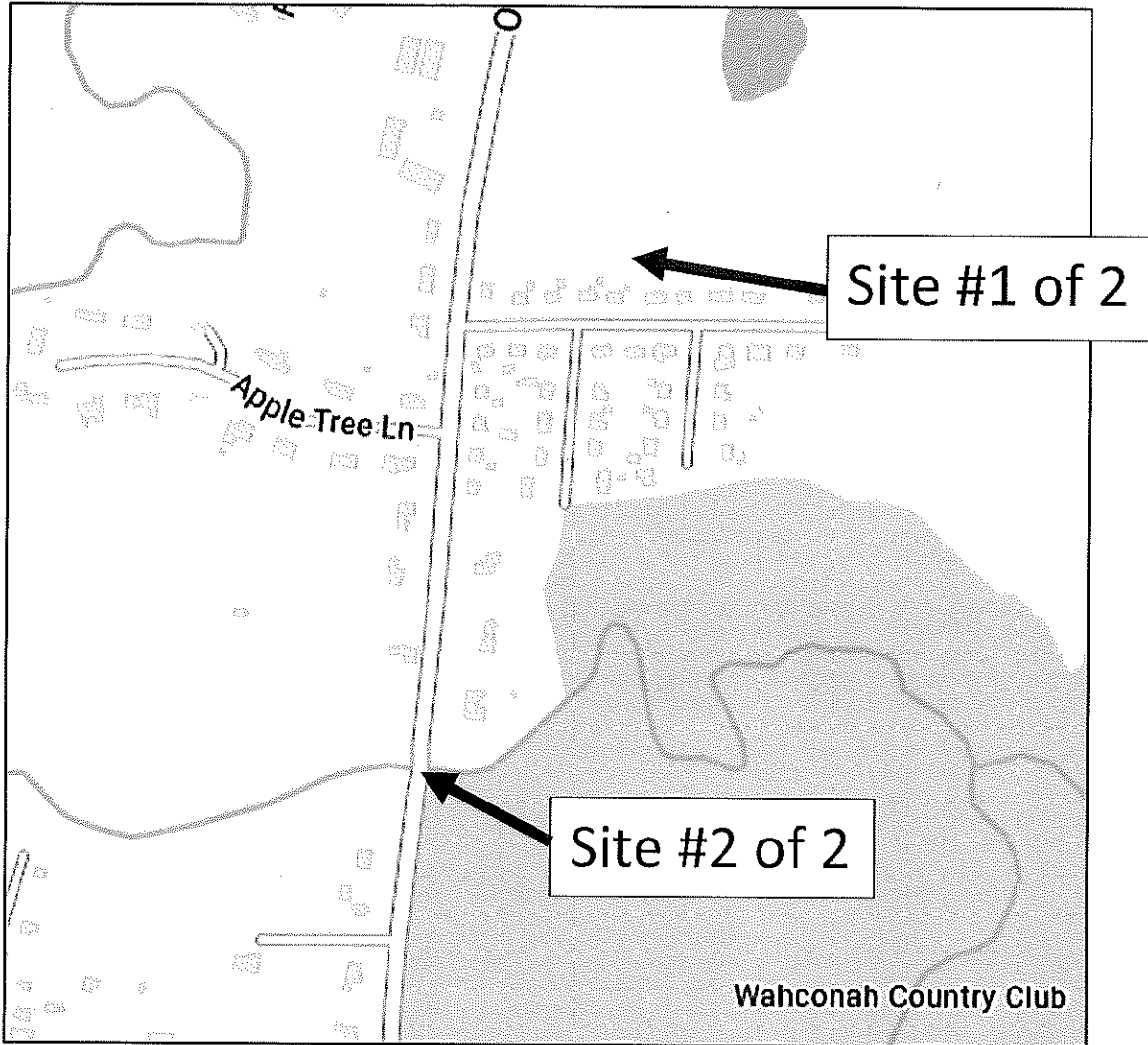


Notice of Intent

Drainage Improvements Project

Pease Ave. and Orchard Rd., Dalton, MA



Prepared By



DESIGN GROUP, INC.

Civil ENGINEERS • SURVEYORS • CONSULTANTS

Serving the Berkshires since 1979

October, 2024

October 15, 2024

Dalton Conservation Commission
Town Hall – 462 Main Street
Dalton, MA 01226

RE: Notice of Intent Application -
Pease Ave. and Orchard Rd.

Dear Commission Members,

Enclosed for your review please find two (2) copies of a Notice of Intent prepared for the Dalton D.P.W. for drainage improvements near Pease Ave. and on Orchard Rd.

As required, a copy of this application has been sent to the Massachusetts Department of Environmental Protection (MADEP).

If you should have any questions or concerns, or require additional information, please do not hesitate to contact the office.

Sincerely,
SK DESIGN GROUP, INC.



Robert G. Fournier
[Project Manager]

Enclosures

Cc: MADEP
Dalton D.P.W.
Dalton Town Manager

G:\SK DESIGN GROUP\2020\200044 Town of Dalton - Pease Ave. drainage improvements\Documents\Word\NOI\Cover Letter.docx

TABLE OF CONTENTS

Notice of Intent
Drainage Improvements
Pease Ave. and Orchard Rd.
Dalton, Massachusetts

- ❖ **WPA Form 3 – Notice of Intent Form**
- ❖ **WPA Form 3 – Wetland Fee Transmittal Form**

- ❖ Certified List of Abutters
- ❖ Abutter Notification
- ❖ List of Additional Property Owners
- ❖ Project Narrative

- ❖ **Figures**
 1. USGS Locus Map
 2. FEMA Flood Map

- ❖ **Attachments**
 - A. Resource Area Delineation Report
 - B. Recorded Easement Plans (11"x17")
 - C. Construction Drawings, Prepared for Town of Dalton, dated October 9, 2024



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #: 1687440
 City/Town: DALTON

A. General Information

1. Project Location:

a. Street Address	ORCHARD RD.		
b. City/Town	DALTON	c. Zip Code	01226
d. Latitude	42.47720N	e. Longitude	73.14495W
f. Map/Plat #	111	g. Parcel/Lot #	72

2. Applicant:

Individual Organization

a. First Name		b. Last Name	
c. Organization	DALTON D.P.W.		
d. Mailing Address	462 MAIN ST.		
e. City/Town	DALTON	f. State	MA
g. Zip Code		g. Zip Code	01226
h. Phone Number	413-684-6115	i. Fax	
		j. Email	bhall@dalton-ma.gov

3. Property Owner:

more than one owner

a. First Name	LOUISE	b. Last Name	FRANKENBERG
c. Organization			
d. Mailing Address	152 ORCHARD RD.		
e. City/Town	DALTON	f. State	MA
g. Zip Code		g. Zip Code	01226
h. Phone Number		i. Fax	
		j. Email	

4. Representative:

a. First Name	ROBERT	b. Last Name	FOURNIER
c. Organization	SK DESIGN GROUP, INC.		
d. Mailing Address	2 FEDERICO DR.		
e. City/Town	PITTSFIELD	f. State	MA
g. Zip Code		g. Zip Code	01201
h. Phone Number	413-553-3537	i. Fax	413-445-5376
		j. Email	rfournier@sk-dg.com

5. Total WPA Fee Paid (Automatically inserted from NOI Wetland Fee Transmittal Form):

a. Total Fee Paid	0.00	b. State Fee Paid	0.00	c. City/Town Fee Paid	0.00
-------------------	------	-------------------	------	-----------------------	------

6. General Project Description:

REPLACEMENT OF EXISTING DRAIN LINES, RE-SURFACING OF ROADWAY, AND CONSTRUCTION OF NEW SIDEWALKS

7a. Project Type:

- | | |
|---|--|
| 1. <input type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Limited Project Driveway Crossing | 4. <input type="checkbox"/> Commercial/Industrial |
| 5. <input type="checkbox"/> Dock/Pier | 6. <input checked="" type="checkbox"/> Utilities |
| 7. <input type="checkbox"/> Coastal Engineering Structure | 8. <input type="checkbox"/> Agriculture (eg., cranberries, forestry) |
| 9. <input type="checkbox"/> Transportation | 10. <input type="checkbox"/> Other |

7b. Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File #:

eDEP Transaction #:1687440

City/Town:DALTON

CMR 10.53 (inland)?

1. If yes, describe which limited project applies to this project:
Yes No

2. Limited THE PROJECT IS CONSIDERED A LIMITED PROJECT UNDER 310 CMR 10.53(D) ? ? THE
Project CONSTRUCTION, RECONSTRUCTION, AND MAINTENANCE OF UNDERGROUND AND OVERHEAD
PUBLIC UTILITIES??

8. Property recorded at the Registry of Deeds for:

a. County:	b. Certificate:	c. Book:	d. Page:
MIDDLE BERKSHIRE		4773	190
MIDDLE BERKSHIRE		6119	201

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. Buffer Zone & Resource Area Impacts (temporary & permanent):

This is a Buffer Zone only project - Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.

2. Inland Resource Areas: (See 310 CMR 10.54 - 10.58, if not applicable, go to Section B.3. Coastal Resource Areas)

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input type="checkbox"/> Land under Waterbodies and Waterways	1. Square feet	2. square feet
	3. cubic yards dredged	
d. <input checked="" type="checkbox"/> Bordering Land Subject to Flooding	1400 1. square feet 0	1400 2. square feet 0
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced
f. <input checked="" type="checkbox"/> Riverfront Area	Housatonic River (East Branch) 1. Name of Waterway (if any)	
2. Width of Riverfront Area (check one)	<input type="checkbox"/> 25 ft. - Designated Densely Developed Areas only <input type="checkbox"/> 100 ft. - New agricultural projects only <input checked="" type="checkbox"/> 200 ft. - All other projects	
3. Total area of Riverfront Area on the site of the proposed project		20000 square feet
4. Proposed Alteration of the Riverfront Area:		



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #: 1687440
 City/Town: DALTON

1625 a. total square feet 675 b. square feet within 100 ft. 950 c. square feet between 100 ft. and 200 ft.

5. Has an alternatives analysis been done and is it attached to this NOI? Yes No
 6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3. Coastal Resource Areas: (See 310 CMR 10.25 - 10.35)

Resource Area Size of Proposed Alteration Proposed Replacement (if any)

a. <input type="checkbox"/> Designated Port Areas	Indicate size under	Land under the ocean below,
b. <input type="checkbox"/> Land Under the Ocean	1. square feet	
	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes, below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab, crea.
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet	
	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	

4. Restoration/Enhancement

Restoration/Replacement

If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please entered the additional amount here.



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File #:

eDEP Transaction #: 1687440

City/Town: DALTON

a. square feet of BVW

b. square feet of Salt Marsh

5. Projects Involves Stream Crossings

Project Involves Streams Crossings

If the project involves Stream Crossings, please enter the number of new stream crossings/number of replacement stream crossings.

a. number of new stream crossings

b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage of Endangered Species program (NHESP)?

a. Yes No

If yes, include proof of mailing or hand delivery of NOI to:

Natural Heritage and Endangered Species
Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

b. Date of map: FROM MAP VIEWER

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18)...

c. Submit Supplemental Information for Endangered Species Review * (Check boxes as they apply)

1. Percentage/acreage of property to be altered:

(a) within Wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

2. Assessor's Map or right-of-way plan of site

3. Project plans for entire project site, including wetland resource areas and areas outside of wetland jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

a. Project description (including description of impacts outside of wetland resource area & buffer zone)

b. Photographs representative of the site

c. MESA filing fee (fee information available at: <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/mesa-fee-schedule.html>)

Make check payable to "Natural Heritage & Endangered Species Fund" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

d. Vegetation cover type map of site

e. Project plans showing Priority & Estimated Habitat boundaries

d. OR Check One of the following

1. Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, <http://www.mass.gov/eea/agencies/dfg/dfw/laws-regulations/cmr/321-cmr-1000-massachusetts-endangered-species-act.html#10.14>; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:1687440
City/Town:DALTON

2. Separate MESA review ongoing.

a. NHESP Tracking Number

b. Date submitted to NHESP

3. Separate MESA review completed.

Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review...

2. For coastal projects only, is any portion of the proposed project located below the mean high waterline or in a fish run?

a. Not applicable - project is in inland resource area only

b. Yes No

If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode Island, and the Cape & Islands:

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 S. Rodney French Blvd
New Bedford, MA 02744

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

If yes, it may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional office.

3. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

a. Yes No

If yes, provide name of ACEC (see instructions to WPA Form 3 or DEP Website for ACEC locations). **Note:** electronic filers click on Website.

b. ACEC Name

4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

a. Yes No

5. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L.c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L.c. 130, § 105)?

a. Yes No

6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

a. Yes, Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:

1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol.2, Chapter 3)

2. A portion of the site constitutes redevelopment

3. Proprietary BMPs are included in the Stormwater Management System

b. No, Explain why the project is exempt:



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #: 1687440
City/Town: DALTON

- 1. Single Family Home
- 2. Emergency Road Repair
- 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department by regular mail delivery.

- 1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
- 2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.
- 3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s)).
- 4. Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
- 4. List the titles and dates for all plans and other materials submitted with this NOI.

a. Plan Title: b. Plan Prepared By: c. Plan Signed/Stamped By: c. Revised Final Date: e. Scale:

CONSTRUCTION
DRAWINGS,
PREPARED FOR
TOWN OF DALTON,
ORCHARD RD./
PEASE AVE.,
DALTON, MASS

SK DESIGN GROUP,
INC.

JAMES M. SCALISE

Oct. 9, 2024

SCALE AS
NOTED

- 5. If there is more than one property owner, please attach a list of these property owners not listed on this form.
-
- 6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
-
- 7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
-
- 8. Attach NOI Wetland Fee Transmittal Form.
-
- 9. Attach Stormwater Report, if needed.
-



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:1687440
 City/Town:DALTON

E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number <u>N/A</u>	3. Check date _____
4. State Check Number <u>N/A</u>	5. Check date _____
6. Payer name on check: First Name _____	7. Payer name on check: Last Name _____

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant <u>Bud Wall (RGP)</u>	2. Date <u>10-15-24</u>
3. Signature of Property Owner (if different) _____	4. Date _____
5. Signature of Representative (if any) <u>David Faurin (SK DESIGN GROUP, INC.)</u>	6. Date <u>10-15-24</u>

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

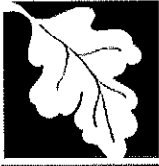
For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a copy of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in Section C, Items 1-3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Wetland Fee Transmittal
Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
 MassDEP File #:
 eDEP Transaction #:1687440
 City/Town:DALTON

A. Applicant Information

1. Applicant:

a. First Name		b. Last Name	
c. Organization	DALTON D.P.W.		
d. Mailing Address	462 MAIN ST.		
e. City/Town	DALTON	f. State	MA
		g. Zip Code	01226
h. Phone Number	4136846115	i. Fax	
		j. Email	bhall@dalton-ma.gov

2. Property Owner:(if different)

a. First Name	LOUISE	b. Last Name	FRANKENBERG
c. Organization			
d. Mailing Address	152 ORCHARD RD.		
e. City/Town	DALTON	f. State	MA
		g. Zip Code	01226
h. Phone Number		i. Fax	
		j. Email	

3. Project Location:

a. Street Address	ORCHARD RD.	b. City/Town	DALTON
-------------------	-------------	--------------	--------

Are you exempted from Fee? (YOU HAVE SELECTED 'YES')

Note: Fee will be exempted if you are one of the following:

- City/Town/County/District
- Municipal Housing Authority
- Indian Tribe Housing Authority
- MBTA

State agencies are only exempt if the fee is less than \$100

B. Fees

Activity Type	Activity Number	Activity Fee	RF Multiplier	Sub Total
	City/Town share of filing fee	\$0.00	State share of filing fee	\$0.00
			Total Project Fee	\$0.00



100 feet Abutters List Report

Dalton, MA
February 26, 2024

Subject Property:

Parcel Number: 103-19
CAMA Number: 103-19
Property Address: NORTH ST

Mailing Address: AMY L MUSANTE NOMINEE TRUST
MUSANTE AMY L TR
240 CLEVELAND RD
DALTON, MA 01226

Abutters:

Parcel Number: 103-13
CAMA Number: 103-13
Property Address: 631 NORTH ST

Mailing Address: CRANE CHARLOTTE L
631 NORTH STREET
DALTON, MA 01226

Parcel Number: 103-14
CAMA Number: 103-14
Property Address: 641 NORTH ST

Mailing Address: MANCARI NICHOLAS & INGRID
641 NORTH STREET
DALTON, MA 01226

Parcel Number: 103-15
CAMA Number: 103-15
Property Address: 661 NORTH ST

Mailing Address: HASKELL JOSEPH M SR & HASKELL
CINDY L
661 NORTH ST
DALTON, MA 01226

Parcel Number: 103-16
CAMA Number: 103-16
Property Address: 651 NORTH ST

Mailing Address: HASKELL JOSEPH M SR & HASKELL
CINDY L
661 NORTH ST
DALTON, MA 01226

Parcel Number: 103-17
CAMA Number: 103-17
Property Address: 671 NORTH ST

Mailing Address: SPENCE STEPHEN P & LAURA L
671 NORTH STREET
DALTON, MA 01226

Parcel Number: 103-18
CAMA Number: 103-18
Property Address: 11 CLEVELAND RD

Mailing Address: CLEVELAND ROAD REALTY LLC
P O BOX 537
NORTHAMPTON, MA 01061

Parcel Number: 103-20
CAMA Number: 103-20
Property Address: 250 ORCHARD RD

Mailing Address: BROOKS JUDITH D
250 ORCHARD RD
DALTON, MA 01226

Parcel Number: 103-21
CAMA Number: 103-21
Property Address: 7 PEASE AV

Mailing Address: SAVOY JENNA M
7 PEASE AVE
DALTON, MA 01226

Parcel Number: 103-22
CAMA Number: 103-22
Property Address: 13 PEASE AV

Mailing Address: D'AMORE DEBORAH J
13 PEASE AVE
DALTON, MA 01226

Parcel Number: 103-23
CAMA Number: 103-23
Property Address: 19 PEASE AV

Mailing Address: BOUCHER MILDRED E
19 PEASE AVENUE
DALTON, MA 01226



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.



100 feet Abutters List Report

Dalton, MA
February 26, 2024

Parcel Number: 103-24
CAMA Number: 103-24
Property Address: 25 PEASE AV

Mailing Address: BRENNAN PATRICK E
25 PEASE AVENUE
DALTON, MA 01226

Parcel Number: 103-25
CAMA Number: 103-25
Property Address: 31 PEASE AV

Mailing Address: STEELE SUSAN L
31 PEASE AVE
DALTON, MA 01226

Parcel Number: 103-26
CAMA Number: 103-26
Property Address: 37 PEASE AV

Mailing Address: LABEAU RONALD T JR & ALICIA R
37 PEASE AVE
DALTON, MA 01226

Parcel Number: 103-27
CAMA Number: 103-27
Property Address: 43 PEASE AV

Mailing Address: DOUGHTY LAWRENCE J
43 PEASE AVENUE
DALTON, MA 01226

Parcel Number: 103-28
CAMA Number: 103-28
Property Address: 49 PEASE AV

Mailing Address: PARKER CHRISTOPHER J PARKER
KIMBERLEE M
49 PEASE AVE
DALTON, MA 01226

Parcel Number: 103-29
CAMA Number: 103-29
Property Address: 55 PEASE AV

Mailing Address: HISER PETER
P O BOX 21
WINDSOR, MA 01247

Parcel Number: 103-30
CAMA Number: 103-30
Property Address: 61 PEASE AV

Mailing Address: KULAS CHARLES J + SALLY A
61 PEASE AVENUE
DALTON, MA 01226

Parcel Number: 103-31
CAMA Number: 103-31
Property Address: 67 PEASE AV

Mailing Address: CARROLL SEAN F
67 PEASE AVENUE
DALTON, MA 01227

Parcel Number: 103-32
CAMA Number: 103-32
Property Address: 73 PEASE AV

Mailing Address: CHUTE HEATHER L c/o BATES
HEATHER
73 PEASE AVE
DALTON, MA 01226

Parcel Number: 103-33
CAMA Number: 103-33
Property Address: PEASE AV

Mailing Address: KULAS CHARLES J & SALLY A
61 PEASE AVE
DALTON, MA 01226

Parcel Number: 103-34
CAMA Number: 103-34
Property Address: 85 PEASE AV

Mailing Address: SHEPARDSON PATRICK J & JO ANN
85 PEASE AVE
DALTON, MA 01226

Parcel Number: 103-79
CAMA Number: 103-79
Property Address: 249 ORCHARD RD

Mailing Address: FONTAINE ARTHUR G C/O SUMMIT
GUARDIAN SERVICES,
PO BOX 4383
QUEENSBURY, NY 12804



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

2/26/2024

Page 2 of 3



100 feet Abutters List Report

Dalton, MA
February 26, 2024

Parcel Number: 103-80
CAMA Number: 103-80
Property Address: 259 ORCHARD RD

Mailing Address: HITCHCOCK WAYNE S & JEAN A
259 ORCHARD RD
DALTON, MA 01226

Parcel Number: 103-81
CAMA Number: 103-81
Property Address: 299 ORCHARD RD

Mailing Address: COMM OF MASS MASS HIGHWAY DEPT
270 PITTSFIELD RD
LENOX, MA 01240

Parcel Number: 103-82
CAMA Number: 103-82
Property Address: 339 ORCHARD RD

Mailing Address: COBB BRIAN M & BECKER KRISTYN E
339 ORCHARD RD
DALTON, MA 01226

Parcel Number: 103-83
CAMA Number: 103-83
Property Address: 345 ORCHARD RD

Mailing Address: VARNEY CHARLES M + KAREN H
345 ORCHARD RD
DALTON, MA 01226

Parcel Number: 103-84
CAMA Number: 103-84
Property Address: 351 ORCHARD RD

Mailing Address: DONOVAN MEGHANN
351 ORCHARD ROAD
DALTON, MA 01226

Parcel Number: 103-85
CAMA Number: 103-85
Property Address: 361 ORCHARD RD

Mailing Address: THOMSON CARRIE A
361 ORCHARD RD
DALTON, MA 01226

Parcel Number: 103-86
CAMA Number: 103-86
Property Address: 630 632 NORTH ST

Mailing Address: FELLMANN WILLIAM + DORIS S L/E
FELLMAN STEVEN
33 SPRING ROAD
ADAMS, MA 01220

Parcel Number: 221-60.01
CAMA Number: 221-60.01
Property Address: 20 CLEVELAND RD

Mailing Address: BOYNE MARY ELIZABETH
2368 OLD RANCH ROAD
ESCONDIDO, CA 92027

Parcel Number: 221-61
CAMA Number: 221-61
Property Address: NORTH ST

Mailing Address: AMY L MUSANTE NOMINEE TRUST
MUSANTE AMY L TR
240 CLEVELAND RD
DALTON, MA 01226



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

2/26/2024

Page 3 of 3



100 feet Abutters List Report

Dalton, MA
February 26, 2024

Subject Property:

Parcel Number: 111-72
CAMA Number: 111-72
Property Address: 152 ORCHARD RD

Mailing Address: FRANKENBERG LOUISE H
152 ORCHARD RD
DALTON, MA 01226

Abutters:

Parcel Number: 111-51
CAMA Number: 111-51
Property Address: 79 ORCHARD RD

Mailing Address: BUTTERWORTH STEVEN W
79 ORCHARD ROAD
DALTON, MA 01226

Parcel Number: 111-52
CAMA Number: 111-52
Property Address: 147 ORCHARD RD

Mailing Address: BOINO GREGORY
163 ORCHARD ROAD
DALTON, MA 01226

Parcel Number: 111-55
CAMA Number: 111-55
Property Address: 163 ORCHARD RD

Mailing Address: BOINO GREGORY
163 ORCHARD ROAD
DALTON, MA 01226

Parcel Number: 111-71
CAMA Number: 111-71
Property Address: 172 ORCHARD RD

Mailing Address: RUEGER DAVID P & MARGARETMARY
172 ORCHARD RD
DALTON, MA 01226

Parcel Number: 111-73
CAMA Number: 111-73
Property Address: 142 ORCHARD RD

Mailing Address: COMM OF MASS DIV FISHERIES +
WILDLIFE
100 CAMBRIDGE ST
BOSTON, MA 02254

Parcel Number: 111-74
CAMA Number: 111-74
Property Address: 20 ORCHARD RD

Mailing Address: WAHCONAH COUNTRY CLUB INC
P O BOX 43
DALTON, MA 01227



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

2/26/2024

Page 1 of 1

Notification to Abutters

By Hand Delivery, Certified Mail (return receipt requested), or Certificates of Mailing

This is a notification required by law. You are receiving this notification because you have been identified as the owner of land abutting another parcel of land for which certain activities are proposed. Those activities require a permit under the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40).

In accordance with the second paragraph of the Massachusetts Wetlands Protection Act, and 310 CMR 10.05(4)(a) of the Wetlands Regulations, you are hereby notified that:

- A. A Notice of Intent was filed with the Dalton Conservation Commission on or about October 15, **2024**, seeking permission to remove, fill, dredge, or alter an area subject to protection under M.G.L. c. 131 §40. The following is a description of the proposed activity/activities:

The project includes new drainage from behind homes on Pease Ave. to the Housatonic River on Orchard Rd. It also includes reconstruction of Orchard Rd. (with new sidewalks).

- B. The name of the applicant is: **Dalton Dept. Of Public Works**
- C. The address of the land where the activity is proposed is: **17 / 25 Pease Ave.; 152 Orchard Rd.**
- D. Copies of the Notice of Intent may be examined or obtained at the office of the Dalton Conservation Commission, located at **Town Hall, 462 Main St., Dalton, MA 01226**, by **appointment only. The Commission may be reached at 413-684-6111 x221**
- E. Copies of the Notice of Intent may be obtained from the applicant's representative by calling **SK Design Group, Inc 2 Federico Drive, Pittsfield, MA 413-443-3537**. An administrative fee may be applied for providing copies of the NOI and plans.
- F. Information regarding the date, time, and location of the public hearing regarding the Notice of Intent may be obtained from the **Dalton Conservation Commission**.

¹Additional Property Owner

Owner	Address
Amy L. Musante Nominee Trust	240 Cleveland Rd. Dalton, MA 01226

¹ Note: Applicant has official easement over property for purposes of owning and maintaining drain line

Project Narrative

NOTICE OF INTENT NARRATIVE
Proposed Drainage Improvements
Pease Ave. and Orchard Rd.
Dalton, Massachusetts

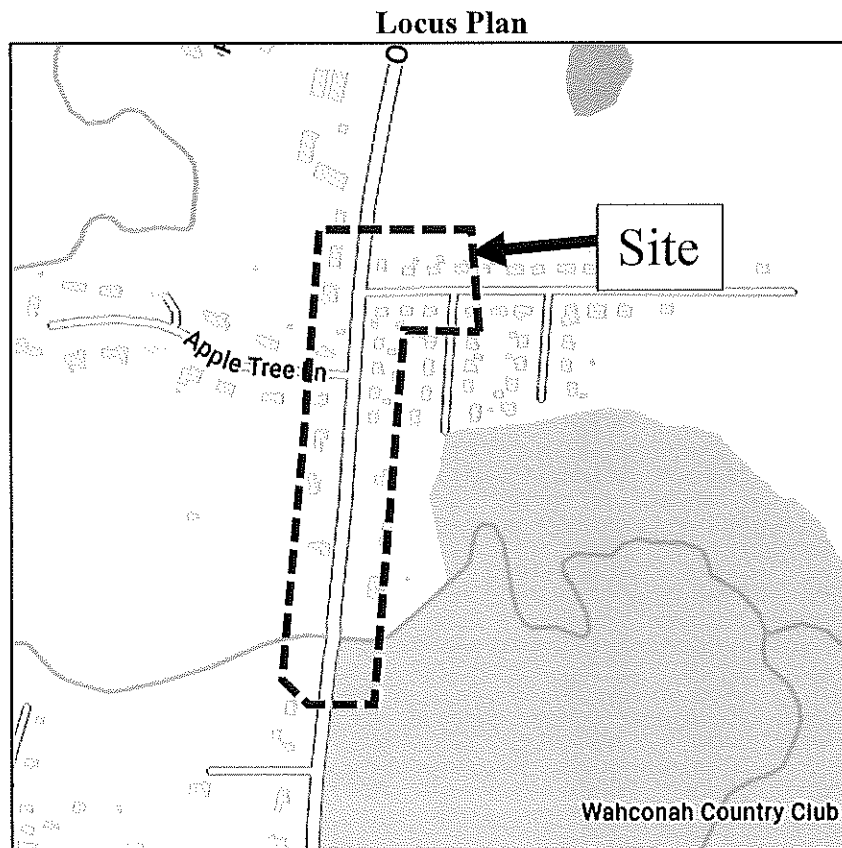
This narrative is intended to supplement the project drawings and describe the applicability of the Wetlands Protection Act to the work proposed therein. The project entails installation of new drain lines to alleviate periodic flooding of homes along Pease Ave. and Orchard Rd.

1.0 EXISTING CONDITIONS

Periodic flooding occurs behind several homes located on the north side of Pease Ave. This is due to inadequate drainage in the area. The watershed for this area is approximately 56 acres in size and includes the entire field that forms the southeast corner of Orchard St. and Rt. 9. Runoff currently enters a drainage structure behind #25 Pease Ave. and runs in a southerly direction between two homes and then connects to the drainage system in Pease Ave. This system is from original construction and is sub-standard by today's measurements.

A second drain pipe leads from a structure behind #250 Orchard St. and runs in a southerly direction through a series of small pipes to the Housatonic River, approximately 1,000 ft. to the south. This drainage network is also from original construction and is also sub-standard.

During larger storm events, both drainage systems become overtaxed, with large ponding occurring behind the houses. In some cases, Orchard Rd. itself has flooded, causing temporary closure to traffic and emergency vehicles.



2.0 PROPOSED PROJECT DESCRIPTION

The proposed project involves installation of *new* drainage facilities and upgrading of *existing* drainage facilities. It also entails reclaiming and resurfacing of Orchard Rd. in its entire length, as well as construction of a new paved sidewalk.

The *new* drainage will begin on the north side of the homes along Pease Ave. running all the way to the Housatonic River (current discharge location).

The new drainage system has been designed to handle a 25 yr. storm event.

There are two separate portions of drainage work involving wetland resource areas (northerly and southerly). The northerly portion (behind #25 Pease Ave.) contains a narrow "finger-like" band of bordering vegetated wetland, approximately 250 square feet in size. A *new* drainage structure and pipe is proposed near this BVW in order to capture runoff just upstream of an existing drainage structure. Upon installation of the new drainage structure, the finger-like wetland will be permanently filled in (for safety purposes) and the ground restored.

The southerly portion of the project (Housatonic River) contains Riverfront, Land Subject to Flooding, and Bank. The proposed outfall will be the same exact location as the existing outfall. The existing outfall is located approx. 20 ft. from the top of bank. Here, new rip rap will be placed from the outfall to the top of bank in order to prevent future erosion.

The reclaiming, paving, and sidewalk construction will take place in the buffer zone and Riverfront. Erosion controls will be placed along the limits or work to prevent impacts to resource areas. The new Riverfront alterations are associated with the proposed sidewalk. A total of 1625 S.F. of impacts are proposed.

The general sequence for construction would consist of the following:

1. Install MADEP File Number Sign.
2. Install erosion controls.
3. Contact Conservation Commission for inspection.
4. Verify exact underground utility locations. Report to engineer.
5. Work will begin at the southerly-most end of the project (Housatonic River).
6. Install new drain pipe from outfall to first manhole to the north. The slope shall be restored immediately upon installation of the this section.
7. Install rip rap outlet per detail.
8. Install all new drainage along Orchard St., working from south to north.
9. Install new drainage between Orchard St. and #25 Pease Ave. (rear). This section shall be completed during a dry period.
10. Perform reclaiming and re-paving work.
11. Construct new sidewalk (this step may occur prior to step #10)
12. Seed, and mulch all disturbed areas.
13. Contact Conservation Commission to inspect site prior to removal of erosion controls.
14. Remove erosion controls and request Certificate of Compliance.

2.0 BUFFER ZONE (310 CMR 10.02)

Portions of the work will take place in the buffer zone. Prior to doing so, silt fence will be erected to protect the adjacent resource areas.

All disturbed areas in the buffer zone (and elsewhere) will be restored to their original condition upon completion of the work in that area.

3.0 BANK (310 CMR 10.54)

No bank will be impacted by this project.

4.0 BORDERING VEGETATED WETLAND (310 CMR 10.55)

Approximately 250 S.F. of Bordering Vegetated Wetlands will be permanently impacted at the Pease Ave. drainage site. Here, the BVW is a “finger-like” projection into the adjacent upland and therefore may be altered in accordance with 310 CMR10.55(4)(c).

There are no BVW located at the Orchard Rd./ Housatonic River drainage site.

5.0 LAND UNDER WATER BODIES AND WATERWAYS (310 CMR 10.56)

No *Land Under Waterbodies and waterways* will be impacted due to the project.

6.0 LAND SUBJECT TO FLOODING (310 CMR 10.57)

BORDERING

Bordering Land Subject to Flooding (BLSF) is located in proximity to the Housatonic River. Although work will take place in BLSF, the ground will be restored to its original condition. Thus the work will not result in the lost of flood storage volumes, nor will it restrict flows so as to cause an increase in flood stage or velocity.

ISOLATED

There are no known isolated lands subject to flooding on the property.

7.0 RIVERFRONT (310 CMR 10.58)

The Riverfront Boundary is depicted on the plans. All of the work in the RFA is adjacent to the Housatonic River and entails drainage improvements, road reconstruction, and new sidewalks.

310 CMR 10.58(5) Redevelopment Within Previously Developed Riverfront Areas; Restoration and Mitigation.

Notwithstanding the provisions of 310 CMR 10.58(4)(c) and (d), the issuing authority may allow work to redevelop a previously developed riverfront area, provided the proposed work improves existing conditions. Redevelopment means replacement, rehabilitation or expansion of existing structures,

improvement of existing roads, or reuse of degraded or previously developed areas. A previously developed riverfront area contains areas degraded prior to August 7, 1996 by impervious surfaces from existing structures or pavement, absence of topsoil, junkyards, or abandoned dumping grounds. Work to redevelop previously developed riverfront areas shall conform to the following criteria:

*(a) At a minimum, proposed work shall result in an **improvement** over existing conditions of the capacity of the riverfront area to protect the interests identified in M.G.L. c. 131 § 40. When a lot is previously developed but no portion of the riverfront area is degraded, the requirements of 310 CMR 10.58(4) shall be met.*

The drainage outfall will be improved by creating a stable (rip rap) surface for the runoff to land, thus preventing erosion and scouring of the area directly above the bank of the river. This represents an improvement over existing conditions.

(b) Stormwater management is provided according to standards established by the Department.

Stormwater management standards do not apply in this case as no new measurable increases in impervious surface are being created.

(c) Within 200 foot riverfront areas, proposed work shall not be located closer to the river than existing conditions or 100 feet, whichever is less, or not closer than existing conditions within 25 foot riverfront areas, except in accordance with 310 CMR 10.58(5)(f) or (g).

The proposed work will be located approximately 20 ft. closer to the river than present conditions. This is necessary to prevent erosion and scouring to the land just above the bank. The project is considered a Limited Project under 310 CMR10.53(d) – “the construction, reconstruction, and maintenance of underground and overhead public utilities...” As such, the project may be permitted.

(d) Proposed work, including expansion of existing structures, shall be located outside the riverfront area or toward the riverfront area boundary and away from the river, except in accordance with 310 CMR 10.58(5)(f) or (g).

Due to the nature of the project (reconstruction of an existing road over an existing river), it is not possible for this standard to be met. The project is considered a Limited Project under 310 CMR10.53(d) – “the construction, reconstruction, and maintenance of underground and overhead public utilities...” As such, the project may be permitted.

(e) The area of proposed work shall not exceed the amount of degraded area, provided that the proposed work may alter up to 10% if the degraded area is less than 10% of the riverfront area, except in accordance with 310 CMR 10.58(5)(f) or (g).

Considering the 50 ft right of way of Orchard St., there is approx. 20,000 S.F. of Riverfront (50' x 400' = 20,000 S.F.). Of that 9,600 S.F. is currently degraded (paved surface). This represents 48% of the Riverfront. The proposed sidewalk will be 5 ft. wide and 325 ft. in length (1,625 S.F.). When added to existing degraded areas, a total of 56% of the existing Riverfront area will be altered. Given the circumstances, this standard cannot be met. The alternative would be to end the sidewalk at 200 ft. from the river in each direction, thereby forcing pedestrians to walk in the road. However, the main purpose of the sidewalk is to *improve* pedestrian safety. Therefore, there is no alternative. This standard will not be met.

(f) When an applicant proposes restoration on-site of degraded riverfront area, alteration may be allowed notwithstanding the criteria of 310 CMR 10.58(5)(c), (d), and (e) at a ratio in square feet of at least 1:1 of restored area to area of alteration not conforming to the criteria. Areas immediately along the river shall be selected for restoration. Alteration not conforming to the criteria shall begin at the riverfront area boundary. Restoration shall include: 1. removal of all debris, but retaining any trees or other mature vegetation; 2. grading to a topography which reduces runoff and increases infiltration; 3. coverage by topsoil at a depth consistent with natural conditions at the site; and 4. seeding and planting with an erosion control seed mixture, followed by plantings of herbaceous and woody species appropriate to the site;

Restoration is not proposed (no area available within the R.O.W.).

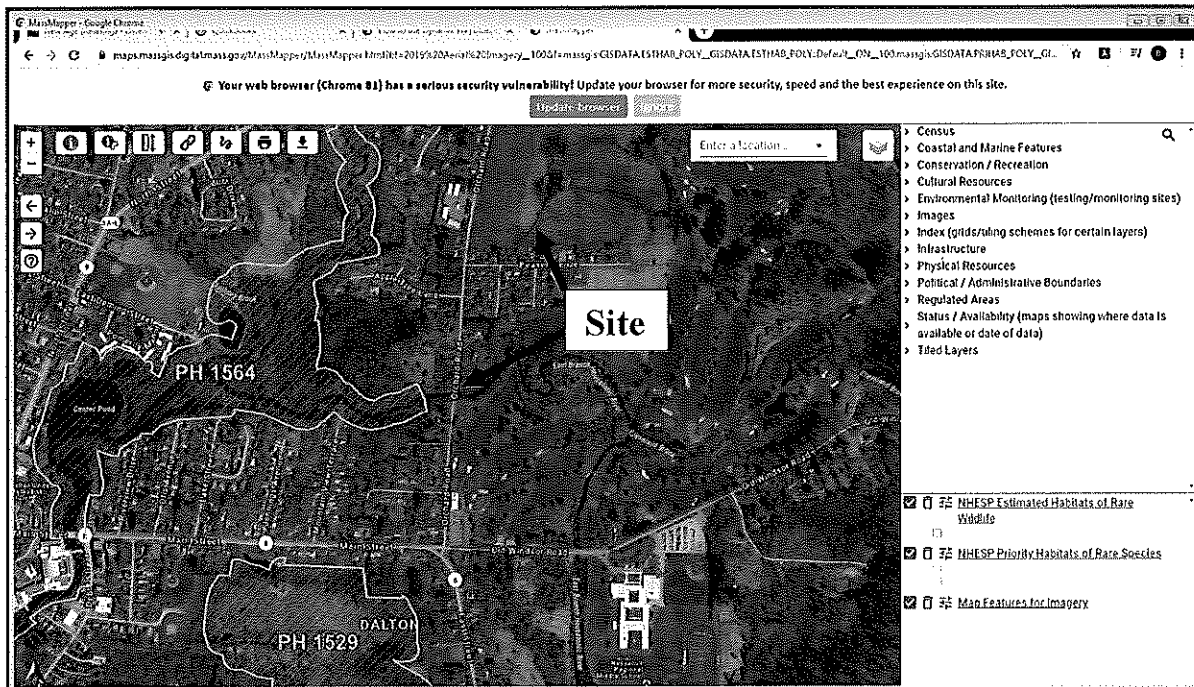
(g). When an applicant proposes mitigation either on-site or in the riverfront area within the same general area of the river basin, alteration may be allowed notwithstanding the criteria of 310 CMR 10.58(5)(c), (d), or (e) at a ratio in square feet of at least 2:1 of mitigation area to area of alteration not conforming to the criteria or an equivalent level of environmental protection where square footage is not a relevant measure. Alteration not conforming to the criteria shall begin at the riverfront area boundary. Mitigation may include off-site restoration of riverfront areas, conservation restrictions under M.G.L. c. 184, §§ 31 through 33 to preserve undisturbed riverfront areas that could be otherwise altered under 310 CMR 10.00, the purchase of development rights within the riverfront area, the restoration of bordering vegetated wetland, projects to remedy an existing adverse impact on the interests identified in M.G.L. c. 131, § 40 for which the applicant is not legally responsible, or similar activities undertaken voluntarily by the applicant which will support a determination by the issuing authority of no significant adverse impact. Preference shall be given to potential mitigation projects, if any, identified in a River Basin Plan approved by the Secretary of the Executive Office of Energy and Environmental Affairs.

Mitigation is not proposed.

(h). The issuing authority shall include a continuing condition in the Certificate of Compliance for projects under 310 CMR 10.58(5)(f) or (g) prohibiting further alteration within the restoration or mitigation area, except as may be required to maintain the area in its restored or mitigated condition. Prior to requesting the issuance of the Certificate of Compliance, the applicant shall demonstrate the restoration or mitigation has been successfully completed for at least two growing seasons

8.0 ESTIMATED HABITATS OF RARE WILDLIFE (310 CMR 10.59)

Per the latest Natural Heritage Atlas, the project site does not fall within a Natural Heritage and Endangered Species Program Priority or Estimated Habitat polygon.



9.0 LIMITED PROJECT

The project is considered a Limited Project under 310 CMR10.53(d) – “the construction, reconstruction, and maintenance of underground and overhead public utilities such as electrical distribution or transmission lines, or communication, sewer, water, and natural gas lines, may be permitted in accordance with the following general conditions and any additional conditions deemed necessary by the issuing authority:

1. *The issuing authority may require a reasonable alternative route with fewer adverse effect for a local distribution or connecting line not reviewed by the Energy Facilities Siting Council;*
There are no reasonable alternatives routes that would have fewer adverse impacts.

2. *Best available measures shall be used to minimize adverse effect during construction;*
The best available measures will be employed during construction. These include, but are not limited to, a) no construction during periods of high rainfall; b) construction near the river shall take place un-interrupted such that areas can be restored the same day; c) installation of erosion control measures.

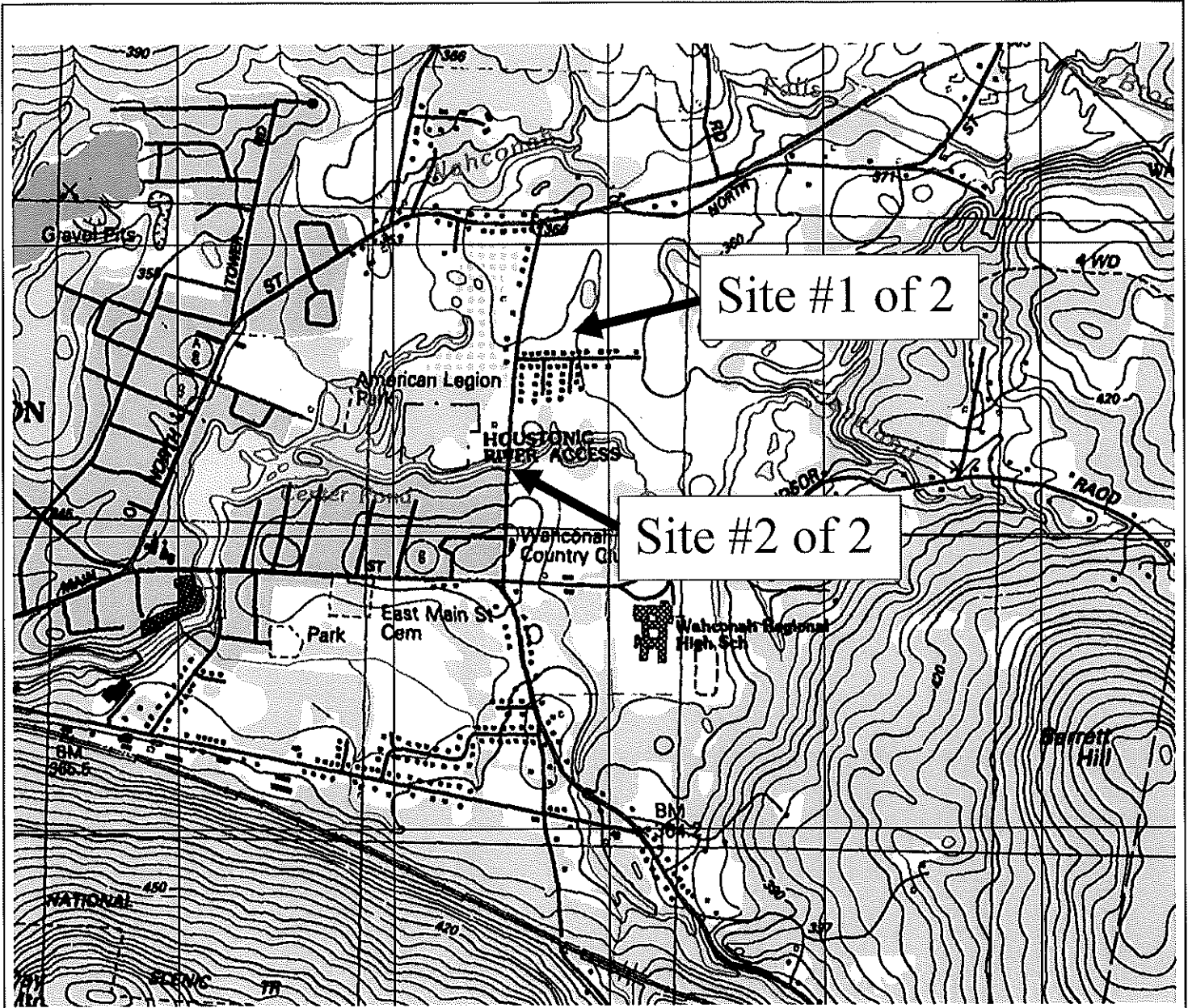
3. *The surface vegetation and contours of the area shall be substantially restored; and;*

The surface vegetation and contours of the area will be substantially restored.

4. *All sewer lines shall be constructed to minimize inflow and leakage.*

Sewer lines are not proposed for this project.

Figures



Source: Terrain Navigator Pro

FIGURE #1

U.S.G.S. Map
 Pease Ave. and Orchard Rd.
 Dalton, MA

Design Group, Inc.
 Civil Engineers • Surveyors • Consultants

Serving the Berkshires since 1979

FIGURE #2

FEMA Flood Map (attached)
Pease Ave. and Orchard Rd.
Dalton, MA

Source: FEMA website



Serving the Berkshires since 1979



APPROXIMATE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

TOWN OF
DALTON,
MASSACHUSETTS
BERKSHIRE COUNTY

PANEL 2 OF 7
(SEE MAP INDEX FOR PANELS NOT PRINTED)

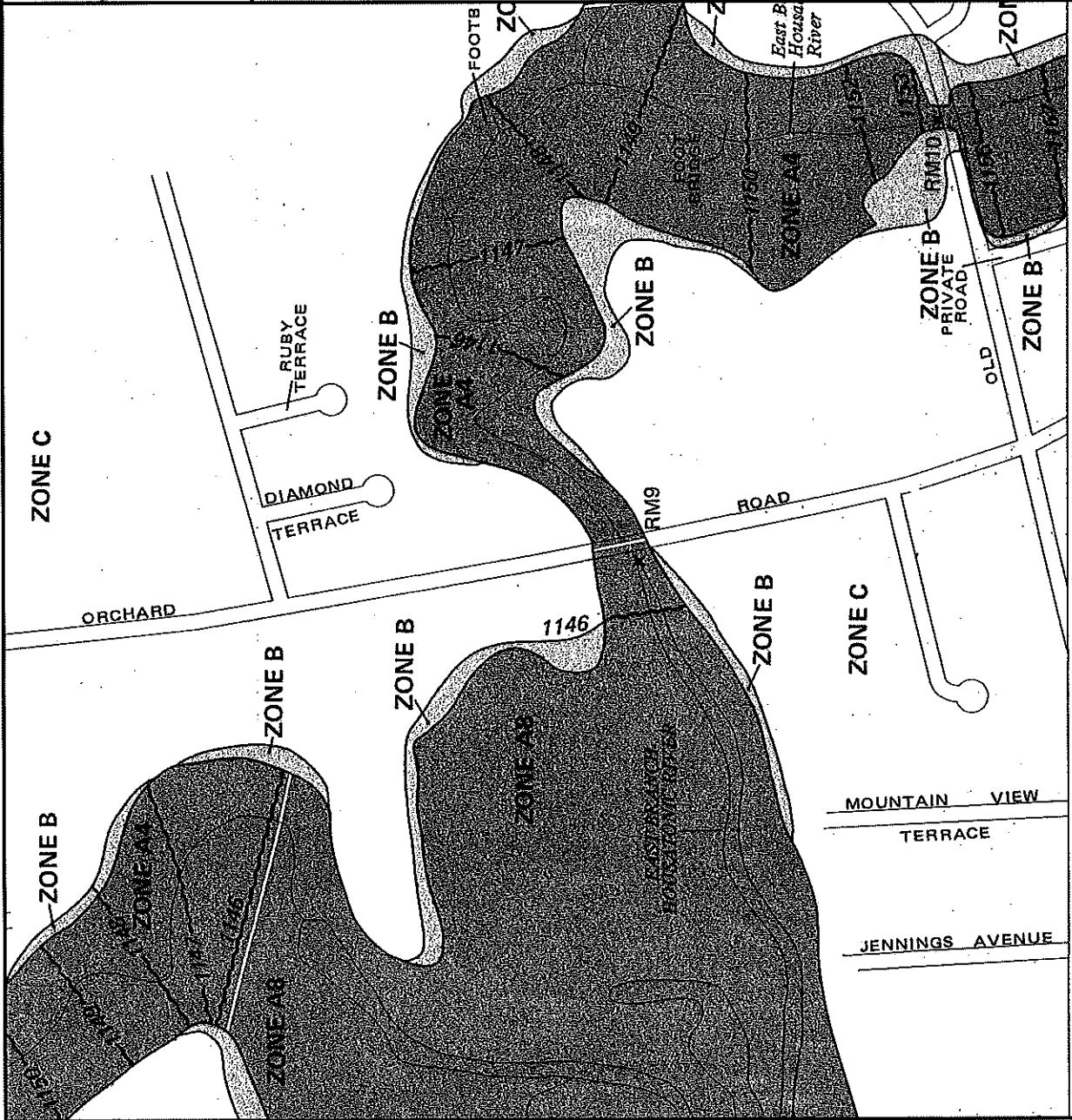
COMMUNITY-PANEL NUMBER
250021 0002 B

EFFECTIVE DATE:
JULY 5, 1982



Federal Emergency Management Agency

This is an official FIRM showing a portion of the above-referenced flood map created from the MSC FIRMette Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at <https://msc.fema.gov>.



ZONE C

RUBY TERRACE

DIAMOND TERRACE

ORCHARD ROAD

ZONE B

ZONE B

1146

ZONE AB

ZONE B

ZONE C

MOUNTAIN VIEW TERRACE

JENNINGS AVENUE

ZONE B

ZONE B

ZONE B
PRIVATE ROAD

ZONE B

FOOTB
ZONE

East Branch
Housatonic
River

ZONE

ROAD

JOHNSON

Attachment A

Resource Area Delineation Report

May 7, 2020

Town of Dalton
Conservation Commission
426 Main Street
Dalton, MA 01226

RE: Resource Area Delineation
Pease Ave Drainage Project
Orchard Street / Pease Avenue
Dalton, MA 01226
SKDG Project No. 200044

Dear Commission;

On May 5, 2020 SK Design Group, Inc. (SKDG) conducted a resource area delineation on the above referenced sites. The delineation was limited to a meadow area on Parcel Map 103, Lot 19 to the north of Pease Avenue residences #'s 7 through 25, to the south of the Diamond Terrace cul-de-sac in the area of the Wahconah Country Club (WCC) Hole #8 green, and at the Orchard Street bridge over the Housatonic River. The mean annual high-water line (MAHWL) of the Housatonic River was identified during the delineation as well as two (2) areas of Bordering Vegetated Wetland (BVW).

The MAHWL of the Housatonic River was identified in the area of the WCC Hole #8 green and the Orchard Street bridge. The Housatonic River flowed from east to west across these areas. The MAHWL of the Housatonic River was identified using field indicators that correspond to 310 CMR 10.58 2.b. of the Wetlands Protection Act (WPA). Specifically, this portion of Housatonic River is characterized by the following features; low gradient flow, presence of histosols and poorly defined banks and braided channels above a low flow channel. The MAHWL of the Housatonic River is represented by bankfull field indicators that occurred above the first observable break in slope. The indicators included the presence of histosols, distinguished vegetation regimes, and braided channels above the low flow channel.

BVW Area "A" was identified in the meadow to the north of the Pease Avenue properties. The drainage patterns and topography of the surrounding area and a failed drainage system directly contributes to the hydrology of this BVW. The BVW was dominated by Sensitive Fern (*Onoclea sensibilis*), Reed Canary Grass (*Phalaris arundinacea*), and Sedges (*Carex spp.*). The soils observed in the BVW area revealed a low chroma color matrix with mottling, concretions, and reductions in the B horizon. These characteristics are typical of hydric soil conditions (See field data forms for soil profiles). Hydric soils, drainage patterns, and evidence of standing water (stained leaves) within the BVW were the indicators of hydrology observed in this BVW. Soil profiles recorded in the wetland area can be found at wetland transect A.

The transition from BVW Area "A" to upland areas was a gradual break in grade with a very abrupt change in vegetative community and soil conditions. Upland areas were dominated by Tall Goldenrod (*Solidago altissima*), Catchweed Bedstraw (*Pinus strobus*), Common Dandelion (*Lonicera spp.*), Red Clover (*Solidago altissima*), and Timothy (*Celastrus orbiculatus*). The upland soils revealed a high chroma color matrix sand and gravel with no redoximorphic features, typical of non-hydric soil conditions. An upland soil profile at transect A2 was recorded on the attached Appendix G field data sheet attached hereto. Other soil profiles were collected throughout the upland area to verify soil conditions but were not recorded.

BVW Area "B" was identified above the MAHWL of the Housatonic River on the WCC property. The drainage patterns and hydrology of the Housatonic River directly contributes to the hydrology of this BVW. The BVW was dominated by Sensitive Fern (*Onoclea sensibilis*), Skunk-Cabbage (*Symplocarpus foetidus*), Red-osier Dogwood (*Cornus sericea*), Willow (*Salix spp.*) and Eastern Cottonwood (*Populus deltoides*). The soils observed in the BVW area revealed a low chroma color matrix with a sapric O-horizon, a high organic A-horizon, with mottling, concretions, and reductions in the B horizon. These characteristics are typical of hydric soil conditions (See field data forms for soil profiles). Hydric soils, drainage patterns, inundation, standing water, and soil saturation at the surface within the BVW were the indicators of hydrology observed in this BVW. Soil profiles recorded in the wetland area can be found at wetland transect B.

The transition from BVW Area "B" to upland areas was a very abrupt break in grade and change in vegetative community and soil conditions. Upland areas were dominated by Honeysuckle (*Lonicera spp.*), Northern Red Oak (*Quercus rubra*) and Sugar Maple (*Acer saccharum*). The upland soils revealed a high chroma color matrix sand and gravel with no redoximorphic features, typical of non-hydric soil conditions. An upland soil profile at transect B2 was recorded on the attached Appendix G field data sheet attached hereto. Other soil profiles were collected throughout the upland area to verify soil conditions but were not recorded.

The mean annual high-water line of the Housatonic River was marked in the field utilizing pink flagging labeled "MAHWL" and numbered sequentially. Blue or pink wire flagging numbered sequentially was utilized to establish the BVW boundaries. The MAHWL and BVW boundaries have been field located by survey and are illustrated on the Notice of Intent Plans prepared for the site.

If you should have any questions concerning this matter, please contact our office.

Sincerely,
S-K Design Group, Inc.

Brett W. Kamienski,
Environmental Scientist / Project Manager

G:\SK DESIGN GROUP\2020\200044 Town of Dalton - Pease Ave. drainage improvements\Documents\Word\Resource Area Delineation Letter.docx

Cc: File

MassDEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: Brian Hoag Prepared by: SK Design Group, Inc. Project location: Gale Ave Ext C7-1-101 & 102 DEP File #: _____
Pittsfield

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

Section I.

Vegetation	Observation Plot Number: A-19 (UP)	Transect Number: 19	Date of Delineation: 3/23/2020
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*
	C. Percent Dominance (Midpoint)		
Groundcover:			
Tall Goldenrod (<i>Solidago altissima</i>)	63.0	Yes	FACU-
Annual Ragweed (<i>Ambrosia artemisiifolia</i>)	10.5	No	FACU

Shrubs/Sapling:

None

Trees:

None

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: 0 Number of dominant non-wetland indicator plants: 2

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? yes **no**

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent

Section II. Indicators of Hydrology

A-19 (UP)

Other Indicators of Hydrology: (check all that apply & describe)

- Site Inundated: _____
- Depth to free water in observation hole: _____
- Depth to soil saturation in observation hole: _____
- Water marks: _____
- Drift lines: _____
- Sediment Deposits: _____
- Drainage patterns in BVW: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded Data (streams, lake, or tidal gauge; aerial photo; other): _____

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? yes no
 title/date: Soil Survey of Berkshire County, 1988
 map number: 21
 soil type mapped: GrA – Grotongravely sandy loam
 hydric soil inclusions: No

Are field observations consistent with soil survey? yes no
 Remarks:

Side slope above BVW

2. Soil Description

Horizon	Depth	Matrix Color
Ap	0-14"	10 YR 3/4

Mottles Color

Remarks:

3. Other:

Conclusion: Is soil hydric? no yes

Vegetation and Hydrology Conclusion	Yes	No
Number of wetland indicator plants ≥ # of non-wetland indicator plants	_____	<u>X</u>
Wetland hydrology present:		
Hydric soil present	_____	<u>X</u>
Other indicators of hydrology present	_____	<u>X</u>
Sample location is in a BVW	_____	<u>X</u>

Submit this form with the Request for Determination of Applicability or Notice of Intent.

MassDEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: Brian Hoag Prepared by: SK Design Group, Inc. Project location: Gale Ave Ext C7-1-101 & 102 DEP File #: _____
Pittsfield

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

Section I.

Vegetation	Observation Plot Number: A-19 (BVW)		Transect Number: 19	Date of Delineation: 3/23/2020
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*

Groundcover:

- *Sensitive Fern (*Onoclea sensibilis*) 10.5 11% No FACW
- *Sphagnum Moss (*Sphagnum spp.*) 38.0 39% Yes FACW
- *Wool-Grass (*Scirpens*) 38.0 39% Yes OBL
- *Reed-Canary Grass (*Lythrum salicaria*) 10.5 11% No FACW+

Shrubs/Sapling:

- *Pussy Willow (*Salix discolor*) 38.0 34% Yes FACW
- *Red-osier Dogwood (*Cornus sericea*) 10.5 9% No FACW+
- *Speckled Alder (*Alnus incata*) 63.0 57% Yes FACW+

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: 4 Number of dominant non-wetland indicator plants: 0

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **yes** no

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent

Section II. Indicators of Hydrology

A-19 (BVW)

Other Indicators of Hydrology: (check all that apply & describe)

- Site Inundated: Portions w/ channelization
- Depth to free water in observation hole: <12"
- Depth to soil saturation in observation hole: <12"
- Water marks: _____
- Drift lines: _____
- Sediment Deposits: _____
- Drainage patterns in BVW: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded Data (streams, lake, or tidal gauge; aerial photo; other): _____
- _____
- _____
- Other: _____

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? yes no
 title/date: Soil Survey of Berkshire County, 1988
 map number: 21
 soil type mapped: GrA - Grotongravely sandy loam
 hydric soil inclusions: No

Are field observations consistent with soil survey? yes no
 Remarks: _____

BVW located in large depression area with limited outlet.

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
A	0-8"	10 YR 3/1	
Bw1	8-12"	10 YR 4/2	7.5YR 4/6~40%

Remarks:

Redox and saturation < 12"

3. Other:

Conclusion: Is soil hydric? yes no

Vegetation and Hydrology Conclusion

Number of wetland indicator plants
 ≥ # of non-wetland indicator plants

Yes X No _____

Wetland hydrology present:

Hydric soil present

X

Other indicators of hydrology present

X

Sample location is in a BVW

X

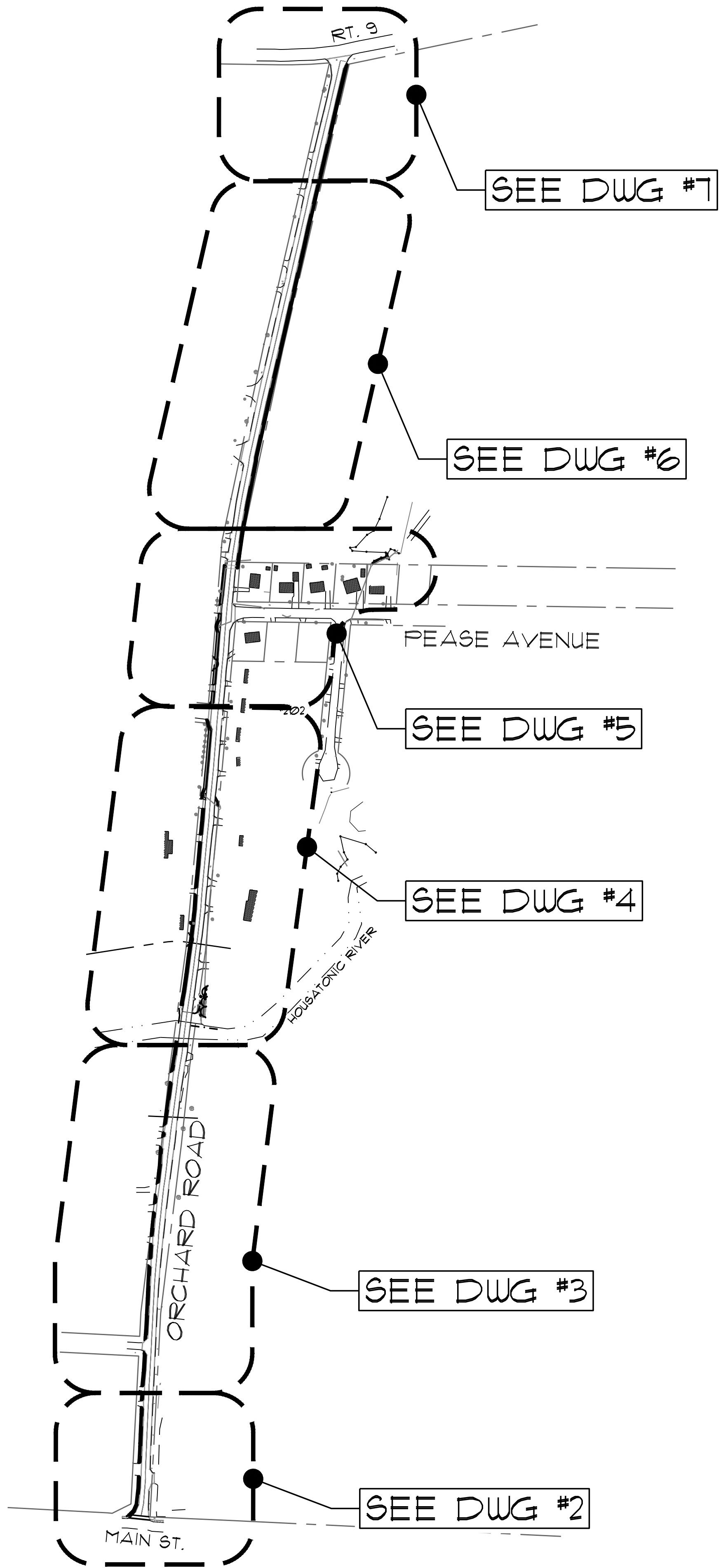
Submit this form with the Request for Determination of Applicability or Notice of Intent.

Attachment B
Recorded Easement Plans

Attachment C

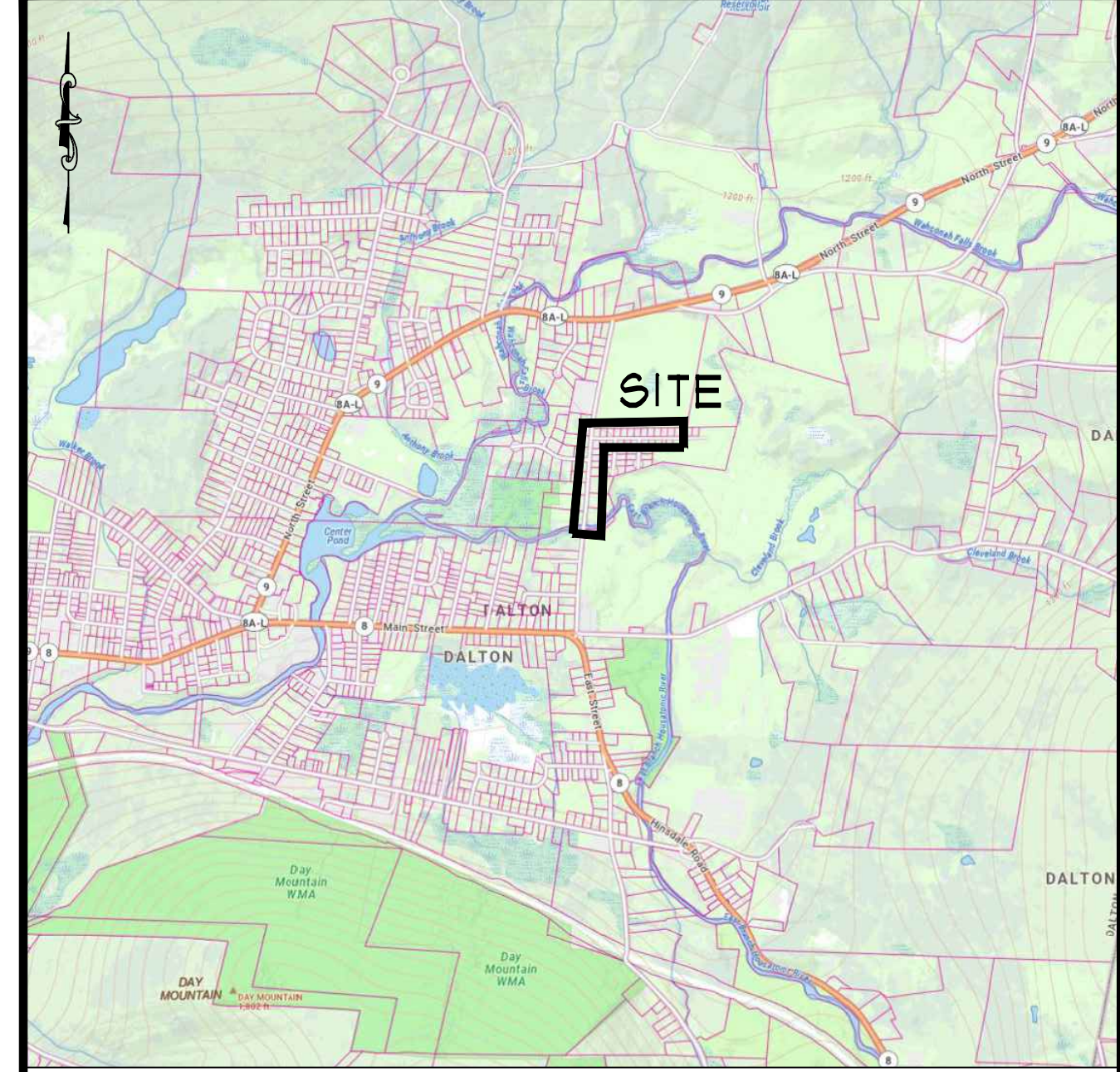
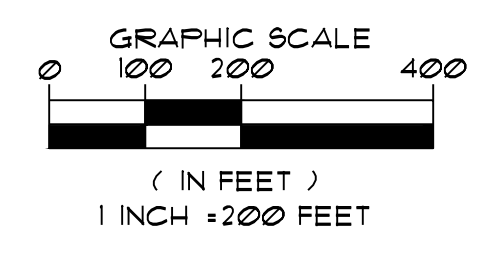
Construction Drawings, dated Oct. 9, 2024

C:\SK DESIGN GROUP\2020\200044 Town of Dalton - Pease Ave. drainage improvements\Drawings\Construction\200044 SITE (10-3-24).dwg
 User Name: BR000007
 Date: 10/9/2024 8:11 AM



1 SITE PLAN
 SCALE: 1"=200'

NOTES:
 1. EXISTING CONDITIONS SURVEY WAS PERFORMED BY SK DESIGN GROUP, INC. IN MAY & JUNE, 2020.



2 LOCUS PLAN
 SCALE: N.T.S.

LEGEND

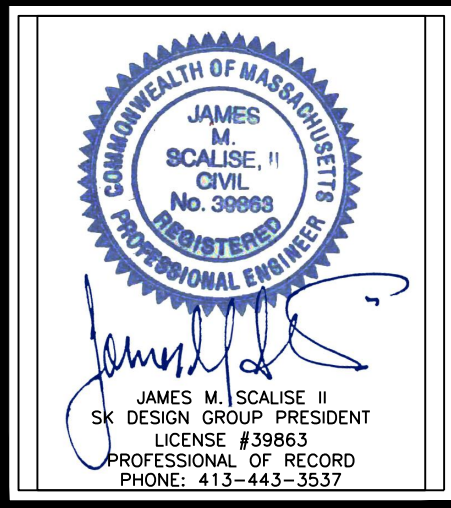
- APPROXIMATE R.O.W.
- - - - - EXISTING WETLAND BOUNDARY
- . - . - . APPROXIMATE EDGE OF RIVER
- EXISTING EASEMENT
- - - - - 100-YEAR FLOOD ELEVATION
- 100' BUFFER ZONE
- - - - - 200' EXISTING CONTOUR
- ~~~~~ EXISTING TREELINE
- ⊕ EXISTING UTILITY POLE
- ○ ○ ○ ○ EXISTING FENCE
- w — w — EXISTING WATER LINE
- s — s — EXISTING SEWER LINE
- — — — — EXISTING DRAIN LINE
- ⊕ EXISTING CATCH BASIN
- ⊙ EXISTING DRAIN MANHOLE
- ⊙ EXISTING SEWER MANHOLE
- ⊕ EXISTING HYDRANT
- ⊙ EXISTING WELL
- (200) — PROPOSED CONTOUR
- — — — — PROPOSED DRAIN LINE
- ⊕ PROPOSED CATCH BASIN
- ⊙ PROPOSED DRAIN MANHOLE
- PROPOSED DROP INLET
- - - - - PROPOSED EASEMENT
- P.W.W. PAVED WATER WAY
- EC — EC — PROPOSED EROSION CONTROL
- █ LIMIT OF STREET RECLAIMING THIS CONTRACT
- == DYCL == DOUBLE-YELLOW CENTER LINE

CONSTRUCTION DRAWINGS
 PREPARED FOR:
TOWN OF DALTON
 LOCATED AT:
 ORCHARD ROAD / PEASE AVENUE
 DALTON, MASSACHUSETTS

Design Group, Inc.
 Civil Engineers * Surveyors * Consultants
 2 FERBER DRIVE • PITTSFIELD, MASSACHUSETTS 01201 • (413) 443-3377

PLAN DESCRIPTION:
OVERALL SITE PLAN

SK DESIGN GROUP PROJECT #:
200044

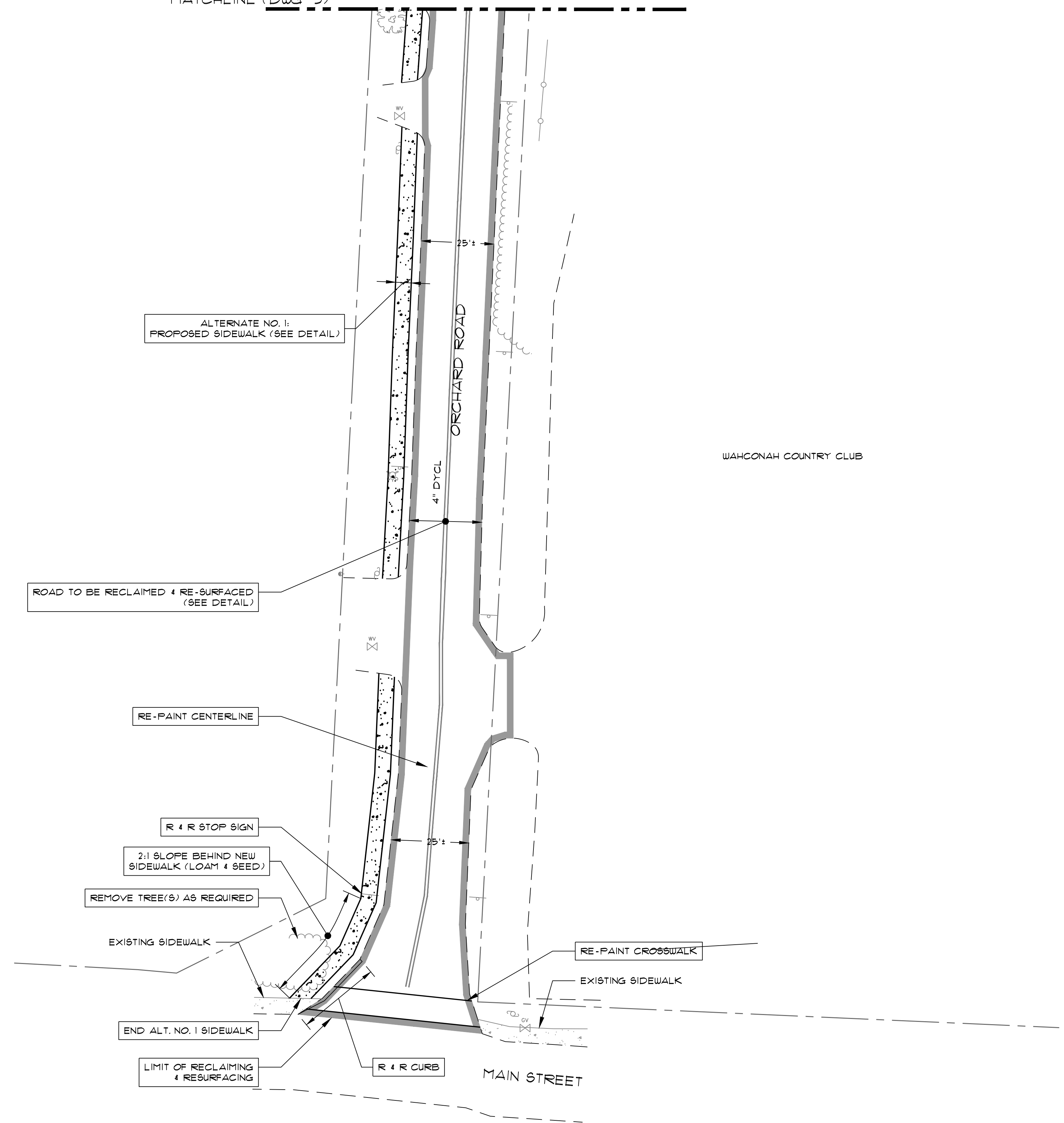


REVISION:	

DRAWN BY: BWR	CHECKED BY: JMS II
ORIG. DATE: OCT. 9, 2024	SHEET NO. 1
ISSUED FOR: PERMIT	OF 11
SCALE: AS NOTED	



MATCHLINE (DWG #3)



WAHCONAH COUNTRY CLUB

LEGEND

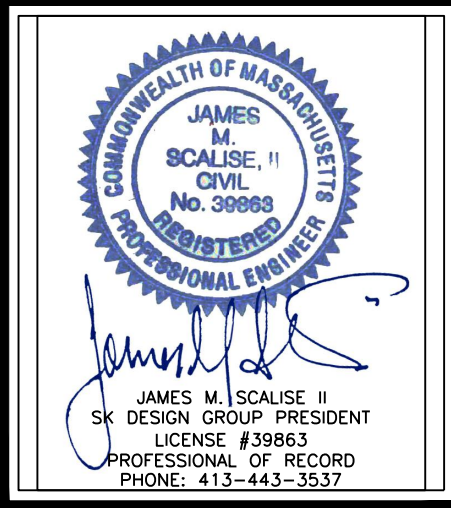
- APPROXIMATE ROW.
- - - - - EXISTING WETLAND BOUNDARY
- - - - - APPROXIMATE EDGE OF RIVER
- - - - - EXISTING EASEMENT
- - - - - 100-YEAR FLOOD ELEVATION
- - - - - 100' BUFFER ZONE
- - - - - 200' EXISTING CONTOUR
- - - - - EXISTING TREELINE
- EXISTING UTILITY POLE
- EXISTING FENCE
- EXISTING GUARDRAIL
- W W EXISTING WATER LINE
- S S EXISTING SEWER LINE
- - - - - EXISTING DRAIN LINE
- ⊕ EXISTING CATCH BASIN
- ⊙ EXISTING DRAIN MANHOLE
- ⊙ EXISTING SEWER MANHOLE
- ⊕ EXISTING HYDRANT
- ⊙ EXISTING WELL
- 200' PROPOSED CONTOUR
- - - - - PROPOSED DRAIN LINE
- ⊕ PROPOSED CATCH BASIN
- ⊙ PROPOSED DRAIN MANHOLE
- PROPOSED DROP INLET
- - - - - PROPOSED EASEMENT
- P.W.W. PAVED WATER WAY
- EG EG PROPOSED EROSION CONTROL
- █ LIMIT OF STREET RECLAIMING THIS CONTRACT
- == DYCL == DOUBLE-YELLOW CENTER LINE

CONSTRUCTION DRAWINGS
 PREPARED FOR:
TOWN OF DALTON
 LOCATED AT:
 ORCHARD ROAD / PEASE AVENUE
 DALTON, MASSACHUSETTS



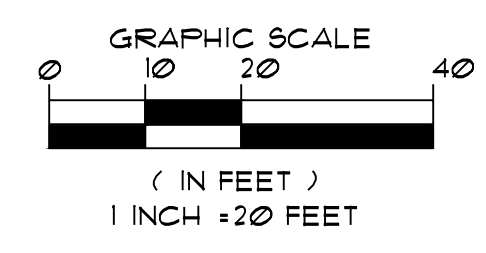
PLAN DESCRIPTION:
SITE PLAN

SK DESIGN GROUP PROJECT #:
200044



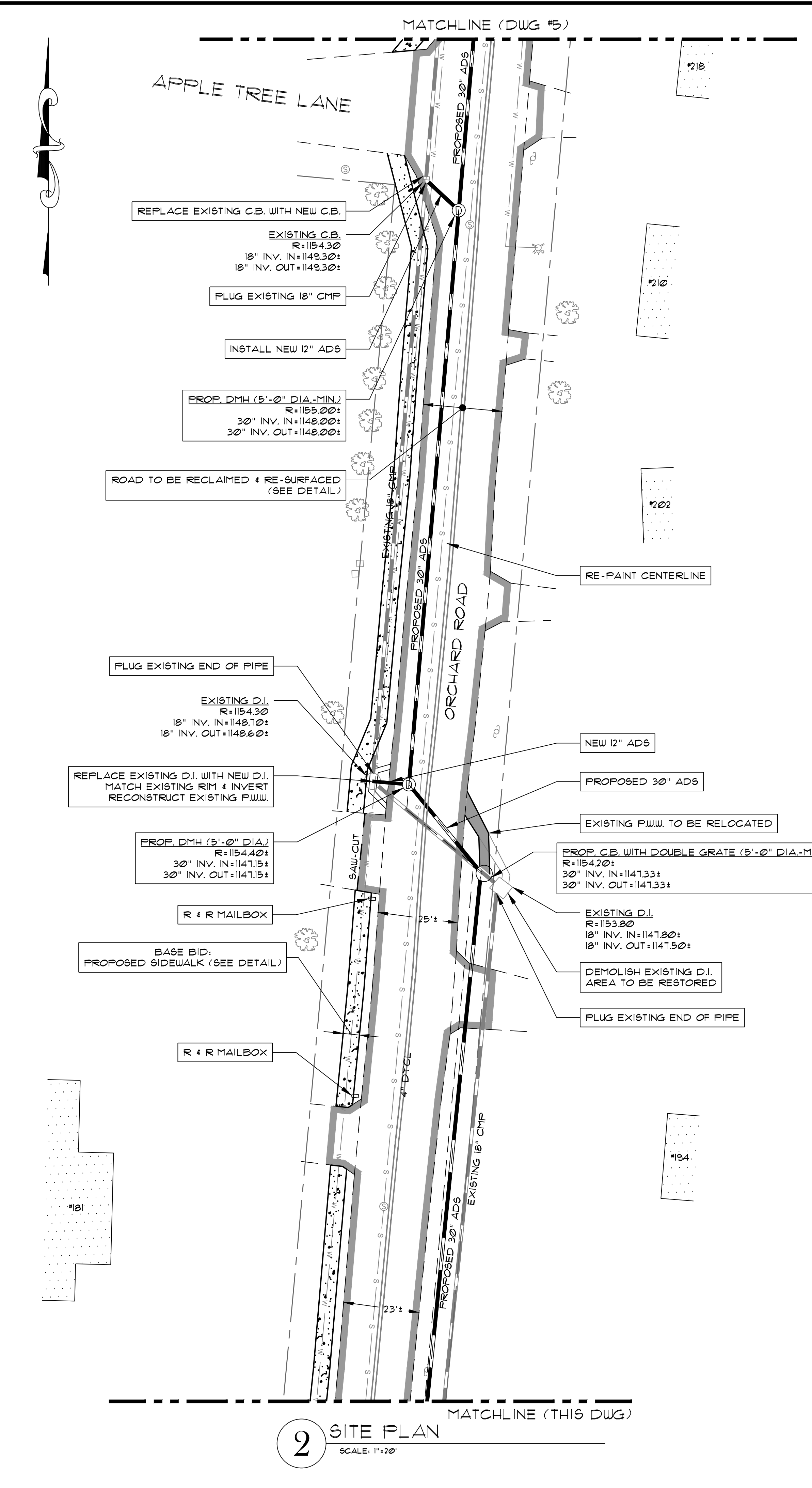
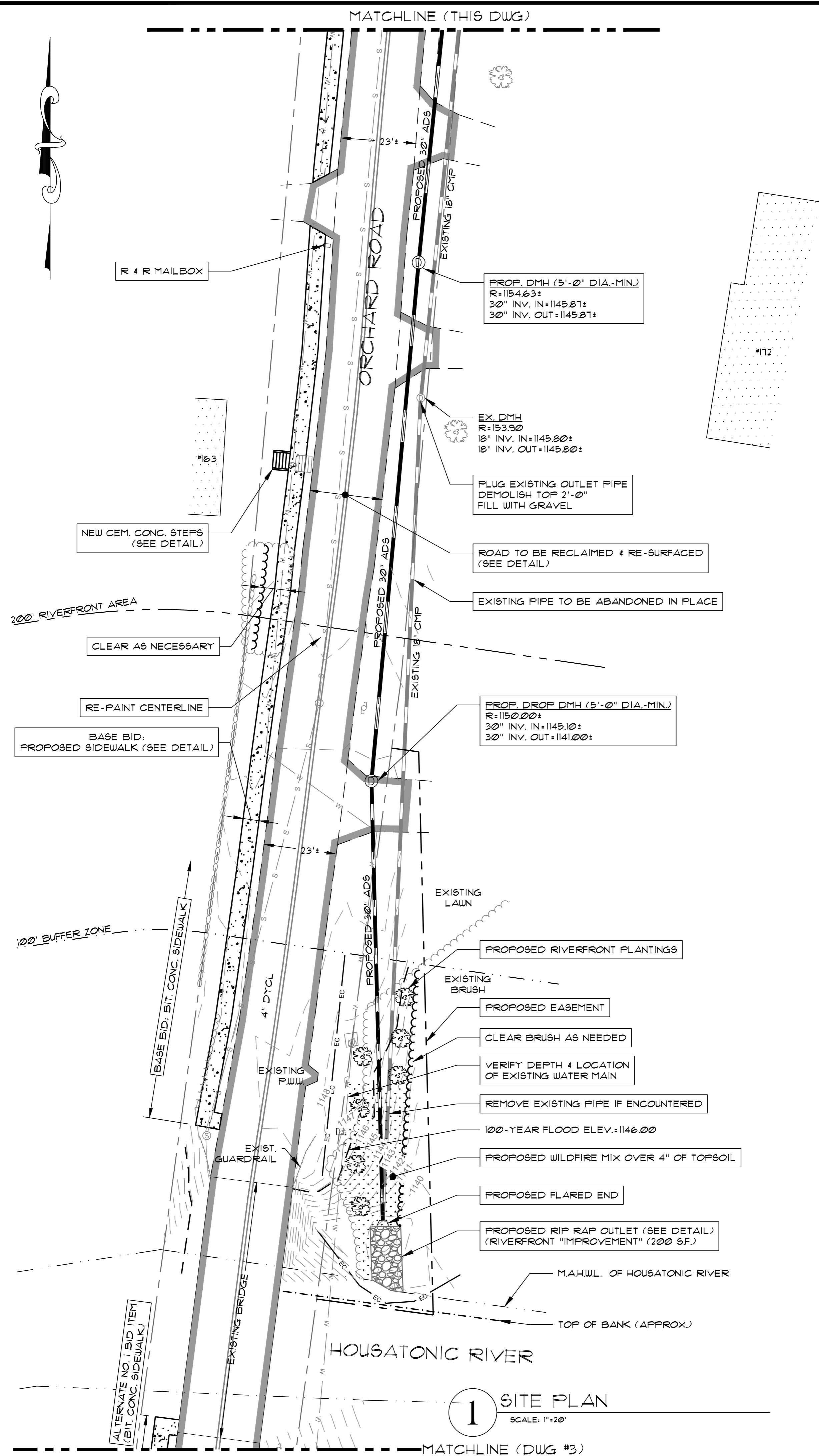
REVISION:	

DRAWN BY: BWR	CHECKED BY: JMS II
ORIG. DATE: OCT. 9, 2024	SHEET NO. 2
ISSUED FOR: PERMIT	OF 11
SCALE: AS NOTED	



1 SITE PLAN
 SCALE: 1"=20'

C:\SK DESIGN GROUP\2020\200044 Town of Dalton - Pease Ave. drainage improvements\Drawings\Construction\200044 SITE (10-3-24).dwg
 User Name: BWR0427
 Date: 10/9/2024 8:11am



LEGEND

	APPROXIMATE ROW
	EXISTING WETLAND BOUNDARY
	APPROXIMATE EDGE OF RIVER
	EXISTING EASEMENT
	100-YEAR FLOOD ELEVATION
	100' BUFFER ZONE
	EXISTING CONTOUR
	EXISTING TREELINE
	EXISTING UTILITY POLE
	EXISTING FENCE
	EXISTING GUARDRAIL
	EXISTING WATER LINE
	EXISTING SEWER LINE
	EXISTING DRAIN LINE
	EXISTING CATCH BASIN
	EXISTING DRAIN MANHOLE
	EXISTING SEWER MANHOLE
	EXISTING HYDRANT
	EXISTING WELL
	PROPOSED CONTOUR
	PROPOSED DRAIN LINE
	PROPOSED CATCH BASIN
	PROPOSED DRAIN MANHOLE
	PROPOSED DROP INLET
	PROPOSED EASEMENT
	PAVED WATER WAY
	PROPOSED EROSION CONTROL
	LIMIT OF STREET RECLAIMING THIS CONTRACT
	DOUBLE-YELLOW CENTER LINE
	PROPOSED WILDFLOWER SEED MIX OVER 4" OF TOPSOIL

CONSTRUCTION DRAWINGS
PREPARED FOR:
TOWN OF DALTON
LOCATED AT:
ORCHARD ROAD / PEASE AVENUE
DALTON, MASSACHUSETTS

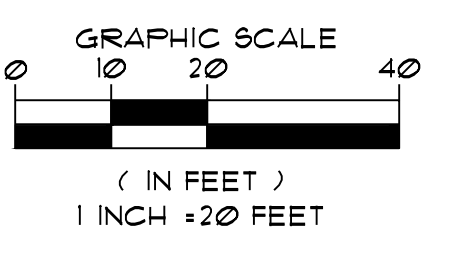
Design Group, Inc.
Civil Engineers • Surveyors • Consultants
2 FERBEND DRIVE • PITTSFIELD, MASSACHUSETTS 01201 • (413) 443-3337

SK DESIGN GROUP PROJECT #:
200044

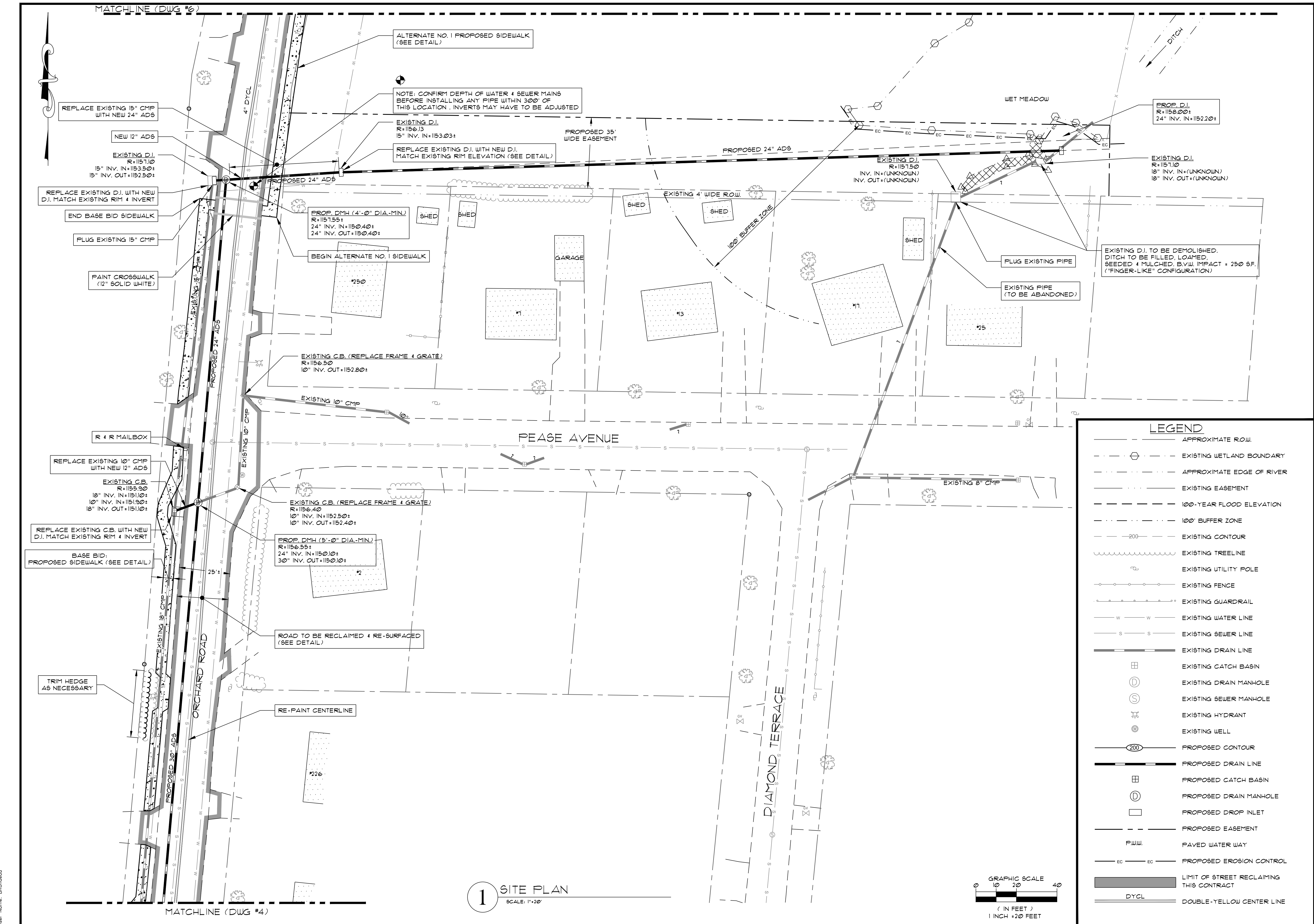
JAMES M. SICALISE II
SK DESIGN GROUP PRESIDENT
LICENSE #39863
PROFESSIONAL OF RECORD
PHONE: 413-443-3337

REVISION:	

DRAWN BY: BMR	CHECKED BY: JMS II
ORIG. DATE: OCT. 9, 2024	SHEET NO. 4
ISSUED FOR: PERMIT	OF 11
SCALE: AS NOTED	

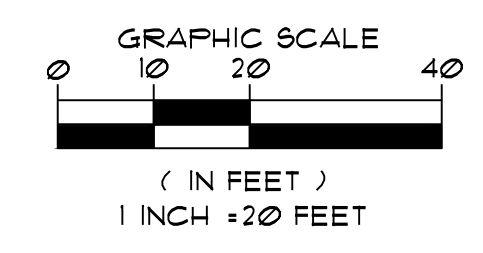


C:\SK DESIGN GROUP\2024\200044 Town of Dalton - Pease Ave. drainage improvements\Drawings\Construction\200044 SITE (10--3--24) .dwg
 User Name: BMR
 Date: 10/09/2024
 Time: 8:12am



LEGEND

- APPROXIMATE ROW.
- - - - - EXISTING WETLAND BOUNDARY
- - - - - APPROXIMATE EDGE OF RIVER
- - - - - EXISTING EASEMENT
- - - - - 100-YEAR FLOOD ELEVATION
- - - - - 100' BUFFER ZONE
- - - - - EXISTING CONTOUR
- - - - - EXISTING TREELINE
- - - - - EXISTING UTILITY POLE
- - - - - EXISTING FENCE
- - - - - EXISTING GUARDRAIL
- - - - - EXISTING WATER LINE
- - - - - EXISTING SEWER LINE
- - - - - EXISTING DRAIN LINE
- ▣ EXISTING CATCH BASIN
- ⊙ EXISTING DRAIN MANHOLE
- ⊙ EXISTING SEWER MANHOLE
- ⊙ EXISTING HYDRANT
- ⊙ EXISTING WELL
- 200 PROPOSED CONTOUR
- - - - - PROPOSED DRAIN LINE
- ▣ PROPOSED CATCH BASIN
- ⊙ PROPOSED DRAIN MANHOLE
- PROPOSED DROP INLET
- - - - - PROPOSED EASEMENT
- P.W.W. PAVED WATER WAY
- EC - EC PROPOSED EROSION CONTROL
- ▬ LIMIT OF STREET RECLAIMING THIS CONTRACT
- ▬▬▬ DYCL DOUBLE-YELLOW CENTER LINE



1 SITE PLAN
SCALE: 1" = 20'

CONSTRUCTION DRAWINGS
PREPARED FOR:
TOWN OF DALTON
LOCATED AT:
ORCHARD ROAD / PEASE AVENUE
DALTON, MASSACHUSETTS

Design Group, Inc.
Civil Engineers • Surveyors • Consultants
1 FERRIS DRIVE • PITTSFIELD, MASSACHUSETTS 01201 • (413) 443-3537

SK DESIGN GROUP PROJECT #:
200044

JAMES M. SCALISE II
SK DESIGN GROUP PRESIDENT
LICENSE #39863
PROFESSIONAL OF RECORD
PHONE: 413-443-3537

REVISION:	DRAWN BY: BWR	CHECKED BY: JMS II
	ORIG. DATE: OCT. 9, 2024	SHEET NO.:
	ISSUED FOR: PERMIT	5
	SCALE: AS NOTED	OF 11

C:\SK DESIGN GROUP\2020\200044 Town of Dalton - Pease Ave. drainage improvements\Drawings\Construction\200044 SITE (10-3-24).dwg
 User Name: BReadev
 Date: October 16, 2024 8:12am

MATCHLINE (THIS DWG)

ROAD TO BE RECLAIMED & RE-SURFACED (SEE DETAIL)

RE-PAINT CENTERLINE

ALTERNATE NO. 1: PROPOSED SIDEWALK (SEE DETAIL)

1 SITE PLAN SCALE: 1"=20'

MATCHLINE (DWG #5)

MATCHLINE (DWG #1)

ROAD TO BE RECLAIMED & RE-SURFACED (SEE DETAIL)

RE-PAINT CENTERLINE

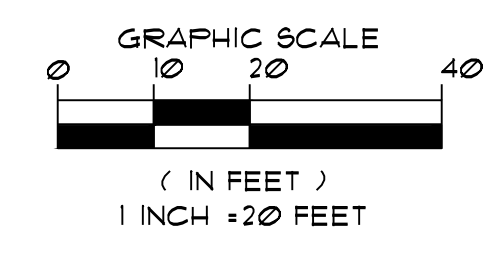
ALTERNATE NO. 1: PROPOSED SIDEWALK (SEE DETAIL)

2 SITE PLAN SCALE: 1"=20'

MATCHLINE (THIS DWG)

LEGEND

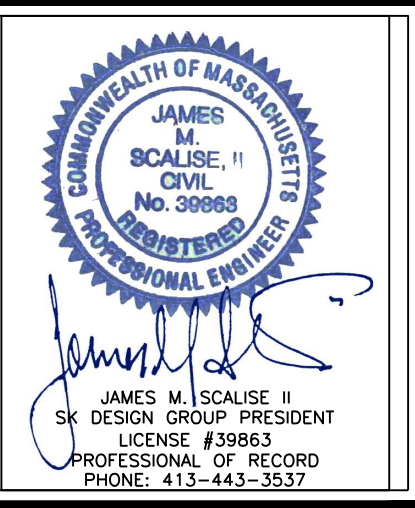
- APPROXIMATE ROW
- - - - - EXISTING WETLAND BOUNDARY
- - - - - APPROXIMATE EDGE OF RIVER
- - - - - EXISTING EASEMENT
- - - - - 100-YEAR FLOOD ELEVATION
- - - - - 100' BUFFER ZONE
- - - - - 200' EXISTING CONTOUR
- - - - - EXISTING TREELINE
- EXISTING UTILITY POLE
- EXISTING FENCE
- EXISTING GUARDRAIL
- W W EXISTING WATER LINE
- S S EXISTING SEWER LINE
- EXISTING DRAIN LINE
- ⊕ EXISTING CATCH BASIN
- ⊙ EXISTING DRAIN MANHOLE
- ⊙ EXISTING SEWER MANHOLE
- ⊙ EXISTING HYDRANT
- ⊙ EXISTING WELL
- 200 PROPOSED CONTOUR
- PROPOSED DRAIN LINE
- ⊕ PROPOSED CATCH BASIN
- ⊙ PROPOSED DRAIN MANHOLE
- PROPOSED DROP INLET
- - - - - PROPOSED EASEMENT
- P.W.W. PAVED WATER WAY
- EC EC PROPOSED EROSION CONTROL
- LIMIT OF STREET RECLAIMING THIS CONTRACT
- DYCL DOUBLE-YELLOW CENTER LINE



CONSTRUCTION DRAWINGS
 PREPARED FOR:
TOWN OF DALTON
 LOCATED AT:
 ORCHARD ROAD / PEASE AVENUE
 DALTON, MASSACHUSETTS

Design Group, Inc.
 Civil Engineers * Surveyors * Consultants
 2 FERBER DRIVE • PITTSFIELD, MASSACHUSETTS 01201 • (413) 443-3377

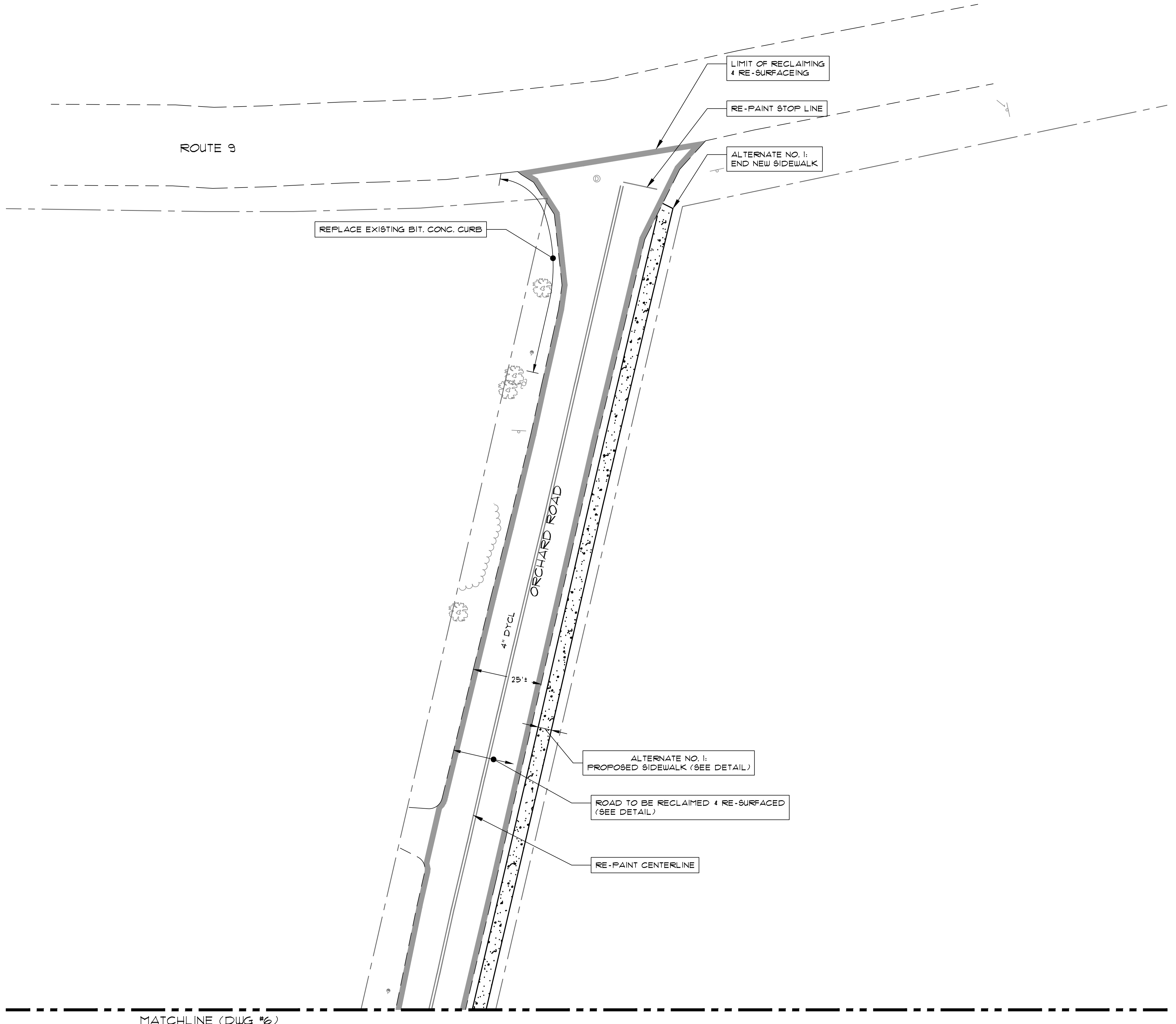
SK DESIGN GROUP PROJECT #:
200044



REVISION:	

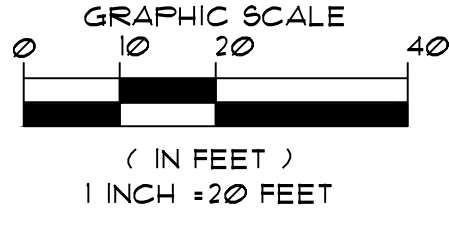
DRAWN BY: BWR	CHECKED BY: JMS II
ORIG. DATE: OCT. 9, 2024	SHEET NO.:
ISSUED FOR: PERMIT	6 OF 11
SCALE: AS NOTED	

C:\SK DESIGN GROUP\2020\200044 Town of Dalton - Pease Ave. drainage improvements\Drawings\Construction\200044 SITE (10-3-24).dwg
 User Name: BWR0007
 Date: 10/16/2024 8:12am



MATCHLINE (DWG #6)

1 SITE PLAN
SCALE: 1"=20'



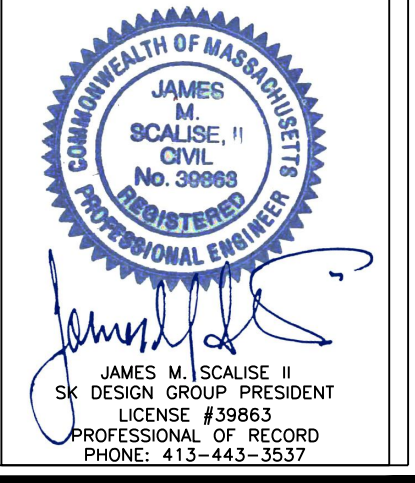
LEGEND	
	APPROXIMATE ROW.
	EXISTING WETLAND BOUNDARY
	APPROXIMATE EDGE OF RIVER
	EXISTING EASEMENT
	100-YEAR FLOOD ELEVATION
	100' BUFFER ZONE
	EXISTING CONTOUR
	EXISTING TREELINE
	EXISTING UTILITY POLE
	EXISTING FENCE
	EXISTING GUARDRAIL
	EXISTING WATER LINE
	EXISTING SEWER LINE
	EXISTING DRAIN LINE
	EXISTING CATCH BASIN
	EXISTING DRAIN MANHOLE
	EXISTING SEWER MANHOLE
	EXISTING HYDRANT
	EXISTING WELL
	PROPOSED CONTOUR
	PROPOSED DRAIN LINE
	PROPOSED CATCH BASIN
	PROPOSED DRAIN MANHOLE
	PROPOSED SEWER MANHOLE
	PROPOSED HYDRANT
	PROPOSED WELL
	PROPOSED DROP INLET
	PROPOSED EASEMENT
	PAVED WATER WAY
	PROPOSED EROSION CONTROL
	LIMIT OF STREET RECLAIMING THIS CONTRACT
	DYCL DOUBLE-YELLOW CENTER LINE

CONSTRUCTION DRAWINGS
PREPARED FOR:
TOWN OF DALTON
LOCATED AT:
ORCHARD ROAD / PEASE AVENUE
DALTON, MASSACHUSETTS



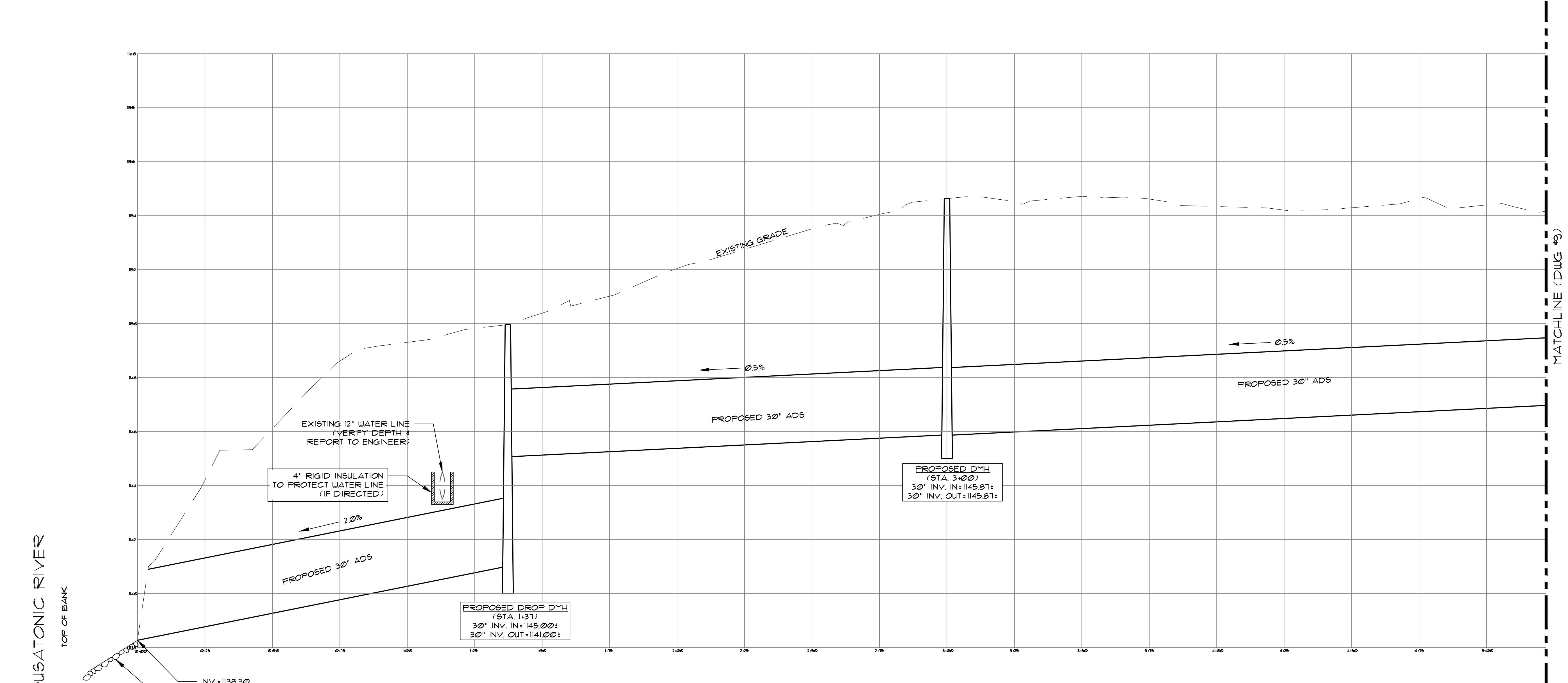
PLAN DESCRIPTION:
SITE PLAN

SK DESIGN GROUP PROJECT #:
200044

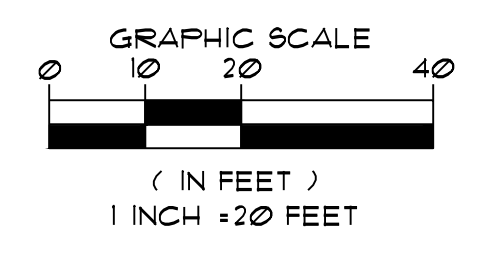


REVISION:	
DRAWN BY: BKR	CHECKED BY: JMS II
ORIG. DATE: OCT. 9, 2024	SHEET NO. 7
ISSUED FOR: PERMIT	OF 11
SCALE: AS NOTED	

C:\SK DESIGN GROUP\2020\200044 Town of Dalton - Pease Ave. drainage improvements\Drawings\Construction\200044 SITE (10-3-24).dwg
 User Name: BBrandev



1 PROFILE
 SCALE: 1" = 20' HORIZ., 1" = 2' VERT.

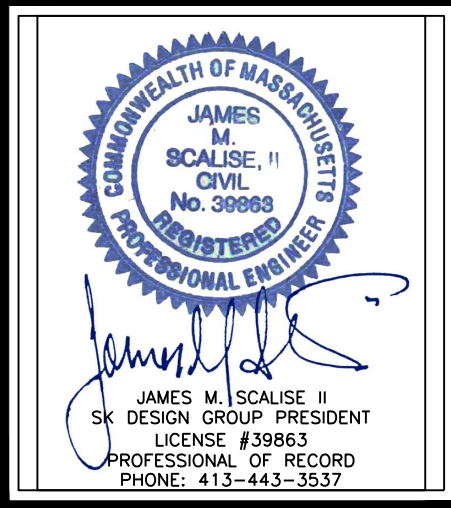


CONSTRUCTION DRAWINGS
 PREPARED FOR:
TOWN OF DALTON
 LOCATED AT:
 ORCHARD ROAD / PEASE AVENUE
 DALTON, MASSACHUSETTS

Design Group, Inc.
 Civil Engineers * Surveyors * Consultants
 1 FERBER DRIVE • PITTSFIELD, MASSACHUSETTS 01201 • (413) 443-3337

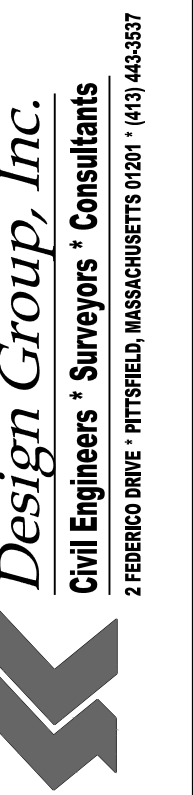
PLAN DESCRIPTION:
PROFILE

SK DESIGN GROUP PROJECT #:
200044



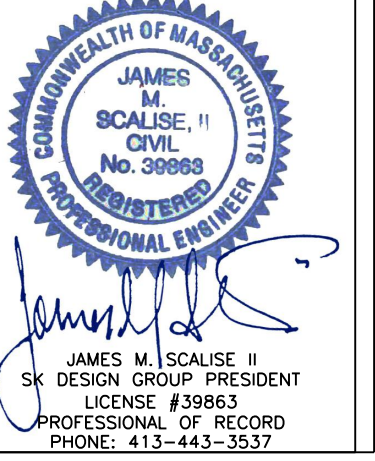
DRAWN BY: BWR		CHECKED BY: JMS II	
ORIG. DATE: OCT. 9, 2024		SHEET NO.:	
ISSUED FOR: PERMIT		8	
SCALE: AS NOTED		OF 11	

CONSTRUCTION DRAWINGS
 PREPARED FOR:
TOWN OF DALTON
 LOCATED AT:
 ORCHARD ROAD / PEASE AVENUE
 DALTON, MASSACHUSETTS

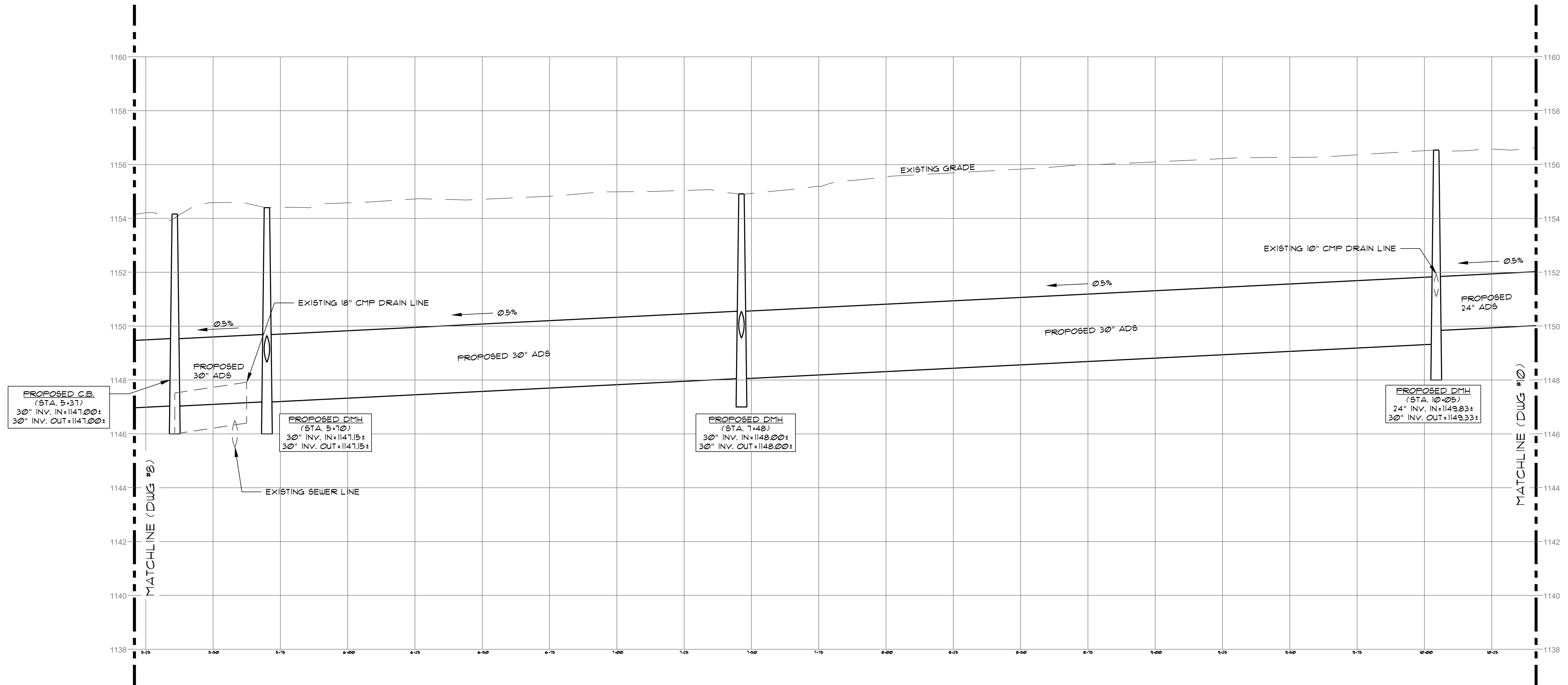


PROFILE

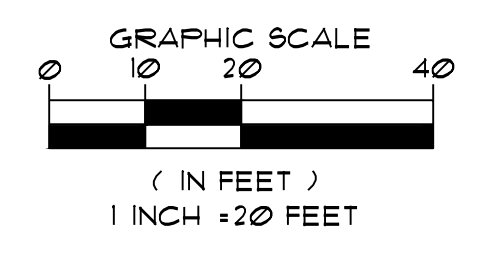
SK DESIGN GROUP PROJECT #:
200044



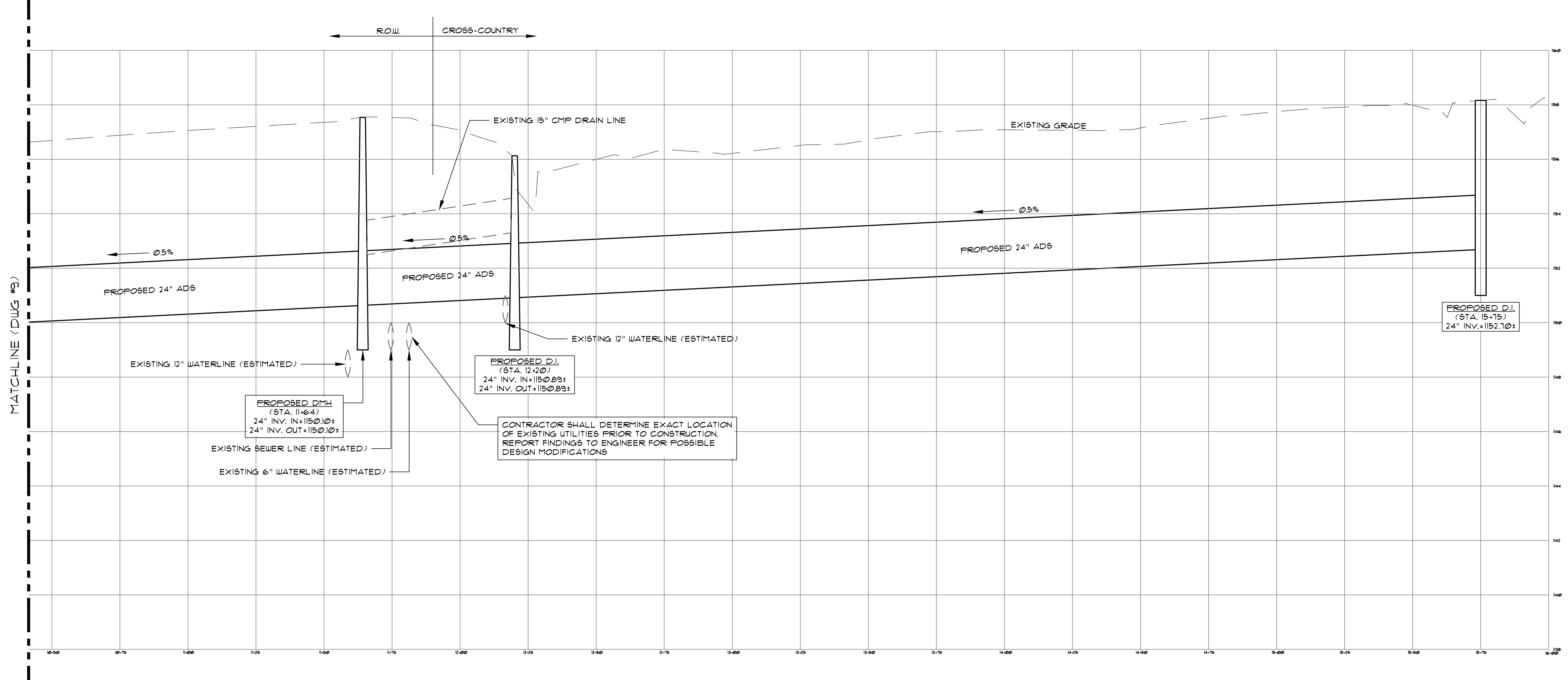
REVISION:	
DRAWN BY:	CHEKED BY:
BWR	JMS II
ORIG. DATE:	SHEET NO.:
OCT. 9, 2024	9
ISSUED FOR:	OF
PERMIT	11
SCALE:	AS NOTED



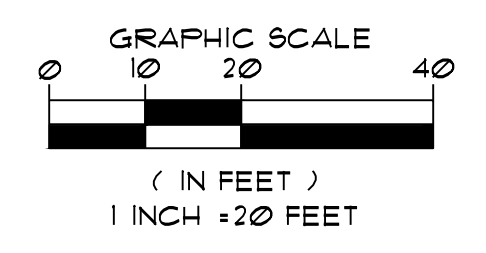
1 PROFILE
 SCALE: 1" = 20' HORIZ., 1" = 2' VERT.



C:\SK DESIGN GROUP\2020\200044 Town of Dalton - Pease Ave. drainage improvements\Drawings\Construction\200044 SITE (10-3-24).dwg
 User Name: BWR
 Date: October 16, 2024 8:12am



1 PROFILE
SCALE: 1" = 20' HORIZ., 1" = 2' VERT.



CONSTRUCTION DRAWINGS
PREPARED FOR:
TOWN OF DALTON
LOCATED AT:
ORCHARD ROAD / PEASE AVENUE
DALTON, MASSACHUSETTS

Design Group, Inc.
Civil Engineers * Surveyors * Consultants
2 FERBERO DRIVE * PITTSFIELD, MASSACHUSETTS 01201 * (413) 443-3337

PLAN DESCRIPTION:
PROFILE

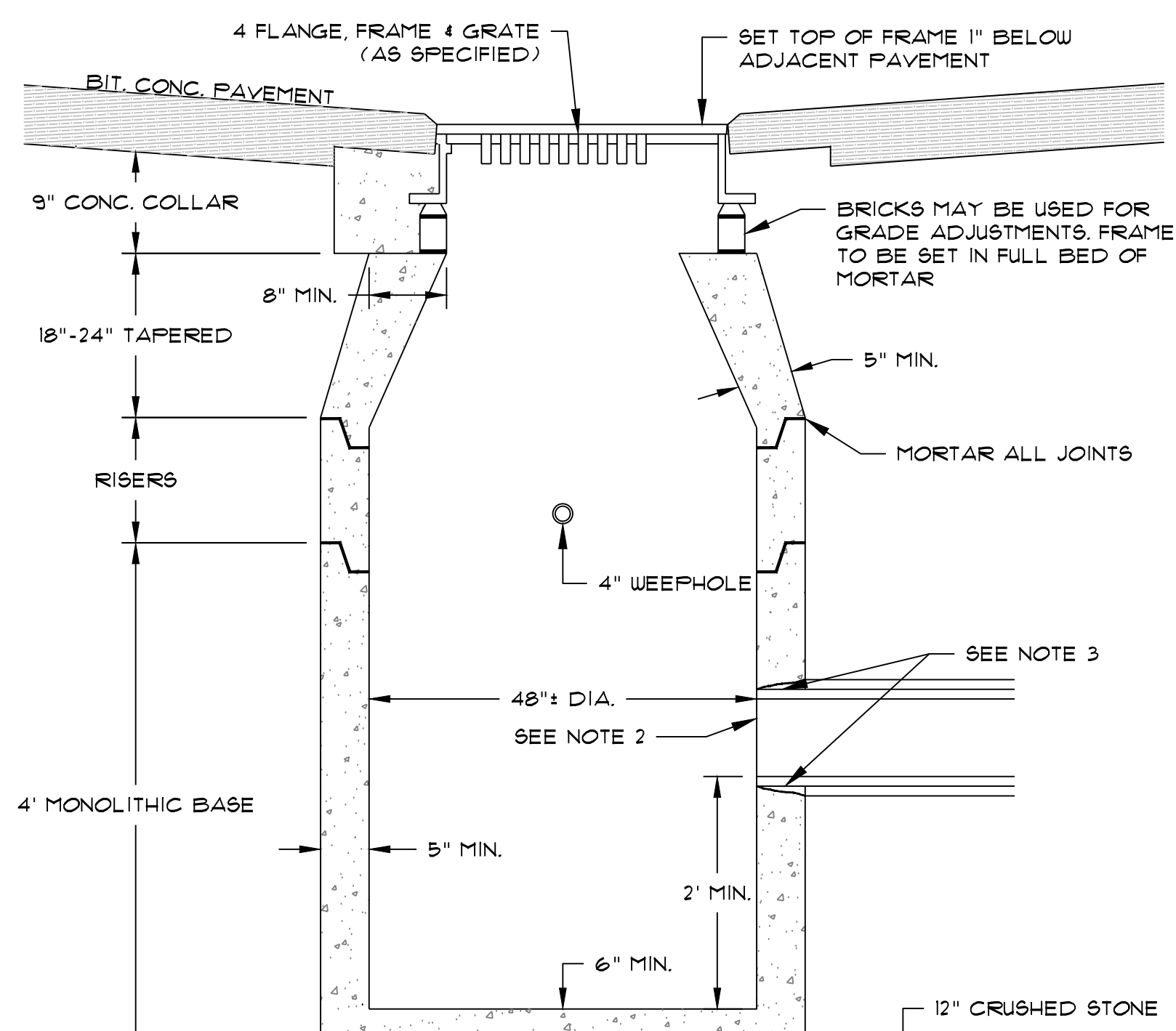
SK DESIGN GROUP PROJECT #:
200044

JAMES M. SCAUSE II
SK DESIGN GROUP PRESIDENT
LICENSE #30983
PROFESSIONAL OF RECORD
PHONE: 413-443-3337

REVISION:	

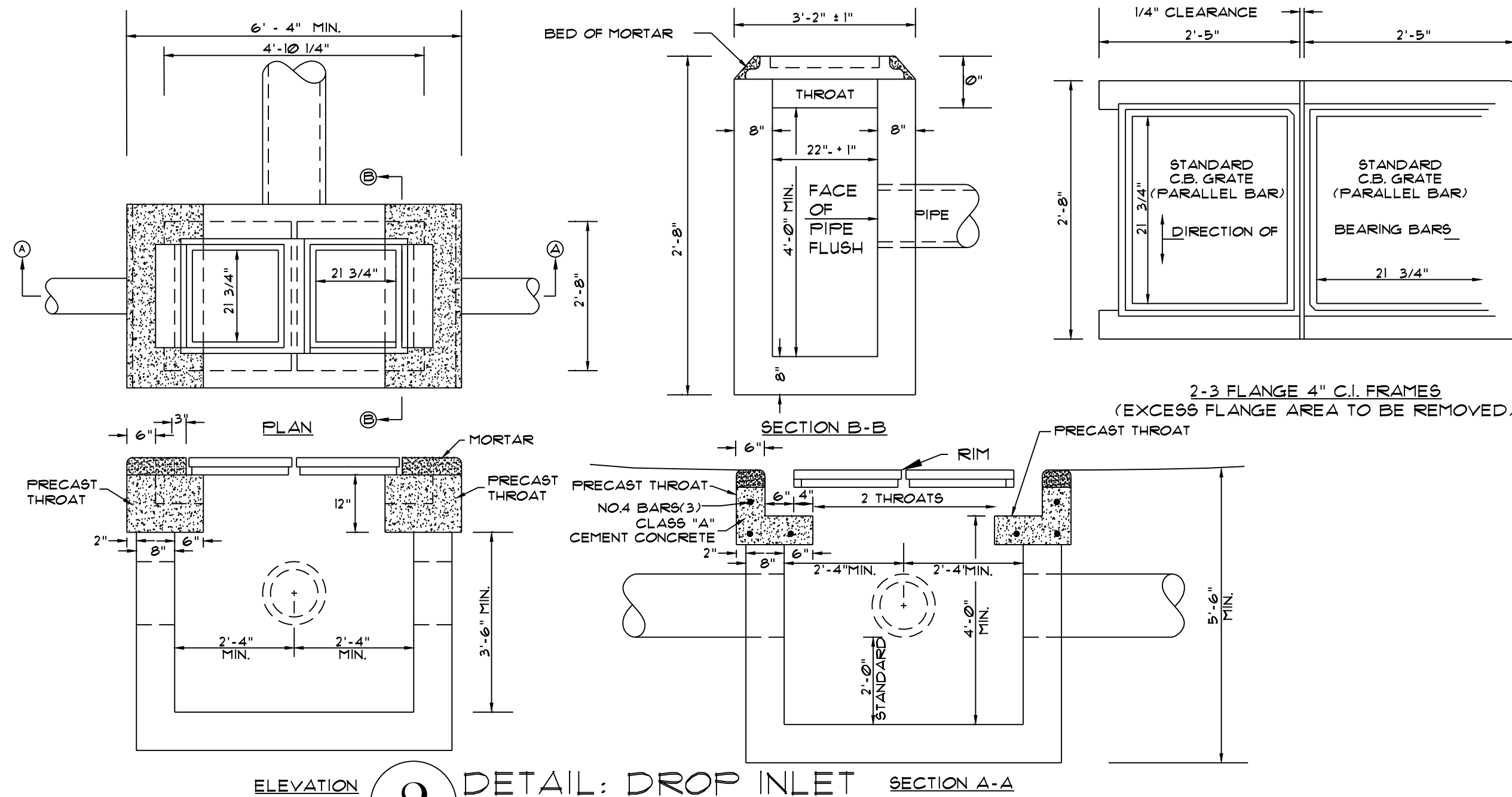
DRAWN BY: BWR	CHECKED BY: JMS II
ORIG. DATE: OCT. 9, 2024	SHEET NO. 10
ISSUED FOR: PERMIT	OF 11
SCALE: AS NOTED	

C:\SK DESIGN GROUP\2020\200044 Town of Dalton - Pease Ave. drainage improvements\Drawings\Construction\200044 SITE (10-3-24).dwg
User Name: BRW0407
Date: 10/16/2024 8:12am



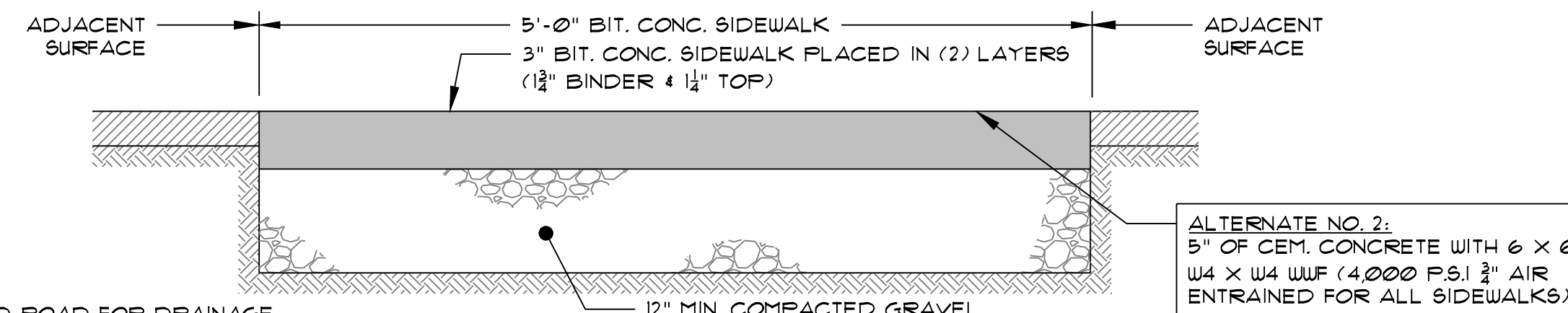
- NOTES:
- FOR EXTRA DEPTH CATCH BASINS, USE RISER SECTIONS 1' TO 4' HEIGHT AS REQ'D. FOR SHALL CATCH BASINS, SUBSTITUTE SLAB TOP FOR TAPER TOP.
 - FACE OF PIPE FLUSH, OR NOT TO PROJECT MORE THAN 4" FROM FACE OF WALL ALONG CENTERLINE OF PIPE.
 - CONNECTION TO BE MORTARED COLLAR OR RUBBER BOOT. SEE SPECIFICATIONS

1 DETAIL: CATCH BASIN
SCALE: N.T.S.

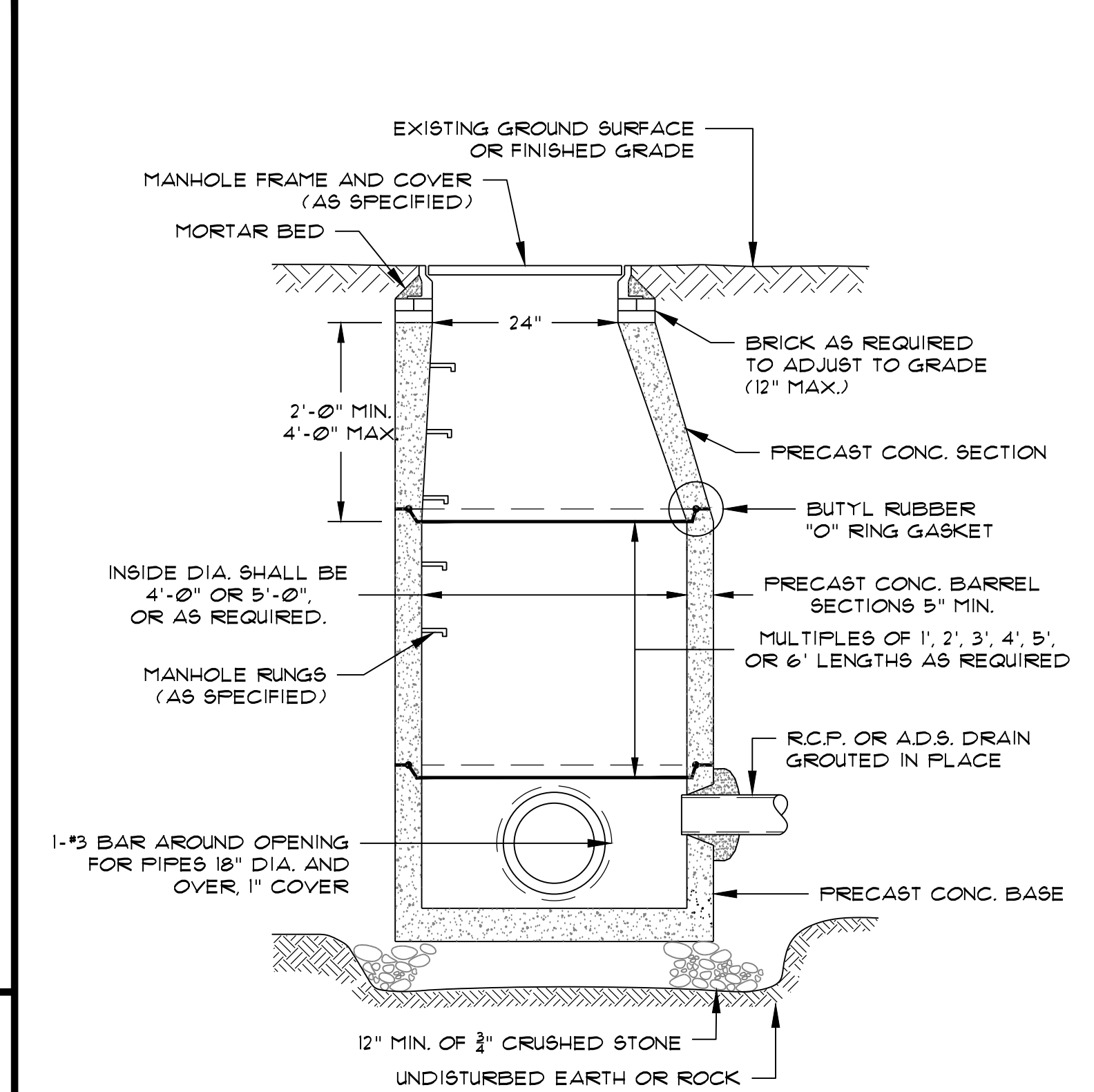


- NOTES:
- PITCH 1.5% TOWARD ROAD FOR DRAINAGE.
 - 7.5% MAX. SLOPE @ DRIVEWAYS & STREET CROSSINGS.

2 DETAIL: DROP INLET
SCALE: N.T.S.

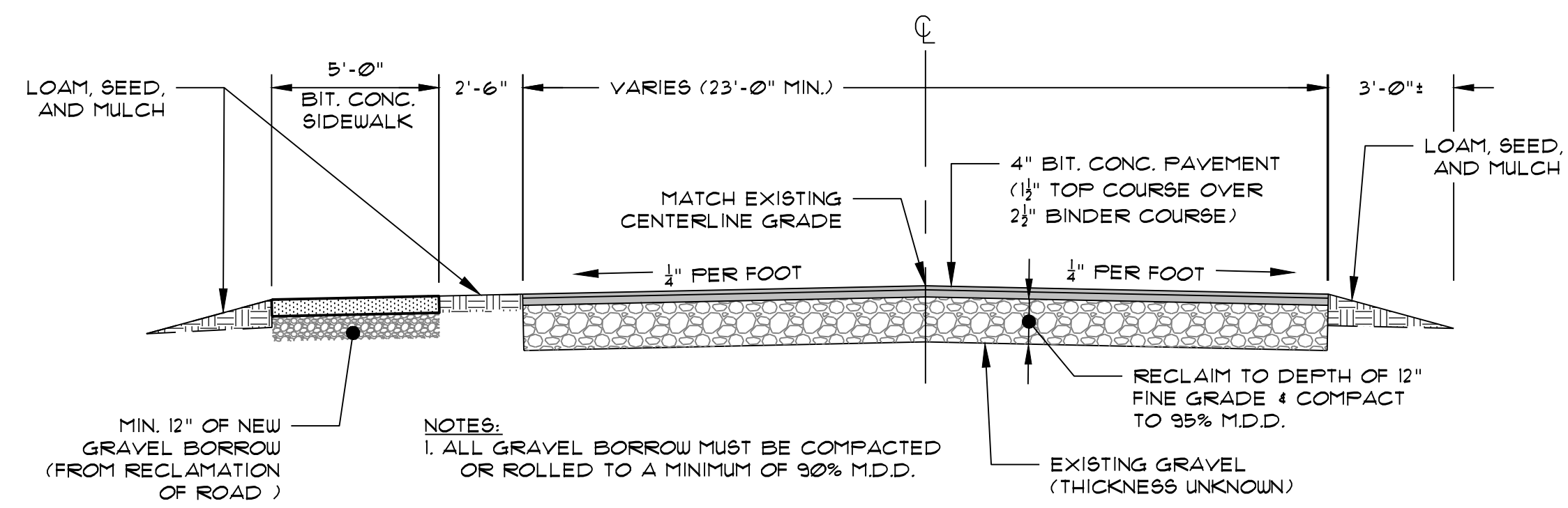


3 DETAIL: TYPICAL BIT. CONC. SIDEWALK
SCALE: N.T.S.



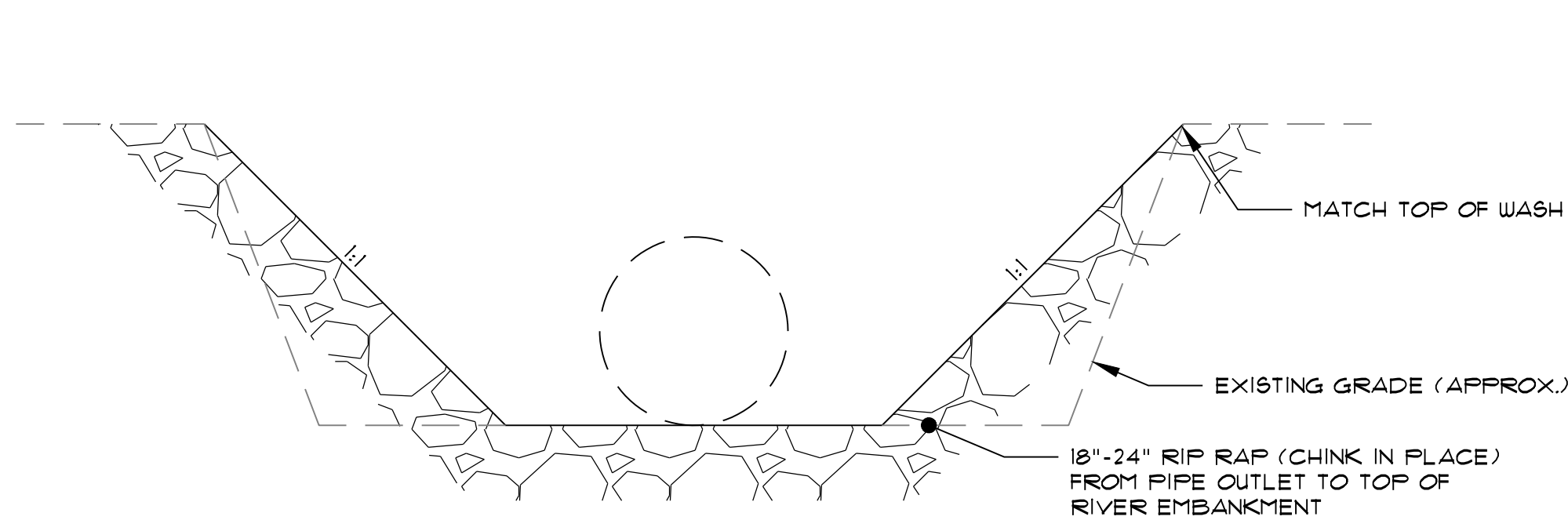
- NOTE:
- ALL PIECES TO BE DESIGNED FOR H-20 LOADING PLUS EARTH LOAD MINIMUM

4 DETAIL: PRECAST DRAIN MANHOLE
SCALE: N.T.S.

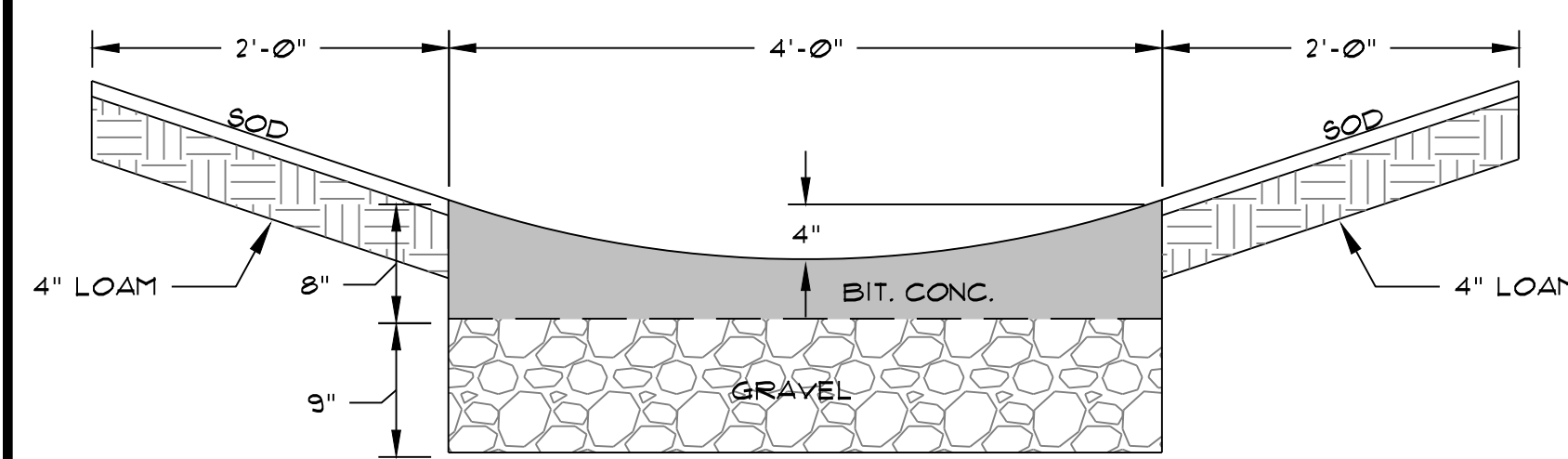


- NOTES:
- ALL GRAVEL BORROW MUST BE COMPACTED OR ROLLED TO A MINIMUM OF 92% M.D.D.

5 SECTION: ROAD RECONSTRUCTION
SCALE: N.T.S.

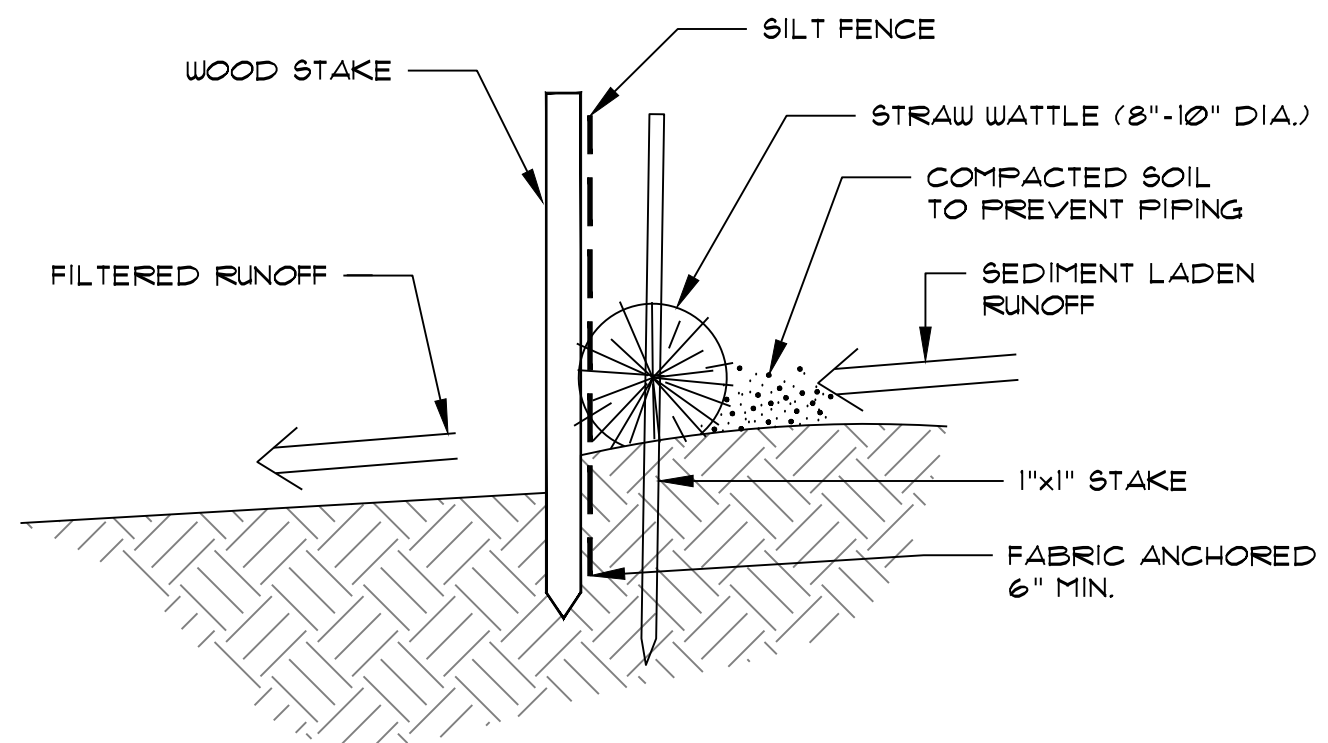


6 DETAIL: RIP RAP OUTLET
SCALE: 1" = 2'

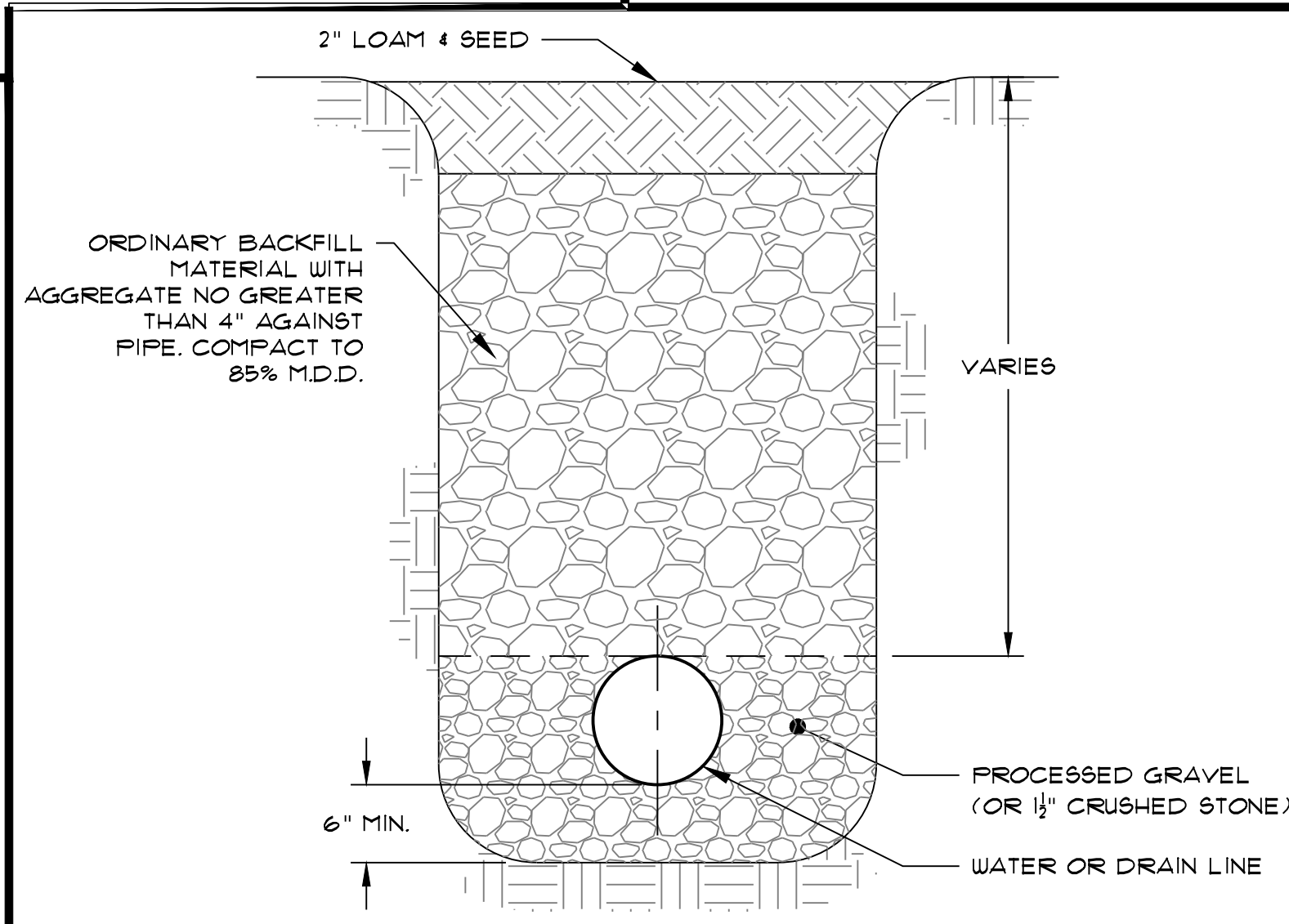


7 DETAIL: PAVED WATERWAY
SCALE: 1" = 1'

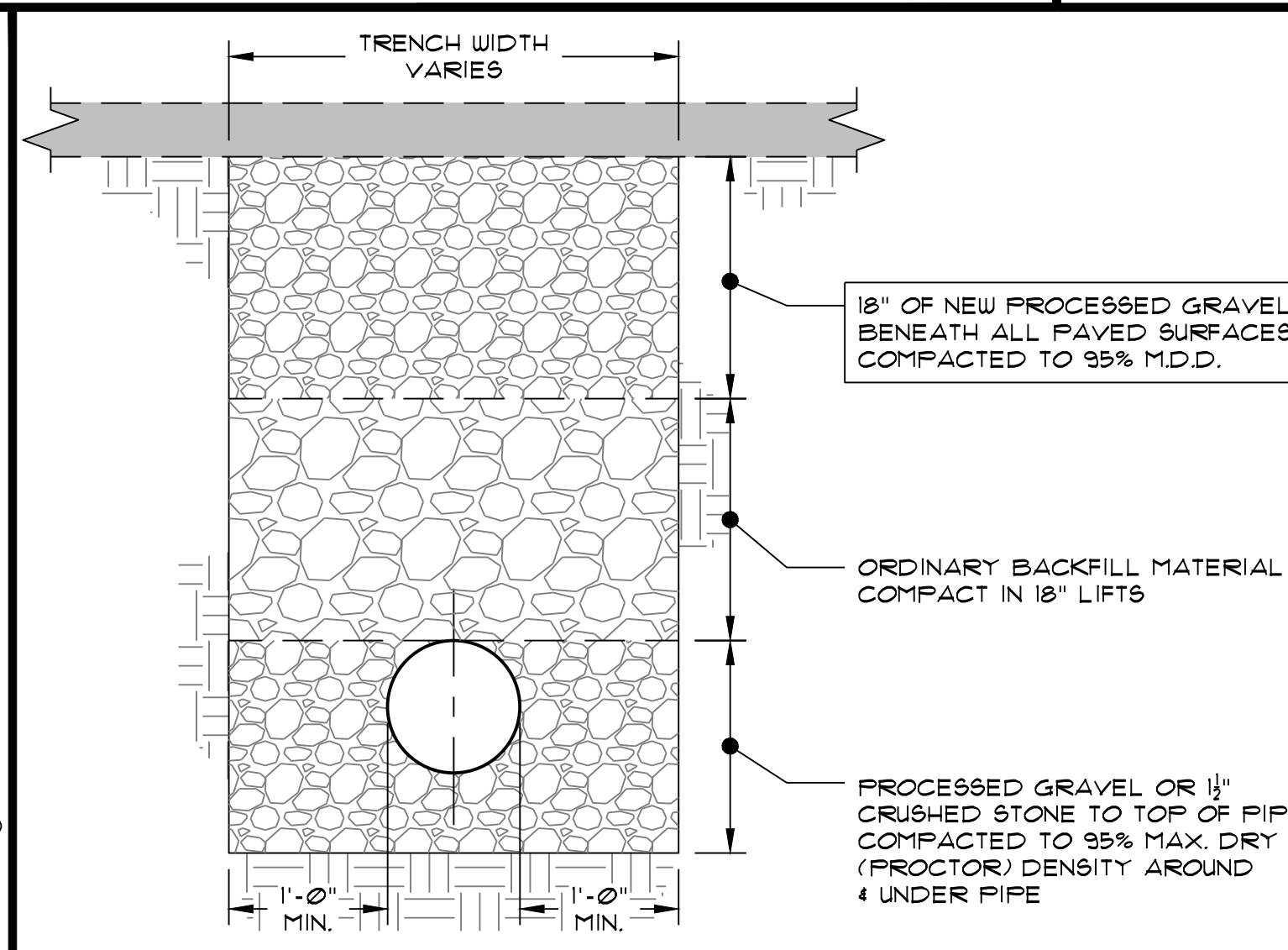
- NOTE:
- STRAW WATTLE INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.



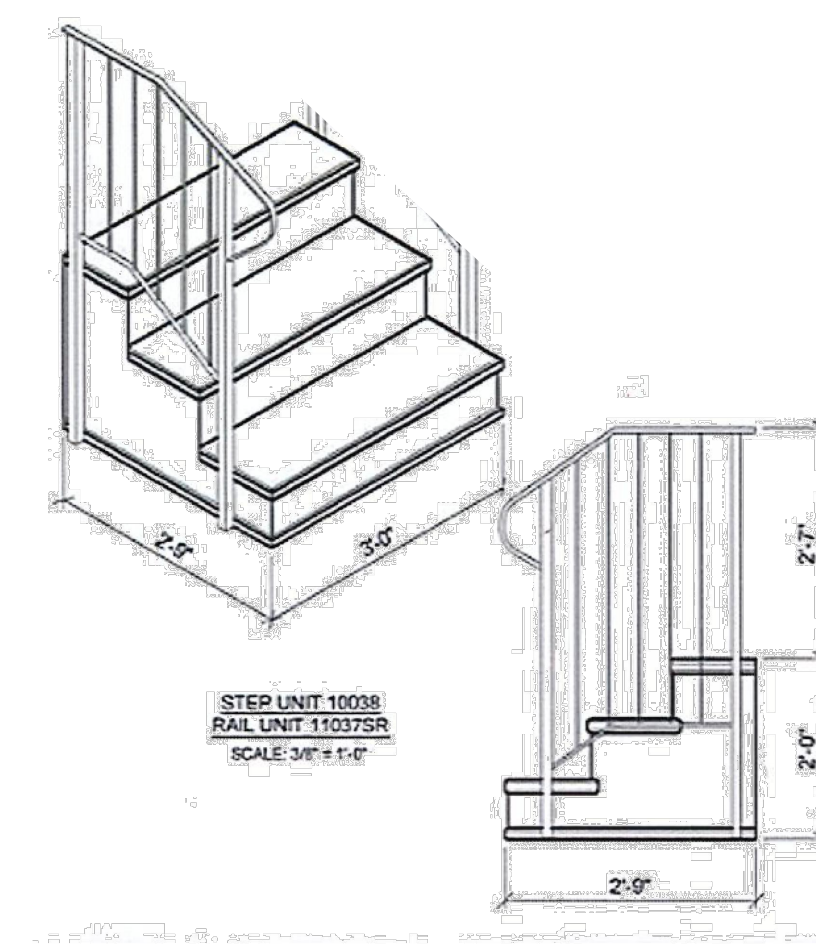
8 DETAIL: STANDARD EROSION BARRIER
SCALE: N.T.S.



9 DETAIL: TRENCH DETAIL (CROSS-COUNTRY)
SCALE: N.T.S.



10 DETAIL: TRENCH DETAIL (UNDER PAVED SURFACES)
SCALE: N.T.S.



11 STAIR DETAIL
SCALE: N.T.S.