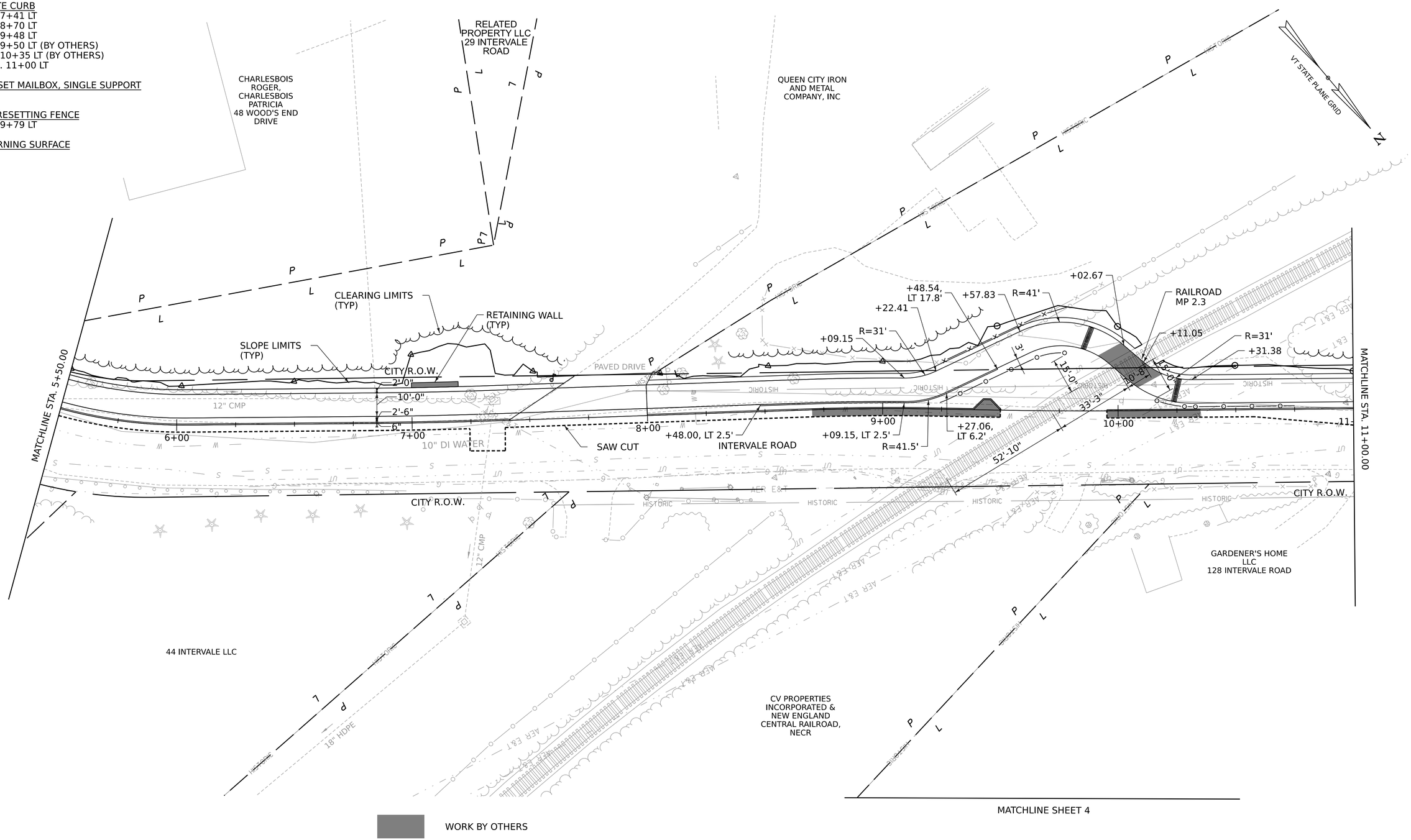
BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS
STA. 7+41 - STA. 8+00 LT

VERTICAL GRANITE CURB
STA. 5+50 - STA. 7+41 LT
STA. 8+00 - STA. 8+70 LT
STA. 8+48 - STA. 9+48 LT
STA. 8+70 - STA. 9+50 LT (BY OTHERS)
STA. 9+95 - STA. 10+35 LT (BY OTHERS)
STA. 10+35 - STA. 11+00 LT

REMOVE AND RESET MAILBOX, SINGLE SUPPORT
STA. 7+60 LT

REMOVING AND RESETTING FENCE
STA. 9+24 - STA. 9+79 LT

DETECTABLE WARNING SURFACE
STA. 9+89 LT
STA. 10+23 LT



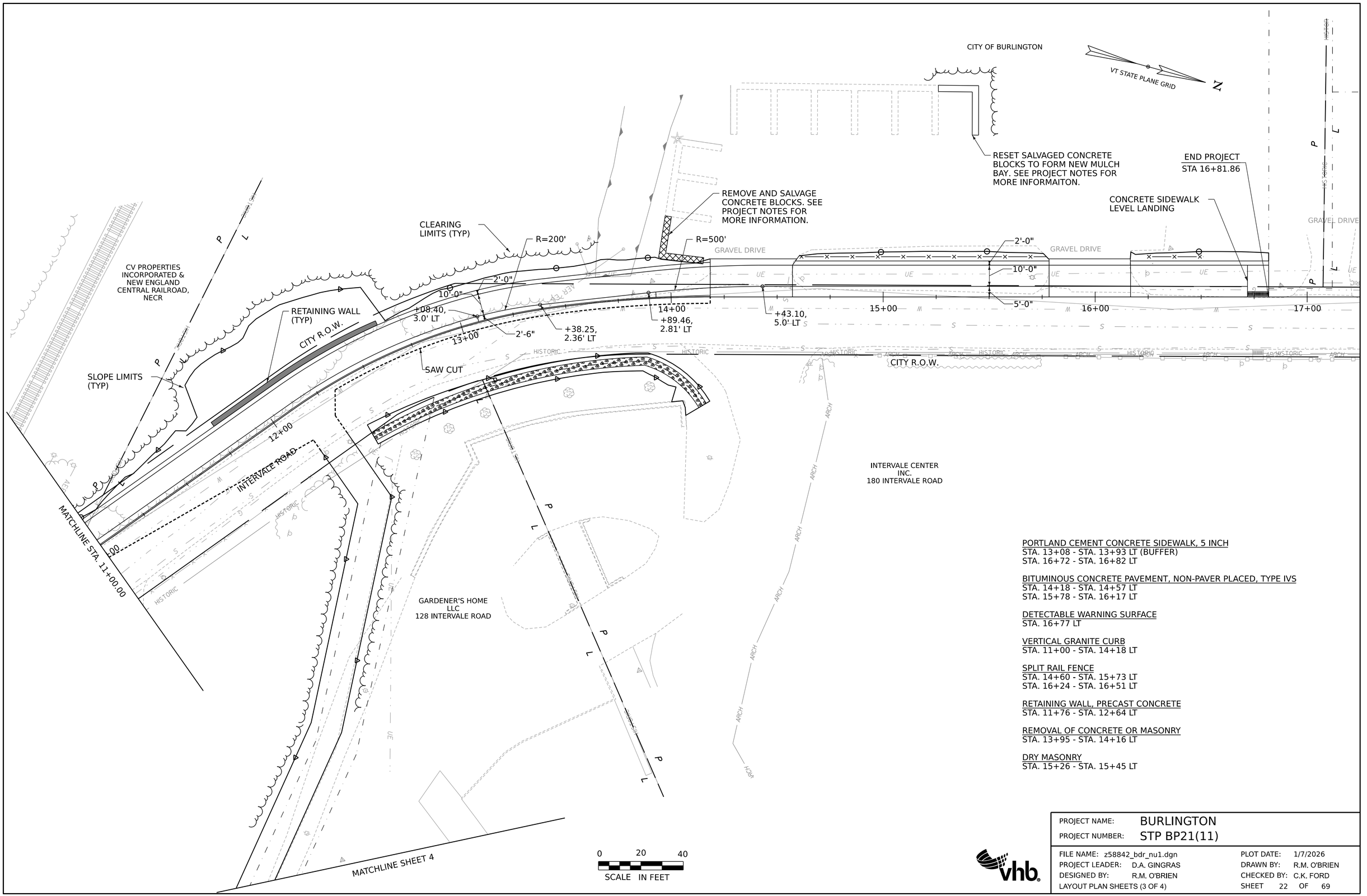
WORK BY OTHERS

RETAINING WALL, PRECAST CONCRETE
STA. 7+00 - STA. 7+20 LT

SQUARE STEEL FENCE (ORNAMENTAL FENCE, 4')
STA. 9+25 - STA. 9+79 LT
STA. 10+15 - STA. 10+75 LT

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_nu1.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
LAYOUT PLAN SHEETS (2 OF 4)	SHEET 21 OF 69



PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 13+08 - STA. 13+93 LT (BUFFER)
STA. 16+72 - STA. 16+82 LT

BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS
STA. 14+18 - STA. 14+57 LT
STA. 15+78 - STA. 16+17 LT

DETECTABLE WARNING SURFACE
STA. 16+77 LT

VERTICAL GRANITE CURB
STA. 11+00 - STA. 14+18 LT

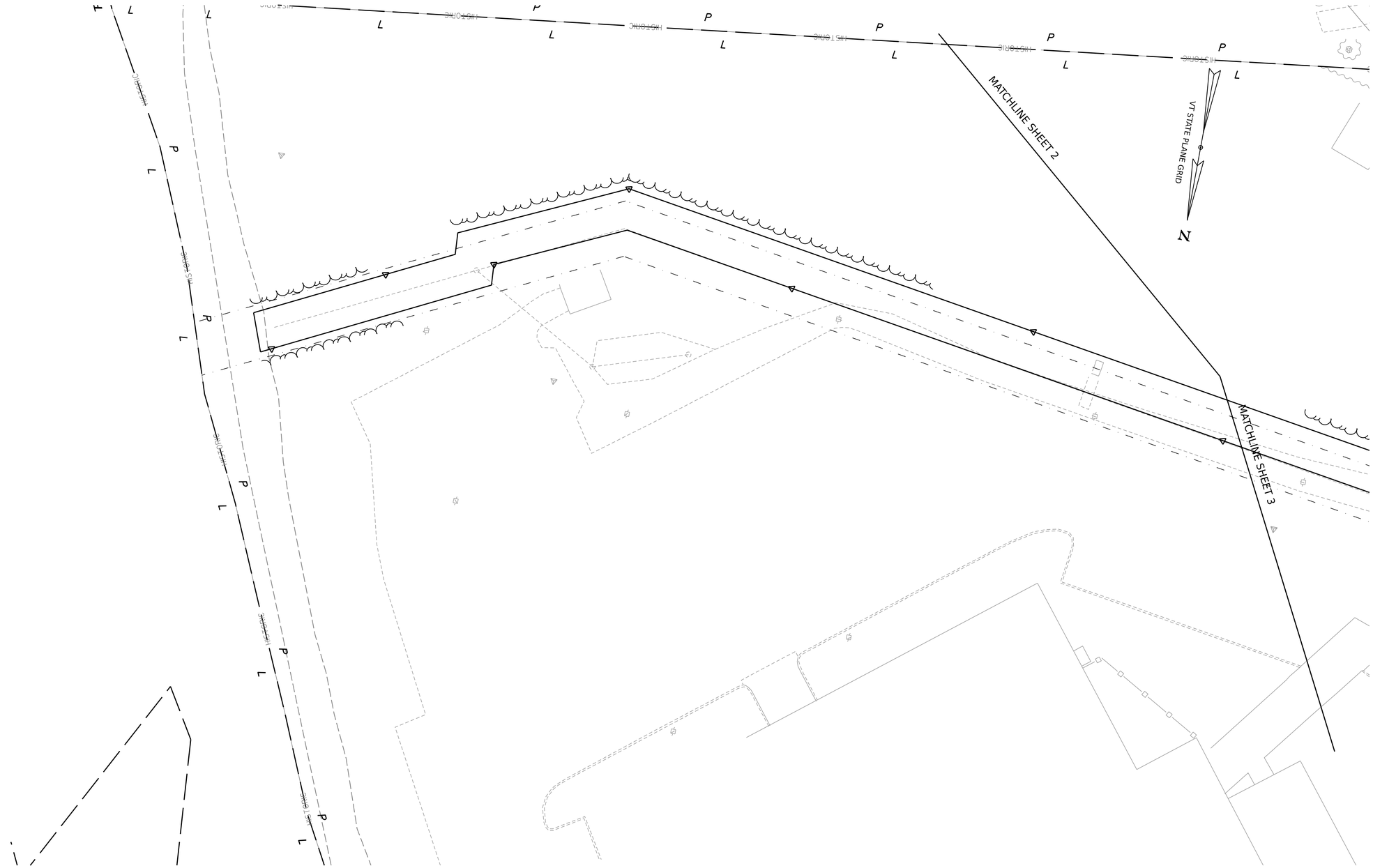
SPLIT RAIL FENCE
STA. 14+60 - STA. 15+73 LT
STA. 16+24 - STA. 16+51 LT

RETAINING WALL, PRECAST CONCRETE
STA. 11+76 - STA. 12+64 LT

REMOVAL OF CONCRETE OR MASONRY
STA. 13+95 - STA. 14+16 LT

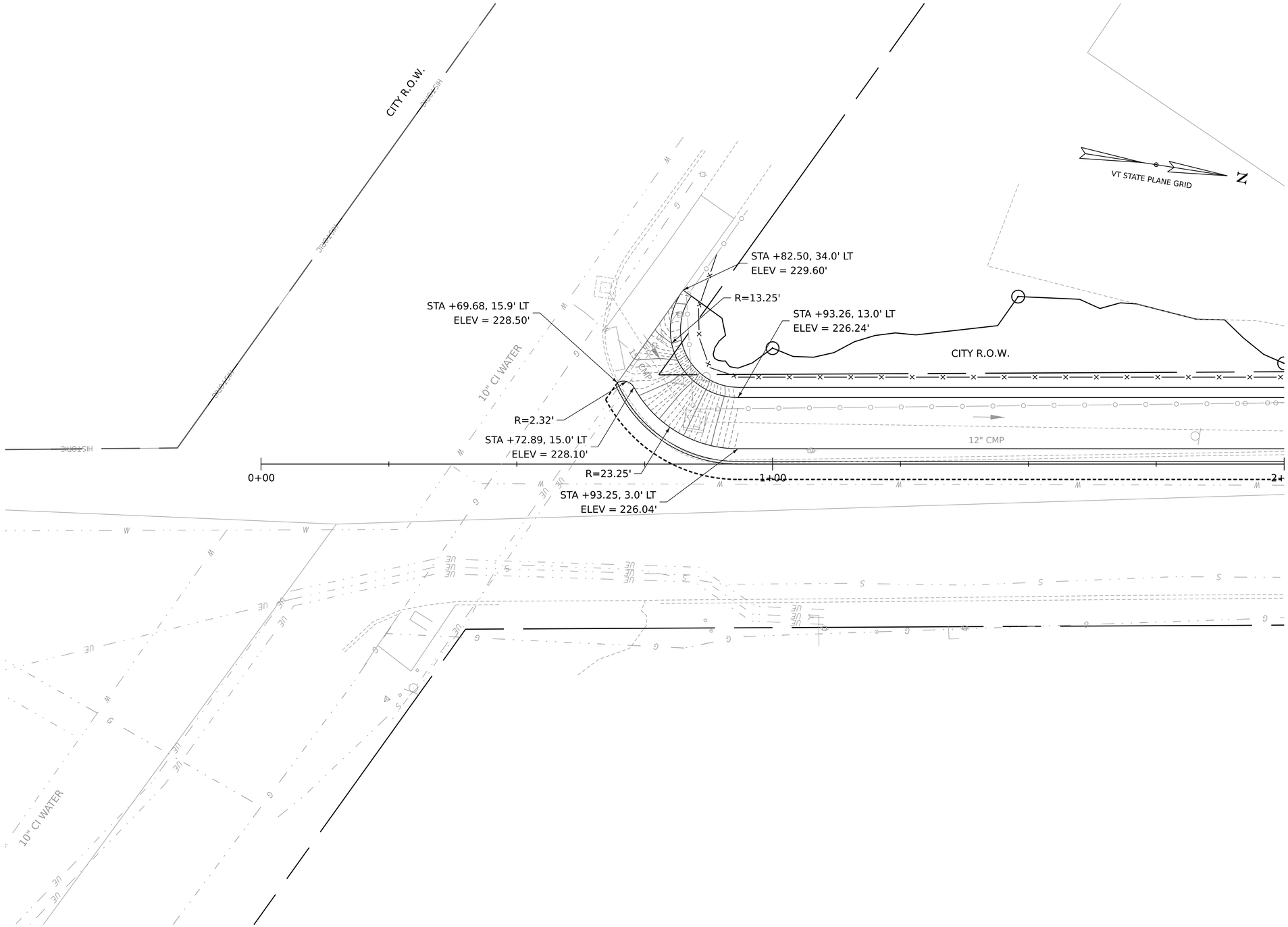
DRY MASONRY
STA. 15+26 - STA. 15+45 LT

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_nu1.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
LAYOUT PLAN SHEETS (3 OF 4)	SHEET 22 OF 69



0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_nu1.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
LAYOUT PLAN SHEETS (4 OF 4)		SHEET	23 OF 69

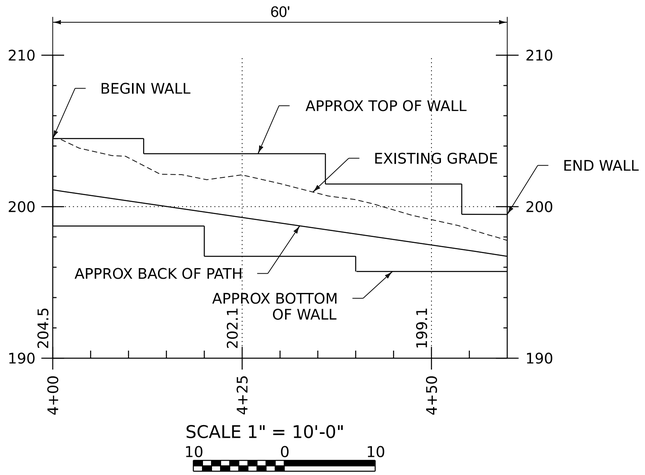


0 10 20
SCALE IN FEET

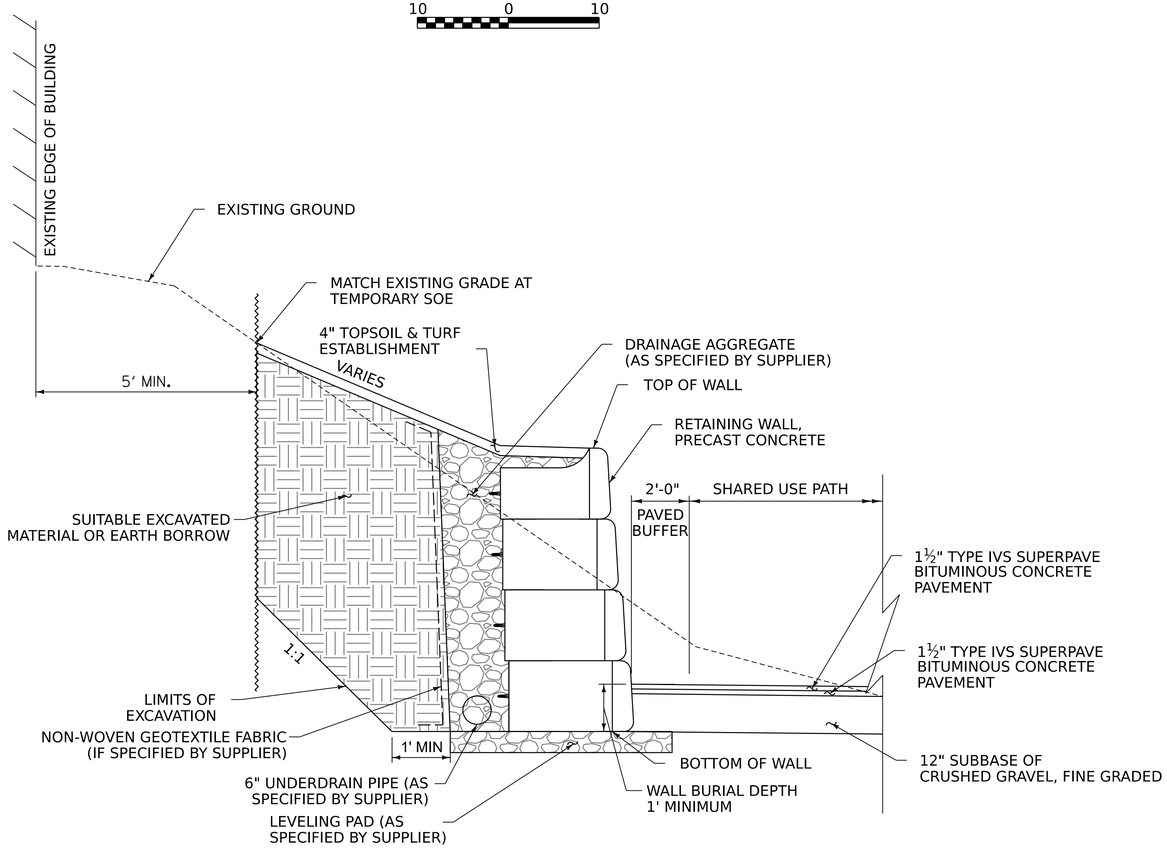
PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)

FILE NAME: z58842_bdr_grading.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
RIVERSIDE AVE GRADING SHEET		SHEET	24 OF 69

*NOTE: TOP AND BOTTOM OF WALL SHOWN FOR REFERENCE ONLY. FINAL ELEVATIONS TO BE DETERMINED BY WALL DESIGNER AND MANUFACTURER REQUIREMENTS.

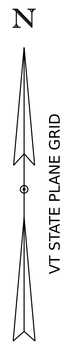


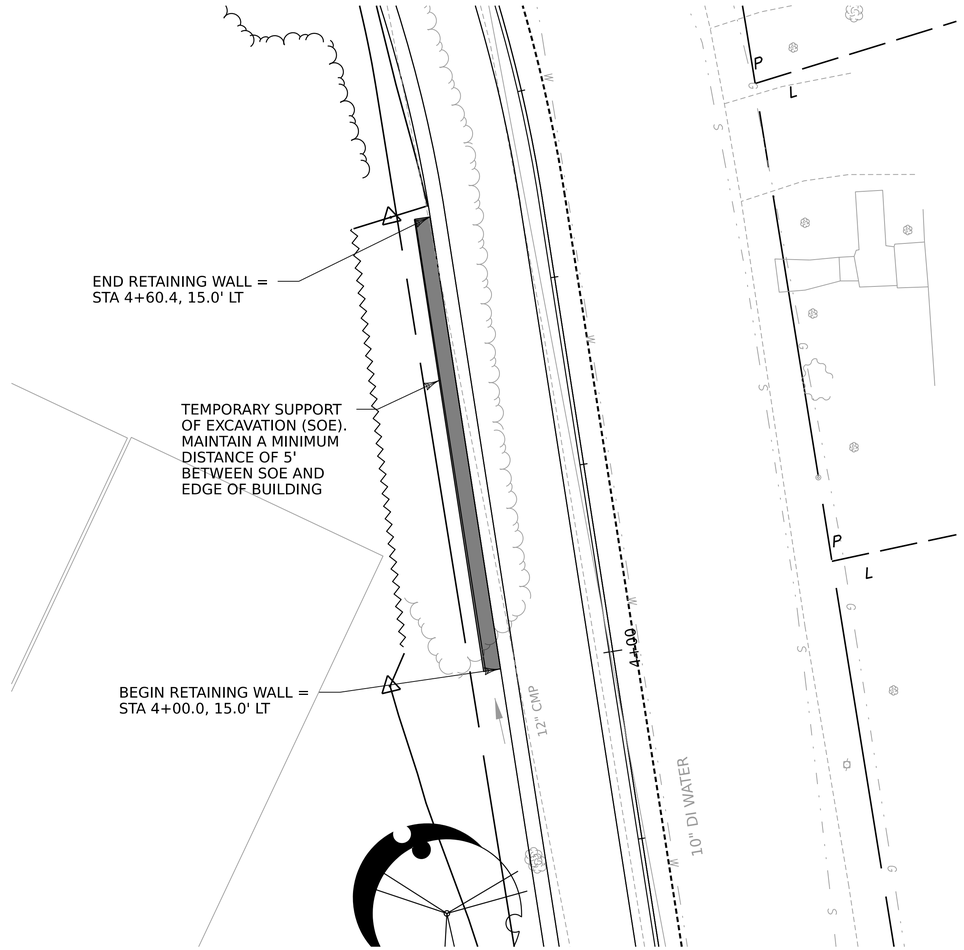
SCALE 1" = 10'-0"
10 0 10



PRECAST CONCRETE RETAINING WALL WITH SUPPORT OF EXCAVATION DETAIL

N.T.S.

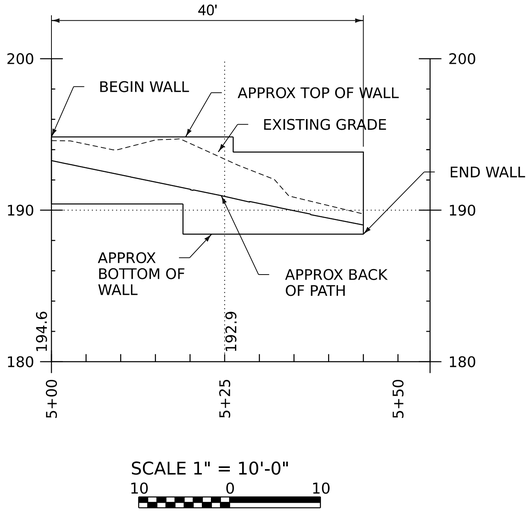




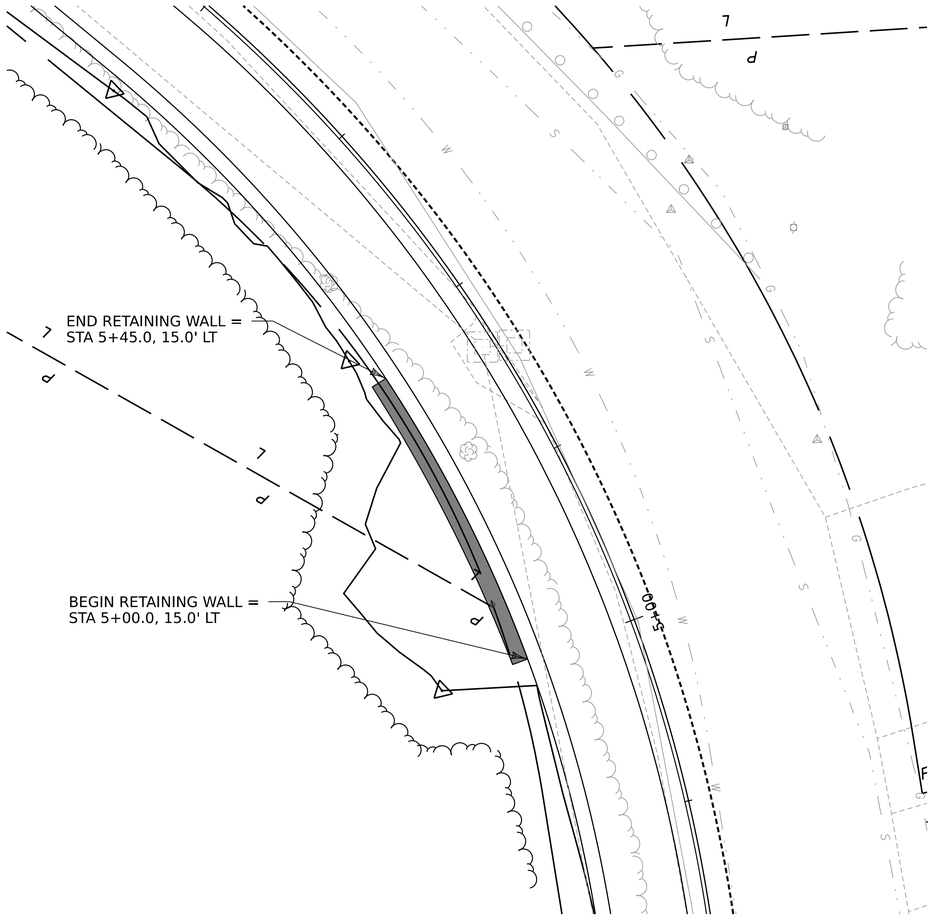
SCALE 1" = 10'-0"
10 0 10

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_pro_wall.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
RETAINING WALL PROFILE SHEETS (1 OF 4)	SHEET 25 OF 69

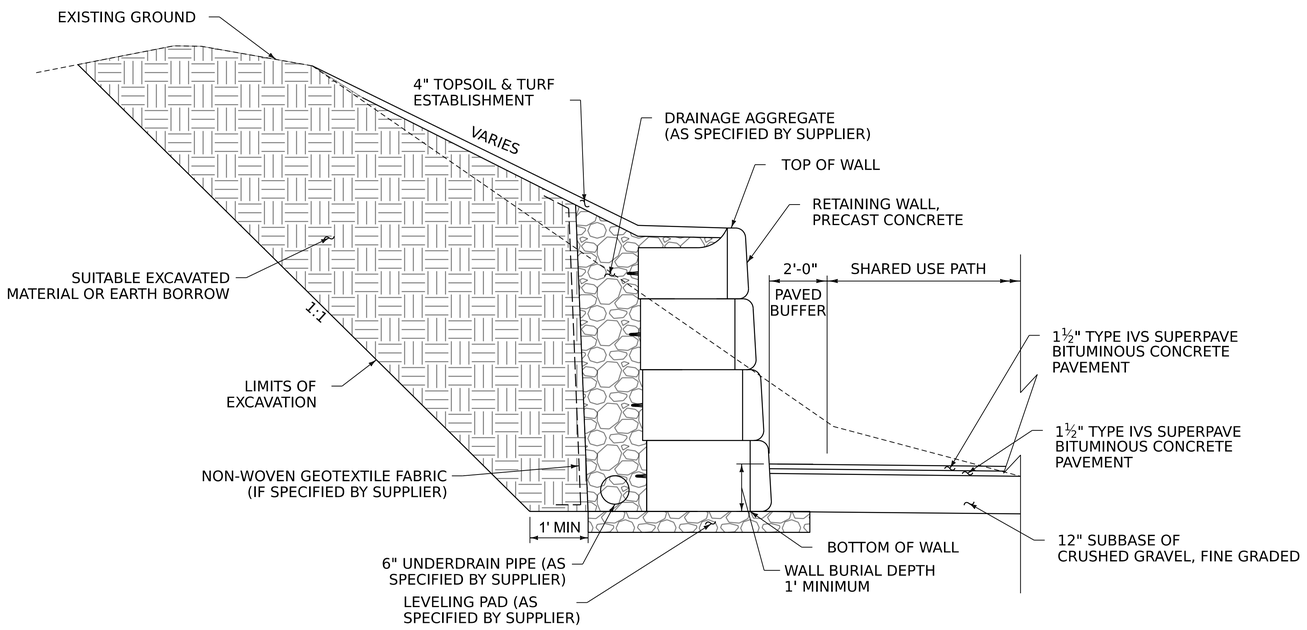
*NOTE: TOP AND BOTTOM OF WALL SHOWN FOR REFERENCE ONLY. FINAL ELEVATIONS TO BE DETERMINED BY WALL DESIGNER AND MANUFACTURER REQUIREMENTS.



SCALE 1" = 10'-0"
10 0 10



SCALE 1" = 10'-0"
10 0 10



PRECAST CONCRETE RETAINING WALL DETAIL

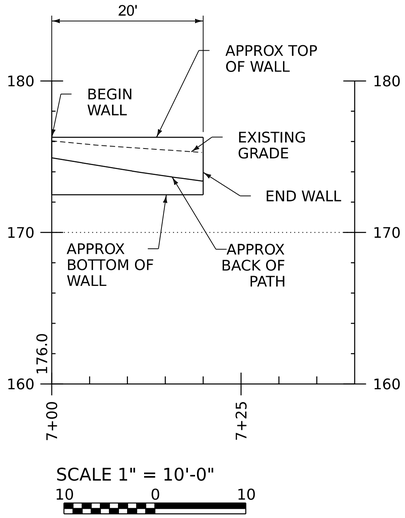
N.T.S.

N

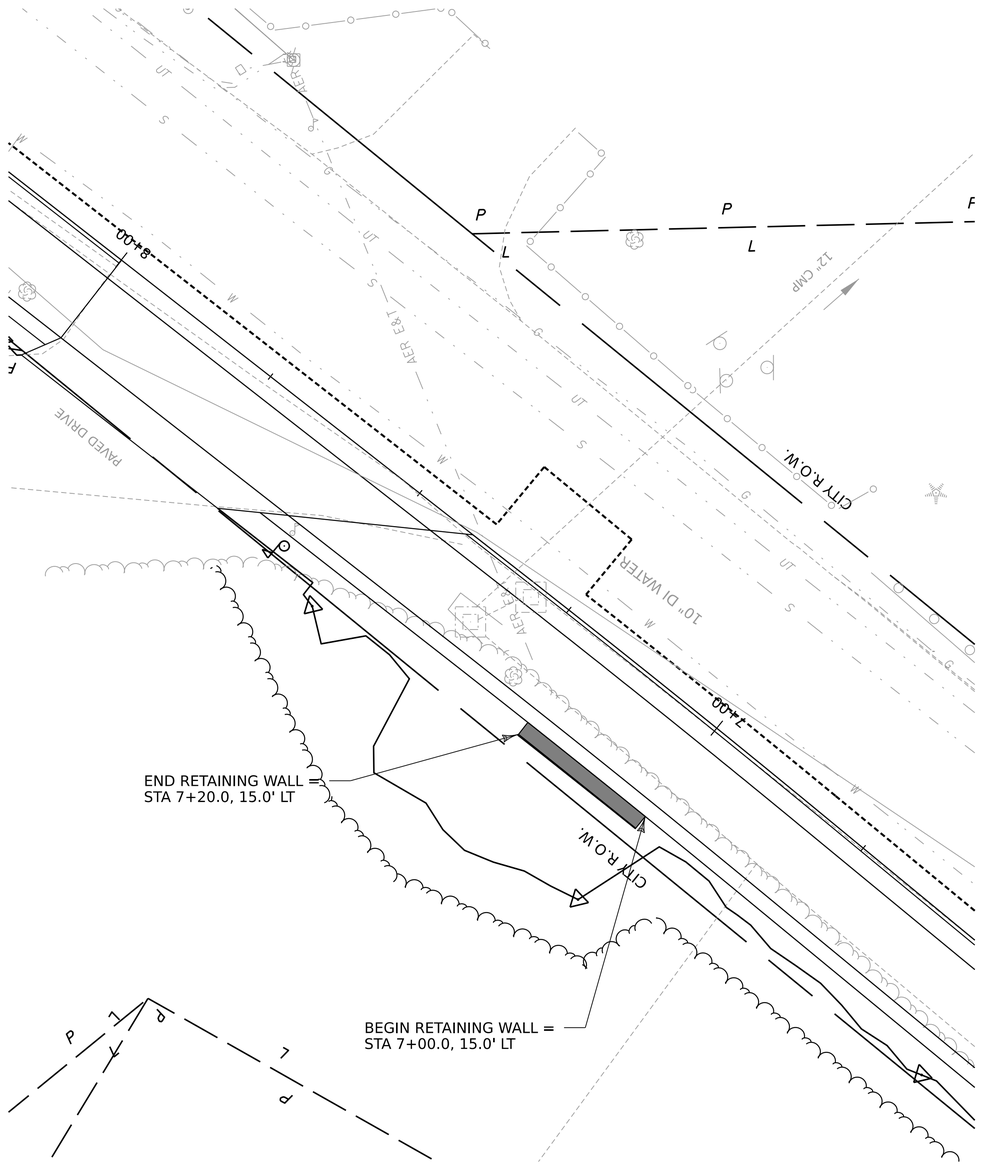
VT STATE PLANE GRID

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_pro_wall.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
RETAINING WALL PROFILE SHEETS (2 OF 4)	SHEET 26 OF 69

*NOTE: TOP AND BOTTOM OF WALL SHOWN FOR REFERENCE ONLY. FINAL ELEVATIONS TO BE DETERMINED BY WALL DESIGNER AND MANUFACTURER REQUIREMENTS.



SCALE 1" = 10'-0"
10 0 10

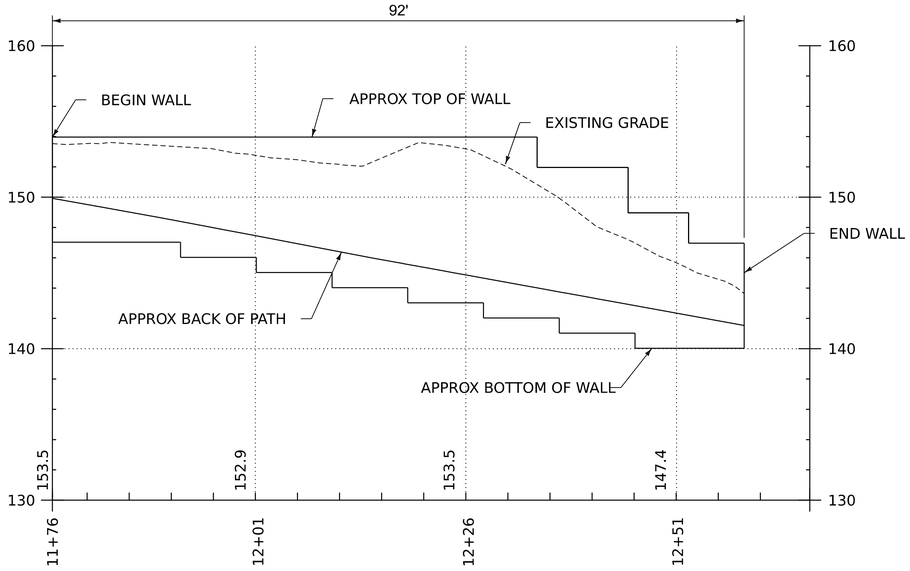


SCALE 1" = 10'-0"
10 0 10

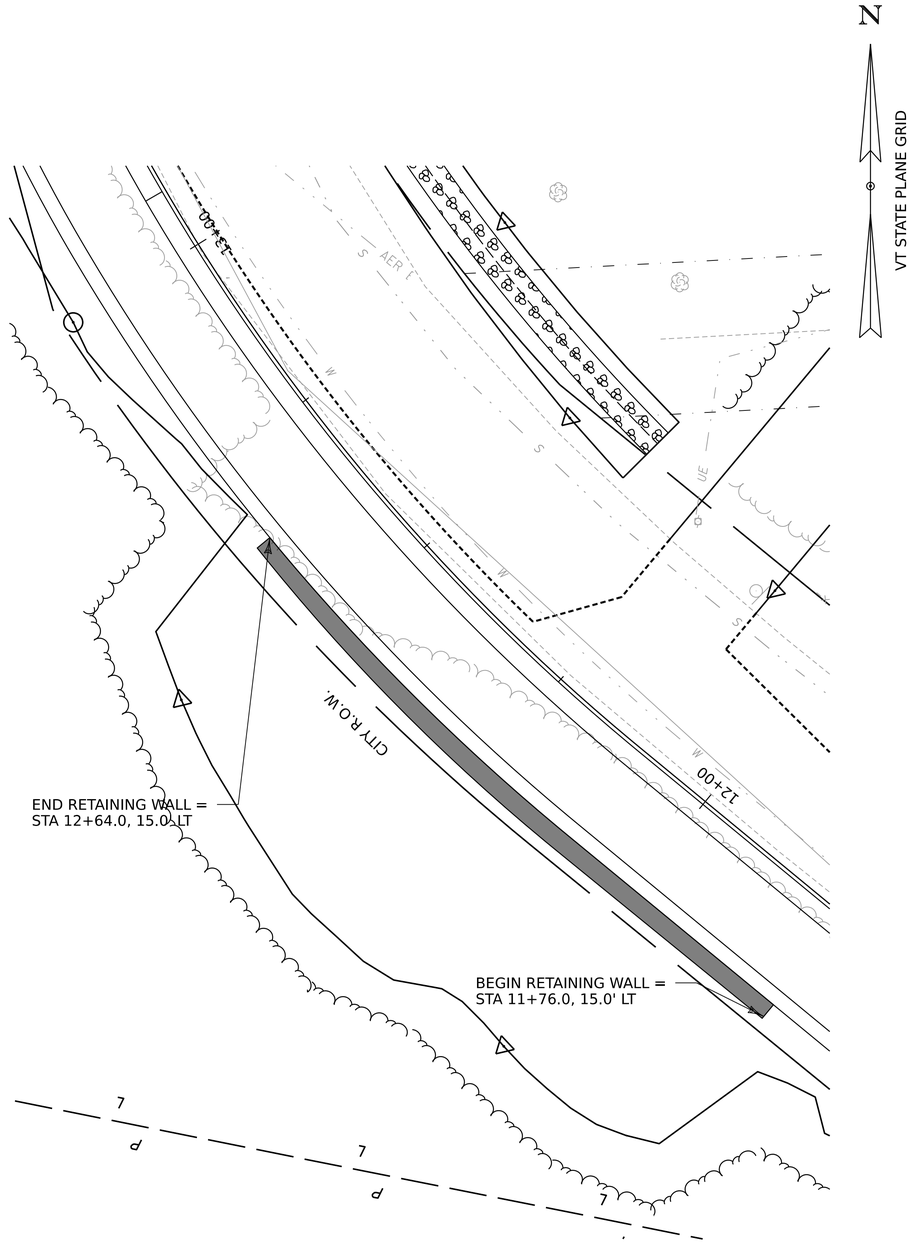
PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)

FILE NAME:	z58842_pro_wall.dgn	PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
RETAINING WALL PROFILE SHEETS (3 OF 4)		SHEET	27 OF 69

*NOTE: TOP AND BOTTOM OF WALL SHOWN FOR REFERENCE ONLY. FINAL ELEVATIONS TO BE DETERMINED BY WALL DESIGNER AND MANUFACTURER REQUIREMENTS.

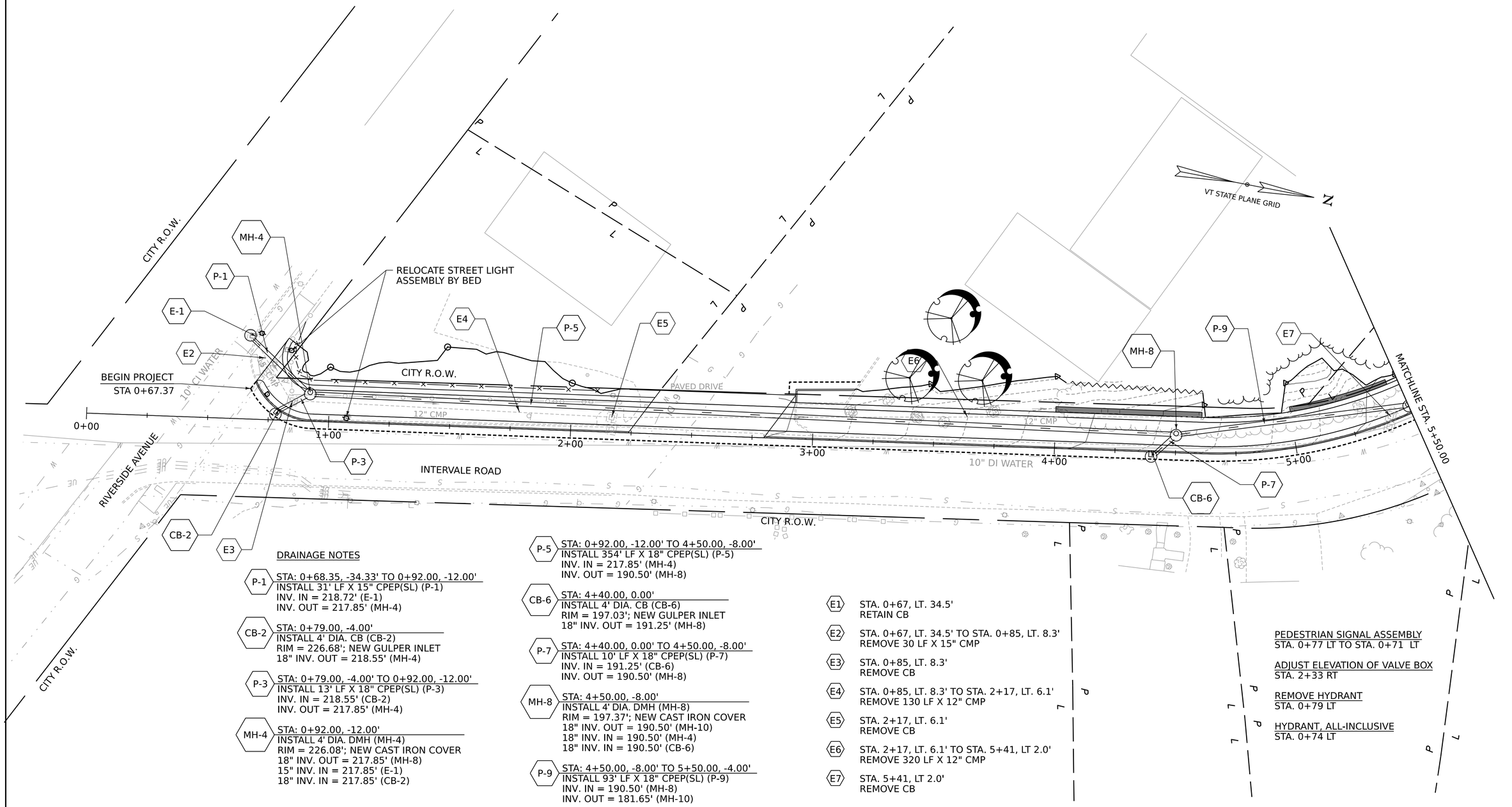


SCALE 1" = 10'-0"
10 0 10



SCALE 1" = 10'-0"
10 0 10

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_pro_wall.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
RETAINING WALL PROFILE SHEETS (4 OF 4)	SHEET 28 OF 69



DRAINAGE NOTES

P-1
STA: 0+68.35, -34.33' TO 0+92.00, -12.00'
INSTALL 31' LF X 15" CPEP(SL) (P-1)
INV. IN = 218.72' (E-1)
INV. OUT = 217.85' (MH-4)

CB-2
STA: 0+79.00, -4.00'
INSTALL 4' DIA. CB (CB-2)
RIM = 226.68'; NEW GULPER INLET
18" INV. OUT = 218.55' (MH-4)

P-3
STA: 0+79.00, -4.00' TO 0+92.00, -12.00'
INSTALL 13' LF X 18" CPEP(SL) (P-3)
INV. IN = 218.55' (CB-2)
INV. OUT = 217.85' (MH-4)

MH-4
STA: 0+92.00, -12.00'
INSTALL 4' DIA. DMH (MH-4)
RIM = 226.08'; NEW CAST IRON COVER
18" INV. OUT = 217.85' (MH-8)
15" INV. IN = 217.85' (E-1)
18" INV. IN = 217.85' (CB-2)

P-5
STA: 0+92.00, -12.00' TO 4+50.00, -8.00'
INSTALL 354' LF X 18" CPEP(SL) (P-5)
INV. IN = 217.85' (MH-4)
INV. OUT = 190.50' (MH-8)

CB-6
STA: 4+40.00, 0.00'
INSTALL 4' DIA. CB (CB-6)
RIM = 197.03'; NEW GULPER INLET
18" INV. OUT = 191.25' (MH-8)

P-7
STA: 4+40.00, 0.00' TO 4+50.00, -8.00'
INSTALL 10' LF X 18" CPEP(SL) (P-7)
INV. IN = 191.25' (CB-6)
INV. OUT = 190.50' (MH-8)

MH-8
STA: 4+50.00, -8.00'
INSTALL 4' DIA. DMH (MH-8)
RIM = 197.37'; NEW CAST IRON COVER
18" INV. OUT = 190.50' (MH-10)
18" INV. IN = 190.50' (MH-4)
18" INV. IN = 190.50' (CB-6)

P-9
STA: 4+50.00, -8.00' TO 5+50.00, -4.00'
INSTALL 93' LF X 18" CPEP(SL) (P-9)
INV. IN = 190.50' (MH-8)
INV. OUT = 181.65' (MH-10)

E1 STA. 0+67, LT. 34.5'
RETAIN CB

E2 STA. 0+67, LT. 34.5' TO STA. 0+85, LT. 8.3'
REMOVE 30 LF X 15" CMP

E3 STA. 0+85, LT. 8.3'
REMOVE CB

E4 STA. 0+85, LT. 8.3' TO STA. 2+17, LT. 6.1'
REMOVE 130 LF X 12" CMP

E5 STA. 2+17, LT. 6.1'
REMOVE CB

E6 STA. 2+17, LT. 6.1' TO STA. 5+41, LT 2.0'
REMOVE 320 LF X 12" CMP

E7 STA. 5+41, LT 2.0'
REMOVE CB

PEDESTRIAN SIGNAL ASSEMBLY
STA. 0+77 LT TO STA. 0+71 LT

ADJUST ELEVATION OF VALVE BOX
STA. 2+33 RT

REMOVE HYDRANT
STA. 0+79 LT

HYDRANT, ALL-INCLUSIVE
STA. 0+74 LT

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_drn.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
DRAINAGE & UTILITIES LAYOUT SHEETS (1 OF 4)	SHEET 29 OF 69

DRAINAGE NOTES

MH-10
STA: 5+50.00, -4.00'
INSTALL 4' DIA. DMH (MH-10)
RIM = 188.24'; NEW CAST IRON COVER
18" INV. OUT = 181.65' (MH-12)
18" INV. IN = 181.65' (MH-8)

P-11
STA: 5+50.00, -4.00' TO 6+83.29, -8.38'
INSTALL 127' LF X 18" CPEP(SL) (P-11)
INV. IN = 181.65' (MH-10)
INV. OUT = 169.71' (MH-12)

MH-12
STA: 6+83.29, -8.38'
INSTALL 4' DIA. DMH (MH-12)
RIM = 176.04'; NEW CAST IRON COVER
18" INV. OUT = 169.71' (MH-18)
18" INV. IN = 169.71' (MH-10)
15" INV. IN = 169.71' (E-22)

P-13
STA: 6+83.29, -8.38' TO 7+32.00, -8.50'
INSTALL 44' LF X 18" CPEP(SL) (P-13)
INV. IN = 169.71' (MH-12)
INV. OUT = 165.30' (MH-18)

CB-14
STA: 7+20.00, 0.02'
INSTALL 4' DIA. CB (CB-14)
RIM = 171.79'; NEW GULPER INLET
24" INV. OUT = 167.10' (MH-18)

P-15
STA: 7+20.00, 0.02' TO 7+31.96, 9.91'
INSTALL 10' LF X 24" CPEP(SL) (P-15)
INV. IN = 167.10' (CB-14)
INV. OUT = 166.90' (MH-18)

MH-16
STA: 7+31.96, 9.91'
INSTALL 4' DIA. DMH (MH-16)
RIM = 171.56'; NEW CAST IRON COVER
12" INV. OUT = 164.96' (E-11)
18" INV. IN = 165.06' (MH-18)

P-17
STA: 7+32.00, -8.50' TO 7+31.96, 9.91'
INSTALL 12' LF X 18" CPEP(SL) (P-17)
INV. IN = 165.30' (MH-18)
INV. OUT = 165.06' (MH-16)

MH-18
STA: 7+32.00, -8.50'
INSTALL 6' DIA. DMH (MH-18)
RIM = 172.53'; NEW CAST IRON COVER
30" INV. OUT = 167.10' (MH-20)
18" INV. OUT = 165.30' (MH-16)
24" INV. IN = 166.90' (CB-14)
18" INV. IN = 165.30' (MH-12)

P-19
STA: 7+32.00, -8.50' TO 9+11.72, -5.67'
INSTALL 175' LF X 30" CPEP(SL) (P-19)
INV. IN = 167.10' (MH-18)
INV. OUT = 154.52' (MH-20)

MH-20
STA: 9+11.72, -5.67'
INSTALL 4' DIA. DMH (MH-20)
RIM = 162.14'; NEW CAST IRON COVER
30" INV. OUT = 154.52' (MH-28)
30" INV. IN = 154.52' (MH-18)
15" INV. IN = 156.50' (CB-22)

P-21
STA: 9+44.23, -2.36' TO 9+56.57, -30.08'
INSTALL 45' LF X 30" CPEP(SL) (P-21)
INV. IN = 154.52' (MH-20)
INV. OUT = 152.24' (MH-28)

CB-22
STA: 9+44.23, -2.36'
INSTALL 4' DIA. CB (CB-22)
RIM = 160.89'; NEW GULPER INLET
30" INV. OUT = 154.52' (MH-28)

P-23
STA: 9+44.23, -2.36' TO 9+11.72, -5.67'
INSTALL 13' LF X 15" CPEP(SL) (P-23)
INV. IN = 157.50' (CB-22)
INV. OUT = 156.50' (CB-24)

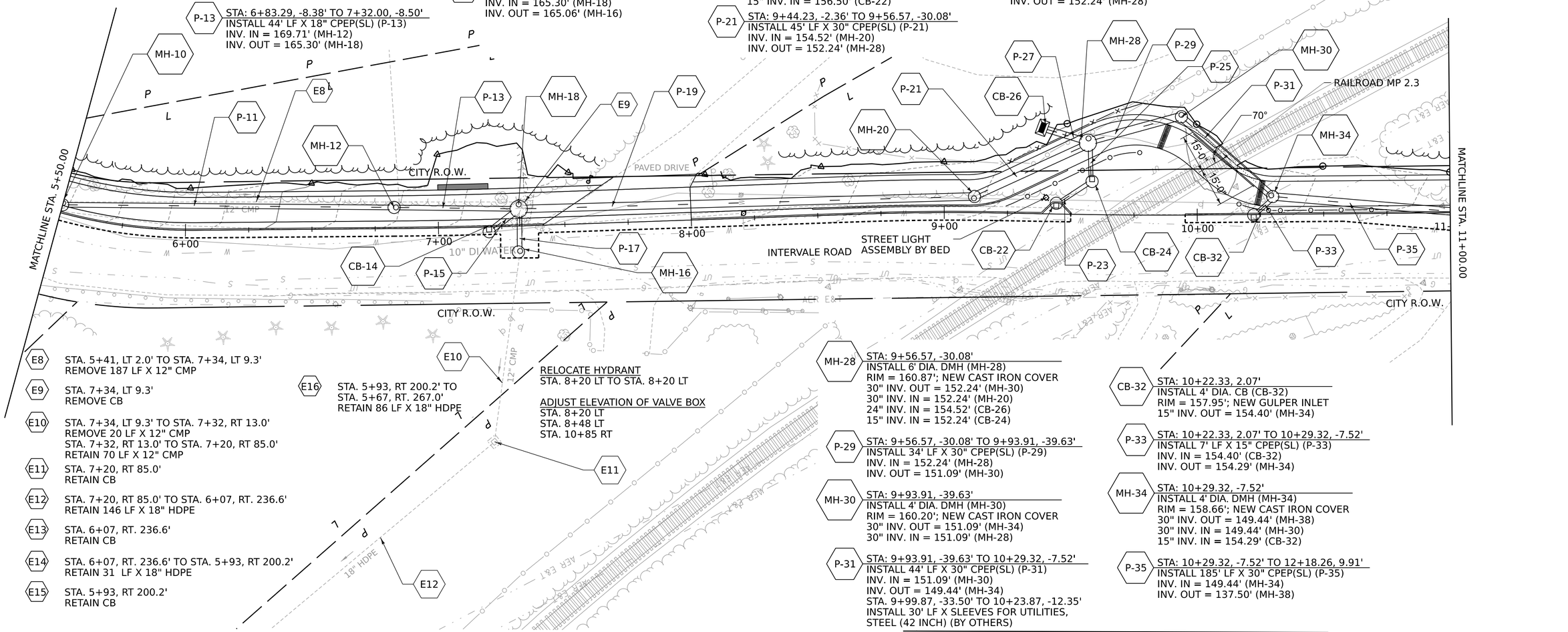
CB-24
STA: 9+58.25, -15.00'
INSTALL 4' DIA. CB (CB-24)
RIM = 159.76'; NEW CAST IRON GRATE, TYPE D
15" INV. OUT = 153.55' (MH-28)

P-25
STA: 9+58.25, -15.00' TO 9+56.57, -30.08'
INSTALL 11' LF X 15" CPEP(SL) (P-25)
INV. IN = 153.55' (CB-24)
INV. OUT = 152.24' (MH-28)

CB-26
STA: 9+38.25, -34.00'
INSTALL 5' DIA. CB (CB-26)
RIM = 158.78'; NEW CAST IRON DOUBLE GRATE
24" INV. OUT = 154.18' (MH-28)

P-27
STA: 9+38.25, -34.00' TO 9+56.57, -30.08'
INSTALL 14' LF X 24" CPEP(SL) (P-27)
INV. IN = 154.18' (CB-26)
INV. OUT = 154.52' (MH-28)

VT STATE PLANE GRID



E8 STA. 5+41, LT 2.0' TO STA. 7+34, LT 9.3'
REMOVE 187 LF X 12" CMP

E9 STA. 7+34, LT 9.3'
REMOVE CB

E10 STA. 7+34, LT 9.3' TO STA. 7+32, RT 13.0'
REMOVE 20 LF X 12" CMP
STA. 7+32, RT 13.0' TO STA. 7+20, RT 85.0'
RETAIN 70 LF X 12" CMP

E11 STA. 7+20, RT 85.0'
RETAIN CB

E12 STA. 7+20, RT 85.0' TO STA. 6+07, RT. 236.6'
RETAIN 146 LF X 18" HDPE

E13 STA. 6+07, RT. 236.6'
RETAIN CB

E14 STA. 6+07, RT. 236.6' TO STA. 5+93, RT 200.2'
RETAIN 31 LF X 18" HDPE

E15 STA. 5+93, RT 200.2'
RETAIN CB

E16 STA. 5+93, RT 200.2' TO
STA. 5+67, RT. 267.0'
RETAIN 86 LF X 18" HDPE

MH-28 STA: 9+56.57, -30.08'
INSTALL 6' DIA. DMH (MH-28)
RIM = 160.87'; NEW CAST IRON COVER
30" INV. OUT = 152.24' (MH-30)
30" INV. IN = 152.24' (MH-20)
24" INV. IN = 154.52' (CB-26)
15" INV. IN = 152.24' (CB-24)

P-29 STA: 9+56.57, -30.08' TO 9+93.91, -39.63'
INSTALL 34' LF X 30" CPEP(SL) (P-29)
INV. IN = 152.24' (MH-28)
INV. OUT = 151.09' (MH-30)

MH-30 STA: 9+93.91, -39.63'
INSTALL 4' DIA. DMH (MH-30)
RIM = 160.20'; NEW CAST IRON COVER
30" INV. OUT = 151.09' (MH-34)
30" INV. IN = 151.09' (MH-28)

P-31 STA: 9+93.91, -39.63' TO 10+29.32, -7.52'
INSTALL 44' LF X 30" CPEP(SL) (P-31)
INV. IN = 151.09' (MH-30)
INV. OUT = 149.44' (MH-34)
STA. 9+99.87, -33.50' TO 10+23.87, -12.35'
INSTALL 30' LF X SLEEVES FOR UTILITIES,
STEEL (42 INCH) (BY OTHERS)

CB-32 STA: 10+22.33, 2.07'
INSTALL 4' DIA. CB (CB-32)
RIM = 157.95'; NEW GULPER INLET
15" INV. OUT = 154.40' (MH-34)

P-33 STA: 10+22.33, 2.07' TO 10+29.32, -7.52'
INSTALL 7' LF X 15" CPEP(SL) (P-33)
INV. IN = 154.40' (CB-32)
INV. OUT = 154.29' (MH-34)

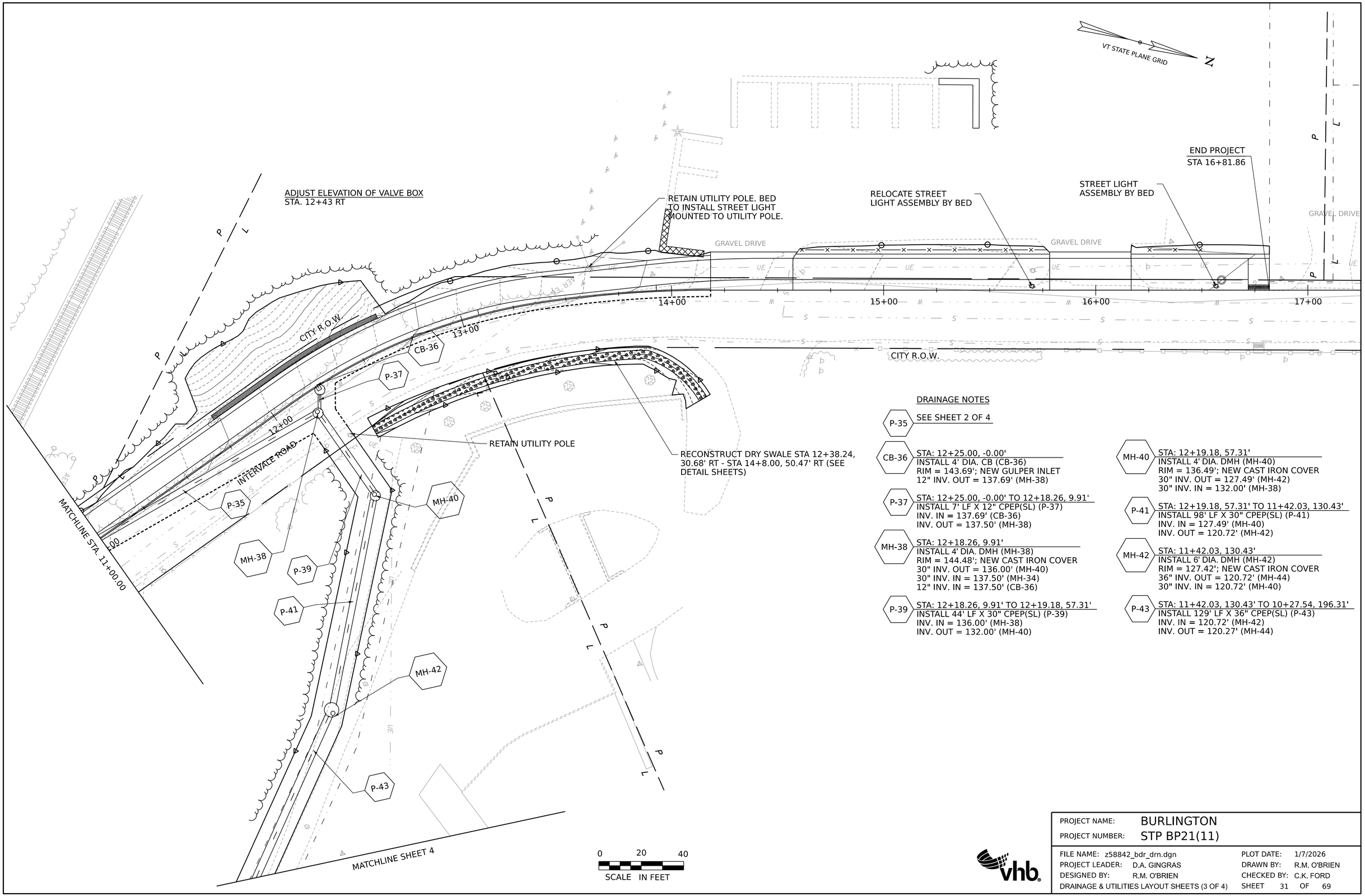
MH-34 STA: 10+29.32, -7.52'
INSTALL 4' DIA. DMH (MH-34)
RIM = 158.66'; NEW CAST IRON COVER
30" INV. OUT = 149.44' (MH-38)
30" INV. IN = 149.44' (MH-30)
15" INV. IN = 154.29' (CB-32)

P-35 STA: 10+29.32, -7.52' TO 12+18.26, 9.91'
INSTALL 185' LF X 30" CPEP(SL) (P-35)
INV. IN = 149.44' (MH-34)
INV. OUT = 137.50' (MH-38)

MATCHLINE SHEET 4

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_drn.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
DRAINAGE & UTILITIES LAYOUT SHEETS (2 OF 4)	SHEET 30 OF 69



DRAINAGE NOTES

P-35 SEE SHEET 2 OF 4

CB-36 STA: 12+25.00, -0.00'
INSTALL 4' DIA. CB (CB-36)
RIM = 143.69'; NEW GULPER INLET
12" INV. OUT = 137.69' (MH-38)

P-37 STA: 12+25.00, -0.00' TO 12+18.26, 9.91'
INSTALL 7' LF X 12" CPEP(SL) (P-37)
INV. IN = 137.69' (CB-36)
INV. OUT = 137.50' (MH-38)

MH-38 STA: 12+18.26, 9.91'
INSTALL 4' DIA. DMH (MH-38)
RIM = 144.48'; NEW CAST IRON COVER
30" INV. OUT = 136.00' (MH-40)
30" INV. IN = 137.50' (MH-34)
12" INV. IN = 137.50' (CB-36)

P-39 STA: 12+18.26, 9.91' TO 12+19.18, 57.31'
INSTALL 44' LF X 30" CPEP(SL) (P-39)
INV. IN = 136.00' (MH-38)
INV. OUT = 132.00' (MH-40)

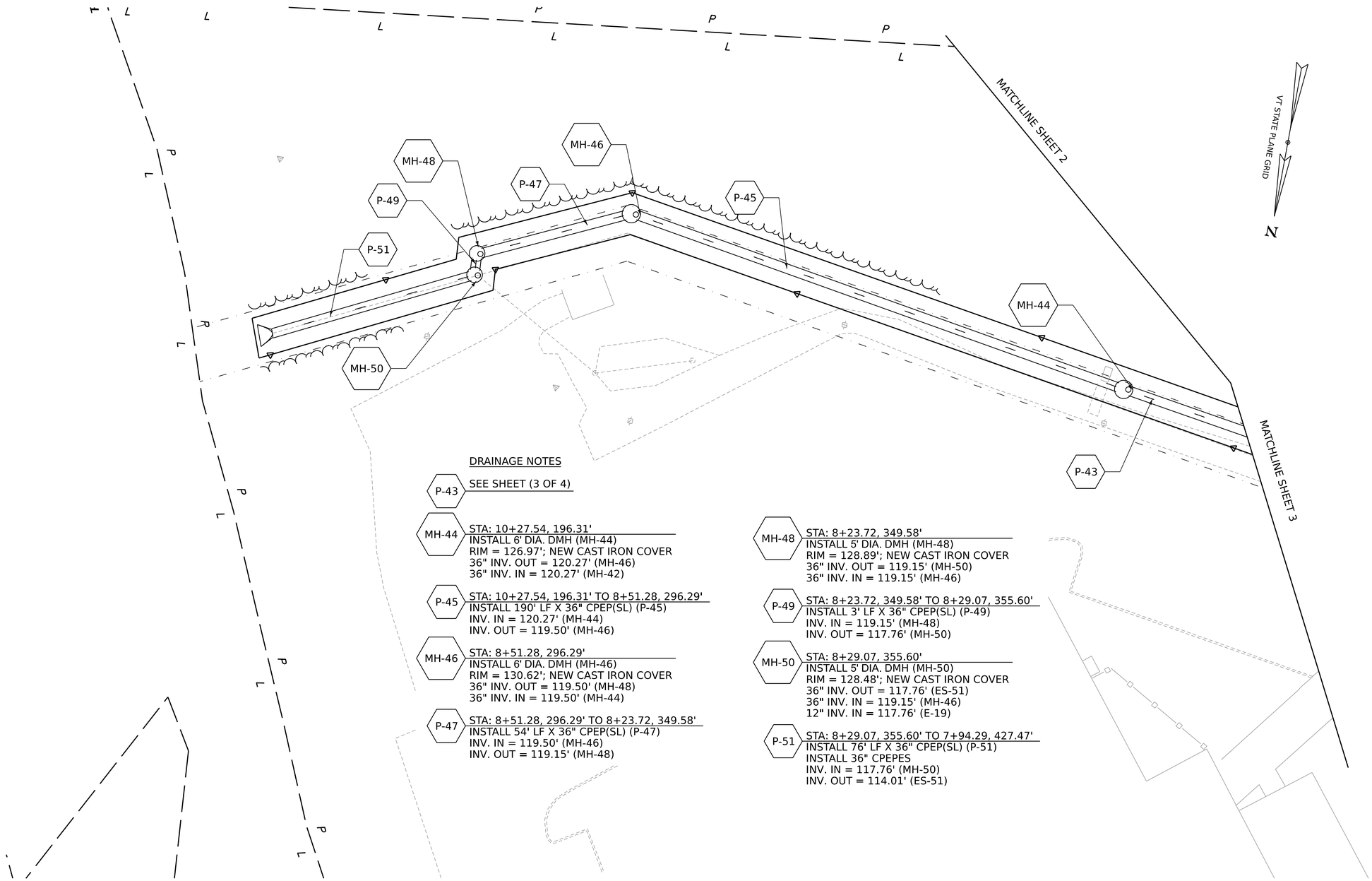
MH-40 STA: 12+19.18, 57.31'
INSTALL 4' DIA. DMH (MH-40)
RIM = 136.49'; NEW CAST IRON COVER
30" INV. OUT = 127.49' (MH-42)
30" INV. IN = 132.00' (MH-38)

P-41 STA: 12+19.18, 57.31' TO 11+42.03, 130.43'
INSTALL 98' LF X 30" CPEP(SL) (P-41)
INV. IN = 127.49' (MH-40)
INV. OUT = 120.72' (MH-42)

MH-42 STA: 11+42.03, 130.43'
INSTALL 6' DIA. DMH (MH-42)
RIM = 127.42'; NEW CAST IRON COVER
36" INV. OUT = 120.72' (MH-44)
30" INV. IN = 120.72' (MH-40)

P-43 STA: 11+42.03, 130.43' TO 10+27.54, 196.31'
INSTALL 129' LF X 36" CPEP(SL) (P-43)
INV. IN = 120.72' (MH-42)
INV. OUT = 120.27' (MH-44)

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_drn.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
DRAINAGE & UTILITIES LAYOUT SHEETS (3 OF 4)	SHEET 31 OF 69



DRAINAGE NOTES

P-43 SEE SHEET (3 OF 4)

MH-44 STA: 10+27.54, 196.31'
INSTALL 6' DIA. DMH (MH-44)
RIM = 126.97'; NEW CAST IRON COVER
36" INV. OUT = 120.27' (MH-46)
36" INV. IN = 120.27' (MH-42)

P-45 STA: 10+27.54, 196.31' TO 8+51.28, 296.29'
INSTALL 190' LF X 36" CPEP(SL) (P-45)
INV. IN = 120.27' (MH-44)
INV. OUT = 119.50' (MH-46)

MH-46 STA: 8+51.28, 296.29'
INSTALL 6' DIA. DMH (MH-46)
RIM = 130.62'; NEW CAST IRON COVER
36" INV. OUT = 119.50' (MH-48)
36" INV. IN = 119.50' (MH-44)

P-47 STA: 8+51.28, 296.29' TO 8+23.72, 349.58'
INSTALL 54' LF X 36" CPEP(SL) (P-47)
INV. IN = 119.50' (MH-46)
INV. OUT = 119.15' (MH-48)

MH-48 STA: 8+23.72, 349.58'
INSTALL 5' DIA. DMH (MH-48)
RIM = 128.89'; NEW CAST IRON COVER
36" INV. OUT = 119.15' (MH-50)
36" INV. IN = 119.15' (MH-46)

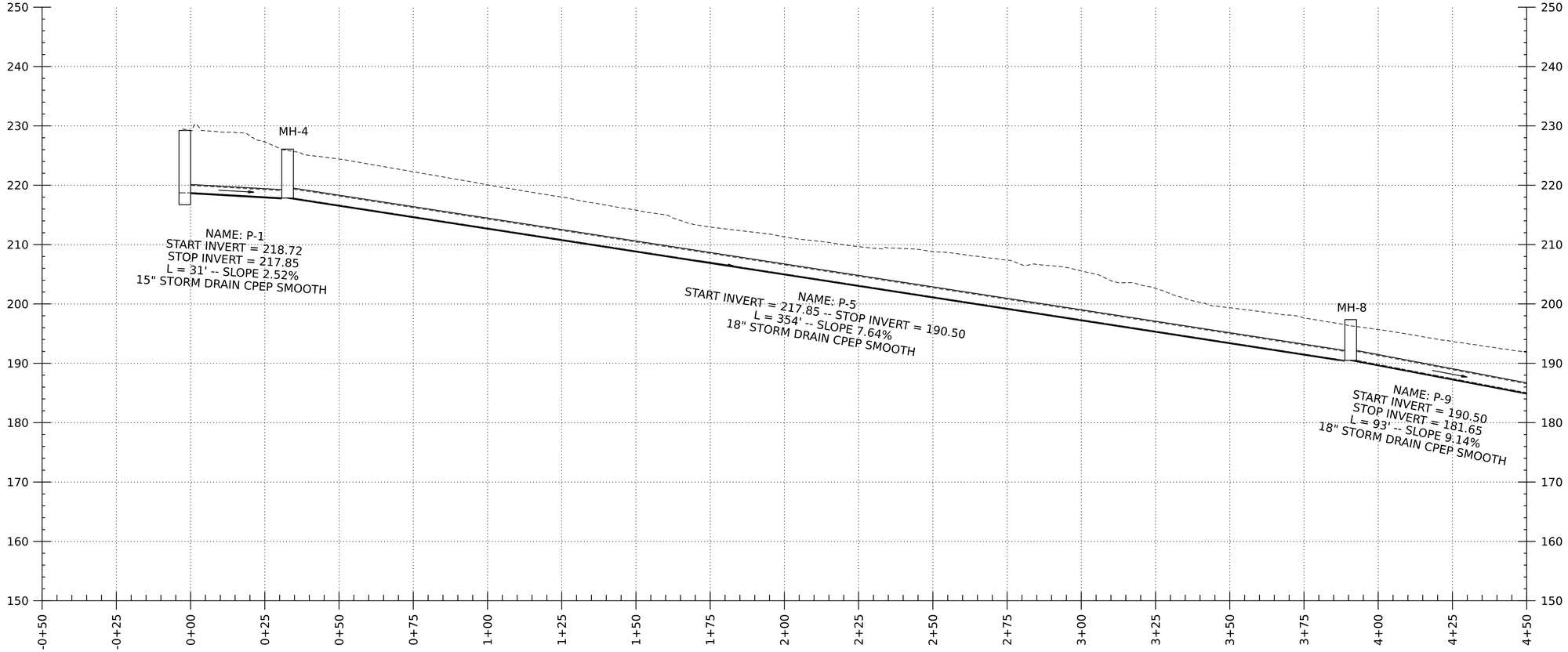
P-49 STA: 8+23.72, 349.58' TO 8+29.07, 355.60'
INSTALL 3' LF X 36" CPEP(SL) (P-49)
INV. IN = 119.15' (MH-48)
INV. OUT = 117.76' (MH-50)

MH-50 STA: 8+29.07, 355.60'
INSTALL 5' DIA. DMH (MH-50)
RIM = 128.48'; NEW CAST IRON COVER
36" INV. OUT = 117.76' (ES-51)
36" INV. IN = 119.15' (MH-46)
12" INV. IN = 117.76' (E-19)

P-51 STA: 8+29.07, 355.60' TO 7+94.29, 427.47'
INSTALL 76' LF X 36" CPEP(SL) (P-51)
INSTALL 36" CPEPES
INV. IN = 117.76' (MH-50)
INV. OUT = 114.01' (ES-51)

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME:	z58842_bdr_drn.dgn	PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
DRAINAGE & UTILITIES LAYOUT SHEETS (4 OF 4)		SHEET 32	OF 69



THE GRADES SHOWN TO THE NEAREST TENTH OF A FOOT IN THE PROFILE ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT.

THE GRADES SHOWN TO THE NEAREST HUNDREDTH OF A FOOT IN THE PROFILE ARE THE FINISH GRADES ALONG THE PROPOSED ALIGNMENT.

STATIONING AND ELEVATIONS IN FEET.

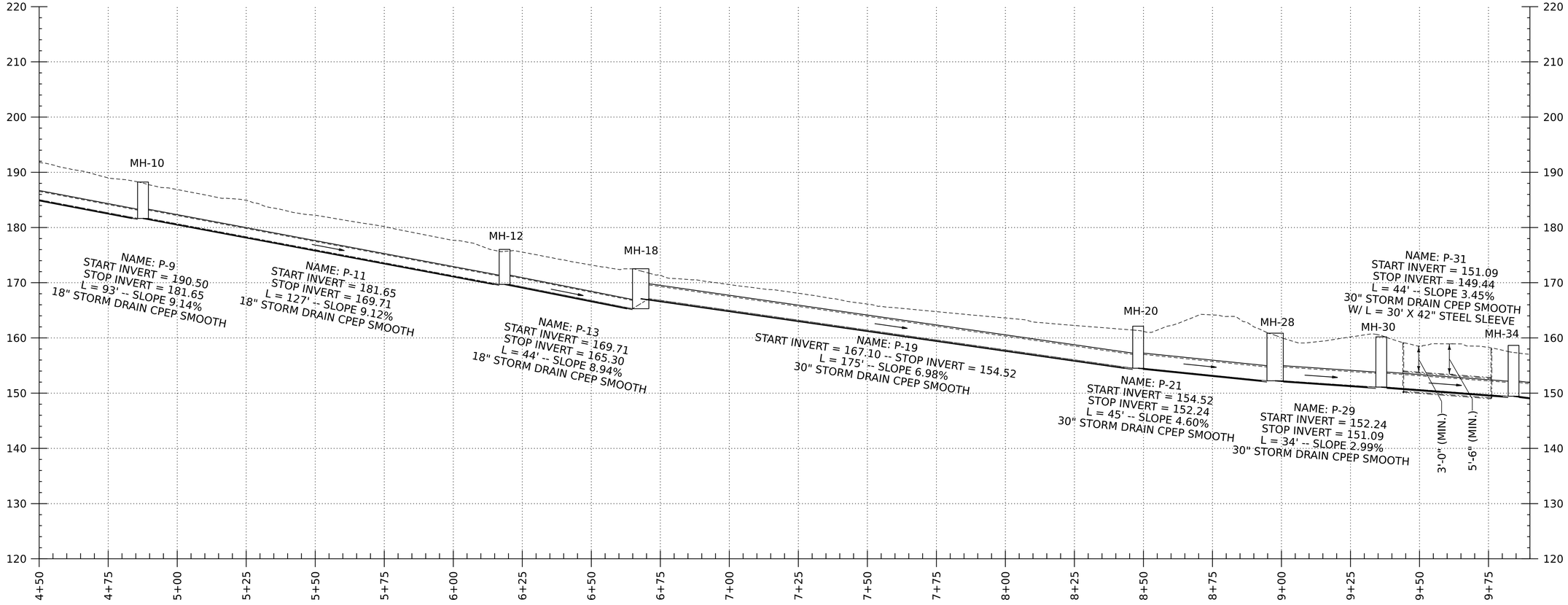
0 20 40
SCALE IN FEET

vhb

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_pro_drn.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
DRAINAGE PROFILE SHEETS (1 OF 4)

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 33 OF 69



THE GRADES SHOWN TO THE NEAREST TENTH OF A FOOT IN THE PROFILE ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT.

THE GRADES SHOWN TO THE NEAREST HUNDREDTH OF A FOOT IN THE PROFILE ARE THE FINISH GRADES ALONG THE PROPOSED ALIGNMENT.

STATIONING AND ELEVATIONS IN FEET.

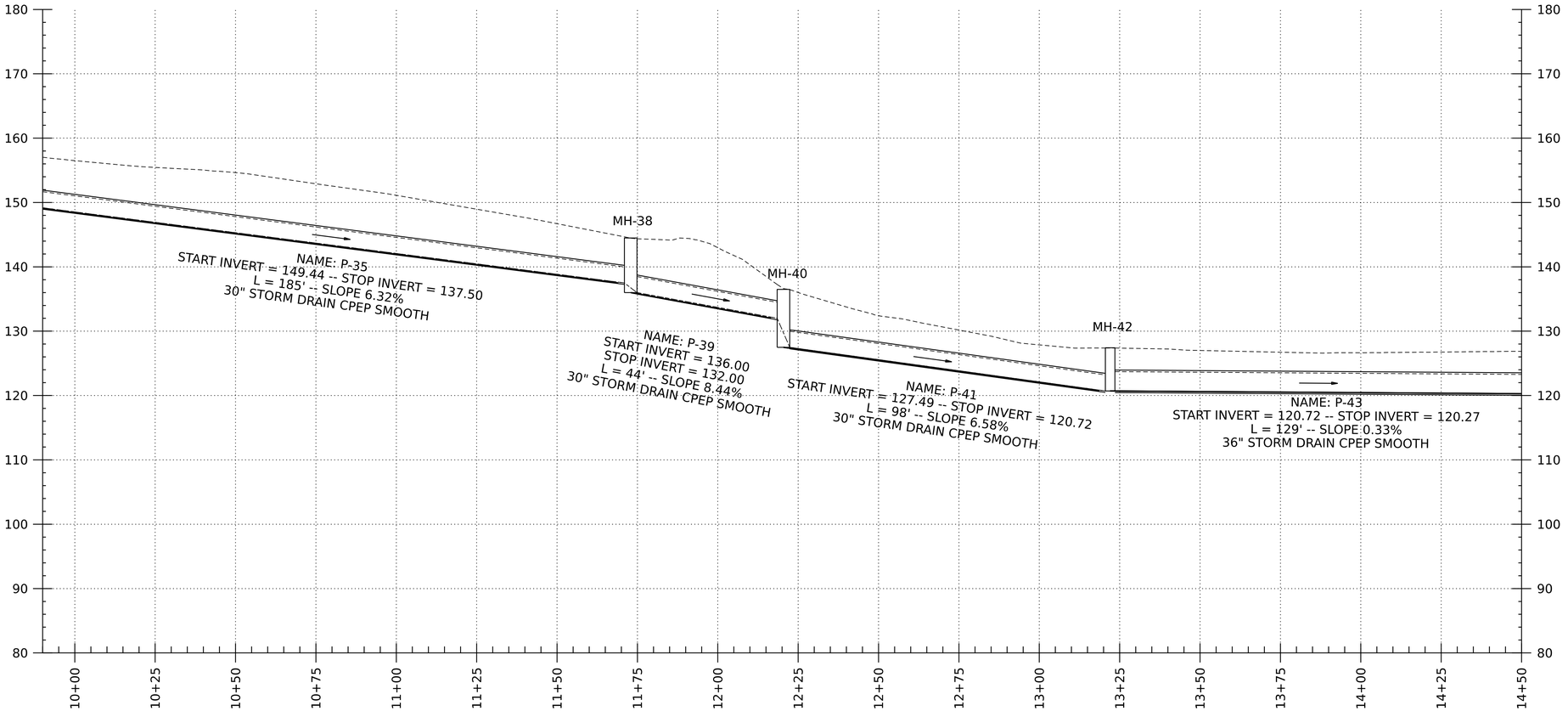
0 20 40
SCALE IN FEET

vhb

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_pro_drn.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
DRAINAGE PROFILE SHEETS (2 OF 4)

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 34 OF 69



THE GRADES SHOWN TO THE NEAREST TENTH OF A FOOT IN THE PROFILE ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT.

THE GRADES SHOWN TO THE NEAREST HUNDREDTH OF A FOOT IN THE PROFILE ARE THE FINISH GRADES ALONG THE PROPOSED ALIGNMENT.

STATIONING AND ELEVATIONS IN FEET.

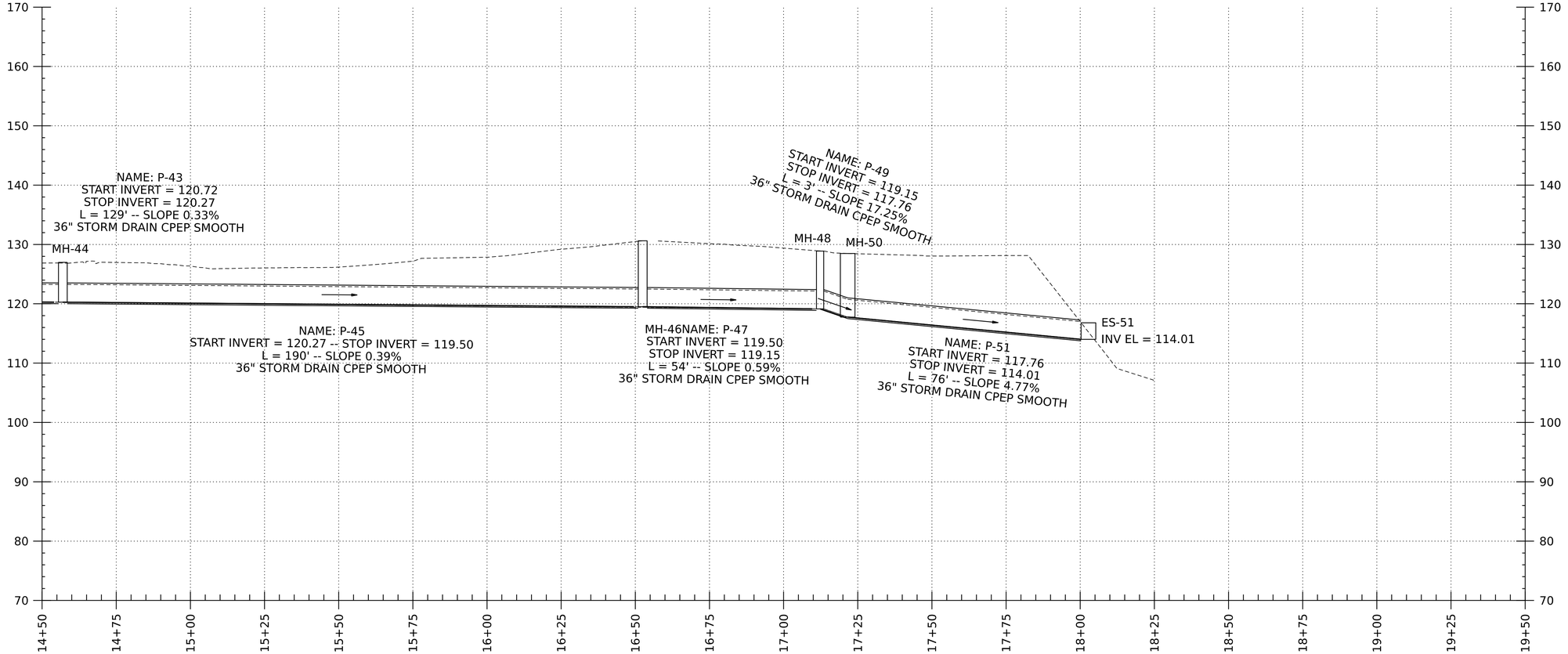
0 20 40
SCALE IN FEET

vhb

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_pro_drn.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
DRAINAGE PROFILE SHEETS (3 OF 4)

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 35 OF 69



THE GRADES SHOWN TO THE NEAREST TENTH OF A FOOT IN THE PROFILE ARE THE ORIGINAL GROUND ELEVATIONS ALONG THE PROPOSED ALIGNMENT.

THE GRADES SHOWN TO THE NEAREST HUNDREDTH OF A FOOT IN THE PROFILE ARE THE FINISH GRADES ALONG THE PROPOSED ALIGNMENT.

STATIONING AND ELEVATIONS IN FEET.

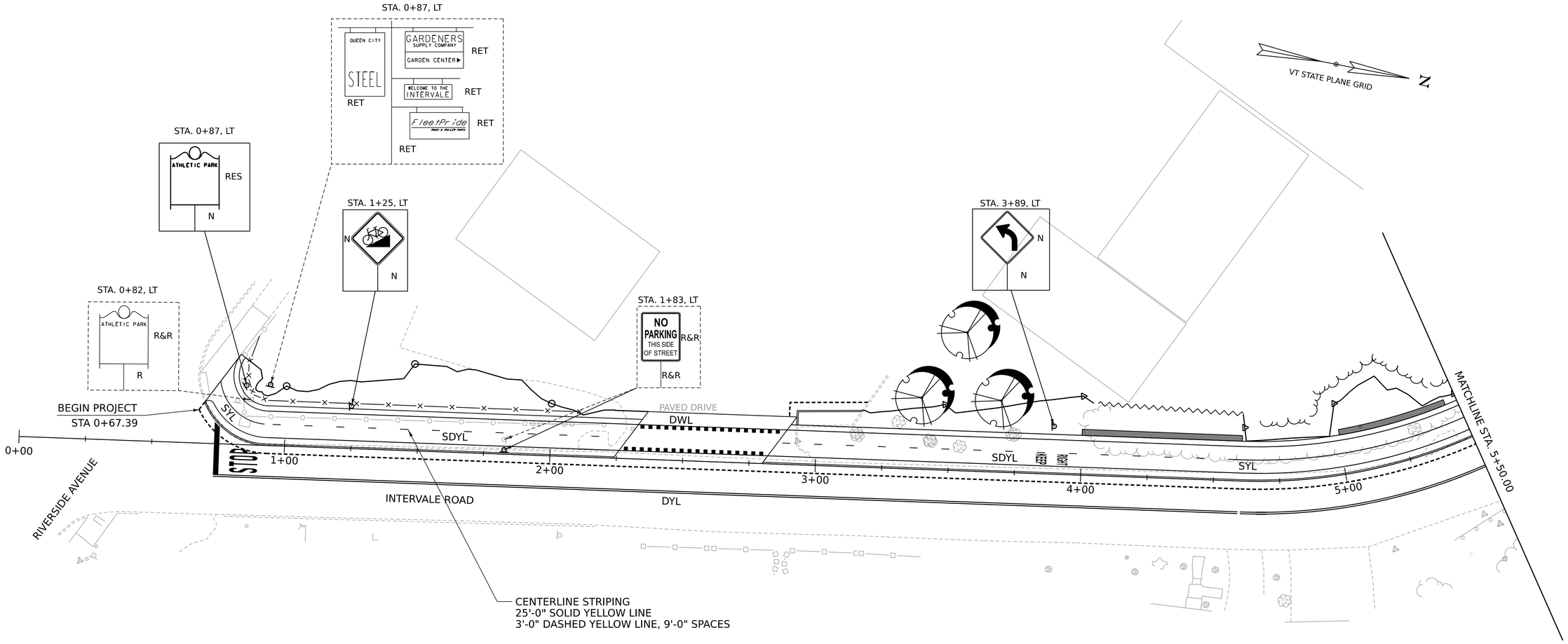
0 20 40
SCALE IN FEET

vhb

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_pro_drn.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
DRAINAGE PROFILE SHEETS (4 OF 4)

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 36 OF 69



PAVEMENT MARKING LEGEND
SYL = SINGLE YELLOW LINE
SDYL = SINGLE DASHED YELLOW LINE
DYL = DOUBLE YELLOW LINE
DWL = DOTTED WHITE LINE

SIGN LEGEND
N = NEW
RET = RETAIN
R&R = REMOVE AND RESET
R = REMOVE
RES = RESET

DURABLE 4 INCH YELLOW LINE, POLYUREA
STA. 0+75 - STA. 0+92 LT (SOLID)
STA. 0+92 - STA. 2+24 LT (DASHED)
STA. 2+64 - STA. 4+55 LT (DASHED)
STA. 4+55 - STA. 5+50 LT (SOLID)

DURABLE 12 INCH WHITE LINE, POLYUREA
STA. 2+24 - STA. 2+64 LT (DOTTED, 18 INCH SPACING)

DURABLE LETTER OR SYMBOL, POLYUREA
STA. 3+83 LT (KEEP)
STA, 3+91 LT (RIGHT)

4 INCH YELLOW LINE, WATERBORNE PAINT
STA. 0+73 - STA. 5+50 RT

24 INCH STOP BAR, WATERBORNE PAINT
STA. 0+73 RT

LETTER OR SYMBOL, WATERBORNE PAINT
STA. 0+79 RT (STOP)

SIGN REMOVAL, FLAT SHEET ALUMINUM
STA. 0+82 LT
STA. 0+87 LT
STA. 1+83 LT

RESETTING SIGNS
STA. 0+87 LT
STA. 0+87 LT
STA. 1+83 LT

0 20 40
SCALE IN FEET

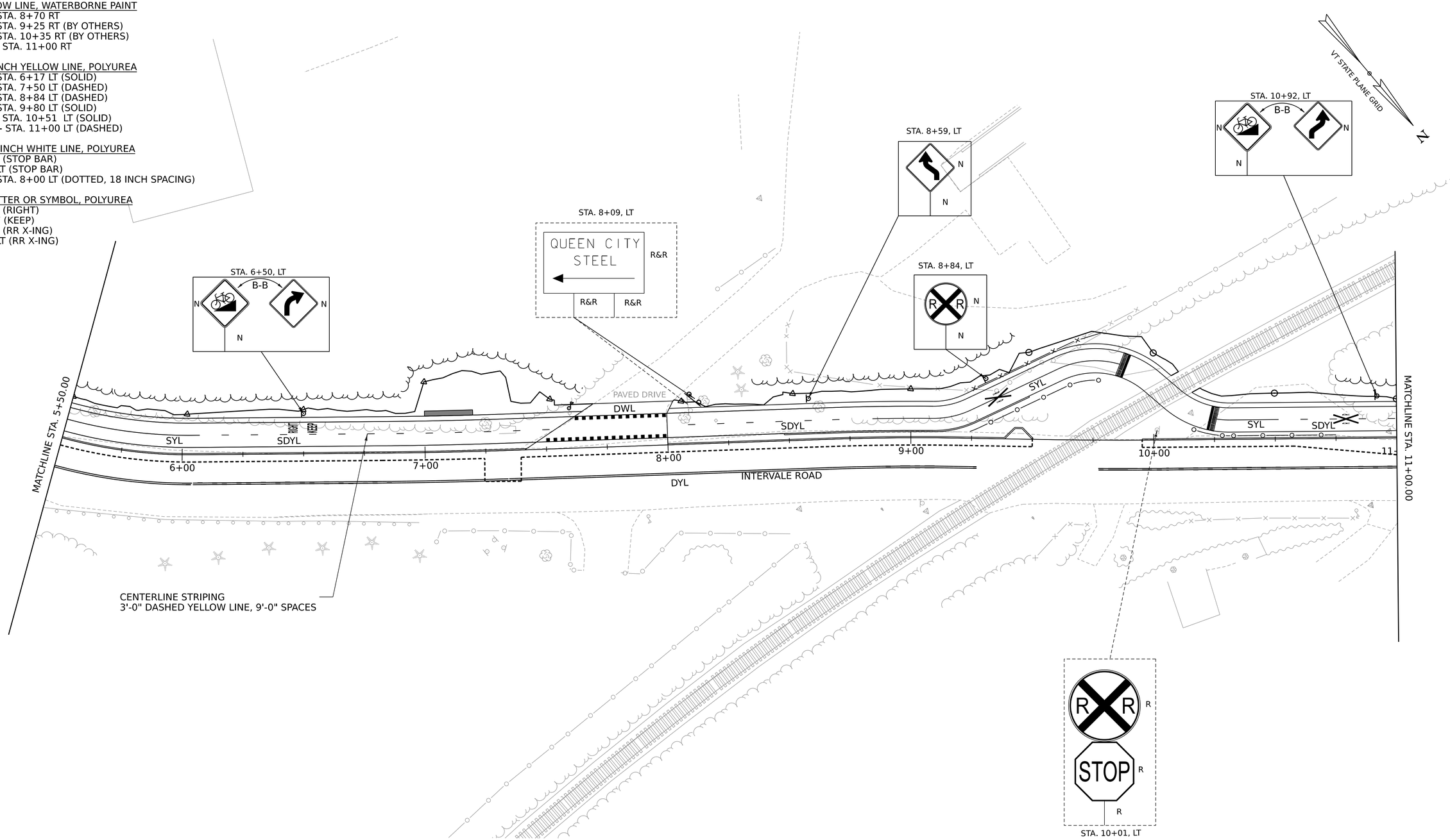
PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_spm.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
SIGNS & PAVEMENT MARKINGS SHEETS (1 OF 3)	SHEET 37 OF 69

4 INCH YELLOW LINE, WATERBORNE PAINT
STA. 5+25 - STA. 8+70 RT
STA. 8+70 - STA. 9+25 RT (BY OTHERS)
STA. 9+75 - STA. 10+35 RT (BY OTHERS)
STA. 10+35 - STA. 11+00 RT

DURABLE 4 INCH YELLOW LINE, POLYUREA
STA. 5+50 - STA. 6+17 LT (SOLID)
STA. 6+17 - STA. 7+50 LT (DASHED)
STA. 8+00 - STA. 8+84 LT (DASHED)
STA. 8+84 - STA. 9+80 LT (SOLID)
STA. 10+27 - STA. 10+51 LT (SOLID)
STA. 10+51 - STA. 11+00 LT (DASHED)

DURABLE 12 INCH WHITE LINE, POLYUREA
STA. 9+89 LT (STOP BAR)
STA. 10+23 LT (STOP BAR)
STA. 7+52 - STA. 8+00 LT (DOTTED, 18 INCH SPACING)

DURABLE LETTER OR SYMBOL, POLYUREA
STA. 6+44 LT (RIGHT)
STA. 6+52 LF (KEEP)
STA. 9+75 LT (RR X-ING)
STA. 10+40 LT (RR X-ING)



PAVEMENT MARKING LEGEND
SYL = SINGLE YELLOW LINE
SDYL = SINGLE DASHED YELLOW LINE
DYL = DOUBLE YELLOW LINE
DWL = DOTTED WHITE LINE

SIGN LEGEND
N = NEW
RET = RETAIN
R&R = REMOVE AND RESET
R = REMOVE
RES = RESET

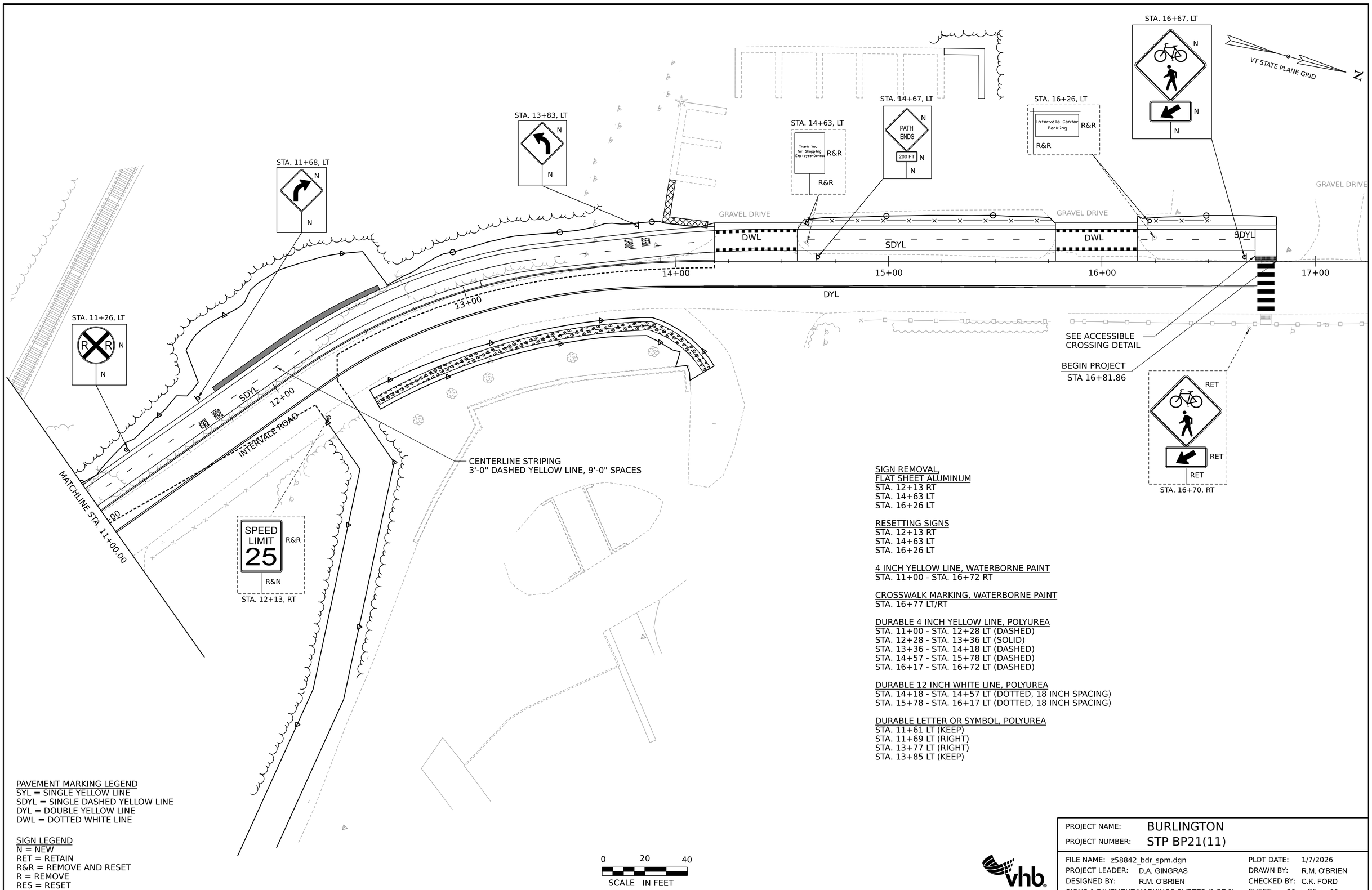
SIGN REMOVAL, FLAT SHEET ALUMINUM
STA. 10+10 LT (2)

SIGN REMOVAL, FLAT SHEET ALUMINUM (COMMERCIAL SIGN)
STA. 8+09 LT

RESETTING SIGNS (COMMERCIAL SIGN
STA. 8+09 LT

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_spm.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
SIGNS & PAVEMENT MARKINGS SHEETS (2 OF 3)		SHEET	38 OF 69



SIGN REMOVAL,
FLAT SHEET ALUMINUM
STA. 12+13 RT
STA. 14+63 LT
STA. 16+26 LT

RESETTING SIGNS
STA. 12+13 RT
STA. 14+63 LT
STA. 16+26 LT

4 INCH YELLOW LINE, WATERBORNE PAINT
STA. 11+00 - STA. 16+72 RT

CROSSWALK MARKING, WATERBORNE PAINT
STA. 16+77 LT/RT

DURABLE 4 INCH YELLOW LINE, POLYUREA
STA. 11+00 - STA. 12+28 LT (DASHED)
STA. 12+28 - STA. 13+36 LT (SOLID)
STA. 13+36 - STA. 14+18 LT (DASHED)
STA. 14+57 - STA. 15+78 LT (DASHED)
STA. 16+17 - STA. 16+72 LT (DASHED)

DURABLE 12 INCH WHITE LINE, POLYUREA
STA. 14+18 - STA. 14+57 LT (DOTTED, 18 INCH SPACING)
STA. 15+78 - STA. 16+17 LT (DOTTED, 18 INCH SPACING)

DURABLE LETTER OR SYMBOL, POLYUREA
STA. 11+61 LT (KEEP)
STA. 11+69 LT (RIGHT)
STA. 13+77 LT (RIGHT)
STA. 13+85 LT (KEEP)

PAVEMENT MARKING LEGEND
SYL = SINGLE YELLOW LINE
SDYL = SINGLE DASHED YELLOW LINE
DYL = DOUBLE YELLOW LINE
DWL = DOTTED WHITE LINE

SIGN LEGEND
N = NEW
RET = RETAIN
R&R = REMOVE AND RESET
R = REMOVE
RES = RESET

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_spm.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
SIGNS & PAVEMENT MARKINGS SHEETS (3 OF 3)	SHEET 39 OF 69

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

SHSM = FHWA 2023 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS			NEW & RESET SIGNS			EXIST POST		NEW SIGN POSTS																					REMARKS	SIGN DETAIL		
		EA.	WIDTH (in)	HEIGHT (in)	FLAT SHEET ALUM.	EXTRUD. ALUM.	REM. & RESET SIGN	RETAIN	REMOVE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE TUBE (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) lb/ft			TUBULAR STEEL DIA (in) lb/ft				FND-ATION	W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME		SHSM	SIGN DETAILS SHEET NUMBER	STD. SHEET NUMBER
											1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0Mod	3.0	3.5	4.0	5.0		24"	30"						
														1.88	2.42	3.35			1.3	1.7	1.7	7.6	9.0	10.8	14.6									
0+82 LT							1.00		1	1													114.0											
1+25 LT		1	18	18	2.25					1					10.0																	W7-5		
1+83 LT	NO PARKING THIS SIDE OF STREET						1.00			1					15.0																	R8-1		
3+89 LT		1	18	18	2.25					1					10.0																	W1-2L		
6+50 LT		1	18	18	2.25					1					10.0																BACK-TO-BACK	W7-5		
6+50 LT		1	18	18	2.25																										BACK-TO-BACK	W1-2R		
8+09 LT	QUEEN CITY STEEL						1.00	2																							REMOVE & RESET TO STA. 8+09 W/ POSTS COMMERCIAL SIGN			
8+59 LT		1	18	18	2.25					1					10.0																	W1-4L		
8+84 LT		1	18	18	2.25					1					10.0																	W10-1		
10+92 LT		1	18	18	2.25					1					10.0																BACK-TO-BACK	W7-5		
10+92 LT		1	18	18	2.25																										BACK-TO-BACK	W1-4R		
11+26 LT		1	36	36	9.00					1					10.0																	W10-1		
11+68 LT		1	18	18	2.25					1					10.0																	W1-2R		
12+13 RT	SPEED LIMIT 25						1.00			1					15.0																	R2-1		
13+89 LT		1	18	18	2.25					1					10.0																	W1-2L		
14+63 LT							1.00	1																							REMOVE & RESET TO STA. 14+63 W/ POSTS			
16+26 LT	Intervale Center Parking						1.00	1																							REMOVE & RESET TO STA. 16+26 W/ POSTS			
											FT	FT	FT	FT	FT 120.0	FT		EA.	LB	LB	LB		LB 114.0	LB	LB	LB							
SUBTOTALS SHEET 1		SF 31.50	SF	EA. 6.00							FT			FT 120.0					LB			EA.	LB 114.0				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

vhb

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_tsss.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
TRAFFIC SIGN SUMMARY SHEETS (1 OF 2)

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 40 OF 69

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

SHSM = FHWA 2023 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK

MILE MARKER, DIRECTION	SIGN LEGEND	SIGN DIMENSIONS EA.	WIDTH (in)	HEIGHT (in)	NEW & RESET SIGNS FLAT SHEET ALUM.	EXTRUD. ALUM.	REM. & RESET SIGN	EXIST POST RETAIN	REMOVE	NO. OF POSTS	FLANGED CHANNEL 1.12 lb/ft	2.0	3.0	SQUARE TUBE (in) 1.75 / 1.88 lb/ft	2.0 / 2.42	2.5 / 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM DIA (in) 3.0 / 1.3 lb/ft	4.0 / 1.7	4.0Mod / 1.7	FND-ATION	TUBULAR STEEL DIA (in) 3.0 / 7.6 lb/ft	3.5 / 9.0	4.0 / 10.8	5.0 / 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME	REMARKS	SIGN DETAIL SHSM	SIGN DETAILS SHEET NUMBER	STD. SHEET NUMBER
14+67 LT		1	18	18	2.25					1					10.0																		W8-3 (MOD)		
14+67 LT		1	24	12	2.00																											MOUNT BELOW W8-3 (MOD)	W16-2aP		
16+67 LT		1	30	30	6.25					1					15.0																	FLUORESCENT YELLOW GREEN	W11-15		
16+67 LT		1	21	15	2.19																											FLUORESCENT YELLOW GREEN MOUNT BELOW W11-15	W16-7P		
	SUBTOTALS SHEET 1 SUBTOTALS SHEET 2				31.50 12.69		6.00								120.0 25.0								114.0												
											FT	FT	FT	FT	FT 145.0	FT		EA.	LB	LB	LB		LB 114.0	LB	LB	LB									
	PROJECT TOTALS				SF 44.19	SF	EA. 6.00				FT			FT 145.0					LB			EA.	LB 114.0				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE".

vhb

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_tsss.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
TRAFFIC SIGN SUMMARY SHEETS (2 OF 2)

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 41 OF 69

EPSC PLAN NARRATIVE

1. PROJECT DESCRIPTION

THIS PROJECT INVOLVES CONSTRUCTION OF A MULTI-USE PATH, DRAINAGE IMPROVEMENTS, INSTALLATION OF PAVEMENT MARKINGS, LIGHTING, SIGNAGE, RETAINING WALLS, AND OTHER INCIDENTAL ITEMS.

IT IS ANTICIPATED THAT CONSTRUCTION WILL LAST ONE CONSTRUCTION SEASON.

2. AMOUNT OF DISTURBANCE AND RISK EVALUATION

TOTAL AREA OF DISTURBANCE AS SHOWN ON THE ATTACHED EPSC PLAN IS APPROXIMATELY 1.47 ACRES.

THE MAXIMUM CONCURRENT EARTH DISTURBANCE USED TO SCORE THIS PROJECT IN THE APPENDIX A RISK ASSESSMENT IS 1.19 ACRES.

THIS PROJECT REQUIRES COVERAGE UNDER GENERAL PERMIT 3-9020 FOR STORMWATER RUNOFF FROM CONSTRUCTION SITES FOR LOW-RISK PROJECTS.

ANY MODIFICATIONS TO THE PROJECT THAT INCREASE THE RISK TO ENVIRONMENTAL RESOURCES SHALL BE EVALUATED IN ACCORDANCE WITH THE PERMIT REQUIREMENTS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY ADDITIONAL PERMITTING.

3. MAJOR COMPONENTS AND SEQUENCING

THE CONTRACTOR SHALL SEQUENCE CONSTRUCTION ACTIVITIES TO MINIMIZE THE EXTENT OF DISTURBED SOILS LEFT OPEN TO EROSION AT ANY GIVEN TIME.

4. SITE DESCRIPTION

4.1 VEGETATED BUFFERS

MAINTAINING VEGETATED BUFFERS ALONG STREAM BANKS, WETLANDS, OR OTHER SENSITIVE AREAS IS A CRUCIAL EROSION AND SEDIMENT CONTROL MEASURE THAT SHOULD BE IMPLEMENTED WHEREVER POSSIBLE.

THIS PROJECT DOES NOT RELY ON VEGETATED BUFFERS AS A MITIGATING RISK FACTOR.

4.2 STREAM CROSSINGS

THIS PROJECT DOES NOT INCLUDE ANY PROPOSED STREAM CROSSINGS.

4.3 WETLANDS

THE PROJECT INVOLVES 210 SF OF WETLAND IMPACTS. THE WORK WITHIN THIS AREA IS BEING AUTHORIZED THROUGH THE VERMONT AGENCY OF NATURAL RESOURCE WETLANDS OFFICE AND/OR THE US ARMY CORPS OF ENGINEERS.

4.4 TOPOGRAPHY

THE TOPOGRAPHY OF THE PROJECT AREA IS GENERALLY FORESTED OR GRASS WITH SEVERAL RESIDENTIAL AND COMMERCIAL PROPERTIES ADJACENT TO THE PROJECT AREA.

4.5 VEGETATION

THE VEGETATION IN THE PROJECT AREA CONSISTS OF GRASSES AND WOODY AREAS. THE IMPACT TO VEGETATION WILL BE LIMITED TO WHAT IS DIRECTLY AFFECTED BY THE PROJECT. UPON COMPLETION, THE DISTURBED VEGETATION WILL BE REESTABLISHED WITH STANDARD SEED AND MULCH PRACTICES AS DESCRIBED IN THE TURF ESTABLISHMENT DETAIL, UNLESS NOTED OTHERWISE.

4.6 SOILS

SOIL EROSION DATA FROM THE U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE INDICATES THAT SOILS ON THE PROJECT SITE INCLUDE:

FILL LAND, “K FACTOR” = 0.10
HARTLAND VERY FINE SANDY LOAM, 25-60% SLOPES, “K-FACTOR” = 0.50
COLTON GRAVELLY LOAMY SAND, 0-5% SLOPES, “K-FACTOR” = 0.05

NOTE: K-VALUES GENERALLY INDICATE THE FOLLOWING:
0.0-0.23 = LOW EROSION POTENTIAL
0.24-0.36 = MODERATE EROSION POTENTIAL
0.37 AND HIGHER = HIGH EROSION POTENTIAL

IF POTENTIALLY CONTAMINATED SOILS HAVE BEEN IDENTIFIED WITHIN THE PROJECT AREA, THE CONTRACTOR SHALL REFER TO THE NOTICE TO BIDDERS AND/ OR SOIL MANAGEMENT PLAN FOR MEASURES RELATED TO THE HANDLING OF SUCH SOILS.

4.7 OTHER SENSITIVE RESOURCES

CRITICAL HABITATS: NO
HISTORICAL OR ARCHEOLOGICAL AREAS: YES
PRIME AGRICULTURAL LAND: NO
THREATENED AND ENDANGERED SPECIES: NO
WATER RESOURCE: NO

THE ARCHEOLOGICALLY SENSITIVE AREA LOCATED IN THE NORTHERN AREA OF THE PROJECT AND SHOWN ON THE PLANS SHALL BE PROTECTED WITH ORANGE BARRIER FENCE. THE PLANS ALSO SHOW ONE LARGE TREE NEAR THE NORTHERN TERMINUS OF THE PROJECT THAT SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 656.11 TREE PROTECTION.

5. DRAINAGE

5.1 RECEIVING WATERS

THE WINOOSKI RIVER IS THE ONLY WATER SOURCE NEAR THE PROJECT SITE. RESIDENCES AND BUSINESSES WATER SUPPLIES ARE FROM MUNICIPAL WATER.

5.2 DISCHARGE POINTS

STORMWATER SHALL BE COLLECTED ALONG INTERVALE ROAD AND DISCHARGED TO AN EXISTING SWALE ALONG THE SOUTHERN SIDE OF THE GARDENER’S SUPPLY PARKING LOT. THIS SWALE DISCHARGES TO AN ARMORED OUTFALL TO THE WINOOSKI RIVER.

5.3 CONVEYANCE/ FLOW PATH FROM PROJECT TO WATERS

THE MAJORITY OF THE PROJECT IS CURBED AND RUNOFF IS COLLECTED IN NUMEROUS INLETS AND DRAINS TO A GRASS SWALE THAT EXTENDS TO THE ARMORED OUTLET ALONG THE WINOOSKI RIVER.

6. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES

THE MEASURES INCLUDED IN THIS PLAN ARE PROVIDED AS A GUIDELINE FOR PREVENTING EROSION AND CONTROLLING SEDIMENT TRANSPORT. IT IS EXPECTED THAT THE CONTRACTORS MAY USE THIS PLAN, WITH ADJUSTMENTS AS NECESSARY, BASED ON THEIR SPECIFIC MEANS AND METHODS OF CONSTRUCTION.

APPLYING THESE MEASURES THROUGHOUT CONSTRUCTION IS CRITICAL TO THEIR SUCCESS IN MINIMIZING SEDIMENT TRANSPORT TO THE RECEIVING WATERS. REFER TO THE DETAILS INCLUDED IN THESE PLANS AND THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION’S VERMONT STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR SPECIFIC GUIDANCE.

6.1 IDENTIFY LIMITS OF DISTURBANCE

SITE BOUNDARIES AND AREAS CONSTRUCTION EQUIPMENT CAN ACCESS SHALL BE DELINEATED.

PROJECT DEMARCATION FENCING (PDF) SHALL BE USED TO PHYSICALLY MARK SITE BOUNDARIES. BARRIER FENCE SHALL BE USED INSTEAD OF PROJECT DEMARCATION FENCE WITHIN 100 FEET OF A WATER RESOURCE (STREAM, BROOK, LAKE, POND, WETLAND, ETC).

6.2 LIMIT CONCURRENT DISTURBANCE

LIMITING THE AMOUNT OF SOIL EXPOSED AT ONE TIME REDUCES THE POTENTIAL EROSION ON SITE. CONCURRENT EARTH DISTURBANCE CAN BE MINIMIZED THROUGH CONSTRUCTION PHASING BY ONLY DISTURBING EARTH AS NECESSARY AND EMPLOYING STABILIZATION PRACTICES IN INCREMENTAL STAGES AS PHASES CHANGE.

6.3 STABILIZE DISTURBED AREAS

6.3.1 ACCESS POINTS/ ENTRANCE/ EXITS

TRACKING OF SEDIMENT ONTO PUBLIC HIGHWAYS SHALL BE MINIMIZED TO REDUCE THE POTENTIAL FOR RUNOFF ENTERING RECEIVING WATERS. INSTALLATION SHALL COINCIDE WITH THE CONTRACTORS PROGRESS SCHEDULE.

MATERIALS TRACKED ONTO PAVED ROADWAYS SHALL BE PERIODICALLY REMOVED WITH DRY METHODS (E.G. BROOMS OR SWEEPERS) AND SHALL NOT BE WASHED DOWN WITH WATER.

6.3.2 TEMPORARY MEASURES FOR EXPOSED AREAS DURING CONSTRUCTION

ALL AREAS OF EARTH DISTURBANCE MUST HAVE STABILIZATION IN PLACE WITHIN 14 DAYS OF INITIAL DISTURBANCE AND DISTURBED AREAS MUST BE STABILIZED IN ADVANCE OF ANY RUNOFF PRODUCING EVENT. SURFACE ROUGHENING OF EXPOSED SLOPES, SEEDING OF TEMPORARY SLOPES AND STOCKPILES, AND STANDARD MULCHING PRACTICES DESCRIBED IN SPECIFICATION SECTION 653.07 SHALL BE UTILIZED TO TEMPORARILY STABILIZE DISTURBED AREAS.

6.3.3 PERMANENT STABILIZATION AT FINAL GRADE

EXPOSED SOIL MUST BE STABILIZED WITHIN 48 HOURS OF REACHING FINAL GRADE.

TURF ESTABLISHMENT MEASURES PER SECTION 651 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION SHALL BE USED TO ESTABLISH PERMANENT VEGETATION. FOR SLOPES STEEPER THAN 1:3, ROLLED EROSION CONTROL PRODUCT, TYPE I SHALL BE USED INSTEAD OF MULCH.

6.4 DIVERT UPLAND RUNOFF

DIVERSIONARY MEASURES SHALL BE USED TO INTERCEPT RUNOFF FROM ABOVE THE CONSTRUCTION AND DIRECT IT AROUND THE DISTURBED AREA SO THAT CLEAN WATER DOES NOT BECOME MUDDIED WHILE TRAVELING OVER EXPOSED SOILS ON THE CONSTRUCTION SITE.

THE PROJECT AREA IS RELATIVELY STEEP WITH STEEP SIDE SLOPES DRAINING TOWARD THE PROJECT AREA. RUNOFF FROM THESE AREAS MAY NEED TO BE DIVERTED AWAY FROM THE PROJECT AREA. THE CONTRACTOR SHALL REFER TO THE LOW-RISK HANDBOOK FOR GUIDANCE.

6.5 INSTALL SEDIMENT BARRIERS

SEDIMENT BARRIERS SHALL BE UTILIZED TO INTERCEPT RUNOFF AND ALLOW SUSPENDED SEDIMENT TO SETTLE OUT. THEY SHALL BE INSTALLED ON THE DOWNHILL SIDE OF CONSTRUCTION ACTIVITIES, PRIOR TO ANY UP-SLOPE WORK.

SILT FENCE WILL BE INSTALLED ALONG THE CONTOURS AND AS PROPOSED ON THE EPSC PLAN. SILT FENCE, TYPE II SHALL BE USED WITHIN 100 FEET UPSLOPE OF RECEIVING WATERS.

6.6 SLOW DOWN CHANNELIZED RUNOFF

CHECK STRUCTURES SHALL BE UTILIZED TO REDUCE THE VELOCITY, AND THUS THE EROSIVE POTENTIAL, OF CONCENTRATED FLOW IN CHANNELS.

TEMPORARY STONE CHECK DAMS ARE NOT ANTICIPATED TO BE NEEDED AS DESIGNED.

7. CONSTRUCT PERMANENT CONTROLS

PERMANENT STORMWATER TREATMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH PERMIT CONDITIONS.

PERMANENT STORMWATER TREATMENT DEVICES ARE NOT ANTICIPATED TO BE NEEDED AS DESIGNED.

8. DEWATERING

DISCHARGE FROM DEWATERING ACTIVITIES THAT FLOWS FROM THE CONSTRUCTION SITE MUST NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF THE VERMONT WATER QUALITY STANDARDS. DEWATERED STORMWATER OR GROUNDWATER MUST BE FILTERED AND ROUTED IN A MANNER THAT DOES NOT RESULT IN VISIBLY TURBID DISCHARGES TO WATERS.

DEWATERING OF SURFACE WATER IS NOT ANTICIPATED TO BE NEEDED AS DESIGNED.

9. OFF-SITE AREAS

OFF-SITE WASTE AND BORROW AREAS HAVE NOT BEEN IDENTIFIED FOR THIS PROJECT. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND PERMIT, AS NECESSARY, ANY OFF-SITE AREAS THAT ARE NEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 105.25 - 105.28.

ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES NECESSARY FOR WASTE, BORROW, AND STAGING AREAS OUTSIDE THE PROJECT LIMITS SHALL BE PAID FOR PER 105.28 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.

VEHICLE AND EQUIPMENT STORAGE AREAS OR AREAS ADJACENT TO CONSTRUCTION TRAILERS OR OTHER HIGH TRAFFIC AREAS SHALL BE COVERED WITH GEOTEXTILE FABRIC AND 12” OF GRAVEL. FOLLOWING COMPLETION OF CONSTRUCTION, ALL NON-NATIVE MATERIALS SHALL BE REMOVED FROM THE STAGING AREA. COMPACTED, RUTTED, OR OTHERWISE DISTURBED SOILS SHALL BE TILLED, RAKED, SEEDED, AND MULCHED.

ERODIBLE MATERIALS STOCKPILED WITHIN THE MATERIAL STORAGE AREAS SHALL BE ISOLATED WITH SILT FENCE OR OTHER ACCEPTABLE SEDIMENT BARRIER. SOIL STOCKPILED ON THE SITE SHALL BE SEEDED AND MULCHED.

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)

FILE NAME: z58842_epsc_nar.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
EPSC NARRATIVE (1 OF 2)		SHEET	42 OF 69

10. WINTER CONSTRUCTION

IF CONSTRUCTION ACTIVITIES ARE TAKING PLACE BETWEEN OCTOBER 15 AND APRIL 15, THE CONTRACTOR SHALL FOLLOW REQUIREMENTS FOR WINTER CONSTRUCTION, AS DEFINED IN SPECIFIC PERMIT CONDITIONS AND AS FOLLOWS:

- ENLARGED ACCESS POINTS, STABILIZED TO PROVIDE FOR SNOW STOCKPILING.
- LIMITS OF DISTURBANCE MOVED OR REPLACED TO REFLECT BOUNDARY OF WINTER WORK.
- DEVELOPMENT OF A SNOW MANAGEMENT PLAN THAT INCLUDES:
  - ADEQUATE STORAGE AND CONTROL OF MELT-WATER
  - STORAGE OF CLEARED SNOW TO BE PLACED DOWN SLOPE OF DISTURBED AREAS AND OUT OF STORMWATER TREATMENT STRUCTURES
- AREAS OF DISTURBANCE WITHIN 100 FT OF A WATERBODY MUST HAVE REINFORCED (WOVEN WIRE) SILT FENCE INSTALLED ACROSS THE SLOPE, DOWNGRADIENT OF THE EARTH DISTURBANCE. ALTERNATIVELY, REGULAR, NON-WOVEN WIRE SILT FENCE MAY BE USED IF COMBINED WITH EROSION CONTROL BERM, EROSION LOG, OR STRAW WATTLE.
- DRAINAGE STRUCTURES MUST BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS.
- SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE MUST BE INSTALLED PRIOR TO FROZEN GROUND.
- MULCH TO BE APPLIED AT A MINIMUM OF 2 INCHES DEPTH WITH 80-90% COVERAGE.
- AREAS OF DISTURBED SOILS MUST BE STABILIZED PRIOR TO ANY RUNOFF-PRODUCING EVENT, WITH THE FOLLOWING EXCEPTION:
  - STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION WITH NO OUTLET AND A DEPTH OF 2 FT OR GREATER (OPEN UTILITY TRENCHES), PROVIDED THAT ANY DEWATERING, IF NECESSARY, IS CONDUCTED AS REQUIRED.
- PRIOR TO STABILIZATION, SNOW OR ICE MUST BE REMOVED TO LESS THAN 1" THICKNESS.
- USE STONE TO STABILIZE AREAS WHERE CONSTRUCTION VEHICLE TRAFFIC IS ANTICIPATED.

11. INSPECTION AND MAINTENANCE

INSPECTION AND MONITORING OF THE PROJECT'S EPSC MEASURES SHALL BE CONDUCTED IN ACCORDANCE WITH STANDARD SPECIFICATION 653.04 MONITORING EROSION PREVENTION AND SEDIMENT CONTROL PLAN, ALONG WITH PERMIT SPECIFIC INSPECTION REQUIREMENTS.

CONTRACTORS SHALL PROVIDE A COPY OF THEIR INSPECTION FORM AS PART OF THEIR EPSC PLAN.

ALL EPSC MEASURES SHALL BE REGULARLY MAINTAINED AND SHALL BE CHECKED FOR SEDIMENT BUILD-UP. SEDIMENT SHALL BE DISPOSED AT AN APPROVED SITE WHERE IT WILL NOT BE SUBJECT TO EROSION.

BARRIER FENCE (LINE STYLE) (653.5000) — BF — BF

BRUSH LAYER — BL

CHECK DAM (LINE STYLE) (653.2501, 653.2502, OR 653.2503)

COFFERDAM (LINE STYLE) (208.4000)

CURB DROP INLET PROTECTION (653.4002)

DUST CONTROL (609.1000 OR 609.1500) — DC

PIPE INLET PROTECTION (653.4003)

EXCAVATED DROP INLET PROTECTION (653.4001)

FIBER ROLL (EROSION LOG) (653.6000) — FR

FILTER BAG (653.4500)

FILTER FABRIC DROP INLET PROTECTION (653.4001)

LIVE CUTTINGS/LIVE STAKES PLANTING (656.1000) — LS

LIVE FASCINE (656.1000) — LF

PROJECT DEMARCATION FENCE (LINE STYLE) (653.5500) — PDF — PDF

ROLLED EROSION CONTROL PRODUCT (RECP) (653.2001 OR 653.2002)

SEDIMENT BASIN (INCIDENTAL TO COFFERDAM)

SILT FENCE (LINE STYLE) (653.4701)

SILT FENCE WOVEN WIRE (LINE STYLE) (653.4702)

STABILIZED CONSTRUCTION ENTRANCE (653.3500)

STONE & BLOCK DROP INLET PROTECTION (653.4001)

SURFACE ROUGHENING (INCIDENTAL TO CONTRACT)

TURBIDITY CURTAIN (FILTER CURTAIN)

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DEC
ORIGINALLY DEVELOPED BY USDA-NRCS
VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

STANDARD SYMBOLS

VAOT NATURALIZED AREA TYPE I				
WEIGHT	NAME	LATIN NAME	GERM	PURITY
38%	CREEPING RED FESCUE	FESTUCA RUBRA VAR. RUBRA	90%	98%
29%	HARD FESCUE	FESTUCA LONGIFOLIA	85%	95%
15%	CHEWINGS FESCUE	FESTUCA RUBRA VAR. COMMUTATA	87%	95%
15%	ANNUAL RYEGRASS	LOLIUM MULTIFLORUM	90%	95%
3%	INERTS			
100%				

VAOT NATURALIZED AREA TYPE II				
WEIGHT	NAME	LATIN NAME	GERM	PURITY
37.5%	CREEPING RED FESCUE	FESTUCA RUBRA VAR. RUBRA	85%	98%
37.5%	TALL FESCUE	FESTUCA ARUNDINACEA	90%	95%
5.0%	RED TOP	AGROSTIS GIGANTEA	90%	95%
15.0%	WHITE FIELD CLOVER	TRIFOLIUM REPENS	85%	98%
5.0%	ANNUAL RYE GRASS	LOLIUM MULTIFLORUM	85%	95%
100%				

SEED RATE:BROADCAST: 75 LBS/ACRE
HYDROSEED: PER MANUFACTURER'S RECOMMENDATIONS

APPLY AMENDMENTS PER SOIL TEST RESULTS

FERTILIZER (755.06):
IF NO SOIL TEST IS PERFORMED, A SLOW OR CONTROLLED RELEASE FERTILIZER SHALL BE APPLIED AT A RATIO OF 1:1:1 (N:P:K). NITROGEN AND PHOSPHORUS SHALL BE APPLIED AT NO MORE THAN 1 LB. PER 1,000 SQ.FT.

LIMESTONE (755.08 & 755.09):
IF NO SOIL TEST IS PERFORMED, APPLY LIMESTONE PER MANUFACTURER'S RECOMMENDATIONS.

COMPOST (755.05):
COMPOST MAY BE APPLIED PER SOIL TEST RESULTS.

CONSTRUCTION GUIDANCE

1. THESE SEED MIXES SHALL BE USED IN AREAS THAT WILL NATURALIZE, RECEIVING LIMITED ANNUAL MOWING THROUGH THE GROWING SEASON.
2. USE SEED MIX AS INDICATED IN THE PLANS AND/OR FOR ALL ESTABLISHED UPLAND (NON-WETLAND) AREAS DISTURBED BY THE CONTRACTOR.IF THE PLANS DO NOT SPECIFY A SEED TYPE, NATURALIZED AREA TYPE I OR TYPE II SHALL BE USED.
3. SEED MIXES SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
4. HAY MULCH TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE. ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
5. FERTILIZER SHOULD NOT BE APPLIED WITHIN 2 WEEKS OF APPLYING LIMESTONE.
6. FOR BEST ESTABLISHMENT, REAPPLY FERTILIZER 2-3 WEEKS AFTER GERMINATION.

TURF ESTABLISHMENT

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.1500 TURF ESTABLISHMENT, GENERAL SEED)

REVISIONS		
JANUARY 12, 2015	WHF
JUNE 15, 2023	BKD

VAOT LAWN				
WEIGHT	NAME	LATIN NAME	GERM	PURITY
42.5%	CREEPING RED FESCUE	FESTUCA RUBRA VAR. RUBRA	85%	98%
20.0%	PERENNIAL RYE GRASS	LOLIUM PERENNE	90%	95%
32.5%	KENTUCKY BLUE GRASS	POA PRATENSIS	85%	85%
5.0%	ANNUAL RYE GRASS	LOLIUM MULTIFLORUM	85%	95%
100%				

SEED RATE:BROADCAST: 75 LBS/ACRE
HYDROSEED: PER MANUFACTURER'S RECOMMENDATIONS

APPLY AMENDMENTS PER SOIL TEST RESULTS

FERTILIZER (755.06):
IF NO SOIL TEST IS PERFORMED, A SLOW OR CONTROLLED RELEASE FERTILIZER SHALL BE APPLIED AT A RATIO OF 1:1:1 (N:P:K). NITROGEN AND PHOSPHORUS SHALL BE APPLIED AT NO MORE THAN 1 LB. PER 1,000 SQ.FT.

LIMESTONE (755.08 & 755.09):
IF NO SOIL TEST IS PERFORMED, APPLY LIMESTONE PER MANUFACTURER'S RECOMMENDATIONS.

COMPOST (755.05):
COMPOST MAY BE APPLIED PER SOIL TEST RESULTS.

CONSTRUCTION GUIDANCE

1. THIS SEED MIX SHALL BE USED IN AREAS THAT WILL BE MANAGED AS TRADITIONAL LAWNS, RECEIVING FREQUENT MOWING.
2. THIS SEED MIX SHALL NOT BE USED IN WETLANDS OR ANY WATERS OF THE STATE OF VERMONT.
3. USE SEED MIX ONLY AS INDICATED IN THE PLANS.IF THE PLANS DO NOT SPECIFY A SEED TYPE, NATURALIZED AREA TYPE I OR TYPE II SHALL BE USED.
4. SEED MIX SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
5. HAY MULCH TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE. ACHIEVE 90% GROUND COVER OR AS DIRECTED BY THE ENGINEER.
6. FERTILIZER SHOULD NOT BE APPLIED WITHIN 2 WEEKS OF APPLYING LIMESTONE.
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TURF ESTABLISHMENT

THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 FOR SEED (PAY ITEM 651.1500 TURF ESTABLISHMENT, GENERAL SEED)

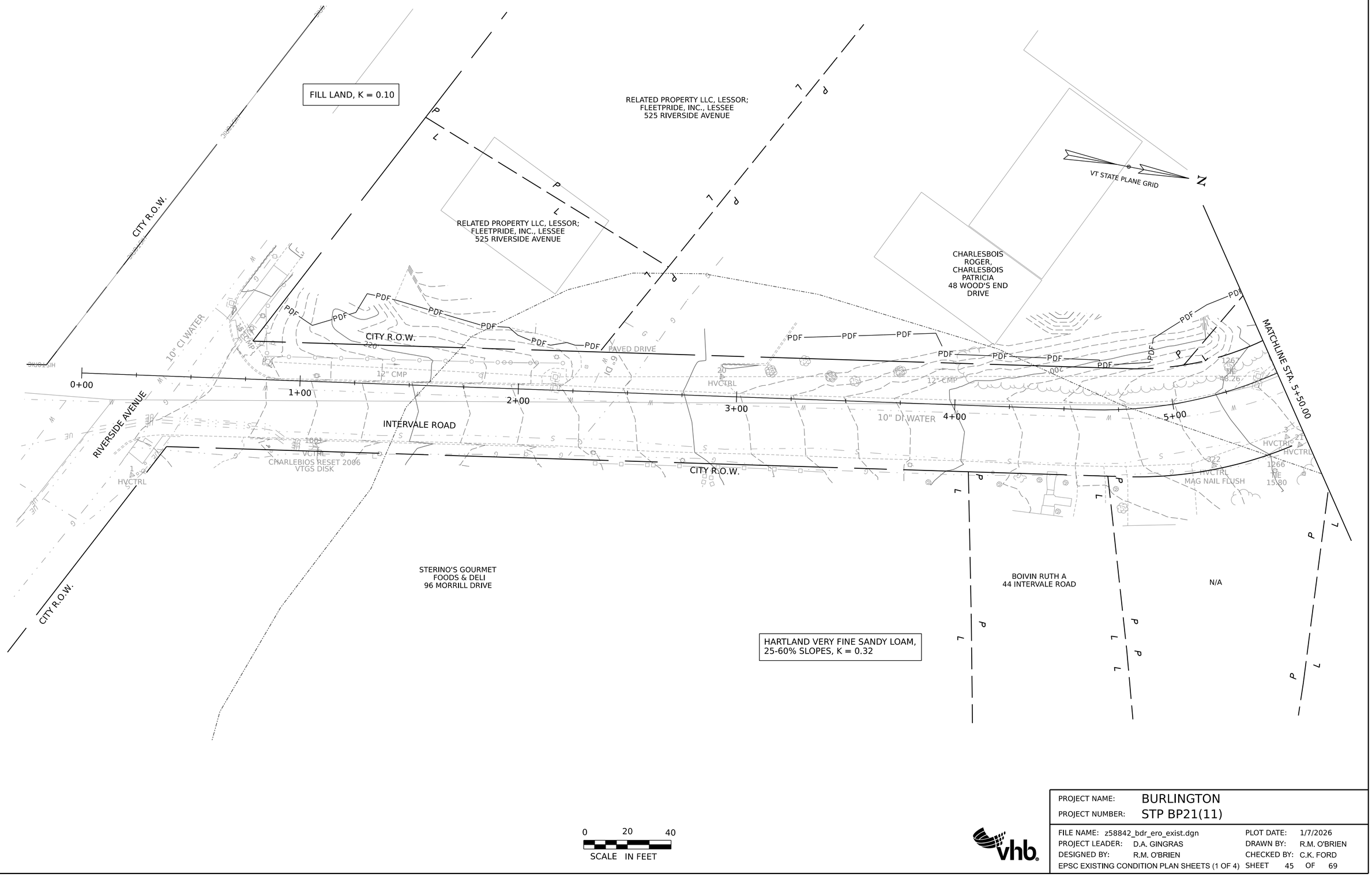
REVISIONS		
JANUARY 12, 2015	WHF
JUNE 15, 2023	BKD

vhb

PROJECT NAME: BURLINGTON
PROJECT NUMBER: STP BP21(11)

FILE NAME: z58842_epsc_detail.dgn
PROJECT LEADER: D.A. GINGRAS
DESIGNED BY: R.M. O'BRIEN
EPSC DETAILS SHEETS

PLOT DATE: 1/7/2026
DRAWN BY: R.M. O'BRIEN
CHECKED BY: C.K. FORD
SHEET 44 OF 69



PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_ero_exist.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
EPSC EXISTING CONDITION PLAN SHEETS (1 OF 4)	SHEET 45 OF 69

RELATED PROPERTY LLC
29 INTERVALE ROAD

CHARLESBOIS ROGER, CHARLESBOIS PATRICIA
48 WOOD'S END DRIVE

QUEEN CITY IRON AND METAL COMPANY, INC

323
HVCTRL
MAG NAIL FLUSH

VT STATE PLANE GRID

NEW ENGLAND CENTRAL RAILROAD

MATCHLINE STA. 5+50.00

CITY R.O.W.

PAVED DRIVE

BM
TOP OF BOLT AT WITNESS
1493

12" CMP

6+00

7+00

8+00

9+00

10+00

11+00

10" DI WATER

INTERVALE ROAD

CITY R.O.W.

HVCTRL
REBAR W/CAP

SPIKE SET

GARDENER'S HOME LLC
128 INTERVALE ROAD

MATCHLINE STA. 11+00.00

12" CMP

18" HDPE

44 INTERVALE LLC

HARTLAND VERY FINE SANDY LOAM,
25-60% SLOPES, K = 0.32

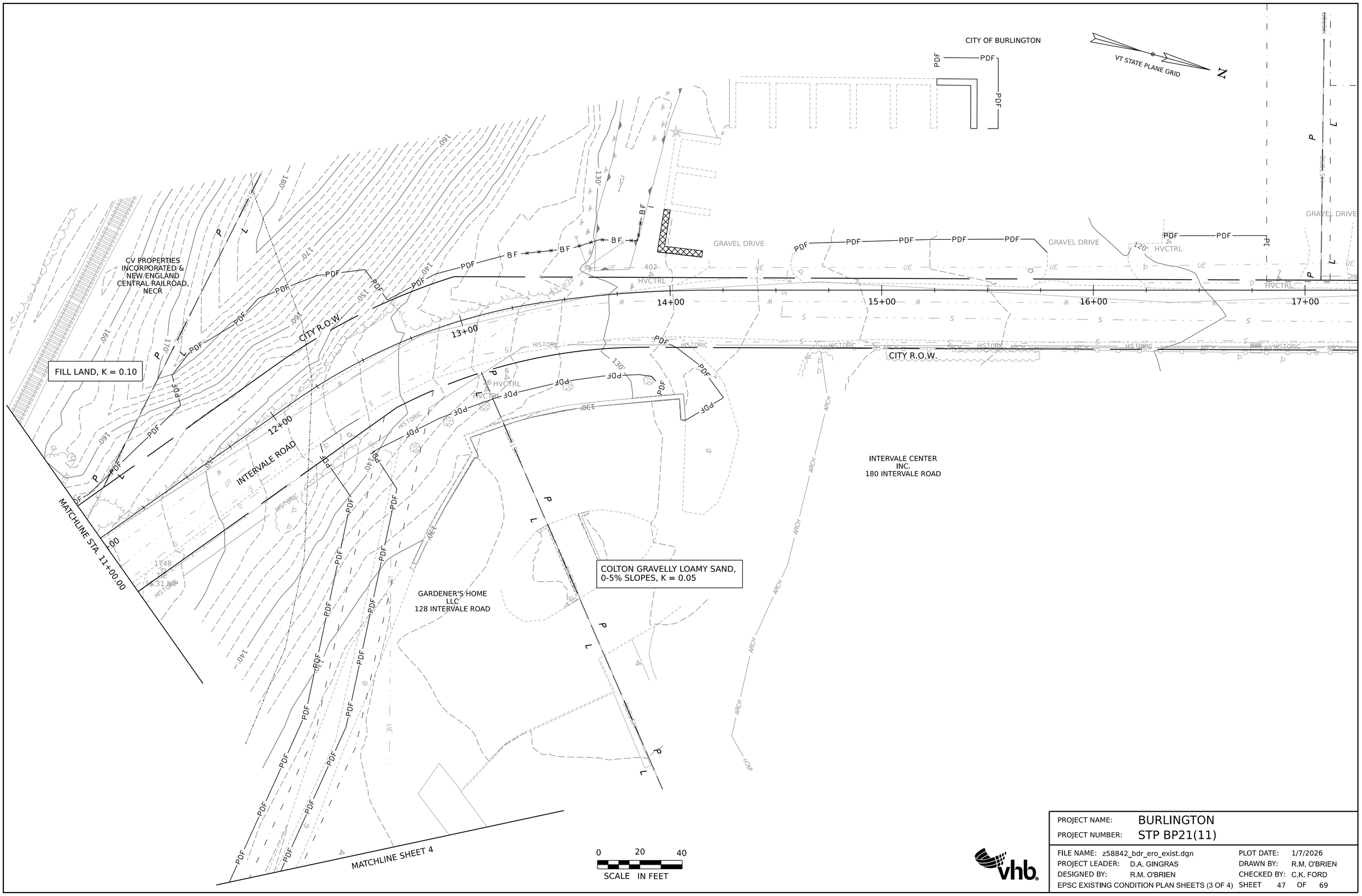
FILL LAND, K = 0.10

CV PROPERTIES INCORPORATED & NEW ENGLAND CENTRAL RAILROAD, NECR

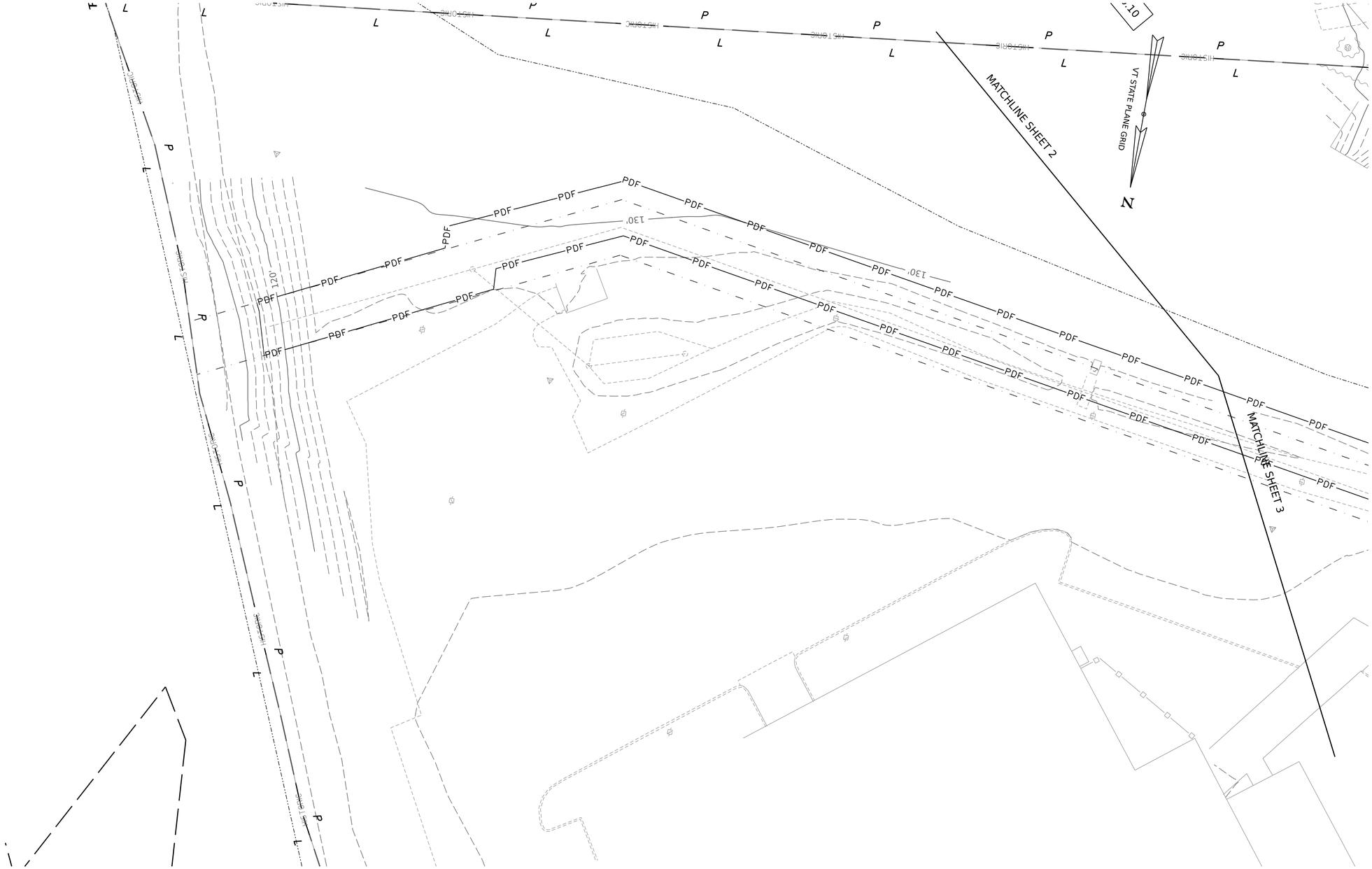
MATCHLINE SHEET 4

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_ero_exist.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
EPSC EXISTING CONDITION PLAN SHEETS (2 OF 4)		SHEET	46 OF 69



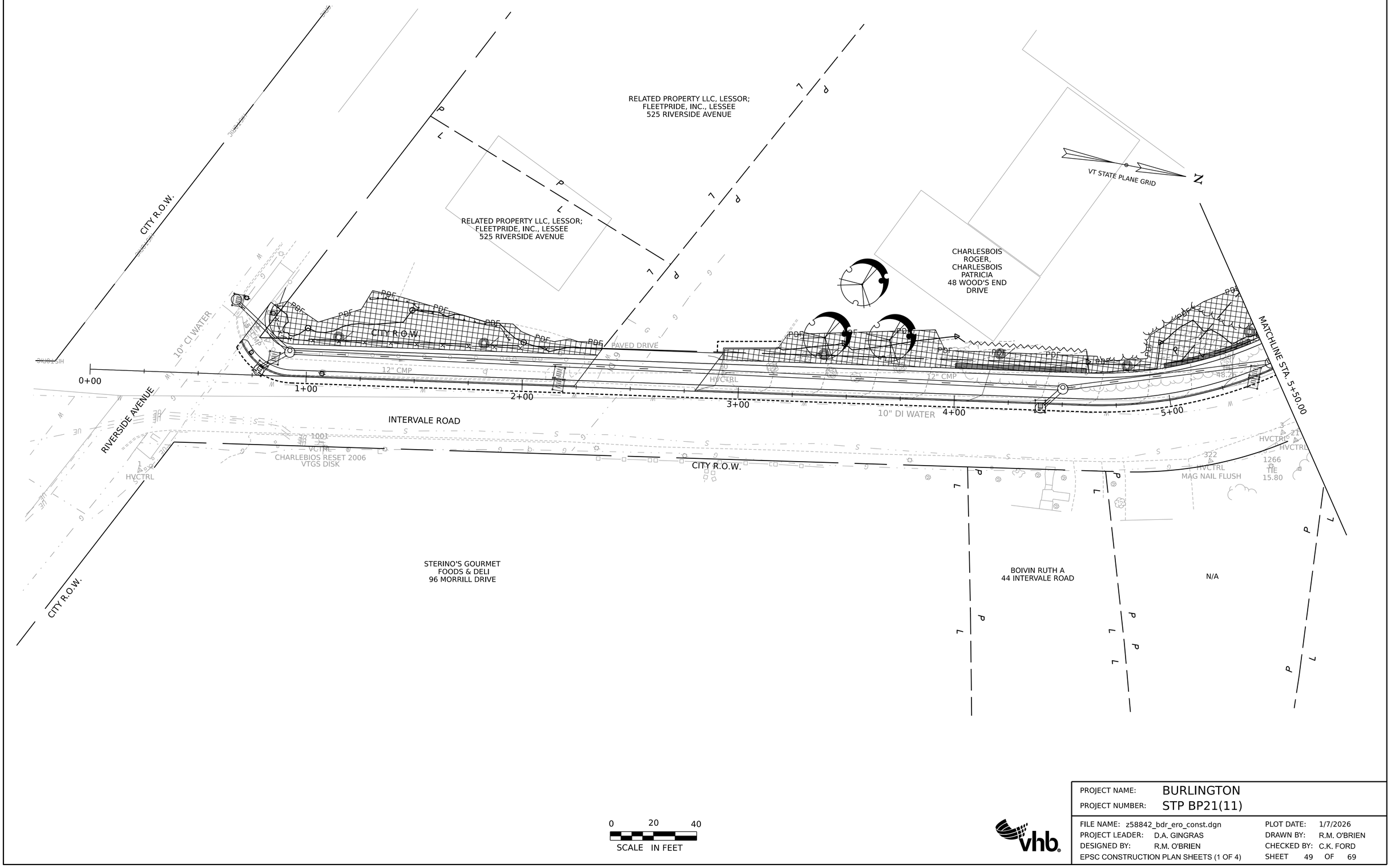
PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_ero_exist.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
EPSC EXISTING CONDITION PLAN SHEETS (3 OF 4)		SHEET	47 OF 69



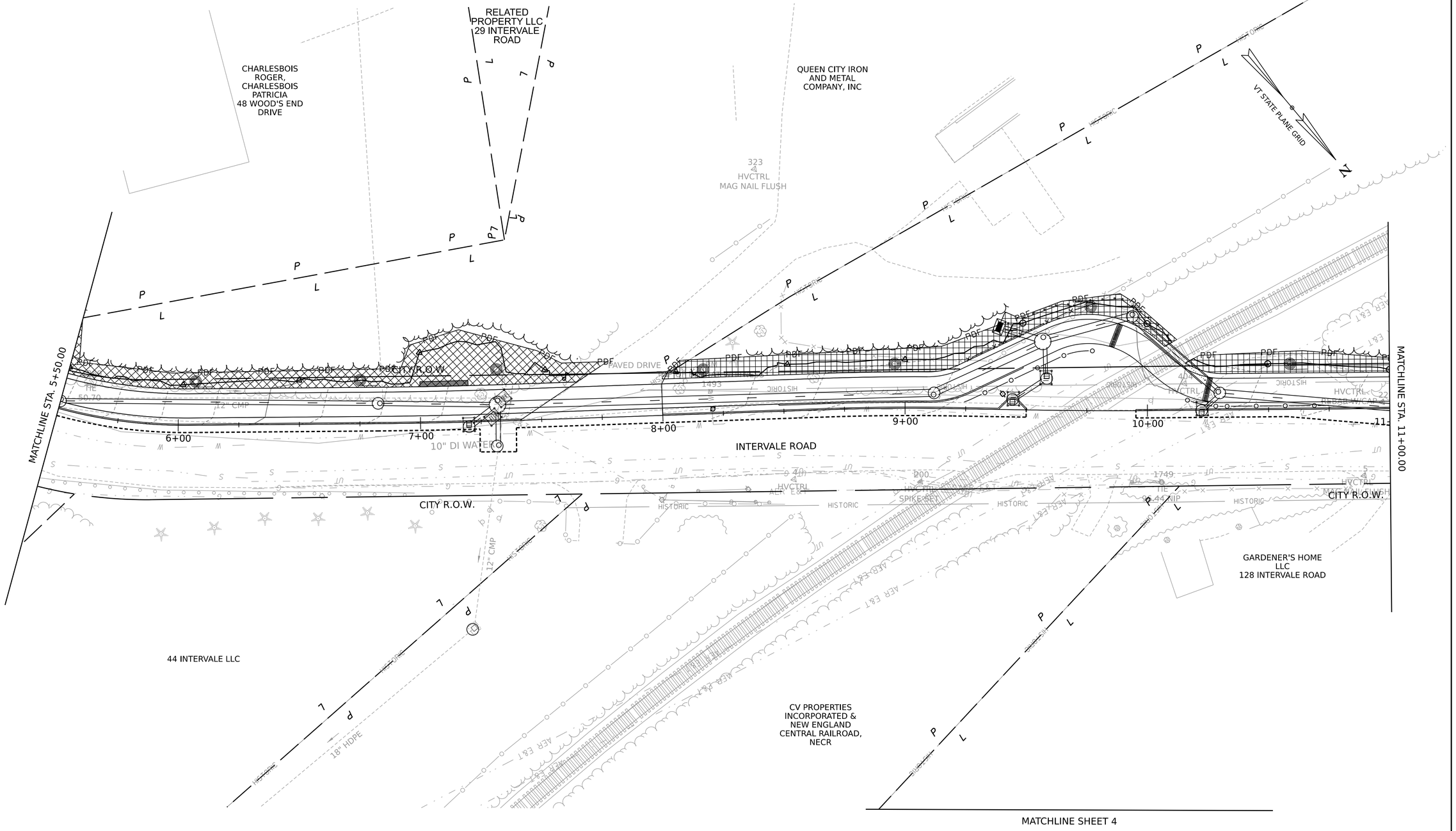
0 20 40
SCALE IN FEET

vhb

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_ero_exist.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
EPSC EXISTING CONDITION PLAN SHEETS (4 OF 4)		SHEET	48 OF 69



PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_ero_const.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
EPSC CONSTRUCTION PLAN SHEETS (1 OF 4)	SHEET 49 OF 69



PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_ero_const.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
EPSC CONSTRUCTION PLAN SHEETS (2 OF 4)	SHEET 50 OF 69

CITY OF BURLINGTON

VT STATE PLANE GRID

N

CV PROPERTIES
INCORPORATED &
NEW ENGLAND
CENTRAL RAILROAD,
NECR

CITY R.O.W.

GRAVEL DRIVE

GRAVEL DRIVE

GRAVEL DRIVE

CITY R.O.W.

12+00

13+00

14+00

15+00

16+00

17+00

INTERVALE ROAD

MATCHLINE STA. 11+00.00

INTERVALE CENTER
INC.
180 INTERVALE ROAD

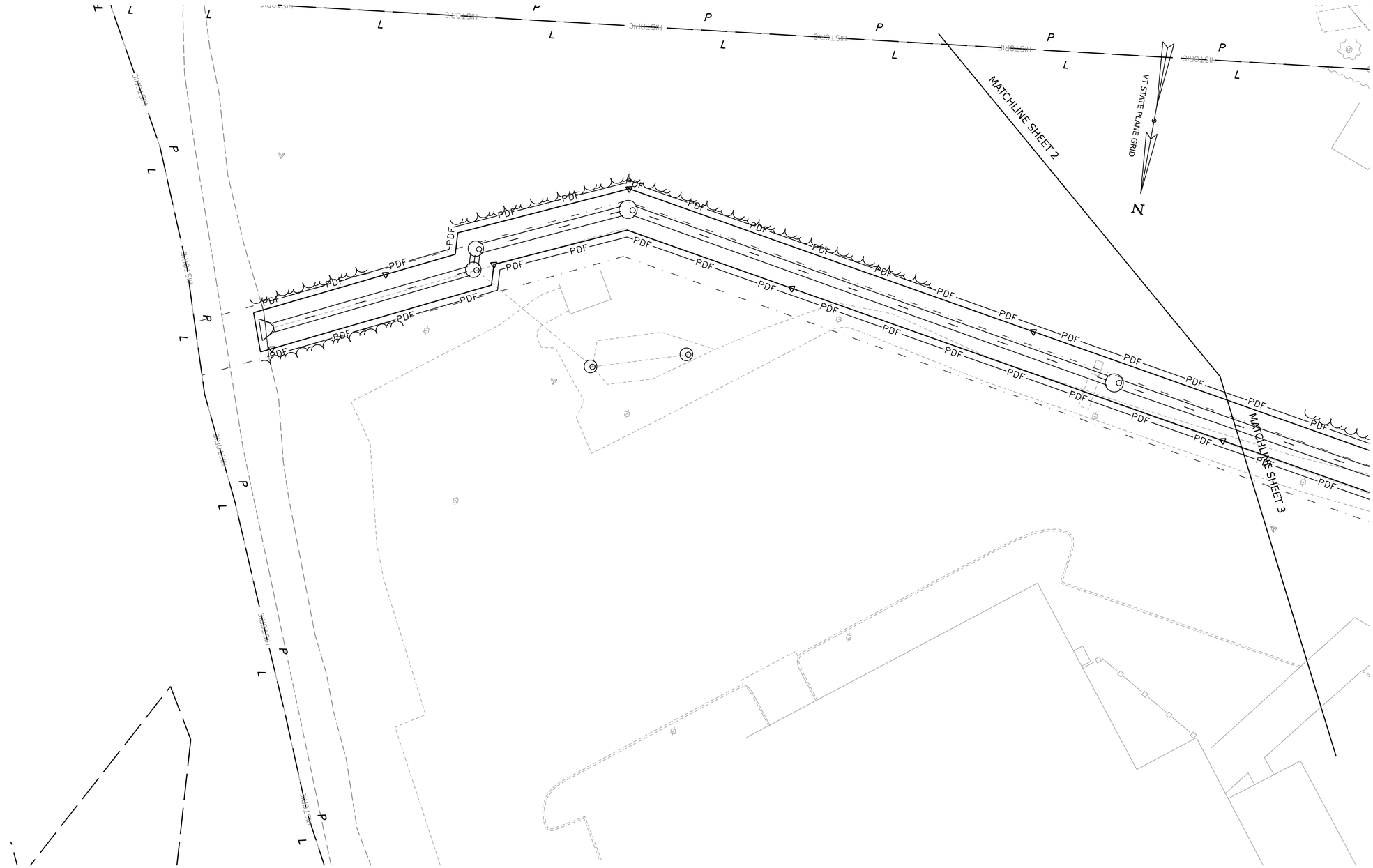
GARDENER'S HOME
LLC
128 INTERVALE ROAD

MATCHLINE SHEET 4

0 20 40

SCALE IN FEET

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_ero_const.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
EPSC CONSTRUCTION PLAN SHEETS (3 OF 4)		SHEET	51 OF 69



0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_ero_const.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
EPSC CONSTRUCTION PLAN SHEETS (4 OF 4)		SHEET	52 OF 69

AREA TO BE STABILIZED WITH VEGETATION

AREA TO BE STABILIZED WITH RECP (SLOPES 3:1 OR GREATER)

RELATED PROPERTY LLC, LESSOR;
FLEETPRIDE, INC., LESSEE
525 RIVERSIDE AVENUE

RELATED PROPERTY LLC, LESSOR;
FLEETPRIDE, INC., LESSEE
525 RIVERSIDE AVENUE

CHARLESBOIS
ROGER,
CHARLESBOIS
PATRICIA
48 WOOD'S END
DRIVE

VT STATE PLANE GRID

N

CITY R.O.W.

10" CI WATER

CITY R.O.W.

PAVED DRIVE

12" CMP

12" CMP

HVCTRL

10" DI WATER

MATCHLINE STA. 5+50.00

0+00

1+00

2+00

3+00

4+00

5+00

48.2

STOP

INTERVALE ROAD

RIVERSIDE AVENUE

1001

VCTRL

CHARLEBIOS RESET 2006
VTGS DISK

1
HVCTRL

CITY R.O.W.

CITY R.O.W.

322

HVCTRL
MAG NAIL FLUSH

1266
TIE
15.80

HVCTRL

HVCTRL

STERINO'S GOURMET
FOODS & DELI
96 MORRILL DRIVE

BOIVIN RUTH A
44 INTERVALE ROAD

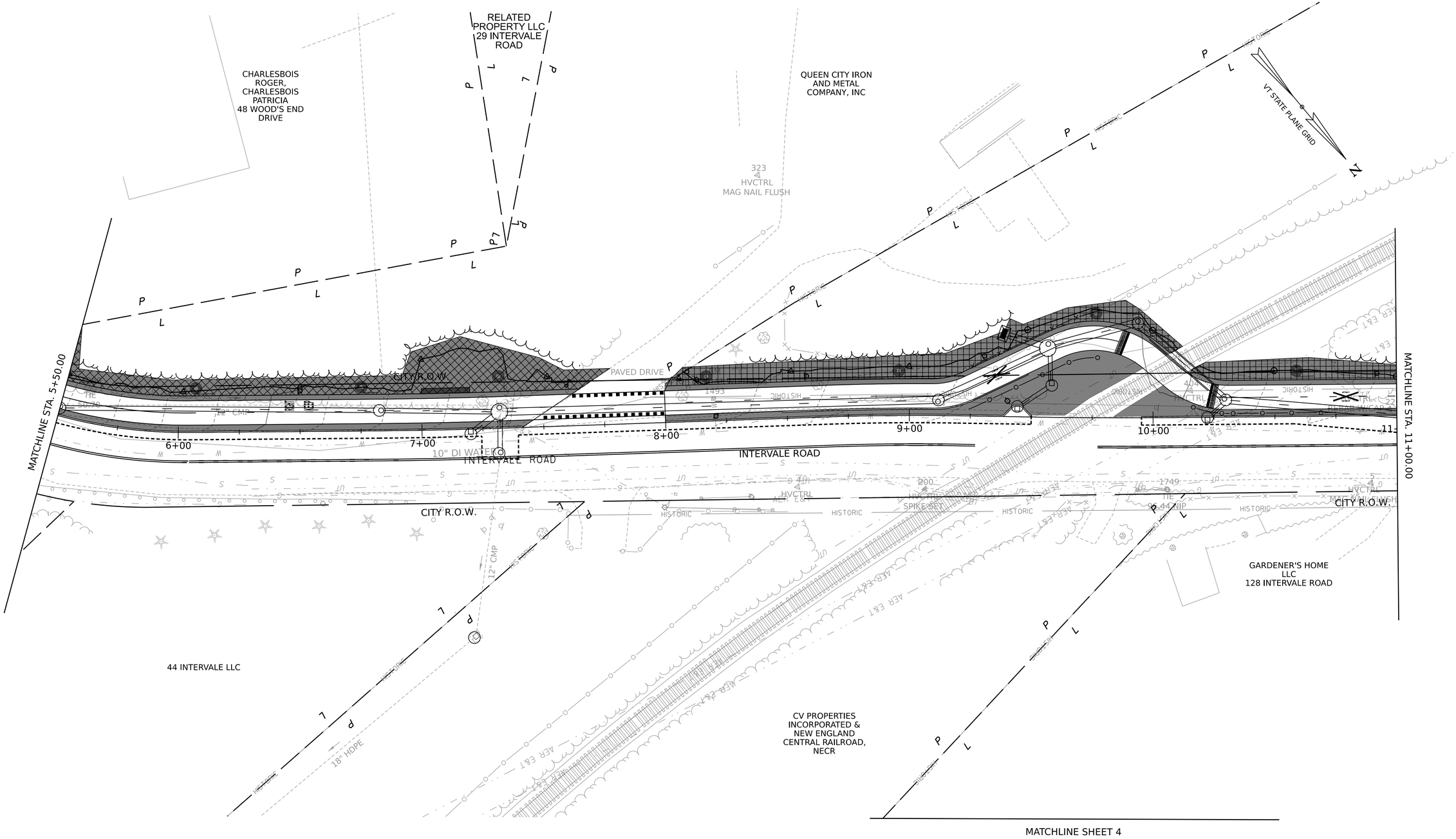
N/A

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_ero_final.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
EPSC FINAL PLAN SHEETS (1 OF 4)		SHEET	53 OF 69

AREA TO BE STABILIZED WITH VEGETATION

AREA TO BE STABILIZED WITH RECP (SLOPES 3:1 OR GREATER)



0 20 40

SCALE IN FEET

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_ero_final.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
EPSC FINAL PLAN SHEETS (2 OF 4)	SHEET 54 OF 69

AREA TO BE STABILIZED WITH VEGETATION

AREA TO BE STABILIZED WITH RECP (SLOPES 3:1 OR GREATER)

CITY OF BURLINGTON

VT STATE PLANE GRID

N

CV PROPERTIES INCORPORATED & NEW ENGLAND CENTRAL RAILROAD, NECR

CITY R.O.W.

INTERVALE ROAD

MATCHLINE STA. 11+00.00

MATCHLINE SHEET 4

GARDENER'S HOME LLC
128 INTERVALE ROAD

INTERVALE CENTER INC.
180 INTERVALE ROAD

GRAVEL DRIVE

GRAVEL DRIVE

GRAVEL DRIVE

CITY R.O.W.

12+00

13+00

14+00

15+00

16+00

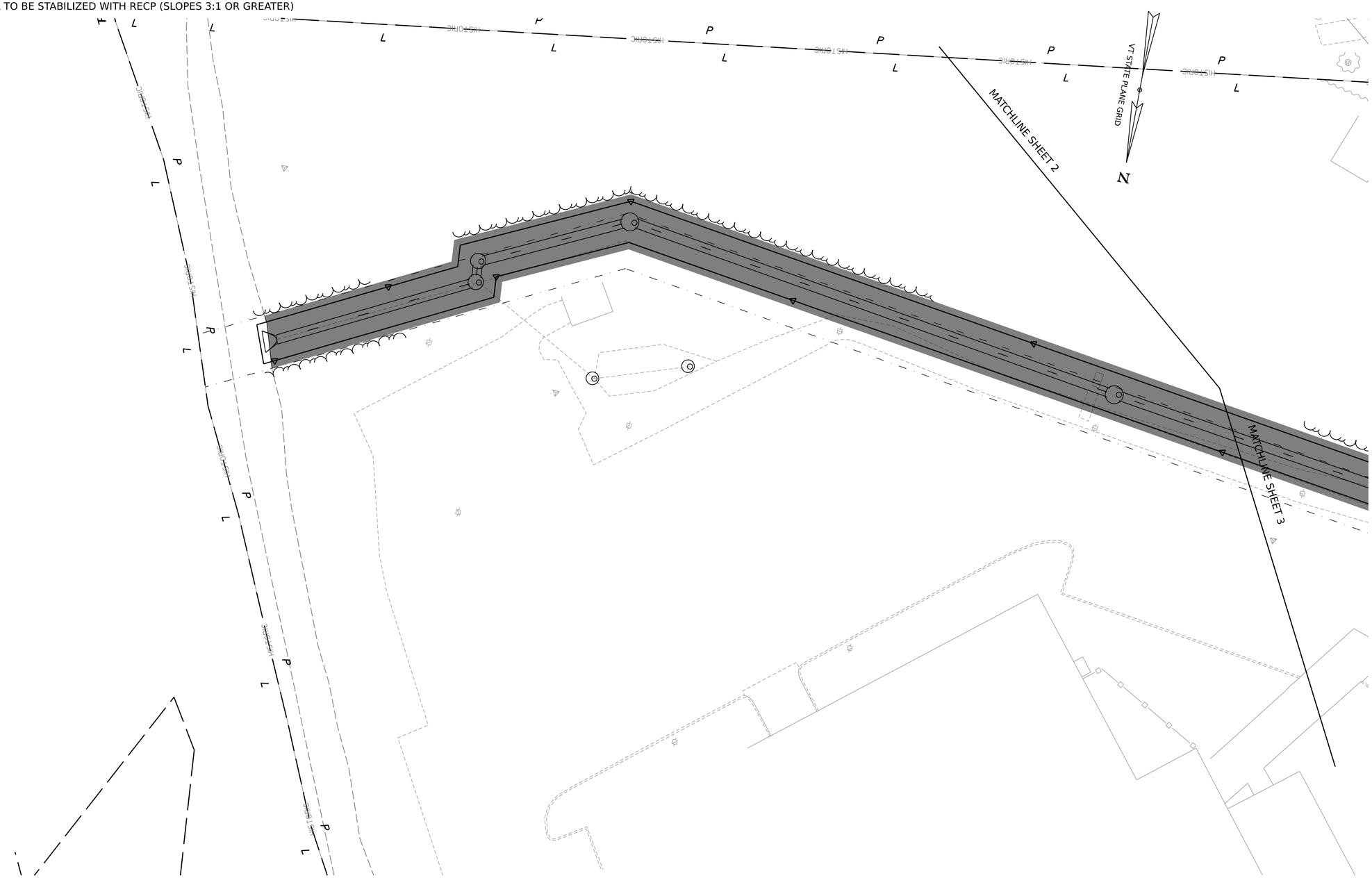
17+00

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_ero_final.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
EPSC FINAL PLAN SHEETS (3 OF 4)		SHEET	55 OF 69

AREA TO BE STABILIZED WITH VEGETATION

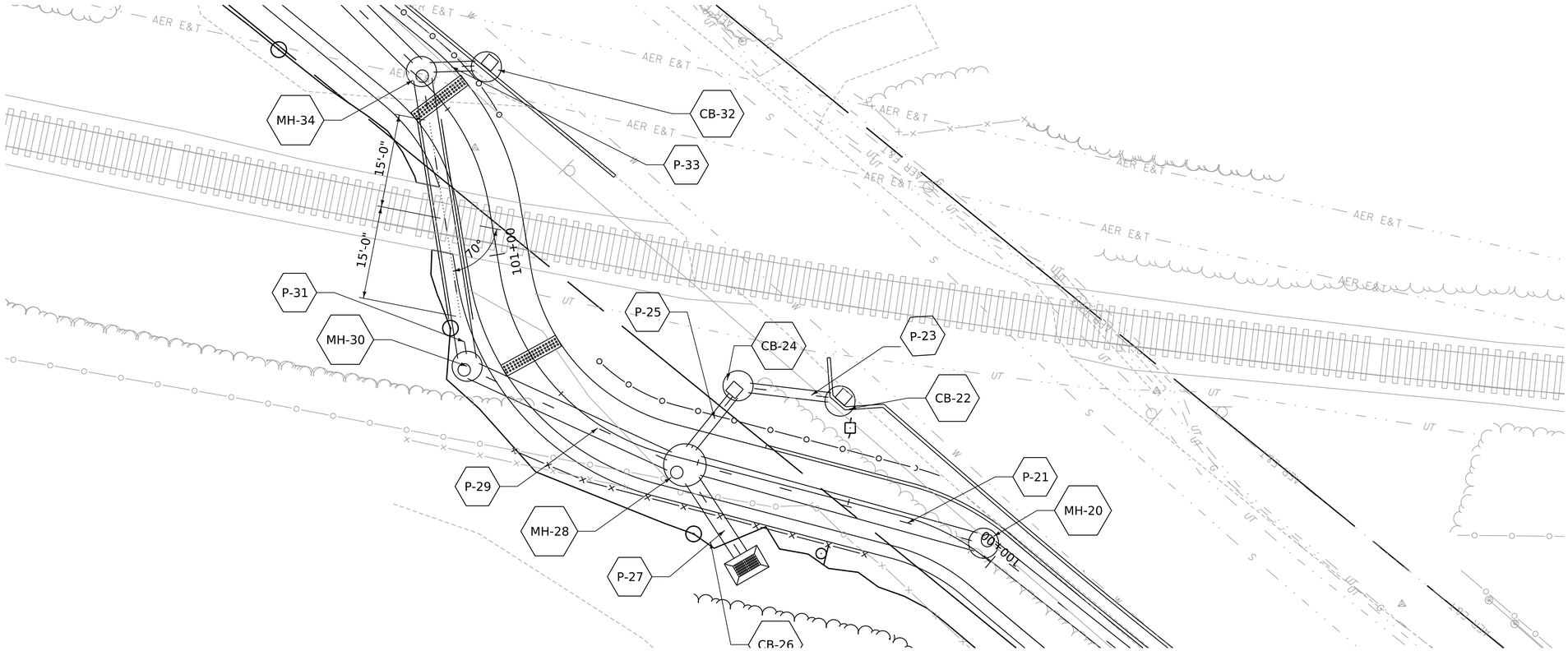
AREA TO BE STABILIZED WITH RECP (SLOPES 3:1 OR GREATER)

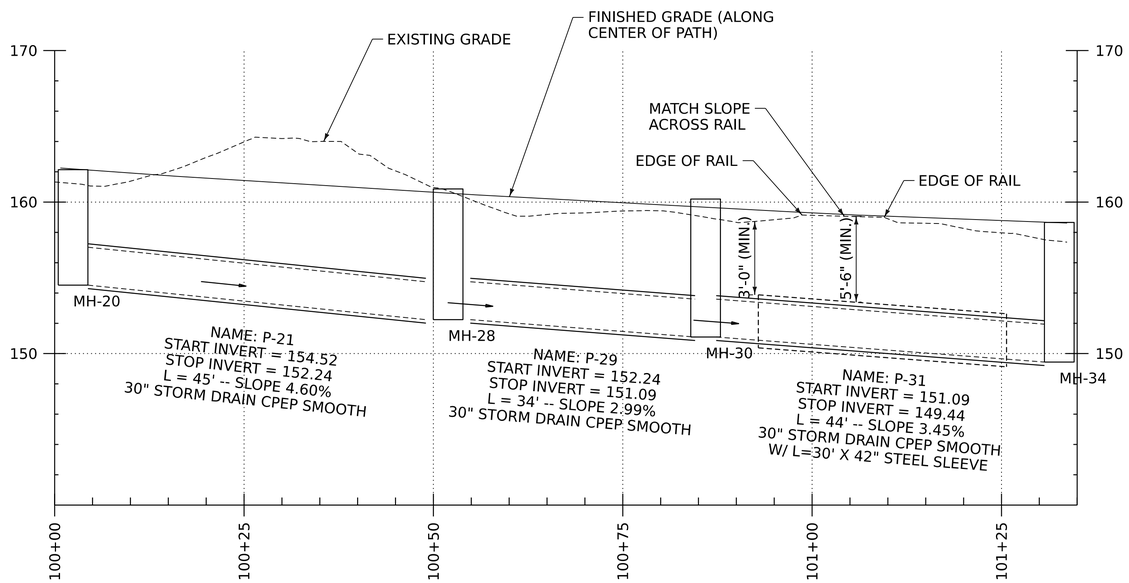


0 20 40

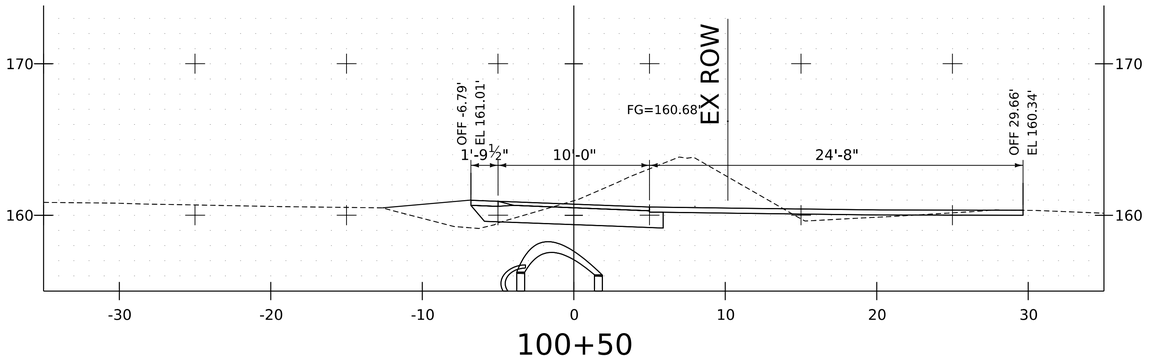
SCALE IN FEET

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_ero_final.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
EPSC FINAL PLAN SHEETS (4 OF 4)		SHEET	56 OF 69

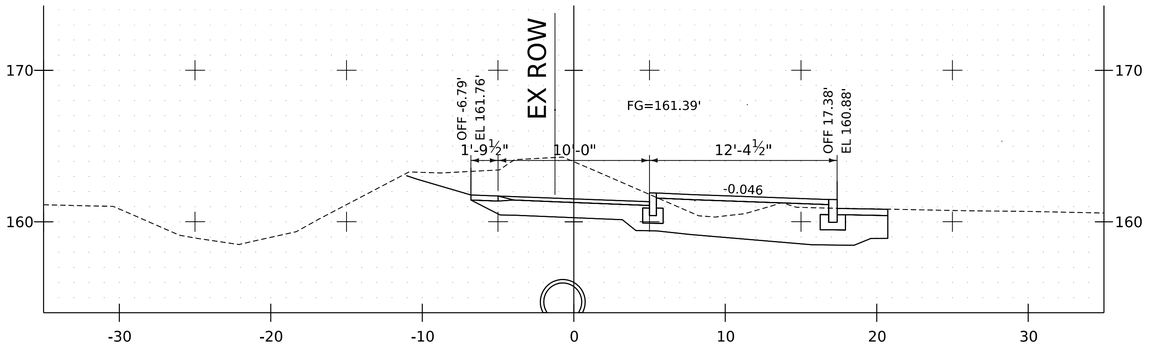




PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_pro_railroad.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
RAILROAD CROSSING PLAN & PROFILE SHEET		SHEET 57 OF 69	



100+50



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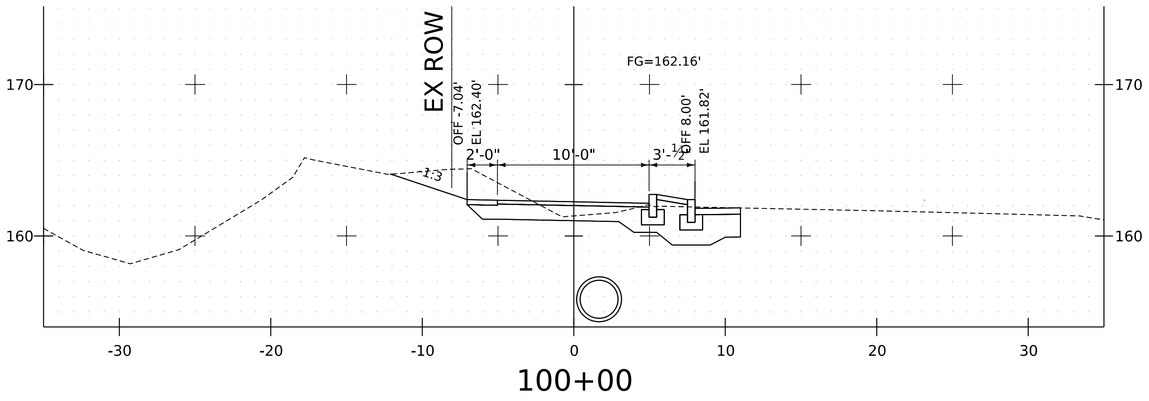

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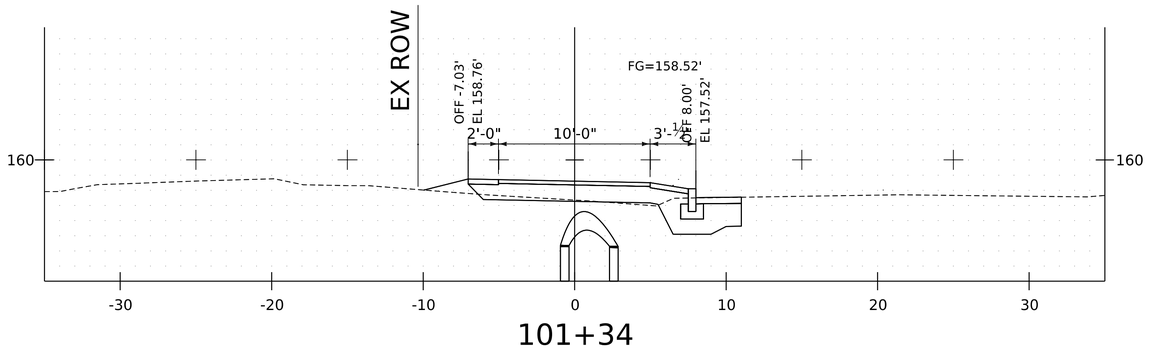
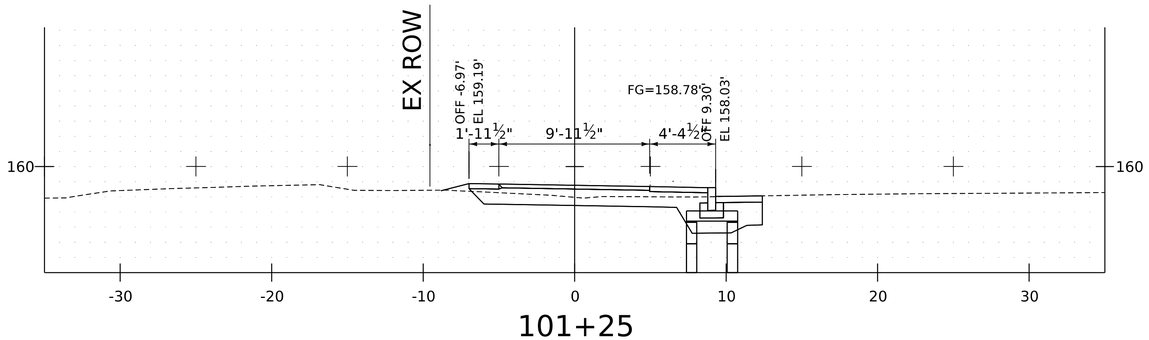


101+34



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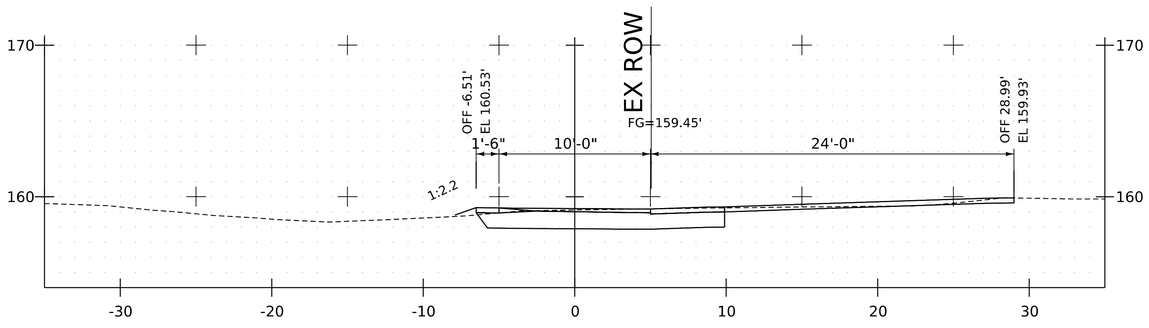
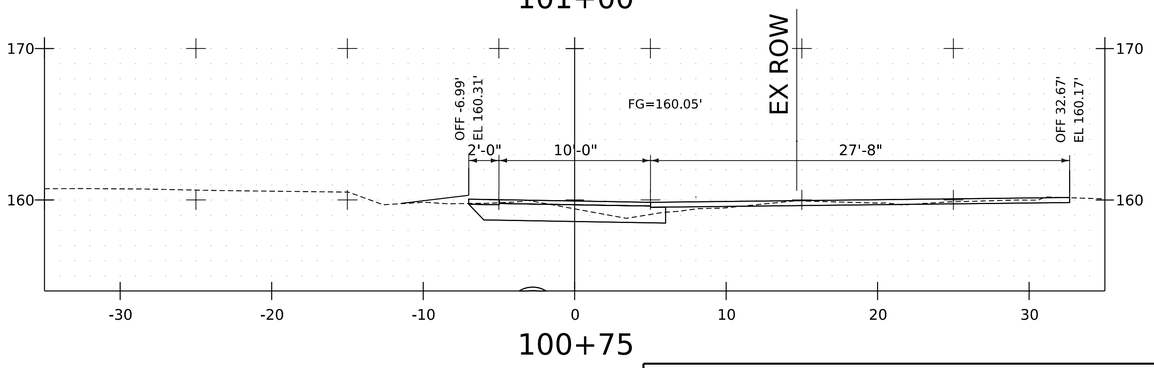


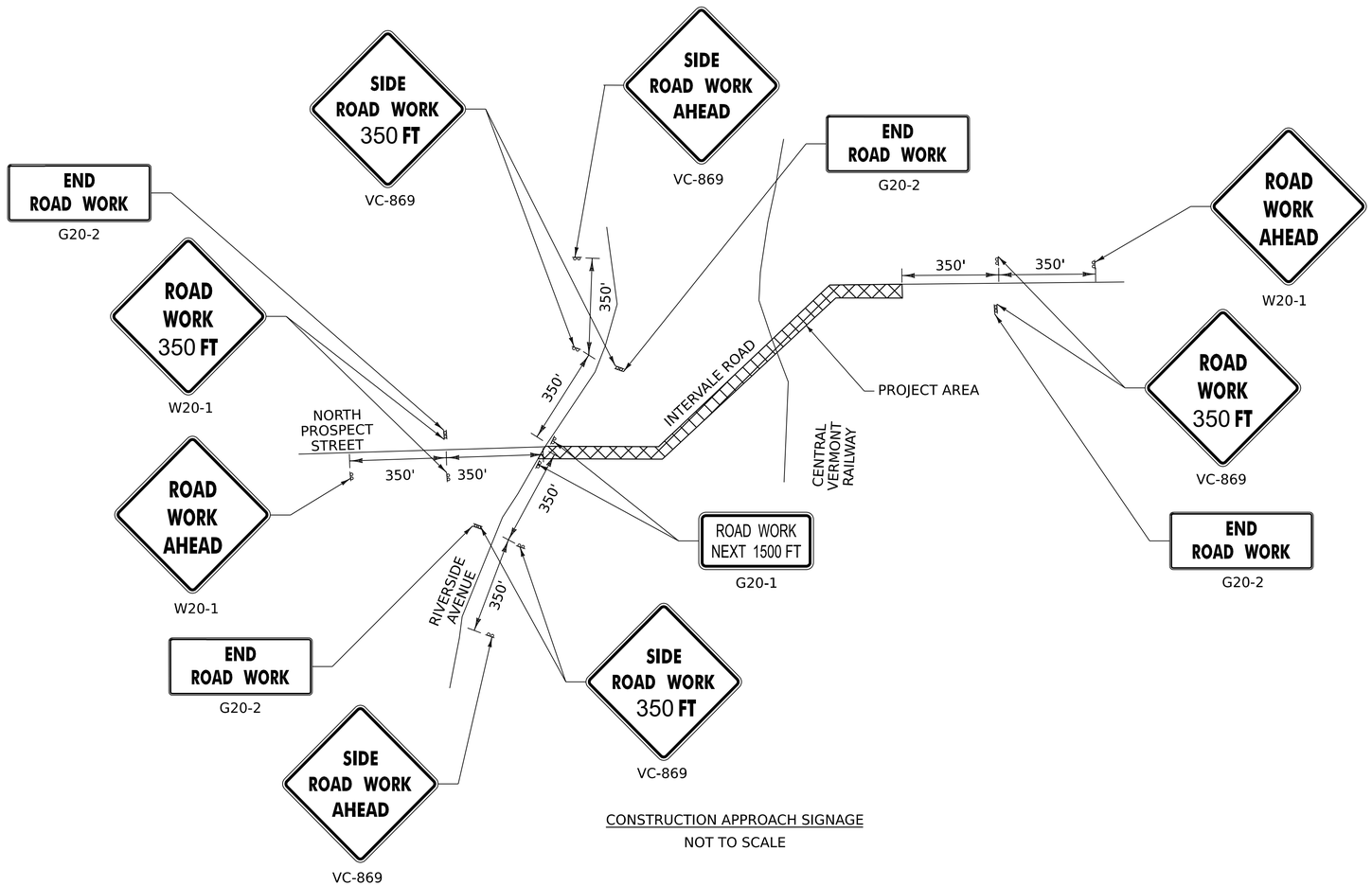
101+00



100+75

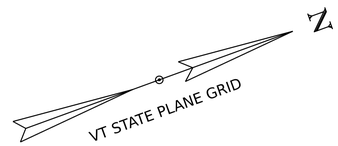
PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)

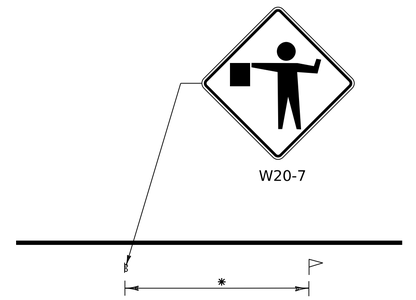
FILE NAME: z58842_xs_railroad.dgn		PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
RAILROAD CROSSING CROSS SECTION SHEET		SHEET	58 OF 69



CONSTRUCTION APPROACH SIGNAGE

NOT TO SCALE





ADDITIONAL SIGNAGE WHEN FLAGGERS ARE ACTIVELY WORKING

⚐ = FLAGGER

* AT NO TIME SHOULD THE FLAGGER SYMBOL SIGN BE MORE THAN 500 FEET FROM THE FLAGGER STATION. FLAGGER SIGNS SHALL BE COVERED OR TURNED AWAY FROM TRAFFIC WHEN FLAGGING OPERATIONS CEASE FOR LONGER THAN 15 MINUTES.

TRAFFIC CONTROL NOTES

1. THE 11TH EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC DEVICES ARE ERECTED OR PLACED, OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED, THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.
2. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE 11TH EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CURRENT STATE STANDARDS.
3. THE BID PRICE FOR ITEM 641.1100 TRAFFIC CONTROL, ALL-INCLUSIVE SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH, ON AND OFF PROJECT CONSTRUCTION SIGNING, PORTABLE FLASHING ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN VTRANS STANDARDS. ALL ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES AS DIRECTED BY THE ENGINEER SHALL ALSO BE INCLUDED.
4. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VTRANS STANDARDS.
5. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS. ALL VEGETATION THAT INTERFERES WITH THE VISIBILITY OF THE SIGNS SHALL BE REMOVED.
6. ALL PERMANENT SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETELY COVERED, THE PAYMENT FOR WHICH WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.1100 TRAFFIC CONTROL, ALL-INCLUSIVE. SIGN COVERING SHALL NOT DAMAGE THE RETRO-REFLECTIVITY OF THE SIGN FACE AND THE SIGN COVER SHALL NOT BE ALLOWED TO DETERIORATE FOR THE DURATION THAT THE SIGN NEEDS COVERING.
7. DIAMOND SHAPED SIGNS SHALL BE 48" X 48" WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
8. SEE VTRANS STANDARDS T-1 AND T-10 FOR ADDITIONAL SIGN PLACEMENT DETAILS.
9. THE CONTRACTOR SHALL PROVIDE ACCESS THROUGH THE WORK ZONE FOR EMERGENCY VEHICLES AT ALL TIMES OR COORDINATE EMERGENCY ROUTES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL COMMERCIAL AND MUNICIPAL PROPERTIES DURING BUSINESS HOURS AND COORDINATE MAJOR WORK ON COMMERCIAL OR MUNICIPAL ACCESSES WITH THE OWNER AT LEAST ONE WEEK PRIOR TO STARTING THE WORK. ALL COMMERCIAL AND MUNICIPAL ACCESSES SHALL BE KEPT FREE OF WORK AND TRAFFIC CONTROLLED BY UNIFORMED TRAFFIC OFFICERS OR FLAGGERS AS REQUIRED BY THE ENGINEER. ACCESS TO ALL PROPERTIES MAY BE RESTRICTED FOR A SHORT DURATION (A FEW HOURS). THIS WORK WILL BE COORDINATED WITH THE OWNER.
10. ACCOMMODATIONS FOR POSTAL DELIVERS, NEWSPAPER ROUTES, TRASH SERVICES AND/OR OTHER DELIVERY SERVICES INTERRUPTED BY THE PROJECT OR DETOUR SHOULD BE COMMUNICATED WITH THE PROPER CONTACTS.
11. CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.
12. BICYCLE ACCOMMODATIONS SHOULD BE TAKEN TO ENSURE THAT OBSTACLES, EQUIPMENT, CONSTRUCTION MATERIALS, TRAFFIC CONTROL DEVICES, ETC. DO NOT ENCROACH INTO THE BICYCLE PATH OF TRAVEL. IT IS IMPORTANT THAT CYCLIST'S ROUTES ARE FREE OF RUTS, SAND AND MUD TO PREVENT CYCLIST CRASHES.
13. FARMLAND BORDERS SEGMENTS OF THIS ROUTE; COORDINATION WITH HARVEST TIME WITH LOCAL FARMERS SHOULD BE CONSIDERED.

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_tcp.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
TRAFFIC CONTROL PLAN NARRATIVE (1 OF 2)	SHEET 59 OF 69

PEDESTRIAN TEMPORARY TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) FOR REVIEW AND WRITTEN APPROVAL BY THE AGENCY A MINIMUM OF THREE WEEKS BEFORE SUCH PLAN IS IMPLEMENTED. THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPARS AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES, RESIDENCES, ETC.

2. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, ON AT LEAST ONE SIDE OF THE STREET DURING CONSTRUCTION.
ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), PART 6.

3. PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES, COMMERCIAL PROPERTIES AND TRANSIT STOPS. THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.

4. IF SIDEWALKS ARE CLOSED, A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK, IF POSSIBLE. SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCE NOTICE OF THE CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 FOOT PASSING SPACE MUST BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE FIRM, STABLE AND SLIP-RESISTANT AND CONTINUOUS WITH A MINIMUM 80 INCHES OVERHEAD CLEARANCE FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFLICTS WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.

5. WHEN TEMPORARY CROSSWALKS ARE UTILIZED FOR THE TPAR, TEMPORARY DETECTABLE WARNINGS SHALL BE PLACED AT EACH END OF THE TEMPORARY CROSSWALKS. THE TEMPORARY CROSSWALK SHALL BE DELINEATED WITH TEMPORARY PAVEMENT MARKINGS OR TAPE. THE MARKINGS SHALL BE PARALLEL 12-INCH-WIDE WHITE LINES PLACE 7 FEET ON CENTER APART. IT SHOULD BE NOTED THAT CURB PARKING SHALL BE PROHIBITED FOR AT LEAST 20 FEET FROM MIDBLOCK CROSSWALKS. TEMPORARY CROSSWALK SIGNS SHALL BE PROVIDED FOR THE CROSSWALK.

6. IF THERE IS WORK OCCURRING OVER AN OPEN SIDEWALK, PROTECTIVE OVERHEAD COVERING MUST BE PROVIDED AS NECESSARY TO ENSURE PROTECTION FROM FALLING OBJECTS AND DRIPPING FROM OVERHEAD STRUCTURES. COVERED WALKWAYS SHOULD BE STURDILY CONSTRUCTED AND ADEQUATELY LIGHTED FOR NIGHTTIME USE.

7. INDIVIDUAL CHANNELIZING DEVICES, TAPE, OR ROPE USED TO CONNECT INDIVIDUAL DEVICES AND OTHER DISCONTINUOUS BARRIERS AND DEVICES, PAVEMENT MARKINGS ARE NOT DETECTABLE BY PERSONS WITH VISUAL DISABILITIES. THESE MEASURES DO NOT PROVIDE ACCEPTABLE PATH GUIDANCE ON TEMPORARY OR RE-ALIGNED SIDEWALKS OR OTHER PEDESTRIAN FACILITIES. PEDESTRIAN CHANNELIZING DEVICES SHALL INCLUDE A CONTINUOUSLY DETECTABLE BOTTOM AND TOP EDGE THROUGHOUT THE LENGTH OF THE FACILITY SUCH THAT IT CAN BE FOLLOWED BY PEDESTRIANS USING LONG CANES FOR GUIDANCE.

8. CHANNELIZING DEVICES ON BOTH SIDES OF THE TPAR SHALL INCLUDE A CONTINUOUS SOLID TOP AND BOTTOM RAILS. THE TOP EDGE OF THE TOP RAIL SHALL BE BETWEEN 32 INCHES AND 38 INCHES ABOVE THE GROUND LEVEL. THE BOTTOM RAIL SHALL BE AT LEAST 6 INCHES WIDE, WITH THE BOTTOM EDGE OF THE BOTTOM RAIL SURFACE NO HIGHER THAN 2 INCHES ABOVE THE GROUND.

9. IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROPOFFS, THEN CRASHWORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE MUTCD SHALL BE USED.

10. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.

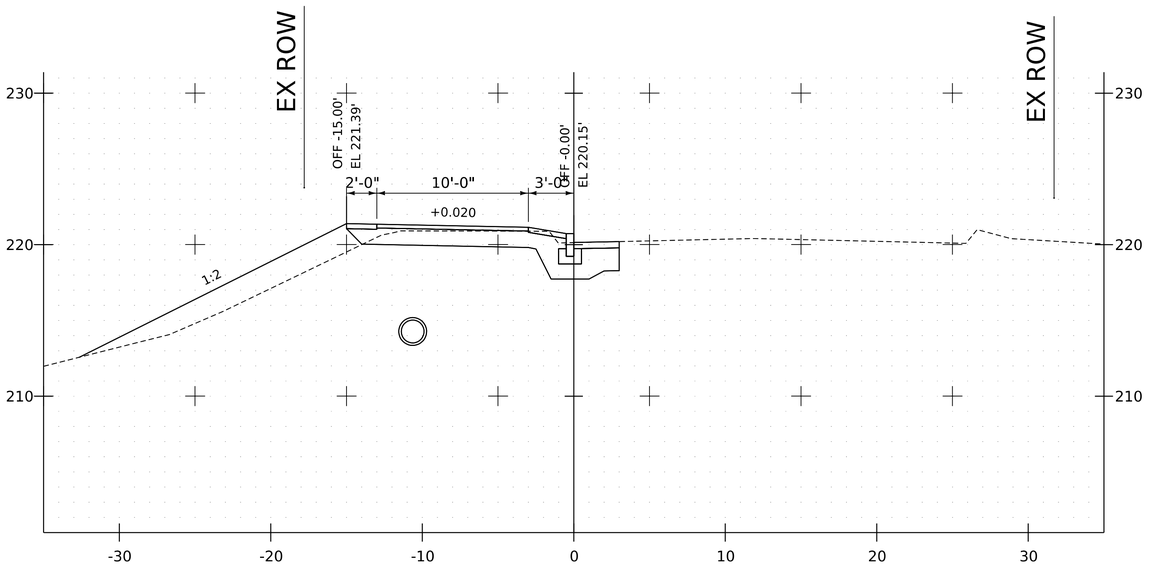
11. PROVISION OF THE TPAR AND ALL ITS ELEMENTS, INCLUDING BUT NOT LIMITED TO SIGNS, CHANNELIZING DEVICES, BARRICADES, TEMPORARY CURB RAMPS, TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES IS TO BE PAID FOR INCIDENTAL TO TRAFFIC CONTROL, ALL-INCLUSIVE (ITEM 641.11.)

12. THE CONTRACTOR SHALL REVIEW AND USE THE "VERMONT BICYCLE AND PEDESTRIAN WORK ZONE TRAFFIC CONTROL GUIDE," AVAILABLE ON VTRANS WEBSITE TO DESIGN AND IMPLEMENT TRAFFIC CONTROL FOR BICYCLE AND PEDESTRIAN INTO THEIR SITE-SPECIFIC TRAFFIC CONTROL PLAN FOR ALL STAGES OF CONSTRUCTION.

13. WHEN NO SIDEWALK EXISTS WITHIN THE CONSTRUCTION AREA, BUT PEDESTRIANS AND BICYCLISTS USE THE SHOULDER, A TEMPORARY CIRCULATION PATH SHALL BE MADE AVAILABLE WHEN THE SHOULDER IS CLOSED DUE TO CONSTRUCTION ACTIVITIES. THE TEMPORARY CIRCULATION PATH SHALL MATCH THE LEVEL OF ACCESSIBILITY THAT EXISTS PRIOR TO THE SHOULDER CLOSURE.

14. AS THE NEW PATHWAY IS CONSTRUCTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLOSING OFF THE FULL WIDTH OF THE PATHWAY DURING NON-WORKING HOURS AND UNTIL THE PROJECT IS COMPLETED TO PREVENT ACCESS BY PEDESTRIANS AND BICYCLISTS FROM ENTERING THE WORK AREA.

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_tcp.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
TRAFFIC CONTROL PLAN NARRATIVE (2 OF 2)	SHEET 60 OF 69



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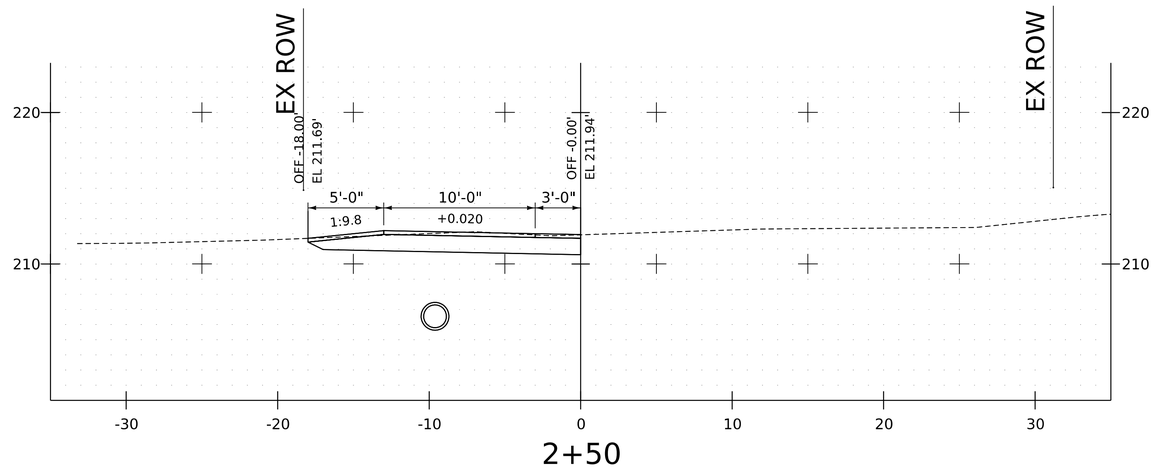

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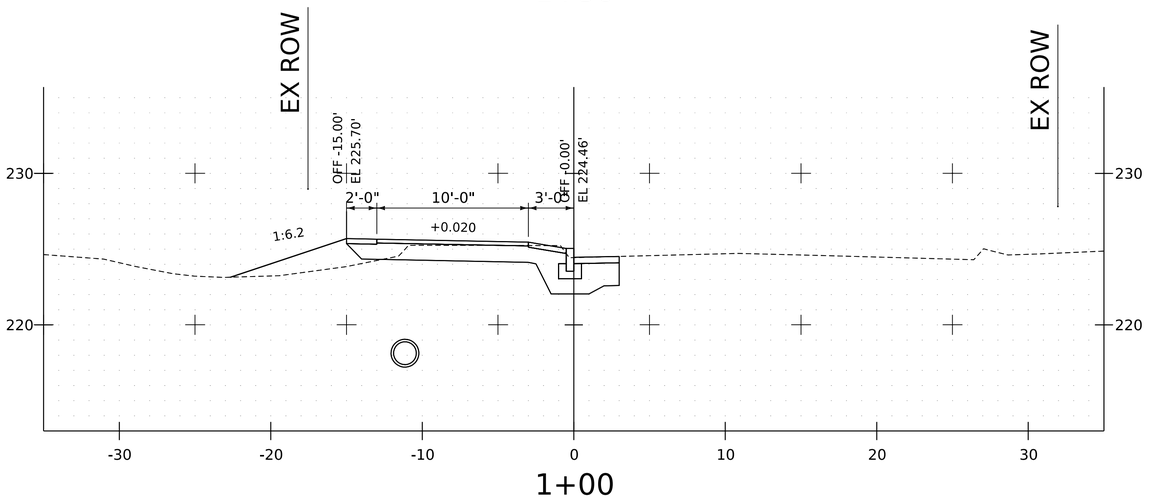

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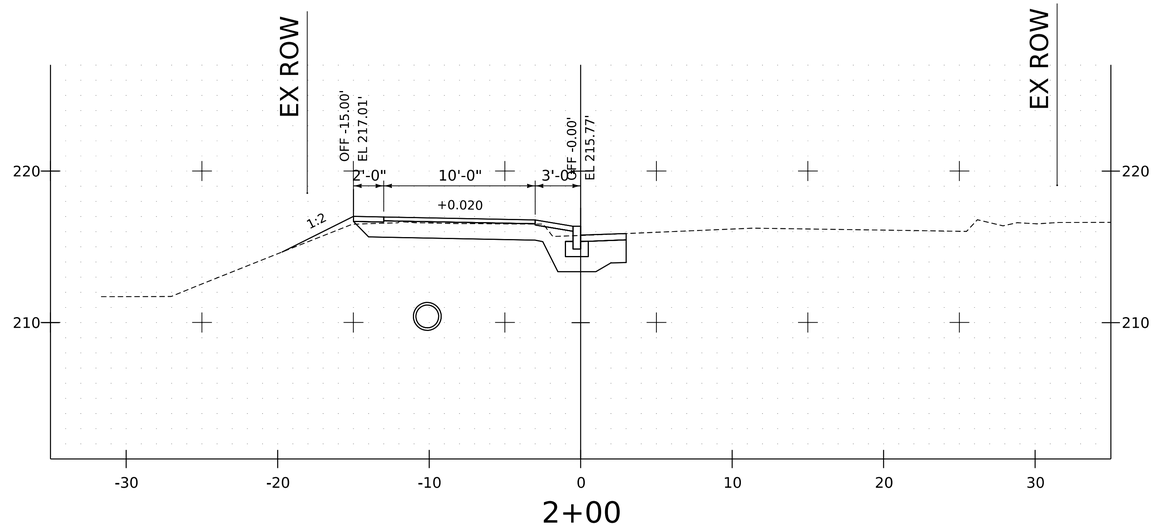

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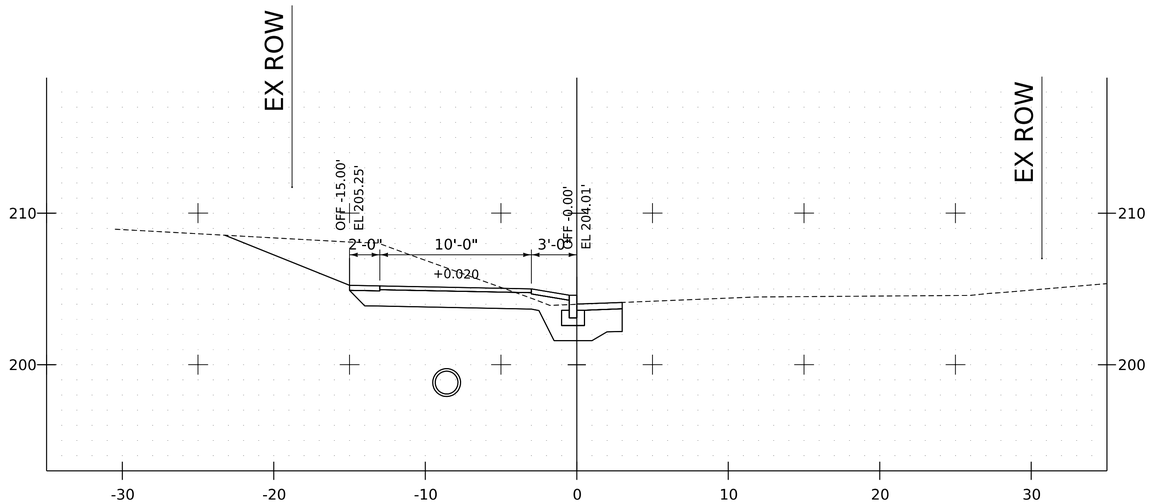
PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)

FILE NAME:	z58842_xs.dgn	PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
CROSS SECTION SHEETS (1 OF 9)		SHEET	61 OF 69



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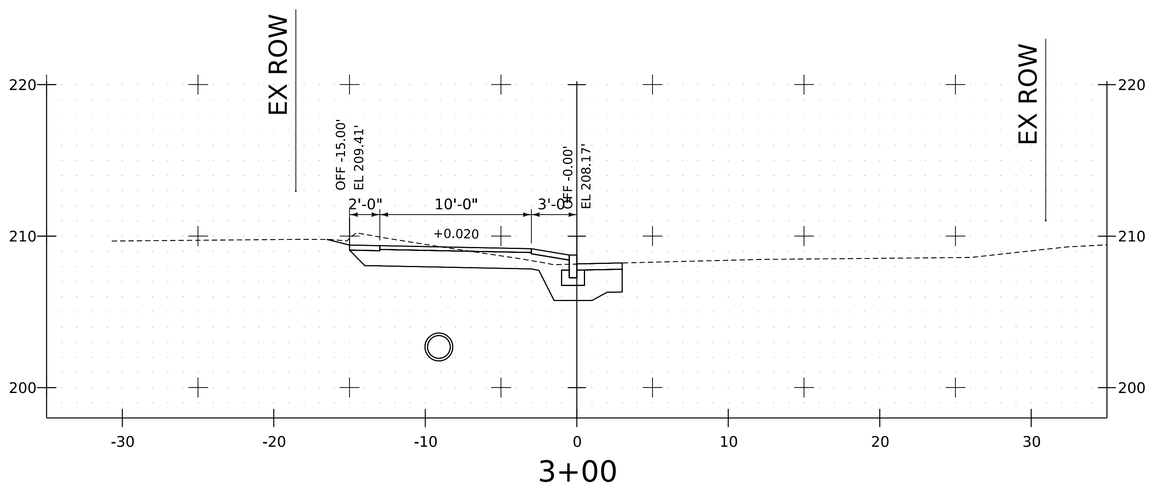

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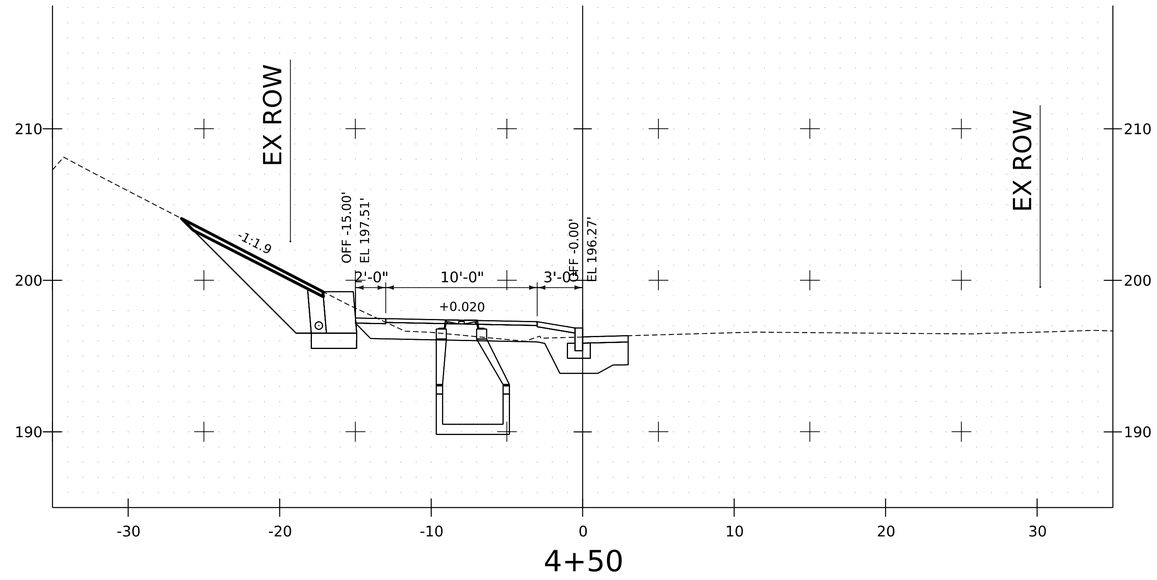

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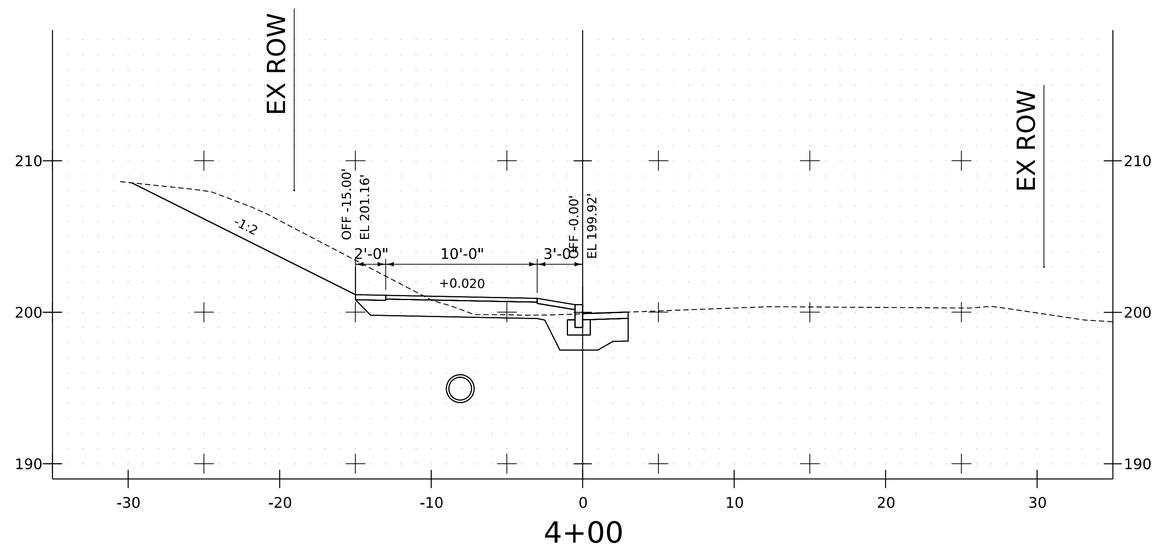

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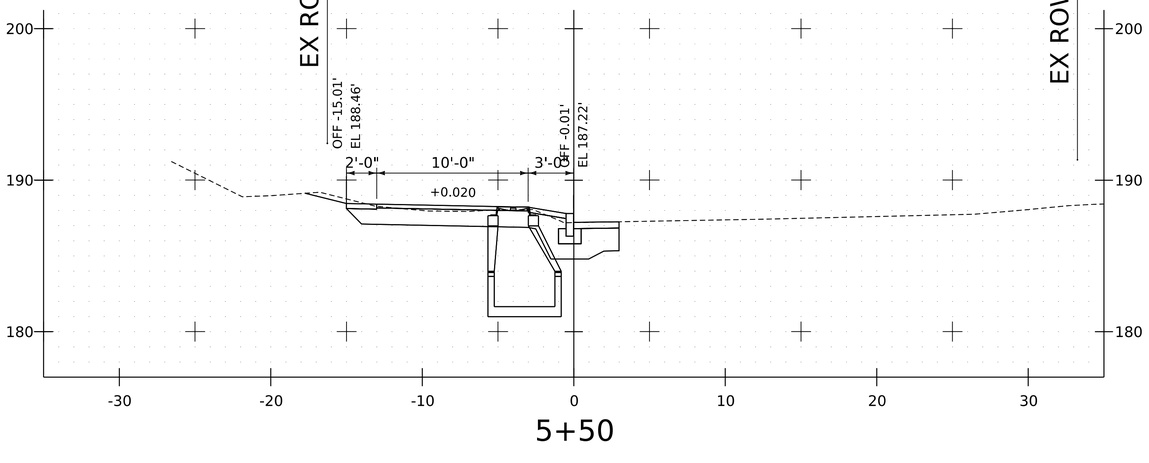
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
CROSS SECTION SHEETS (2 OF 9)		SHEET	62 OF 69



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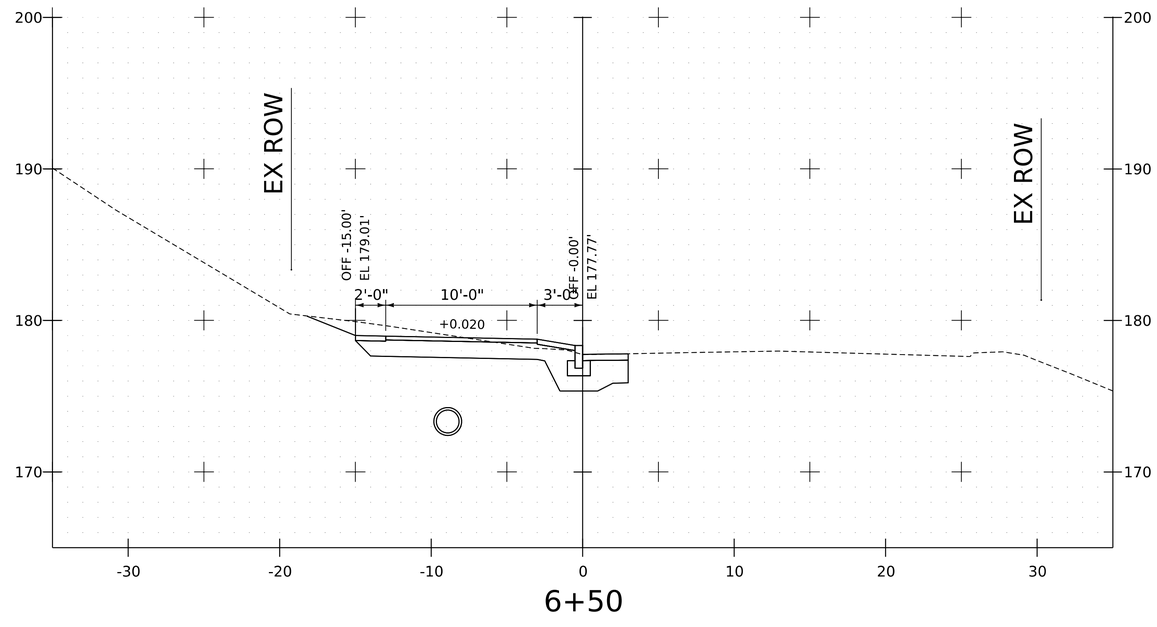

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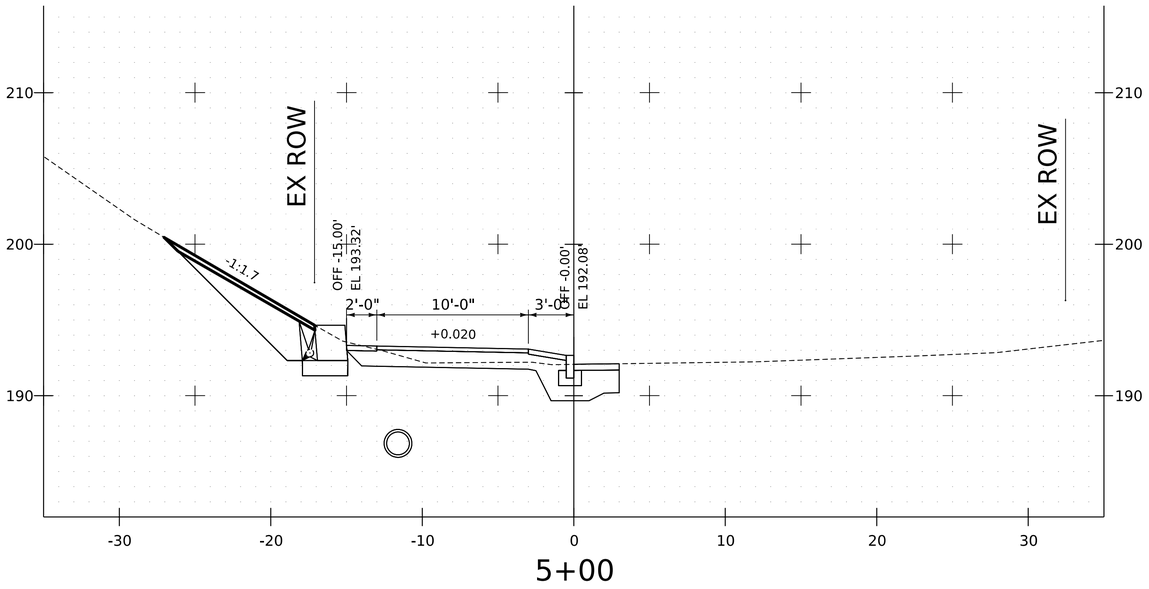

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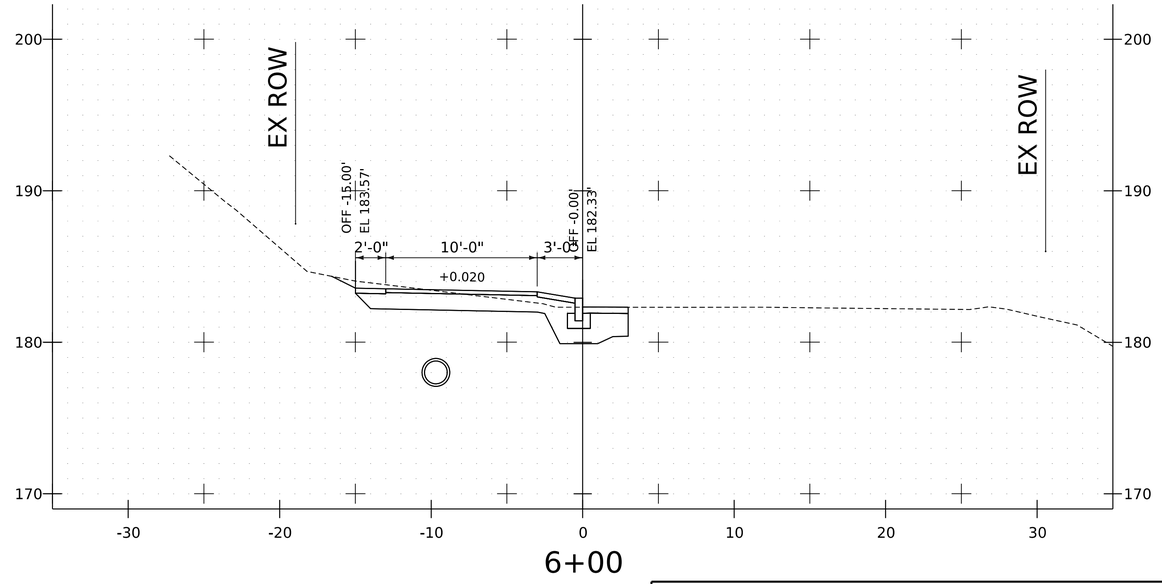

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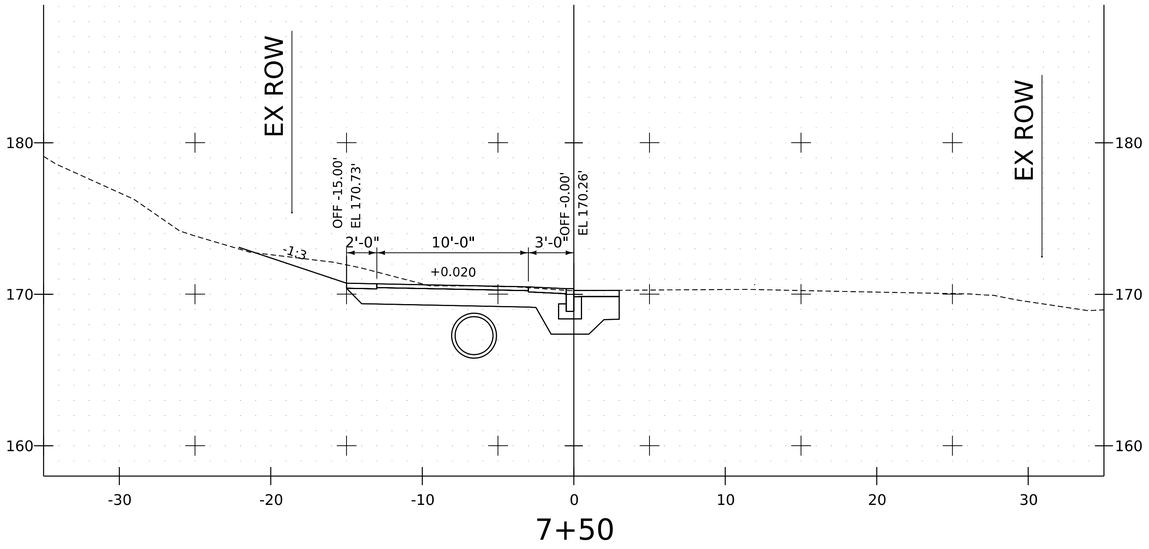
CROSS SECTION SHEETS (3 OF 9)		SHEET	63 OF 69



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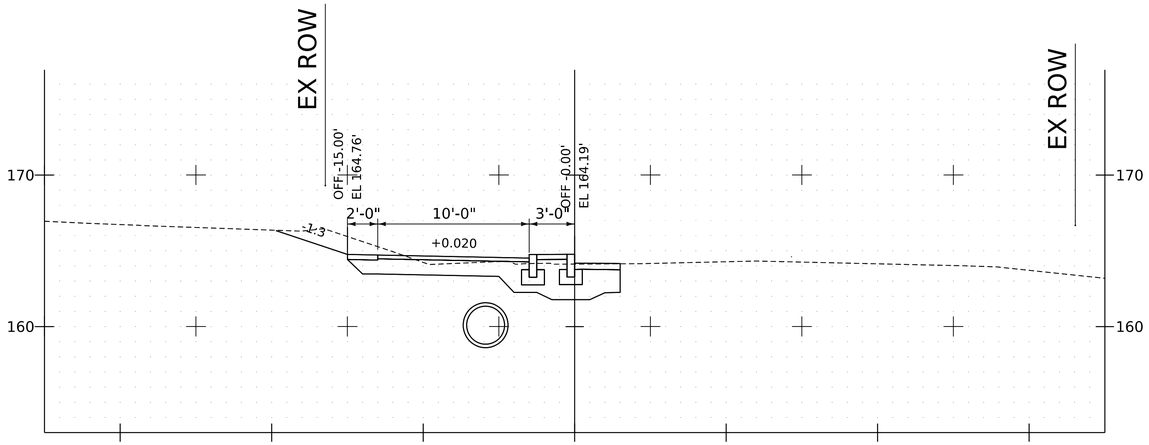

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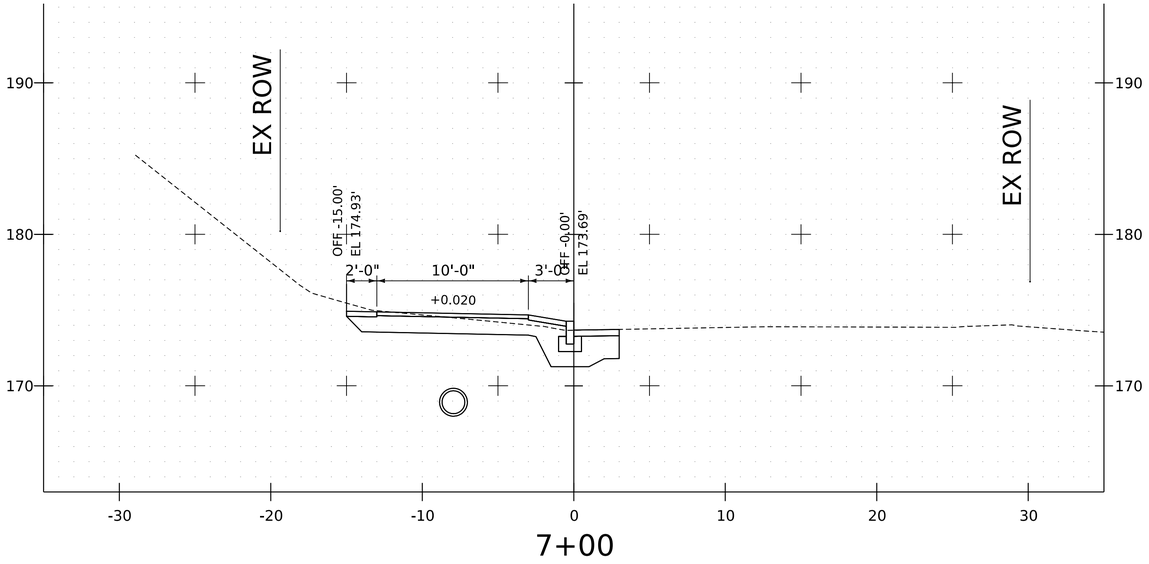

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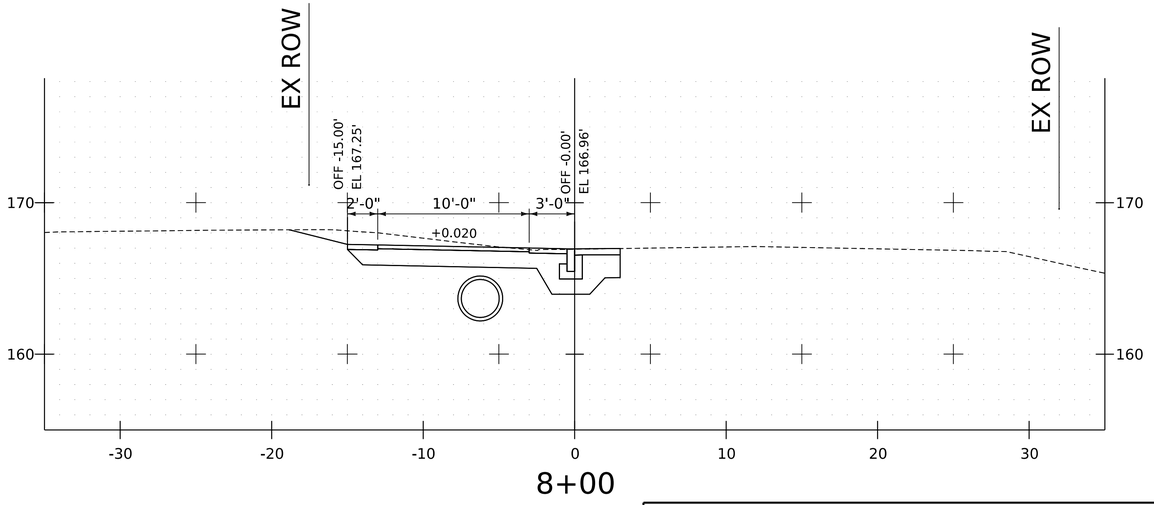

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FILE NAME:	z58842_xs.dgn	PLOT DATE:	1/7/2026
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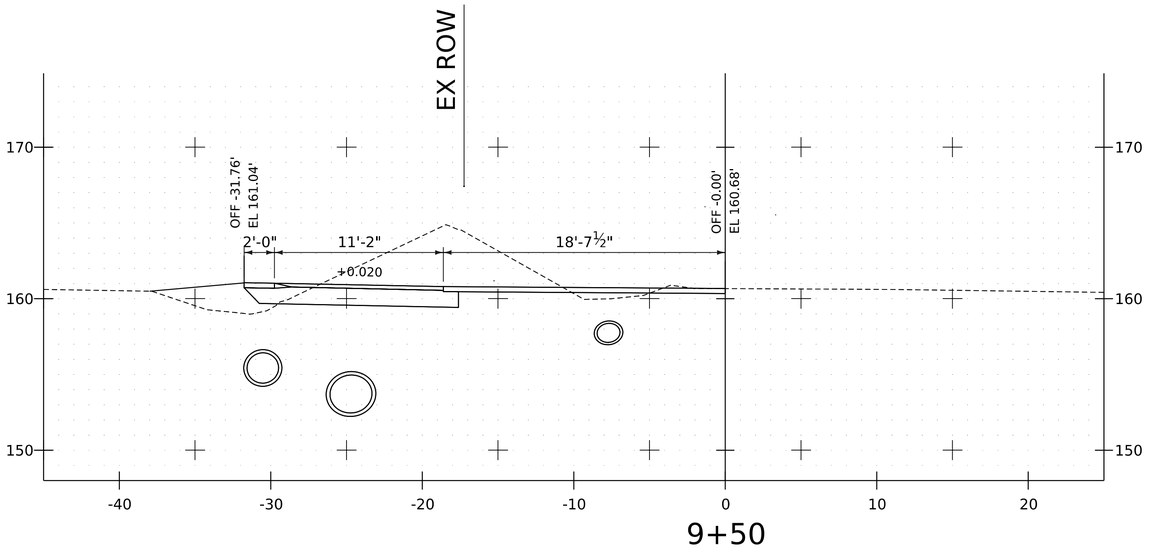
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
CROSS SECTION SHEETS (4 OF 9)		SHEET	64 OF 69



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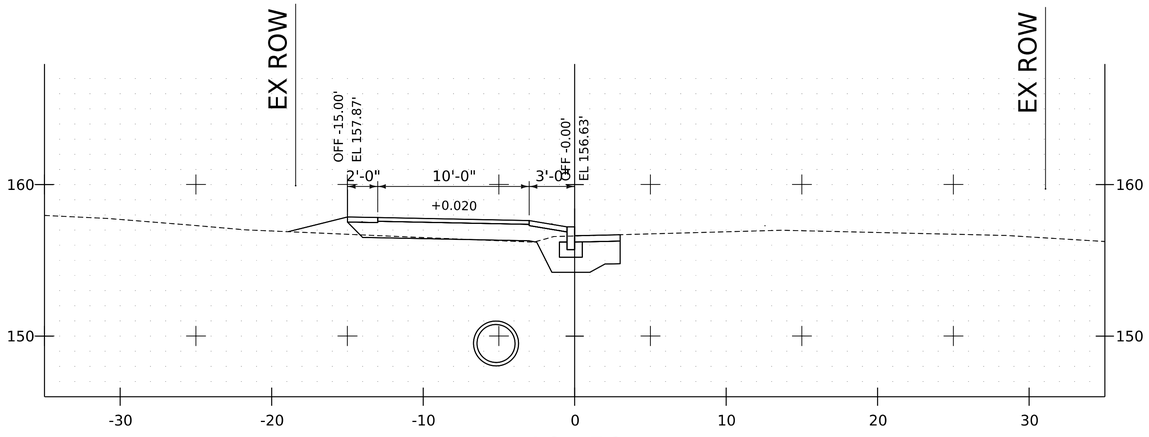

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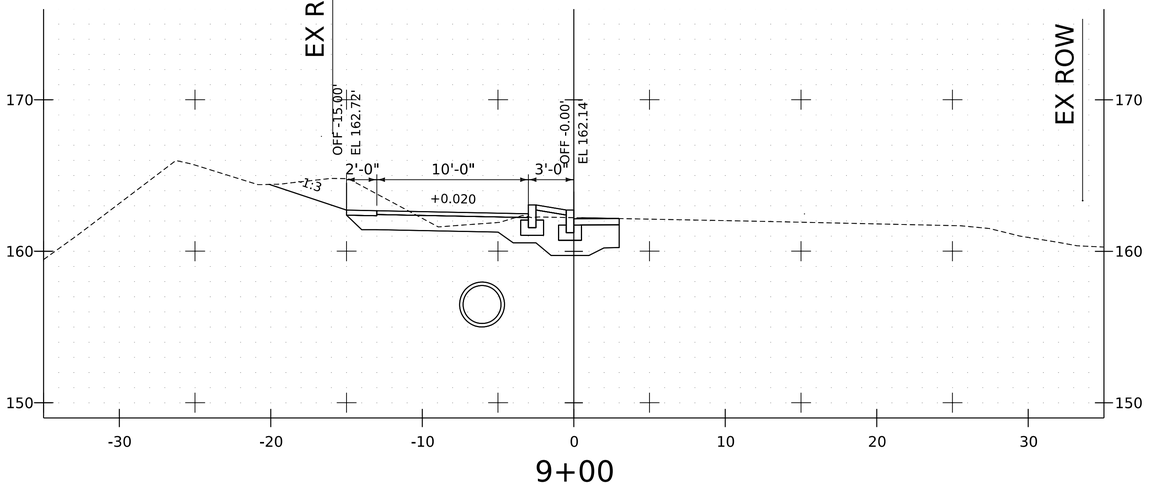

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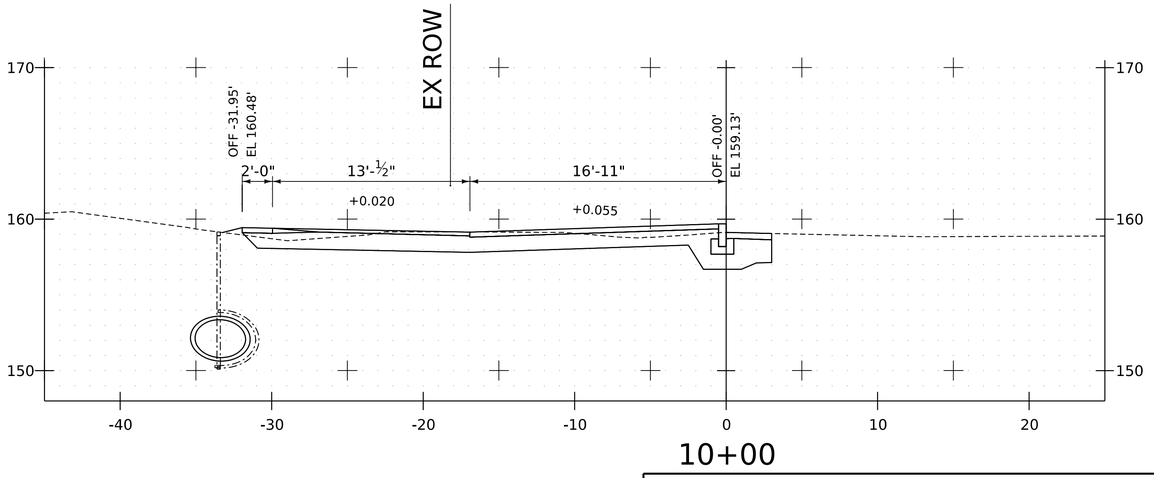

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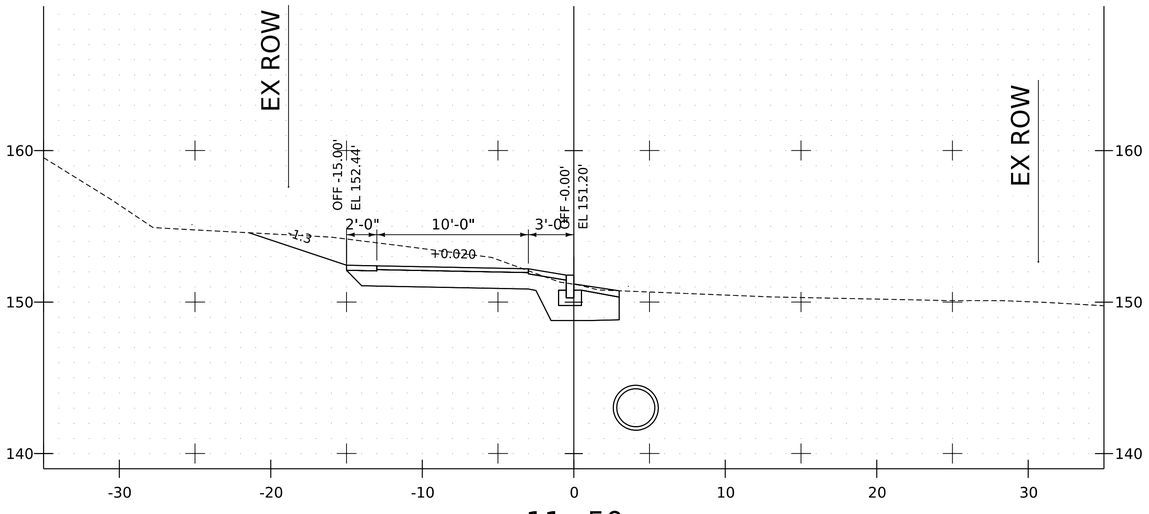
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
CROSS SECTION SHEETS (5 OF 9)		SHEET	65 OF 69



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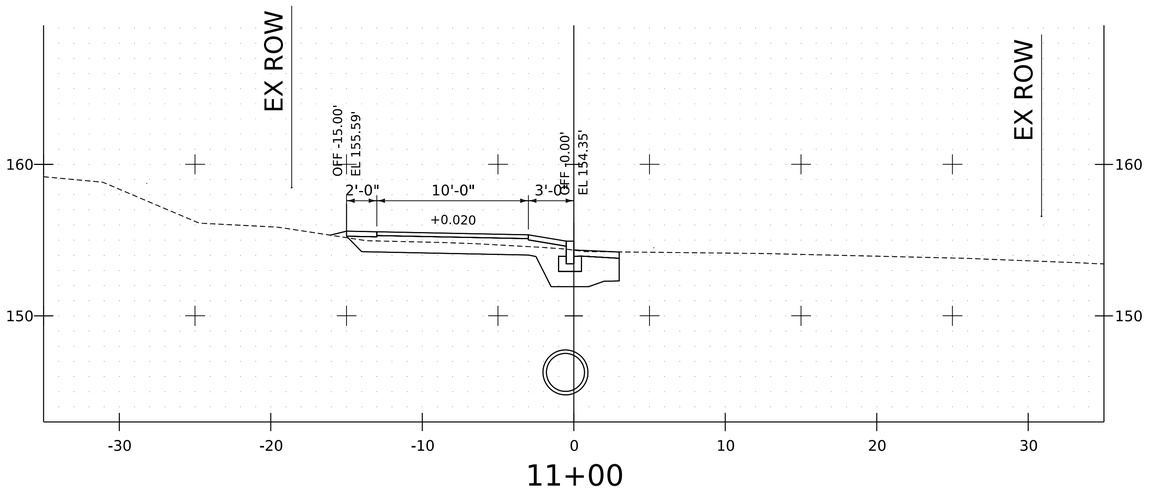

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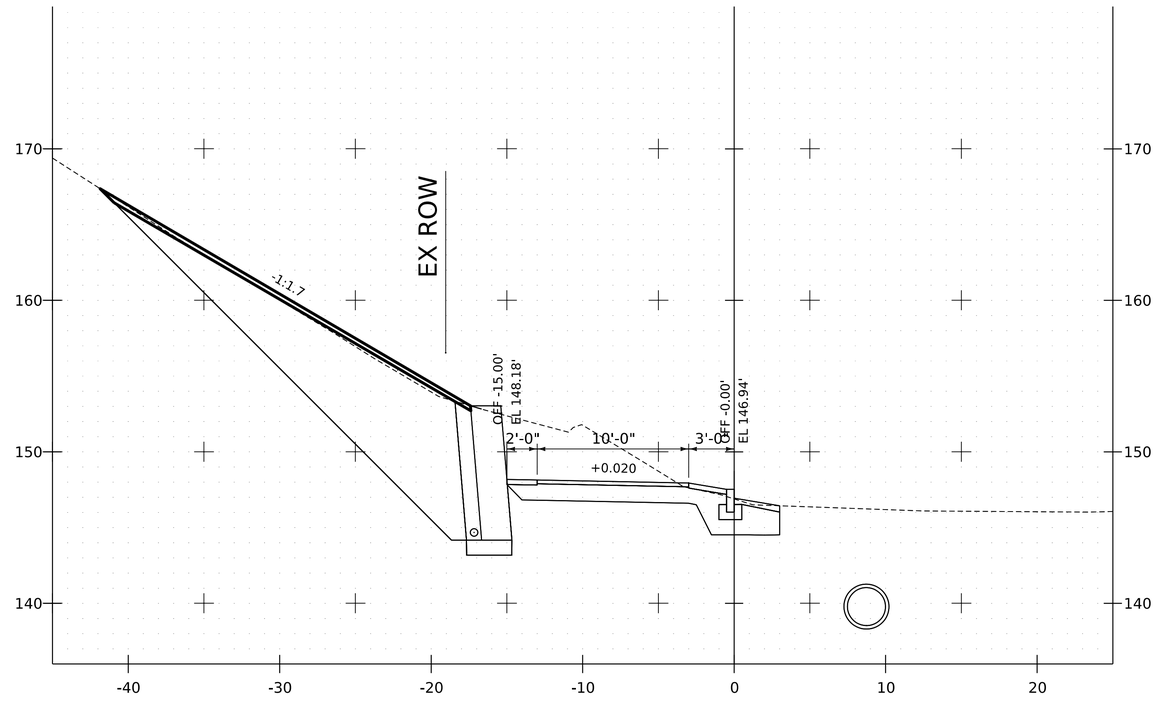

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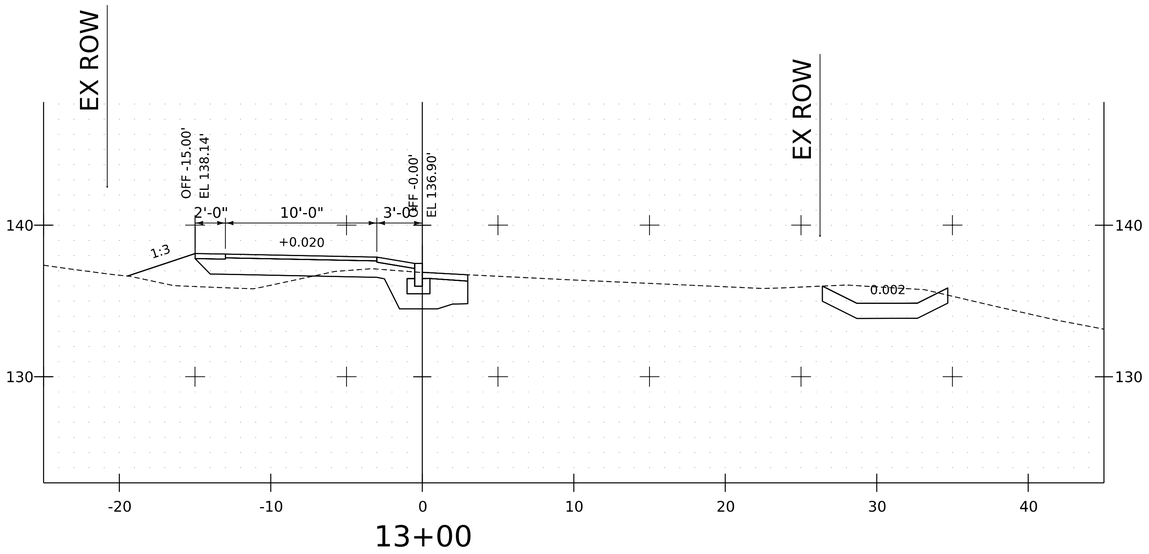
CROSS SECTION SHEETS (6 OF 9)		SHEET	66 OF 69



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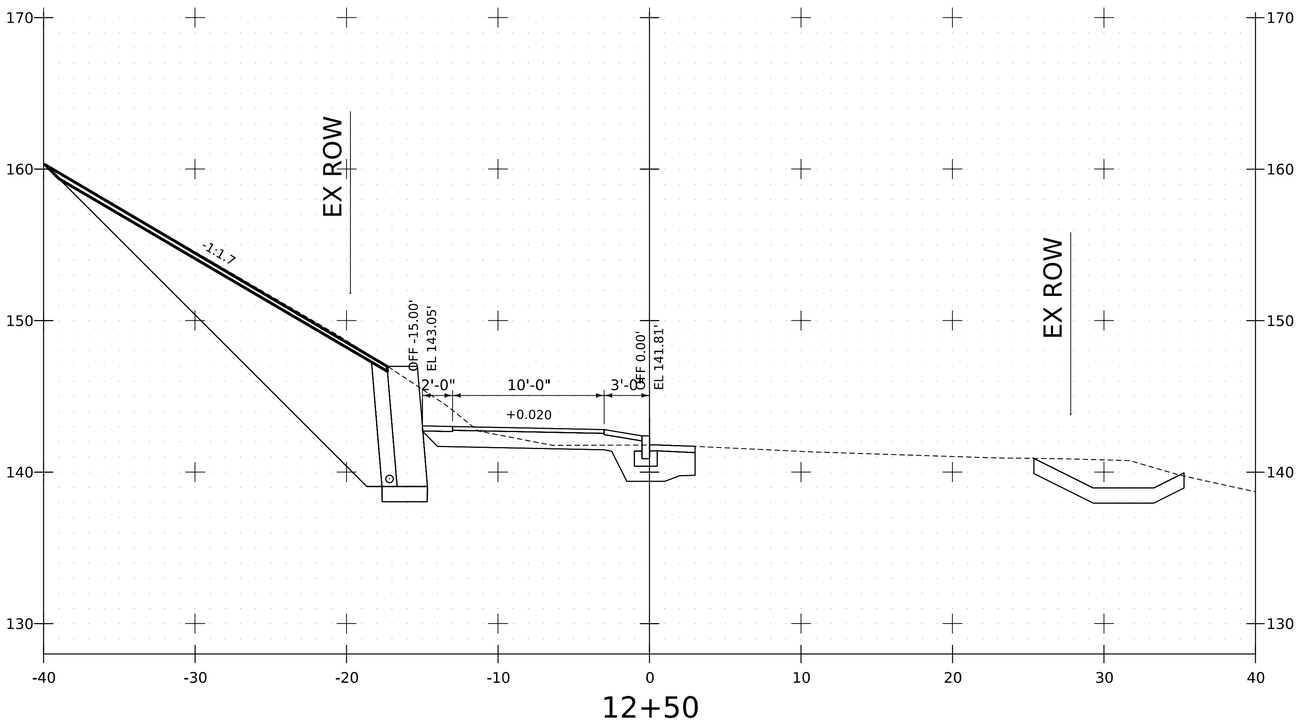

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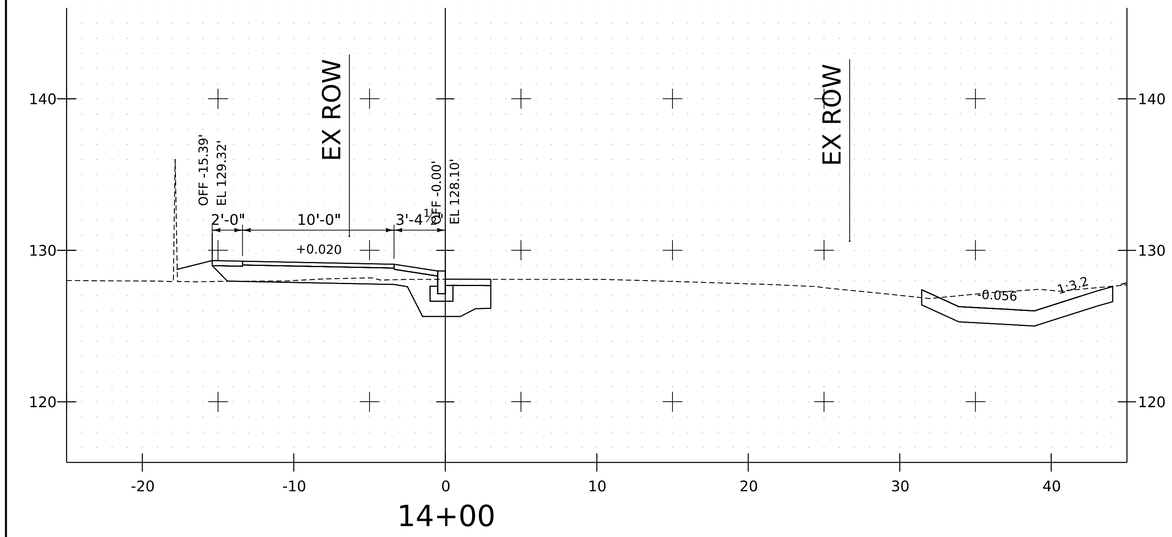
CROSS SECTION SHEETS (7 OF 9)	SHEET 67 OF 69



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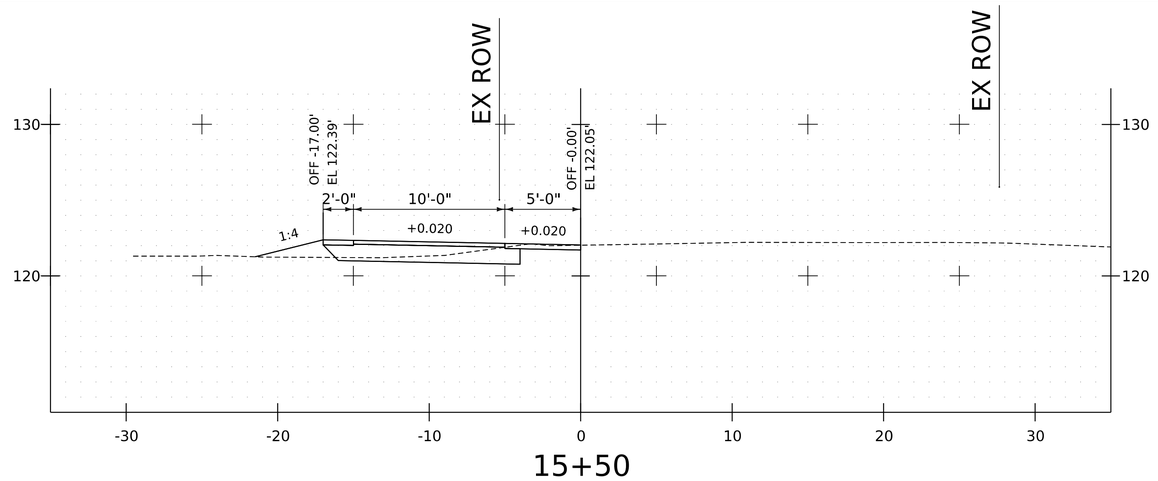

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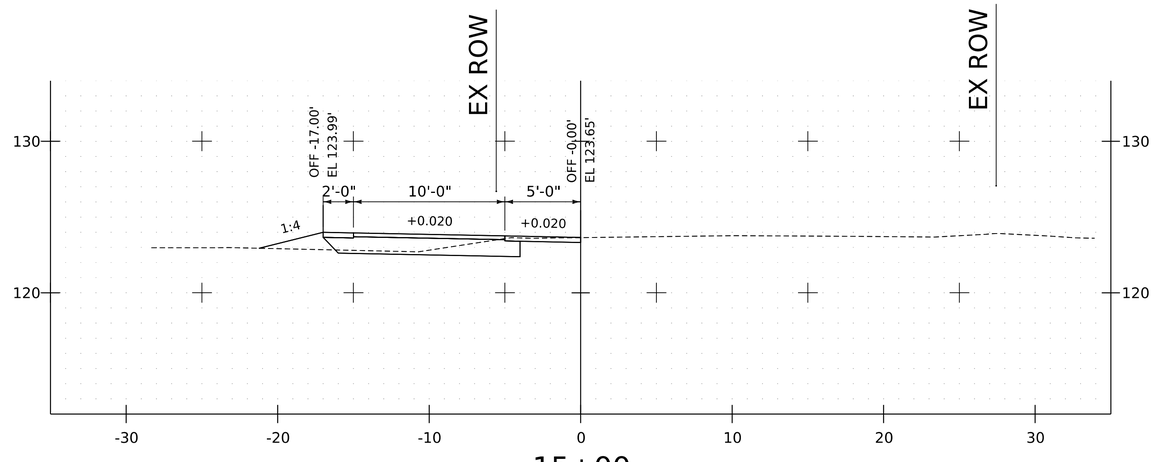

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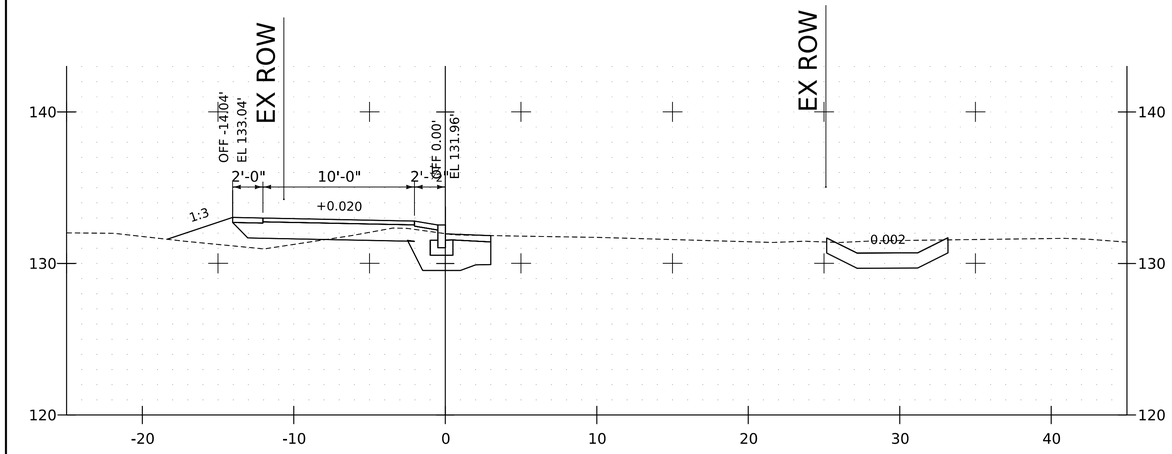

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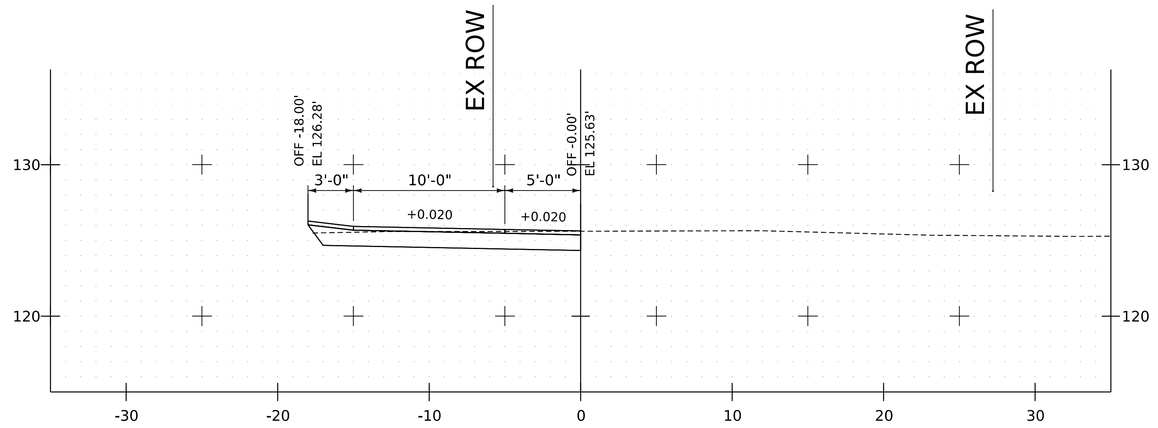

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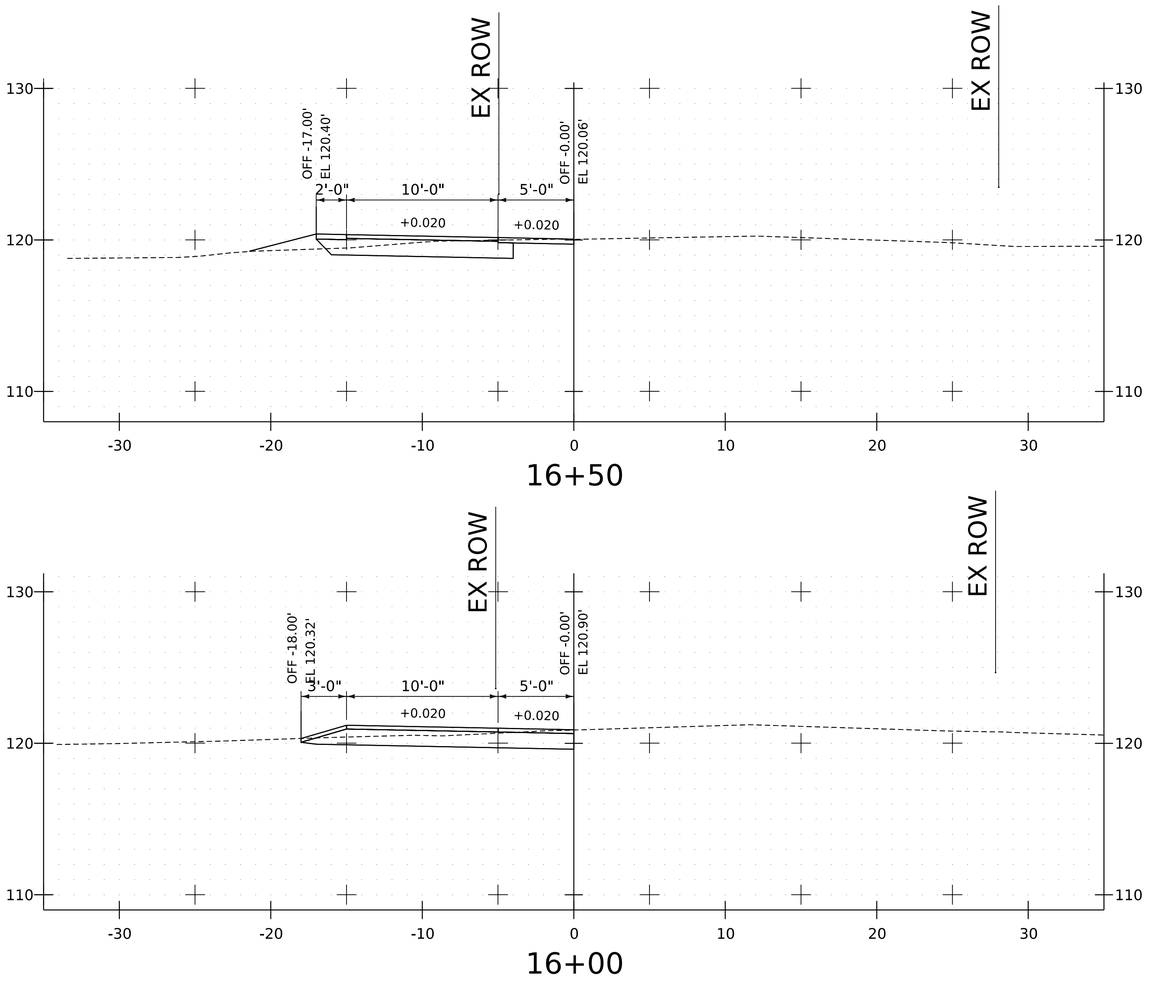
CROSS SECTION SHEETS (8 OF 9)		SHEET	68 OF 69



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DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
CROSS SECTION SHEETS (9 OF 9)	SHEET 69 OF 69

Resolution Relating to

AUTHORIZATION TO ACCEPT THE DEDICATION FOR A PORTION OF 99 INTERVALE ROAD

RESOLUTION 6.24.
Sponsor(s): TEUC
Introduced: 03/23/26
Referred to: _____

Action: adopted
Date: 03/23/26
Signed by Mayor: 03/24/26

CITY OF BURLINGTON

In the year Two Thousand Twenty-Six.....

Resolved by the City Council of the City of Burlington, as follows:

That WHEREAS, the City of Burlington owns the parcel at 99 Intervale Road depicted in Exhibit A hereto (the "Property");

WHEREAS, the City of Burlington desires to dedicate a portion of the Property to the City, as show in in Exhibit A, in fee, by quitclaim deed, for right-of-way purposes; and

WHEREAS, on January 27, 2026, the Transportation, Utilities, and Energy Committee, considered the Dedication and recommended that the City Council accept it; and

NOW, THEREFORE, BE IT RESOLVED THAT the City Council authorizes the Mayor execute such deed and to take such further actions, and to execute such further instruments approved as to form by the City Attorney, as may be necessary or convenient to effectuate the transactions contemplated hereby.

ER/Resolutions 2026/Authorization to Accept the Dedication for a Portion of 99 Intervale Rd
3/23/26

* * * * * * * * * * * * *

ORIGINAL

DISTRIBUTION:

I hereby certify that this resolution has been sent to the following department(s) on

DPW, Julia Ursaki

RESOLUTION RELATING TO

Authorization To Accept The Dedication For A Portion Of 99 Intervale Road

Adopted by the City Council

March 23, 20 26

Clerk

Approved March 24, 20 26

Mayor

Vol. ..... Page .....

Attest:

Lori Olberg
Council and Licensing Coordinator

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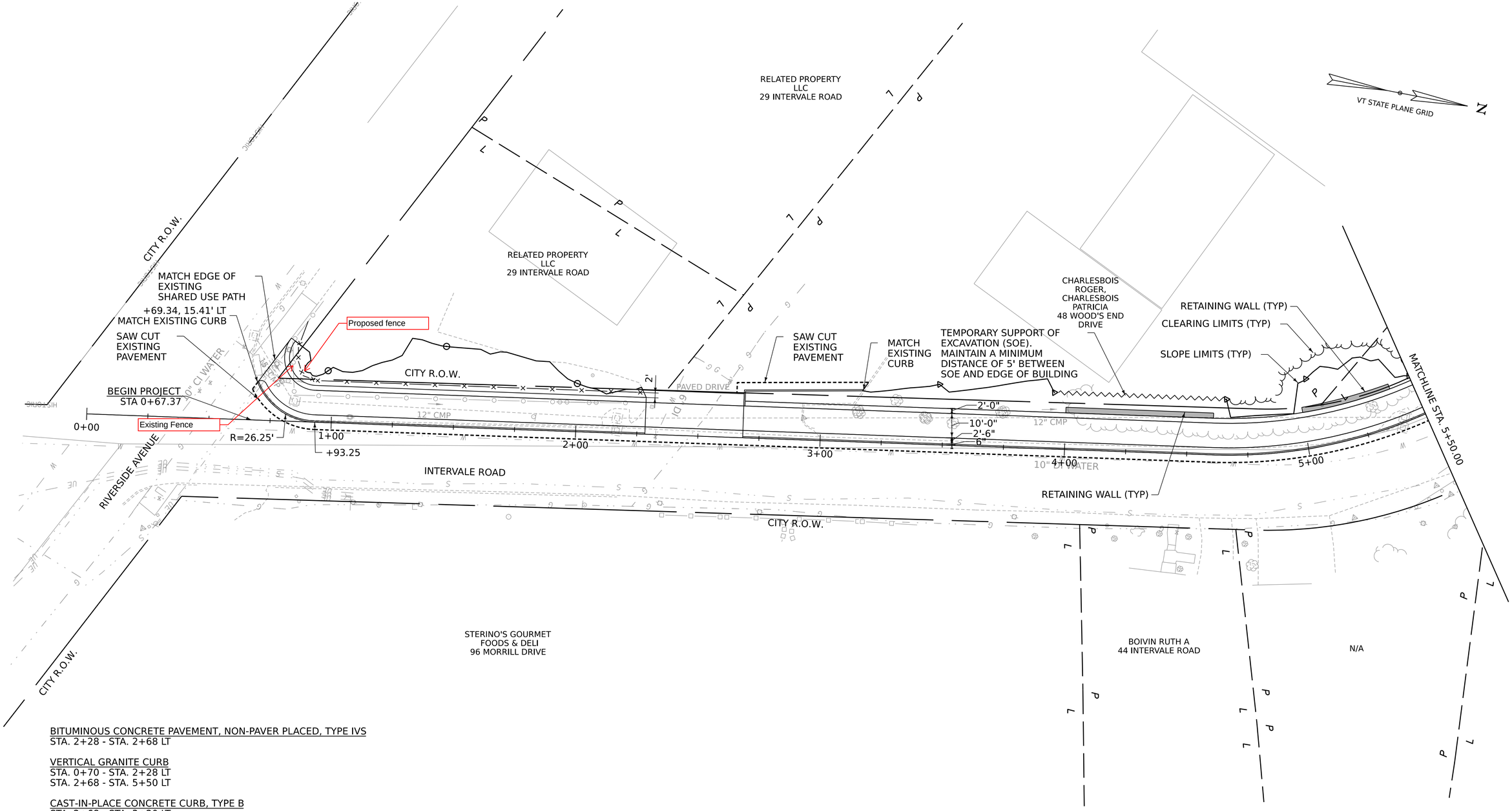


BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS
STA. 2+28 - STA. 2+68 LT

VERTICAL GRANITE CURB
STA. 0+70 - STA. 2+28 LT
STA. 2+68 - STA. 5+50 LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 2+68 - STA. 3+20 LT

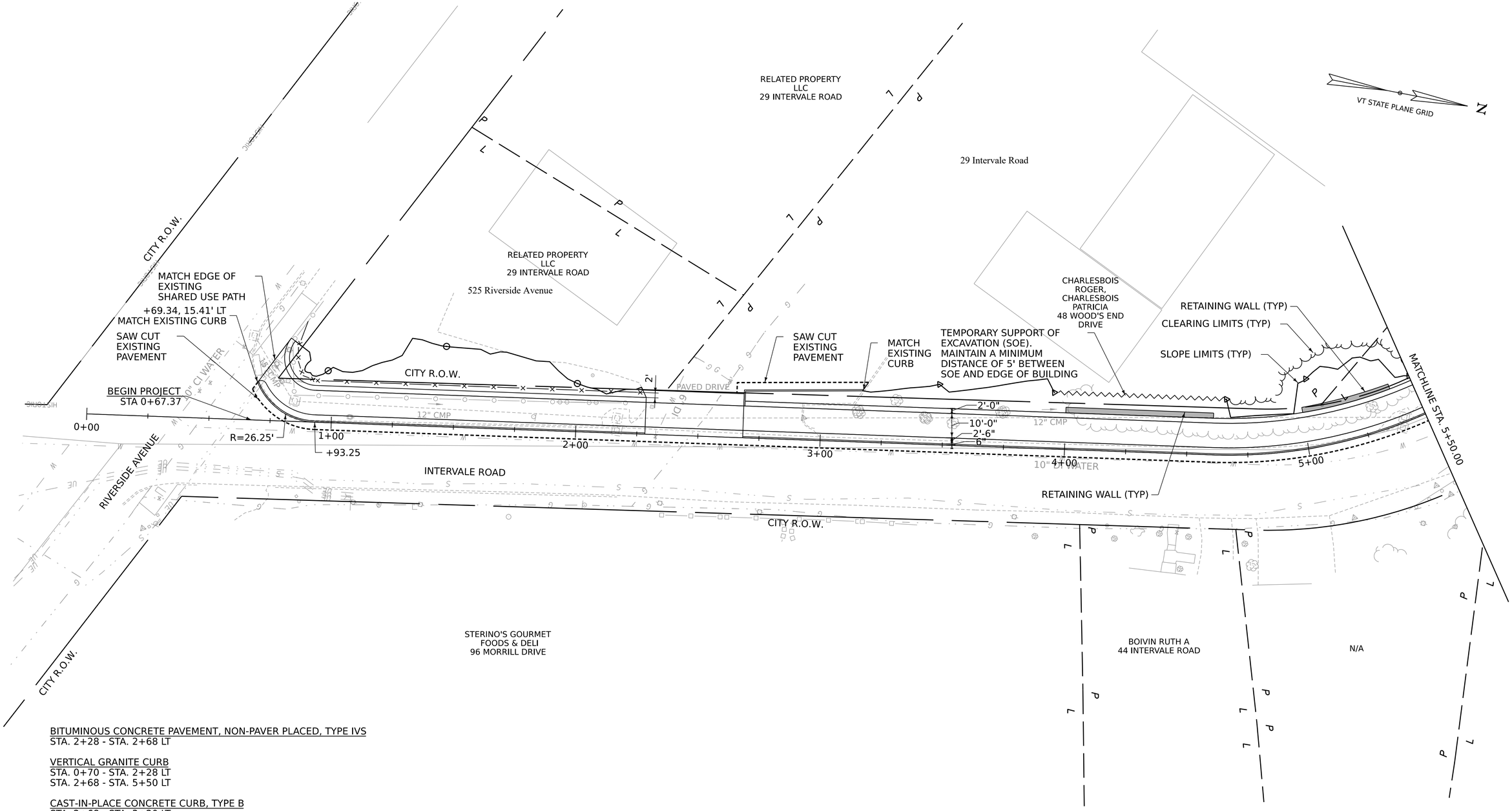
REMOVAL OF EXISTING CURB
STA. 0+70 - STA. 2+21 LT
STA. 2+93 - STA. 3+20 LT

REMOVING AND RESETTING FENCE
STA. 0+89 - STA. 2+27 LT

RETAINING WALL, PRECAST CONCRETE
STA. 4+00 - STA. 4+60 LT
STA. 5+00 - STA. 5+40 LT

0 20 40
SCALE IN FEET

PROJECT NAME:	BURLINGTON		
PROJECT NUMBER:	STP BP21(11)		
FILE NAME: z58842_bdr_nu1.dgn		PLOT DATE:	2/7/2025
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
LAYOUT PLAN SHEETS (1 OF 5)		SHEET	20 OF 72



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vhb

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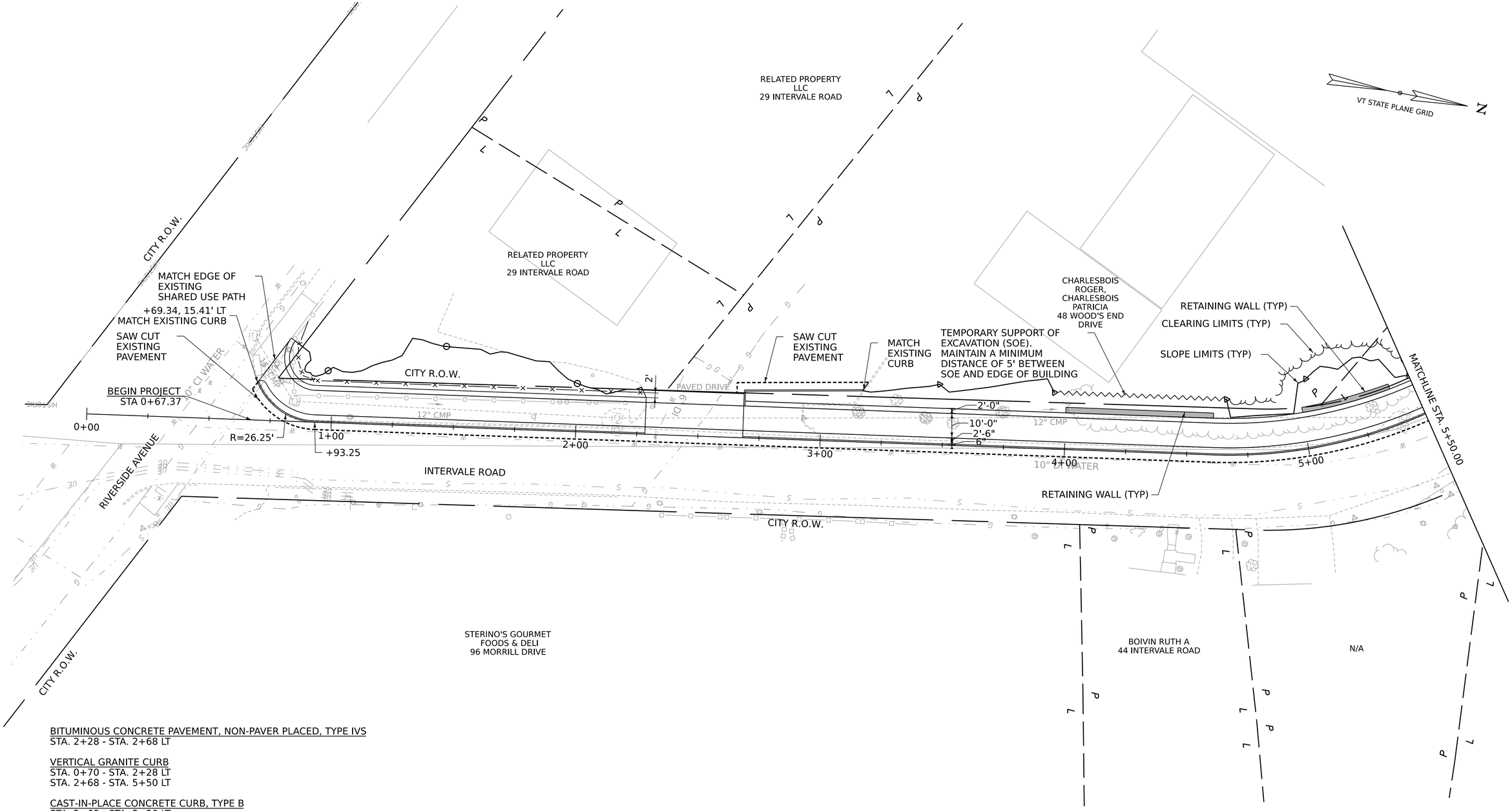

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LAYOUT PLAN SHEETS (1 OF 5)	SHEET 20 OF 72

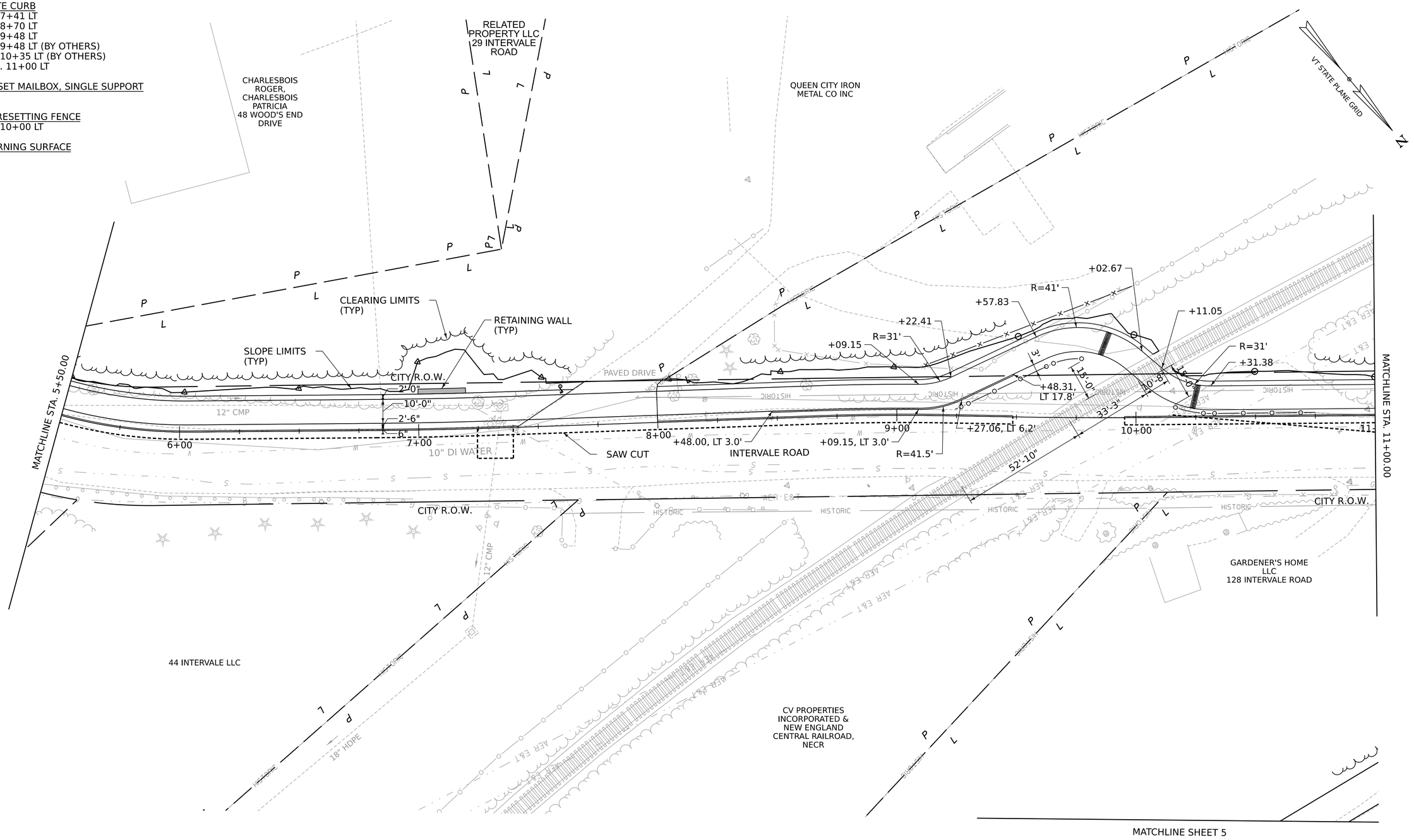
BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS
STA. 7+41 - STA. 8+00 LT

VERTICAL GRANITE CURB
STA. 5+50 - STA. 7+41 LT
STA. 8+00 - STA. 8+70 LT
STA. 8+48 - STA. 9+48 LT
STA. 8+70 - STA. 9+48 LT (BY OTHERS)
STA. 9+95 - STA. 10+35 LT (BY OTHERS)
STA. 10+35 - STA. 11+00 LT

REMOVE AND RESET MAILBOX, SINGLE SUPPORT
STA. 7+60 LT

REMOVING AND RESETTING FENCE
STA. 9+12 - STA. 10+00 LT

DETECTABLE WARNING SURFACE
STA. 9+89 LT
STA. 10+23 LT



RETAINING WALL, PRECAST CONCRETE
STA. 7+00 - STA. 7+20 LT

SQUARE STEEL FENCE (ORNAMENTAL FENCE, 4')
STA. 9+25 - STA. 9+79 LT
STA. 10+15 - STA. 10+75 LT

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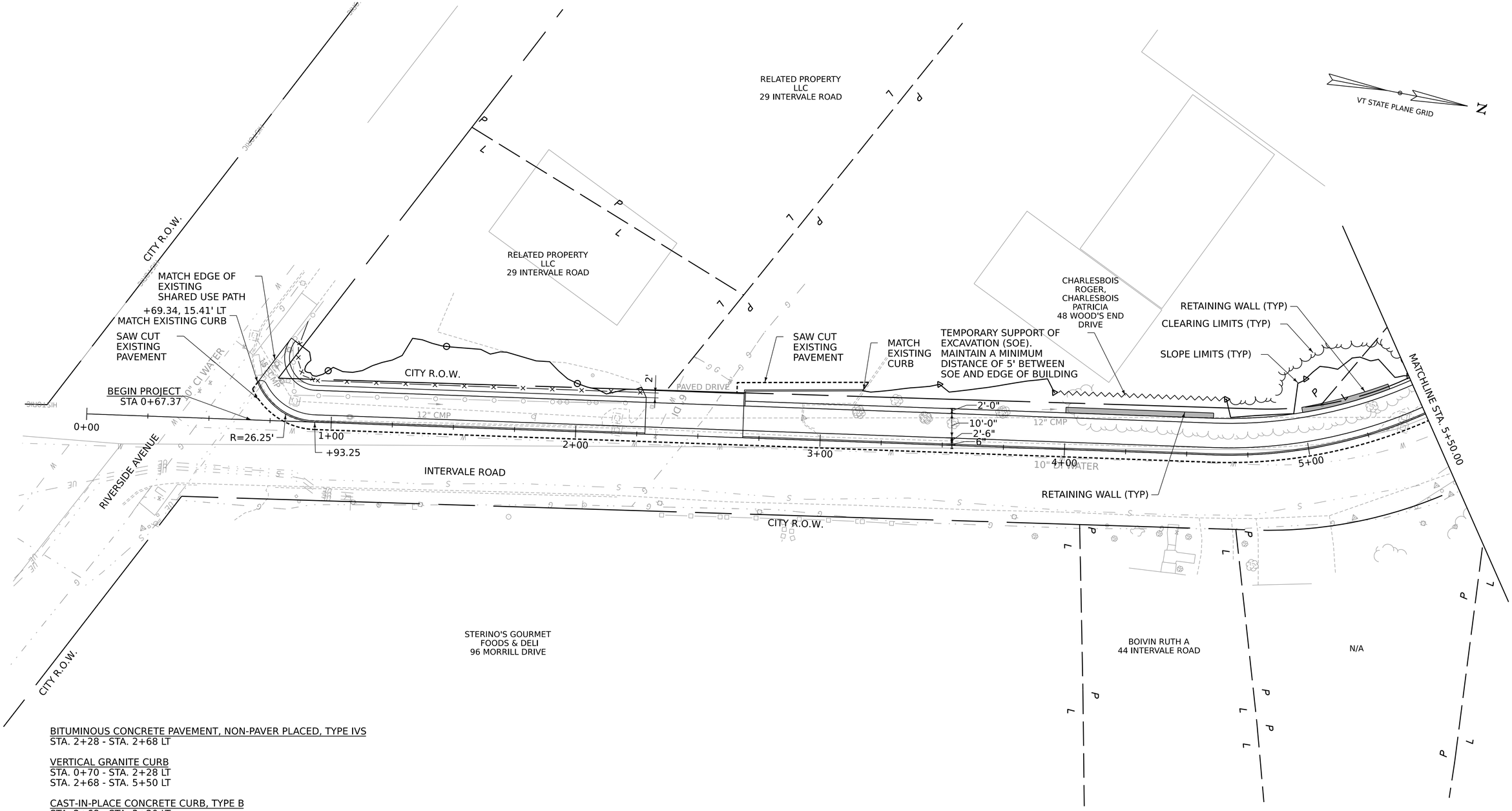
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
LAYOUT PLAN SHEETS (2 OF 5)	SHEET 21 OF 72



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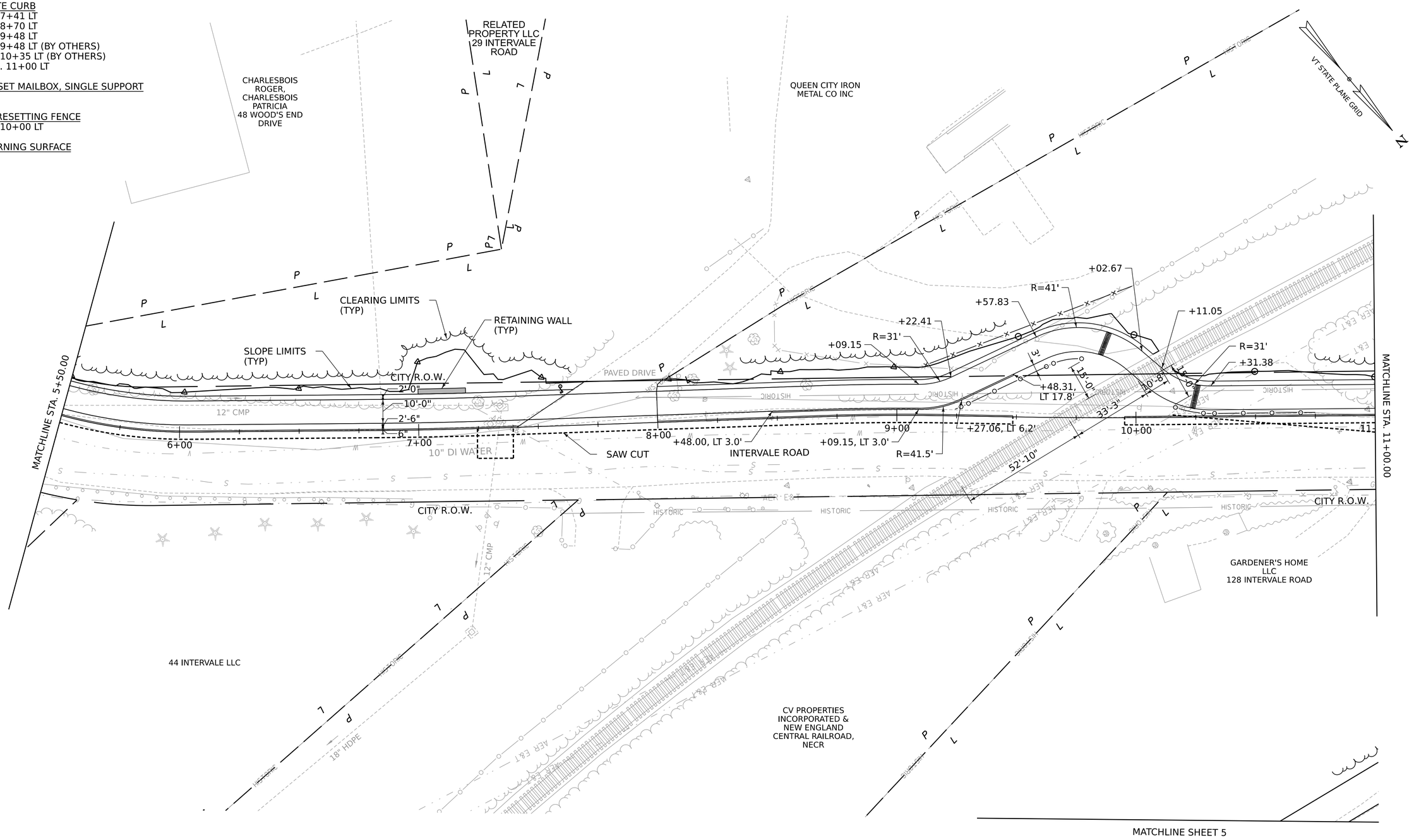

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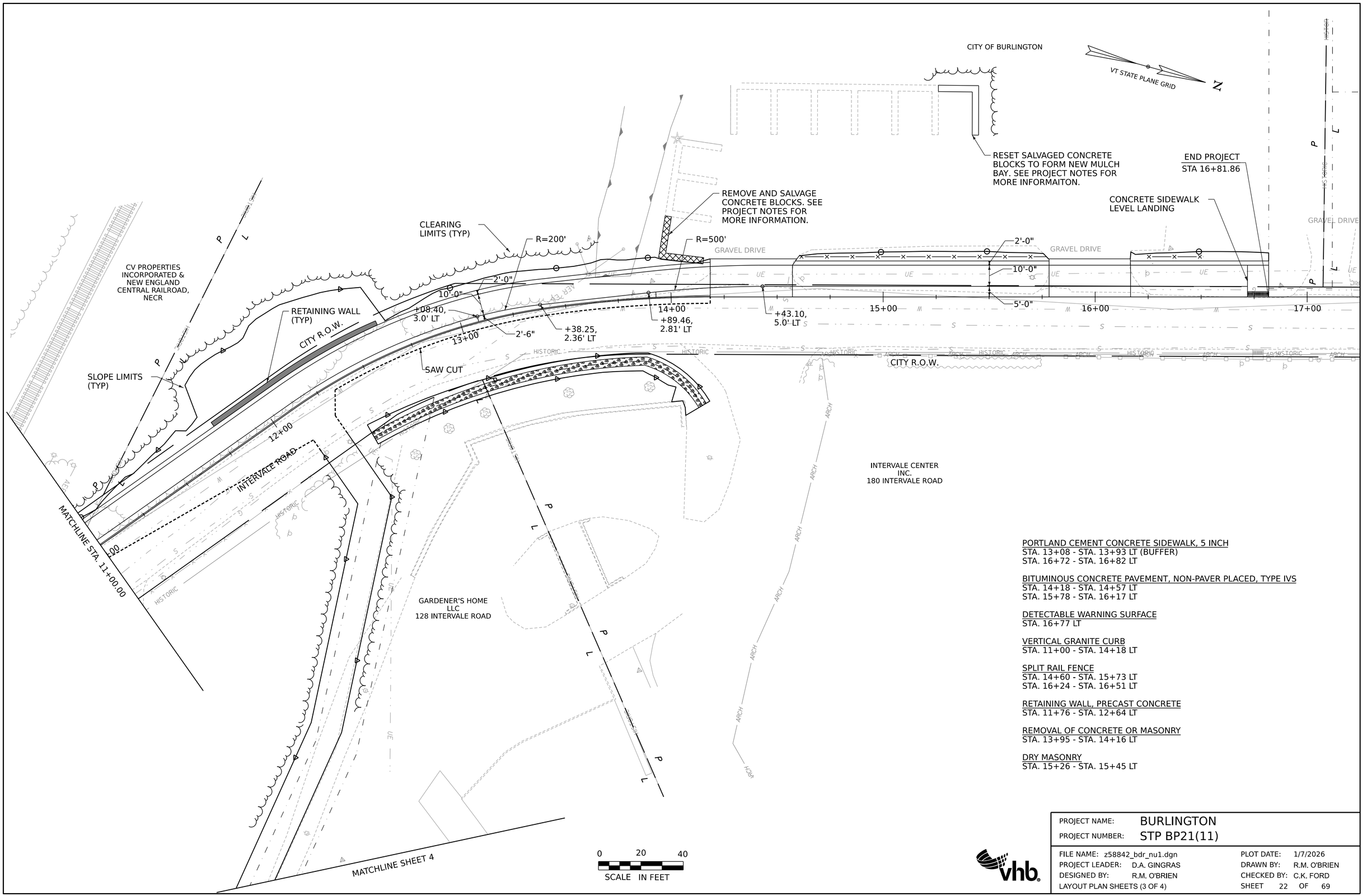


PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 13+08 - STA. 13+93 LT (BUFFER)
STA. 16+72 - STA. 16+82 LT

BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS
STA. 14+18 - STA. 14+57 LT
STA. 15+78 - STA. 16+17 LT

DETECTABLE WARNING SURFACE
STA. 16+77 LT

VERTICAL GRANITE CURB
STA. 11+00 - STA. 14+18 LT

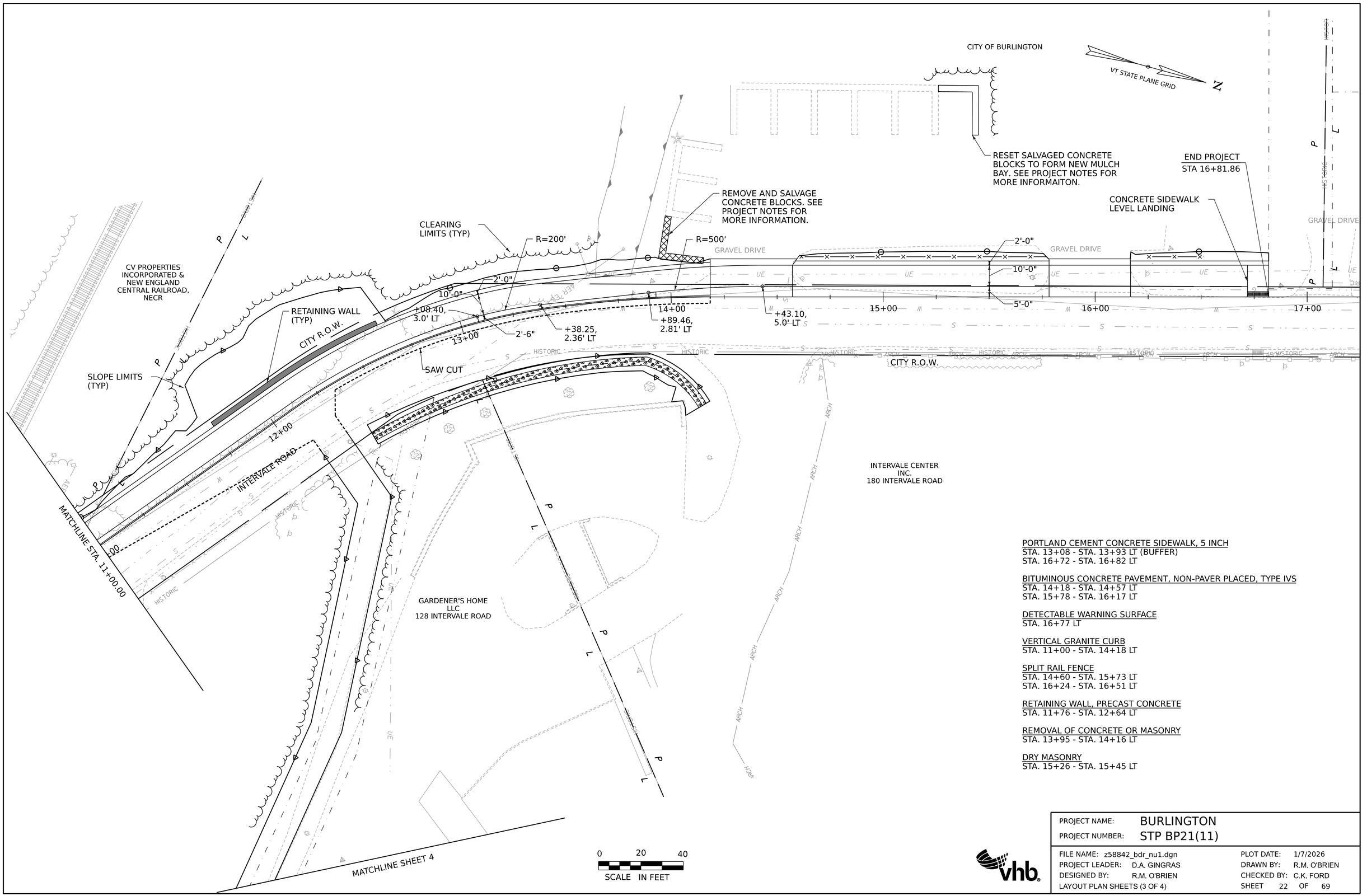
SPLIT RAIL FENCE
STA. 14+60 - STA. 15+73 LT
STA. 16+24 - STA. 16+51 LT

RETAINING WALL, PRECAST CONCRETE
STA. 11+76 - STA. 12+64 LT

REMOVAL OF CONCRETE OR MASONRY
STA. 13+95 - STA. 14+16 LT

DRY MASONRY
STA. 15+26 - STA. 15+45 LT

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)
FILE NAME: z58842_bdr_nu1.dgn	PLOT DATE: 1/7/2026
PROJECT LEADER: D.A. GINGRAS	DRAWN BY: R.M. O'BRIEN
DESIGNED BY: R.M. O'BRIEN	CHECKED BY: C.K. FORD
LAYOUT PLAN SHEETS (3 OF 4)	SHEET 22 OF 69



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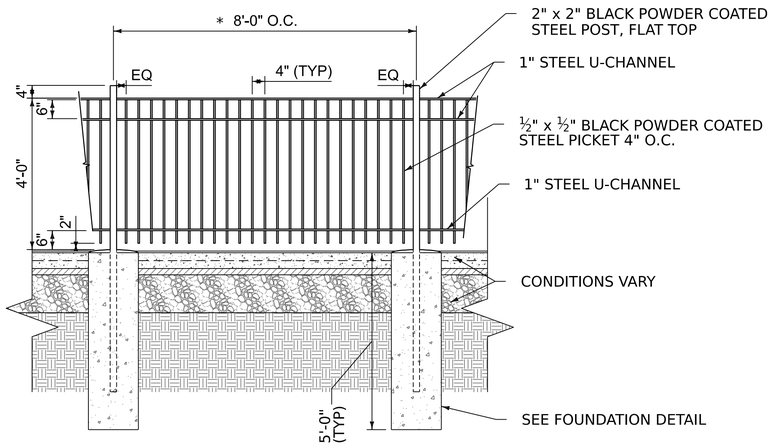
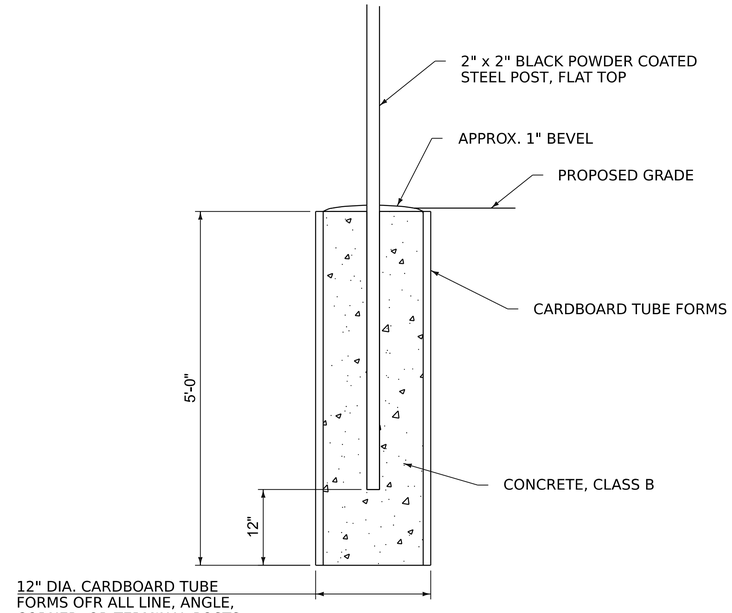
LAYOUT PLAN SHEETS (3 OF 4)	SHEET 22 OF 69



*EXCEPT AS REQUIRED TO START AND END FENCE PER THE PLANS. VARYING LENGTH PANELS SHALL EITHER BE LOCATED AT THE BEGINNING OR END OF THE FENCE RUNS, OR IN THE MIDDLE OF THE FENCE RUNS TO LOOK AESTHETICALLY PLEASING.

ORNAMENTAL FENCE, 4 FOOT DETAIL

N.T.S.

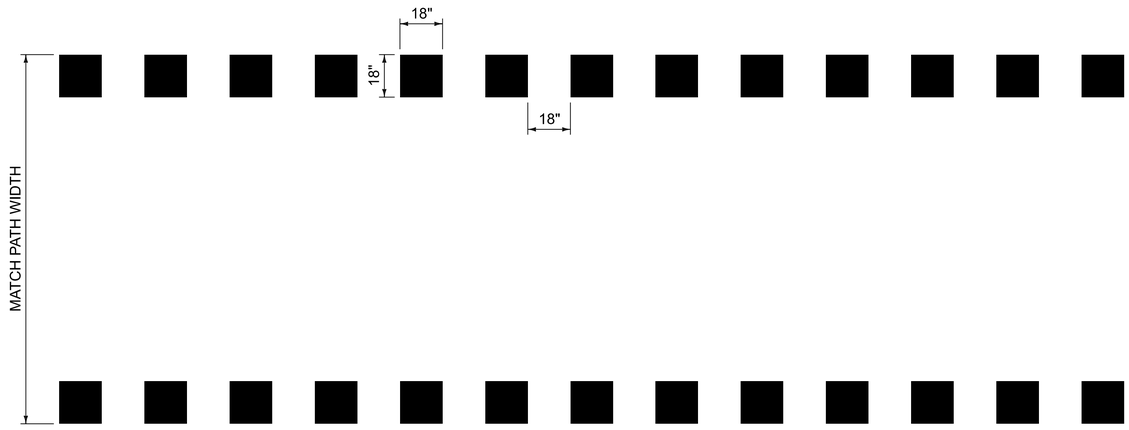


12" DIA. CARDBOARD TUBE FORMS OFR ALL LINE, ANGLE, CORNER, OR TERMINAL POSTS.

FOUNDATION DETAIL

N.T.S.

NOTE: CARDBOARD TUBE FORM AND CONCRETE, CLASS B WILL BE INCIDENTAL TO FENCE.



STANDARD "ELEPHANT FEET" MARKINGS FOR SHARED USE PATH CROSSINGS

NOT TO SCALE

PROJECT NAME:	BURLINGTON
PROJECT NUMBER:	STP BP21(11)

FILE NAME:	z58842_typ.dgn	PLOT DATE:	1/7/2026
PROJECT LEADER:	D.A. GINGRAS	DRAWN BY:	R.M. O'BRIEN
DESIGNED BY:	R.M. O'BRIEN	CHECKED BY:	C.K. FORD
DETAIL SHEETS (4 OF 4)		SHEET	9 OF 69


Intervale Rd