

CIVIL ENGINEERING • SURVEYING • LANDSCAPE ARCHITECTURE

Natural Resource Protection Act Permit Application Fallbrook Commons

Prepared for Fallbrook Commons, LLC P.O. Box 110 Portland, ME 04112

Prepared by Sebago Technics 75 John Roberts Rd. South Portland, ME 04106

> November 2019 18347

75 John Roberts Road - Suite 4A, South Portland, ME 04106-6963 • 207-200-2100 • Fax: 207-856-2206

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NRPA Tier 2 Application/Signature Page

FOR DEP U	SE
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Total Fees:

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Date: Received

Telephone: 207-287-7688 **APPLICATION FOR A NATURAL RESOURCES PROTECTION ACT PERMIT** → PLEASE TYPE OR PRINT IN BLACK INK ONLY

1. Name of Applicant:	Fallbrook Commons, LLC				5.Name of Agent: Sebago Technics, Inc/Daniel Danver				iel Danvers					
2. Applicant's Mailing Address:	P.O. Box 110 Portland, ME_04112				6. Agent's Mailing Address:				75 John Roberts Road, Suite 4A South Portland, ME 04106					
3. Applicant's Daytime Phone #:		7-233-	8665				Phone	7. Agent's Daytime Phone #: 207-200-2125			25			
4. Applicant's Email A (Required from <i>either</i> or agent):			dmaguire	@sandyriver2.com			8. Agent'	s Ema	il Addre	e ss: d	danver	s@seb	agotecl	nnics.com
9. Location of Activity (Nearest Road, Street,		Ray	Street/Mer	rvmeenna Drive			10. Town:	Por	tland	11. County: Cumberland			erland	
12. Type of Resource: (Check all that apply)	 River, stream or bro Great Pond Coastal Wetland Freshwater Wetland Wetland Special Significant Wildlife Significant Wildlife 			id ignificance		13. Name of Resource: 14. Amount of Impact: (Sq.Ft.)		un-	un-named Fill: 37,787 s.f. Dredging/Veg Removal/Other:			/al/Other:		
15. Type of Wetland: (Check all that apply)	 Fragile Mountain Forested Scrub Shrub Emergent Wet Meadow Peatland Open Water Other 				D 5,	<i>Tier</i> - 4,999 000-9,9 0,000-1	sq ft. ⊠ 15,000 – 43,560 sq. ft. □ > 43,560 s 99 sq ft □ smaller tha					sq. ft. or an 43,560 not eligible		
16. Proposed Start Construction of a two-story, 58,197 sf senior care facility - construction start date of summer 2020 Date and Brief Activity Description: 17. Size of Lot or Parcel														
18. Title, Right or Inter	est:	🗆 ow	'n	🗆 lea	ase	🛙 puro	chase opti	on [⊐ writte	n agree	ment		-	
19. Deed Reference N		rs:	Book#: 275	501	Page:	183		p and	Lot Nu		Мар	#: 400		#: D23-001
21. DEP Staff Previous Contacted:	sly						22. Part project:	of a la		□ Yes ⊠ No	Afte Fac	er-the- t:	Y LO M	ïes No
23. Resubmission of Application?:	□ Ye ⊠ No		If yes, pre applicatio		5				Previo mana	ous proje ger:	ect		·	
24. Written Notice of Violation?:	□ Ye ⊠ No		If yes, na enforceme			olved:				25		ious W ration:	letland	□ Yes ⊠ No
26. Detailed Directions to the Project Site: From Canco Road - turn left onto Washington Ave - right onto Ray Street. Follow Ray Street past Maine Ave, until the intersection of Ray Street and Merrymeeting Dr. The parcel is on the left.														
27. TIER														
27. TIER 1 TIER 2/3 AND INDIVIDUAL PERMITS □ Title, right or interest documentation Image: Topographic Map Image: Topog					chment 3), if nent 4), if quired er to MHPC									
28. FEES Amount End			\$ 1292.32	2										
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PAGE 2

<u>IMPORTANT</u>: IF THE SIGNATURE BELOW IS NOT THE APPLICANT'S SIGNATURE, ATTACH LETTER OF AGENT AUTHORIZATION SIGNED BY THE APPLICANT.

By signing below the applicant (or authorized agent), certifies that he or she has read and understood the following :

DEP SIGNATORY REQUIREMENT

PRIVACY ACT STATEMENT

Authority: 33 USC 401, Section 10; 1413, Section 404. Principal Purpose: These laws require permits authorizing activities in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters. Disclosure: Disclosure of requested information is voluntary. If information is not provided, however, the permit application cannot be processed nor a permit be issued.

CORPS SIGNATORY REQUIREMENT

USC Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry shall be fines not more than \$10,000 or imprisoned not more than five years or both. I authorize the Corps to enter the property that is subject to this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein.

DEP SIGNATORY REQUIREMENT

"I certify under penalty of law that I have personally examined the information submitted in this document and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I authorize the Department to enter the property that is the subject of this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Further, I hereby authorize the DEP to send me an electronically signed decision on the license I am applying for with this application by emailing the decision to the address located on the front page of this application (see #4 for the applicant and #8 for the agent)."

SIGNATURE OF AGENT/APPLICANT

NOTE: Any changes in activity plans must be submitted to the DEP and the Corps in writing and must be approved by both agencies prior to implementation. Failure to do so may result in enforcement action and/or the removal of the unapproved changes to the activity.

Date:

(pink)

В

Corporate Status



Corporate Name Search

Information Summary

Subscriber activity report

This record contains information from the CEC database and is accurate as of: Tue Nov 12 2019 13:38:02. Please print or save for your records.

Legal Name	Charter Number	Filing Type	Status
FALLBROOK COMMONS DEVELOPMENT LLC	20200861DC	LIMITED LIABILITY COMPANY (DOMESTIC)	GOOD STANDING
Filing Date	Expiration Date	Jurisdiction	
08/12/2019	N/A	MAINE	
Other Names		(A=Assumed ; F=Fo	ormer)

NONE

Clerk/Registered Agent

JAMES N. BRODER, ESQ. C/O BERNSTEIN SHUR P.O. BOX 9729 PORTLAND, ME 04104 5029

Back to previous screen

New Search

Click on a link to obtain additional information.

List of Filings	View list of filings				
Obtain additional information:					
Additional Addresses	<u>Plain Copy</u>	Certified copy			
Certificate of Existence (more info)	Short Form without amendments (\$30.00)	Long Form with amendments (\$30.00)			

С

Notice of Intent to File

Public Notice Notice of Intent to File

Please take notice that Fallbrook Senior Care Development, LLC is intending to file a Natural Resource Protection Act and an amended Site Location of Development Act permit application with the Maine Department of Environmental Protection pursuant to the provisions of 38 M.R.S.A. §§ 480-A thru 480-BB and §§ 481 thru 490 on or about November 13, 2019.

The applicant is proposing to construct a new two-story 58,197 s.f. senior care facility. Improvements will result in approximately 37,787 s.f of wetland impacts, the creation of approximately 2.7 acres of new impervious surface, and 5.6 acres of developed area.

A request for a public hearing or a request that the Board of Environmental Protection assume jurisdiction over this application must be received by the Department in writing, no later than 20 days after the application is found by the Department to be complete and is accepted for processing. A public hearing may or may not be held at the discretion of the Commissioner or Board of Environmental Protection. Public comment on the application will be accepted throughout the processing of the application.

The application will be filed for public inspection at the Department of Environmental Protection's office in Portland during normal working hours. A copy of the application may also be seen at the City of Portland municipal offices.

Written public comments may be sent to the Southern Maine Regional Office in Portland at MDEP, Southern Maine Regional Office, 312 Canco Road, Portland, Maine 04103 where the application is filed for public inspection.

D

Public Notice Certification Abutter List Certified Mail Receipts DUNCAN JORDAN TYLER & KATHERINE ELISE DUNCAN JTS 365 RAY ST PORTLAND ME 04103

PARADIS WILLIAM M & SARAH C PARADIS JTS 355 RAY ST PORTLAND ME 04103

KWIECIEN STANISLAW 343 RAY ST PORTLAND ME 04103

SMITH JASON D & LAURIE R SMITH JTS 354 RAY ST PORTLAND ME 04103

MORGAN DEBORA D 352 RAY ST PORTLAND ME 04103

MOODY GLADYS A 344 RAY ST PORTLAND ME 04103

WEBB MARILYN D 340 RAY ST PORTLAND ME 04103

SCHOLZ JOHN M 334 RAY ST PORTLAND ME 04103

HILTZ JAIME L 11 BUNKER HILL TER SCARBOROUGH ME 04074

DIPIETRO DAVID 326 RAY ST PORTLAND ME 04103 KHUU HON 316 RAY ST PORTLAND ME 04103

REGAN BRENDAN S 114 FLORIDA AVE PORTLAND ME 04103

CHRISTIAN SABRINA KATHRYN 110 FLORIDA AVE PORTLAND ME 04103

PACKARD MARY A & AMANDA M & ALICIA L PACKARD 106 FLORIDA AVE PORTLAND ME 04103

HASSON HAYLEE E 100 FLORIDA AVE PORTLAND ME 04103

CARR HILARY 96 FLORIDA AVE PORTLAND ME 04103

URBACH PAULA M 92 FLORIDA AVE PORTLAND ME 04103

HOUSEAL IAN P 86 FLORIDA AVE PORTLAND ME 04103

GARCIA LUIS O & MONICA M GARCIA JTS 80 FLORIDA AVE PORTLAND ME 04103 ANDERSON MATTHEW A 76 FLORIDA AVE PORTLAND ME 04103

YORK MEGAN T & JONATHAN A YORK JTS 72 FLORIDA AVE PORTLAND ME 04103

BORLAWSKY JOY M & MICHAEL J SR 62 FLORIDA AVE PORTLAND ME 04103

HAYES JEFFREY A TRUSTEE 21 MARTIN AVE SCARBOROUGH ME 04074

JUDKINS BERTHA L 127 PINE TREE LN FARMINGTON ME 04938

HOUSE OF HOGWARTS LLC 86 CRAIGIE ST PORTLAND ME 04102

COOMBS PATRICIA L 459 ALLEN AVE APT 24 PORTLAND ME 04103

MCDONALD PATRICIA A & CATHERINE E MCDONALD 368 RAY ST PORTLAND ME 04103

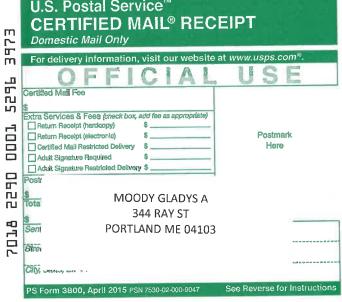
DONOVAN ROBYN J & TIMOTHY P DONOVAN JTS 378 RAY ST PORTLAND ME 04103 SNOW CORY & SHEILA J SULLIVAN JTS 398 RAY ST PORTLAND ME 04103

JOHNSON RONALD S & LINDA J JTS 26 MERRYMEETING DR PORTLAND ME 04103

DOUGHTY BEN HILTON & CAROL N DOUGHTY JTS 54 FLORIDA AVE PORTLAND ME 04103







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Agent Authorization

Attachment 1

Project Description, Wetlands Memo

Project Description

The project includes a new 90-bed licensed nursing care center located next to Fallbrook Woods assisted living facility. The campus approach will allow visitors to access both facilities, provide a seamless transfer for assisted living residents that might need nursing care services, and allow an opportunity for shared support services and management. The development includes the construction of a two story, 58,197 sf building that will include three separate "neighborhoods" within the building with a shared commercial kitchen, community areas, and two parking areas totaling 92 parking spaces. Fallbrook Commons proposes a main entrance off Ray Street, and an emergency connection to Merrymeeting Drive.

This project will happen as one phase, which will involve clearing the incidental vegetation, ledge removal, and site preparations for the building, and stormwater BMP's. Construction is expected to commence Summer 2020 and be completed by late 2021.



Memorandum

18347To: Kylie Mason

From: Mike Jakubowski

Date: May 14, 2019

Subject: #18347 – Fallbrook

The wetlands on this site were delineated by Gary Fullerton and Mike Jakubowski of Sebago Technics, Inc. in September of 2018. This delineation conforms to the standards and methods outlined in the 1987 Wetlands Delineation Manual and Regional Supplement authored and published by the U.S. Army Corps of Engineers. The wetlands were marked in the field with alpha numeric pink "wetland delineation" flagging. The flags were then located using a Trimble gps backpack unit capable of decimeter accuracy.

Wetlands found are classified as forested wetlands (PFO). The vegetation in these PFO wetlands primarily consists of, maple (*Acer spp.*), speckled alder (*Alnus incana*), cinnamon fern (*Osmundastrum cinnamomeum*), sensitive fern (*Onoclea sensibilis*), and jewelweed (*Impatiens capensis*). Upland vegetation primarily consists of white pine (*Pinus strobus*) and red oak (*Quercus rubra*).

A vernal pool survey was conducted on May 6th, 2019. No vernal pools were identified on the property. There has been no field determination for streams and it is not suspected that there are streams present on this property.



Photograph 1. PFO wetland at western extent of project boundary.



Photograph 2. PFO wetland at eastern extent of project boundary.



Photograph 3. PFO wetland at eastern extent of project boundary.



Photograph 4. PFO wetland at eastern extent of project boundary, near access road.

MDEP NRPA APPLICATION

Alternative Analysis

Attachment 2

FALLBROOK COMMONS TIER 2 NRPA PERMIT

ALTERNATIVES ANALYSIS, AVOIDANCE AND MINIMIZATION

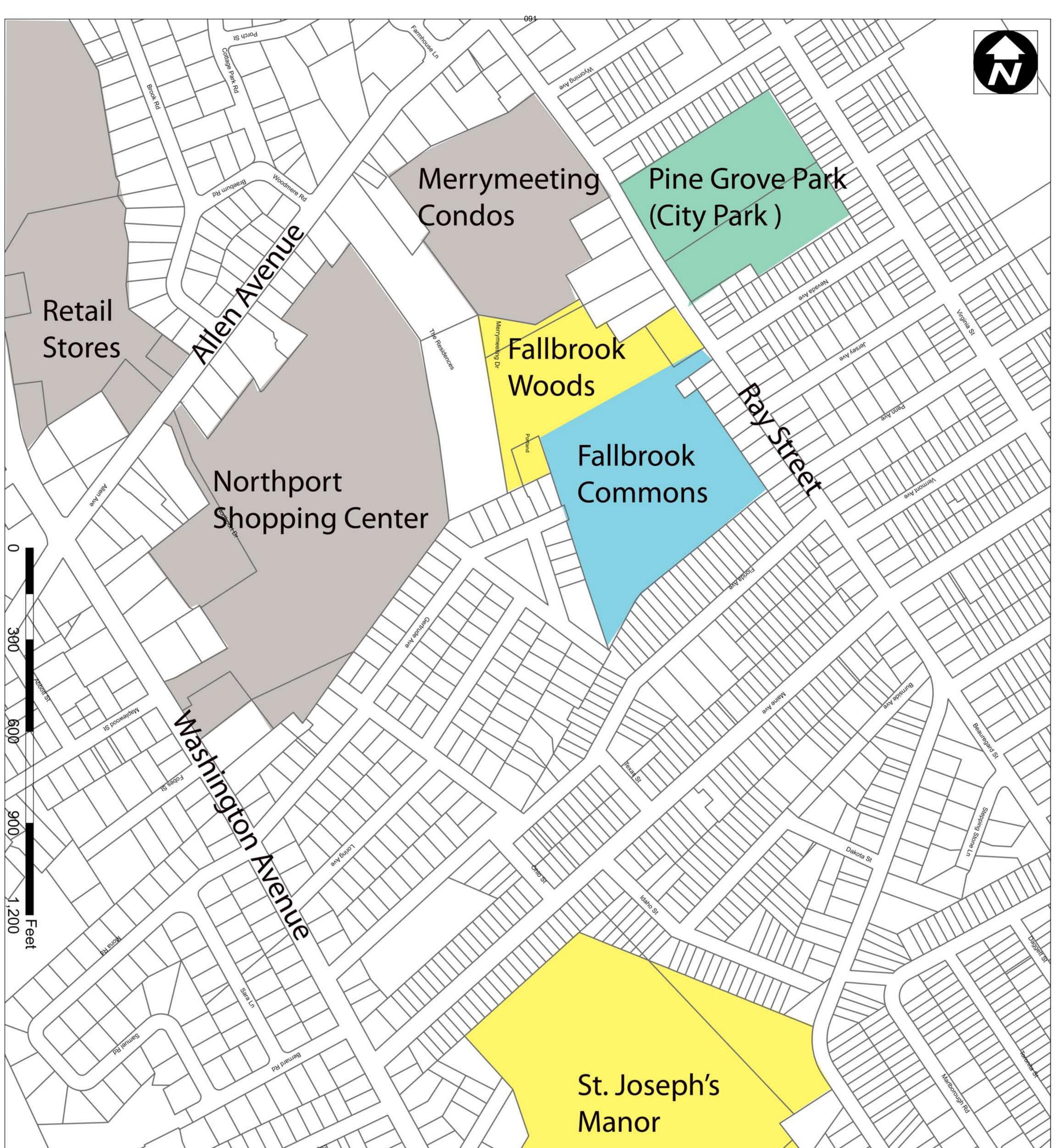
- Purpose and Need The sole purpose of the Fallbrook Commons project is to replace the existing St. Joseph's Manor elderly care facility located on Washington Avenue. St. Joseph's Manor will be closing as the building is aged and does not meet the standards of today's elderly care standards.
- Search for Available Sites The Fallbrook Commons building accommodate 90 resident beds and the building and site improvements require approximately 6 acres of undeveloped property. The applicant searched for available sites of that size in the nearby vicinity of St. Joseph's Manor. The search area was limited to the vicinity of St. Joseph's, as this is very important to family members who currently visit elderly care residents.

The only site available is the site selected for the project. See the attached AREA CONTEXT MAP – most of the parcels in the vicinity are small single family homes, others are established retail centers and one City park.

- Alternative 1 Do nothing. This alternative is not practical as the purpose and need of the project would not be met.
- Alternative 2- Build the new facility on the existing St. Joseph's Manor property. This alternative is not possible, the applicant does not own the site, and the property owner does not wish to have a replacement building constructed on its property.
- Alternative 3 Build the new facility on the selected site as a single story structure. This
 alternative is the most attractive alternative to the applicant. The new facility is ideally located
 adjacent to Fallbrook Woods, an existing elderly care facility. The two buildings provide
 different levels of care and will share management resources. It is anticipated that residents
 may transfer from one facility to the other, and that some families will have a relative at both
 buildings. A single story building is preferred for elderly care facilities, as it affords residents easy
 access to outdoor garden areas and courtyards.

While Alternative 3 is the most attractive alternative, the applicant has also considered Alternative 4.

- Alternative 4 Build the new facility on the selected site, however, incorporate a second floor on a portion of the building. The purpose of this alternative is to reduce the building footprint and lessen the area of wetland impacts. A modest sized courtyard will be available to residents on the second level. This alternative removes one acre of wetland impact.
- Avoidance The applicant has selected to move forward with Alternative 4, with a wetland impact of 37, 787 square feet. By locating the proposed building and parking areas to the greatest extent possible on upland areas, the avoidance criteria is met.
- Minimization The applicant has met the minimization standard in two ways
 - Incorporating a second story, reducing the building footprint and wetland impacts.
 - Incorporating 2:1 fill slopes and retaining walls, reducing wetland impacts.

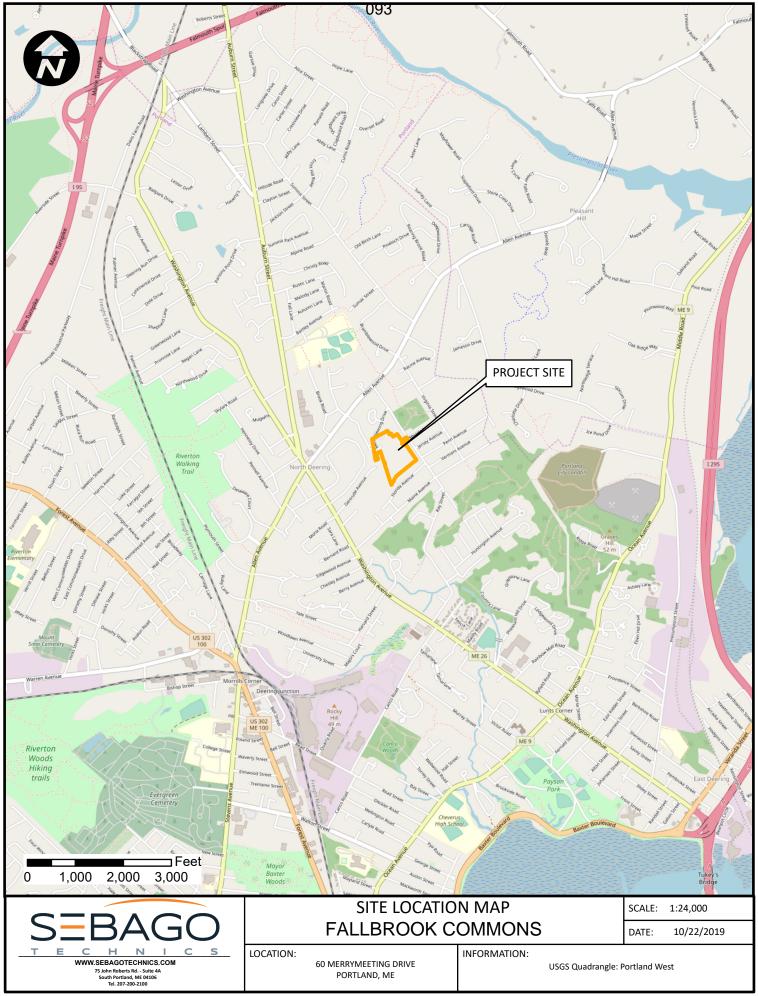




AREA CONTEXT PLAN -VICINITY OF ST. JOSEPH'S MANOR

Attachment 3

Location Map



Attachment 4

Right, Title and/or Interest

AGREEMENT FOR PURCHASE AND SALE OF REAL ESTATE

AGREEMENT ("Agreement") made and entered into this 28th day of August, 2019, by and between Fallbrook Properties, LLC, a Maine corporation ("Seller"), having a mailing address of 60 Merrymeeting Drive, Portland, Maine 04013 and Fallbrook Care Development LLC, a Maine corporation with an address of PO Box 110, Portland, Maine 04112 or its assigns ("Buyer").

RECITALS

Seller is party to a Memorandum of Agreement relating to a project that entails the conveyances by Seller to a Joint Venture of real property (two land parcels) located adjacent to Fallbrook Woods in Portland, Maine, and the use of such assets by Buyer to develop, build and operate a new assisted living facility. This Agreement for the Purchase and Sale of Real Estate is contemplated by the Memorandum of Agreement., Joint Venture, dates August 28, 2019.

In consideration of the mutual covenants and agreements herein contained herein, the receipt and sufficiency of which are hereby acknowledged, Seller and Buyer hereby agree as follows:

- 1. <u>PURCHASE AND SALE</u>. Seller agrees to sell, and Buyer agrees to buy, on the terms and conditions hereinafter set forth certain real estate, and all appurtenances thereof, consisting of two parcels of real estate shown for illustration purposes in the diagram attached as <u>Exhibit A</u>. Copies of the legal descriptions to be used in conveying the Property are annexed hereto and incorporated herein by reference as <u>Exhibit A</u> (collectively to be referred to as the "Property").
- 2. <u>PURCHASE PRICE AND DEPOSIT</u>: As consideration for the conveyance of the Property, Buyer shall pay to Seller at Closing the sum of \$800,000.
- 3. <u>PERFORMANCE AT CLOSING</u>: At Closing, Seller shall deliver to Buyer a deed, conveying the Property in fee simple with good and marketable title in accordance with standards of title adopted by the Maine Bar Association, and subject to the Permitted Encumbrances, and Buyer shall pay the Purchase Price as provided herein and execute all necessary papers for the completion of the purchase on or before August 30, 2020, unless extended by mutual agreement of the parties.

period, not to exceed 30 days from the time Seller receives written notice of the defect, unless otherwise agreed to by both parties, to remedy the title, after which time, if such defect is not corrected so that there is marketable title, Buyer may within forty-five (45) days thereafter, at Buyer's option, withdraw said earnest money and neither party shall have any further obligation hereunder. Seller hereby agrees to make a goodfaith effort to cure any title defect during such period, but shall not be obligated to expend more than \$5,000 to cure. If Closing of the real estate transaction is delayed on account of such defects, the parties shall bargain regarding whether and the terms under which the remainder of the closing contemplated under the Memorandum of Agreement may be consummated and this real estate transaction completed thereafter.

- b. Seller further agrees to execute and deliver to Buyer at Closing the following documents: (i) a Certificate of Non-Foreign Status (as required by Internal Revenue Service regulations); (ii) a title insurance "Seller's Affidavit" regarding mechanics liens and persons in possession; (iii) an affidavit regarding underground storage tanks (as required by Maine Law), and (iv) documents demonstrating Seller's authority to convey and good standing as evidenced by a copy of Seller's resolution authorizing the transaction contemplated herein and all other documents regarding authority or any other matter reasonably required from the Closing.
- c. To the extent that the conveyance of title to the Property to Buyer requires the subdivision of lots, Buyer shall bear the cost, or shall reimburse Seller, for the cost of any outside legal and surveyor expense reasonably necessary to secure such subdivision, including any necessary municipal or other approvals.

4. <u>DEED</u>: The Property shall be conveyed by a quitclaim with covenant deed and shall be free and clear of all encumbrances except for Permitted Encumbrances, and except for covenants, conditions, easements and restrictions of record and usual public utilities servicing the Property and shall be subject to applicable land use and building laws and regulations.

5. <u>POSSESSION/OCCUPANCY</u>: Possession/occupancy of Property shall be given to Buyer immediately at Closing unless otherwise agreed by both parties in writing.

6. <u>RISK OF LOSS</u>: Until transfer of title, the risk of loss or damage to said Property by fire or otherwise is assumed by Seller unless otherwise agreed in writing. Said Property shall at closing be in substantially the same condition as at present, excepting reasonable use and wear.

7. <u>PRORATIONS</u>: The following items shall be prorated as of the date of closing:

a. Buyer and Seller shall each pay one-half of the transfer tax as required by the laws of the State of Maine.

- b. Buyer and Seller shall reasonably cooperate on the proration of any other needed item at Closing. The property is vacant land, and so no heating oil or water and sewer charges are expected.
- c. Real Estate Taxes for any potions of the Property subject to such taxes, based on the municipality's current tax year.

8. <u>INSPECTION</u>. Buyer may enter into any part of the Property at all reasonable times in order to inspect the Property, conduct surveys, soil tests and engineering studies and to do such things as are reasonably necessary with respect to its acquisition and intended development of the Property. In the event that the Buyer does not terminate this Agreement, this inspection contingency to its obligation to close shall be conclusively deemed waived.

9. <u>AGENCY DISCLOSURE</u>: Buyer and Seller acknowledge that they have not engaged a real estate broker in their transaction.

10. <u>PRIOR STATEMENTS</u>: This Agreement and the referenced Memorandum of Agreement set forth the entire agreement between the parties relating to the conveyance of the property described in Exhibit A, and there are no other representations, agreements or understandings with respect to the subject matter of this Agreement.

11. <u>ASSIGNS</u>: This Agreement shall extend to and be obligatory upon successors, and assigns of the respective parties. This Agreement may be assigned only to persons or entities controlling, controlled by, or under common control of a party.

12. <u>COUNTERPARTS</u>: This Agreement may be signed on any number of identical counterparts, including telefax copies, with the same binding effect as if all of the signatures were on one instrument.

13. <u>BUYER'S NOMINEE</u>: Buyer may transfer its rights under this Agreement to an entity or the nominee which it controls. Buyer shall, however, remain jointly and severally liable with such transferee for all of Buyer's obligations under this Agreement and under the Memorandum of Agreement, and such transferee shall be required to assume joint and several liability for all such obligations. Buyer shall give Seller prompt written notice of any such transfer at least seven (7) days before the scheduled Closing, which notice shall include sufficient information to identify the transferee entity or nominee and certified copies of its organizational documents. No assignment shall be valid unless Seller has approved the agreement pursuant to which the assignment is consummated. No other assignment of this Agreement by Buyer is permitted.

14. <u>EFFECTIVE DATE</u>: This Agreement is a binding contract when signed by both Seller and Buyer and when that fact has been communicated to all parties or to their agents. Time is of the essence of this Agreement to the extent set forth in the Master Agreement.

15. <u>BEST EFFORTS</u>: Each of the parties shall undertake to take all reasonable steps necessary to achieve the satisfaction of conditions leading to a Closing under this Agreement.

16. <u>FACSIMILE COPIES</u>: All parties to this Agreement agree to accept facsimile or photocopies of this document and any signatures thereto as originals.

17. <u>REPRESENTATIONS OF SELLER</u>: Seller represents to Buyer that the following are true as of the date of this Agreement and will be true as of the Closing:

- a. To the best of Seller's knowledge, there are no violations of any applicable law, ordinance or regulation at the Property.
- b. To the best of Seller's knowledge, there are no special wastes, underground storage tanks, asbestos containing materials, waste oil, petroleum and any other hazardous substances, materials or wastes contaminating the Property. The terms used in the foregoing sentence shall include, without limitation, all substances, materials, etc., designated by such terms under any laws, ordinances, or regulations, whether federal, state, or local. This presentation shall except such materials used in the regular course of business and disposed of in compliance with all applicable laws.
- c. Other than matters of record that constitute Permitted Encumbrances, there are no outstanding pending or threatened liens, claims, rights of first refusal, or encumbrances against the Property.

18. <u>NOTICES</u>. Any notice or communication given pursuant to this Agreement by either of the parties to the other shall be in writing and delivered as provided in the Master Agreement for notices.

19. <u>GOVERNING LAW</u>. This Agreement shall be construed according to the laws of the State of Maine.

20. TERMINATION OF AGREEMENT. This Agreement shall terminate if:

a. The Memorandum of Agreement is terminated.

b. Any other condition precedent set forth in the Memorandum of Agreement required to be fulfilled is not fulfilled (or waived by the party having the waive such condition) by August 30, 2020.

The Memorandum of Agreement is terminated? ą,

Any other condition precedent set forth in the Memorandum of b. Agreement required to be fulfilled is not fulfilled (or waived by the party having the waive such condition) by August 30, 2020.

Seller acknowledges that the laws of the State of Maine provide that every buyer of real property located in Maine must withhold a withholding tax equal to 2-1/2% of the consideration unless Seller furnishes to Buyer a certificate by the Seller stating, under penalty of perjury, that Seller is a resident of Maine or the transfer is otherwise exempt from withholding.

tallbrock live Development U.C. Buyer Ħ

Signature #

Daniel MAGL Name/Title, there unto duly authorized

Member

Seller accepts Buyer's offer and agrees to deliver the Property at the price and upon the terms and conditions set forth above.

Signed this 20th day of Aucher 2019.

Seller FALLIBRION PROPERTY LIC Tax I.D. # 270433266

Signaturd

JOHN C. ORESTIS, PRINCIPAL SUMANAGING NGMBOR Name Title, there unto duly authorized

EXHIBIT A

(legal descriptions begin on next page)

100



Exhibit A

AGREEMENT FOR PURCHASE AND SALE OF REAL ESTATE

AGREEMENT ("Agreement") made and entered into this 28th day of August, 2019, by and between Fallbrook Properties, LLC, a Maine corporation ("Seller"), having a mailing address of 60 Merrymeeting Drive, Portland, Maine 04013 and Fallbrook Care Development LLC, a Maine corporation with an address of PO Box 110, Portland, Maine 04112 or its assigns ("Buyer").

RECITALS

Seller is party to a Memorandum of Agreement relating to a project that entails the conveyances by Seller to a Joint Venture of real property (two land parcels) located adjacent to Fallbrook Woods in Portland, Maine, and the use of such assets by Buyer to develop, build and operate a new assisted living facility. This Agreement for the Purchase and Sale of Real Estate is contemplated by the Memorandum of Agreement., Joint Venture, dates August 28, 2019.

In consideration of the mutual covenants and agreements herein contained herein, the receipt and sufficiency of which are hereby acknowledged, Seller and Buyer hereby agree as follows:

- 1. <u>PURCHASE AND SALE</u>. Seller agrees to sell, and Buyer agrees to buy, on the terms and conditions hereinafter set forth certain real estate, and all appurtenances thereof, consisting of a parcel of real estate shown for illustration purposes in the diagram attached as <u>Exhibit A</u>. Copies of the legal description to be used in conveying the Property are annexed hereto and also incorporated herein by reference as <u>Exhibit A</u> (collectively to be referred to as the "Property").
- 2. <u>PURCHASE PRICE AND DEPOSIT</u>: As consideration for the conveyance of the Property, Buyer shall pay to Seller at Closing the sum of \$800,000.
- 3. <u>PERFORMANCE AT CLOSING</u>: At Closing, Seller shall deliver to Buyer a deed, conveying the Property in fee simple with good and marketable title in accordance with standards of title adopted by the Maine Bar Association, and subject to the Permitted Encumbrances, and Buyer shall pay the Purchase Price as provided herein and execute all necessary papers for the completion of the purchase on or before August 30, 2020, unless extended by mutual agreement of the parties.

EXHIBIT A Proposed Description Parcel One

A certain lot or parcel of land situated on the westerly sideline of Ray Street in the City of Portland, County of Cumberland, State of Maine as depicted on a plan titled "Existing Conditions of Fallbrook Nursing Care, Merrymeeting Drive, Portland, Maine for Sandy River Company, 217 Commercial Street, Suite 201, Portland, Maine 04112, Record Owner Fallbrook Properties, LLC, 418 Ray Street, Portland Maine 04103" by Sebago Technics, Inc., dated May 30, 2019 and revised through July 10, 2019 to be recorded in the Cumberland County Registry of Deeds (CCRD) and being more particularity bounded and described as follows:

Beginning at a 5/8-inch rebar, 6-inches above grade on the westerly sideline of Ray Street and the northerly corner of land now or formerly of Amanda J. Connelly as described in a deed recorded in the CCRD in Book 34668, Page 155;

Thence S 54°32'18" W, along land now or formerly of Amanda J. Connelly and land now or formerly of Donald A. Thompson, Jr. and Evelyn L. Thompson JTS as described in a deed recorded in the CCRD in Book 6632, Page 99, a distance of 150.00 feet to a 5/8-inch iron rod, 8-inches above grade;

Thence S 35°27'42" E, along land now or formerly of Donald A. Thompson, Jr. and Evelyn L. Thompson JTS, a distance of 50.00 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence N 54°32'18" E, along land now or formerly of Donald A. Thompson, Jr. and Evelyn L. Thompson JTS, a distance of 50.00 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set at land now or formerly of Jason D. Smith and Laurie R. Smith JTS as described in a deed recorded in the CCRD in Book 32730, Page 23;

Thence S 35°27'42" E, along land now or formerly of Jason D. Smith and Laurie R. Smith JTS and land now or formerly of Debora D. Morgan as described in a deed recorded in the CCRD in Book 13636, Page 105, a distance of 72.78 feet to a point;

Thence S 34°40'07" E, along land now or formerly of Debora D. Morgan, Gladys A. Moody as described in a deed recorded in the CCRD in Book 32780, Page 65, Marilyn D. Webb as described in a deed recorded in the CCRD in Book 29023, Page 310, Anna J. Aiken and James W. Aiken JTS as described in a deed recorded in the CCRD in Book 25390, Page 8, John M. Scholz as described in a deed recorded in the CCRD in Book 10841, Page 202, Jaime L. Hiltz as described in a deed recorded in the CCRD in Book 2002, Jaime L. Hiltz as described in a deed recorded in the CCRD in Book 202, Jaime L. Hiltz as described in a deed recorded in the CCRD in Book 32054, Page 195, a distance of 333.24 feet to a 5/8-inch iron rod, 15-inches above grade at land now or formerly of Hon Khuu as described in a deed recorded in the CCRD in Book 32806, Page 341;

Thence S 54°36'33" W, along land now or formerly of Regan S. Brendan, a distance of 51.09 feet to a point;

Thence S 51°05'03" W, along land now or formerly of Regan S. Brendan, land now or formerly of Christian Sabrina Katheryn as described in a deed recorded in the CCRD in Book 32949, Page 39, land now or formerly of Mary A. Packard and Amanda M. Packard as described in a deed recorded in the CCRD in Book 10936, Page 100, land now or formerly of Haylee E. Hasson as described in a deed recorded in the CCRD in Book 33706, Page 89, land now or formerly of Hilary Carr as described in a deed recorded in the CCRD in Book 23976, Page 255, land now or formerly of Paula M. Urbach as described in a deed recorded in the CCRD in Book 31613, Page 621, land now or formerly of Ian P. Houseal as described in a deed recorded in the CCRD in Book 31613, Page 621, land now or formerly of Ian P. Houseal as described in a deed recorded in the CCRD in Book 31613, Page 621, land now or formerly of Ian P. Houseal as described in a deed recorded in the CCRD in Book 31613, Page 621, land now or formerly of Ian P. Houseal as described in a deed recorded in the CCRD in Book 30070, Page 164, land now or formerly of Luis O. Garcia and Monica M. Garcia JTS as described in a deed recorded in the CCRD in Book 30353, Page 291 and land now or formerly of Matthew A. Anderson as described in a deed recorded in the CCRD in Book 32380, Page 112, a distance of 481.12 feet to a 5/8-inch iron rod, 12-inches above grade;

Thence S 37°28'58" W, along land now or formerly of Matthew A. Anderson, a distance of 29.58 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence S 28°22'08" W, along land now or formerly of Matthew A. Anderson, land now or formerly of Megan T. and Jonathan A. York JTS as described in a deed recorded in the CCRD in Book 25317, Page 156 and land now or formerly of Joy M. and Michael J. Borlawsky as described in a deed recorded in the CCRD in Book 9606, Page 268, a distance of 186.45 feet;

Thence S 29°23'41" W, along land now or formerly of Joy M. and Michael J. Borlawsky, a distance of 20.45 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set at the centerline of the vacated Wadco Street as depicted on a Plan recorded at the CCRD in Plan Book 16, Page 29;

Thence N 54°10'52" W, through the vacated Wadco Street, a distance of 182.25 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence N 18°20'52" W, through the vacated Wadco Street and the vacated Ash Street as depicted on a Plan recorded at the CCRD in Plan Book 16, Page 29, a distance of 108.08 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence N 71°39'08" E, through the vacated Ash Street and along land now or formerly of Jeffrey A. Hayes Trustee as described in a deed recorded in the CCRD in Book 30716, Page 21, a distance of 123.80 feet to a point;

Thence N 17°52'57" W, along land now or formerly of Jeffrey A. Hayes Trustee, land now or formerly of Bertha L. Judkins as described in a deed recorded in the CCRD in Book 7750, Page 196, Topsham Street as depicted on a Plan recorded at the CCRD in Plan Book 16, Page 29, land now or formerly of House of Hogwarts, LLC as described in a deed recorded in the CCRD in Book 34616, Page 309, a distance of 369.17 feet to a 1-inch iron pipe, 2-inches above grade;

Thence N 18°18'12" W, along land now or formerly of House of Hogwarts, LLC, a distance of 125.00 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence S 79°57'00" E, through land of Fallbrook Properties, LLC, a distance of 99.99 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence N 54°32'18" E, through land to be retained by Fallbrook Properties, LLC, a distance of 420.18 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set at other land of Fallbrook Properties, LLC;

Thence continuing N 54°32'18" E, through other land of Fallbrook Properties, LLC, a distance of 119.82 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set on the westerly sideline of Ray Street;

Thence S 35°27'42" E, along Ray Street, a distance of 55.00 feet to the Point of Beginning;

Containing approximately 8.28 Acres.

The bearings herein are Grid North, Maine State Plane Coordinate System, West Zone 1802, NAD83.

August 28, 2019 AJS/jg

Current Owner Information:

CBL	400 D023001
Land Use Type Verify legal use with Inspections Division	RETAIL & PERSONAL SERVICE
Property Location	60 MERRYMEETING DR
Owner Information	FALLBROOK PROPERTIES LLC 418 RAY ST PORTLAND ME 04103
Book and Page	27501/183
Legal Description	400-D-23 402-I-1 403-F-1 RAY ST 362-362 MERRYMEETING DR 60 549978 SF
Rental Registration	No
Acres	12.6258

Current Assessed Valuation:

TAX ACCT NO.	25421	OWNER OF RECORD AS OF APRIL 2019
LAND VALUE	\$305,600.00	FALLBROOK PROPERTIES LLC
BUILDING VALUE	\$3,086,400.00	418 RAY ST
NET TAXABLE - REAL ESTATE	\$3,392,000.00	PORTLAND ME 04103

TAX AMOUNT \$79,067.52

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or e-mailed.

Building Information:

Building 1Year Built1993Style/Structure Type1# Units1Square Feet27600

View Sketch

View Map



Exterior/Interior Information:

	Building 1
Levels	01/01
Size	27600
Use	NURSING HOME
Height	9
Walls	FRAME
Heating	HEAT PUMP
A/C	CENTRAL

Other Features:

	Building 1
Structure	SPRINKLER - WET
Size	27600X1

	Building 1
Structure	CANOPY - ONLY
Size	708X1

107

Outbuildings/Yard Improvements:

	Building 1			
Year Built	1993			
Structure	ASPHALT PARKING			
Size	20000			
Units	1			
Grade	С			
Condition	3			

	Building 1
Year Built	1993
Structure	LIGHT - MERCURY VAPOR, POLE
Size	1X1
Units	6
Grade	С
Condition	3

Building	1
----------	---

Year Built	1993
Structure	SHED-FRAME
Size	10X14
Units	1
Grade	С
Condition	3

Sales Information:

Sale Date	Туре	Price	Book/Page
12/30/2009	LAND + BUILDING	\$0.00	27501/183

SHORT FORM QUITCLAIM DEED WITH COVENANT

FALLBROOK, INC., a Maine corporation with a principal place of business in Portland, Maine, FOR CONSIDERATION PAID, grants to **FALLBROOK PROPERTIES, LLC**, a Maine limited liability company whose mailing address is 418 Ray Street, Portland, Maine 04103, with QUITCLAIM COVENANT certain real property, together with any improvements thereon, located at 418 Ray Street, Portland, Cumberland County, Maine, and more particularly described on **Exhibit A** attached hereto and made a part hereof (the "<u>Premises</u>").

IN WITNESS WHEREOF, Fallbrook, Inc. has caused this instrument to be executed by Robert J. Feeney, its President thereunto duly authorized, this 15th day of December, 2009.

WITNESSETH:

FALLBROOK, INC.

Name: Robert JuFeeney

Title: President

State of Maine County of Cumberland, ss.

December 15, 2009

PERSONALLY APPEARED the above-named Robert J. Feeney, President of Fallbrook, Inc., as aforesaid, and acknowledged the foregoing instrument to be his free act and deed in his said capacity and the free act and deed of said corporation.

Before me. Rinebert Name: Keran Title: Attor ney ME 9303

EXHIBIT A

A certain parcel of land situated Westerly of Ray Street in the City of Portland, County of Cumberland and State of Maine bounded and described as follows:

Beginning at the southeasterly corner of Fallbrook, a Condominium, at a point on the Westerly sideline of land now or formerly of John N. Jr. and Glennis E. Fitzpatrick (Book 2773, Page 224);

Thence, S 13°-05'-20" E by the land of Fitzpatrick 110.00 feet to a point marked by a 5/8" iron rod set;

Thence, N 76°-54 '-40" E by the land of Fitzpatrick 256.90 feet to a point on the Westerly sideline of Ray Street marked by 5/8" iron rod set;

Thence, S 16°-25'-15" E by the sideline of Ray Street 1.42 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Ivan G. and Edwina F. Callahan (Book 2997, Page 486);

Thence, S 73°-34'-45" W by the land of Callahan 220.00 feet to a point marked by a 5/8" iron rod set;

Thence, S 16°-25'-15" E by the land of Callahan 65.00 feet to a point marked by a 5/8" iron rod set;

Thence, N 73°-34'-45" E by the land of Callahan 100.00 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Malcolm A. and Gail E. McDonald (Book 3614, Page 219);

Thence, S 18°-02'-05" E by the land of McDonald 163.18 feet to a point marked by a 5/8" iron rod set;

Thence, N 74°-25'-15" E by the land of McDonald 120.00 feet to a point on the Westerly sideline of Ray Street marked by a 5/8" iron rod set;

Thence, S $18^{\circ}-35'-45''$ E by the sideline of Ray Street 47.17 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Donald A. and Evelyn Thompson (Book 2892, Page 451);

Thence, S 71°-24'-15" W by the land of Thompson 150.00 feet to a point marked by a 5/8" iron rod set;

Thence, S 18°-35'-45" E by the land of Thompson 50.00 feet to a point marked by a 5/8" iron rod set;

Thence, N 71°-24'-15" E by the land of Thompson 50.00 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Richard E. and Carolyn Grover (Book 2895, Page 492);

Thence, S 18°-35'-45" E by the land of Grover and by the land now or formerly of Raymond A. and Florence M. Sevigny (Book 2490, Page 327) 72.78 feet to a point marked by a 5/8" iron rod set;

Thence, S 17°-48'-10" E by the land of Sevigny and by the lands now or formerly of Gladys A. and Kenneth V. Moody (Book 3471, Page 62), Betty L. Denbow (Book 2682; Page 313), Anna J. Aiken (Book 3570, Page 212), David A. and Carolyn J. Matthews (Book 4483, Page 163), Laura H. Clark (Book 3708, Page 194), and George and Doris Castonia (Book 4960, Page 286) 333.24 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Frances F. Gatchell (Book 6257, Page 342);

Thence, S 71°-28'-30" W by the land of Gatchell 51.09 feet to a point marked by a 5/8" iron rod set;

Thence, S 67°-57'-00" W by the land of Gatchell and lands now or formerly of Eleanor L. and Sherry Sapko, Charles E. and Linda J. Foshay (Book 3920, Page 212), Linwood J. and Ruth L. Thaxter, Charles L. Arey (Book 2320, Page 55), Dorothy M. and Richard M. Butler (Book 3765, Page 177), Norman C. and Caroline M. Walton (Book 2014, Page 140), James P. and Lula S. Cullen (Book 2044, Page 474), and Glenda R. and Roger R. Pushor (Book 4755, Page 44) 481.12 feet to a point marked by a 5/8" iron rod set;

Thence, S 54°-20'-55" W by the land of Pushor 29.58 feet to a point marked by a 5/8" iron rod set;

Thence, S 45°-14'-05" W by the land now or formerly of Claire D. and Edward L. Gulick (Book 3782, Page 285) and by the land now or formerly of John H. and Jeannette B. Greer (Book 2824, Page 131) 186.45 feet to a stone wall intersection and the end of Wadco Street;

Thence, N 01°-01'-00" W by a stone wall 7.90 feet to the Northeasterly sideline of Wadco Street;

Thence, N 37°-18'-55" W by the sideline of Wadco Street 165.51 feet to a point marked by a 5/8" iron rod set at the Easterly sideline of Ash Street;

Thence, N 01°-28'-55" W by the sideline of Ash Street 100.00 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Diane M. and Richard C. Hayes (Book 3615, Page 161);

Thence, N 88°-31'-05" E by the land of Hayes 98.80 feet to a stonewall;

Thence, N 01°-01'-00" W by the land of Hayes, the land now or formerly of Bertha C. Judkins, by the end of Topsham Street, and by the land now or formerly of David F. Marshall (Book 4804, Page 317) 369.17 feet to a 1" iron pipe found;

Thence, N 01°-26'-15" W by the land of Marshall 125.00 feet;

Thence, S 80°-04'-05" W by the land of Marshall 100.00 feet to a point marked by a 5/8" iron rod set;

Thence, S 1°-09'-05" E by the land of Marshall 125.00 feet to a 1" iron pipe found at the Northeast corner of the land now or formerly of Bertha C. Judkins;

Thence, S 81°-21'-30" W by the land of Judkins 56.91 feet to a 1/4" iron rod found at the Southeast corner of the land now or formerly of F. S. Plummer Co. (Book 6869, Page 110);

Thence, N 07°-34'-10" E by land of F. S. Plummer Co. 592.31 feet;

Thence, S 63°-29'-00" E by Fallbrook, a Condominium, 190.24 feet to a point;

Thence, N 76°-59'-40" E by Fallbrook, a Condominium, 166.98 feet to the point of beginning.

Also including and subject to those easements and rights, in common with others, which are described in the below referenced documents:

(1) Easements from George and Doris Castonia dated December 20, 1985, recorded in Book 7036, Page 92;

(2) Easements from Calvin L. and Myrtle W. Gailey, dated December 20, 1985, and recorded in Book 7036, Page 96;

(3) Easement from Frances F. Gatchell dated December 20, 1985, and recorded in Book 7036, Page 100; and

(4) Easement to the City of Portland for a turn-around at the terminus of Topsham Street and other matters shown on the Plat of Fallbrook, a Condominium, recorded in Plan Book 178, Page 66.

Also, an easement for all purposes in common with others over, under and along the 50 foot wide right of way shown on the said Plat of Fallbrook, a Condominium, recorded in Plan Book 178, Page 66 and reserved in the Declaration of Fallbrook Condominium dated April 20, 1989 and recorded in Book 8730, Page 206.

Also subject to the following exceptions and matters:

- 1. Title to and rights of the public and others entitled thereto in and to any portion of the Premises located within the bounds of adjacent streets, roads and ways.
- Setback and minimum building value restrictions set forth in Indenture by and between Reginald and Isabelle H. Carles and Gretta and Edith Henderson, dated January 24, 1949 and recorded in the Cumberland County Registry of Deeds in Book 1951, Page 85 (further references herein to recorded documents are

references to documents recorded in said Registry).

- 3. Terms and provisions of a State of Maine Department of Environmental Protection Site Location Order #L-011219-87-A-N issued to Liberty Group, Inc., dated October 10, 1985 and recorded in Book 6958, Page 88, as transferred by unrecorded Order dated January 22, 1988; as further transferred to MM II Real Estate Corporation by Order dated February 24, 1989 and recorded in Book 8681, Page 310; as further transferred to Merreal Corp. by Order dated April 3 1989 and recorded in Book 8733, Page 187; and as affected by Order dated December 28, 1992 and recorded in Book 10500, Page 287.
- 4. Easement from the Merrymeeting Developers to Central Maine Power Company and New England Telephone and Telegraph Company, dated May 25, 1988 and recorded in Book 8444, Page 191.
- 5. Easement granted to Portland Water District by instrument dated September 21, 1988 and recorded in Book 8490, Page 164.
- 6. Matters affecting the Premises shown on plan entitled "Condominium Plat III, Fallbrook, A Condominium on Ray Street, Portland, Maine, for Merreal Corp., by Owen Haskell, Inc., dated May 10, 1990 and recorded in Plan Book 185, Page 15.
- 7. Terms and conditions of a Maintenance Agreement by and between Fallbrook, Inc. and Fallbrook, A Condominium, dated February 4, 1993 and recorded in Book 10546, Page 73.
- 8. Utility easement from Fallbrook, Inc. to Central Maine Power Company and New England Telephone and Telegraph Company, dated May 26, 1993 and recorded in Book 10771, Page 14.
- 9. Utility easement granted to Northern Utilities, Inc. by instrument dated October 7, 1993 and recorded in Book 11022, Page 51.
- Agreement for Transfer and Assumption of Special Declarant Rights by and between Fallbrook, Inc. and Fallbrook Condominium Association, dated June 28, 1993 and recorded in Book 10804, Page 329.
- 11. Contract for Electric Service by and between Fall Brook Woods and Central Maine Power Company, dated June 18, 1993 and recorded in Book 11243, Page 201.
- 12. All encumbrances, restrictions and other matters of record affecting the Premises as of the date hereof.

Meaning and intending to convey the premises conveyed to Grantor herein by Deed from Merreal Corp., formerly named MM II Real Estate Corporation, to Fallbrook, Inc., dated December 20, 1991 and recorded in Book 9831, Page 59.

Received Recorded Resister of Deeds Dec 30,2009 02:11:13P Cumberland Counts Pamela E. Lovies

Attachment 5

Maine Natural Areas Program Site Review



115 STATE OF MAINE DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY

177 STATE HOUSE STATION AUGUSTA, MAINE 04333

Amanda E. Beal Commissioner

JANET T. MILLS GOVERNOR

November 7, 2019

Stefanie Nichols Sebago Technics 75 John Roberts Road, Suite 4A South Portland, ME 04106

Via email: snichols@sebagotechnics.com

Re: Rare and exemplary botanical features in proximity to: #18347, Fallbrook Commons Senior Living Facility, Portland, Maine

Dear Ms. Nichols:

I have searched the Maine Natural Areas Program's Biological and Conservation Data System files in response to your request received November 7, 2019 for information on the presence of rare or unique botanical features documented from the vicinity of the project in Portland, Maine. Rare and unique botanical features include the habitat of rare, threatened, or endangered plant species and unique or exemplary natural communities. Our review involves examining maps, manual and computerized records, other sources of information such as scientific articles or published references, and the personal knowledge of staff or cooperating experts.

Our official response covers only botanical features. For authoritative information and official response for zoological features you must make a similar request to the Maine Department of Inland Fisheries and Wildlife, 284 State Street, Augusta, Maine 04333.

According to the information currently in our Biological and Conservation Data System files, there are no rare botanical features documented specifically within the project area. This lack of data may indicate minimal survey efforts rather than confirm the absence of rare botanical features. You may want to have the site inventoried by a qualified field biologist to ensure that no undocumented rare features are inadvertently harmed.

If a field survey of the project area is conducted, please refer to the enclosed supplemental information regarding rare and exemplary botanical features documented to occur in the vicinity of the project site. The list may include information on features that have been known to occur historically in the area as well as recently field-verified information. While historic records have not been documented in several years, they may persist in the area if suitable habitat exists. The enclosed list identifies features with potential to occur in the area, and it should be considered if you choose to conduct field surveys.

This finding is available and appropriate for preparation and review of environmental assessments, but it is not a substitute for on-site surveys. Comprehensive field surveys do not exist for all natural areas in Maine, and in the absence of a specific field investigation, the Maine Natural Areas Program cannot provide a definitive statement on the presence or absence of unusual natural features at this site.

MOLLY DOCHERTY, DIRECTOR MAINE NATURAL AREAS PROGRAM BLOSSOM LANE, DEERING BUILDING



PHONE: (207) 287-804490 WWW.MAINE.GOV/DACF/MNAP Letter to Sebago Technics Comments RE: Fallbrook Commons, Portland November 7, 2019 Page 2 of 2

The Maine Natural Areas Program (MNAP) is continuously working to achieve a more comprehensive database of exemplary natural features in Maine. We would appreciate the contribution of any information obtained should you decide to do field work. MNAP welcomes coordination with individuals or organizations proposing environmental alteration, or conducting environmental assessments. If, however, data provided by MNAP are to be published in any form, the Program should be informed at the outset and credited as the source.

The Maine Natural Areas Program has instituted a fee structure of \$75.00 an hour to recover the actual cost of processing your request for information. You will receive an invoice for \$150.00 for two hours of our services.

Thank you for using MNAP in the environmental review process. Please do not hesitate to contact me if you have further questions about the Natural Areas Program or about rare or unique botanical features on this site.

Sincerely,

Krit Ping

Kristen Puryear | Ecologist | Maine Natural Areas Program 207-287-8043 | <u>kristen.puryear@maine.gov</u>

Rare and Exemplary Botanical Features within 4 miles of Project: #18347, Fallbrook Commons Senior Living Facility, Portland, Maine

Common Name	State Status	State Rank	Global Rank	Date Last Observed	Occurrence Number	Habitat
Allegheny Vine						
	Е	S1	G4	1860-10	9	Rocky summits and outcrops (non-forested, upland),Dry barrens (partly forested, upland)
American Sea-blit	е					
	Т	S2	G5	1932-09-12	5	Tidal wetland (non-forested, wetland)
	Т	S2	G5	2011-08-15	17	Tidal wetland (non-forested, wetland)
Bottlebrush Grass	8					
	\mathbf{SC}	S3	G5	1905-09-13	10	Hardwood to mixed forest (forest, upland)
Broad Beech Fern	L					
	\mathbf{SC}	S2	G5	1872-08	15	Hardwood to mixed forest (forest, upland)
Columbia Water-n	neal					
	\mathbf{SC}	S2	G5	2002-08-04	2	Open water (non-forested, wetland)
Ebony Spleenwort	t					
	\mathbf{SC}	S2	G5	1910-06-06	10	Rocky summits and outcrops (non-forested, upland),Hardwood to mixed forest (forest, upland)
Engelmann's Spik	erush					
	\mathbf{PE}	SH	G4G5	1916-08-31	2	Open wetland, not coastal nor rivershore (non-forested, wetland)
Fern-leaved False	Foxglove					
	\mathbf{SC}	S3	G5	1902-09-02	13	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
Great Blue Lobeli	a					
	\mathbf{PE}	SX	G5	1905-09	3	Forested wetland, Non-tidal rivershore (non-forested, seasonally wet)
Hollow Joe-pye W	eed					
	\mathbf{SC}	S2	G5?	2014-06-18	24	Open wetland, not coastal nor rivershore (non-forested, wetland),Old field/roadside (non-forested, wetland or upland)
	\mathbf{SC}	S2	G5?	2011-08-04	19	Open wetland, not coastal nor rivershore (non-forested, wetland),Old
Maine Natural Areas Pro	ogram		Page 1 of 3			www.maine.gov/dacf/mnap

Rare and Exemplary Botanical Features within 4 miles of Project: #18347, Fallbrook Commons Senior Living Facility, Portland, Maine

Common Name	State Status	State Rank	Global Rank	Date Last Observed	Occurrence Number	Habitat
						field/roadside (non-forested, wetland or upland)
Horned Pondweed						
	\mathbf{SC}	S2	G5	1913-09-13	9	Tidal wetland (non-forested, wetland)
MacGregor's Rye						
	\mathbf{SC}	S2	G5	2016-09-11	13	<null></null>
Marsh Milkwort						
	PE	SH	G5T4	1903-08-18	1	Dry barrens (partly forested, upland),Open wetland, not coastal nor rivershore (non-forested, wetland)
Missouri Rockcres	s					
	Т	S1	G5	1905-06-11	5	Rocky summits and outcrops (non-forested, upland),Hardwood to mixed forest (forest, upland)
Mountain-laurel						
	\mathbf{SC}	S2	G5	1985-08-01	13	Conifer forest (forest, upland),Hardwood to mixed forest (forest, upland)
Mountain Honeysu	ıckle					
	Е	S2	G5	2018-06-02	14	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
	Е	S2	G5	2007-07-30	10	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
	Ε	S2	G5	2015-07-07	17	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
Pale Green Orchis						
	\mathbf{SC}	S2	G4?T4Q	1907-07-05	27	Non-tidal rivershore (non-forested, seasonally wet),Open wetland, not coastal nor rivershore (non-forested, wetland)
Palmate-leaved Vie	olet					
	$\rm PE$	SH	G5	1908	1	Hardwood to mixed forest (forest, upland)
Slender Knotweed						
	PE	SH	G5	1902-09-07	1	Dry barrens (partly forested, upland)
Maine Natural Areas Pro	gram		Page 2 of 3			www.maine.gov/dacf/mnap

Rare and Exemplary Botanical Features within 4 miles of Project: #18347, Fallbrook Commons Senior Living Facility, Portland, Maine

Common Name	State Status	State Rank	Global Rank	Date Last Observed	Occurrence Number	Habitat
Small Reed Grass						
	\mathbf{SC}	S3	G5	2011-08-28	18	Old field/roadside (non-forested, wetland or upland)
Spotted Wintergre	een					
	Т	S2	G5	1991-09	11	Conifer forest (forest, upland),Hardwood to mixed forest (forest, upland)
Tidal Marsh Estua	ary Ecosyst	em				
	<null></null>	$\mathbf{S3}$	GNR	2011-08-25	8	Tidal wetland (non-forested, wetland)
Upper Floodplain	Hardwood	Forest				
	<null></null>	S3	GNR	2012	20	Forested wetland
Upright Bindweed	ł					
	Т	S2	G4G5	2007-06-28	5	Dry barrens (partly forested, upland),Old field/roadside (non-forested, wetland or upland)
Variable Sedge						
	Е	S1	G3	1911	8	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
	Ε	S1	G3	1911-06-29	9	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
	Ε	S1	G3	2018-08-29	6	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
	Ε	S1	G3	2017-08-22	4	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
Vasey's Pondweed	1					
	\mathbf{SC}	S2	G4	1901-08-04	7	Open water (non-forested, wetland)
Wild Garlic						
	\mathbf{SC}	S2	G5	1918-07-16	6	Forested wetland, Hardwood to mixed forest (forest, upland)
Wild Leek						
	\mathbf{SC}	S3	G5	2018-05-02	55	Hardwood to mixed forest (forest, upland),Forested wetland
Maine Natural Areas Pro	ogram		Page 3 of 3			www.maine.gov/dacf/mnap

STATE RARITY RANKS

- **S1** Critically imperiled in Maine because of extreme rarity (five or fewer occurrences or very few remaining individuals or acres) or because some aspect of its biology makes it especially vulnerable to extirpation from the State of Maine.
- **S2** Imperiled in Maine because of rarity (6-20 occurrences or few remaining individuals or acres) or because of other factors making it vulnerable to further decline.
- **S3** Rare in Maine (20-100 occurrences).
- S4 Apparently secure in Maine.
- **S5** Demonstrably secure in Maine.
- SU Under consideration for assigning rarity status; more information needed on threats or distribution.
- **SNR** Not yet ranked.
- **SNA** Rank not applicable.
- **S#?** Current occurrence data suggests assigned rank, but lack of survey effort along with amount of potential habitat create uncertainty (e.g. S3?).
- **Note:** State Rarity Ranks are determined by the Maine Natural Areas Program for rare plants and rare and exemplary natural communities and ecosystems. The Maine Department of Inland Fisheries and Wildlife determines State Rarity Ranks for animals.

GLOBAL RARITY RANKS

- G1 Critically imperiled globally because of extreme rarity (five or fewer occurrences or very few remaining individuals or acres) or because some aspect of its biology makes it especially vulnerable to extinction.
- **G2** Globally imperiled because of rarity (6-20 occurrences or few remaining individuals or acres) or because of other factors making it vulnerable to further decline.
- G3 Globally rare (20-100 occurrences).
- G4 Apparently secure globally.
- G5 Demonstrably secure globally.
- GNR Not yet ranked.
- Note: Global Ranks are determined by NatureServe.

STATE LEGAL STATUS

- **Note:** State legal status is according to 5 M.R.S.A. § 13076-13079, which mandates the Department of Conservation to produce and biennially update the official list of Maine's **Endangered** and **Threatened** plants. The list is derived by a technical advisory committee of botanists who use data in the Natural Areas Program's database to recommend status changes to the Department of Conservation.
- **E** ENDANGERED; Rare and in danger of being lost from the state in the foreseeable future; or federally listed as Endangered.
- **T** THREATENED; Rare and, with further decline, could become endangered; or federally listed as Threatened.

NON-LEGAL STATUS

- **SC** SPECIAL CONCERN; Rare in Maine, based on available information, but not sufficiently rare to be considered Threatened or Endangered.
- **PE** Potentially Extirpated; Species has not been documented in Maine in past 20 years or loss of last known occurrence has been documented.

Visit our website for more information on rare, threatened, and endangered species! http://www.maine.gov/dacf/mnap

ELEMENT OCCURRENCE RANKS - EO RANKS

Element Occurrence ranks are used to describe the quality of a rare plant population or natural community based on three factors:

- <u>Size</u>: Size of community or population relative to other known examples in Maine. Community or population's viability, capability to maintain itself.
- <u>Condition</u>: For communities, condition includes presence of representative species, maturity of species, and evidence of human-caused disturbance. For plants, factors include species vigor and evidence of human-caused disturbance.
- **Landscape context**: Land uses and/or condition of natural communities surrounding the observed area. Ability of the observed community or population to be protected from effects of adjacent land uses.

These three factors are combined into an overall ranking of the feature of **A**, **B**, **C**, or **D**, where **A** indicates an **excellent** example of the community or population and **D** indicates a **poor** example of the community or population. A rank of **E** indicates that the community or population is **extant** but there is not enough data to assign a quality rank. The Maine Natural Areas Program tracks all occurrences of rare (S1-S3) plants and natural communities as well as A and B ranked common (S4-S5) natural communities.

Note: Element Occurrence Ranks are determined by the Maine Natural Areas Program for rare plants and rare and exemplary natural communities and ecosystems. The Maine Department of Inland Fisheries and Wildlife determines Element Occurrence ranks for animals.

Visit our website for more information on rare, threatened, and endangered species! http://www.maine.gov/dacf/mnap

Attachment 6

Maine Historic Preservation Inquiry



November 7, 2019 18347

Mr. Kirk Mohney Maine Historic Preservation Commission 65 State House Station Augusta, Maine 04333

<u>Re: Fallbrook Commons - Senior Living Facility</u> <u>Ray Street / Merrymeeting Drive, Portland</u> <u>Parcel ID: 403 F001, 403-F005</u>

Dear Mr. Mohney:

On behalf of the project applicant, Sebago Technics respectfully requests site review for a proposed new senior living facility adjacent to an existing senior facility in the North Deering section of Portland on Ray Street. The property is 12.78± acres and is located in the City Residential-3 zone. Per available resources we have determined that the site is not located in a local Historic District.

The project includes a new senior living facility that will be located next to the existing Fallbrook Woods assisted living community. The development includes the construction of a two-story, 37,450± sf building with 90 bedrooms and two adjacent parking areas. The new senior facility will be accessed by a new driveway from Ray Street with secondary access for emergency use over Merrymeeting Drive.

The project area is mostly wooded and will be cleared for the proposed site improvements. The applicant intends to leave the majority of the municipal building setbacks vegetated. Post-construction views to and from the new facility will be filtered through a combination of the existing mature vegetation and new landscaping.

We respectfully request review of the Maine Historic Preservation Commission database for any properties or structures of historic significance in the vicinity of the project site. For your reference, I have enclosed a site location map, the site property cards and Google Earth street view images of the surrounding residential areas. At your earliest convenience, please review and forward your findings. If you have any questions on this project, please do not hesitate to contact me at <u>snichols@sebagotechnics.com</u> or on my direct line at (207) 200-2120. I look forward to hearing from you.

Sincerely,18347

SEBAGO TECHNICS, INC.

Atyanii Clichols

Stefanie Nichols Permitting Specialist / Project Coordinator

enc.

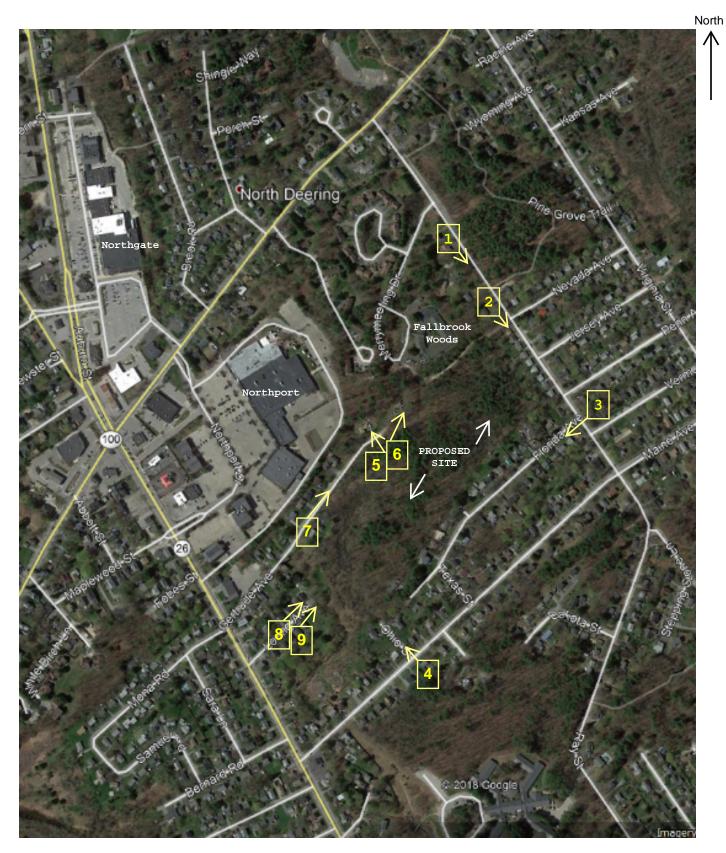


PHOTO KEY – Fallbrook Commons, Portland



Street view looking southeast along Ray Street toward the project entrance location



Street view looking southeast from the proposed Ray Street project entrance location



View along Florida Avenue from Ray Street



View along Ohio Street from Maine Avenue



Gertrude Avenue terminus -1





Gertrude Avenue terminus -2



Mid Gertrude Avenue Existing Conditions – residences and wooded area



View along Loring Avenue to end



View 2 - Loring Avenue to end



PORTLANDMAINE Assessor's Off. Assessor's Office 389 Congress Street Portland, Maine 04101 Room 115 (207) 874-6 City Home Departments City Council E-Services Calendar This page contains a detailed description of the Parcel ID you selected. New Search! Current Owner Information: CBL 403 F005001	Portland Maine Assessor's Online Database		
City Home Departments City Council E-Services Calendar This page contains a detailed description of the Parcel ID you selected. New Search! New Search! New Search! Current Owner Information: CBL 403 F005001	fice		
This page contains a detailed description of the Parcel ID you selected. New Search! Current Owner Information: CBL 403 F005001	3486		
New Search! Current Owner Information: CBL 403 F005001	Jobs		
CBL 403 F005001			
Services Land Use Type SINGLE FAMILY			
Applications Inspections Division			
Doing Business Property Location 368 RAY ST			
Maps Owner Information MCDONALD PATRICIA A & CATHERINE E MCDON			
368 RAY ST Tax Relief PORTLAND ME 04103			
Tax Roll Book and Page 8818/50			
Q & A Legal Description 403-F-5 RAY ST 368			
browse city services a-z 19695 SF			
Rental Registration No			
browse facts and links a-z 0.4522			
Current Assessed Valuation:			
TAX ACCT NO. 25541 OWNER OF RECORD	AS OF APRIL		
LAND VALUE \$79,700.00 2019 MCDONALD PATRICIA	A 9.		
BUILDING VALUE \$105,800.00 CATHERINE E MCDONAL			
Best viewed at HOMESTEAD (\$16,800.00) 368 RAY ST			
B00x600, with Internet Explorer REAL \$168,700.00 PORTLAND ME 04103			

11/10/2019			Portland Maine Assessor's Online Database
	Grade Condition	C A	
	Sales Infor	mation:	

Sale Date	Туре	Price	Book/Page
7/7/1989	LAND + BUILDING	\$0.00	8818/50
	New Searc	:h!	

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or <u>e-mailed</u>.

\$3,932.40

Building Information:

TAX AMOUNT

Building 1	
Year Built	1955
Style/Structure Type	3
# Units	1
Bedrooms	2
Full Baths	1
Total Rooms	5
Attic	NONE
Basement	FULL
Square Feet	1200

View Sketch View Map View Picture

Outbuildings/Yard Improvements:

	Building 1
Year Built	1980
Structure	GARAGE-WD/CB
Size	14X22
Units	1

portlandassessor.com/searchdetail.asp?Acct=403 F005001

1/10/2019		Portland Ma	ine Assessor's Online Data	base	
t	PORTLA	ND MAINE	Assessor's Of	fice	
100	Assessor's Office 389 Con	gress Street Portland, Maine 04	101 Room 115 (207) 874-8	486	i i
	City Home Depa	rtments City Council	E-Services Calendar	Jobs	
CONT	This page contain:	s a detailed description of the F	arcel ID you selected.		
		New Sea	irch!		
	Current Owner In	formation:			
	CBL	400 D023001			
Services	Land Use Type	RETAIL & PERSONAL SE	RVICE		
Applications	Verify legal use with Inspections Division				
Doing Business	Property Location	60 MERRYMEETING DR			
Maps	Owner Information	Owner Information FALLBROOK PROPERTIES LLC			
Tax Relief		418 RAY ST PORTLAND ME 04103			
Tax Roll	Book and Page	27501/183			
Q & A	Legal Description 400-D-23 402-I-1 403-F-1				
browse city services a-z		RAY ST 362-362 MERRYMEETING DR 60 549978 SF			
	Rental Registration	No			
browse facts and links a-z	Acres	12.6258			
ARG	Current Assessed	Valuation:			
	TAX ACCT NO.	25421	OWNER OF RECORD	AS OF APRIL	
E CONT	LAND VALUE	\$305,600.00	2019 FALLBROOK PROPERTI	TES LLC	
	BUILDING VALUE	\$3,086,400.00	TALEBROOK TROPERTS		
Best viewed at 800x600, with Internet Explorer	NET TAXABLE - REA ESTATE	\$3,392,000.00	418 RAY ST PORTLAND ME 04103		
	TAX AMOUNT	\$79,067.52			
	Any information concernir Treasury office at 874-84	ng tax payments should be di 90 or <u>e-mailed</u> .	rected to the		

Building Information:

Build	ling 1
Year Built	1993
Style/Structure	Гуре
# Units	1
Square Feet	27600

View Sketch View Map View Picture

Exterior/Interior Information:

	Building 1
Levels	01/01
Size	27600
Use	NURSING HOME
Height	9
Walls	FRAME
Heating	HEAT PUMP
A/C	CENTRAL

Other Features:

11/10/2019

Size

	Building 1
Structure	SPRINKLER - WET
Size	27600X1
	Building 1
Structure	CANOPY - ONLY

ure CANOPY - ONLY 708X1

Outbuildings/Yard Improvements:

Portland Maine Assessor's Online Database

Building 1
1993
ASPHALT PARKING
20000
1
С
3

Building 1

Year Built	1993
Structure	LIGHT - MERCURY VAPOR, POLE
Size	1X1
Units	6
Grade	С
Condition	3

Building 1

Year Built	1993
Structure	SHED-FRAME
Size	10X14
Units	1
Grade	С
Condition	3

Sales Information:

Sale Date	Туре	Price	Book/Page
12/30/2009	LAND + BUILDING	\$0.00	27501/183
	New Searc	:h!	

Attachment 7

Visual Field Survey – Appendix A

APPENDIX A: MDEP VISUAL EVALUATION FIELD SURVEY CHECKLIST (Natural Resources Protection Act, 38 M.R.S. §§ 480 A - Z) Name of applicant: Fallbrook Commons, LLC Phone: 207-233-8665 Application Type: <u>NRPA Tier 2</u> Activity Type: (brief activity description) _wetland fill associated with construction County: Cumberland Activity Location: Town: Portland GIS Coordinates, if known: Observer: R. Gabryszewski Date of Survey: 11/18/2019 Phone: 207-200-2065 **Distance Between the Proposed Visibility** Activity and Resource (in Miles) 1.Would the activity be visible from: $0 - \frac{1}{4}$ 1⁄4-1 1 +A. A National Natural Landmark or other outstanding \square \square Х natural feature? B. A State or National Wildlife Refuge, Sanctuary, or \square Χ \square Preserve or a State Game Refuge? C. A state or federal trail? \square Χ D. A public site or structure listed on the National \square Χ **Register of Historic Places?** E. A National or State Park? \square Χ F. 1) A municipal park or public open space? Χ Note: Pine Grove Park is within a 1/4 mile - but the activity will not be visible 2) A publicly owned land visited, in part, for the use, \square Χ observation, enjoyment and appreciation of natural or man-made visual qualities? 3) A public resource, such as the Atlantic Ocean, \square Χ \square a great pond or a navigable river? 2. What is the closest estimated distance to a similar activity? \square Х 3. What is the closest distance to a public facility \square X intended for a similar use? 4. Is the visibility of the activity seasonal? □Yes XNo (i.e., screened by summer foliage, but visible during other seasons) 5. Are any of the resources checked in question 1 used by the public ☐ Yes XNo during the time of year during which the activity will be visible?

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A listing of National Natural Landmarks and other outstanding natural features in the State of Maine can be found at: www.nature.nps.gov/nnl/Registry/USA_map/states/Maine/maine.htm . In addition, unique natural areas are listed in the Maine Atlas and Gazetteer published by DeLorme.

(pink)

Attachment 8

MDIFW Inquiry



139 STATE OF MAINE DEPARTMENT OF INLAND FISHERIES & WILDLIFE 284 STATE STREET 41 STATE HOUSE STATION AUGUSTA ME 04333-0041



November 20, 2019

Stefanie Nichols Sebago Technics 75 John Roberts Road, Suite 1A Portland, ME 04101

RE: Information Request - Fallbrook Commons Senior Living Facility, Portland

Dear Stefanie:

Per your request received November 12, 2019, we have reviewed current Maine Department of Inland Fisheries and Wildlife (MDIFW) information for known locations of Endangered, Threatened, and Special Concern species; designated Essential and Significant Wildlife Habitats; and fisheries habitat concerns within the vicinity of the *Fallbrook Commons Senior Living Facility Project* in Portland.

Our Department has not mapped any Essential Habitats that would be directly affected by your project.

Endangered, Threatened, and Special Concern Species

Bats

Of the eight species of bats that occur in Maine, the three *Myotis* species are protected under Maine's Endangered Species Act (MESA) and are afforded special protection under 12 M.R.S §12801 - §12810. The three *Myotis* species include little brown bat (State Endangered), northern long-eared bat (State Endangered), and eastern small-footed bat (State Threatened). The five remaining bat species are listed as Special Concern: big brown bat, red bat, hoary bat, silver-haired bat, and tri-colored bat.

While a comprehensive statewide inventory for bats has not been completed, based on historical evidence it is likely that several of these species occur within the project area during migration and/or the breeding season. However, our Agency does not anticipate significant impacts to any of the bat species as a result of this project.

Significant Wildlife Habitat

Significant Vernal Pools

At this time MDIFW Significant Wildlife Habitat (SWH) maps indicate no known presence of SWHs subject to protection under the Natural Resources Protection Act (NRPA) within the project area, which include Waterfowl and Wading Bird Habitats, Seabird Nesting Islands, Shorebird Areas, and Significant Vernal Pools. However, a comprehensive statewide inventory for Significant Vernal Pools has not been completed. Therefore, we recommend that surveys for vernal pools be conducted within the project boundary by qualified wetland scientists prior to final project design to determine whether there are

Significant Vernal Pools present in the area. These surveys should extend up to 250 feet beyond the anticipated project footprint because of potential performance standard requirements for off-site Significant Vernal Pools, assuming such pools are located on land owned or controlled by the applicant. Once surveys are completed, survey forms should be submitted to our Agency for review <u>well before</u> the submission of any necessary permits. Our Department will need to review and verify any vernal pool data prior to final determination of significance.

Fisheries Habitat

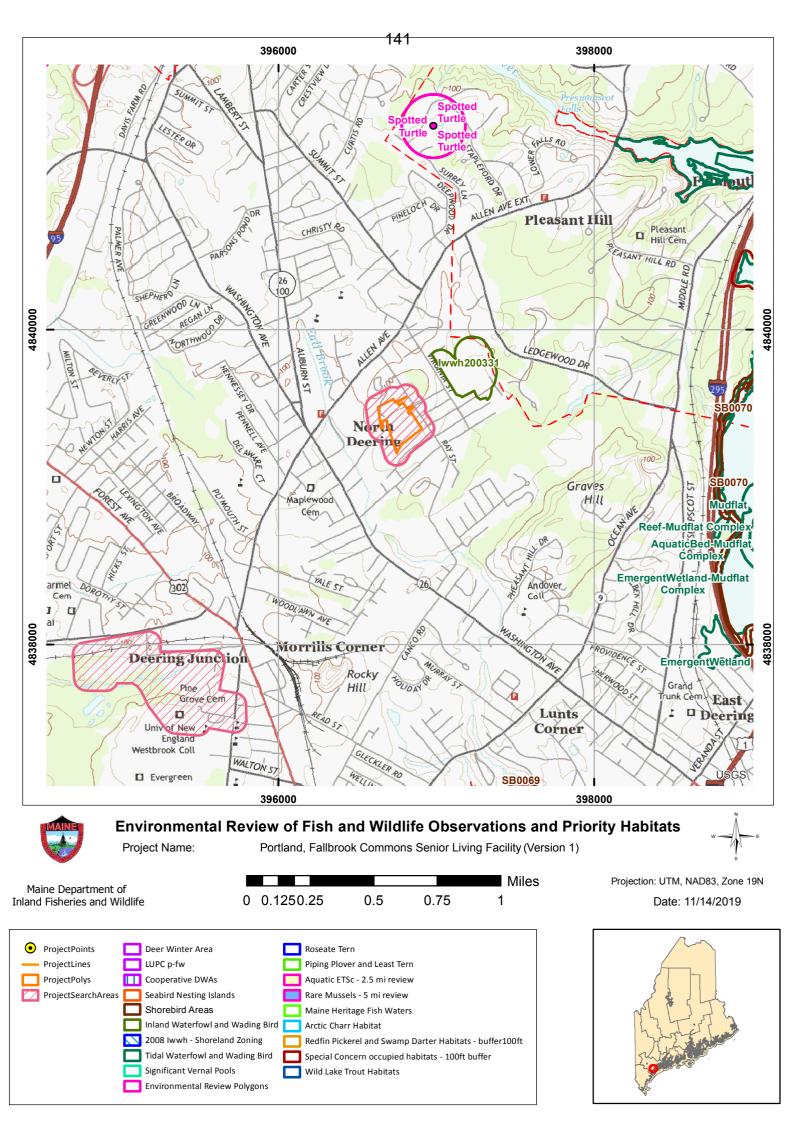
We recommend that 100-foot undisturbed vegetated buffers be maintained along streams. Buffers should be measured from the edge of stream or associated fringe and floodplain wetlands. Maintaining and enhancing buffers along streams that support coldwater fisheries is critical to the protection of water temperatures, water quality, natural inputs of coarse woody debris, and various forms of aquatic life necessary to support conditions required by many fish species. Stream crossings should be avoided, but if a stream crossing is necessary, or an existing crossing needs to be modified, it should be designed to provide full fish passage. Small streams, including intermittent streams, can provide crucial rearing habitat, cold water for thermal refugia, and abundant food for juvenile salmonids on a seasonal basis and undersized crossings may inhibit these functions. Generally, MDIFW recommends that all new, modified, and replacement stream crossings be sized to span at least 1.2 times the bankfull width of the stream. In addition, we generally recommend that stream crossings be open bottomed (i.e. natural bottom), although embedded structures which are backfilled with representative streambed material have been shown to be effective in not only providing habitat connectivity for fish but also for other aquatic organisms. Construction Best Management Practices should be closely followed to avoid erosion, sedimentation, alteration of stream flow, and other impacts as eroding soils from construction activities can travel significant distances as well as transport other pollutants resulting in direct impacts to fish and fisheries habitat. In addition, we recommend that any necessary instream work occur between July 15 and October 1.

This consultation review has been conducted specifically for known MDIFW jurisdictional features and should not be interpreted as a comprehensive review for the presence of other regulated features that may occur in this area. Prior to the start of any future site disturbance we recommend additional consultation with the municipality, and other state resource agencies including the Maine Natural Areas Program and Maine Department of Environmental Protection in order to avoid unintended protected resource disturbance.

Please feel free to contact my office if you have any questions regarding this information, or if I can be of any further assistance.

Best regards,

Becca Settele Wildlife Biologist





United States Department of the Interior

FISH AND WILDLIFE SERVICE Maine Ecological Services Field Office P. O. Box A East Orland, ME 04431 Phone: (207) 469-7300 Fax: (207) 902-1588 http://www.fws.gov/mainefieldoffice/index.html



In Reply Refer To: Consultation Code: 05E1ME00-2020-SLI-0136 Event Code: 05E1ME00-2020-E-00642 Project Name: Fallbrook Commons November 11, 2019

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies the threatened, endangered, candidate, and proposed species and designated or proposed critical habitat that may occur within the boundary of your proposed project or may be affected by your proposed project. This species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC Web site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the Endangered Species Consultation Handbook at: <u>http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF</u>

This species list also identifies candidate species under review for listing and those species that the Service considers species of concern. Candidate species have no protection under the Act but are included for consideration because they could be listed prior to completion of your project. Species of concern are those taxa whose conservation status is of concern to the Service (i.e., species previously known as Category 2 candidates), but for which further information is needed.

If a proposed project may affect only candidate species or species of concern, you are not required to prepare a Biological Assessment or biological evaluation or to consult with the Service. However, the Service recommends minimizing effects to these species to prevent future conflicts. Therefore, if early evaluation indicates that a project will affect a candidate species or species of concern, you may wish to request technical assistance from this office to identify appropriate minimization measures.

Please be aware that bald and golden eagles are not protected under the Endangered Species Act but are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.). Projects affecting these species may require development of an eagle conservation plan: <u>http://www.fws.gov/windenergy/eagle_guidance.html</u> Information on the location of bald eagle nests in Maine can be found on the Maine Field Office Web site: <u>http://www.fws.gov/mainefieldoffice/Project%20review4.html</u>

Additionally, wind energy projects should follow the wind energy guidelines: <u>http://www.fws.gov/windenergy/</u> for minimizing impacts to migratory birds and bats. Projects may require development of an avian and bat protection plan.

Migratory birds are also a Service trust resource. Under the Migratory Bird Treaty Act, construction activities in grassland, wetland, stream, woodland, and other habitats that would result in the take of migratory birds, eggs, young, or active nests should be avoided. Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g.,

cellular, digital television, radio, and emergency broadcast) can be found at: <u>http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm</u> and at: <u>http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html</u>

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

(207) 469-7300

Maine Ecological Services Field Office P. O. Box A East Orland, ME 04431

Project Summary

Consultation Code:	05E1ME00-2020-SLI-0136
Event Code:	05E1ME00-2020-E-00642
Project Name:	Fallbrook Commons
Project Type:	DEVELOPMENT
Project Description:	Location: Ray Street, Portland Size: 12.78+/- Acres Scope: New senior living facility Timing: Summer 2020, upon receipt of permit approvals

Project Location:

Approximate location of the project can be viewed in Google Maps: <u>https://www.google.com/maps/place/43.700464181223296N70.28103459445164W</u>



Counties: Cumberland, ME

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i>	
No critical habitat has been designated for this species.	
Species profile: <u>https://ecos.fws.gov/ecp/species/9045</u>	

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

led



United States Department of the Interior

FISH AND WILDLIFE SERVICE Maine Ecological Services Field Office P. O. Box A East Orland, ME 04431 Phone: (207) 469-7300 Fax: (207) 902-1588 http://www.fws.gov/mainefieldoffice/index.html



In Reply Refer To: Consultation Code: 05E1ME00-2020-TA-0136 Event Code: 05E1ME00-2020-E-00643 Project Name: Fallbrook Commons November 11, 2019

Subject: Verification letter for the 'Fallbrook Commons' project under the January 5, 2016, Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-eared Bat and Activities Excepted from Take Prohibitions.

Dear Stefanie Nichols:

The U.S. Fish and Wildlife Service (Service) received on November 11, 2019 your effects determination for the 'Fallbrook Commons' (the Action) using the northern long-eared bat (*Myotis septentrionalis*) key within the Information for Planning and Consultation (IPaC) system. This IPaC key assists users in determining whether a Federal action is consistent with the activities analyzed in the Service's January 5, 2016, Programmatic Biological Opinion (PBO). The PBO addresses activities excepted from "take"^[1] prohibitions applicable to the northern long-eared bat under the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based upon your IPaC submission, the Action is consistent with activities analyzed in the PBO. The Action may affect the northern long-eared bat; however, any take that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o). Unless the Service advises you within 30 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that the PBO satisfies and concludes your responsibilities for this Action under ESA Section 7(a)(2) with respect to the northern long-eared bat.

Please report to our office any changes to the information about the Action that you submitted in IPaC, the results of any bat surveys conducted in the Action area, and any dead, injured, or sick northern long-eared bats that are found during Action implementation. If the Action is not completed within one year of the date of this letter, you must update and resubmit the information required in the IPaC key.

If the Action may affect other federally listed species besides the northern long-eared bat, a proposed species, and/or designated critical habitat, additional consultation between you and this Service office is required. If the Action may disturb bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act is recommended.

[1]Take means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct [ESA Section 3(19)].

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

Fallbrook Commons

2. Description

The following description was provided for the project 'Fallbrook Commons':

Location: Ray Street, Portland Size: 12.78+/- Acres Scope: New senior living facility Timing: Summer 2020, upon receipt of permit approvals

Approximate location of the project can be viewed in Google Maps: <u>https://www.google.com/</u> <u>maps/place/43.700464181223296N70.28103459445164W</u>



Determination Key Result

This Federal Action may affect the northern long-eared bat in a manner consistent with the description of activities addressed by the Service's PBO dated January 5, 2016. Any taking that may occur incidental to this Action is not prohibited under the final 4(d) rule at 50 CFR §17.40(o). Therefore, the PBO satisfies your responsibilities for this Action under ESA Section 7(a)(2) relative to the northern long-eared bat.

Determination Key Description: Northern Long-eared Bat 4(d) Rule

This key was last updated in IPaC on May 15, 2017. Keys are subject to periodic revision.

This key is intended for actions that may affect the threatened northern long-eared bat.

The purpose of the key for Federal actions is to assist determinations as to whether proposed actions are consistent with those analyzed in the Service's PBO dated January 5, 2016.

Federal actions that may cause prohibited take of northern long-eared bats, affect ESA-listed species other than the northern long-eared bat, or affect any designated critical habitat, require ESA Section 7(a)(2) consultation in addition to the use of this key. Federal actions that may affect species proposed for listing or critical habitat proposed for designation may require a conference under ESA Section 7(a)(4).

Determination Key Result

This project may affect the threatened Northern long-eared bat; therefore, consultation with the Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.) is required. However, based on the information you provided, this project may rely on the Service's January 5, 2016, *Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-Eared Bat and Activities Excepted from Take Prohibitions* to fulfill its Section 7(a)(2) consultation obligation.

Qualification Interview

- 1. Is the action authorized, funded, or being carried out by a Federal agency? *Yes*
- Have you determined that the proposed action will have "no effect" on the northern longeared bat? (If you are unsure select "No") No
- 3. Will your activity purposefully **Take** northern long-eared bats? *No*
- Is the project action area located wholly outside the White-nose Syndrome Zone? Automatically answered No
- 5. Is the project action area located within 0.25 miles of a known northern long-eared bat hibernaculum?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency

Automatically answered No

6. Is the project action area located within 150 feet of a known occupied northern long-eared bat maternity roost tree?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency

Automatically answered

No

Project Questionnaire

If the project includes forest conversion, report the appropriate acreages below. Otherwise, type '0' in questions 1-3.

1. Estimated total acres of forest conversion:

5

2. If known, estimated acres of forest conversion from April 1 to October 31 5

3. If known, estimated acres of forest conversion from June 1 to July 31

0

If the project includes timber harvest, report the appropriate acreages below. Otherwise, type '0' in questions 4-6.

4. Estimated total acres of timber harvest

0

5. If known, estimated acres of timber harvest from April 1 to October 31 *0*

6. If known, estimated acres of timber harvest from June 1 to July 31 *0*

If the project includes prescribed fire, report the appropriate acreages below. Otherwise, type '0' in questions 7-9.

7. Estimated total acres of prescribed fire

0

8. If known, estimated acres of prescribed fire from April 1 to October 31

0

9. If known, estimated acres of prescribed fire from June 1 to July 31

0

If the project includes new wind turbines, report the megawatts of wind capacity below. Otherwise, type '0' in question 10.

10. What is the estimated wind capacity (in megawatts) of the new turbine(s)?

0

Attachment 9

Native American Tribe Inquiries/Responses

From:	Sue Young <ogs1@maliseets.com></ogs1@maliseets.com>
Sent:	Thursday, November 14, 2019 11:23 AM
То:	Stefanie Nichols
Subject:	RE: 18347-Fallbrook Commons, Portland - Houlton Band of Maliseet

Good morning Stefanie,

We do not have an immediate concern with your project or project site, and do not currently have the resources to fully investigate same. Should any human remains, archaelogical properties or other items of historical importance be unearthed while working on this project, we recommend that you stop your project and report your findings to the appropriate authorities including the Houlton Band of Maliseet Indians.

Thank you.

Susan Young

Tribal Historic Preservation Officer Natural Resources Director Houlton Band of Maliseet Indians 88 Bell Road Littleton, ME 04730 207-532-4273 ext. 202 fax 207-532-6883

ogs1@maliseets.com

www.maliseets.com

From: Stefanie Nichols [mailto:snichols@sebagotechnics.com]
Sent: Thursday, November 07, 2019 9:29 AM
To: Sue Young
Subject: 18347-Fallbrook Commons, Portland - Houlton Band of Maliseet

Sue,

Please find a formal site review request attached. Please let me know if you require additional information.

Best, Stefanie

Stefanie Nichols *Permitting Specialist/Project Coordinator*

Sebago Technics, Inc. An Employee-Owned Company 75 John Roberts Rd., Suite 4A, South Portland, ME 04106 Office: 207.200.2100 | Direct: 207.200.2120 | Fax: 207.856.2206



Transmittal

18347

То:	Ms. Jennifer Pictou, THPO Aroostook Band of Micmacs jpictou@micmac-nsn.gov
From:	Stefanie Nichols Permitting Specialist/Project Coordinator
Date:	November 7, 2019
Subject:	Fallbrook Commons – Portland, ME

On behalf of the applicant, Sandy River Co., we respectfully request a project review for an 11.8-acre± property located on Merrymeeting Drive in the City of Portland. The applicant intends to build a new senior living facility and other associated site improvements requiring review by the City of Portland, Maine Department of Environmental Protection and U.S. Army Corps of Engineers.

Please review available resources for the presence of any structures or sites of historic, architectural or archaeological significance to the Aroostook Band of Micmacs as defined by the amended National Historic Preservation Act of 1966. Should you have any questions, or if you need additional information please do not hesitate to contact me. Thank you in advance for your assistance.

enc. Site location map



Transmittal

18347

То:	Mr. Donald Soctomah, THPO Passamaquoddy Tribe soctomah@gmail.com
From:	Stefanie Nichols Permitting Specialist/Project Coordinator
Date:	November 7, 2019
Subject:	Fallbrook Commons – Portland, ME

On behalf of the applicant, Sandy River Co., we respectfully request a project review for an 11.8-acre± property located on Merrymeeting Drive in the City of Portland. The applicant intends to build a new senior living facility and other associated site improvements requiring review by the City of Portland, Maine Department of Environmental Protection and U.S. Army Corps of Engineers.

Please review available resources for the presence of any structures or sites of historic, architectural or archaeological significance to the Passamaquoddy Tribe as defined by the amended National Historic Preservation Act of 1966. Should you have any questions, or if you need additional information please do not hesitate to contact me. Thank you in advance for your assistance.

enc. Site location map



Transmittal

18347

Subject:	Fallbrook Commons – Portland, ME
Date:	November 7, 2019
From:	Stefanie Nichols Permitting Specialist/Project Coordinator
То:	Mr. Christopher Sockalexis, THPO Cultural & Historic Preservation Department Penobscot Nation chris.sockalexis@penobscotnation.com

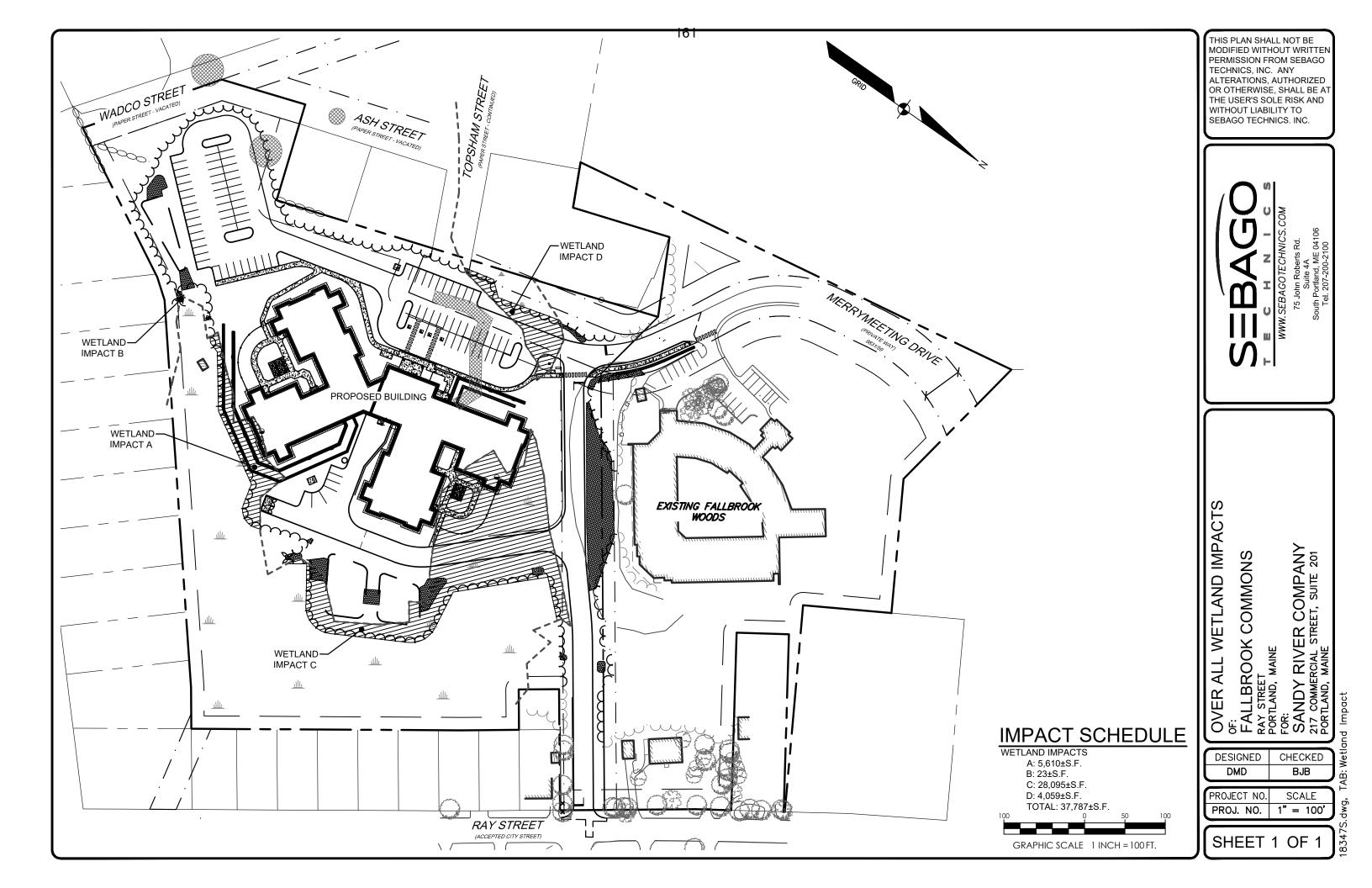
On behalf of the applicant, Sandy River Co., we respectfully request a project review for an 11.8-acre± property located on Merrymeeting Drive in the City of Portland. The applicant intends to build a new senior living facility and other associated site improvements requiring review by the City of Portland, Maine Department of Environmental Protection and U.S. Army Corps of Engineers.

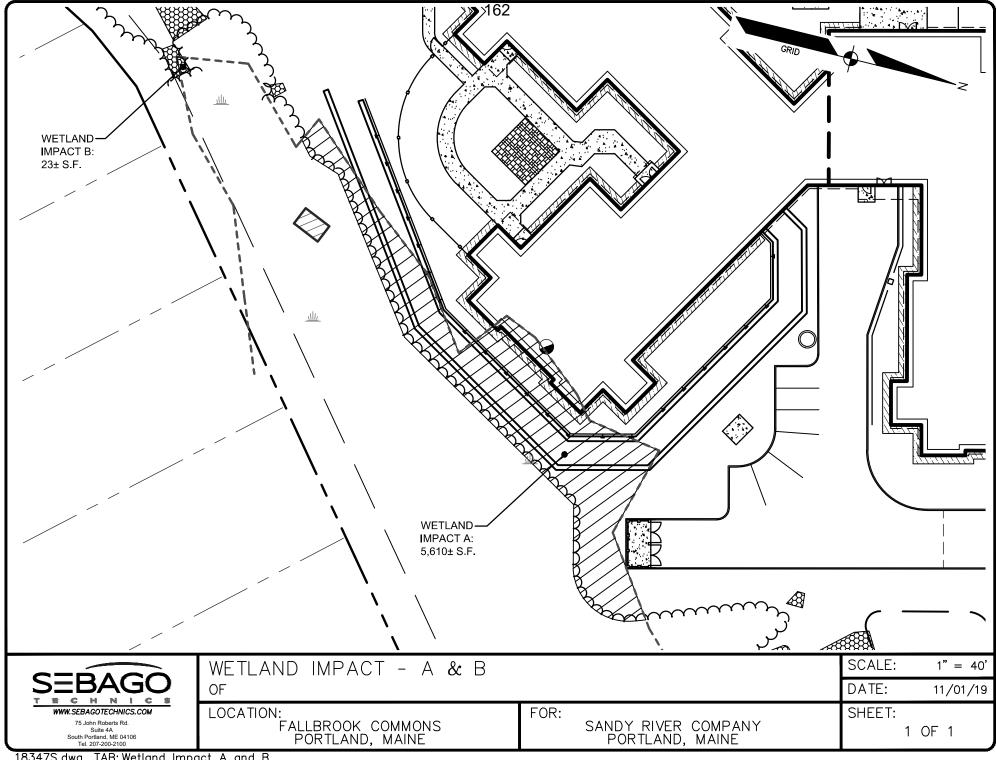
Please review available resources for the presence of any structures or sites of historic, architectural or archaeological significance to Penobscot Nation as defined by the amended National Historic Preservation Act of 1966. Should you have any questions, or if you need additional information please do not hesitate to contact me. Thank you in advance for your assistance.

enc. Site location map

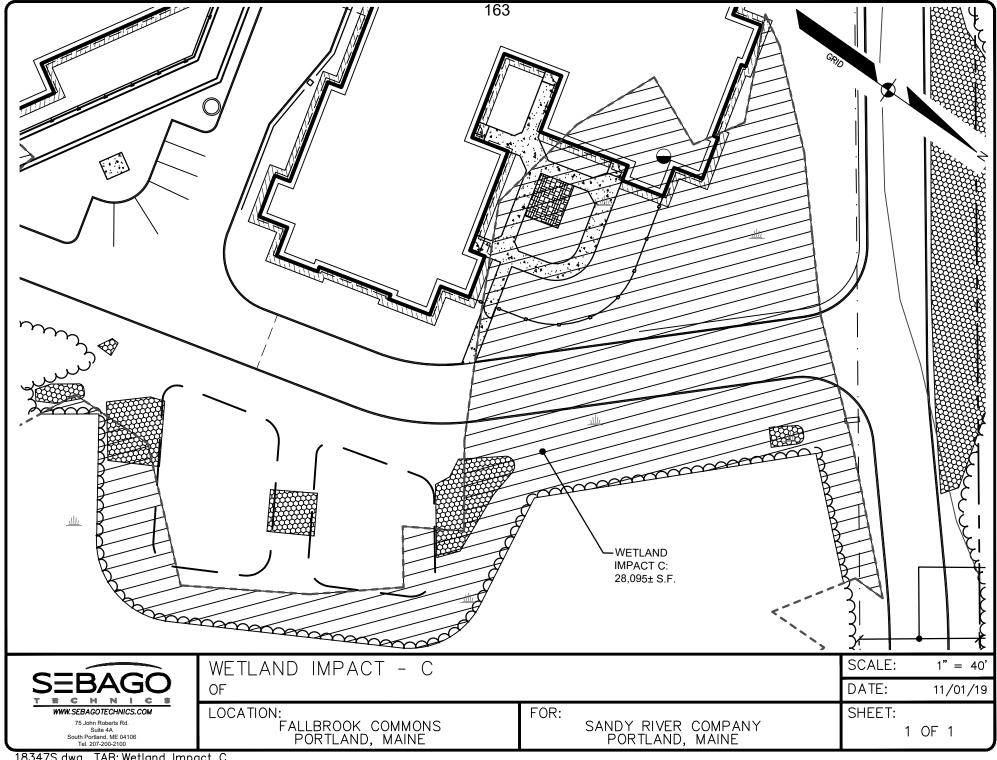
Attachment 10

Impact Figures

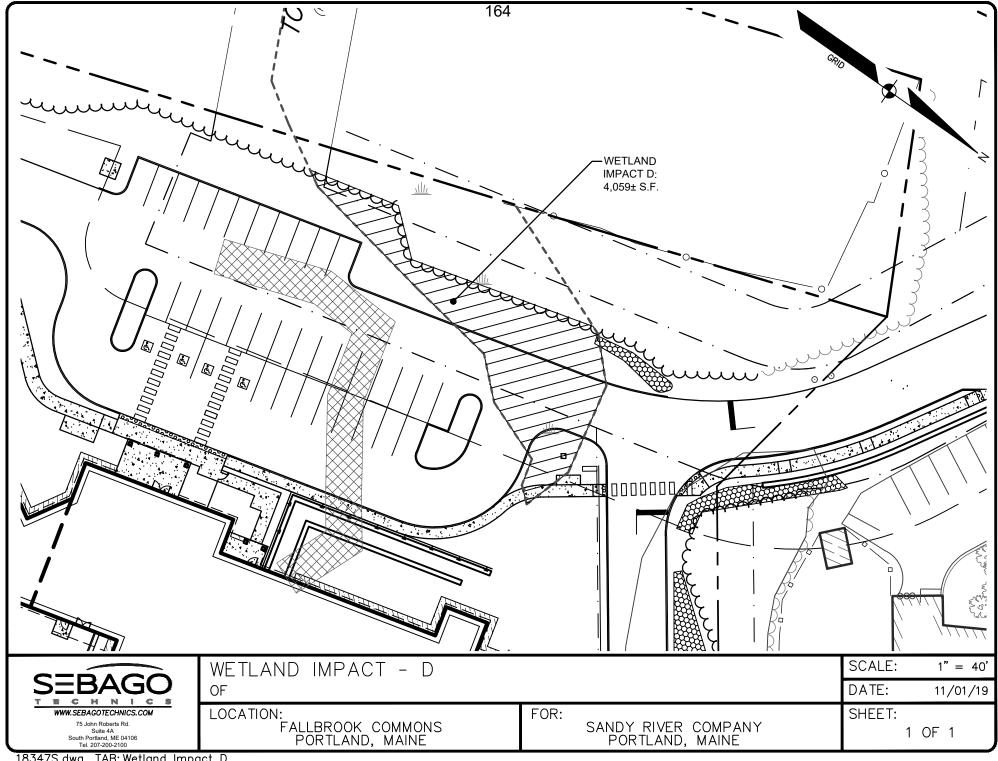




¹⁸³⁴⁷S.dwg, TAB: Wetland Impact A and B



¹⁸³⁴⁷S.dwg, TAB: Wetland Impact C





CIVIL ENGINEERING • SURVEYING • LANDSCAPE ARCHITECTURE

Natural Resource Protection Act Permit Application Fallbrook Commons

Prepared for Fallbrook Commons Development, LLC P.O. Box 110 Portland, ME 04112

> Prepared by Sebago Technics 75 John Roberts Rd. South Portland, ME 04106

> > February 2020 18347

75 John Roberts Road – Suite 4A, South Portland, ME 04106-6963 • 207-200-2100 • Fax: 207-856-2206

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- Attachment 3 Location Map
- Attachment 4 Right, Title and/or Interest
- Attachment 5 Maine Natural Areas Program Site Review
- Attachment 6 Maine Historic Preservation Inquiry
- Attachment 7 Visual Field Survey Appendix A
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- Attachment 9 Native American Tribe Inquiries/Responses
- Attachment 10 Impact Figures

Augusta, Maine 04333

FOR DE	P USE
AIS#	

L- _____

Total Fees:

Date: Received

Telephone: 207-287-7688 **APPLICATION FOR A NATURAL RESOURCES PROTECTION ACT PERMIT** → PLEASE TYPE OR PRINT IN BLACK INK ONLY

1. Name of Applicant:	Fallbrook Commons Development, LLC				5.Name of Agent: Sebago Technics, Inc/Daniel Danvers			iel Danvers						
2. Applicant's Mailing Address:	P.O. Box 110 Portland, ME 04112				6. Agent's Mailing Address:			75 John Roberts Road, Suite 4A South Portland, ME 04106						
3. Applicant's Daytime Phone #:	207	-233-8	3665				7. Agent' Phone		time	20	7-200	-2125		
4. Applicant's Email A (Required from <i>either</i> or agent):			dmaguire	@san	dyrive		8. Agent':	s Ema	il Addre	ess:	ddan	vers@seb	agotecl	nnics.com
9. Location of Activity (Nearest Road, Street,		Ray	Street/Mer	rymee	eting D	Drive	10. Town:	Port	land	11. County: Cumberland				
12. Type of Resource: (Check all that apply)	 Great Pond Coastal Wetland 			13. Name of Resource: un-named 14. Amount of Impact: Fill: 37,787 s.f. (Sq.Ft.) Dredging/Veg Removal/Other:			/al/Other:							
15. Type of Wetland:		rested					F	OR FF	RESHW	ATER	R WE	TLANDS		
(Check all that apply)		rub Sh				Tier			Tie				Tier	r 3
	 Emergent Wet Meadow Peatland Open Water Other 				□ 5 □ 1	0,000-1	999 sq ft 4,999 sq ft	99 sq ft I,999 sq ft, n			an 43,560 not eligible r 1			
16. Proposed Start Date <u>and</u> Brief Activity Description: 17. Size of Lot or Parc			n of a two-	story,	58,19				construc				ner 202	0
& UTM Locations:	-	I	square f	eet, oi	r 🖄	12.78	acres UT	M Nor	thing: _			UTM Eas	ting:	
18. Title, Right or Inter	rest:	• ow	n		ase	🛙 puro	chase opti	on [writte	n agre	eme	nt		
19. Deed Reference N		rs: E	Book#: 275	501	Page:	-	20. Ma	p and	Lot Nur		: M	lap #: 400		:#: D23-001
21. DEP Staff Previous Contacted:	sly						22. Part project:	of a la		□ Yes ⊠ No		After-the- Fact:	Y III N IX	
23. Resubmission	🗆 Ye	~	If yes, pre	Nious			project.		Previo	-				No
of Application?:		-	applicatio		5				mana	-	Jeci			
24. Written Notice of Violation?:	☐ Ye ⊠ No	s 🗲	If yes, na enforceme	me of		/olved:						revious W		☐ Yes ⊠ No
26. Detailed Directions to the Project Site:			anco Road til the inter											past Maine
 Title, right or interest Topographic Map Narrative Project De Plan or Drawing (8 1 Photos of Area Statement of Avoida Statement/Copy of content 	Title, right or interest documentationImage: Title, right or interest documentationTopographic MapTopographic MapNarrative Project DescriptionTopographic MapPlan or Drawing (8 1/2" x 11")Copy of Public Notice/PublicPhotos of AreaWetlands Delineation ReportStatement of Avoidance & MinimizationWetlands Delineation listed under Site ConditionsStatement/Copy of cover letter to MHPCAlternatives Analysis (Attachment 2) including description of how wetland impacts were Avoided/Minimized				chment 3), if nent 4), if quired er to MHPC									
28. FEES Amount End	closed	1:	\$ 1292.32	2										
CEF	RTIF	ICA	TIONS	AN	ID S	SIGNA	TURE	SL	OCA ⁻	TED	ON	PAG	E 2	

IMPORTANT: IF THE SIGNATURE BELOW IS NOT THE APPLICANT'S SIGNATURE, ATTACH LETTER OF AGENT AUTHORIZATION SIGNED BY THE APPLICANT.

By signing below the applicant (or authorized agent), certifies that he or she has read and understood the following :

DEP SIGNATORY REQUIREMENT

PRIVACY ACT STATEMENT

Authority: 33 USC 401, Section 10; 1413, Section 404. Principal Purpose: These laws require permits authorizing activities in or affecting navigable waters of the United States, the discharge of dredged or fill material into waters of the United States, and the transportation of dredged material for the purpose of dumping it into ocean waters. Disclosure: Disclosure of requested information is voluntary. If information is not provided, however, the permit application cannot be processed nor a permit be issued.

CORPS SIGNATORY REQUIREMENT

USC Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry shall be fines not more than \$10,000 or imprisoned not more than five years or both. I authorize the Corps to enter the property that is subject to this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein.

DEP SIGNATORY REQUIREMENT

"I certify under penalty of law that I have personally examined the information submitted in this document and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I authorize the Department to enter the property that is the subject of this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Further, I hereby authorize the DEP to send me an electronically signed decision on the license I am applying for with this application by emailing the decision to the address located on the front page of this application (see #4 for the applicant and #8 for the agent)."

Date:

NOTE: Any changes in activity plans must be submitted to the DEP and the Corps in writing and must be approved by both agencies prior to implementation. Failure to do so may result in enforcement action and/or the removal of the unapproved changes to the activity.

SIGNATURE OF AGENT/APPLICANT

(pink)



Attachment 1

Project Information

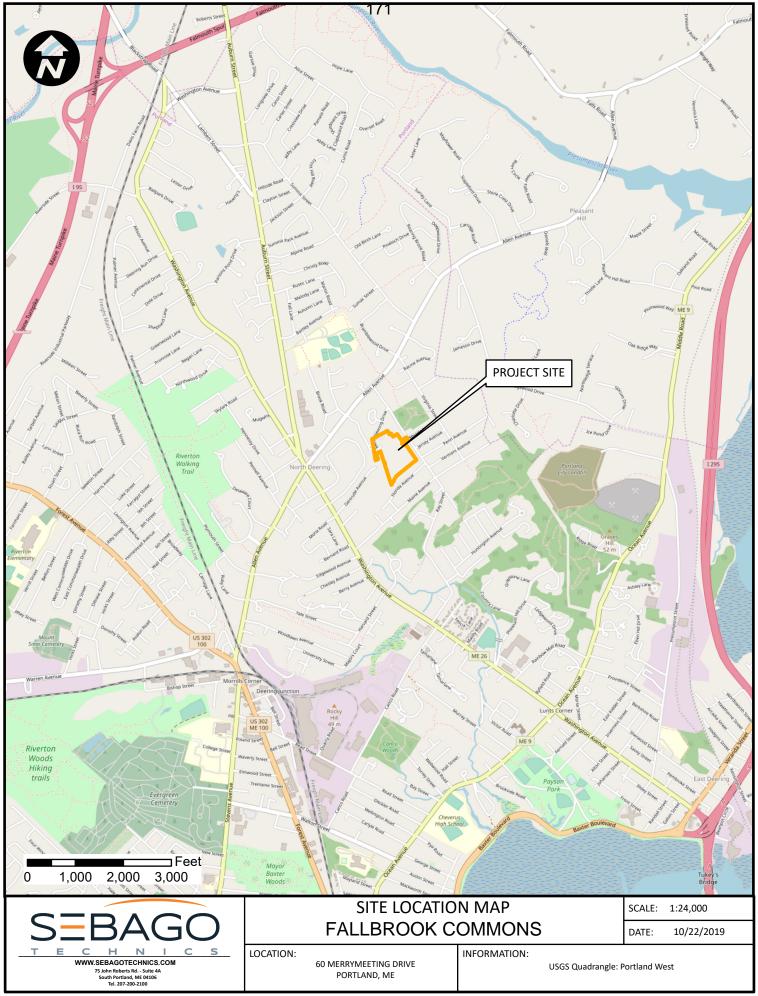
- Project Description
- Location Map
- Right Title Interest
- Corporate Status
- Abutter List

Project Description

The project includes a new 90-bed licensed nursing care center located next to Fallbrook Woods assisted living facility. The campus approach will allow visitors to access both facilities, provide a seamless transfer for assisted living residents that might need nursing care services, and allow an opportunity for shared support services and management. The development includes the construction of a two story, 58,197 sf building that will include three separate "neighborhoods" within the building with a shared commercial kitchen, community areas, and two parking areas totaling 92 parking spaces. Fallbrook Commons proposes a main entrance off Ray Street, and an emergency connection to Merrymeeting Drive.

This project will happen as one phase, which will involve clearing the incidental vegetation, ledge removal, and site preparations for the building, and stormwater BMP's. Construction is expected to commence Summer 2020 and be completed by late 2021.

In addition to preserving much of the existing vegetation, this project features extensive proposed landscaping, predominantly using native plant species, which will support wildlife habitat throughout the site.



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Corporate Name Search

Information Summary

Subscriber activity report

This record contains information from the CEC database and is accurate as of: Tue Nov 12 2019 13:38:02. Please print or save for your records.

Legal Name	Charter Number	Filing Type	Status
FALLBROOK COMMONS DEVELOPMENT LLC	20200861DC	LIMITED LIABILITY COMPANY (DOMESTIC)	GOOD STANDING
Filing Date	Expiration Date	Jurisdiction	
08/12/2019	N/A	MAINE	
Other Names		(A=Assumed ; F=Fo	ormer)

NONE

Clerk/Registered Agent

JAMES N. BRODER, ESQ. C/O BERNSTEIN SHUR P.O. BOX 9729 PORTLAND, ME 04104 5029

Back to previous screen

New Search

Click on a link to obtain additional information.

List of Filings	View list of filings	
Obtain additional information:		
Additional Addresses	<u>Plain Copy</u>	Certified copy
Certificate of Existence (more info)	Short Form without amendments (\$30.00)	Long Form with amendments (\$30.00)

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© Department of the Secretary of State

AGREEMENT FOR PURCHASE AND SALE OF REAL ESTATE

AGREEMENT ("Agreement") made and entered into this 28th day of August, 2019, by and between Fallbrook Properties, LLC, a Maine corporation ("Seller"), having a mailing address of 60 Merrymeeting Drive, Portland, Maine 04013 and Fallbrook Care Development LLC, a Maine corporation with an address of PO Box 110, Portland, Maine 04112 or its assigns ("Buyer").

RECITALS

Seller is party to a Memorandum of Agreement relating to a project that entails the conveyances by Seller to a Joint Venture of real property (two land parcels) located adjacent to Fallbrook Woods in Portland, Maine, and the use of such assets by Buyer to develop, build and operate a new assisted living facility. This Agreement for the Purchase and Sale of Real Estate is contemplated by the Memorandum of Agreement., Joint Venture, dates August 28, 2019.

In consideration of the mutual covenants and agreements herein contained herein, the receipt and sufficiency of which are hereby acknowledged, Seller and Buyer hereby agree as follows:

- 1. <u>PURCHASE AND SALE</u>. Seller agrees to sell, and Buyer agrees to buy, on the terms and conditions hereinafter set forth certain real estate, and all appurtenances thereof, consisting of two parcels of real estate shown for illustration purposes in the diagram attached as <u>Exhibit A</u>. Copies of the legal descriptions to be used in conveying the Property are annexed hereto and incorporated herein by reference as <u>Exhibit A</u> (collectively to be referred to as the "Property").
- 2. <u>PURCHASE PRICE AND DEPOSIT</u>: As consideration for the conveyance of the Property, Buyer shall pay to Seller at Closing the sum of \$800,000.
- 3. <u>PERFORMANCE AT CLOSING</u>: At Closing, Seller shall deliver to Buyer a deed, conveying the Property in fee simple with good and marketable title in accordance with standards of title adopted by the Maine Bar Association, and subject to the Permitted Encumbrances, and Buyer shall pay the Purchase Price as provided herein and execute all necessary papers for the completion of the purchase on or before August 30, 2020, unless extended by mutual agreement of the parties.

period, not to exceed 30 days from the time Seller receives written notice of the defect, unless otherwise agreed to by both parties, to remedy the title, after which time, if such defect is not corrected so that there is marketable title, Buyer may within forty-five (45) days thereafter, at Buyer's option, withdraw said earnest money and neither party shall have any further obligation hereunder. Seller hereby agrees to make a goodfaith effort to cure any title defect during such period, but shall not be obligated to expend more than \$5,000 to cure. If Closing of the real estate transaction is delayed on account of such defects, the parties shall bargain regarding whether and the terms under which the remainder of the closing contemplated under the Memorandum of Agreement may be consummated and this real estate transaction completed thereafter.

- b. Seller further agrees to execute and deliver to Buyer at Closing the following documents: (i) a Certificate of Non-Foreign Status (as required by Internal Revenue Service regulations); (ii) a title insurance "Seller's Affidavit" regarding mechanics liens and persons in possession; (iii) an affidavit regarding underground storage tanks (as required by Maine Law), and (iv) documents demonstrating Seller's authority to convey and good standing as evidenced by a copy of Seller's resolution authorizing the transaction contemplated herein and all other documents regarding authority or any other matter reasonably required from the Closing.
- c. To the extent that the conveyance of title to the Property to Buyer requires the subdivision of lots, Buyer shall bear the cost, or shall reimburse Seller, for the cost of any outside legal and surveyor expense reasonably necessary to secure such subdivision, including any necessary municipal or other approvals.

4. <u>DEED</u>: The Property shall be conveyed by a quitclaim with covenant deed and shall be free and clear of all encumbrances except for Permitted Encumbrances, and except for covenants, conditions, easements and restrictions of record and usual public utilities servicing the Property and shall be subject to applicable land use and building laws and regulations.

5. <u>POSSESSION/OCCUPANCY</u>: Possession/occupancy of Property shall be given to Buyer immediately at Closing unless otherwise agreed by both parties in writing.

6. <u>RISK OF LOSS</u>: Until transfer of title, the risk of loss or damage to said Property by fire or otherwise is assumed by Seller unless otherwise agreed in writing. Said Property shall at closing be in substantially the same condition as at present, excepting reasonable use and wear.

7. <u>PRORATIONS</u>: The following items shall be prorated as of the date of closing:

a. Buyer and Seller shall each pay one-half of the transfer tax as required by the laws of the State of Maine.

- b. Buyer and Seller shall reasonably cooperate on the proration of any other needed item at Closing. The property is vacant land, and so no heating oil or water and sewer charges are expected.
- c. Real Estate Taxes for any potions of the Property subject to such taxes, based on the municipality's current tax year.

8. <u>INSPECTION</u>. Buyer may enter into any part of the Property at all reasonable times in order to inspect the Property, conduct surveys, soil tests and engineering studies and to do such things as are reasonably necessary with respect to its acquisition and intended development of the Property. In the event that the Buyer does not terminate this Agreement, this inspection contingency to its obligation to close shall be conclusively deemed waived.

9. <u>AGENCY DISCLOSURE</u>: Buyer and Seller acknowledge that they have not engaged a real estate broker in their transaction.

10. <u>PRIOR STATEMENTS</u>: This Agreement and the referenced Memorandum of Agreement set forth the entire agreement between the parties relating to the conveyance of the property described in Exhibit A, and there are no other representations, agreements or understandings with respect to the subject matter of this Agreement.

11. <u>ASSIGNS</u>: This Agreement shall extend to and be obligatory upon successors, and assigns of the respective parties. This Agreement may be assigned only to persons or entities controlling, controlled by, or under common control of a party.

12. <u>COUNTERPARTS</u>: This Agreement may be signed on any number of identical counterparts, including telefax copies, with the same binding effect as if all of the signatures were on one instrument.

13. <u>BUYER'S NOMINEE</u>: Buyer may transfer its rights under this Agreement to an entity or the nominee which it controls. Buyer shall, however, remain jointly and severally liable with such transferee for all of Buyer's obligations under this Agreement and under the Memorandum of Agreement, and such transferee shall be required to assume joint and several liability for all such obligations. Buyer shall give Seller prompt written notice of any such transfer at least seven (7) days before the scheduled Closing, which notice shall include sufficient information to identify the transferee entity or nominee and certified copies of its organizational documents. No assignment shall be valid unless Seller has approved the agreement pursuant to which the assignment is consummated. No other assignment of this Agreement by Buyer is permitted.

14. <u>EFFECTIVE DATE</u>: This Agreement is a binding contract when signed by both Seller and Buyer and when that fact has been communicated to all parties or to their agents. Time is of the essence of this Agreement to the extent set forth in the Master Agreement.

15. <u>BEST EFFORTS</u>: Each of the parties shall undertake to take all reasonable steps necessary to achieve the satisfaction of conditions leading to a Closing under this Agreement.

16. <u>FACSIMILE COPIES</u>: All parties to this Agreement agree to accept facsimile or photocopies of this document and any signatures thereto as originals.

17. <u>REPRESENTATIONS OF SELLER</u>: Seller represents to Buyer that the following are true as of the date of this Agreement and will be true as of the Closing:

- a. To the best of Seller's knowledge, there are no violations of any applicable law, ordinance or regulation at the Property.
- b. To the best of Seller's knowledge, there are no special wastes, underground storage tanks, asbestos containing materials, waste oil, petroleum and any other hazardous substances, materials or wastes contaminating the Property. The terms used in the foregoing sentence shall include, without limitation, all substances, materials, etc., designated by such terms under any laws, ordinances, or regulations, whether federal, state, or local. This presentation shall except such materials used in the regular course of business and disposed of in compliance with all applicable laws.
- c. Other than matters of record that constitute Permitted Encumbrances, there are no outstanding pending or threatened liens, claims, rights of first refusal, or encumbrances against the Property.

18. <u>NOTICES</u>. Any notice or communication given pursuant to this Agreement by either of the parties to the other shall be in writing and delivered as provided in the Master Agreement for notices.

19. <u>GOVERNING LAW</u>. This Agreement shall be construed according to the laws of the State of Maine.

20. TERMINATION OF AGREEMENT. This Agreement shall terminate if:

a. The Memorandum of Agreement is terminated.

b. Any other condition precedent set forth in the Memorandum of Agreement required to be fulfilled is not fulfilled (or waived by the party having the waive such condition) by August 30, 2020.

The Memorandum of Agreement is terminal 28 ą,

Any other condition precedent set forth in the Memorandum of b. Agreement required to be fulfilled is not fulfilled (or waived by the party having the waive such condition) by August 30, 2020.

Seller acknowledges that the laws of the State of Maine provide that every buyer of real property located in Maine must withhold a withholding tax equal to 2-1/2% of the consideration unless Seller furnishes to Buyer a certificate by the Seller stating, under penalty of perjury, that Seller is a resident of Maine or the transfer is otherwise exempt from withholding.

tallbrock live Development U.C. Buyer Ħ

Signature ^a

Daniel MAGL Name/Title, there unto duly authorized

Member

Seller accepts Buyer's offer and agrees to deliver the Property at the price and upon the terms and conditions set forth above.

Signed this 20th day of Aucher 2019.

Seller FALLIBRION PROPERTY LIC Tax I.D. # 270433266

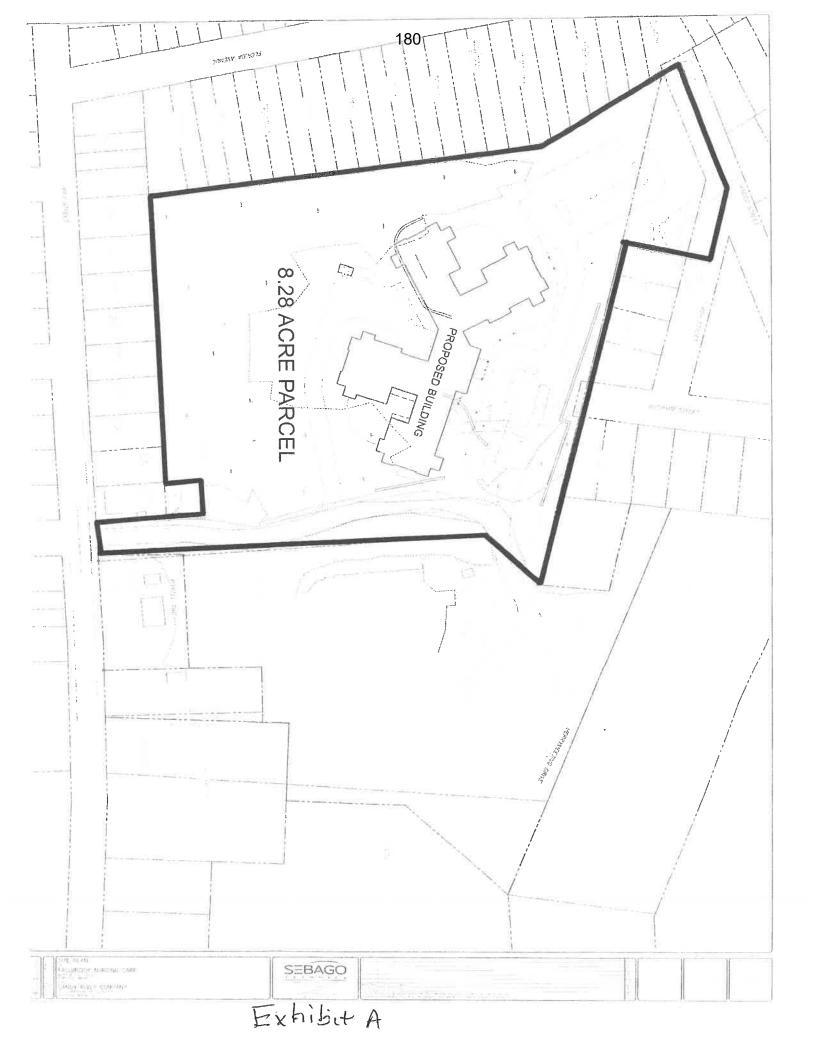
Signaturd

JOHN C. ORESTIS, PRINCIPAL SUMANAGING NGMBOR Name Title, there unto duly authorized

EXHIBIT A

(legal descriptions begin on next page)

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AGREEMENT FOR PURCHASE AND SALE OF REAL ESTATE

AGREEMENT ("Agreement") made and entered into this 28th day of August, 2019, by and between Fallbrook Properties, LLC, a Maine corporation ("Seller"), having a mailing address of 60 Merrymeeting Drive, Portland, Maine 04013 and Fallbrook Care Development LLC, a Maine corporation with an address of PO Box 110, Portland, Maine 04112 or its assigns ("Buyer").

RECITALS

Seller is party to a Memorandum of Agreement relating to a project that entails the conveyances by Seller to a Joint Venture of real property (two land parcels) located adjacent to Fallbrook Woods in Portland, Maine, and the use of such assets by Buyer to develop, build and operate a new assisted living facility. This Agreement for the Purchase and Sale of Real Estate is contemplated by the Memorandum of Agreement., Joint Venture, dates August 28, 2019.

In consideration of the mutual covenants and agreements herein contained herein, the receipt and sufficiency of which are hereby acknowledged, Seller and Buyer hereby agree as follows:

- 1. <u>PURCHASE AND SALE</u>. Seller agrees to sell, and Buyer agrees to buy, on the terms and conditions hereinafter set forth certain real estate, and all appurtenances thereof, consisting of a parcel of real estate shown for illustration purposes in the diagram attached as <u>Exhibit A</u>. Copies of the legal description to be used in conveying the Property are annexed hereto and also incorporated herein by reference as <u>Exhibit A</u> (collectively to be referred to as the "Property").
- 2. <u>PURCHASE PRICE AND DEPOSIT</u>: As consideration for the conveyance of the Property, Buyer shall pay to Seller at Closing the sum of \$800,000.
- 3. <u>PERFORMANCE AT CLOSING</u>: At Closing, Seller shall deliver to Buyer a deed, conveying the Property in fee simple with good and marketable title in accordance with standards of title adopted by the Maine Bar Association, and subject to the Permitted Encumbrances, and Buyer shall pay the Purchase Price as provided herein and execute all necessary papers for the completion of the purchase on or before August 30, 2020, unless extended by mutual agreement of the parties.

EXHIBIT A Proposed Description Parcel One

A certain lot or parcel of land situated on the westerly sideline of Ray Street in the City of Portland, County of Cumberland, State of Maine as depicted on a plan titled "Existing Conditions of Fallbrook Nursing Care, Merrymeeting Drive, Portland, Maine for Sandy River Company, 217 Commercial Street, Suite 201, Portland, Maine 04112, Record Owner Fallbrook Properties, LLC, 418 Ray Street, Portland Maine 04103" by Sebago Technics, Inc., dated May 30, 2019 and revised through July 10, 2019 to be recorded in the Cumberland County Registry of Deeds (CCRD) and being more particularity bounded and described as follows:

Beginning at a 5/8-inch rebar, 6-inches above grade on the westerly sideline of Ray Street and the northerly corner of land now or formerly of Amanda J. Connelly as described in a deed recorded in the CCRD in Book 34668, Page 155;

Thence S 54°32'18" W, along land now or formerly of Amanda J. Connelly and land now or formerly of Donald A. Thompson, Jr. and Evelyn L. Thompson JTS as described in a deed recorded in the CCRD in Book 6632, Page 99, a distance of 150.00 feet to a 5/8-inch iron rod, 8-inches above grade;

Thence S 35°27'42" E, along land now or formerly of Donald A. Thompson, Jr. and Evelyn L. Thompson JTS, a distance of 50.00 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence N 54°32'18" E, along land now or formerly of Donald A. Thompson, Jr. and Evelyn L. Thompson JTS, a distance of 50.00 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set at land now or formerly of Jason D. Smith and Laurie R. Smith JTS as described in a deed recorded in the CCRD in Book 32730, Page 23;

Thence S 35°27'42" E, along land now or formerly of Jason D. Smith and Laurie R. Smith JTS and land now or formerly of Debora D. Morgan as described in a deed recorded in the CCRD in Book 13636, Page 105, a distance of 72.78 feet to a point;

Thence S 34°40'07" E, along land now or formerly of Debora D. Morgan, Gladys A. Moody as described in a deed recorded in the CCRD in Book 32780, Page 65, Marilyn D. Webb as described in a deed recorded in the CCRD in Book 29023, Page 310, Anna J. Aiken and James W. Aiken JTS as described in a deed recorded in the CCRD in Book 25390, Page 8, John M. Scholz as described in a deed recorded in the CCRD in Book 10841, Page 202, Jaime L. Hiltz as described in a deed recorded in the CCRD in Book 2002, Jaime L. Hiltz as described in a deed recorded in the CCRD in Book 202, Jaime L. Hiltz as described in a deed recorded in the CCRD in Book 32054, Page 195, a distance of 333.24 feet to a 5/8-inch iron rod, 15-inches above grade at land now or formerly of Hon Khuu as described in a deed recorded in the CCRD in Book 32806, Page 341;

Thence S 54°36'33" W, along land now or formerly of Regan S. Brendan, a distance of 51.09 feet to a point;

Thence S 51°05'03" W, along land now or formerly of Regan S. Brendan, land now or formerly of Christian Sabrina Katheryn as described in a deed recorded in the CCRD in Book 32949, Page 39, land now or formerly of Mary A. Packard and Amanda M. Packard as described in a deed recorded in the CCRD in Book 10936, Page 100, land now or formerly of Haylee E. Hasson as described in a deed recorded in the CCRD in Book 33706, Page 89, land now or formerly of Hilary Carr as described in a deed recorded in the CCRD in Book 23976, Page 255, land now or formerly of Paula M. Urbach as described in a deed recorded in the CCRD in Book 31613, Page 621, land now or formerly of Ian P. Houseal as described in a deed recorded in the CCRD in Book 31613, Page 621, land now or formerly of Ian P. Houseal as described in a deed recorded in the CCRD in Book 31613, Page 621, land now or formerly of Ian P. Houseal as described in a deed recorded in the CCRD in Book 31613, Page 621, land now or formerly of Ian P. Houseal as described in a deed recorded in the CCRD in Book 30070, Page 164, land now or formerly of Luis O. Garcia and Monica M. Garcia JTS as described in a deed recorded in the CCRD in Book 30353, Page 291 and land now or formerly of Matthew A. Anderson as described in a deed recorded in the CCRD in Book 32380, Page 112, a distance of 481.12 feet to a 5/8-inch iron rod, 12-inches above grade;

Thence S 37°28'58" W, along land now or formerly of Matthew A. Anderson, a distance of 29.58 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence S 28°22'08" W, along land now or formerly of Matthew A. Anderson, land now or formerly of Megan T. and Jonathan A. York JTS as described in a deed recorded in the CCRD in Book 25317, Page 156 and land now or formerly of Joy M. and Michael J. Borlawsky as described in a deed recorded in the CCRD in Book 9606, Page 268, a distance of 186.45 feet;

Thence S 29°23'41" W, along land now or formerly of Joy M. and Michael J. Borlawsky, a distance of 20.45 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set at the centerline of the vacated Wadco Street as depicted on a Plan recorded at the CCRD in Plan Book 16, Page 29;

Thence N 54°10'52" W, through the vacated Wadco Street, a distance of 182.25 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence N 18°20'52" W, through the vacated Wadco Street and the vacated Ash Street as depicted on a Plan recorded at the CCRD in Plan Book 16, Page 29, a distance of 108.08 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence N 71°39'08" E, through the vacated Ash Street and along land now or formerly of Jeffrey A. Hayes Trustee as described in a deed recorded in the CCRD in Book 30716, Page 21, a distance of 123.80 feet to a point;

Thence N 17°52'57" W, along land now or formerly of Jeffrey A. Hayes Trustee, land now or formerly of Bertha L. Judkins as described in a deed recorded in the CCRD in Book 7750, Page 196, Topsham Street as depicted on a Plan recorded at the CCRD in Plan Book 16, Page 29, land now or formerly of House of Hogwarts, LLC as described in a deed recorded in the CCRD in Book 34616, Page 309, a distance of 369.17 feet to a 1-inch iron pipe, 2-inches above grade;

Thence N 18°18'12" W, along land now or formerly of House of Hogwarts, LLC, a distance of 125.00 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence S 79°57'00" E, through land of Fallbrook Properties, LLC, a distance of 99.99 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set;

Thence N 54°32'18" E, through land to be retained by Fallbrook Properties, LLC, a distance of 420.18 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set at other land of Fallbrook Properties, LLC;

Thence continuing N 54°32'18" E, through other land of Fallbrook Properties, LLC, a distance of 119.82 feet to a 5/8-inch rebar with plastic cap inscribed "STI PLS 2534" to be set on the westerly sideline of Ray Street;

Thence S 35°27'42" E, along Ray Street, a distance of 55.00 feet to the Point of Beginning;

Containing approximately 8.28 Acres.

The bearings herein are Grid North, Maine State Plane Coordinate System, West Zone 1802, NAD83.

August 28, 2019 AJS/jg

Current Owner Information:

CBL	400 D023001
Land Use Type Verify legal use with Inspections Division	RETAIL & PERSONAL SERVICE
Property Location	60 MERRYMEETING DR
Owner Information	FALLBROOK PROPERTIES LLC 418 RAY ST PORTLAND ME 04103
Book and Page	27501/183
Legal Description	400-D-23 402-I-1 403-F-1 RAY ST 362-362 MERRYMEETING DR 60 549978 SF
Rental Registration	No
Acres	12.6258

Current Assessed Valuation:

TAX ACCT NO.	25421	OWNER OF RECORD AS OF APRIL 2019
LAND VALUE	\$305,600.00	FALLBROOK PROPERTIES LLC
BUILDING VALUE	\$3,086,400.00	418 RAY ST
NET TAXABLE - REAL ESTATE	\$3,392,000.00	PORTLAND ME 04103

TAX AMOUNT \$79,067.52

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or e-mailed.

Building Information:

Building 1Year Built1993Style/Structure Type1# Units1Square Feet27600

View Sketch

View Map



Exterior/Interior Information:

	Building 1
Levels	01/01
Size	27600
Use	NURSING HOME
Height	9
Walls	FRAME
Heating	HEAT PUMP
A/C	CENTRAL

Other Features:

	Building 1
Structure	SPRINKLER - WET
Size	27600X1

	Building 1
Structure	CANOPY - ONLY
Size	708X1

Outbuildings/Yard Improvements:

	Building 1
Year Built	1993
Structure	ASPHALT PARKING
Size	20000
Units	1
Grade	С
Condition	3

Building 1				
Year Built	1993			
Structure	LIGHT - MERCURY VAPOR, POLE			
Size	1X1			
Units	6			
Grade	С			
Condition	3			

Year Built	1993
Structure	SHED-FRAME
Size	10X14
Units	1
Grade	С
Condition	3

Sales Information:

Sale Date	Туре	Price	Book/Page
12/30/2009	LAND + BUILDING	\$0.00	27501/183

SHORT FORM QUITCLAIM DEED WITH COVENANT

FALLBROOK, INC., a Maine corporation with a principal place of business in Portland, Maine, FOR CONSIDERATION PAID, grants to **FALLBROOK PROPERTIES, LLC**, a Maine limited liability company whose mailing address is 418 Ray Street, Portland, Maine 04103, with QUITCLAIM COVENANT certain real property, together with any improvements thereon, located at 418 Ray Street, Portland, Cumberland County, Maine, and more particularly described on **Exhibit A** attached hereto and made a part hereof (the "<u>Premises</u>").

IN WITNESS WHEREOF, Fallbrook, Inc. has caused this instrument to be executed by Robert J. Feeney, its President thereunto duly authorized, this 15th day of December, 2009.

WITNESSETH:

FALLBROOK, INC.

Name: Robert JUFeene

Title: President

State of Maine County of Cumberland, ss.

December 15, 2009

PERSONALLY APPEARED the above-named Robert J. Feeney, President of Fallbrook, Inc., as aforesaid, and acknowledged the foregoing instrument to be his free act and deed in his said capacity and the free act and deed of said corporation.

Before me. Rinebert Name: Keran Title: Attor ney ME 9303

EXHIBIT A

A certain parcel of land situated Westerly of Ray Street in the City of Portland, County of Cumberland and State of Maine bounded and described as follows:

Beginning at the southeasterly corner of Fallbrook, a Condominium, at a point on the Westerly sideline of land now or formerly of John N. Jr. and Glennis E. Fitzpatrick (Book 2773, Page 224);

Thence, S 13°-05'-20" E by the land of Fitzpatrick 110.00 feet to a point marked by a 5/8" iron rod set;

Thence, N 76°-54 '-40" E by the land of Fitzpatrick 256.90 feet to a point on the Westerly sideline of Ray Street marked by 5/8" iron rod set;

Thence, S 16°-25'-15" E by the sideline of Ray Street 1.42 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Ivan G. and Edwina F. Callahan (Book 2997, Page 486);

Thence, S 73°-34'-45" W by the land of Callahan 220.00 feet to a point marked by a 5/8" iron rod set;

Thence, S 16°-25'-15" E by the land of Callahan 65.00 feet to a point marked by a 5/8" iron rod set;

Thence, N 73°-34'-45" E by the land of Callahan 100.00 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Malcolm A. and Gail E. McDonald (Book 3614, Page 219);

Thence, S 18°-02'-05" E by the land of McDonald 163.18 feet to a point marked by a 5/8" iron rod set;

Thence, N 74°-25'-15" E by the land of McDonald 120.00 feet to a point on the Westerly sideline of Ray Street marked by a 5/8" iron rod set;

Thence, S $18^{\circ}-35'-45''$ E by the sideline of Ray Street 47.17 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Donald A. and Evelyn Thompson (Book 2892, Page 451);

Thence, S 71°-24'-15" W by the land of Thompson 150.00 feet to a point marked by a 5/8" iron rod set;

Thence, S 18°-35'-45" E by the land of Thompson 50.00 feet to a point marked by a 5/8" iron rod set;

Thence, N 71°-24'-15" E by the land of Thompson 50.00 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Richard E. and Carolyn Grover (Book 2895, Page 492);

Thence, S 18°-35'-45" E by the land of Grover and by the land now or formerly of Raymond A. and Florence M. Sevigny (Book 2490, Page 327) 72.78 feet to a point marked by a 5/8" iron rod set;

Thence, S 17°-48'-10" E by the land of Sevigny and by the lands now or formerly of Gladys A. and Kenneth V. Moody (Book 3471, Page 62), Betty L. Denbow (Book 2682; Page 313), Anna J. Aiken (Book 3570, Page 212), David A. and Carolyn J. Matthews (Book 4483, Page 163), Laura H. Clark (Book 3708, Page 194), and George and Doris Castonia (Book 4960, Page 286) 333.24 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Frances F. Gatchell (Book 6257, Page 342);

Thence, S 71°-28'-30" W by the land of Gatchell 51.09 feet to a point marked by a 5/8" iron rod set;

Thence, S 67°-57'-00" W by the land of Gatchell and lands now or formerly of Eleanor L. and Sherry Sapko, Charles E. and Linda J. Foshay (Book 3920, Page 212), Linwood J. and Ruth L. Thaxter, Charles L. Arey (Book 2320, Page 55), Dorothy M. and Richard M. Butler (Book 3765, Page 177), Norman C. and Caroline M. Walton (Book 2014, Page 140), James P. and Lula S. Cullen (Book 2044, Page 474), and Glenda R. and Roger R. Pushor (Book 4755, Page 44) 481.12 feet to a point marked by a 5/8" iron rod set;

Thence, S 54°-20'-55" W by the land of Pushor 29.58 feet to a point marked by a 5/8" iron rod set;

Thence, S 45°-14'-05" W by the land now or formerly of Claire D. and Edward L. Gulick (Book 3782, Page 285) and by the land now or formerly of John H. and Jeannette B. Greer (Book 2824, Page 131) 186.45 feet to a stone wall intersection and the end of Wadco Street;

Thence, N 01°-01'-00" W by a stone wall 7.90 feet to the Northeasterly sideline of Wadco Street;

Thence, N 37°-18'-55" W by the sideline of Wadco Street 165.51 feet to a point marked by a 5/8" iron rod set at the Easterly sideline of Ash Street;

Thence, N 01°-28'-55" W by the sideline of Ash Street 100.00 feet to a point marked by a 5/8" iron rod set at the land now or formerly of Diane M. and Richard C. Hayes (Book 3615, Page 161);

Thence, N 88°-31'-05" E by the land of Hayes 98.80 feet to a stonewall;

Thence, N 01°-01'-00" W by the land of Hayes, the land now or formerly of Bertha C. Judkins, by the end of Topsham Street, and by the land now or formerly of David F. Marshall (Book 4804, Page 317) 369.17 feet to a 1" iron pipe found;

Thence, N 01°-26'-15" W by the land of Marshall 125.00 feet;

Thence, S 80°-04'-05" W by the land of Marshall 100.00 feet to a point marked by a 5/8" iron rod set;

Thence, S 1°-09'-05" E by the land of Marshall 125.00 feet to a 1" iron pipe found at the Northeast corner of the land now or formerly of Bertha C. Judkins;

Thence, S 81°-21'-30" W by the land of Judkins 56.91 feet to a 1/4" iron rod found at the Southeast corner of the land now or formerly of F. S. Plummer Co. (Book 6869, Page 110);

Thence, N 07°-34'-10" E by land of F. S. Plummer Co. 592.31 feet;

Thence, S 63°-29'-00" E by Fallbrook, a Condominium, 190.24 feet to a point;

Thence, N 76°-59'-40" E by Fallbrook, a Condominium, 166.98 feet to the point of beginning.

Also including and subject to those easements and rights, in common with others, which are described in the below referenced documents:

(1) Easements from George and Doris Castonia dated December 20, 1985, recorded in Book 7036, Page 92;

(2) Easements from Calvin L. and Myrtle W. Gailey, dated December 20, 1985, and recorded in Book 7036, Page 96;

(3) Easement from Frances F. Gatchell dated December 20, 1985, and recorded in Book 7036, Page 100; and

(4) Easement to the City of Portland for a turn-around at the terminus of Topsham Street and other matters shown on the Plat of Fallbrook, a Condominium, recorded in Plan Book 178, Page 66.

Also, an easement for all purposes in common with others over, under and along the 50 foot wide right of way shown on the said Plat of Fallbrook, a Condominium, recorded in Plan Book 178, Page 66 and reserved in the Declaration of Fallbrook Condominium dated April 20, 1989 and recorded in Book 8730, Page 206.

Also subject to the following exceptions and matters:

- 1. Title to and rights of the public and others entitled thereto in and to any portion of the Premises located within the bounds of adjacent streets, roads and ways.
- 2. Setback and minimum building value restrictions set forth in Indenture by and between Reginald and Isabelle H. Carles and Gretta and Edith Henderson, dated January 24, 1949 and recorded in the Cumberland County Registry of Deeds in Book 1951, Page 85 (further references herein to recorded documents are

references to documents recorded in said Registry).

- 3. Terms and provisions of a State of Maine Department of Environmental Protection Site Location Order #L-011219-87-A-N issued to Liberty Group, Inc., dated October 10, 1985 and recorded in Book 6958, Page 88, as transferred by unrecorded Order dated January 22, 1988; as further transferred to MM II Real Estate Corporation by Order dated February 24, 1989 and recorded in Book 8681, Page 310; as further transferred to Merreal Corp. by Order dated April 3 1989 and recorded in Book 8733, Page 187; and as affected by Order dated December 28, 1992 and recorded in Book 10500, Page 287.
- 4. Easement from the Merrymeeting Developers to Central Maine Power Company and New England Telephone and Telegraph Company, dated May 25, 1988 and recorded in Book 8444, Page 191.
- 5. Easement granted to Portland Water District by instrument dated September 21, 1988 and recorded in Book 8490, Page 164.
- 6. Matters affecting the Premises shown on plan entitled "Condominium Plat III, Fallbrook, A Condominium on Ray Street, Portland, Maine, for Merreal Corp., by Owen Haskell, Inc., dated May 10, 1990 and recorded in Plan Book 185, Page 15.
- 7. Terms and conditions of a Maintenance Agreement by and between Fallbrook, Inc. and Fallbrook, A Condominium, dated February 4, 1993 and recorded in Book 10546, Page 73.
- 8. Utility easement from Fallbrook, Inc. to Central Maine Power Company and New England Telephone and Telegraph Company, dated May 26, 1993 and recorded in Book 10771, Page 14.
- 9. Utility easement granted to Northern Utilities, Inc. by instrument dated October 7, 1993 and recorded in Book 11022, Page 51.
- Agreement for Transfer and Assumption of Special Declarant Rights by and between Fallbrook, Inc. and Fallbrook Condominium Association, dated June 28, 1993 and recorded in Book 10804, Page 329.
- 11. Contract for Electric Service by and between Fall Brook Woods and Central Maine Power Company, dated June 18, 1993 and recorded in Book 11243, Page 201.
- 12. All encumbrances, restrictions and other matters of record affecting the Premises as of the date hereof.

Meaning and intending to convey the premises conveyed to Grantor herein by Deed from Merreal Corp., formerly named MM II Real Estate Corporation, to Fallbrook, Inc., dated December 20, 1991 and recorded in Book 9831, Page 59.

Received Recorded Resister of Deeds Dec 30,2009 02:11:13P Cumberland Counts Pamela E. Lovies Anthony Donovan 27 Riverview Street Portland ME 04102

David Nowlin 215 Oxford Street Portland ME 04102

Edward Suslovic District 3 46 Kenwood Street Portland ME 04103

Jennifer Munson City of Portland 389 Congress Street Portland ME 04101

Lynn Clarkson 145 Marlborough Road Portland ME 04103

Nancy Bartlett PO Box 7965 Portland ME 04112

Peggy Morin 66 Farnham Street Portland ME 04101

Rebecca Halla Waste Management of Maine 2000 Forest Avenue Portland ME 04103

Robert Hains 250 Holm Avenue Portland ME 04102-1208 Barbara Wood 125 Emery Street Portland ME 04102

Deb Keenan 28 Dorothy Street Portland ME 04103

Greater Portland Council of Governments 970 Baxter Blvd., 2nd Floor Portland ME 04103

> Jesse Thompson Kaplan Thompson Architects 100 Exchange Street Portland ME 04103

> > Mary Griffity 6 E. Prom, Unit #2 Portland ME 04103

> > Pam Burnside 64 Lester Drive Portland ME 04103

Philip Haughey 1660 Soldiers Field Road Boston MA 02135

REP Benjamin Dudley III District 30 9 Ponce Street Portland ME 04101 Chris Castelsky Fairpoint Communications 521 East Morehead Street Charlotte NC 28202

> Devon Platte 26 North Street, #3 Portland ME 04101

Janice Carpenter 9 W. Commonwealth Drive Portland ME 04103

> Len Anderson 543 Allen Avenue Portland ME 04103

Vahan Tufankijan Seaside Healthcare 850 Baxter Boulevard Portland ME 04103

Paul Dubois 1915 Congress Street Portland ME 04102

Priscilla LaVallee 190 US Route 1, Unit 2 Falmouth ME 04105

REP Glenn Cummings District 37 24 Nevens Street Portland ME 04103

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9 NEVADA LLC 111 POND RD **NEW GLOUCESTER ME 04260**

ALLAIRE JENNIFER & GERARD ALLAIRE JTS **19 NEVADA AVE** PORTLAND ME 04103

ANDERSON PATTI J & RICHARD E JR JTS 97 FLORIDA AVE PORTLAND ME 04103

ATTIX LEE & SUSAN ROWAN JTS **18 MERRYMEETING DR** PORTLAND ME 04103

> BASSETT SANDRA J **12 VERMONT AVE** PORTLAND ME 04103

> **BLUE WAGON LLC** 41 GORE RD **RAYMOND ME 04071**

CAFTANO VASCO **3 MERRYMEETING DR** PORTLAND ME 04103

CHACE WILLIAM J 74 GERTRUDE AVE PORTLAND ME 04103

CHRISTY ALEXIA L **156 MAINE AVE** PORTLAND ME 04103

CHURCH RONALD C & DONNA I JTS 325 RAY ST PORTLAND ME 04103

ACHESON ANN W & JAMES M ACHESON JTS28 MERRYMEETING DR PORTLAND ME 04103

> ANASTOS ELLEN B 459 ALLEN AVE # 25 PORTLAND ME 04103

ANDERSON ROBERTA R 455 ALLEN AVE PORTLAND ME 04103

AUTO EUROPE LLC **39 COMMERCIAL ST** PORTLAND ME 04101

BEAUPRE JOHN D & TRACY ALLEN BEAUPRE ITS 459 ALLEN AVE # 4

> BORLAWSKY JOY M & MICHAEL J SR **62 FLORIDA AVE** PORTLAND ME 04103

> > CARR HILARY

11 QUAIL TRL

BUXTON ME 04093

CHASE DAVID A & BETTI J CHASE JTS

23 MERRYMEETING DR

AIKEN ANNA J & JAMES W AIKEN JTS336 RAY ST PORTLAND ME 04103

> ANDERSON MATTHEW A 76 FLORIDA AVE PORTLAND ME 04103

ANDERSON-CHRISTIE SUZAN F & MARGERY C SUDBAY JTS 21 MERRYMEETING DR PORTLAND ME 04103

BARBER GEORGE & KENNETH D BARBER JTS 19 MERRYMEETING DR PORTLAND ME 04103

BESEMER LORI T & JOHN W BESEMER IV JTS 16 PENN AVE PORTLAND ME 04103

BROWN ROBERT A & VALARIE J JTS 28 PENN AVE PORTLAND ME 04103

CARTER JENNELLA & ALICIA M MENARD ITS 146 MAINE AVE PORTLAND ME 04103

> CHRISTIAN SABRINA KATHRYN **110 FLORIDA AVE** PORTLAND ME 04103

CHRISTY KEVIN R & DAWN M JTS 160 MAINE AVE PORTLAND ME 04103

160 MAINE AVE PORTLAND ME 04103

> CLARKIN REBECCA 8 NEVADA AVE PORTLAND ME 04103

PORTLAND ME 04103

CHRISTY KEVIN R & DAWN M CHRISTY JTS

CLARK LESLIE M

12 TEXAS ST

PORTLAND ME 04103

PORTLAND ME 04103

CLEALE ELIZABETH & LEO SMITH 25 FLORIDA AVE PORTLAND ME 04103

> COOMBS PATRICIA L 459 ALLEN AVE APT 24 PORTLAND ME 04103

> **CRABTREE VIRGINIA A 152 MAINE AVE** PORTLAND ME 04103

DALL MEGAN N & RYAN C DALL JTS 402 RAY ST PORTLAND ME 04103

PORTLAND ME 04103

DONOVAN ROBYN J & TIMOTHY P DONOVAN

ITS

378 RAY ST

PORTLAND ME 04103

DIPIETRO DAVID 326 RAY ST PORTLAND ME 04103

DOWNS KENNETH W & JANICE E JTS 469 ALLEN AVE PORTLAND ME 04103

DUKES DAVID A & ROSE HEITHOFF JTS **30 TAYLOR ST** PORTLAND ME 04102

DUNI AP KYAN JAMES & KAYI A LISA DUNI AP

ITS

94 SKYARK RD

PORTLAND ME 04103

DUNLAP KYAN J 459 ALLEN AVE # 14 PORTLAND ME 04103

FEENEY ANTONETTA S **186 MAINE AVE** PORTLAND ME 04103

FROZEN PIPE PROPERTY LLC 2 WASHINGTON AVE SCARBOROUGH ME 04074

GEE BRANNEN M & KAITLIN M GEE JTS **75 FLORIDA AVE** PORTLAND ME 04103

17 VERMONT AVE PORTLAND ME 04103

FOERSTER CAROLYN D

GARCIA LUIS O & MONICA M GARCIA JTS 80 FLORIDA AVE

GELINAS GREGORY P & PATRICIA A JTS 124

MAINE AVE

PORTLAND ME 04103

PORTLAND ME 04103

GAUDET MONIQUE R **59 GERTRUDE AVE** PORTLAND ME 04103

GELINAS KATIE L & PETER R ANDREWS JTS 27

MERRYMEETING DR

PORTLAND ME 04103

FORSDICK LESLIE **114 MAINE AVE** PORTLAND ME 04103

CROSBY RONALD H SR

DENBOW DEBRA A **69 FLORIDA AVE** PORTLAND ME 04103

DOUGHTY BEN HILTON & CAROL N DOUGHTY ITS **54 FLORIDA AVE** PORTLAND ME 04103

DUNCAN JORDAN TYLER & KATHERINE ELISE

DUNCAN JTS

365 RAY ST PORTLAND ME 04103

FALLBROOK PROPERTIES LLC

418 RAY ST

PORTLAND ME 04103

COURNOYER PAUL B & KYMBERLEY T COURNOYER JTS 24 MERRYMEETING DR PORTLAND ME 04103

18 JERSEY AVE

PORTLAND ME 04103

CONNELLY AMANDA J 356 RAY ST PORTLAND ME 04103

DEARBORN CAROL A & DAVID L DUMONT JTS 2 MERRYMEETING DR

COHEN BRIAN F & TARA COHEN JTS 32 NEVADA AVE PORTLAND ME 04103

COTE ELIZABETH M **14 MERRYMEETING DR** PORTLAND ME 04103

CRESSEY WESLEY O VN VET & BETTY ANN JTS 23 JERSEY AVE PORTLAND ME 04103

GRIBIZIS RUDINA R & WILLIAM G GRIBIZIS JTS 285 CLIFTON ST PORTLAND ME 04103

> HALLETT LORI **13 PENN AVE** PORTLAND ME 04103

HARWOOD JOSEPH D **58 PROVIDENCE AVE** SOUTH PORTLAND ME 04106

> HAZARD JAMES **12 BIRKDALE RD** FALMOUTH ME 04105

HILTZ JAIME L **11 BUNKER HILL TER** SCARBOROUGH ME 04074

HOUSEAL IAN P **86 FLORIDA AVE** PORTLAND ME 04103

HUNT DANIFL P 20 MERRYMEETING DR PORTLAND ME 04103

JANCO SCOTT J **70 GERTRUDE AVE** PORTLAND ME 04103

JUDKINS BERTHA L **127 PINE TREE LN** FARMINGTON ME 04938

KONAN VIRGINIA J 22 NEVADA AVE PORTLAND ME 04103

GRIFFIN MAUREEN H 15 MERRYMEETING DR PORTLAND ME 04103

HARKINS DONALD L & SUSAN B JTS **50 FLORIDA AVE** PORTLAND ME 04103

> HASSON HAYLEE E **100 FLORIDA AVE**

HEASLY RACHEL & MARK ABDALLAH JTS 15 NEVADA AVE PORTLAND ME 04103

> HOLMES MARK A & LORI A HOLMES JTS 56 QUALEY RD **GRAY ME 04039**

HOUSES OF HOGWARTS LLC **86 CRAIGIE ST** PORTLAND ME 04102

HUNTLEY KENNETH VN VET & ELIZABETH A HUNTLEY JTS **31 NEVADA AVE** PORTLAND ME 04103

JOHNSON JOSEPH & CHRISTINA M JOHNSON JTS 118 MAINE AVE PORTLAND ME 04103

KANTROVITZ LARISA

166 MAINE AVE

PORTLAND ME 04103

KHUU HON 316 RAY ST

KWIECIEN STANISLAW 343 RAY ST PORTLAND ME 04103

PORTLAND ME 04103

HITZROT ANN H

459 ALLEN AVE # 13

PORTLAND ME 04103

GROVER KELSEY E 271 BATH RD WISCASSET ME 04578

HARTLEY DANIELLE A **5 TEXAS ST** PORTLAND ME 04103

HAYES JEFFREY A TRUSTEE **21 MARTIN AVE** SCARBOROUGH ME 04074

HEROUX KAREN J 304 RAY ST PORTLAND ME 04103

HOWARD SUSAN **10 MERRYMEETING DR** PORTLAND ME 04103

ISHERWOOD DONALD D VN VET 23 PENN AVE PORTLAND ME 04103

JOHNSON RONALD S & LINDA J JTS **26 MERRYMEETING DR** PORTLAND ME 04103

PORTLAND ME 04103

LAGERSTROM LYNN C **57 FLORIDA AVE** PORTLAND ME 04103

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LAPLANTE CAROLE ANN **105 FLORIDA AVE** PORTLAND ME 04103

LIBBY RANDOLPH 17 LARCHWOOD RD SOUTH PORTLAND ME 04106

LITVAK PROPERTIES LLC PO BOX 7332 PORTLAND ME 04112

> LUTTON LAURA J 26 NEVADA AVE

PORTLAND ME 04103

MACISSO JOSEPH J JR & EILEEN F MACISSO JTS 27 PENN AVE PORTLAND ME 04103

MARTIN'S POINT HEALTH CARE INC PO BOX 9746 PORTLAND ME 04112

MCDONALD PATRICIA A 368 RAY ST PORTLAND ME 04103

MINVIFILE PETER M VN VET **25 MERRYMEETING DR** PORTLAND ME 04103

MORIN TERESA R 29 JERSEY AVE PORTLAND ME 04103

MURRAY DAVID & NATALIE MURRAY JTS 53 FLORIDA AVE PORTLAND ME 04103

> **NEWMAN PHOEBE J 111 FLORIDA AVE** PORTLAND ME 04103

LEE THERESA 459 ALLEN AVE # 6 PORTLAND ME 04103

LINDVALL JAMES W II & LINDSAY A CARR JTS **38 FLORIDA AVE** PORTLAND ME 04103

> 15 CASCO ST FREEPORT ME 04033

MCDONALD CHRISTOPHER A 91 FLORIDA AVE PORTLAND ME 04103

MINAT CORPORATION THE PO BOX 7332 PORTLAND ME 04112

> MORGAN DEBORA D3 52 RAY ST PORTLAND ME 04103

MURPHY JANICE E 459 ALLEN AVE # 8 PORTLAND ME 04103

NEILL DONALD L & LINDA H LORD JTS **17 MERRYMEETING DR** PORTLAND ME 04103

NGUYEN KHANHLY & CHE Q NGUYEN 286 RAY ST PORTLAND ME 04103

NIZIOLEK CAROL A 22 MERRYMEETING DR PORTLAND ME 04103

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LL BEAN INC

LIBBY CHRISTINE A **19 JERSEY AVE** PORTLAND ME 04103

LITVAK PROPERTIES LLC 66 PYA RD PORTLAND ME 04103

LPS PROPERTIES LLC **117 FLORIDA AVE** PORTLAND ME 04103

MARCHANT NICHOLAS M

18 FLORIDA AVE

PORTLAND ME 04103

MASON ALISON M 371 RAY ST

MINAT CORPORATION

MOREAU CHERYL 459 ALLEN AVE # 10

PORTLAND ME 04103

MULLEN SUSAN L & JOHN H R MULLEN JTS

105 ALICE ST

PORTLAND ME 04103

NEILAN DAVID M

459 ALLEN AVE # 18

PORTLAND ME 04103

PORTLAND ME 04103

PO BOX 7332 PORTLAND ME 04112

NORTON KIRSTEN & NATHANIEL DUDLEY JTS 170 MAINE AVE PORTLAND ME 04103

O'SULLIVAN PADRAIG N & SARAH E GODFREY JTS 406 RAY ST PORTLAND ME 04103

NORMANDIN ADAM

459 ALLEN AVE # 22

PORTLAND ME 04103

PARE MATTHEW P 142 MAINE AVE PORTLAND ME 04103

PLOURDE ROBERT E 100 MAIN ST CORNISH ME 04020

PURCELL LINNEA J 24 VERMONT AVE PORTLAND ME 04103

REEDER SUSAN W 24 JERSEY AVE PORTLAND ME 04103

ROBERTS LEANNE 459 ALLEN AVE # 1 PORTLAND ME 04103

ROE LAURENCE L 160 MAINE AVE PORTLAND ME 04103

RUTHERFORD PATRIIA A 28 JERSEY AVE PORTLAND ME 04103

SENDZE KATIE 459 ALLEN AVE # 21 PORTLAND ME 04103 PACKARD MARY A & AMANDA M & ALICIA L PACKARD 106 FLORIDA AVE

PORTLAND ME 04103

PELLETIER ANGELA M 128 MAINE AVE PORTLAND ME 04103

PRESTON SHANNON R & RYAN VICTOR JAROCHYM JTS 12 JERSEY AVE PORTLAND ME 04103

> QUINN SUSAN LOUISE 35 NEVADA AVE PORTLAND ME 04103

REGAN BRENDAN S 114 FLORIDA AVE PORTLAND ME 04103

ROBINSON BEVERLY D 459 ALLEN AVE # 3 PORTLAND ME 04103

ROWE EUGENE L & ELLEN R ROWE JTS 295 RAY ST PORTLAND ME 04103

> SCHAIBERGER SCOTT C 138 MAINE AVE PORTLAND ME 04103

SHEA STEPHEN M & DIANE L JTS 101 FLORIDA AVE PORTLAND ME 04103 PARADIS WILLIAM M & SARAH C PARADIS JTS

355 RAY ST PORTLAND ME 04103

OAKES RYAN E

34 JERSEY AVE

PORTLAND ME 04103

PERKINS SARAH & JILL PERKINS-BOUCHARD 11 JERSEY AVE PORTLAND ME 04103

> PROIA SUSANNA 44 FLORIDA AVE PORTLAND ME 04103

RAMSDELL DARRIN L & LINDSEY M RAMSDELL JTS 12 PENN AVE PORTLAND ME 04103

> RICE JULIANNE L 459 ALLEN AVE # 17 PORTLAND ME 04103

RODNEY ROBERT J II & CHRISTINE A RODNEY JTS 121 WALTON ST PORTLAND ME 04103

> ROY KIMBERLY A 459 ALLEN AVE # 2 PORTLAND ME 04103

SCHOLZ JOHN M 334 RAY ST PORTLAND ME 04103

SILVERNAIL DAVID L 459 ALLEN AVE APT 16 PORTLAND ME 04103

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SINCLAIR DANIEL C & KIMBERLY A BRISSETTE JTS 333 RAY ST PORTLAND ME 04103

> ST CLAIR GEORGE W JR 36 NEVADA AVE PORTLAND ME 04103

SULLIVAN JAMES A JR 83 FLORIDA AVE PORTLAND ME 04103

THOMPSON BARBARA E 65 FLORIDA AVE PORTLAND ME 04103

TUFTS BARBARA J 6 MERRYMEETING DR # 6 PORTLAND ME 04103

UMBEL WILLIAM R **122 GERTRUDE AVE** PORTLAND ME 04103

WARREN JARED P 459 ALLEN AVE #7 P ORTLAND ME 04103

WEISS LISA KOCH & LAURA JEAN WEISS JTS 35 HAMMOND ST PORTLAND ME 04101

WELTY MARTHA & CHARLES WELTY JTS **4 MERRYMEETING DR** PORTLAND ME 04103

WHIPKEY RENEE & RYAN WHIPKEY JTS 22 PENN AVE P ORTLAND ME 04103

SMITH JASON D & LAURIE R SMITH JTS 354 RAY ST PORTLAND ME 04103

> STANTON ELIZABETH M **16 MERRYMEETING DR** PORTLAND ME 04103

TALBOT JOSEPH F & JUDITH A HARRIS JTS **16 NEVADA AVE** PORTLAND ME 04103

THOMPSON DONALD A & EVELYN L JTS 488 FORT HILL RD GORHAM ME 04038

TURNER CAROL A & SUSAN C VILLETTA JTS **18 WISEMAN ST NEWPORT ME 04953**

> 92 FLORIDA AVE PORTLAND ME 04103

> WFBB MARII YN D 340 RAY ST PORTLAND ME 04103

WELSH RICHARD E & SUSAN WELSH JTS **5 MERRYMEETING DR** PORTLAND ME 04103

> WGME INC **81 NORTHPORT DR** PORTLAND ME 04103

WHITNEY LEE ANN **1 MERRYMEETING DR** PORTLAND ME 04103 SNOW CORY & SHEILA J SULLIVAN JTS 398 RAY ST PORTLAND ME 04103

STEVENS CHERYL A & CHESTER STEVENS JTS 9 TEXAS ST PORTLAND ME 04103

> TAYLOR DAWN M 459 ALLEN AVE # 11 PORTLAND ME 04103

TOWLE WALTER D WWII VET & DONNA MARIE TOWLE JTS **8 MERRYMEETING DR** PORTLAND ME 04103

> TUTOR THOMAS L 20 VERMONT AVE PORTLAND ME 04103

WAGNER THERESA 65 WHITNEY FARM RD NORTH YARMOUTH ME 04097

> WFBSTFR BFTH A PO BOX 8228 PORTLAND ME 04104

WELSH RICHARD J & MARIE K WELSH JTS 13 MERRYMEETING DR PORTLAND ME 04103

> WHALEN MAUREEN 459 ALLEN AVE APT 23 PORTLAND ME 04103

WOODBERRY KAREN E 459 ALLEN AVE #26 PORTLAND ME 04103

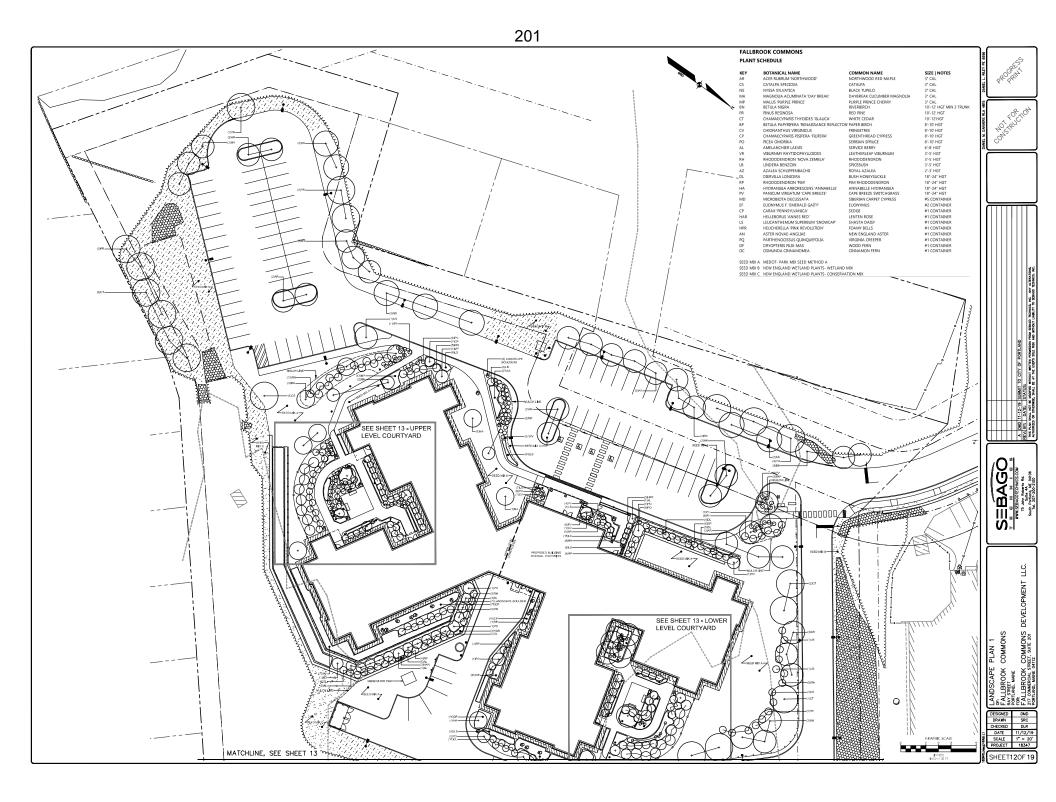
URBACH PAULA M

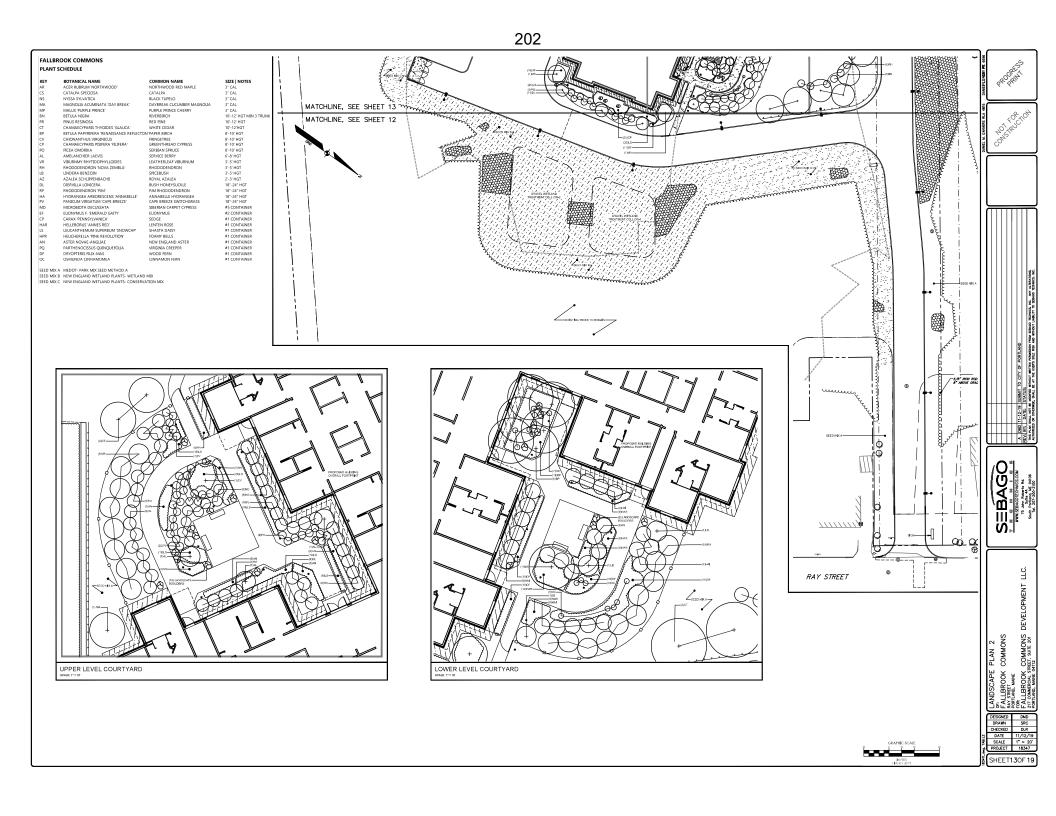
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YEBOAH DUKE 17 PENN AVE PORTLAND ME 04103 YORK MEGAN T & JONATHAN A YORK JTS 72 FLORIDA AVE PORTLAND ME 04103 YOUNGBLOOD ALEC N & JOSHUA T AVERY JTS 344 RAY ST PORTLAND ME 04103

ZIMMERMAN ROBERTA L 12 MERRYMEETING DR PORTLAND ME 04103 ZUB PATRICIA A 308 E 120TH AVE TAMPA FL 33612 298 RAY LLC LEIGHTON AVE PORTLAND ME 04103





Attachment 2

Wetlands Memo



Memorandum

18347To: Kylie Mason

From: Mike Jakubowski

Date: May 14, 2019

Subject: #18347 – Fallbrook

The wetlands on this site were delineated by Gary Fullerton and Mike Jakubowski of Sebago Technics, Inc. in September of 2018. This delineation conforms to the standards and methods outlined in the 1987 Wetlands Delineation Manual and Regional Supplement authored and published by the U.S. Army Corps of Engineers. The wetlands were marked in the field with alpha numeric pink "wetland delineation" flagging. The flags were then located using a Trimble gps backpack unit capable of decimeter accuracy.

Wetlands found are classified as forested wetlands (PFO). The vegetation in these PFO wetlands primarily consists of, maple (*Acer spp.*), speckled alder (*Alnus incana*), cinnamon fern (*Osmundastrum cinnamomeum*), sensitive fern (*Onoclea sensibilis*), and jewelweed (*Impatiens capensis*). Upland vegetation primarily consists of white pine (*Pinus strobus*) and red oak (*Quercus rubra*).

A vernal pool survey was conducted on May 6th, 2019. No vernal pools were identified on the property. There has been no field determination for streams and it is not suspected that there are streams present on this property.

May 14, 2019



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Photograph 1. PFO wetland at western extent of project boundary.



Photograph 2. PFO wetland at eastern extent of project boundary.



Photograph 3. PFO wetland at eastern extent of project boundary.



Photograph 4. PFO wetland at eastern extent of project boundary, near access road.

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Attachment 3

Alternative Analysis

FALLBROOK COMMONS TIER 2 NRPA PERMIT

ALTERNATIVES ANALYSIS, AVOIDANCE AND MINIMIZATION

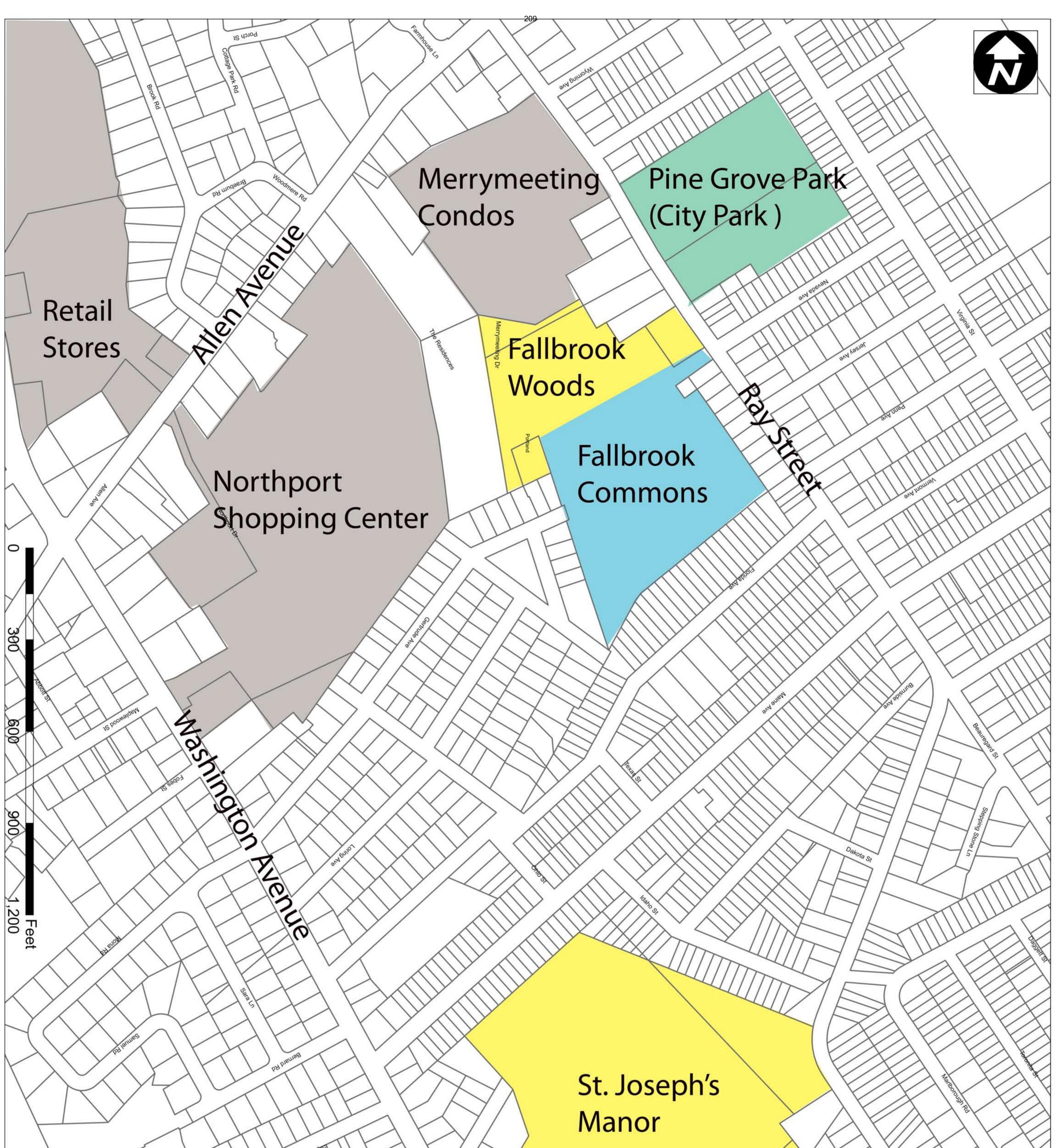
- Purpose and Need The sole purpose of the Fallbrook Commons project is to replace the existing St. Joseph's Manor elderly care facility located on Washington Avenue. St. Joseph's Manor will be closing as the building is aged and does not meet the standards of today's elderly care standards.
- Search for Available Sites The Fallbrook Commons building accommodate 90 resident beds and the building and site improvements require approximately 6 acres of undeveloped property. The applicant searched for available sites of that size in the nearby vicinity of St. Joseph's Manor. The search area was limited to the vicinity of St. Joseph's, as this is very important to family members who currently visit elderly care residents.

The only site available is the site selected for the project. See the attached AREA CONTEXT MAP – most of the parcels in the vicinity are small single-family homes, others are established retail centers and one City park.

- Alternative 1 Do nothing. This alternative is not practical as the purpose and need of the project would not be met.
- Alternative 2- Build the new facility on the existing St. Joseph's Manor property. This alternative is not possible, the applicant does not own the site, and the property owner does not wish to have a replacement building constructed on its property.
- Alternative 3 Build the new facility on the selected site as a single-story structure. This
 alternative is the most attractive alternative to the applicant. The new facility is ideally located
 adjacent to Fallbrook Woods, an existing elderly care facility. The two buildings provide different
 levels of care and will share management resources. It is anticipated that residents may transfer
 from one facility to the other, and that some families will have a relative at both buildings. A
 single-story building is preferred for elderly care facilities, as it affords residents easy access to
 outdoor garden areas and courtyards.

While Alternative 3 is the most attractive alternative, the applicant has also considered Alternative 4.

- Alternative 4 Build the new facility on the selected site, however, incorporate a second floor on a portion of the building. The purpose of this alternative is to reduce the building footprint and lessen the area of wetland impacts. A modest sized courtyard will be available to residents on the second level. This alternative removes one acre of wetland impact.
- Avoidance The applicant has selected to move forward with Alternative 4, with a wetland impact of 37, 787 square feet. By locating the proposed building and parking areas to the greatest extent possible on upland areas, the avoidance criteria is met.
- Minimization The applicant has met the minimization standard in two ways -
 - Incorporating a second story, reducing the building footprint and wetland impacts.
 - Incorporating 2:1 fill slopes and retaining walls, reducing wetland impacts.
 - Incorporating roof drip edge BMP's, reducing the size of the gravel wetland bmp, thereby reducing wetland impacts.
 - Siting parking areas and service driveways as close to the building as possible, reducing the footprint of the developed area and reducing wetland impacts.





AREA CONTEXT PLAN -VICINITY OF ST. JOSEPH'S MANOR

Attachment 4

Function & Values



Functions and Values Summary Fallbrook Commons

This wetland functions and values assessment was conducted in accordance with the "Wetland Functions and Values: Descriptive Approach" described in the September 1999 (NAEEP 360-1-30a) supplement to "The Highway Methodology Workbook" by the New England Division of the US Army Corps of Engineers. This method is a descriptive approach combining both a qualitative description of physical characteristics of wetlands and best professional judgment. This approach allows the evaluator to use "descriptors" in determining which functions and values are most representative of each wetland. An evaluation for each wetland can be found in this report.

The wetlands on this site were delineated by Michael D. Jakubowski and Gary M. Fullerton of Sebago Technics, Inc. in September of 2018. This delineation conforms to the standards and methods outlined in the 1987 Wetlands Delineation Manual and Regional Supplement authored and published by the U.S. Army Corps of Engineers. The wetlands were marked in the field with alpha numeric pink "wetland delineation" flagging. The flags were then located using a Trimble gps backpack unit capable of decimeter accuracy.

The wetlands impacted on this project site serve a number of functions and values including floodflow alteration and sediment/toxicant retention as principal functions and values.

Floodflow Alteration: Both of the wetlands covered in this functions and values analysis are surrounded by residential and commercial developments and impervious surfaces. During high precipitation events, these wetlands likely intercept and hold significant volumes of precipitation due to their thick surficial organic horizons and landscape positions.

Sediment/toxicant Retention: Both of these wetlands may intercept precipitation contaminated with residential and commercial agents as well as excess sediments from nearby bedrock outcrops and shallow upland soils. The wetland impacted by Wetland Impact D contains a powerline corridor and may be managed with chemical agents.

Wetland Impact A, B, & C Area (PFO1E)

The wetland impacted by Wetland Impacts A, B, and C is a wetland classified as a seasonally saturated/flooded, broad-leaved deciduous palustrine forested wetland (PFO1E). This PFO1E wetland is dominated by red maple (*Acer rubrum*), sensitive fern (*Onoclea* sensibilis), and cinnamon fern (*Osmundastrum cinnamomeum*).

This forested wetland is at the bottom of its watershed, development and other impervious surfaces contribute to it. It is drained by a culvert to the east. The proposed impact

is a nursing home. This development would impact a total of approximately 33,727 square feet of this wetland in 3 different impact locations.

Wetland Impact D Area (PFO1E)

The wetland impacted by Wetland Impact D is a wetland classified as a seasonally saturated/flooded, broad-leaved deciduous palustrine forested wetland (PFO1E). This PFO1E wetland is dominated by red maple (*Acer rubrum*), sensitive fern (*Onoclea* sensibilis), and cinnamon fern (*Osmundastrum cinnamomeum*).

This forested wetland is at the middle to bottom of its watershed, development and other impervious surfaces contribute to it. It contains a powerline corridor. The proposed impact is a nursing home. This development would impact a total of approximately 4,059 square feet of this wetland.

Hill

Michael D. Jakubowski, LSE Environmental Scientist



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Photo 1. PFO1E wetland at western extent of project boundary. Wetland Impact D area. 09/07/2018.



Photo 2. PFO1E wetland at eastern extent of project boundary. Wetland to be impacted by Impact A, B, & C. 09/07/2018.



Photo 3. PFO1E wetland at eastern extent of project boundary. Wetland to be impacted by Impact A, B, & C. 09/07/2018.



Photo 4. PFO1E wetland at eastern extent of project boundary. Wetland to be impacted by Impact A, B, & C. 09/07/2018.

215 Wetlands Function -Value Evaluation Form

Total Area of Wetland: ±120,500 ft ² Human made? No	Is wetland part of a wildlife corridor? No Or a "habitat island"? Yes	Wetland I.D. Wetland Impact A, B, & C Area Latitude 43°42'01.2" Longitude 70°16'47.8"
Adjacent land use Nursing Home, Residential	Distance to nearest roadway or other development 0 '	Prepared by: STI Date 12/17/19
Dominant wetland systems present PFO1E	Contiguous undeveloped buffer zone present No	Wetland Impact Type Fill For Nursing Home Facility
Is the wetland a separate hydraulic system? No	If not, where does the wetland lie in the drainage basin? Low	Evaluation based on: Office Yes Field Yes
How many tributaries contribute to the wetland? None	Wildlife & vegetation diversity/abundance (see attached list)	Corps manual wetland delineation completed Partially

Suita Y	ıbility N	PF	Comments-Rationales (Reference #)
X			6, 8, 10; Organic soils over fine clayey soils may slowly recharge groundwater over time, drained by culvert to east.
х		х	3, 4, 5, 6, 9, 11, 15; Wetland may hold relatively large amount of water for its size, buffering discharge to culvert.
	x		None
x		Х	1, 2, 3, 4; Intercepts overland flow from adjacent residential lawns and ledge outcrops.
x			3, 4, 5, 6, 7, 9; Potential for vegetative uptake of excess nutrients from adjacent residential lawns exists, but little production value.
	х		2, 4, 12; Wetland is primarily attenuating excess nutrients, little evidence of higher trophic level faunal presence.
	х		3, 15; Low flow velocities, no open bodies of water to protect against in this wetland.
	x		7, 8, 17, 19; Wetland is not associated with a larger wetland complex, habitat offered is relatively common for local bird populations.
	x		12; Wetland is easily accessed, but offers no recreational opportunities.
	х		9, 10; Little opportunity presented for educational/scientific activities.
	х		1, 2, 5, 8, 19; No known uniqueness/heritage, wetland contains abundant trash.
	х		6, 9; Wetland contains abundant trash.
	х		None. A vernal pool survey was performed on the property in 2019; this vernal pool survey yielded no vernal pools.
	х		None
	Y X X X	x x x x <tr td=""> <td>Y N PF X X X</td></tr>	Y N PF X X X
Y N PF X X X			

Notes:

216 Wetlands Function -Value Evaluation Form

Total Area of Wetland: >6,376 ft ² Human made? No	Is wetland part of a wildlife corridor? No Or a "habitat island"? Yes	Wetland I.D. Wetland Impact D Area Latitude 43°42'01.8" Longitude 70°16'55.01
Adjacent land use Nursing Home, Residential	Distance to nearest roadway or other development 0 '	Prepared by: STI Date 12/17/19
Dominant wetland systems present PFO1E	Contiguous undeveloped buffer zone present No	Wetland Impact Type Fill For Nursing Home Facility
Is the wetland a separate hydraulic system? No	If not, where does the wetland lie in the drainage basin? Mid to Low	Evaluation based on: Office Yes Field Yes
How many tributaries contribute to the wetland? None	Wildlife & vegetation diversity/abundance (see attached list)	Corps manual wetland delineation completed Partially

Function/Value	Suita Y	ıbility N	PF	Comments-Rationales (Reference #)
Groundwater Recharge/ Discharge	х			6, 8, 10; Powerline poles may provide additional recharge points.
Floodflow Alteration	х		х	3, 4, 5, 9, 11; Wetland is long and narrow, receives flow from abutting residences.
Fish and Shellfish Habitat		х		None
Sediment/Toxicant Retention	х		х	1, 2, 3, 4; Intercepts overland flow from adjacent residential lawns and ledge outcrops, powerline maintenance may include chemical management.
Nutrient Removal	х			3, 4, 7, 9; Potential for vegetative uptake of excess nutrients from adjacent residential lawns exists, but little production value.
Production Export		х		4, 12; Wetland is primarily attenuating excess nutrients, little evidence of higher trophic level faunal presence.
Sediment/Shoreline stabilization		X		3, 15; Low flow velocities, no open bodies of water to protect against in this wetland.
Wildlife Habitat		х		7, 8, 19; Wetland is not associated with a larger wetland complex, habitat offered is relatively common for local bird populations.
Recreation		х		12; Wetland is easily accessed, but offers no recreational opportunities.
Educational/Scientific		х		9, 10; Little opportunity presented for educational/scientific activities.
Uniqueness/Heritage		x		1, 2, 8, 19; No known uniqueness/heritage. Wetland hosts powerlines.
Visual Quality/Aesthetics		х		6, 9; Wetland hosts powerlines.
Endangered Species Habitat		х		None. A vernal pool survey was performed on the property in 2019; this vernal pool survey yielded no vernal pools.
Other	11	X		None

Notes: Wetland is a partially maintained powerline corridor.

Attachment 5

Compensation

Compensation

The proposed project will utilize the in-lieu fee program to compensate for the project associated wetland impacts. As per the Maine DEP Resource Compensation Rates for Cumberland County:

Fee = 37,787 s.f. **X** \$4.30

Total Fee = \$162,484.10

Attachment 6

Maine Natural Areas Program Site Review



220 STATE OF MAINE DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY 177 STATE HOUSE STATION

177 State House Station Augusta, Maine 04333

Amanda E. Beal Commissioner

JANET T. MILLS GOVERNOR

November 7, 2019

Stefanie Nichols Sebago Technics 75 John Roberts Road, Suite 4A South Portland, ME 04106

Via email: snichols@sebagotechnics.com

Re: Rare and exemplary botanical features in proximity to: #18347, Fallbrook Commons Senior Living Facility, Portland, Maine

Dear Ms. Nichols:

I have searched the Maine Natural Areas Program's Biological and Conservation Data System files in response to your request received November 7, 2019 for information on the presence of rare or unique botanical features documented from the vicinity of the project in Portland, Maine. Rare and unique botanical features include the habitat of rare, threatened, or endangered plant species and unique or exemplary natural communities. Our review involves examining maps, manual and computerized records, other sources of information such as scientific articles or published references, and the personal knowledge of staff or cooperating experts.

Our official response covers only botanical features. For authoritative information and official response for zoological features you must make a similar request to the Maine Department of Inland Fisheries and Wildlife, 284 State Street, Augusta, Maine 04333.

According to the information currently in our Biological and Conservation Data System files, there are no rare botanical features documented specifically within the project area. This lack of data may indicate minimal survey efforts rather than confirm the absence of rare botanical features. You may want to have the site inventoried by a qualified field biologist to ensure that no undocumented rare features are inadvertently harmed.

If a field survey of the project area is conducted, please refer to the enclosed supplemental information regarding rare and exemplary botanical features documented to occur in the vicinity of the project site. The list may include information on features that have been known to occur historically in the area as well as recently field-verified information. While historic records have not been documented in several years, they may persist in the area if suitable habitat exists. The enclosed list identifies features with potential to occur in the area, and it should be considered if you choose to conduct field surveys.

This finding is available and appropriate for preparation and review of environmental assessments, but it is not a substitute for on-site surveys. Comprehensive field surveys do not exist for all natural areas in Maine, and in the absence of a specific field investigation, the Maine Natural Areas Program cannot provide a definitive statement on the presence or absence of unusual natural features at this site.

MOLLY DOCHERTY, DIRECTOR MAINE NATURAL AREAS PROGRAM BLOSSOM LANE, DEERING BUILDING



PHONE: (207) 287-804490 WWW.MAINE.GOV/DACF/MNAP Letter to Sebago Technics Comments RE: Fallbrook Commons, Portland November 7, 2019 Page 2 of 2

The Maine Natural Areas Program (MNAP) is continuously working to achieve a more comprehensive database of exemplary natural features in Maine. We would appreciate the contribution of any information obtained should you decide to do field work. MNAP welcomes coordination with individuals or organizations proposing environmental alteration, or conducting environmental assessments. If, however, data provided by MNAP are to be published in any form, the Program should be informed at the outset and credited as the source.

The Maine Natural Areas Program has instituted a fee structure of \$75.00 an hour to recover the actual cost of processing your request for information. You will receive an invoice for \$150.00 for two hours of our services.

Thank you for using MNAP in the environmental review process. Please do not hesitate to contact me if you have further questions about the Natural Areas Program or about rare or unique botanical features on this site.

Sincerely,

Krit Ping

Kristen Puryear | Ecologist | Maine Natural Areas Program 207-287-8043 | <u>kristen.puryear@maine.gov</u>

Rare and Exemplary Botanical Features within 4 miles of Project: #18347, Fallbrook Commons Senior Living Facility, Portland, Maine

Common Name	State Status	State Rank	Global Rank	Date Last Observed	Occurrence Number	Habitat
Allegheny Vine						
	Ε	$\mathbf{S1}$	G4	1860-10	9	Rocky summits and outcrops (non-forested, upland),Dry barrens (partly forested, upland)
American Sea-blit	е					
	Т	S2	G5	1932-09-12	5	Tidal wetland (non-forested, wetland)
	Т	S2	G5	2011-08-15	17	Tidal wetland (non-forested, wetland)
Bottlebrush Grass	5					
	\mathbf{SC}	$\mathbf{S3}$	G5	1905-09-13	10	Hardwood to mixed forest (forest, upland)
Broad Beech Fern	L					
	\mathbf{SC}	S2	G5	1872-08	15	Hardwood to mixed forest (forest, upland)
Columbia Water-n	neal					
	\mathbf{SC}	S2	G5	2002-08-04	2	Open water (non-forested, wetland)
Ebony Spleenwort	t					
	\mathbf{SC}	S2	G5	1910-06-06	10	Rocky summits and outcrops (non-forested, upland),Hardwood to mixed forest (forest, upland)
Engelmann's Spik	erush					
	PE	SH	G4G5	1916-08-31	2	Open wetland, not coastal nor rivershore (non-forested, wetland)
Fern-leaved False	Foxglove					
	\mathbf{SC}	S3	G5	1902-09-02	13	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
Great Blue Lobeli	a					
	PE	SX	G5	1905-09	3	Forested wetland, Non-tidal rivershore (non-forested, seasonally wet)
Hollow Joe-pye W	eed					
	\mathbf{SC}	S2	G5?	2014-06-18	24	Open wetland, not coastal nor rivershore (non-forested, wetland),Old field/roadside (non-forested, wetland or upland)
	\mathbf{SC}	S2	G5?	2011-08-04	19	Open wetland, not coastal nor rivershore (non-forested, wetland),Old
Maine Natural Areas Pro	ogram		Page 1 of 3			www.maine.gov/dacf/mnap

Rare and Exemplary Botanical Features within 4 miles of Project: #18347, Fallbrook Commons Senior Living Facility, Portland, Maine

Common Name	State Status	State Rank	Global Rank	Date Last Observed	Occurrence Number	Habitat
						field/roadside (non-forested, wetland or upland)
Horned Pondweed	l					
	\mathbf{SC}	S2	G5	1913-09-13	9	Tidal wetland (non-forested, wetland)
MacGregor's Rye						
	\mathbf{SC}	S2	G5	2016-09-11	13	<null></null>
Marsh Milkwort						
	$\rm PE$	SH	G5T4	1903-08-18	1	Dry barrens (partly forested, upland),Open wetland, not coastal nor rivershore (non-forested, wetland)
Missouri Rockcres	s					
	Т	S1	G5	1905-06-11	5	Rocky summits and outcrops (non-forested, upland),Hardwood to mixed forest (forest, upland)
Mountain-laurel						
	\mathbf{SC}	S2	G5	1985-08-01	13	Conifer forest (forest, upland),Hardwood to mixed forest (forest, upland)
Mountain Honeysı	uckle					
	Е	S2	G5	2018-06-02	14	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
	Е	S2	G5	2007-07-30	10	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
	Е	S2	G5	2015-07-07	17	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)
Pale Green Orchis	5					
	\mathbf{SC}	S2	G4?T4Q	1907-07-05	27	Non-tidal rivershore (non-forested, seasonally wet),Open wetland, not coastal nor rivershore (non-forested, wetland)
Palmate-leaved Vi	olet					
	\mathbf{PE}	SH	G5	1908	1	Hardwood to mixed forest (forest, upland)
Slender Knotweed	l					
	PE	SH	G5	1902-09-07	1	Dry barrens (partly forested, upland)
Maine Natural Areas Pro	ogram		Page 2 of 3			www.maine.gov/dacf/mnap

Rare and Exemplary Botanical Features within 4 miles of Project: #18347, Fallbrook Commons Senior Living Facility, Portland, Maine

Common Name	State Status	State Rank	Global Rank	Date Last Observed	Occurrence Number	Habitat	
Small Reed Grass	Small Reed Grass						
	\mathbf{SC}	$\mathbf{S3}$	G5	2011-08-28	18	Old field/roadside (non-forested, wetland or upland)	
Spotted Wintergreen							
	Т	S2	G5	1991-09	11	Conifer forest (forest, upland),Hardwood to mixed forest (forest, upland)	
Tidal Marsh Estua	ary Ecosyste	em					
	<null></null>	$\mathbf{S3}$	GNR	2011-08-25	8	Tidal wetland (non-forested, wetland)	
Upper Floodplain Hardwood Forest							
	<null></null>	S3	GNR	2012	20	Forested wetland	
Upright Bindweed	1						
	Т	S2	G4G5	2007-06-28	5	Dry barrens (partly forested, upland),Old field/roadside (non-forested, wetland or upland)	
Variable Sedge							
	Е	S1	G3	1911	8	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)	
	Ε	S1	G3	1911-06-29	9	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)	
	Ε	S1	G3	2018-08-29	6	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)	
	Ε	S1	G3	2017-08-22	4	Dry barrens (partly forested, upland),Hardwood to mixed forest (forest, upland)	
Vasey's Pondweed	l						
	\mathbf{SC}	S2	G4	1901-08-04	7	Open water (non-forested, wetland)	
Wild Garlic							
	\mathbf{SC}	S2	G5	1918-07-16	6	Forested wetland, Hardwood to mixed forest (forest, upland)	
Wild Leek							
	\mathbf{SC}	$\mathbf{S3}$	G5	2018-05-02	55	Hardwood to mixed forest (forest, upland),Forested wetland	
Maine Natural Areas Pro	ogram		Page 3 of 3			www.maine.gov/dacf/mnap	

STATE RARITY RANKS

- **S1** Critically imperiled in Maine because of extreme rarity (five or fewer occurrences or very few remaining individuals or acres) or because some aspect of its biology makes it especially vulnerable to extirpation from the State of Maine.
- **S2** Imperiled in Maine because of rarity (6-20 occurrences or few remaining individuals or acres) or because of other factors making it vulnerable to further decline.
- **S3** Rare in Maine (20-100 occurrences).
- S4 Apparently secure in Maine.
- **S5** Demonstrably secure in Maine.
- SU Under consideration for assigning rarity status; more information needed on threats or distribution.
- **SNR** Not yet ranked.
- **SNA** Rank not applicable.
- **S#?** Current occurrence data suggests assigned rank, but lack of survey effort along with amount of potential habitat create uncertainty (e.g. S3?).
- **Note:** State Rarity Ranks are determined by the Maine Natural Areas Program for rare plants and rare and exemplary natural communities and ecosystems. The Maine Department of Inland Fisheries and Wildlife determines State Rarity Ranks for animals.

GLOBAL RARITY RANKS

- G1 Critically imperiled globally because of extreme rarity (five or fewer occurrences or very few remaining individuals or acres) or because some aspect of its biology makes it especially vulnerable to extinction.
- **G2** Globally imperiled because of rarity (6-20 occurrences or few remaining individuals or acres) or because of other factors making it vulnerable to further decline.
- G3 Globally rare (20-100 occurrences).
- G4 Apparently secure globally.
- G5 Demonstrably secure globally.
- GNR Not yet ranked.
- Note: Global Ranks are determined by NatureServe.

STATE LEGAL STATUS

- **Note:** State legal status is according to 5 M.R.S.A. § 13076-13079, which mandates the Department of Conservation to produce and biennially update the official list of Maine's **Endangered** and **Threatened** plants. The list is derived by a technical advisory committee of botanists who use data in the Natural Areas Program's database to recommend status changes to the Department of Conservation.
- **E** ENDANGERED; Rare and in danger of being lost from the state in the foreseeable future; or federally listed as Endangered.
- **T** THREATENED; Rare and, with further decline, could become endangered; or federally listed as Threatened.

NON-LEGAL STATUS

- **SC** SPECIAL CONCERN; Rare in Maine, based on available information, but not sufficiently rare to be considered Threatened or Endangered.
- **PE** Potentially Extirpated; Species has not been documented in Maine in past 20 years or loss of last known occurrence has been documented.

Visit our website for more information on rare, threatened, and endangered species! http://www.maine.gov/dacf/mnap

ELEMENT OCCURRENCE RANKS - EO RANKS

Element Occurrence ranks are used to describe the quality of a rare plant population or natural community based on three factors:

- <u>Size</u>: Size of community or population relative to other known examples in Maine. Community or population's viability, capability to maintain itself.
- <u>Condition</u>: For communities, condition includes presence of representative species, maturity of species, and evidence of human-caused disturbance. For plants, factors include species vigor and evidence of human-caused disturbance.
- **Landscape context**: Land uses and/or condition of natural communities surrounding the observed area. Ability of the observed community or population to be protected from effects of adjacent land uses.

These three factors are combined into an overall ranking of the feature of **A**, **B**, **C**, or **D**, where **A** indicates an **excellent** example of the community or population and **D** indicates a **poor** example of the community or population. A rank of **E** indicates that the community or population is **extant** but there is not enough data to assign a quality rank. The Maine Natural Areas Program tracks all occurrences of rare (S1-S3) plants and natural communities as well as A and B ranked common (S4-S5) natural communities.

Note: Element Occurrence Ranks are determined by the Maine Natural Areas Program for rare plants and rare and exemplary natural communities and ecosystems. The Maine Department of Inland Fisheries and Wildlife determines Element Occurrence ranks for animals.

Visit our website for more information on rare, threatened, and endangered species! http://www.maine.gov/dacf/mnap

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Attachment 7

Maine Historic Preservation Inquiry





MAINE HISTORIC PRESERVATION COMMISSION **55 CAPITOL STREET 65 STATE HOUSE STATION** AUGUSTA, MAINE 04333

> KIRK F. MOHNEY DIRECTOR

November 21, 2019

Ms. Stefanie Nichols Sebago Technics 75 John Roberts Road, Suite 4A South Portland, ME 04106

Project: MHPC #1678-19

Fallbrook Commons; Ray Street/ Merrymeeting Drive Senior Living Facility

Dear Ms. Nichols:

Town: Portland, ME

In response to your recent request, I have reviewed the information received November 14, 2019 to initiate consultation on the above referenced project in accordance with the requirements of Maine Department of Environmental Protection.

Based on the information provided, I have concluded that there are no National Register listed or known eligible properties on or adjacent to the proposed project site. In addition, the parcel is not considered sensitive for archaeological resources.

Please contact Megan M. Rideout of our staff, at megan.m.rideout@maine.gov or 207-287-2992, if we can be of further assistance in this matter.

Sincerely,

Kult. Mohney

Kirk F. Mohney State Historic Preservation Officer



November 7, 2019 18347

Mr. Kirk Mohney Maine Historic Preservation Commission 65 State House Station Augusta, Maine 04333

<u>Re: Fallbrook Commons - Senior Living Facility</u> <u>Ray Street / Merrymeeting Drive, Portland</u> <u>Parcel ID: 403 F001, 403-F005</u>

Dear Mr. Mohney:

On behalf of the project applicant, Sebago Technics respectfully requests site review for a proposed new senior living facility adjacent to an existing senior facility in the North Deering section of Portland on Ray Street. The property is 12.78± acres and is located in the City Residential-3 zone. Per available resources we have determined that the site is not located in a local Historic District.

The project includes a new senior living facility that will be located next to the existing Fallbrook Woods assisted living community. The development includes the construction of a two-story, 37,450± sf building with 90 bedrooms and two adjacent parking areas. The new senior facility will be accessed by a new driveway from Ray Street with secondary access for emergency use over Merrymeeting Drive.

The project area is mostly wooded and will be cleared for the proposed site improvements. The applicant intends to leave the majority of the municipal building setbacks vegetated. Post-construction views to and from the new facility will be filtered through a combination of the existing mature vegetation and new landscaping.

We respectfully request review of the Maine Historic Preservation Commission database for any properties or structures of historic significance in the vicinity of the project site. For your reference, I have enclosed a site location map, the site property cards and Google Earth street view images of the surrounding residential areas. At your earliest convenience, please review and forward your findings. If you have any questions on this project, please do not hesitate to contact me at <u>snichols@sebagotechnics.com</u> or on my direct line at (207) 200-2120. I look forward to hearing from you.

Sincerely,18347

SEBAGO TECHNICS, INC.

Atyanii Clichols

Stefanie Nichols Permitting Specialist / Project Coordinator

enc.

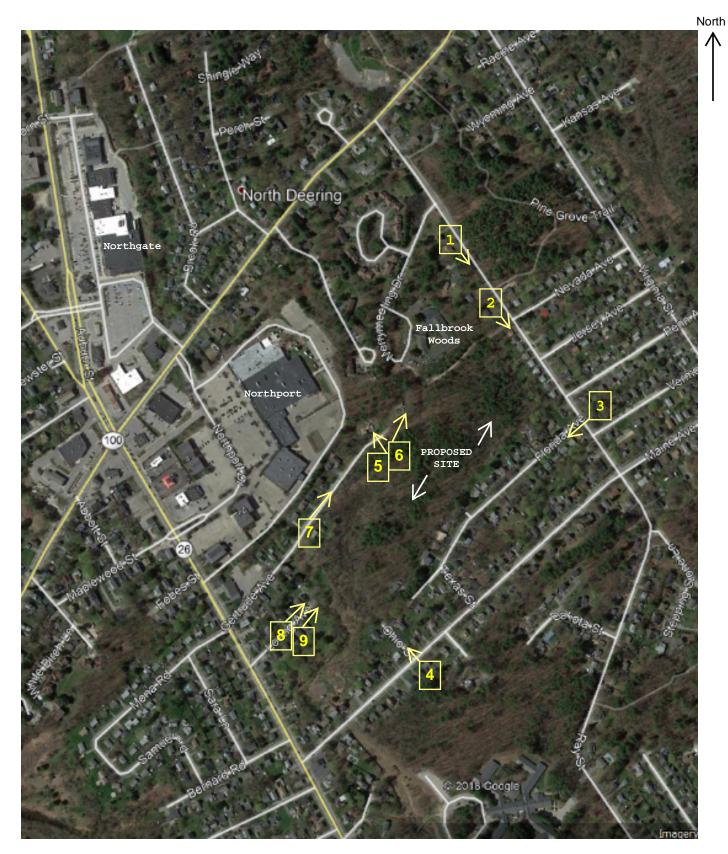


PHOTO KEY – Fallbrook Commons, Portland



Street view looking southeast along Ray Street toward the project entrance location



Street view looking southeast from the proposed Ray Street project entrance location



View along Florida Avenue from Ray Street



View along Ohio Street from Maine Avenue



Gertrude Avenue terminus -1



Gertrude Avenue terminus -2



Mid Gertrude Avenue Existing Conditions – residences and wooded area



View along Loring Avenue to end



View 2 - Loring Avenue to end

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11/10/2019	Portland Maine Assessor's Online Database			
1	PORTLA	ND MAINE	Assessor's Office	
1En		gress Street Portland, Maine (14101 Room 115 (207) 874-8486	
	City Home Depar	tments City Council	E-Services Calendar Jobs	
10th	This page contains a detailed description of the Parcel ID you selected.			
TEN TEN PEN	Current Owner In	formation:		
	CBL	403 F005001		
Services	Land Use Type	SINGLE FAMILY		
Applications	Verify legal use with Inspections Division			
Doing Business	Property Location	368 RAY ST		
Maps	Owner Information			
Tax Relief		368 RAY ST PORTLAND ME 04103		
Tax Roll	Book and Page	8818/50		
Q & A	Legal Description	403-F-5 RAY ST 368		
browse city services a-z		19695 SF		
	Rental Registration	No		
browse facts and links a-z	Acres	0.4522		
A STREET	Current Assessed	Valuation:		
	TAX ACCT NO.	25541	OWNER OF RECORD AS OF APRIL	
	LAND VALUE	\$79,700.00	2019 MCDONALD PATRICIA A &	
	BUILDING VALUE	\$105,800.00	CATHERINE E MCDONALD	
Best viewed at	HOMESTEAD	(\$16,800.00)	368 RAY ST	
800x600, with Internet Explorer	NET TAXABLE - REA ESTATE	L \$168,700.00	PORTLAND ME 04103	
	LUIAIL			

11/10/2019			Portland Maine Assessor's Online Database
	Grade Condition	C A	

Sales Information:

Sale Date	Туре	Price	Book/Page
7/7/1989	LAND + BUILDING	\$0.00	8818/50
	New Sea	rch!	

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or <u>e-mailed</u>.

\$3,932.40

Building Information:

TAX AMOUNT

Building 1	
Year Built	1955
Style/Structure Type	3
# Units	1
Bedrooms	2
Full Baths	1
Total Rooms	5
Attic	NONE
Basement	FULL
Square Feet	1200

View Sketch View Map View Picture

Outbuildings/Yard Improvements:

	Building 1
Year Built	1980
Structure	GARAGE-WD/CB
Size	14X22
Units	1

portlandassessor.com/searchdetail.asp?Acct=403 F005001

11/10/2019	Portland Maine Assessor's Online Database			
1	PORTLAND MAINE Assessor's Office			
1Em	Assessor's Office 389 Congress Street Portland, Maine 04101 Room 115 (207) 874-8486			
	City Home Departments City Council E-Services Calendar Jobs			Jobs
NOT	This page contain	s a detailed description of the f		
		New Sea	irch!	
	Current Owner In	formation:		
	CBL	400 D023001		
Services	Land Use Type	RETAIL & PERSONAL SE	RVICE	
Applications	Verify legal use with Inspections Division			
Doing Business	Property Location			
Maps	Owner Information FALLBROOK PROPERTIES LLC			
Tax Relief	418 RAY ST PORTLAND ME 04103			
Tax Roll	Book and Page			
Q & A	Legal Description 400-D-23 402-I-1 403-F-1			
browse city services a-z	RAY ST 362-362 MERRYMEETING DR 60 549978 SF			
	Rental Registration			
browse facts and links a-z	Acres	12.6258		
	Current Assessed Valuation:			
	TAX ACCT NO.	25421	OWNER OF RECORD	AS OF APRIL
	LAND VALUE	\$305,600.00	2019 FALLBROOK PROPERTI	ESLIC
RTLAN	BUILDING VALUE	\$3,086,400.00	FALLOROUK PROPERTI	ES LLC
Best viewed at 800x600, with Internet Explorer	NET TAXABLE - REA ESTATE	\$3,392,000.00	418 RAY ST PORTLAND ME 04103	
	TAX AMOUNT	\$79,067.52		
	Any information concerning tax payments should be directed to the Treasury office at 874-8490 or <u>e-mailed</u> .			

Building Information:

Build	ling 1
Year Built	1993
Style/Structure	Гуре
# Units	1
Square Feet	27600

View Sketch View Map View Picture

Exterior/Interior Information:

	Building 1
Levels	01/01
Size	27600
Use	NURSING HOME
Height	9
Walls	FRAME
Heating	HEAT PUMP
A/C	CENTRAL

Other Features:

11/10/2019

	Building 1
Structure	SPRINKLER - WET
Size	27600X1
	Building 1

Portland Maine Assessor's Online Database

CANOPY - ONLY Structure 708X1

Size

Year Built

Outbuildings/Yard Improvements:

	Building 1
Year Built	1993
Structure	ASPHALT PARKING
Size	20000
Units	1
Grade	С
Condition	3
	Building 1

1993

Structure	LIGHT - MERCURY VAPOR, POLE
Size	1X1
Units	6
Grade	С
Condition	3

Building 1

Year Built	1993
Structure	SHED-FRAME
Size	10X14
Units	1
Grade	С
Condition	3

Sales Information:

Sale Date	Туре	Price	Book/Page
12/30/2009	LAND + BUILDING	\$0.00	27501/183
	New Searc	:h!	

Attachment 8

Visual Field Survey – Appendix A

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APPENDIX A: MDEP VISUAL EVALUATION FIELD SURVEY CHECKLIST (Natural Resources Protection Act, 38 M.R.S. §§ 480 A - Z)

Name of applicant: Fallbrook Commons Development, LLC Phone:	207-233-8665		
Application Type: <u>NRPA Tier 2</u>			
Activity Type: (brief activity description) wetland fill associated w	vith construction		
Activity Location: Town: <u>Portland</u> County: <u>Cu</u>	mberland		
GIS Coordinates, if known:			
Date of Survey: <u>11/18/2019</u> Observer: <u>R. Gabryszewski</u>	Phone:	207-200-2065	
		en the Proposed V esource (in Miles)	
1.Would the activity be visible from:	0-1/4	¹ /4-1	1+
A. A National Natural Landmark or other outstanding natural feature?			X
B. A State or National Wildlife Refuge, Sanctuary, or Preserve or a State Game Refuge?			X
C. A state or federal trail?			X
D. A public site or structure listed on the National Register of Historic Places?			X
E. A National or State Park?			X
<i>F. 1)</i> A municipal park or public open space? Note: Pine Grove Park is within a 1/4 mile - but the activity will not be	De visible		X
2) A publicly owned land visited, in part, for the use, observation, enjoyment and appreciation of natural or man-made visual qualities?			X
3) A public resource, such as the Atlantic Ocean, a great pond or a navigable river?			X
2. What is the closest estimated distance to a similar activity?			X
3. What is the closest distance to a public facility intended for a similar use?			X
4. Is the visibility of the activity seasonal?(i.e., screened by summer foliage, but visible during other se	asons)	□Yes	⊠No
5. Are any of the resources checked in question 1 used by the pu during the time of year during which the activity will be visi		□Yes	⊠No

A listing of National Natural Landmarks and other outstanding natural features in the State of Maine can be found at: www.nature.nps.gov/nnl/Registry/USA_map/states/Maine/maine.htm . In addition, unique natural areas are listed in the Maine Atlas and Gazetteer published by DeLorme.

(pink)

Attachment 9

MDIFW Inquiry



245 STATE OF MAINE DEPARTMENT OF INLAND FISHERIES & WILDLIFE 284 STATE STREET 41 STATE HOUSE STATION AUGUSTA ME 04333-0041



November 20, 2019

Stefanie Nichols Sebago Technics 75 John Roberts Road, Suite 1A Portland, ME 04101

RE: Information Request - Fallbrook Commons Senior Living Facility, Portland

Dear Stefanie:

Per your request received November 12, 2019, we have reviewed current Maine Department of Inland Fisheries and Wildlife (MDIFW) information for known locations of Endangered, Threatened, and Special Concern species; designated Essential and Significant Wildlife Habitats; and fisheries habitat concerns within the vicinity of the *Fallbrook Commons Senior Living Facility Project* in Portland.

Our Department has not mapped any Essential Habitats that would be directly affected by your project.

Endangered, Threatened, and Special Concern Species

Bats

Of the eight species of bats that occur in Maine, the three *Myotis* species are protected under Maine's Endangered Species Act (MESA) and are afforded special protection under 12 M.R.S §12801 - §12810. The three *Myotis* species include little brown bat (State Endangered), northern long-eared bat (State Endangered), and eastern small-footed bat (State Threatened). The five remaining bat species are listed as Special Concern: big brown bat, red bat, hoary bat, silver-haired bat, and tri-colored bat.

While a comprehensive statewide inventory for bats has not been completed, based on historical evidence it is likely that several of these species occur within the project area during migration and/or the breeding season. However, our Agency does not anticipate significant impacts to any of the bat species as a result of this project.

Significant Wildlife Habitat

Significant Vernal Pools

At this time MDIFW Significant Wildlife Habitat (SWH) maps indicate no known presence of SWHs subject to protection under the Natural Resources Protection Act (NRPA) within the project area, which include Waterfowl and Wading Bird Habitats, Seabird Nesting Islands, Shorebird Areas, and Significant Vernal Pools. However, a comprehensive statewide inventory for Significant Vernal Pools has not been completed. Therefore, we recommend that surveys for vernal pools be conducted within the project boundary by qualified wetland scientists prior to final project design to determine whether there are

Significant Vernal Pools present in the area. These surveys should extend up to 250 feet beyond the anticipated project footprint because of potential performance standard requirements for off-site Significant Vernal Pools, assuming such pools are located on land owned or controlled by the applicant. Once surveys are completed, survey forms should be submitted to our Agency for review <u>well before</u> the submission of any necessary permits. Our Department will need to review and verify any vernal pool data prior to final determination of significance.

Fisheries Habitat

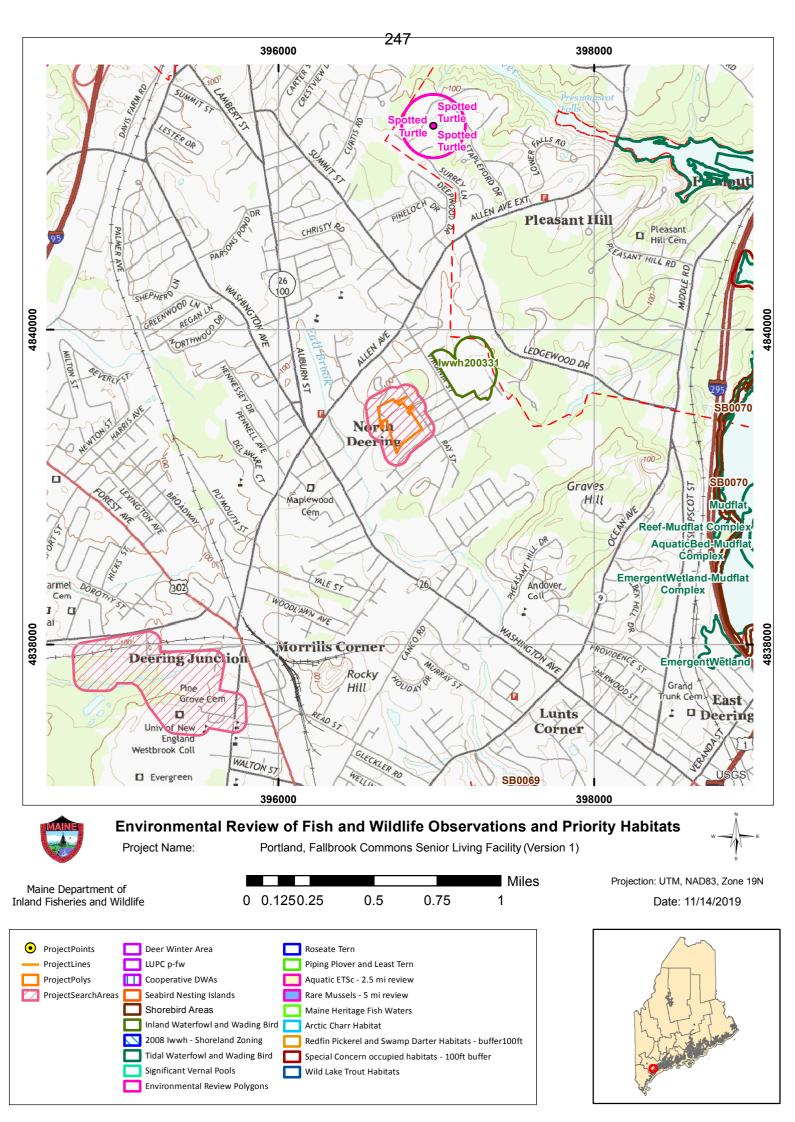
We recommend that 100-foot undisturbed vegetated buffers be maintained along streams. Buffers should be measured from the edge of stream or associated fringe and floodplain wetlands. Maintaining and enhancing buffers along streams that support coldwater fisheries is critical to the protection of water temperatures, water quality, natural inputs of coarse woody debris, and various forms of aquatic life necessary to support conditions required by many fish species. Stream crossings should be avoided, but if a stream crossing is necessary, or an existing crossing needs to be modified, it should be designed to provide full fish passage. Small streams, including intermittent streams, can provide crucial rearing habitat, cold water for thermal refugia, and abundant food for juvenile salmonids on a seasonal basis and undersized crossings may inhibit these functions. Generally, MDIFW recommends that all new, modified, and replacement stream crossings be sized to span at least 1.2 times the bankfull width of the stream. In addition, we generally recommend that stream crossings be open bottomed (i.e. natural bottom), although embedded structures which are backfilled with representative streambed material have been shown to be effective in not only providing habitat connectivity for fish but also for other aquatic organisms. Construction Best Management Practices should be closely followed to avoid erosion, sedimentation, alteration of stream flow, and other impacts as eroding soils from construction activities can travel significant distances as well as transport other pollutants resulting in direct impacts to fish and fisheries habitat. In addition, we recommend that any necessary instream work occur between July 15 and October 1.

This consultation review has been conducted specifically for known MDIFW jurisdictional features and should not be interpreted as a comprehensive review for the presence of other regulated features that may occur in this area. Prior to the start of any future site disturbance we recommend additional consultation with the municipality, and other state resource agencies including the Maine Natural Areas Program and Maine Department of Environmental Protection in order to avoid unintended protected resource disturbance.

Please feel free to contact my office if you have any questions regarding this information, or if I can be of any further assistance.

Best regards,

Becca Settele Wildlife Biologist



United States Department of the Interior

FISH AND WILDLIFE SERVICE Maine Ecological Services Field Office P. O. Box A East Orland, ME 04431 Phone: (207) 469-7300 Fax: (207) 902-1588 http://www.fws.gov/mainefieldoffice/index.html



In Reply Refer To: Consultation Code: 05E1ME00-2020-TA-0136 Event Code: 05E1ME00-2020-E-00643 Project Name: Fallbrook Commons November 11, 2019

Subject: Verification letter for the 'Fallbrook Commons' project under the January 5, 2016, Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-eared Bat and Activities Excepted from Take Prohibitions.

Dear Stefanie Nichols:

The U.S. Fish and Wildlife Service (Service) received on November 11, 2019 your effects determination for the 'Fallbrook Commons' (the Action) using the northern long-eared bat (*Myotis septentrionalis*) key within the Information for Planning and Consultation (IPaC) system. This IPaC key assists users in determining whether a Federal action is consistent with the activities analyzed in the Service's January 5, 2016, Programmatic Biological Opinion (PBO). The PBO addresses activities excepted from "take"^[1] prohibitions applicable to the northern long-eared bat under the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based upon your IPaC submission, the Action is consistent with activities analyzed in the PBO. The Action may affect the northern long-eared bat; however, any take that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o). Unless the Service advises you within 30 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that the PBO satisfies and concludes your responsibilities for this Action under ESA Section 7(a)(2) with respect to the northern long-eared bat.

Please report to our office any changes to the information about the Action that you submitted in IPaC, the results of any bat surveys conducted in the Action area, and any dead, injured, or sick northern long-eared bats that are found during Action implementation. If the Action is not completed within one year of the date of this letter, you must update and resubmit the information required in the IPaC key.

If the Action may affect other federally listed species besides the northern long-eared bat, a proposed species, and/or designated critical habitat, additional consultation between you and this Service office is required. If the Action may disturb bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act is recommended.

[1]Take means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct [ESA Section 3(19)].

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

Fallbrook Commons

2. Description

The following description was provided for the project 'Fallbrook Commons':

Location: Ray Street, Portland Size: 12.78+/- Acres Scope: New senior living facility Timing: Summer 2020, upon receipt of permit approvals

Approximate location of the project can be viewed in Google Maps: <u>https://www.google.com/</u> <u>maps/place/43.700464181223296N70.28103459445164W</u>



Determination Key Result

This Federal Action may affect the northern long-eared bat in a manner consistent with the description of activities addressed by the Service's PBO dated January 5, 2016. Any taking that may occur incidental to this Action is not prohibited under the final 4(d) rule at 50 CFR §17.40(o). Therefore, the PBO satisfies your responsibilities for this Action under ESA Section 7(a)(2) relative to the northern long-eared bat.

Determination Key Description: Northern Long-eared Bat 4(d) Rule

This key was last updated in IPaC on May 15, 2017. Keys are subject to periodic revision.

This key is intended for actions that may affect the threatened northern long-eared bat.

The purpose of the key for Federal actions is to assist determinations as to whether proposed actions are consistent with those analyzed in the Service's PBO dated January 5, 2016.

Federal actions that may cause prohibited take of northern long-eared bats, affect ESA-listed species other than the northern long-eared bat, or affect any designated critical habitat, require ESA Section 7(a)(2) consultation in addition to the use of this key. Federal actions that may affect species proposed for listing or critical habitat proposed for designation may require a conference under ESA Section 7(a)(4).

Determination Key Result

This project may affect the threatened Northern long-eared bat; therefore, consultation with the Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.) is required. However, based on the information you provided, this project may rely on the Service's January 5, 2016, *Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-Eared Bat and Activities Excepted from Take Prohibitions* to fulfill its Section 7(a)(2) consultation obligation.

Qualification Interview

- 1. Is the action authorized, funded, or being carried out by a Federal agency? *Yes*
- Have you determined that the proposed action will have "no effect" on the northern longeared bat? (If you are unsure select "No")
 No
- 3. Will your activity purposefully **Take** northern long-eared bats? *No*
- Is the project action area located wholly outside the White-nose Syndrome Zone? Automatically answered No
- 5. Is the project action area located within 0.25 miles of a known northern long-eared bat hibernaculum?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency

Automatically answered No

6. Is the project action area located within 150 feet of a known occupied northern long-eared bat maternity roost tree?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency

Automatically answered

No

Project Questionnaire

If the project includes forest conversion, report the appropriate acreages below. Otherwise, type '0' in questions 1-3.

1. Estimated total acres of forest conversion:

5

2. If known, estimated acres of forest conversion from April 1 to October 31 *5*

3. If known, estimated acres of forest conversion from June 1 to July 31

0

If the project includes timber harvest, report the appropriate acreages below. Otherwise, type '0' in questions 4-6.

4. Estimated total acres of timber harvest

0

5. If known, estimated acres of timber harvest from April 1 to October 31 *0*

6. If known, estimated acres of timber harvest from June 1 to July 31 *0*

If the project includes prescribed fire, report the appropriate acreages below. Otherwise, type '0' in questions 7-9.

7. Estimated total acres of prescribed fire

0

8. If known, estimated acres of prescribed fire from April 1 to October 31

0

9. If known, estimated acres of prescribed fire from June 1 to July 31

0

If the project includes new wind turbines, report the megawatts of wind capacity below. Otherwise, type '0' in question 10.

10. What is the estimated wind capacity (in megawatts) of the new turbine(s)?

0

United States Department of the Interior

FISH AND WILDLIFE SERVICE Maine Ecological Services Field Office P. O. Box A East Orland, ME 04431 Phone: (207) 469-7300 Fax: (207) 902-1588 http://www.fws.gov/mainefieldoffice/index.html



In Reply Refer To: Consultation Code: 05E1ME00-2020-SLI-0136 Event Code: 05E1ME00-2020-E-00642 Project Name: Fallbrook Commons November 11, 2019

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies the threatened, endangered, candidate, and proposed species and designated or proposed critical habitat that may occur within the boundary of your proposed project or may be affected by your proposed project. This species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC Web site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the Endangered Species Consultation Handbook at: <u>http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF</u>

This species list also identifies candidate species under review for listing and those species that the Service considers species of concern. Candidate species have no protection under the Act but are included for consideration because they could be listed prior to completion of your project. Species of concern are those taxa whose conservation status is of concern to the Service (i.e., species previously known as Category 2 candidates), but for which further information is needed.

If a proposed project may affect only candidate species or species of concern, you are not required to prepare a Biological Assessment or biological evaluation or to consult with the Service. However, the Service recommends minimizing effects to these species to prevent future conflicts. Therefore, if early evaluation indicates that a project will affect a candidate species or species of concern, you may wish to request technical assistance from this office to identify appropriate minimization measures.

Please be aware that bald and golden eagles are not protected under the Endangered Species Act but are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.). Projects affecting these species may require development of an eagle conservation plan: <u>http://www.fws.gov/windenergy/eagle_guidance.html</u> Information on the location of bald eagle nests in Maine can be found on the Maine Field Office Web site: <u>http://www.fws.gov/mainefieldoffice/Project%20review4.html</u>

Additionally, wind energy projects should follow the wind energy guidelines: <u>http://www.fws.gov/windenergy/</u> for minimizing impacts to migratory birds and bats. Projects may require development of an avian and bat protection plan.

Migratory birds are also a Service trust resource. Under the Migratory Bird Treaty Act, construction activities in grassland, wetland, stream, woodland, and other habitats that would result in the take of migratory birds, eggs, young, or active nests should be avoided. Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g.,

cellular, digital television, radio, and emergency broadcast) can be found at: <u>http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm</u> and at: <u>http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html</u>

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Maine Ecological Services Field Office P. O. Box A Fast Orland ME 04431

East Orland, ME 04431 (207) 469-7300

Project Summary

Consultation Code:	05E1ME00-2020-SLI-0136
Event Code:	05E1ME00-2020-E-00642
Project Name:	Fallbrook Commons
Project Type:	DEVELOPMENT
Project Description:	Location: Ray Street, Portland Size: 12.78+/- Acres Scope: New senior living facility Timing: Summer 2020, upon receipt of permit approvals

Project Location:

Approximate location of the project can be viewed in Google Maps: <u>https://www.google.com/maps/place/43.700464181223296N70.28103459445164W</u>



Counties: Cumberland, ME

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat Myotis septentrionalis	Threatene
No critical habitat has been designated for this species.	
Species profile: <u>https://ecos.fws.gov/ecp/species/9045</u>	

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

led

Attachment 10

Native American Tribe Inquiries/Responses

From:	Sue Young <ogs1@maliseets.com></ogs1@maliseets.com>
Sent:	Thursday, November 14, 2019 11:23 AM
То:	Stefanie Nichols
Subject:	RE: 18347-Fallbrook Commons, Portland - Houlton Band of Maliseet

Good morning Stefanie,

We do not have an immediate concern with your project or project site, and do not currently have the resources to fully investigate same. Should any human remains, archaelogical properties or other items of historical importance be unearthed while working on this project, we recommend that you stop your project and report your findings to the appropriate authorities including the Houlton Band of Maliseet Indians.

Thank you.

Susan Young

Tribal Historic Preservation Officer Natural Resources Director Houlton Band of Maliseet Indians 88 Bell Road Littleton, ME 04730 207-532-4273 ext. 202 fax 207-532-6883

ogs1@maliseets.com

www.maliseets.com

From: Stefanie Nichols [mailto:snichols@sebagotechnics.com]
Sent: Thursday, November 07, 2019 9:29 AM
To: Sue Young
Subject: 18347-Fallbrook Commons, Portland - Houlton Band of Maliseet

Sue,

Please find a formal site review request attached. Please let me know if you require additional information.

Best, Stefanie

Stefanie Nichols *Permitting Specialist/Project Coordinator*

Sebago Technics, Inc. An Employee-Owned Company 75 John Roberts Rd., Suite 4A, South Portland, ME 04106 Office: 207.200.2100 | Direct: 207.200.2120 | Fax: 207.856.2206



Transmittal

18347

То:	Ms. Jennifer Pictou, THPO Aroostook Band of Micmacs jpictou@micmac-nsn.gov
From:	Stefanie Nichols Permitting Specialist/Project Coordinator
Date:	November 7, 2019
Subject:	Fallbrook Commons – Portland, ME

On behalf of the applicant, Sandy River Co., we respectfully request a project review for an 11.8-acre± property located on Merrymeeting Drive in the City of Portland. The applicant intends to build a new senior living facility and other associated site improvements requiring review by the City of Portland, Maine Department of Environmental Protection and U.S. Army Corps of Engineers.

Please review available resources for the presence of any structures or sites of historic, architectural or archaeological significance to the Aroostook Band of Micmacs as defined by the amended National Historic Preservation Act of 1966. Should you have any questions, or if you need additional information please do not hesitate to contact me. Thank you in advance for your assistance.

enc. Site location map



Transmittal

18347

То:	Mr. Donald Soctomah, THPO Passamaquoddy Tribe soctomah@gmail.com
From:	Stefanie Nichols Permitting Specialist/Project Coordinator
Date:	November 7, 2019
Subject:	Fallbrook Commons – Portland, ME

On behalf of the applicant, Sandy River Co., we respectfully request a project review for an 11.8-acre± property located on Merrymeeting Drive in the City of Portland. The applicant intends to build a new senior living facility and other associated site improvements requiring review by the City of Portland, Maine Department of Environmental Protection and U.S. Army Corps of Engineers.

Please review available resources for the presence of any structures or sites of historic, architectural or archaeological significance to the Passamaquoddy Tribe as defined by the amended National Historic Preservation Act of 1966. Should you have any questions, or if you need additional information please do not hesitate to contact me. Thank you in advance for your assistance.

enc. Site location map



Transmittal

18347

Subject:	Fallbrook Commons – Portland, ME
Date:	November 7, 2019
From:	Stefanie Nichols Permitting Specialist/Project Coordinator
То:	Mr. Christopher Sockalexis, THPO Cultural & Historic Preservation Department Penobscot Nation chris.sockalexis@penobscotnation.com

On behalf of the applicant, Sandy River Co., we respectfully request a project review for an 11.8-acre± property located on Merrymeeting Drive in the City of Portland. The applicant intends to build a new senior living facility and other associated site improvements requiring review by the City of Portland, Maine Department of Environmental Protection and U.S. Army Corps of Engineers.

Please review available resources for the presence of any structures or sites of historic, architectural or archaeological significance to Penobscot Nation as defined by the amended National Historic Preservation Act of 1966. Should you have any questions, or if you need additional information please do not hesitate to contact me. Thank you in advance for your assistance.

enc. Site location map

Attachment 11

Notice

Public Notice Notice of Intent to File

Please take notice that Fallbrook Senior Care Development, LLC is intending to file a Natural Resource Protection Act and an amended Site Location of Development Act permit application with the Maine Department of Environmental Protection pursuant to the provisions of 38 M.R.S.A. §§ 480-A thru 480-BB and §§ 481 thru 490 on or about February 20, 2020.

A Public Informational Meeting will be held at 6 P.M on February 18th at Fallbrook Woods, 60 Merrymeeting Drive, Portland.

The applicant is proposing to construct a new two-story 58,197 s.f. senior care facility. Improvements will result in approximately 37,787 s.f of wetland impacts, the creation of approximately 2.7 acres of new impervious surface, and 5.6 acres of developed area.

A request for a public hearing or a request that the Board of Environmental Protection assume jurisdiction over this application must be received by the Department in writing, no later than 20 days after the application is found by the Department to be complete and is accepted for processing. A public hearing may or may not be held at the discretion of the Commissioner or Board of Environmental Protection. Public comment on the application will be accepted throughout the processing of the application.

The application will be filed for public inspection at the Department of Environmental Protection's office in Portland during normal working hours. A copy of the application may also be seen at the City of Portland municipal offices.

Written public comments may be sent to the Southern Maine Regional Office in Portland at MDEP, Southern Maine Regional Office, 312 Canco Road, Portland, Maine 04103 where the application is filed for public inspection.

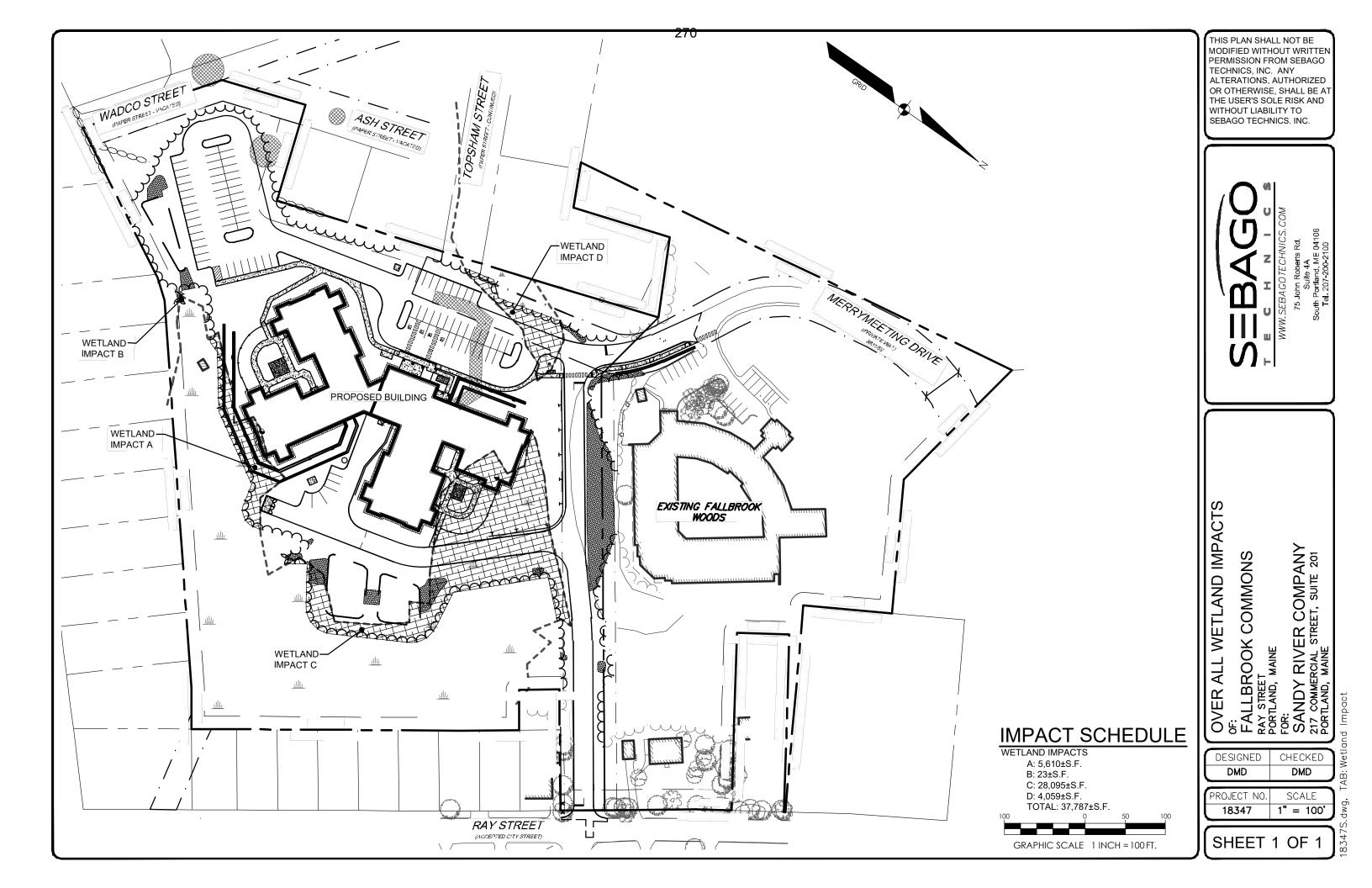
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Public Notice	
Notice of Intent to File	
Please take notice that Fallbrook Senior Care	
Development, LLC is	
intending to file a Natu- ral Resource Protection	
Act and an amended	
Site Location of De- velopment Act permit	
application with the Maine Department of	
Environmental Protec-	
Environmental Protec- tion pursuant to the provisions of 38 M.R.S.A.	
and §§ 481 thru 490 on or about February 20, 2020.	
20, 2020. A Public Informational	
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Merrymeeting Drive,	
Portland. The applicant is pro-	
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area. A request for a public	
hearing or a request that the Board of Envi-	
ronmental Protection	
assume jurisdiction over this application	
must be received by the Department in writ-	
ina, no later than 20	
days after the appli- cation is found by the	
Department to be com-	
plete and is accept- ed for processing. A	
public hearing may or may not be held at the	
discretion of the Com- missioner or Board of	
Environmental Protec-I	
tion. Public comment on the application will	
be accepted through-	
out the processing of the application.	
The application will be filed for public in-	
spection at the Depart-	
ment of Environmental Protection's office in	
Portland during normal	
working hours. A copy of the application may	
also be seen at the City of Portland municipal	
offices.	
Written public com- ments may be sent to	
the Southern Maine Regional Office in Port-	
land at MDEP, Southern	
Maine Regional Office, 312 Canco Road, Port-	
land, Maine 04103 where the application	
is filed for public in-	
spection.	

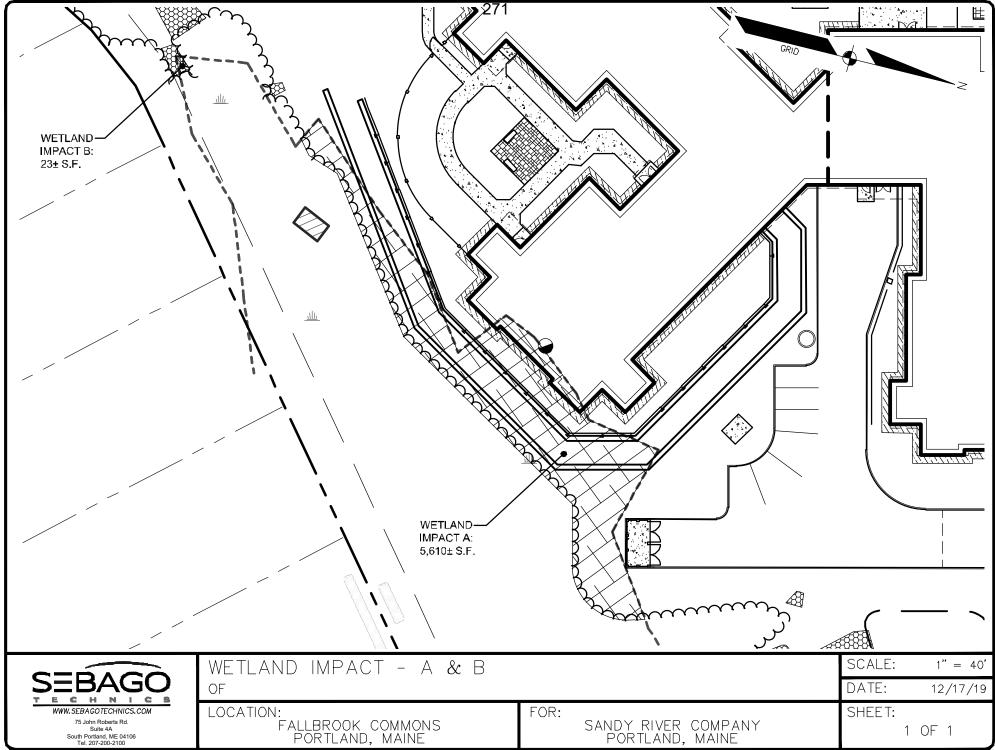
From: Lori Gunn <<u>lgunn@sebagotechnics.com</u>> Sent: Monday, February 03, 2020 9:17 AM To: Joan Jensen <<u>jjensen@pressherald.com</u>>

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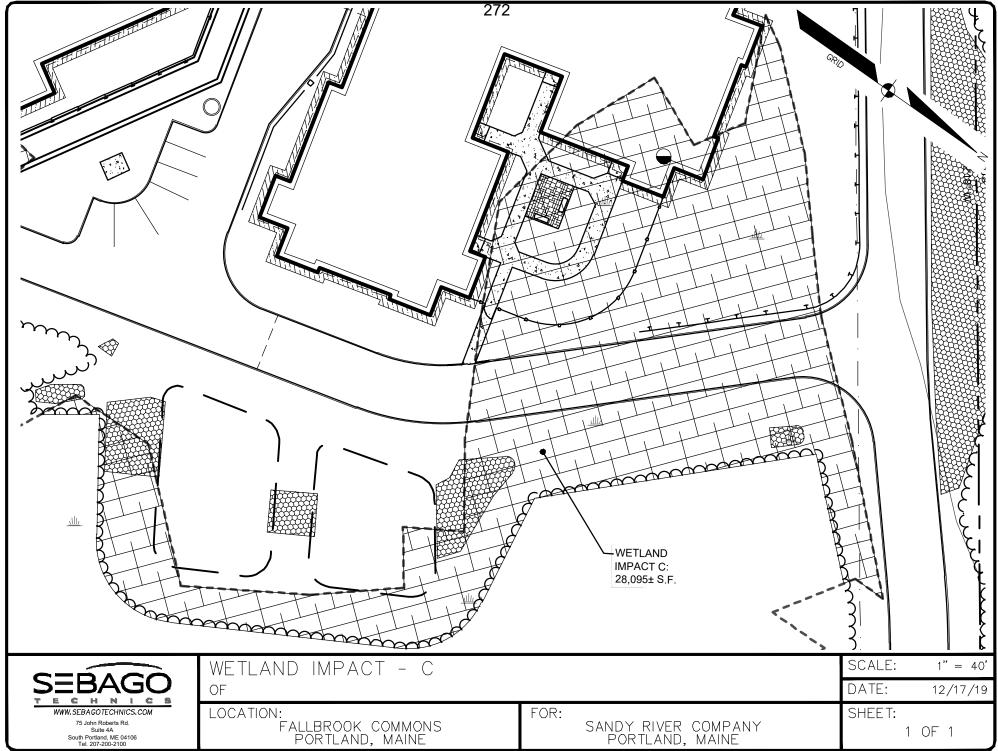
Attachment 12

Impact Figure

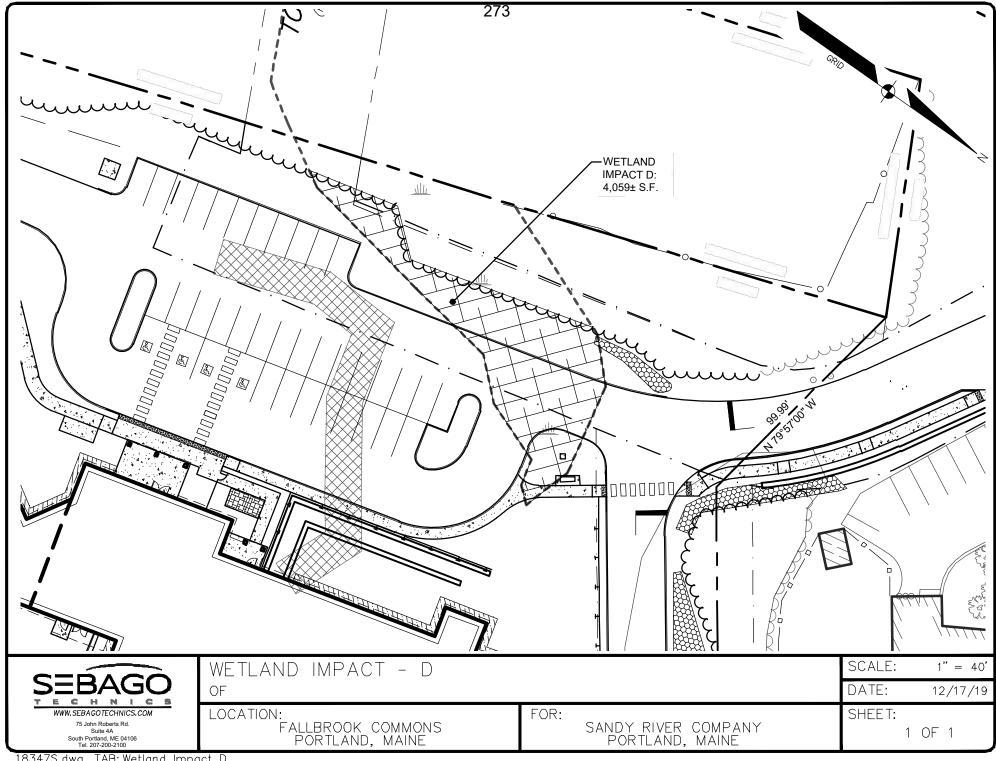




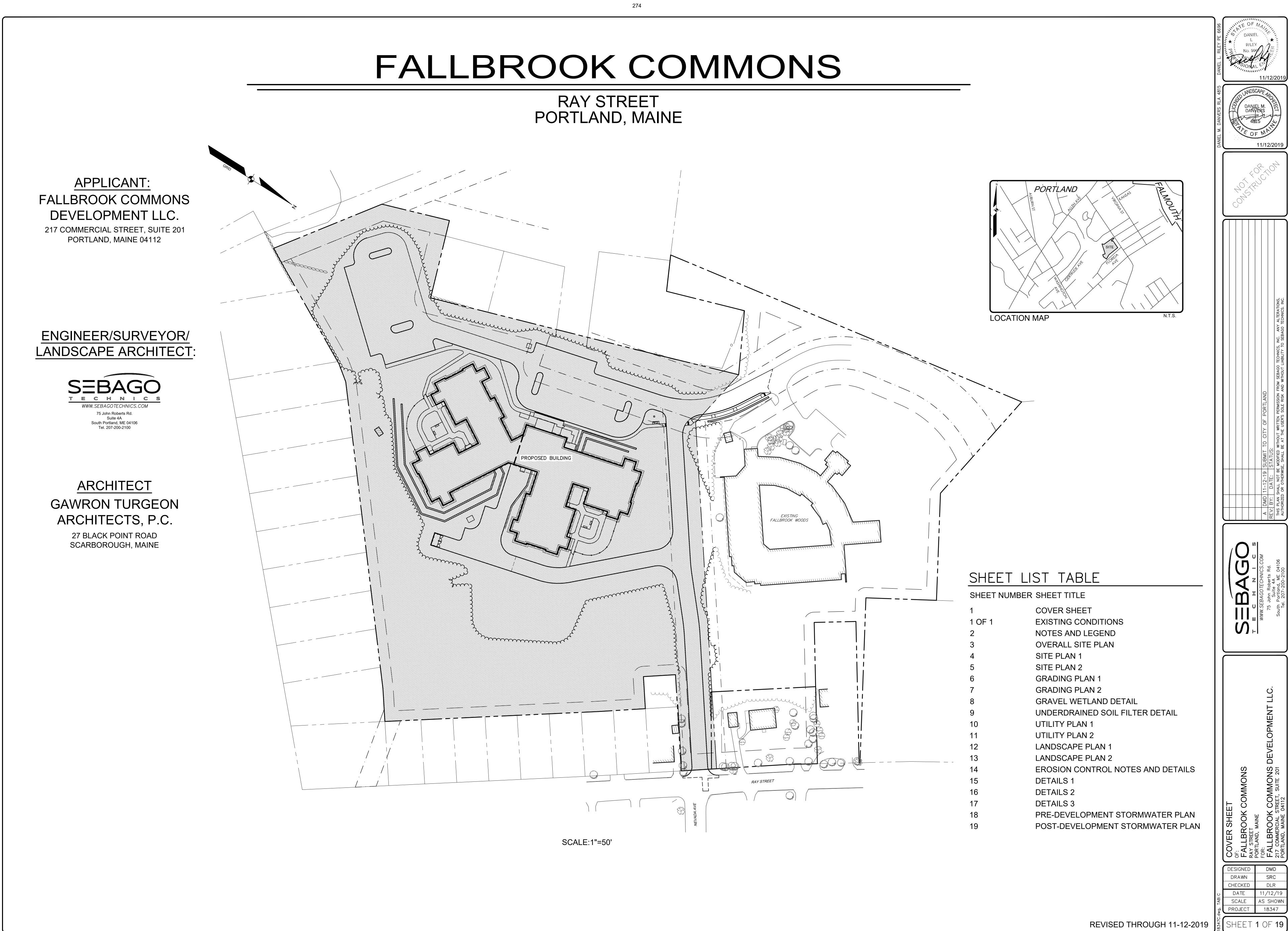
¹⁸³⁴⁷S.dwg, TAB: Wetland Impact A and B

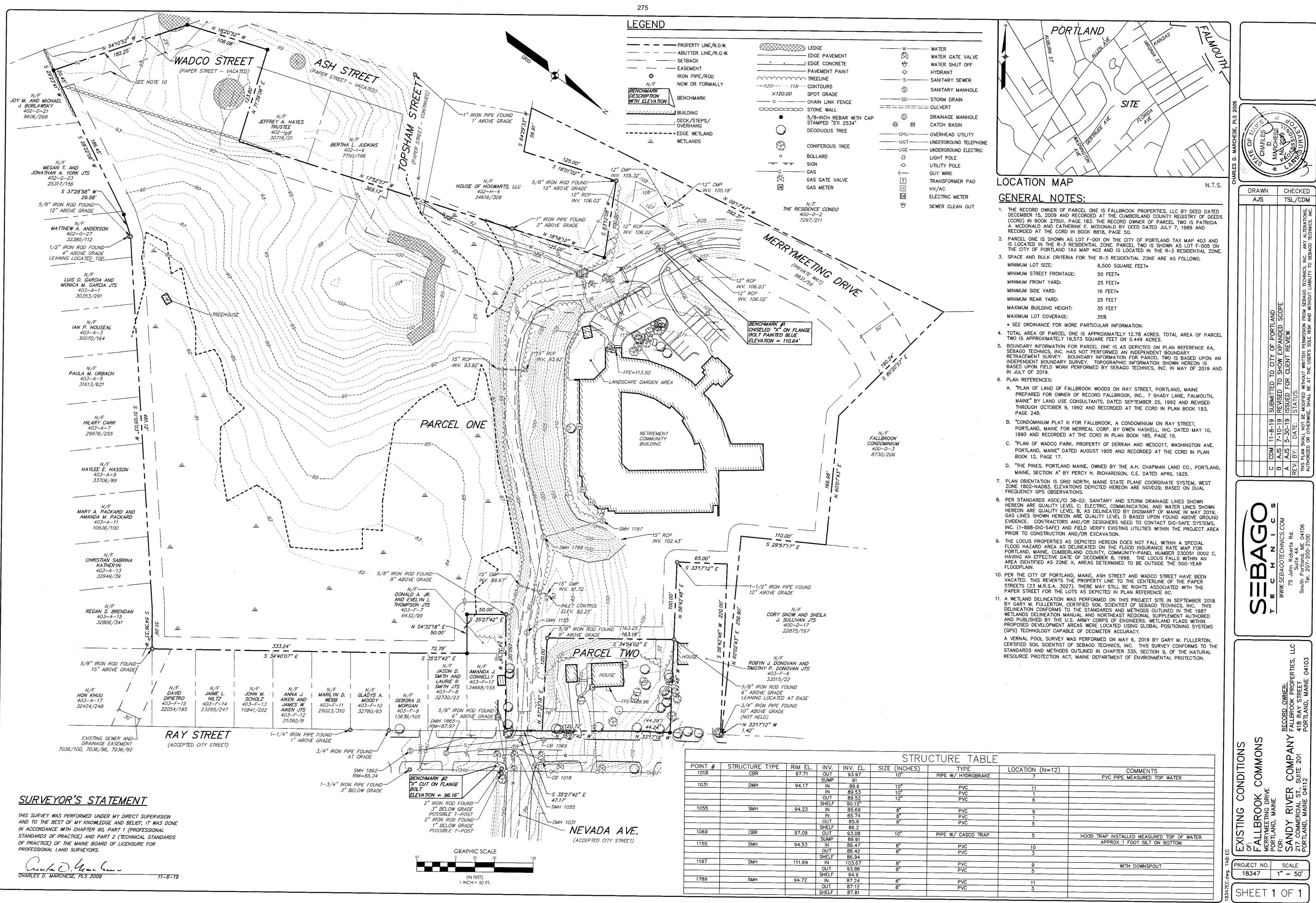


¹⁸³⁴⁷S.dwg, TAB: Wetland Impact C



¹⁸³⁴⁷S.dwg, TAB: Wetland Impact D





	TYPE	LOCATION (N=12)	COMMENTS
	PIPE W/ HYDROBRAKE	7	PVC PIPE MEASURED TOP WATER
	PVC	11	
	PVC	1	
	PVC	6	
	PVC	9	······
	PVC	1	
	PVC	5	
	PIPE W/ CASCO TRAP	5	HOOD TRAP INSTALLED MEASURED TOP OF WATER
-	PVC		APPROX 1 FOOT SILT ON BOTTOM
	PVC	10	
	PVC	9	WITH DOWNSPOUT
	PVC	5	
\exists	PVC	11	
	PVC	3	

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2222222	RIPRAP CHECK DAM INLET PROTECTION	
555555555	RIPRAP CHECK DAM INLET PROTECTION BOULDER	
28282828	RIPRAP CHECK DAM INLET PROTECTION BOULDER STONE DRIP EDGE	
\$\$\$\$	RIPRAP CHECK DAM INLET PROTECTION BOULDER STONE DRIP EDGE ROOF OVERHANG	
1888888	RIPRAP CHECK DAM INLET PROTECTION BOULDER STONE DRIP EDGE ROOF OVERHANG TREE TO BE REMOVED	
	RIPRAP CHECK DAM INLET PROTECTION BOULDER STONE DRIP EDGE ROOF OVERHANG TREE TO BE REMOVED	
OUCTILE IRON	RIPRAP CHECK DAM INLET PROTECTION BOULDER STONE DRIP EDGE ROOF OVERHANG TREE TO BE REMOVED	
ABBREVIA	RIPRAP CHECK DAM INLET PROTECTION BOULDER STONE DRIP EDGE ROOF OVERHANG TREE TO BE REMOVED TIONS DI HDPE	
DUCTILE IRON HGH-DENSITY POLYETHYLENE ANDSCAPED AREA HEET EXISTING	RIPRAP CHECK DAM INLET PROTECTION BOULDER STONE DRIP EDGE ROOF OVERHANG TREE TO BE REMOVED TIONS DI HDPE LSA ±ME	
DUCTILE IRON HGH-DENSITY POLYETHYLENE ANDSCAPED AREA HEET EXISTING	RIPRAP CHECK DAM INLET PROTECTION BOULDER STONE DRIP EDGE ROOF OVERHANG TREE TO BE REMOVED TIONS DI HDPE LSA	
DUCTILE IRON IIGH-DENSITY	RIPRAP CHECK DAM INLET PROTECTION BOULDER STONE DRIP EDGE ROOF OVERHANG TREE TO BE REMOVED TIONS DI HDPE LSA ±ME	
UCTILE IRON IGH-DENSITY OLYETHYLENE ANDSCAPED AREA IEET EXISTING	RIPRAP CHECK DAM INLET PROTECTION BOULDER STONE DRIP EDGE ROOF OVERHANG TREE TO BE REMOVED TIONS DI HDPE LSA ±ME	

1.	THE RECORD OWNER OF PARCEL ONE IS FALLBROOK PROPERTIES, LLC BY DEED DATED DECEMBER 15, 2009 AND RECORDED AT THE CUMBERLAND COUNTY REGISTRY OF DEEDS (CCRD) IN BOOK 27501, PAGE 183. THE RECORD OWNER OF PARCEL TWO IS PATRICIA A. MCDONALD AND CATHERINE E. MCDONALD BY DEED DATED JULY 7, 1989 AND RECORDED AT THE CCRD IN BOOK 8818, PAGE 50.
2.	PARCEL ONE IS SHOWN AS LOT F-001 ON THE CITY OF PORTLAND TAX MAP 403 AND IS LOCATED IN THE R-3 RESIDENTIAL ZONE. PARCEL TWO IS SHOWN AS LOT F-005 ON THE CITY OF PORTLAND TAX MAP 403 AND IS LOCATED IN THE R-3 RESIDENTIAL ZONE.
3.	SPACE AND BULK CRITERIA FOR THE R-3 RESIDENTIAL ZONE ARE AS FOLLOWS:MINIMUM LOT SIZE:2 ACRES*MINIMUM STREET FRONTAGE:50 FEET*
	MINIMUM FRONT YARD: 25 FEET*
	MINIMUM SIDE YARD:16 FEET*MINIMUM REAR YARD:25 FEET
	MAXIMUM BUILDING HEIGHT: 35 FEET
	MAXIMUM LOT COVERAGE: 35% * SEE ORDINANCE FOR MORE PARTICULAR INFORMATION.
4.	TOTAL AREA OF THE LOT IS APPROXIMATELY 360,771 SQUARE FEET OR 8.3 ACRES.
5.	BOUNDARY INFORMATION FOR PARCEL ONE IS AS DEPICTED ON PLAN REFERENCE 6A, SEBAGO TECHNICS, INC. HAS NOT PERFORMED AN INDEPENDENT BOUNDARY RETRACEMENT SURVEY. BOUNDARY INFORMATION FOR PARCEL TWO IS BASED UPON AN INDEPENDENT BOUNDARY SURVEY. TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED UPON FIELD WORK PERFORMED BY SEBAGO TECHNICS, INC. IN MAY OF 2019 AND IN JULY OF 2019.
6.	<ul> <li>PLAN REFERENCES:</li> <li>A. "PLAN OF LAND OF FALLBROOK WOODS ON RAY STREET, PORTLAND, MAINE PREPARED FOR OWNER OF RECORD FALLBROOK, INC., 7 SHADY LANE, FALMOUTH, MAINE" BY LAND USE CONSULTANTS, DATED SEPTEMBER 25, 1992 AND REVISED THROUGH OCTOBER 9, 1992 AND RECORDED AT THE CCRD IN PLAN BOOK 193, PAGE 248.</li> </ul>
	<ul> <li>B. "CONDOMINIUM PLAT III FOR FALLBROOK, A CONDOMINIUM ON RAY STREET, PORTLAND, MAINE FOR MERREAL CORP. BY OWEN HASKELL, INC. DATED MAY 10, 1990 AND RECORDED AT THE CCRD IN PLAN BOOK 185, PAGE 15.</li> <li>IDI AN OF WARDOO DADIC, PROPERTY OF REPRAN AND WEDGOTT, WARDWINGTON AND</li> </ul>
	C. "PLAN OF WADCO PARK, PROPERTY OF DERRAH AND WESCOTT, WASHINGTON AVE. PORTLAND, MAINE" DATED AUGUST 1905 AND RECORDED AT THE CCRD IN PLAN BOOK 12, PAGE 17.
	D. "THE PINES, PORTLAND MAINE, OWNED BY THE A.H. CHAPMAN LAND CO., PORTLAND, MAINE, SECTION A" BY PERCY H. RICHARDSON, C.E. DATED APRIL 1925.
7.	PLAN ORIENTATION IS GRID NORTH, MAINE STATE PLANE COORDINATE SYSTEM, WEST ZONE 1802-NAD83, ELEVATIONS DEPICTED HEREON ARE NGVD29, BASED ON DUAL FREQUENCY GPS OBSERVATIONS.
8.	PER STANDARDS ASCE/CI 38-02: SANITARY AND STORM DRAINAGE LINES SHOWN HEREON ARE QUALITY LEVEL C; ELECTRIC, COMMUNICATION, AND WATER LINES SHOWN HEREON ARE QUALITY LEVEL B, AS DELINEATED BY DIGSMART OF MAINE IN MAY 2019; GAS LINES SHOWN HEREON ARE QUALITY LEVEL D BASED UPON FOUND ABOVE GROUND EVIDENCE. CONTRACTORS AND/OR DESIGNERS NEED TO CONTACT DIG-SAFE SYSTEMS, INC. (1-888-DIG-SAFE) AND FIELD VERIFY EXISTING UTILITIES WITHIN THE PROJECT AREA PRIOR TO CONSTRUCTION AND/OR EXCAVATION.
9.	THE LOCUS PROPERTIES AS DEPICTED HEREON DOES NOT FALL WITHIN A SPECIAL FLOOD HAZARD AREA AS DELINEATED ON THE FLOOD INSURANCE RATE MAP FOR PORTLAND, MAINE, CUMBERLAND COUNTY, COMMUNITY-PANEL NUMBER 230051 0002 C, HAVING AN EFFECTIVE DATE OF DECEMBER 8, 1998. THE LOCUS FALLS WITHIN AN AREA IDENTIFIED AS ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN.
10.	PER THE CITY OF PORTLAND, MAINE, ASH STREET AND WADCO STREET HAVE BEEN VACATED. THIS REVERTS THE PROPERTY LINE TO THE CENTERLINE OF THE PAPER STREETS (23 M.R.S.A. 3027). THERE MAY STILL BE RIGHTS ASSOCIATED WITH THE PAPER STREET FOR THE LOTS AS DEPICTED IN PLAN REFERENCE 6C.
11.	A WETLAND DELINEATION WAS PERFORMED ON THIS PROJECT SITE IN SEPTEMBER 2018 BY GARY M. FULLERTON, CERTIFIED SOIL SCIENTIST OF SEBAGO TECHNICS, INC. THIS DELINEATION CONFORMS TO THE STANDARDS AND METHODS OUTLINED IN THE 1987 WETLANDS DELINEATION MANUAL AND NORTHEAST REGIONAL SUPPLEMENT AUTHORED AND PUBLISHED BY THE U.S. ARMY CORPS OF ENGINEERS. WETLAND FLAGS WITHIN PROPOSED DEVELOPMENT AREAS WERE LOCATED USING GLOBAL POSITIONING SYSTEMS (GPS) TECHNOLOGY CAPABLE OF DECIMETER ACCURACY. A VERNAL POOL SURVEY WAS PERFORMED ON MAY 6, 2019 BY GARY M. FULLERTON, CERTIFIED SOIL SCIENTIST OF SEBAGO TECHNICS, INC. THIS SURVEY CONFORMS TO THE STANDARDS AND METHODS OUTLINED IN CHAPTER 335, SECTION 9, OF THE NATURAL RESOURCE PROTECTION ACT, MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
12.	ALL WORK SHALL CONFORM TO THE APPLICABLE CODES AND ORDINANCES.
13.	CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM OR HERSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIM OR HERSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
14.	CONTRACTOR SHALL NOTIFY ENGINEER OF ALL PRODUCTS OR ITEMS NOTED AS "EXISTING" WHICH ARE NOT FOUND IN THE FIELD.
15.	PROVIDE ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND OWNER'S REQUIREMENTS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
16.	CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE ENGINEER.
17.	CONTRACTOR SHALL CLEAN AND REMOVE DEBRIS AND SEDIMENT DEPOSITED ON PUBLIC. STREETS, SIDEWALKS, ADJACENT AREAS, OR OTHER PUBLIC WAYS DUE TO CONSTRUCTION.
18.	CONTRACTOR SHALL INCORPORATE PROVISIONS AS NECESSARY IN CONSTRUCTION TO PROTECT EXISTING STRUCTURES, PHYSICAL FEATURES, AND MAINTAIN SITE STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL RESTORE ALL AREAS TO ORIGINAL CONDITION AND AS DIRECTED BY DESIGN DRAWINGS.
19.	SITE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
20.	ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENT CONTROL BMPS" PUBLISHED BY THE BUREAU OF LAND AND WATER QUALITY OF THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OCTOBER 2016 OR LATEST EDITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POSSESS A COPY OF THE EROSION CONTROL PLAN AT ALL TIMES.
21.	THE CONTRACTOR IS HEREBY CAUTIONED THAT ALL SITE FEATURES SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS BY THE SURVEYOR AND BY INFORMATION PROVIDED BY UTILITY COMPANIES. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT DIG SAFE (811) AT LEAST THREE (3) BUT NOT MORE THAN THIRTY (30) DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES.
22.	CONTRACTOR SHALL BE AWARE THAT DIG SAFE ONLY NOTIFIES ITS "MEMBER" UTILITIES ABOUT THE DIG. WHEN NOTIFIED, DIG SAFE WILL ADVISE CONTRACTOR OF MEMBER UTILITIES IN THE AREA. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND CONTACTING NON-MEMBER UTILITIES DIRECTLY. NON-MEMBER UTILITIES MAY INCLUDE TOWN OR CITY WATER AND SEWER DISTRICTS AND SMALL LOCAL UTILITIES, AS WELL AS USG PUBLIC WORKS SYSTEMS.
23.	CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF 23 MRSA 3360-A. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE APPROPRIATE UTILITIES TO OBTAIN AUTHORIZATION PRIOR TO RELOCATION OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS. IF A UTILITY CONFLICT ARISES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER, THE MUNICIPALITY AND APPROPRIATE UTILITY COMPANY PRIOR TO PROCEEDING WITH ANY RELOCATION.
24.	ALL PAVEMENT MARKINGS AND DIRECTIONAL SIGNAGE SHOWN ON THE PLAN SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS.
25.	ALL PAVEMENT JOINTS SHALL BE SAWCUT PRIOR TO PAVING TO PROVIDE A DURABLE AND UNIFORM JOINT.
26.	NO HOLES, TRENCHES OR STRUCTURES SHALL BE LEFT OPEN OVERNIGHT IN ANY EXCAVATION ACCESSIBLE TO THE PUBLIC OR IN PUBLIC RIGHTS-OF-WAY.
27.	IMMEDIATELY UPON COMPLETION OF CUTS/FILLS, THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH EROSION CONTROL NOTES AND AS SPECIFIED ON PLANS.
28.	THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR THE REMOVAL, REPLACEMENT AND RECTIFICATION OF ALL DAMAGED AND DEFECTIVE MATERIAL AND

- WORKMANSHIP IN CONNECTION WITH THE CONTRACT WORK. THE CONTRACTOR SHALL REPLACE OR REPAIR AS DIRECTED BY THE OWNER ALL SUCH DAMAGED OR DEFECTIVE MATERIALS WHICH APPEAR WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. 29. ALL WORK PERFORMED BY THE GENERAL CONTRACTOR AND/OR TRADE SUBCONTRACTOR SHALL ORM TO THE REQUIREMENTS OF LOCAL, STATE OR FEDERAL LAWS, AS WELL AS ANY OTHER
- GOVERNING REQUIREMENTS, WHETHER OR NOT SPECIFIED ON THE DRAWINGS. 30. WHERE THE TERMS "APPROVED EQUAL", "OTHER APPROVED", "EQUAL TO", "ACCEPTABLE" OR OTHER GENERAL QUALIFYING TERMS ARE USED IN THESE NOTES, IT SHALL BE UNDERSTOOD THAT REFERENCE IS MADE TO THE RULING AND JUDGEMENT OF SEBAGO TECHNICS, INC.
- 31. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR THE WORK UNTIL TURNED OVER TO THE OWNER.
- 32. THE GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS ON SITE DURING ALL PHASES OF CONSTRUCTION FOR USE OF ALL TRADES.

- 33. THE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY CHANGES AND DEVIATION OF APPROVED PLANS NOT AUTHORIZED BY THE ARCHITECT/ENGINEER AND/OR CLIENT/OWNER.
- 34. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. ANY MODIFICATION TO SUIT FIELD DIMENSION AND CONDITION SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ANY WORK.
- 35. BEFORE THE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND MATERIALS, REPAIR OR REPLACE PRIVATE OR PUBLIC PROPERTY WHICH MAY HAVE BEEN DAMAGED OR DESTROYED DURING CONSTRUCTION, CLEAN THE AREAS WITHIN AND ADJACENT TO THE PROJECT WHICH HAVE BEEN OBSTRUCTED BY HIS/HER OPERATIONS, AND LEAVE THE PROJECT AREA NEAT AND PRESENTABLE.
- 36. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FLOW THROUGH THE EXISTING CLOSED STORM DRAINAGE SYSTEM DURING CONSTRUCTION AND SHALL SUBMIT A WORK PLAN FOR APPROVAL BY THE DESIGN ENGINEER.

## UTILITY DEMOLITION NOTES

- 1. PROTECT EXISTING BOUNDARY LINE MONUMENTATION. IF DISTURBED, EXISTING MONUMENTATION TO BE RESET BY A PROFESSIONAL LAND SURVEYOR.
- 2. DEMOLITION OF UTILITIES REQUIRING TREE REMOVAL SHALL BE COORDINATED WITH THE OWNER AND IN ACCORDANCE WITH PROJECT PLANS. 3. UTILITY DEMOLITION SHALL BE COMPLETED IN COORDINATION WITH NEW INFRASTRUCTURE.
- CONTRACTOR SHALL ENSURE EXISTING SURFACE DRAINAGE IS MAINTAINED DURING CONSTRUCTION.
- 4. PROTECT EXISTING UTILITIES ALONG IN PUBLIC R.O.W. UNLESS NOTED OTHERWISE. 5. DEMOLITION SHOWN IS FOR MAJOR SITE ELEMENTS TO BE DEMOLISHED. OTHER MINOR DEMOLITION MAY BE REQUIRED AS PART OF CONSTRUCTION AND SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION. COORDINATE ALL DEMOLITION WORK WITH SITE AND BUILDING DRAWINGS.
- 6. PRIOR TO ANY DEMOLITION, THE CONTRACTOR SHALL SUBMIT A SEQUENCE OF DEMOLITION PLANS TO THE OWNER. THIS PLAN SHALL DEPICT LOCATIONS OF PROPOSED TERMINATIONS AND ANY TEMPORARY SERVICES THAT WILL BE NEEDED.
- 7. CONTRACTOR REQUIRED TO CONFIRM/MAINTAIN BENCHMARKS. IF IMPACTED CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION/RELOCATION AND COORDINATION WITH PROJECT TEAM.

## UTILITY NOTES

- 1. UTILITY INFORMATION DEPICTED HEREON IS COMPILED USING PHYSICAL EVIDENCE LOCATED IN THE FIELD. UTILITIES DEPICTED HEREON MAY NOT NECESSARILY REPRESENT ALL EXISTING UTILITIES. CONTRACTORS AND/OR DESIGNERS NEED TO CONTACT DIG-SAFE SYSTEMS, INC. (1-888-DIG-SAFE) AND FIELD VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION AND/OR EXCAVATION. PROTECT EXISTING ONSITE SEWER PIPE AND ADJUST MANHOLE RIMS TO GRADE WHERE APPLICABLE.
- 2. ALL GRAVITY CONDUIT PIPES SHALL BE INSTALLED USING A PIPE LASER AND TARGET SYSTEM THROUGH THE PIPE. ON PIPE RUNS 50 FEET OR LESS, THE CONTRACTOR SHALL REQUEST ENGINEER'S APPROVAL TO USE OR NOT USE A GROUND LASER.
- 3. MAINTAIN MINIMUM 5'-6" OF COVER ABOVE TOP OF WATER SERVICE PIPE.
- 4. MAINTAIN MINIMUM 10 FEET HORIZONTAL SEPARATION BETWEEN WATER SERVICES AND SEWER UTILITIES. MAINTAIN MINIMUM 18 INCHES VERTICAL SEPARATION BETWEEN WATER SERVICES AND OTHER UTILITIES.
- 5. LOWER OR RAISE WATER SERVICES AS REQUIRED TO MAINTAIN MINIMUM 12 INCH VERTICAL SEPARATION FROM OTHER UTILITIES. WATER SERVICES CROSSING SEWERS SHALL BE PROVIDE 12 INCH MINIMUM SEPARATION BETWEEN THE BOTTOM OF WATER LINE AND TOP OF SEWER UNLESS NOTED OTHERWISE ON THE PLANS.
- 6. PIPE: SEWER PIPE SHALL BE SDR 35 PVC OR APPROVED EQUAL. • FORCEMAIN PIPE SHALL BE DR-11 HDPE OR APPROVED EQUAL.
- STORMDRAIN SHALL BE ADS N-12 DUAL WALL HDPE PIPE WITH SMOOTH-WALLED INTERIOR OR • APPROVED EQUAL UNLESS NOTED OTHERWISE ON THE UTILITY PLANS. WATER PIPE AND FITTINGS SHALL CONFORM TO PORTLAND WATER DISTRICT WATER PIPING SPECIFICATIONS. MAIN WATER SERVICE PIPE SHALL BE DUCTILE IRON, CLASS 52 PUSH-ON PIPE MEETING THE REQUIREMENTS OF AWWA/ANSI C-111/A21.11 (LATEST REVISION). PIPE SHALL BE CEMENT-LINED AWWA/ANSI C104/A21.4 WITH LINING TWICE THE THICKNESS SPECIFIED, AND COATED TWICE WITH A BITUMINOUS SEAL COATING. PROVIDE THRUST BLOCKS AT ALL WATER SERVICE BENDS.
- 7. COORDINATE FOUNDATION UNDERDRAIN LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- 8. COORDINATE GREASE INTERCEPTOR LOCATIONS WITH ARCHITECTURAL & PLUMBING DRAWINGS.
- 9. COORDINATE UTILITY INVERTS AT BUILDING WITH ARCHITECTURAL, STRUCTURAL AND PLUMBING DRAWINGS 10. COORDINATE LOCATION OF SEWER, WATER, GAS, FOUNDATION DRAINS AND ROOF DRAIN INVERTS AT
- THE BUILDING WITH ARCHITECTURAL DRAWINGS. 11. WATER SERVICE ENTRANCE DESIGNS TO INCLUDE METERS AND BACKFLOW PREVENTERS TO MEET
- ALL STANDARDS AND REQUIREMENTS OF THE PORTLAND WATER DISTRICT. 12. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY GRADE CHANGES THAT WILL IMPACT
- STORM DRAINAGE INFRASTRUCTURE OR OTHER UTILITIES. 13. UTILITIES WITHIN 5 FEET FROM FACE OF BUILDING ARE COORDINATED ON RELEVANT M.E.P. DRAWINGS. CONTRACTOR SHALL COORDINATE INVERTS, CONNECTIONS AND MATERIALS WITH ALL DRAWINGS.
- 14. CONTRACTOR SHALL FURNISH AND INSTALL TRENCHING, MATERIALS AND BACKFILL FOR ALL UTILITIES. ELECTRICAL AND TELECOM/DATA PROVIDERS WILL PULL PRIMARY SERVICE TO TRANSFORMER AND PANEL. CONTRACTOR RESPONSIBLE FOR TIMING AND COORDINATION WITH UTILITIES AND DRAWINGS. COORDINATE WITH ELECTRICAL DRAWINGS FOR CONDUIT SCHEDULE, TYPE AND SIZES.
- 15. COORDINATE ALL WATER RELATED WORK WITH PORTLAND WATER DISTRICT.
- 16. PUMP STATION: ROB MCSORLEY PE SEBAGO TECHNICS INC 207-200-2074
- 17. UTILITY CONTACTS: ELECTRIC:
- CENTRAL MAINE POWER (CMP) PAUL DUPERRE
- PAUL.DUPERRE@CMPCO.COM ACCOUNT #30011427637
- WORK ORDER #10300576056 WATER
- PORTLAND WATER DISTRICT T.B.D.
- CONSOLIDATED COMMUNICATION: PATRICK MORRISON PATRICK.MORRISON@CONSOLIDATED.COM (207)745-9363

- LANDSCAPE NOTES
- CONTRACTOR IS RESPONSIBLE FOR ALL PLANT MATERIAL INSTALLATION AS SHOWN ON PLANS. 2. SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF
- "U.S.A. STANDARD FOR NURSERY STOCK," BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. 3. ALL PLANT MATERIAL SHALL BE FREE FROM INSECTS AND DISEASE.
- 4. ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES. THIS IS TO INCLUDE PROPER PLANTING MIX, PLANT BED AND TREE PIT PREPARATION, PRUNING, STAKING OR GUYING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE UNTIL ACCEPTANCE BY THE OWNER.
- 5. PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR BY THE CONTRACTOR AND A PERIOD OF TWO YEARS THEREAFTER BY THE OWNER FROM DATE OF INSTALLATION. DURING THE ONE YEAR GUARANTEE PERIOD, DEAD PLANT MATERIAL SHALL BE REPLACED AT NO COST TO THE OWNER. AT THE END OF THE ONE YEAR PERIOD, THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
- 6. ALL GRASS, OTHER VEGETATION AND DEBRIS SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO PLANTING. EXISTING TREES TO BE PRESERVED WILL BE PROTECTED DURING CONSTRUCTION AND SHALL BE
- THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- 8. THE LANDSCAPE CONTRACTOR IS ADVISED OF THE PRESENCE OF THE UNDERGROUND UTILITIES AND SHALL VERIFY THE EXISTENCE AND LOCATION OF SAME BEFORE COMMENCING AND DIGGING OPERATIONS. THE LANDSCAPE CONTRACTOR SHALL REPLACE OR REPAIR UTILITIES, PAVING, WALKS, CURBING, ETC. DAMAGED IN PERFORMANCE OF THIS JOB AT NO ADDITIONAL COST TO THE OWNER
- 9. ALL SHRUB BEDS SHALL BE MULCHED WITH 3" CLEAN SHREDDED DARK AGED BROWN BARK MULCH. 10. THE CONTRACTOR SHALL PROVIDE 4" LOAM FOR ALL AREAS TO BE SODDED OR SEEDED. PLANTING AREAS SHALL RECEIVE 12" ROLLED THICKNESS OF LOAM. THE LANDSCAPE CONTRACTOR SHALL COORDINATE SUBGRADE PREPARATION WITH THE GENERAL CONTRACTOR PRIOR TO PLACING
- 11. ANY DEVIATION FROM THE LANDSCAPE PLAN, INCLUDING PLANT LOCATION, SELECTION, SIZE, QUANTITY OR CONDITION SHALL BE REVIEWED AND APPROVED BY THE OWNER AND LANDSCAPE ARCHITECT (AND MUNICIPAL AUTHORITY, IF APPLICABLE) PRIOR TO INSTALLATION ON SITE.
- 12. WHERE INDICATED ON PLAN, PLANTING SOIL MIXTURE FOR PERENNIAL AND ANNUAL FLOWER BED AREAS SHALL CONSIST OF FOUR PARTS TOPSOIL, TWO PARTS SPHAGNUM PEAT MOSS, AND ONE PART HORTICULTURAL PERLITE BY VOLUME. PEAT MOSS MAY BE SUBSTITUTED WITH WELL-ROTTED OR DEHYDRATED MANURE OR COMPOST. ROTOTILL BEDS TO A DEPTH OF 8 INCHES.

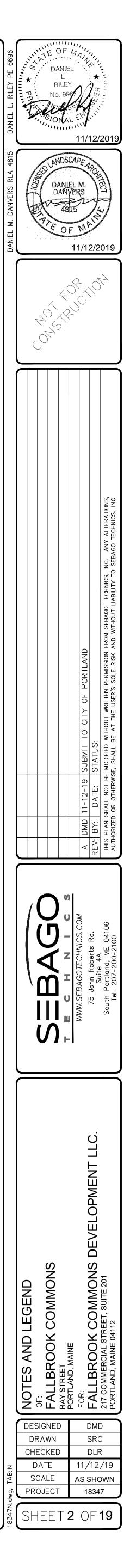
## **GRADING & EROSION NOTES**

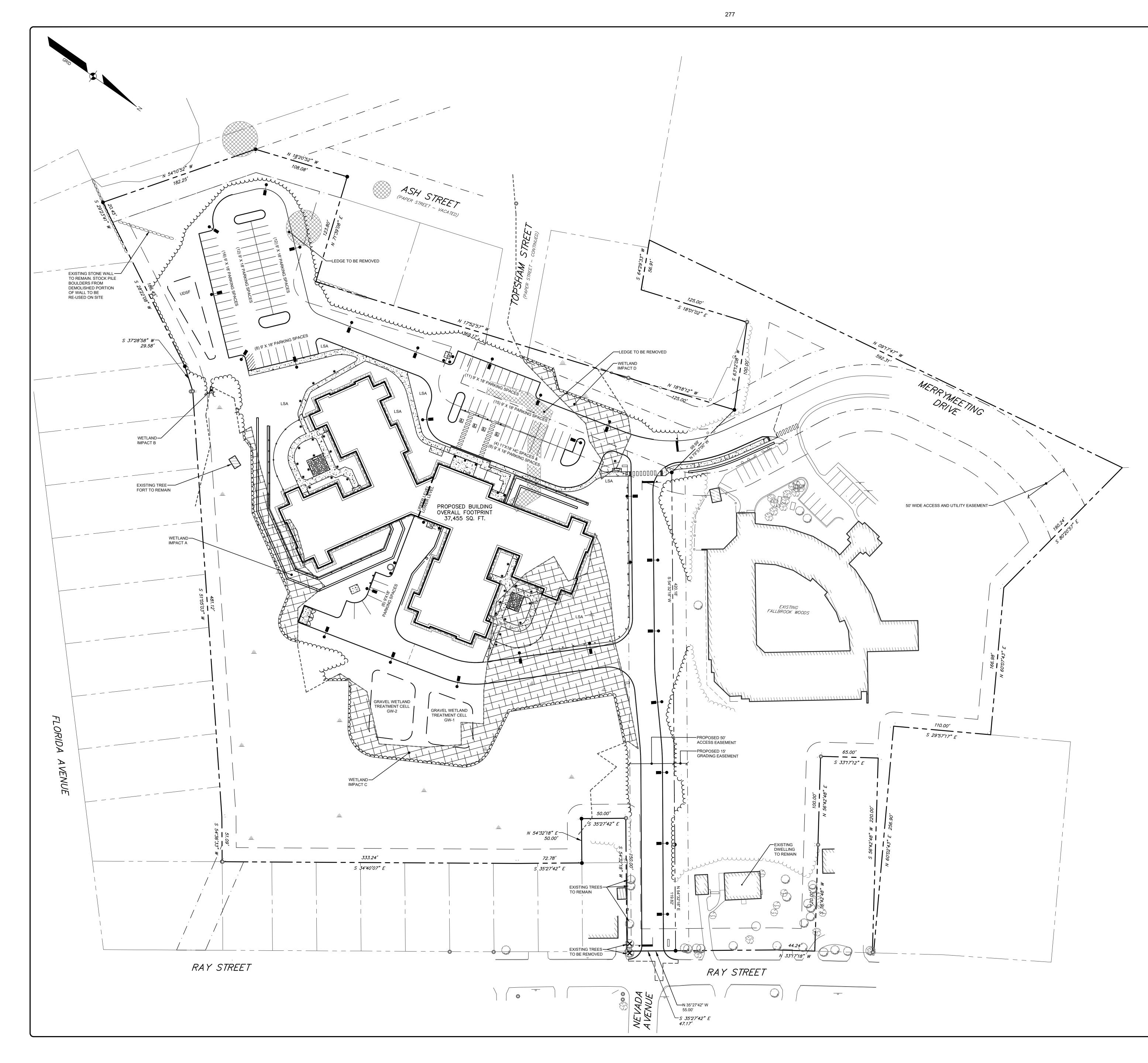
- 1. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH MAINE EROSION AND SEDIMENT CONTROL BMPS" MANUAL PUBLISHED BY BUREAU OF LAND AND WATER QUALITY MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OCTOBER 2016 OR LATEST EDITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POSSESS A COPY OF THE EROSION CONTROL PLAN AT ALL TIMES.
- 2. ALL AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE LOAM AND SEED PER DETAIL.
- 3. SEE GRADING AND UTILITY DRAWINGS FOR PIPE AND STRUCTURE DATA TABLES.

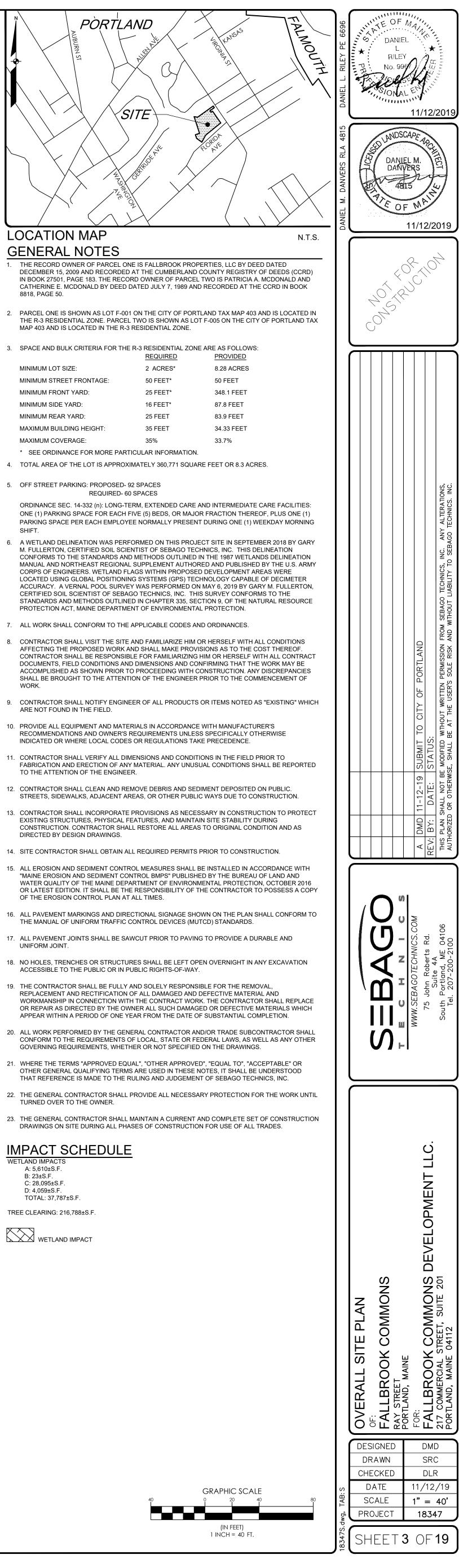
### CONSTRUCTION PLAN

- 1. PROVIDE EROSION CONTROL MEASURES PRIOR TO SITE DISTURBANCE. 2. WETLANDS, ASSOCIATED SETBACKS AND STREAM SETBACKS TO BE STAKED BY OWNER PRIOR TO SITE DISTURBANCE.
- 3. GRADING AND CLEARING LIMITS SHALL NOT ENCROACH ON ADJACENT PROPERTIES UNLESS NOTED OTHERWISE ON THE PLANS.
- 4. OPEN AREAS SHALL BE LIMITED TO AREAS BEING WORKED IN. THE AREA STRIPPED OF EXISTING VEGETATION AT ANY GIVEN TIME SHALL BE MINIMIZED AND BE PHASED WHERE PRACTICAL SO THAT AREAS ARE REVEGETATED AND PERMANENTLY STABILIZED BEFORE ADDITIONAL AREAS ARE STRIPPED OF EXISTING VEGETATION. CONSTRUCTION BY USE OF RIPRAP, SEED, MULCH, OR OTHER GROUND COVER WITHIN ONE WEEK FROM THE TIME IT WAS ACTIVELY WORKED. SURFACES SHALL BE STABILIZED PRIOR TO DIRECTING STORMWATER RUNOFF TOWARD STORMWATER BMPS. PLEASE REFER TO DRAINAGE PLANS FOR WATERSHED AREAS.

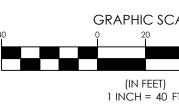
## PLANT QUANTITIES SHOWN ON PLANS ARE FOR CONVENIENCE TO THE CONTRACTOR ONLY. THE



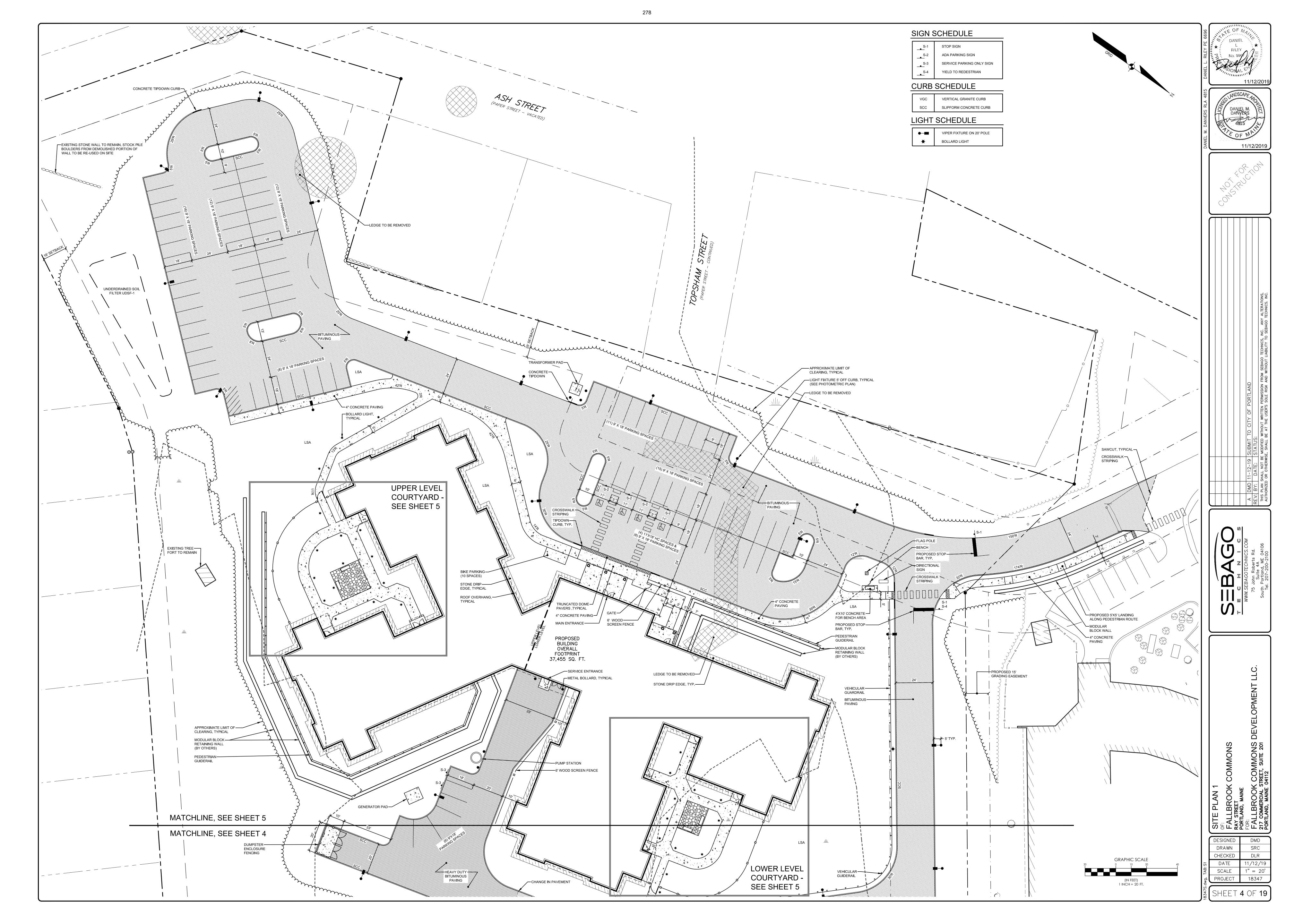


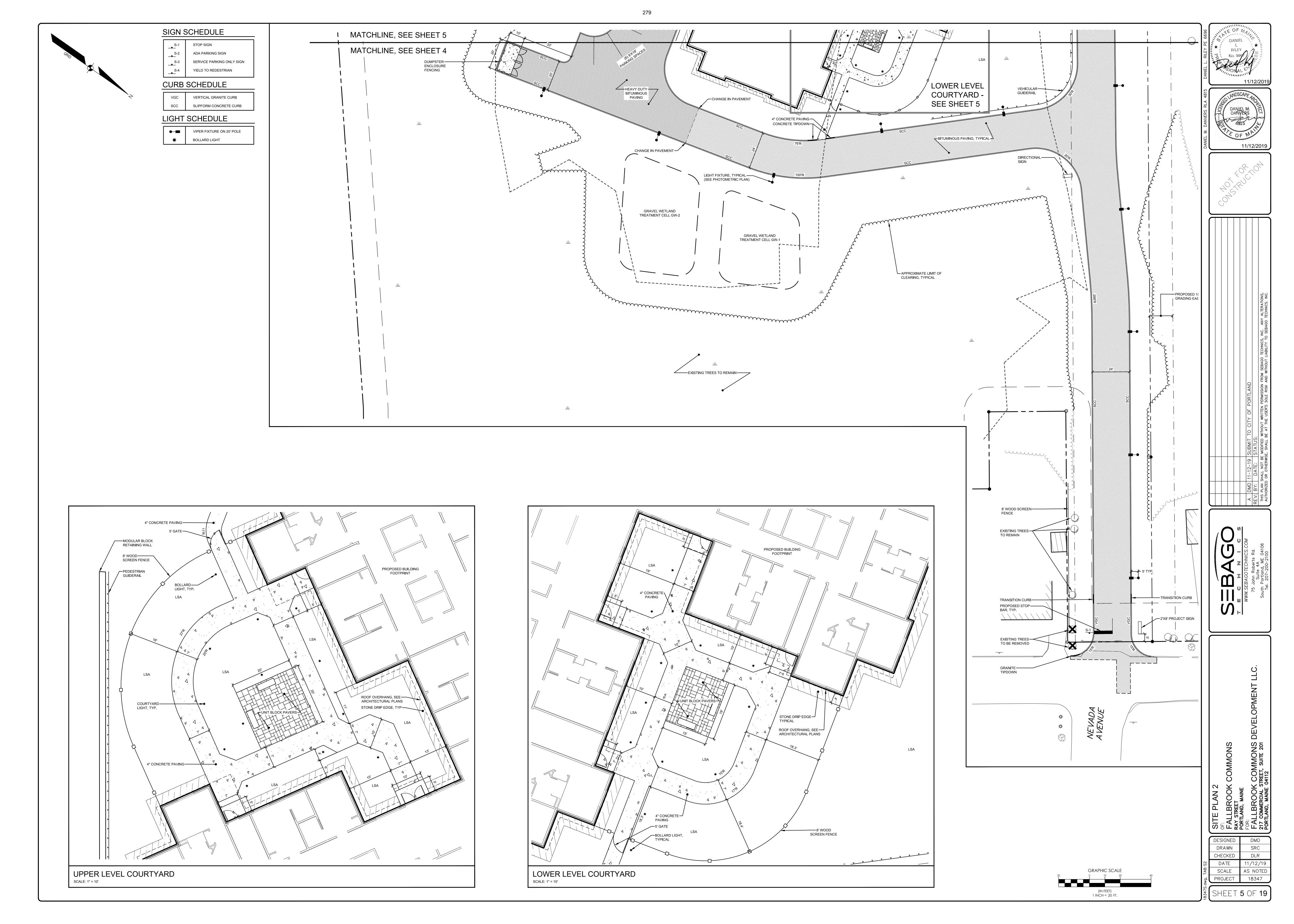


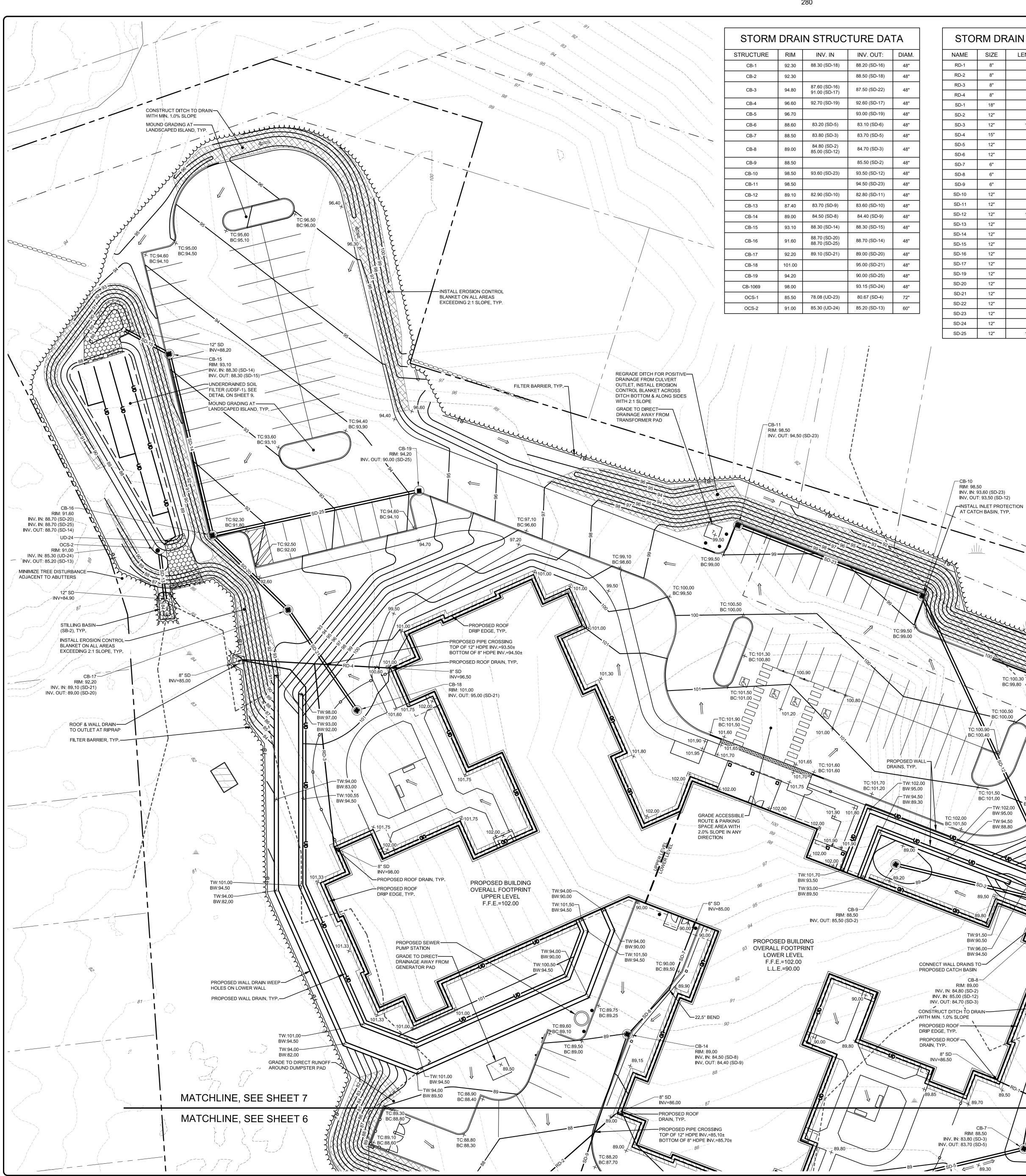
SPACE AND BULK CRITERIA FOR THE R-3	RESIDENTIAL ZONE AR REQUIRED	E AS FOLLOWS PROVIDED
MINIMUM LOT SIZE:	2 ACRES*	8.28 ACRES
MINIMUM STREET FRONTAGE:	50 FEET*	50 FEET
MINIMUM FRONT YARD:	25 FEET*	348.1 FEET
MINIMUM SIDE YARD:	16 FEET*	87.8 FEET
MINIMUM REAR YARD:	25 FEET	83.9 FEET
MAXIMUM BUILDING HEIGHT:	35 FEET	34.33 FEET
MAXIMUM COVERAGE:	35%	33.7%



LE 40	80







280

ORM DRAIN PIPE DATA					
SIZE	LENGTH	SLOPE			
8"	18'	13.89%			
8"	80'	3.73%			
8"	90'	7.19%			
8"	73'	15.75%			
18"	48'	4.19%			
12"	83'	0.85%			
12"	117'	0.77%			
15"	28'	0.60%			
12"	70'	0.71%			
12"	72'	0.84%			
6"	35'	0.85%			
6"	28'	0.72%			
6"	91'	0.77%			
12"	89'	0.78%			
12"	30'	1.00%			
12"	164'	5.17%			
12"	23'	1.33%			
12"	88'	0.46%			
12"	23'	0.44%			
12"	63'	0.96%			
12"	75'	2.15%			
12"	19'	1.59%			
12"	48'	0.62%			
12"	56'	10.56%			
12"	31'	6.44%			
12"	93'	0.97%			
12"	3'	3.39%			
12"	100'	1.30%			

TC:100.50

BC:100.00

TC:100.90-

/ TC:101.50

BC:101.00

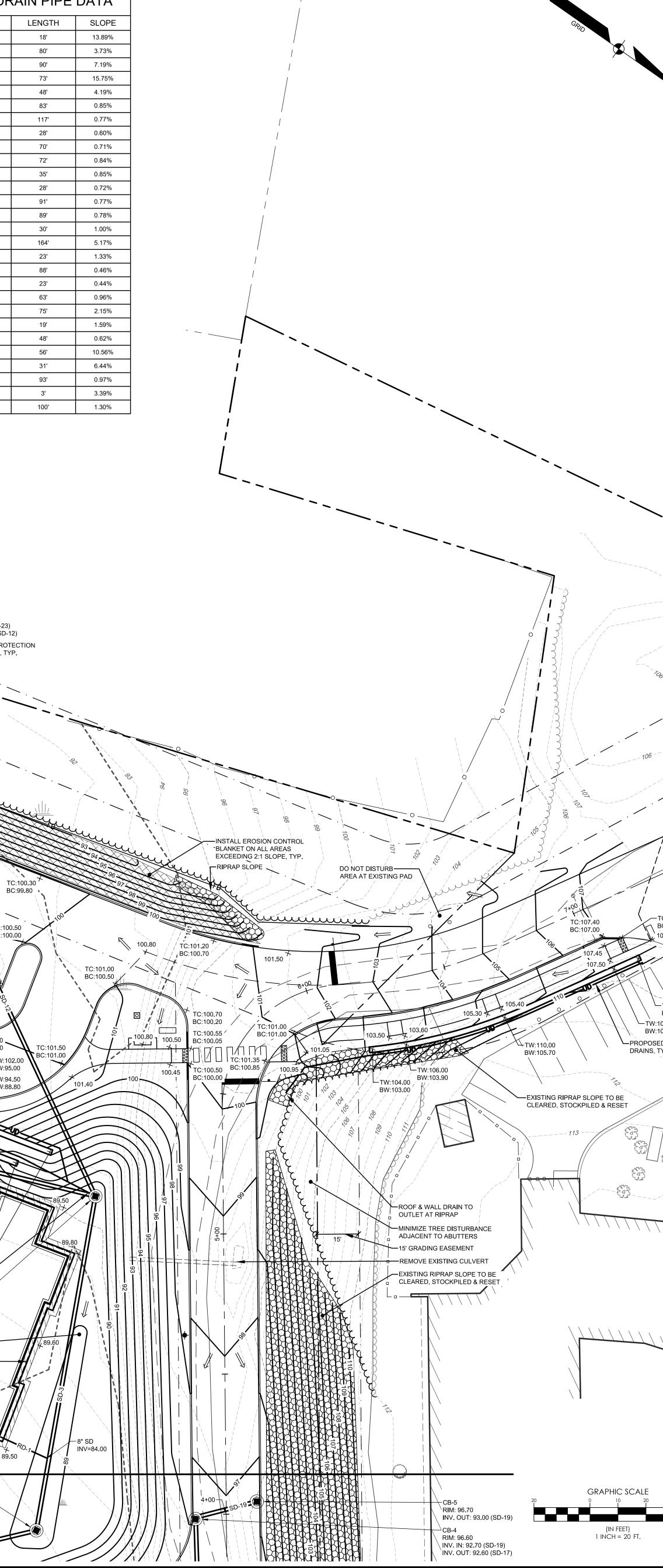
—TW:102.00 BW:95.00

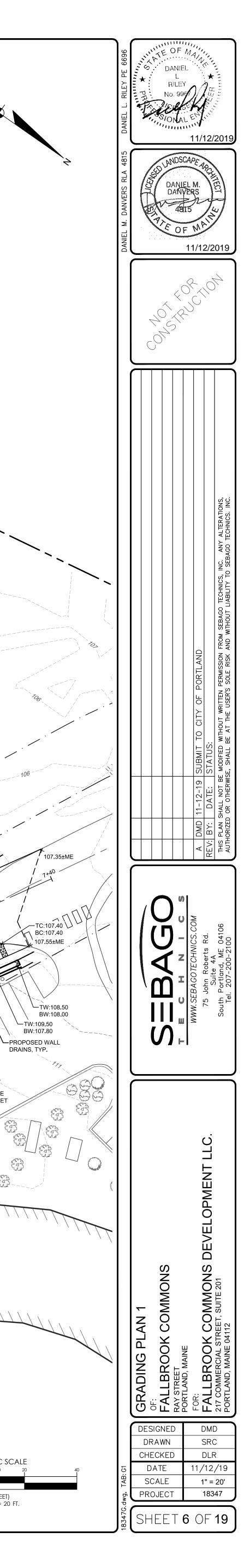
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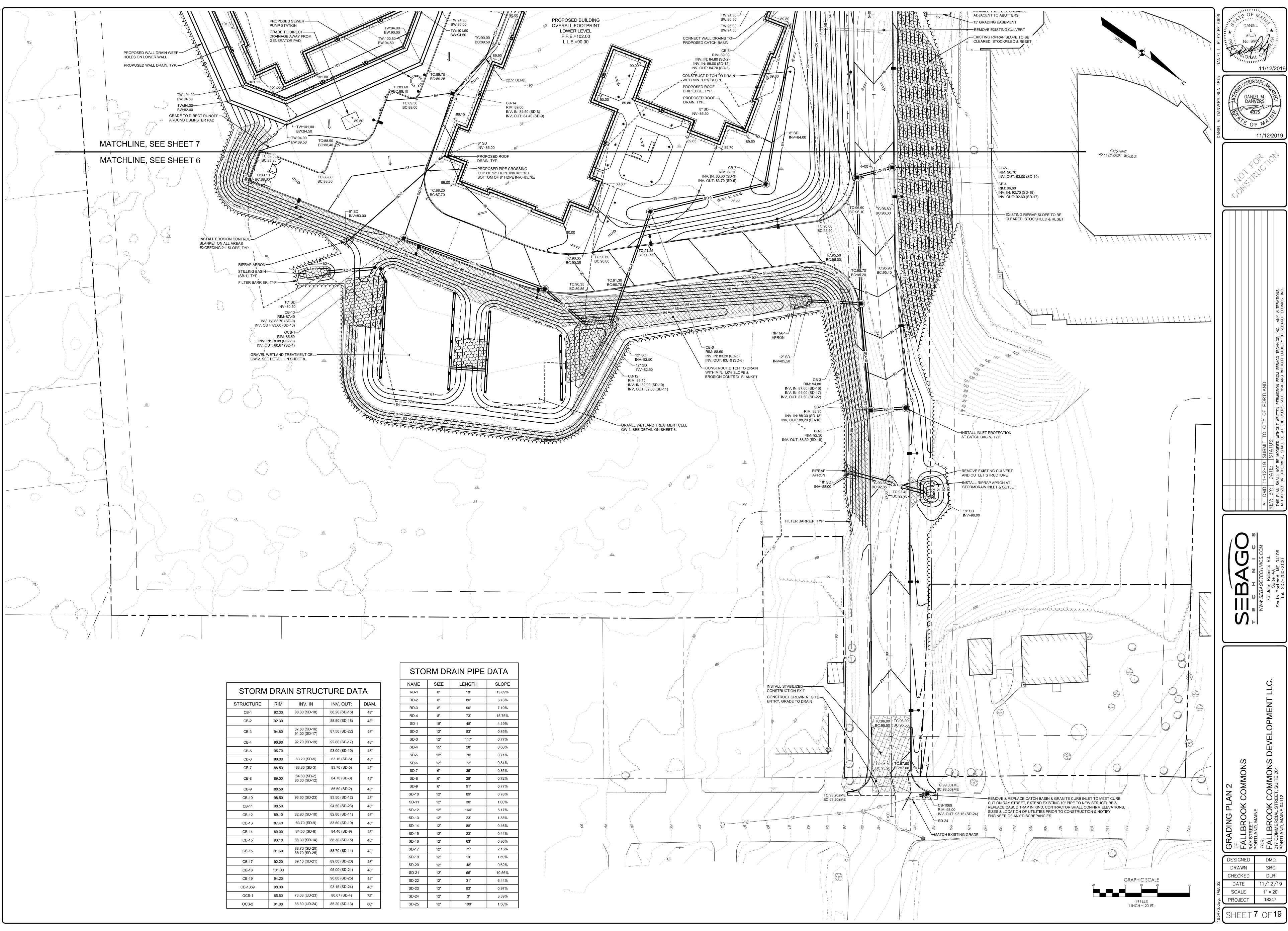
BW:88.80

89.50

СВ-7 —



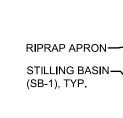


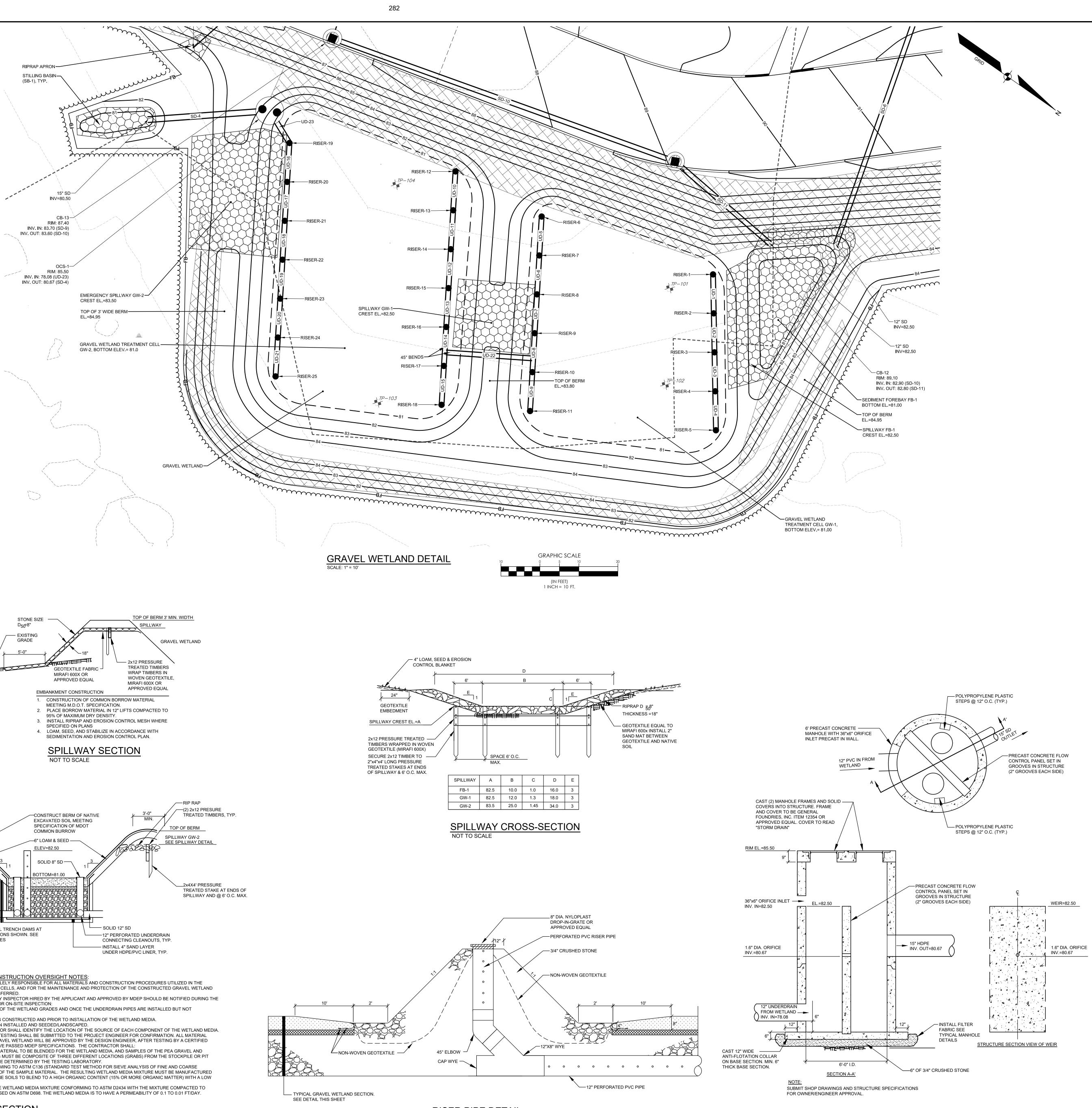


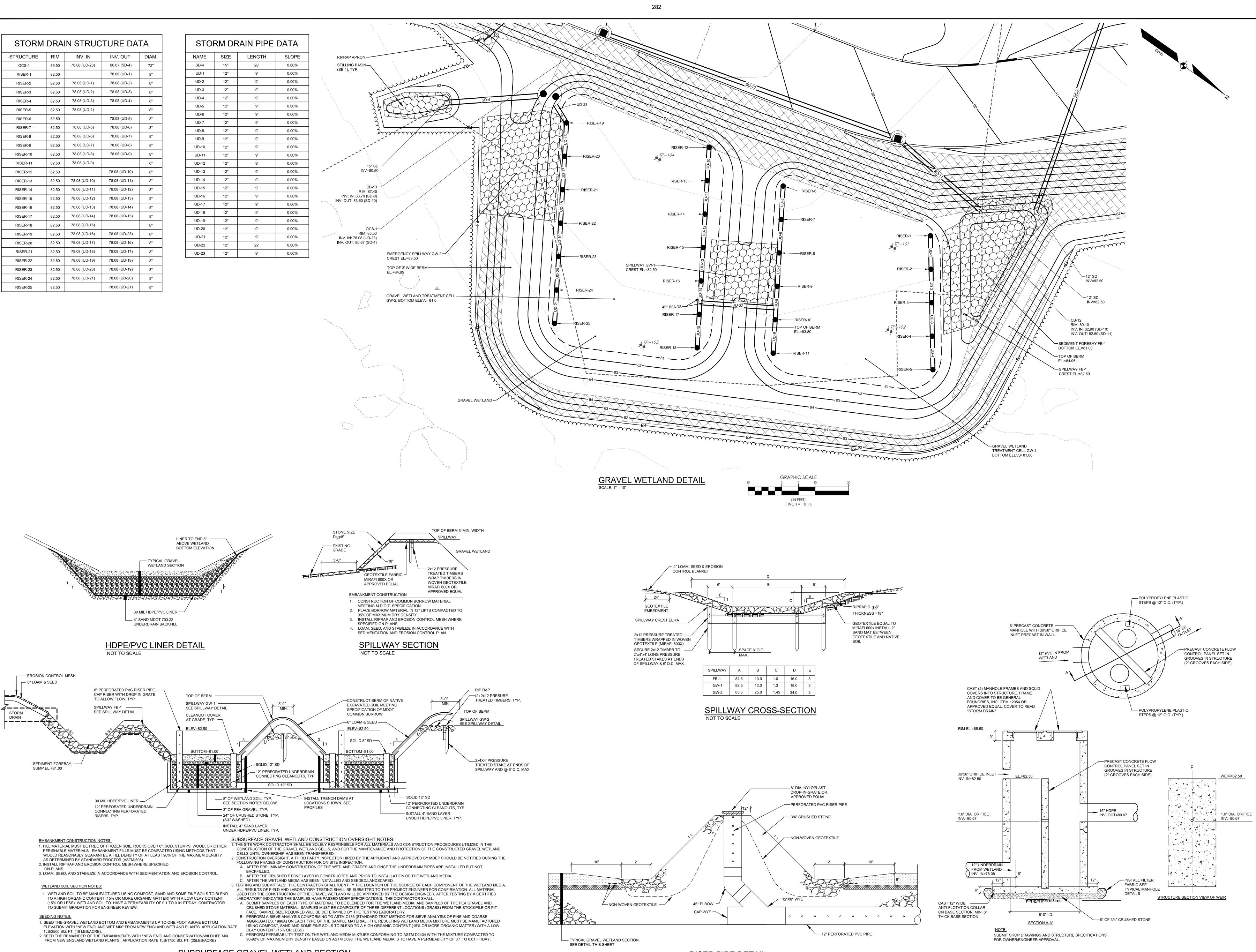
STODM					
STORM DRAIN STRUCTURE D					
STRUCTURE	RIM	INV. IN	INV. OUT:		
CB-1	92.30	88.30 (SD-18)	88.20 (SD-16)		
CB-2	92.30		88.50 (SD-18)		
CB-3	94.80	87.60 (SD-16) 91.00 (SD-17)	87.50 (SD-22)		
CB-4	96.60	92.70 (SD-19)	92.60 (SD-17)		
CB-5	96.70		93.00 (SD-19)		
CB-6	88.60	83.20 (SD-5)	83.10 (SD-6)		
CB-7	88.50	83.80 (SD-3)	83.70 (SD-5)		
CB-8	89.00	84.80 (SD-2) 85.00 (SD-12)	84.70 (SD-3)		
CB-9	88.50		85.50 (SD-2)		
CB-10	98.50	93.60 (SD-23)	93.50 (SD-12)		
CB-11	98.50		94.50 (SD-23)		
CB-12	89.10	82.90 (SD-10)	82.80 (SD-11)		
CB-13	87.40	83.70 (SD-9)	83.60 (SD-10)		
CB-14	89.00	84.50 (SD-8)	84.40 (SD-9)		
CB-15	93.10	88.30 (SD-14)	88.30 (SD-15)		
CB-16	91.60	88.70 (SD-20) 88.70 (SD-25)	88.70 (SD-14)		
CB-17	92.20	89.10 (SD-21)	89.00 (SD-20)		
CB-18	101.00		95.00 (SD-21)		
CB-19	94.20		90.00 (SD-25)		
CB-1069	98.00		93.15 (SD-24)		
OCS-1	85.50	78.08 (UD-23)	80.67 (SD-4)		
OCS-2	91.00	85.30 (UD-24)	85.20 (SD-13)		

STORM	DRA	IN STRUC	TURE DA	ТА
STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
OCS-1	85.50	78.08 (UD-23)	80.67 (SD-4)	72"
RISER-1	82.50		78.08 (UD-1)	8"
RISER-2	82.50	78.08 (UD-1)	78.08 (UD-2)	8"
RISER-3	82.50	78.08 (UD-2)	78.08 (UD-3)	8"
RISER-4	82.50	78.08 (UD-3)	78.08 (UD-4)	8"
RISER-5	82.50	78.08 (UD-4)		8"
RISER-6	82.50		78.08 (UD-5)	8"
RISER-7	82.50	78.08 (UD-5)	78.08 (UD-6)	8"
RISER-8	82.50	78.08 (UD-6)	78.08 (UD-7)	8"
RISER-9	82.50	78.08 (UD-7)	78.08 (UD-8)	8"
RISER-10	82.50	78.08 (UD-8)	78.08 (UD-9)	8"
RISER-11	82.50	78.08 (UD-9)		8"
RISER-12	82.50		78.08 (UD-10)	8"
RISER-13	82.50	78.08 (UD-10)	78.08 (UD-11)	8"
RISER-14	82.50	78.08 (UD-11)	78.08 (UD-12)	8"
RISER-15	82.50	78.08 (UD-12)	78.08 (UD-13)	8"
RISER-16	82.50	78.08 (UD-13)	78.08 (UD-14)	8"
RISER-17	82.50	78.08 (UD-14)	78.08 (UD-15)	8"
RISER-18	82.50	78.08 (UD-15)		8"
RISER-19	82.50	78.08 (UD-16)	78.08 (UD-23)	8"
RISER-20	82.50	78.08 (UD-17)	78.08 (UD-16)	8"
RISER-21	82.50	78.08 (UD-18)	78.08 (UD-17)	8"
RISER-22	82.50	78.08 (UD-19)	78.08 (UD-18)	8"
RISER-23	82.50	78.08 (UD-20)	78.08 (UD-19)	8"
RISER-24	82.50	78.08 (UD-21)	78.08 (UD-20)	8"
RISER-25	82.50		78.08 (UD-21)	8"

STORM DRAIN PIPE DATA			
NAME	SIZE	LENGTH	SLOPE
SD-4	15"	28'	0.60%
UD-1	12"	9'	0.00%
UD-2	12"	9'	0.00%
UD-3	12"	9'	0.00%
UD-4	12"	9'	0.00%
UD-5	12"	9'	0.00%
UD-6	12"	9'	0.00%
UD-7	12"	9'	0.00%
UD-8	12"	9'	0.00%
UD-9	12"	9'	0.00%
UD-10	12"	9'	0.00%
UD-11	12"	9'	0.00%
UD-12	12"	9'	0.00%
UD-13	12"	9'	0.00%
UD-14	12"	9'	0.00%
UD-15	12"	9'	0.00%
UD-16	12"	9'	0.00%
UD-17	12"	9'	0.00%
UD-18	12"	9'	0.00%
UD-19	12"	9'	0.00%
UD-20	12"	9'	0.00%
UD-21	12"	9'	0.00%
UD-22	12"	22'	0.00%
UD-23	12"	9'	0.00%

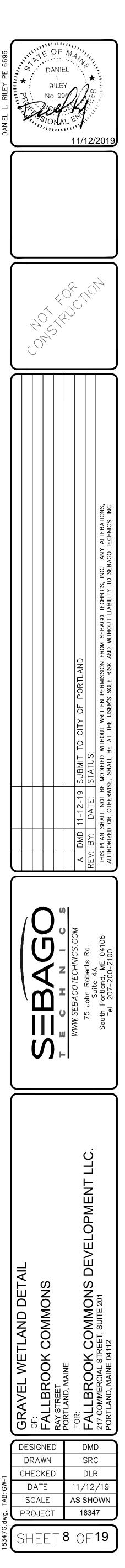


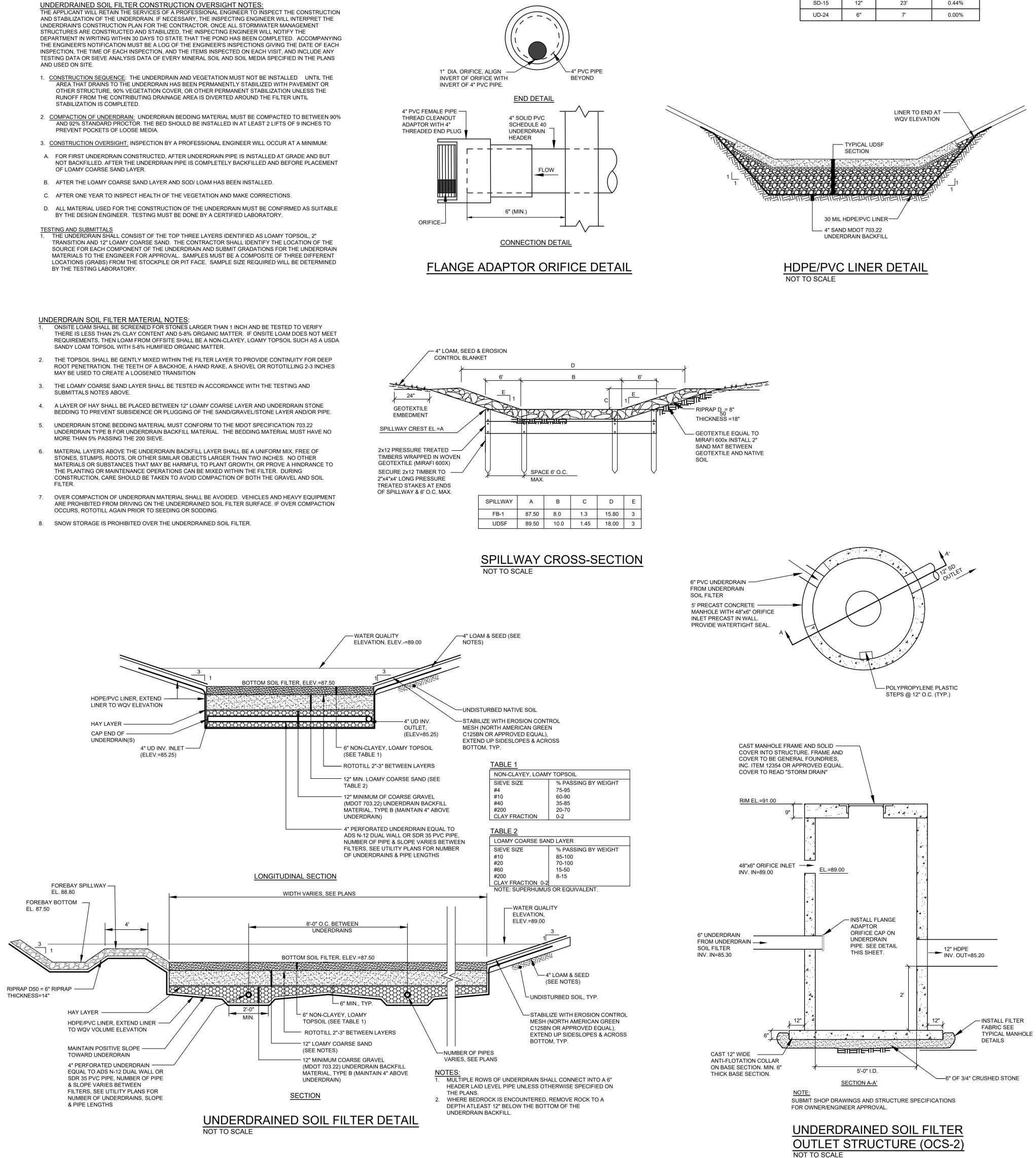


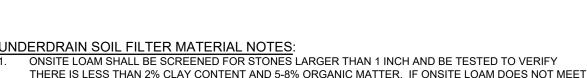


SUBSURFACE GRAVEL WETLAND SECTION

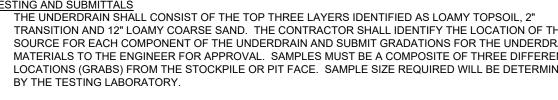
**RISER PIPE DETAIL** NOT TO SCALE

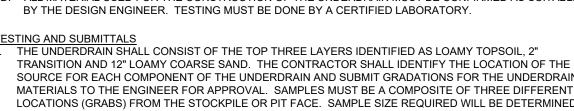


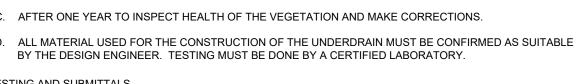


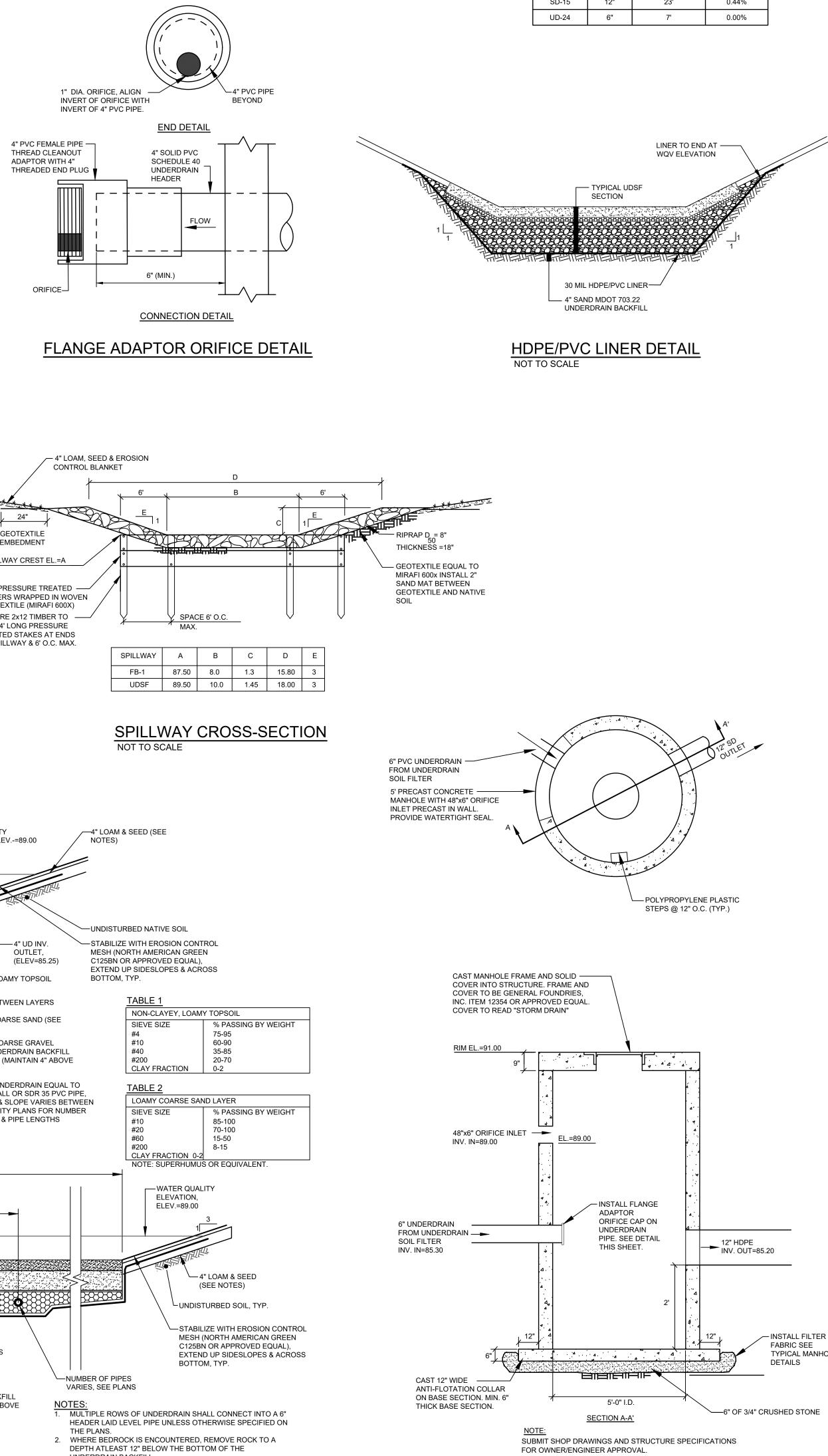


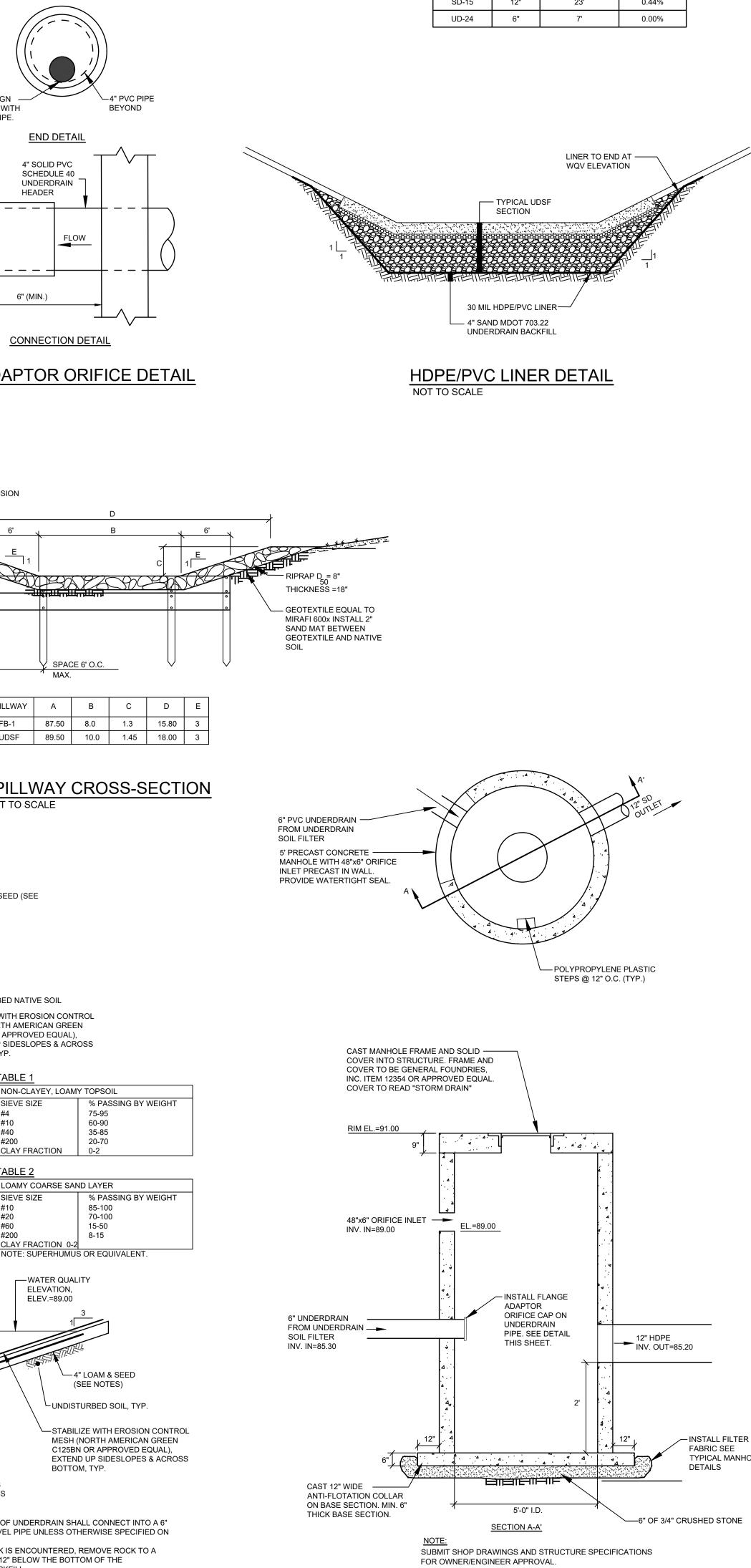


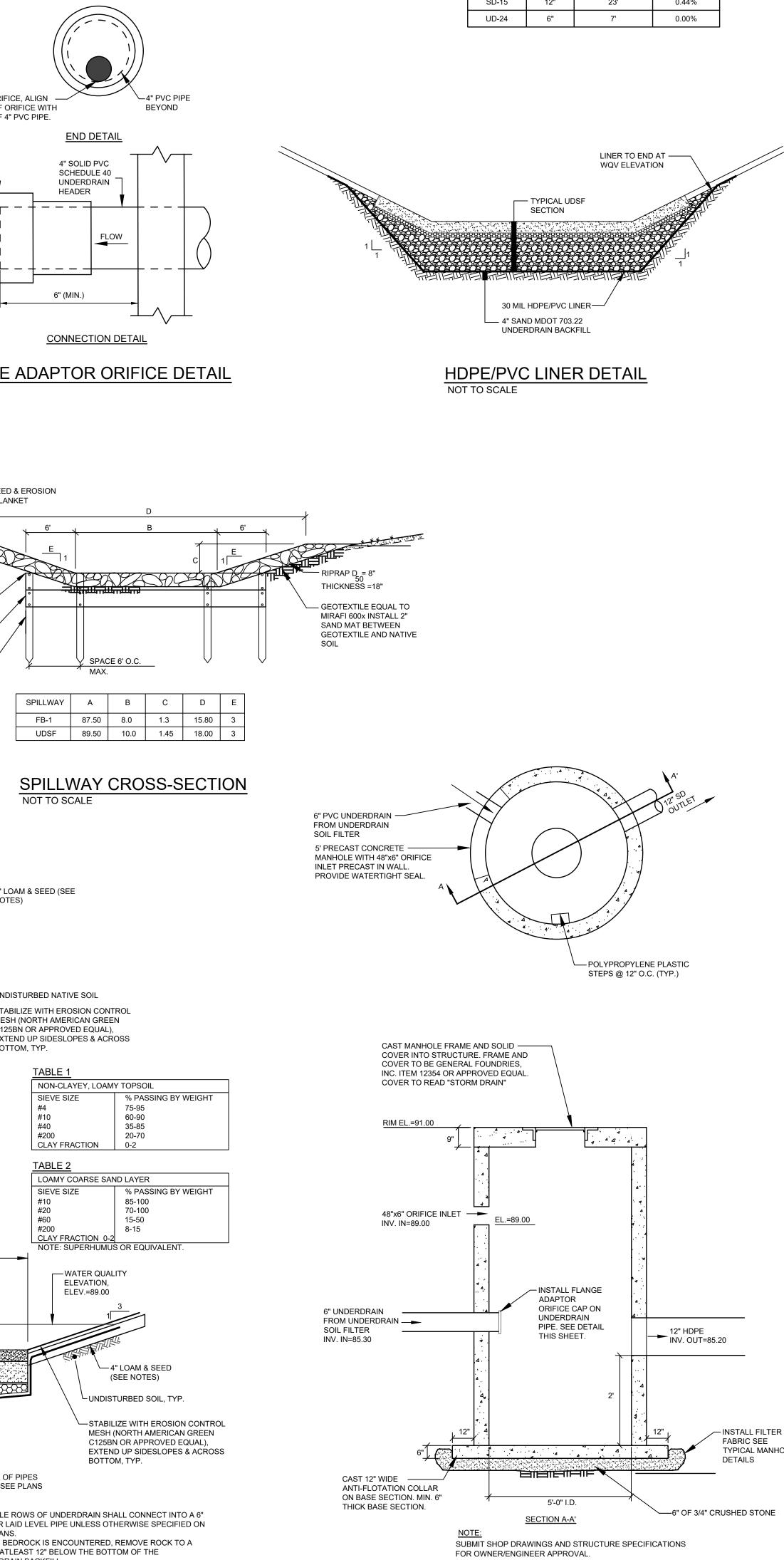


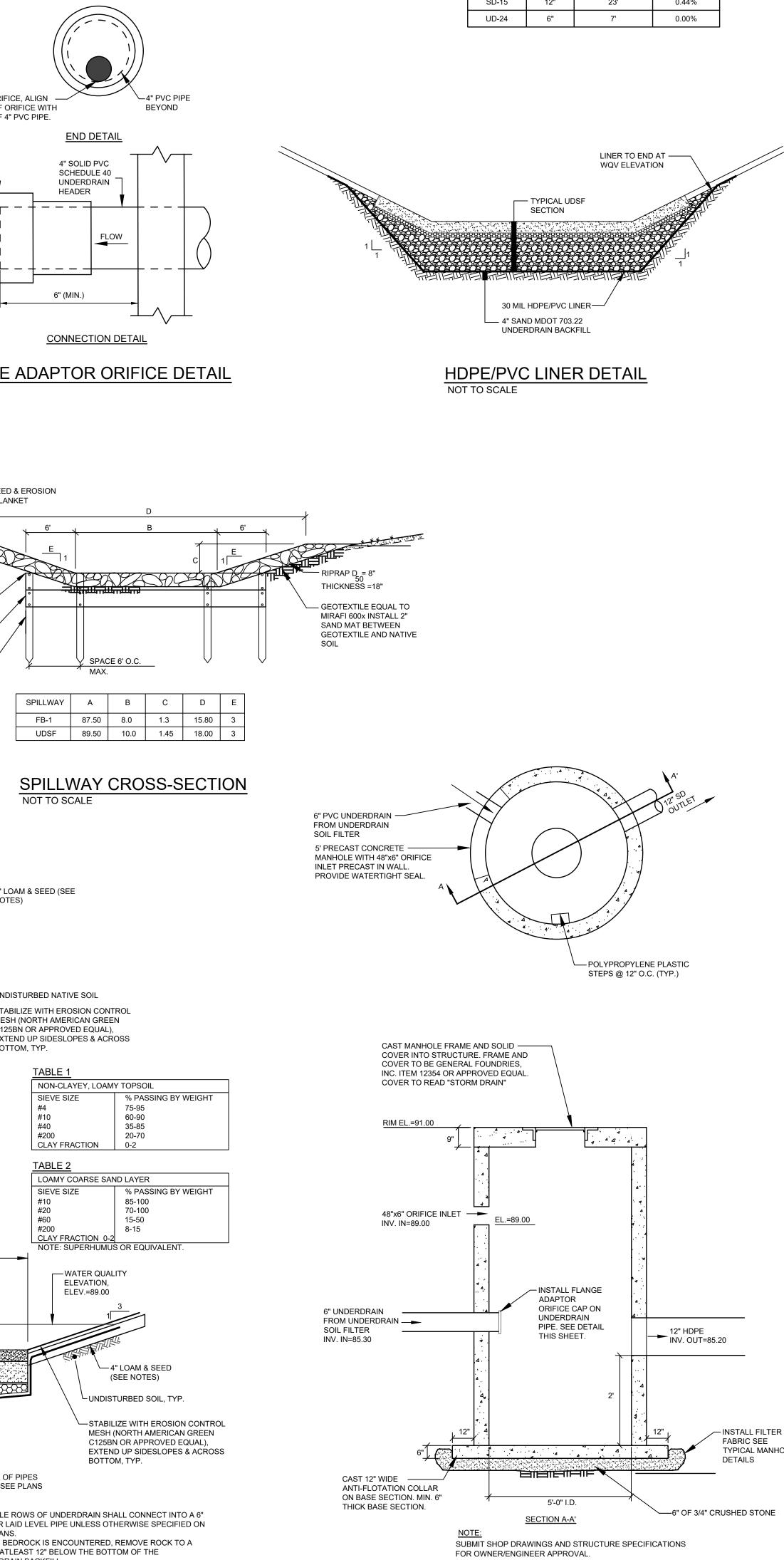


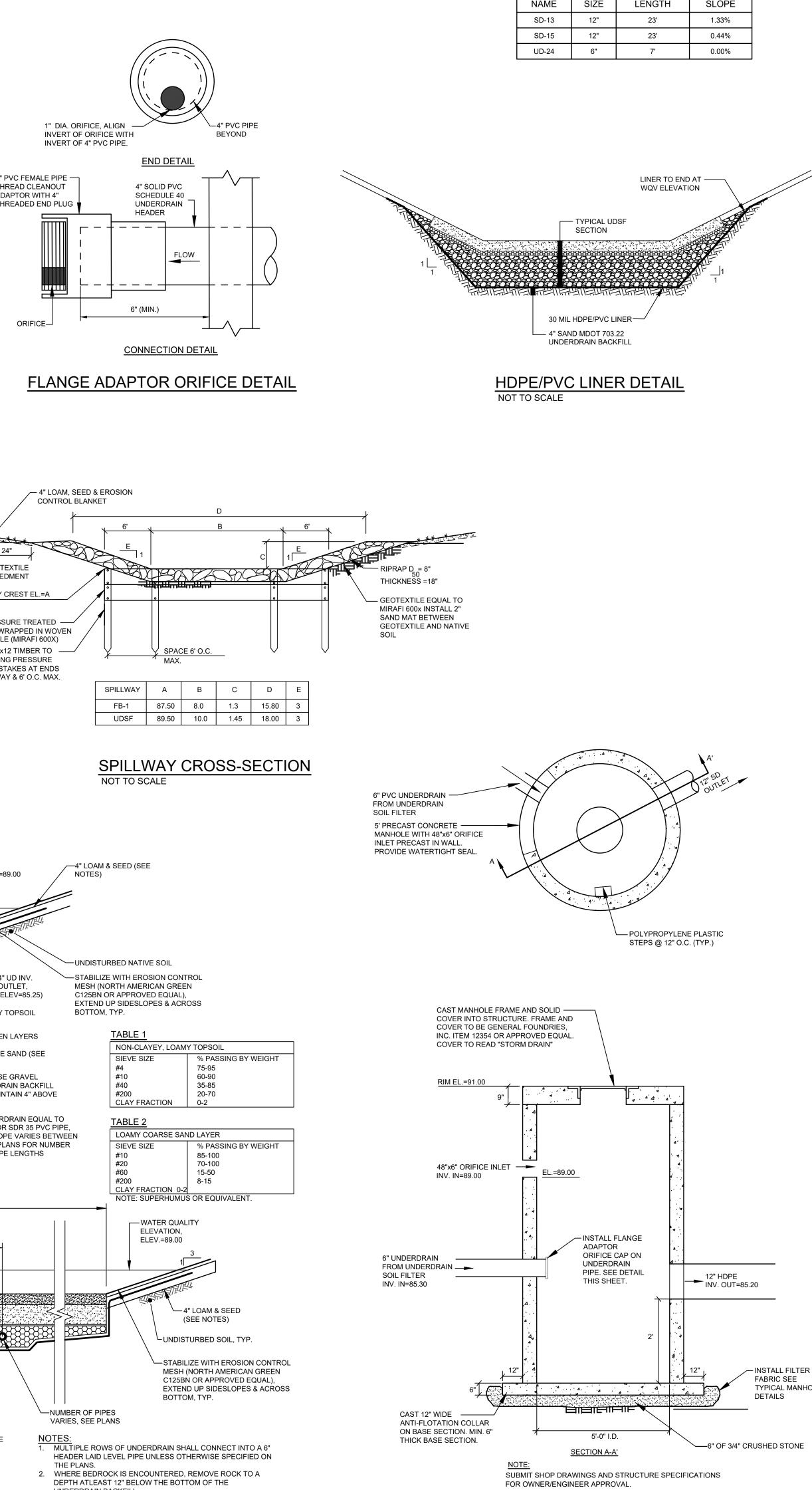






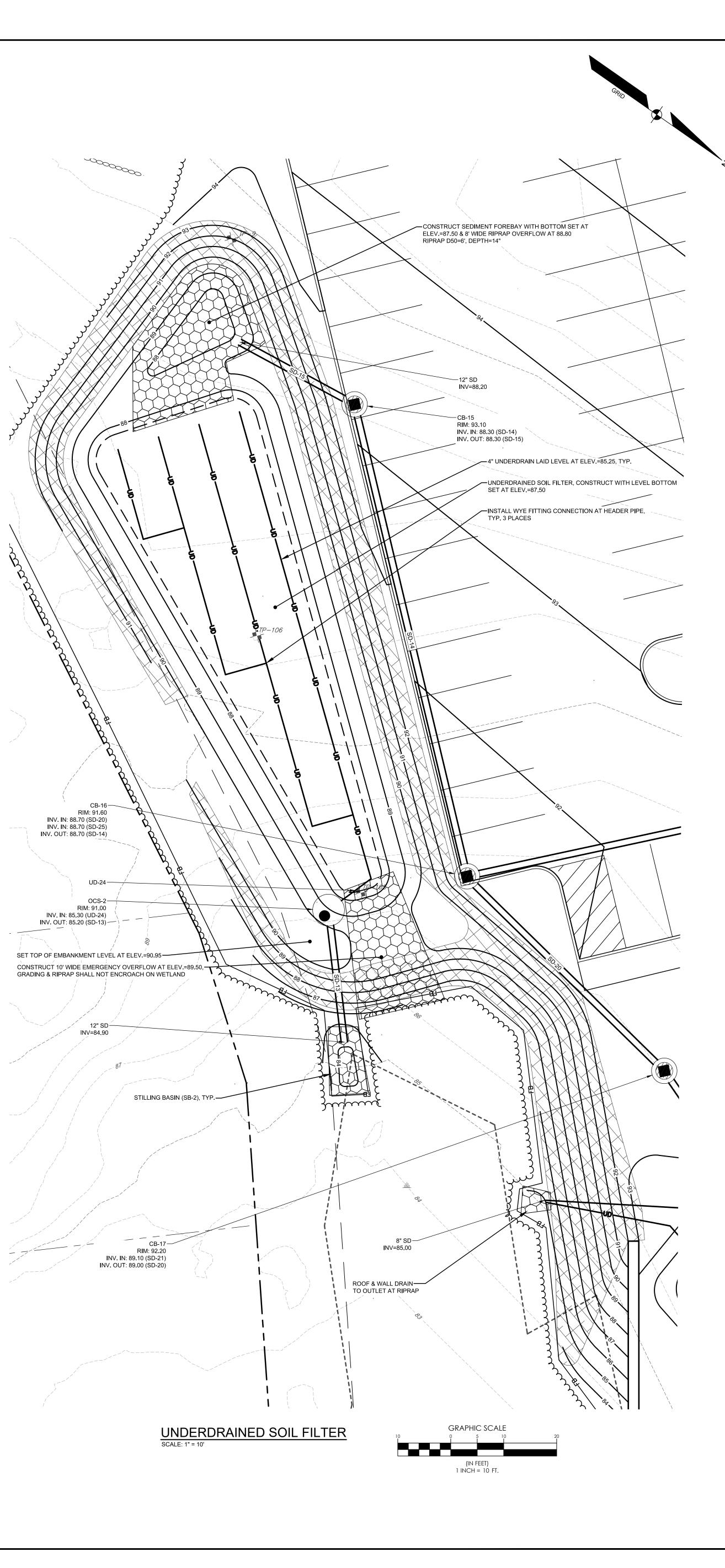


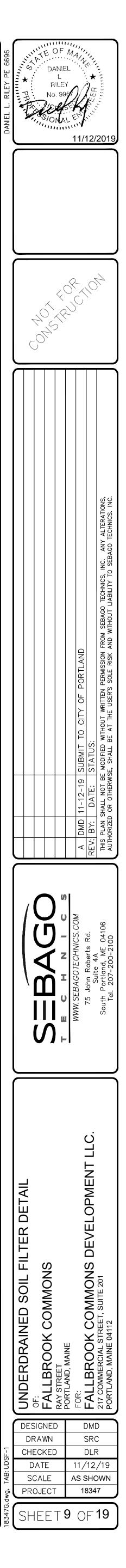


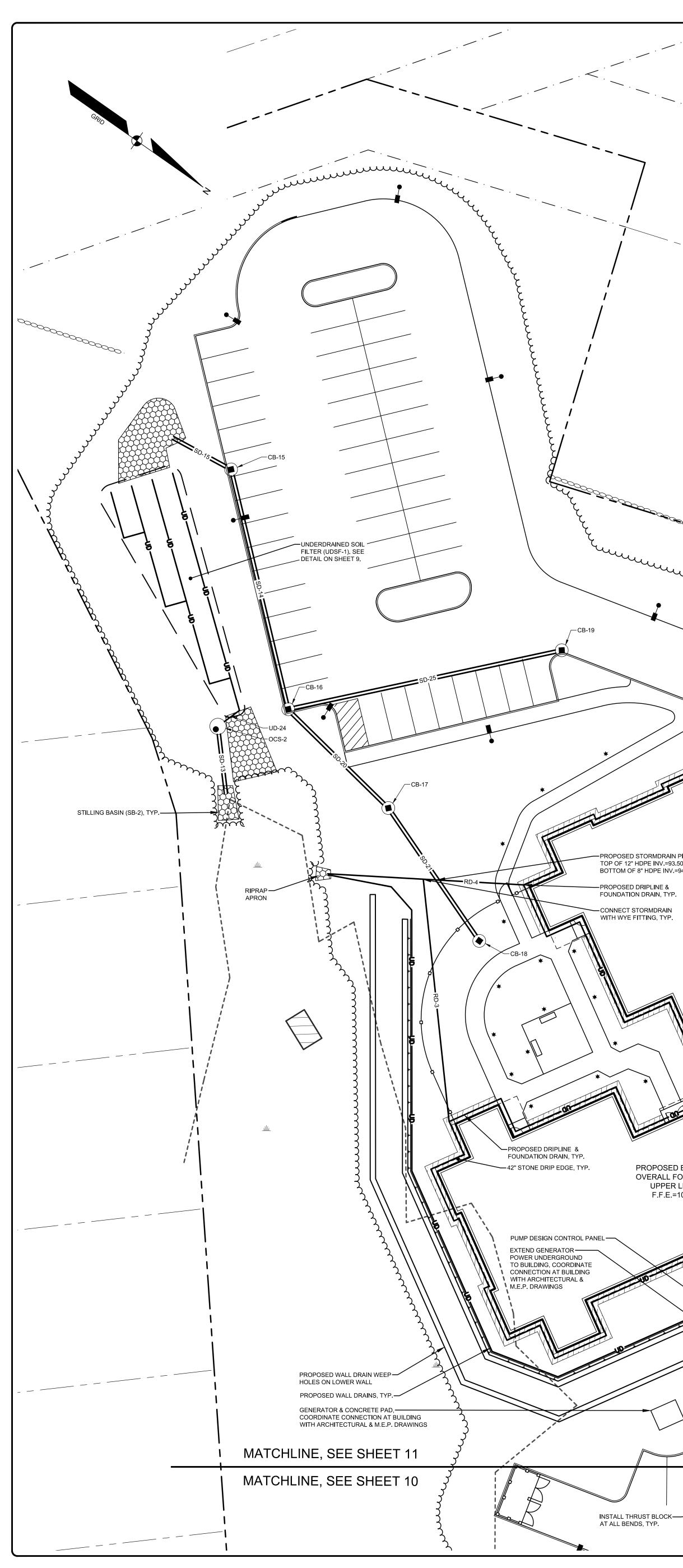


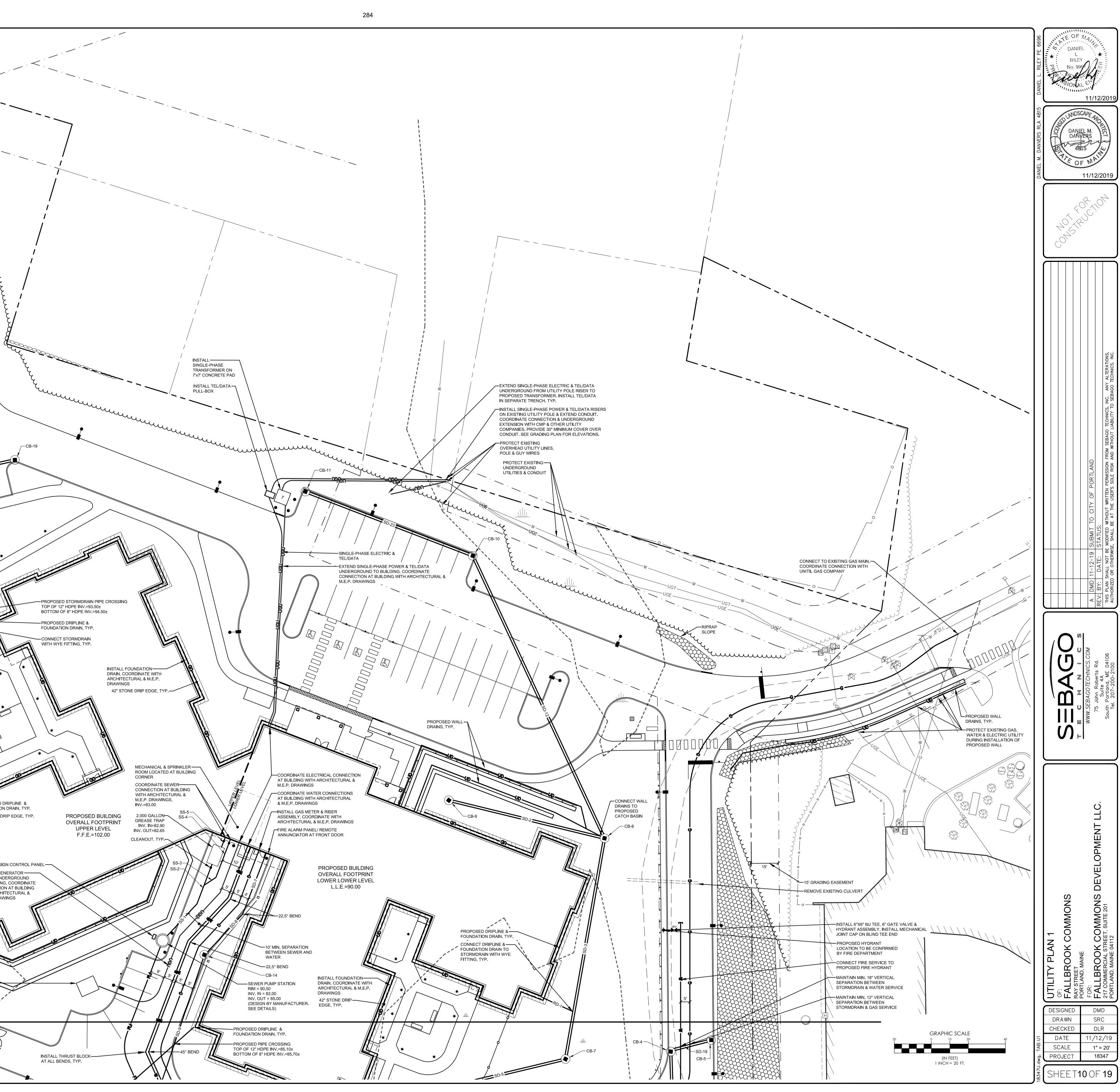
STORM DRAIN STRUCTURE DATA				
STRUCTURE	RIM	INV. IN	INV. OUT:	DIAM.
CB-15	93.10	88.30 (SD-14)	88.30 (SD-15)	48"
OCS-2 91.00 85.30 (UD-24) 85.20 (SD-13) 60"				

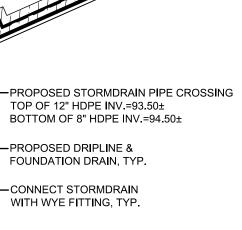
STORM DRAIN PIPE DATA			
NAME	SIZE	LENGTH	SLOPE
SD-13	12"	23'	1.33%
SD-15	12"	23'	0.44%
UD-24	6"	7'	0.00%

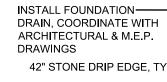


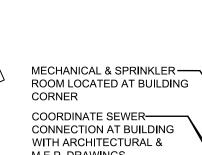








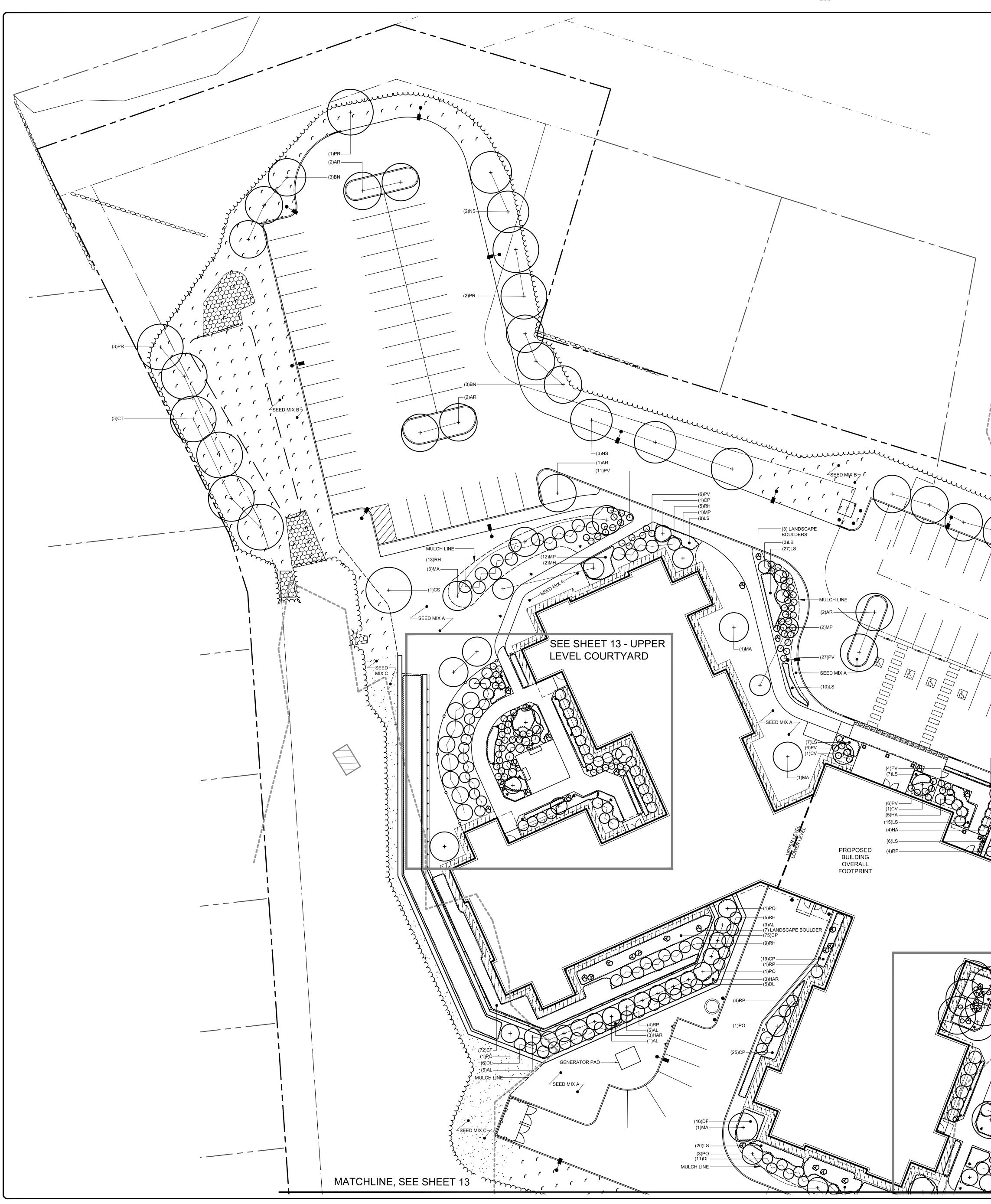








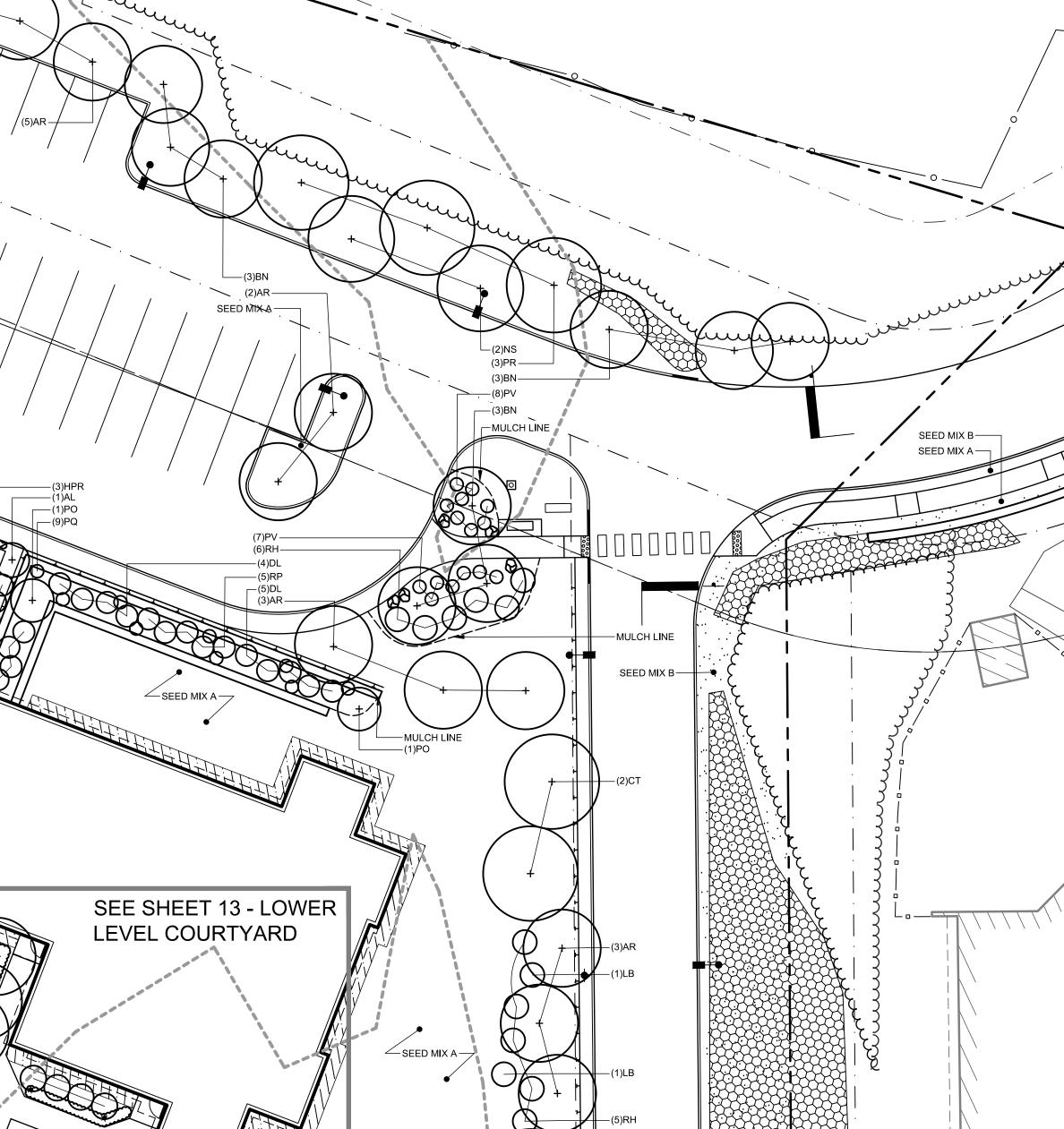




FALLBROOK COMMONS
PLANT SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME
AR	ACER RUBRUM 'NORTHWOOD'	NORTHWOOD RED MAPLE
CS	CATALPA SPECIOSA	CATALPA
NS	NYSSA SYLVATICA	BLACK TUPELO
MA	MAGNOLIA ACUMINATA 'DAY BREAK'	DAYBREAK CUCUMBER MAGNOLIA
MP	MALUS 'PURPLE PRINCE'	PURPLE PRINCE CHERRY
BN	BETULA NIGRA	RIVERBIRCH
PR	PINUS RESINOSA	RED PINE
СТ	CHAMAECYPARIS THYOIDES 'GLAUCA'	WHITE CEDAR
BP	BETULA PAPYRIFERA 'RENAISSANCE REFLECTON'	PAPER BIRCH
CV	CHIONANTHUS VIRGINICUS	FRINGETREE
СР	CHAMAECYPARIS PISIFERA 'FILIFERA'	GREENTHREAD CYPRESS
PO	PICEA OMORIKA	SERBIAN SPRUCE
AL	AMELANCHIER LAEVIS	SERVICE BERRY
VR	VIBURNUM RHYTIDOPHYLLOIDES	LEATHERLEAF VIBURNUM
RH	RHODODENDRON 'NOVA ZEMBLA'	RHODODENDRON
LB	LINDERA BENZOIN	SPICEBUSH
AZ	AZALEA SCHLIPPENBACHII	ROYAL AZALEA
DL	DIERVILLA LONICERA	BUSH HONEYSUCKLE
RP	RHODODENDRON 'PJM'	PJM RHODODENDRON
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
PV	PANICUM VIRGATUM 'CAPE BREEZE'	CAPE BREEZE SWITCHGRASS
MD	MICROBIOTA DECUSSATA	SIBERIAN CARPET CYPRESS
EF	EUONYMUS F. 'EMERALD GAITY'	EUONYMUS
СР	CARAX 'PENNSYLVANICA'	SEDGE
HAR	HELLEBORUS 'ANNES RED'	LENTEN ROSE
LS	LEUCANTHEMUM SUPERBUM 'SNOWCAP'	SHASTA DAISY
HPR	HEUCHERELLA 'PINK REVOLUTION'	FOAMY BELLS
AN	ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER
PQ	PARTHENOCISSUS QUINQUEFOLIA	VIRGINIA CREEPER
DF	DRYOPTERIS FILIX-MAS	WOOD FERN
OC	OSMUNDA CINNAMOMEA	CINNAMON FERN
SEED MIX A	MEDOT- PARK MIX SEED METHOD A	
SEED MIX B	NEW ENGLAND WETLAND PLANTS- WETLAND N	ЛIХ

SEED MIX D NEW ENGLAND WETLAND PLANTS- WETLAND MIX



—(3)LB

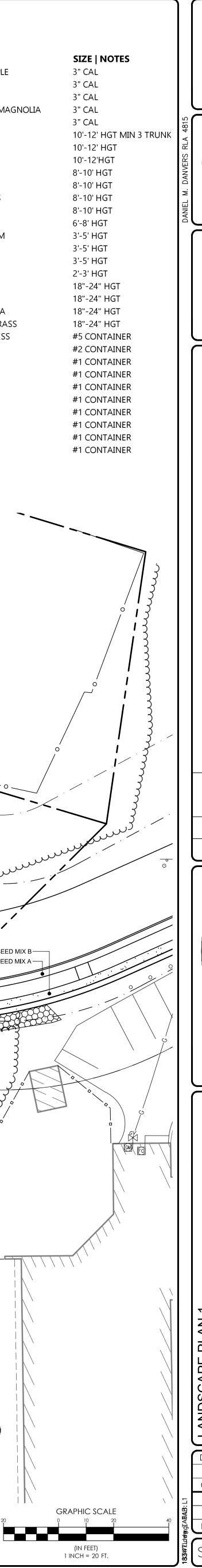
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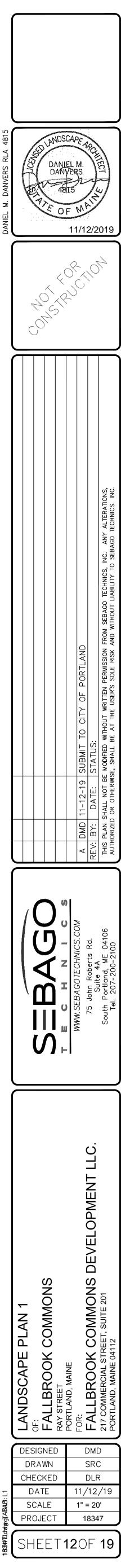
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(1)CT

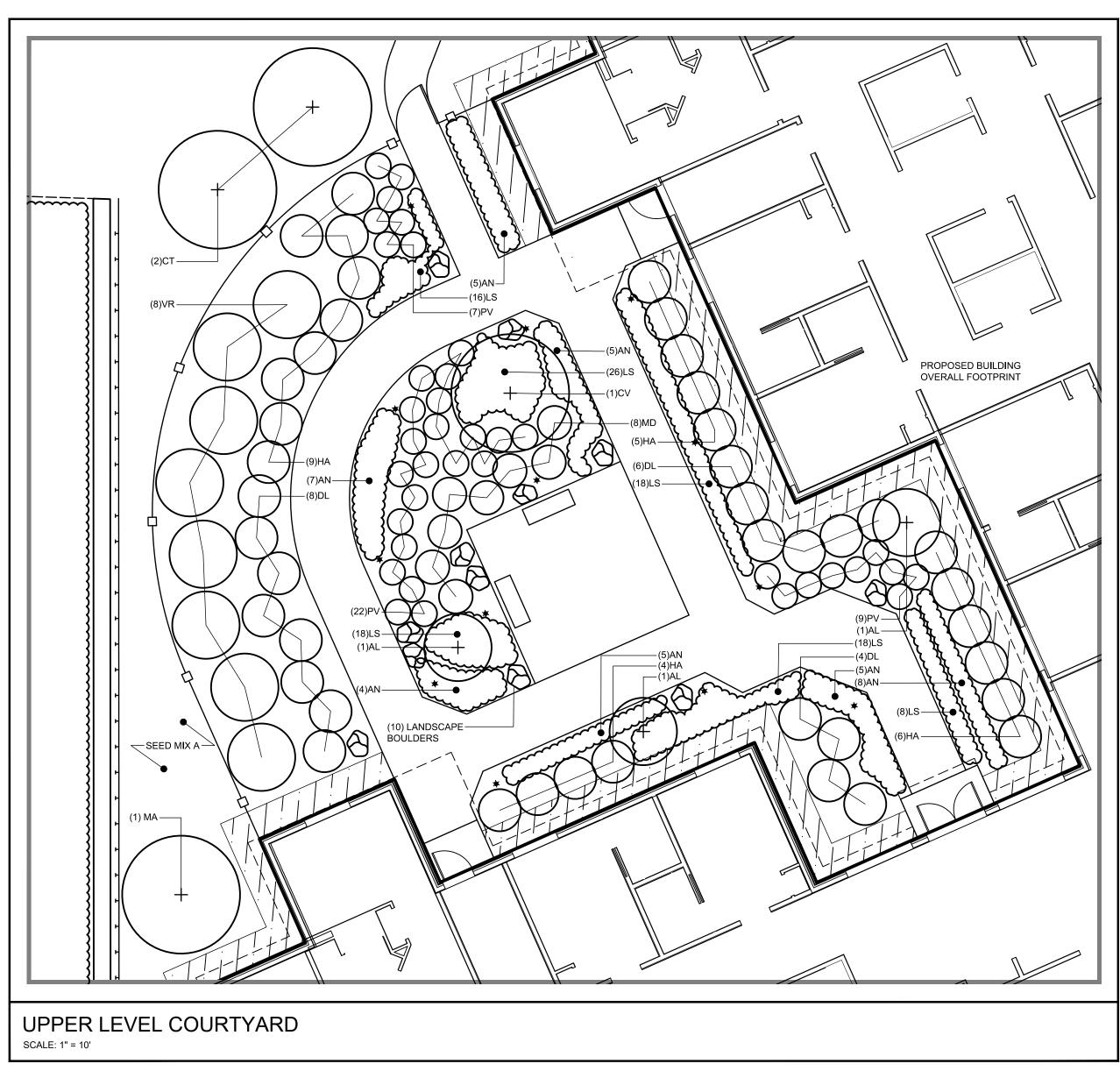
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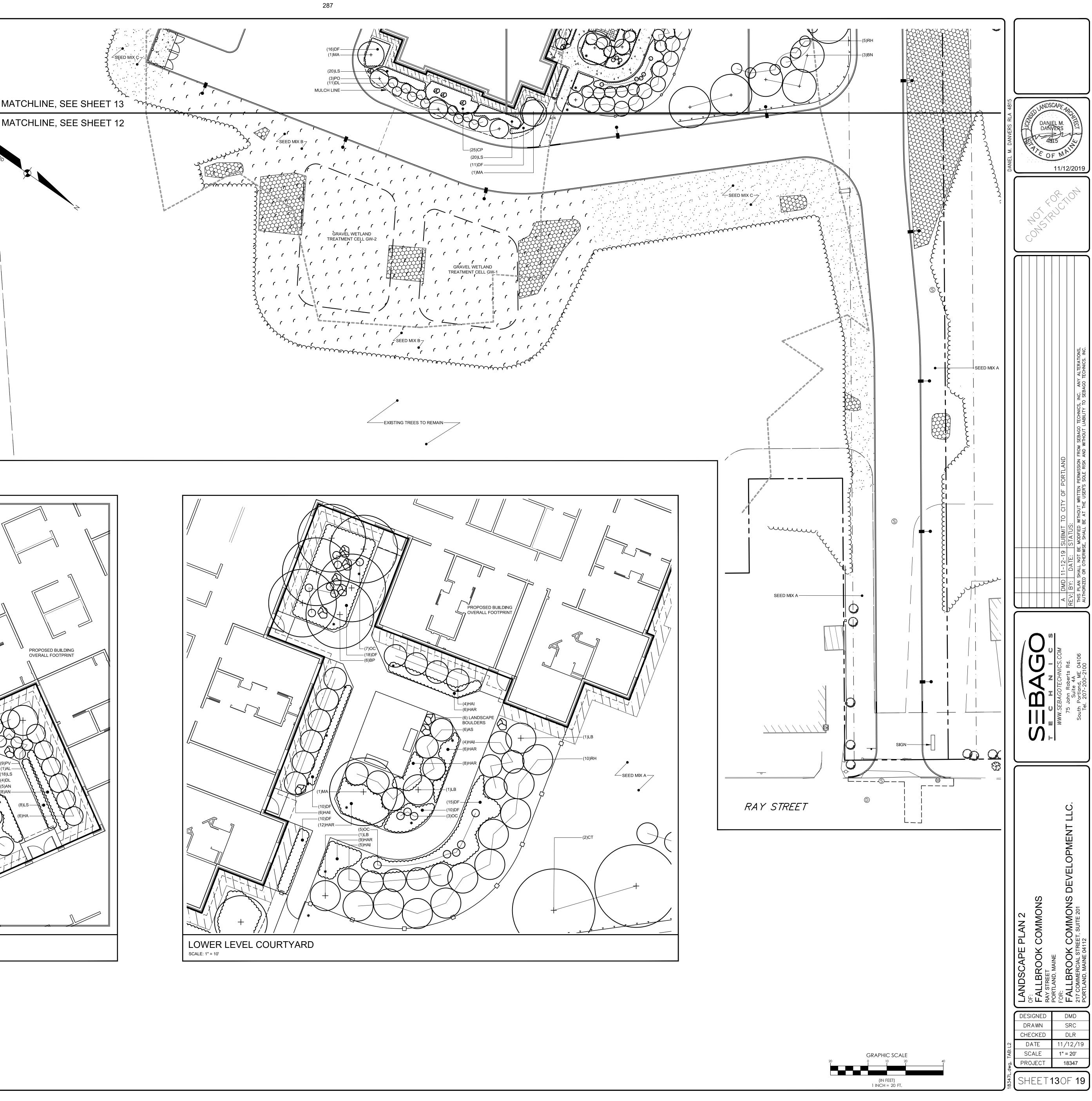


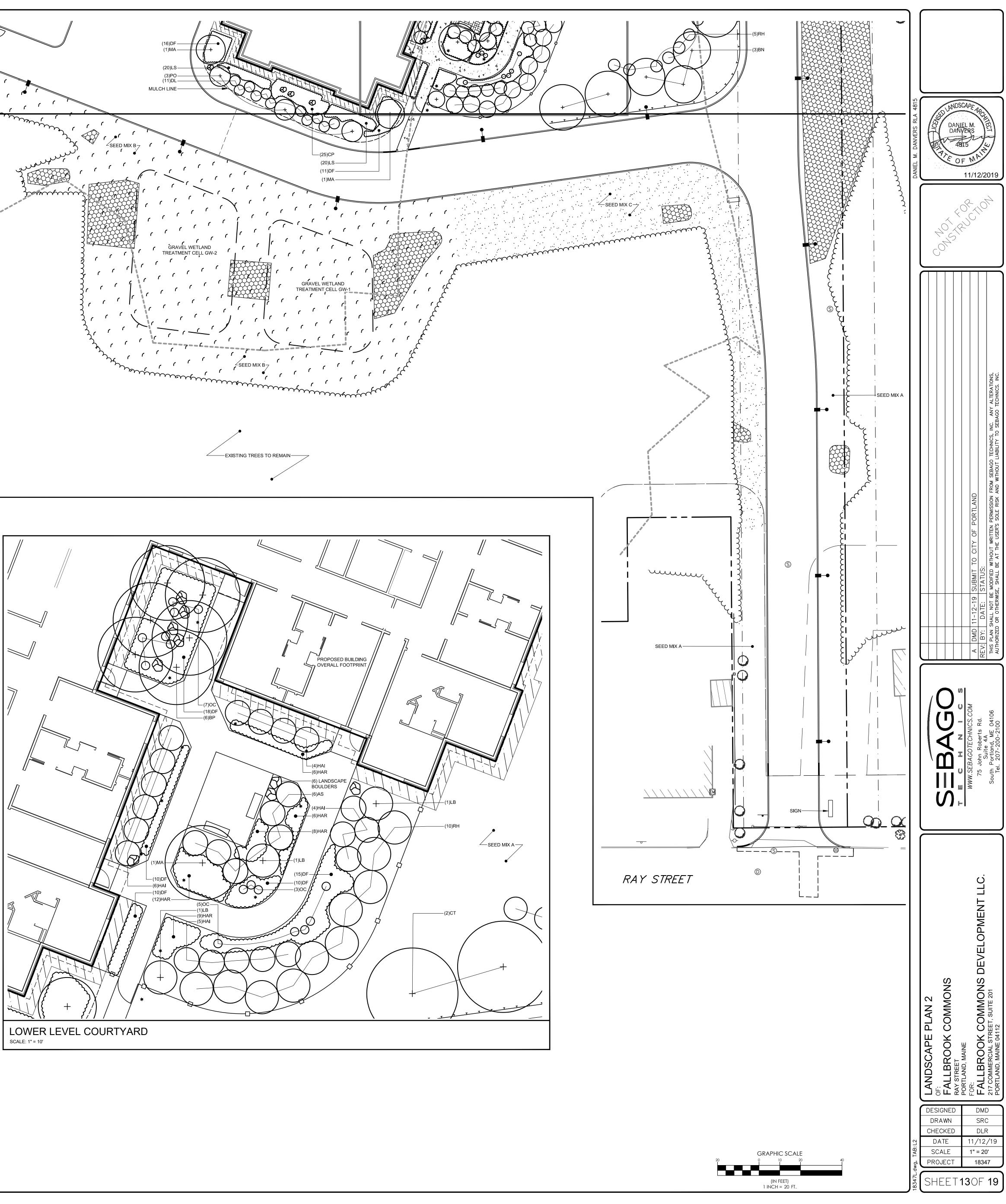


## FALLBROOK COMMONS PLANT SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	SIZE   NOTES	1	
AR	ACER RUBRUM 'NORTHWOOD'	NORTHWOOD RED MAPLE	3" CAL	1	
CS	CATALPA SPECIOSA	CATALPA	3" CAL		
NS	NYSSA SYLVATICA	BLACK TUPELO	3" CAL		
MA	MAGNOLIA ACUMINATA 'DAY BREAK'	DAYBREAK CUCUMBER MAGNOLIA	3" CAL		Ν
MP	MALUS 'PURPLE PRINCE'	PURPLE PRINCE CHERRY	3" CAL	<b>i</b>	
BN	BETULA NIGRA	RIVERBIRCH	10'-12' HGT MIN 3 TRUNK		Ν
PR	PINUS RESINOSA	RED PINE	10'-12' HGT		IV
СТ	CHAMAECYPARIS THYOIDES 'GLAUCA'	WHITE CEDAR	10'-12'HGT		i
BP	BETULA PAPYRIFERA 'RENAISSANCE REFLECT	ON' PAPER BIRCH	8'-10' HGT		
CV	CHIONANTHUS VIRGINICUS	FRINGETREE	8'-10' HGT		GÔ
СР	CHAMAECYPARIS PISIFERA 'FILIFERA'	GREENTHREAD CYPRESS	8'-10' HGT		GRID
PO	PICEA OMORIKA	SERBIAN SPRUCE	8'-10' HGT	١	
AL	AMELANCHIER LAEVIS	SERVICE BERRY	6'-8' HGT		1
VR	VIBURNUM RHYTIDOPHYLLOIDES	LEATHERLEAF VIBURNUM	3'-5' HGT		
RH	RHODODENDRON 'NOVA ZEMBLA'	RHODODENDRON	3'-5' HGT		
LB	LINDERA BENZOIN	SPICEBUSH	3'-5' HGT	1	
AZ	AZALEA SCHLIPPENBACHII	ROYAL AZALEA	2'-3' HGT	Ì	
DL	DIERVILLA LONICERA	BUSH HONEYSUCKLE	18"-24" HGT		
RP	RHODODENDRON 'PJM'	PJM RHODODENDRON	18"-24" HGT		
НА	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA	18"-24" HGT		1
PV	PANICUM VIRGATUM 'CAPE BREEZE'	CAPE BREEZE SWITCHGRASS	18"-24" HGT	1	
MD	MICROBIOTA DECUSSATA	SIBERIAN CARPET CYPRESS	#5 CONTAINER	I	
EF	EUONYMUS F. 'EMERALD GAITY'	EUONYMUS	#2 CONTAINER	I	ļ
СР	CARAX 'PENNSYLVANICA'	SEDGE	#1 CONTAINER		
HAR	HELLEBORUS 'ANNES RED'	LENTEN ROSE	#1 CONTAINER		
LS	LEUCANTHEMUM SUPERBUM 'SNOWCAP'	SHASTA DAISY	#1 CONTAINER		
HPR	HEUCHERELLA 'PINK REVOLUTION'	FOAMY BELLS	#1 CONTAINER	1	
AN	ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	#1 CONTAINER	١	
PQ	PARTHENOCISSUS QUINQUEFOLIA	VIRGINIA CREEPER	#1 CONTAINER	1	
DF	DRYOPTERIS FILIX-MAS	WOOD FERN	#1 CONTAINER		
OC	OSMUNDA CINNAMOMEA	CINNAMON FERN	#1 CONTAINER		
SEED MIX	A MEDOT- PARK MIX SEED METHOD A			l	
SEED MIX	B NEW ENGLAND WETLAND PLANTS- WETLAN	D MIX		l	
SEED MIX	C NEW ENGLAND WETLAND PLANTS- CONSER	VATION MIX			







PRIOR TO CONSTRUCTION, PROPERLY INSTALL SEDIMENT BARRIERS AT THE DOWNGRA TO ANY DRAINAGE CHANNELS WITHIN THE DISTURBED AREA. SEDIMENT BARRIERS SHO STOCKPILES AND STORMWATER PREVENTED FROM RUNNING ONTO THE STOCKPILE. M ACCUMULATED SEDIMENT, OR REMOVING AND REPLACING THE BARRIER, UNTIL THE DI	OULD BE INSTALLED DOWNGRADIENT OF SOIL OR SEDIMENT /AINTAIN THE SEDIMENT BARRIERS BY REMOVING ISTURBED AREA IS PERMANENTLY STABILIZED. WHERE A	SHALL BE INSTALLED PER PLANS IMMEDIATELY AFTE ROADWAYS ARE PAVED AN BENEATH THE CHECK DAM <u>STONE CHECK DAMS:</u> SHO OBTAINED AND THAT THE (
DISCHARGE TO A STORM DRAIN INLET OCCURS, IF THE STORM DRAIN CARRIES WATER TO ACCESS THE STORM DRAIN INLET, YOU MUST INSTALL AND MAINTAIN PROTECTION I PRIOR TO CONSTRUCTION, PROPERLY INSTALL A STABILIZED CONSTRUCTION ENTRANC IS A STABILIZED PAD OF AGGREGATE, UNDERLAIN BY A GEOTEXTILE FILTER FABRIC, US	MEASURES THAT REMOVE SEDIMENT FROM THE DISCHARGE. CE (SCE) AT ALL POINTS OF EGRESS FROM THE SITE. THE SCE	HAY BALE CHECK DAMS: W MANUFACTURED CHECK D PROPER LOCAL, STATE OR
FROM THE SITE ONTO PUBLIC ROWS. MAINTAIN THE SCE UNTIL ALL DISTURBED AREAS A PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A DETAILED SCHEDULE COMPONENTS OF THE WORK AND KEY DATES SHOWING DATE OF DISTURBANCE AND C SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE MUNICIPAL STAFF. THREE COPIE PROVIDED TO THE MUNICIPALITY THREE DAYS PRIOR TO THE SCHEDULED PRE-CONSTR THE 14 DAY LIMIT OF DISTURBANCE IN THE SCHEDULE ADDRESSING TEMPORARY AND	E AND MARKED UP PLAN INDICATING AREAS AND COMPLETION OF THE WORK. THE CONTRACTOR SHALL ES OF THE SCHEDULE AND MARKED UP PLAN SHALL BE RUCTION MEETING. SPECIAL ATTENTION SHALL BE GIVEN TO	RECOMMENDATIONS. 1. STORMDRAIN INLET PROTE INLET PROTECTION SHALL IMMEDIATE AND UPSTREAT TRAPPED SEDIMENTS AND PROTECTION METHOD MUS
NSTRUCTION AND POST-CONSTRUCTION PHASE		HAY BALE DROP INLET PRO CONCRETE BLOCK AND ST OF THE CONCRETE BLOCK USED.
INSPECTION AND CORRECTIVE ACTION: INSPECT DISTURBED AND IMPERVIOUS AREAS, EROSION CONTROL MEASURES, MATERI PRECIPITATION, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. INSPECT AND WITHIN 24 HOURS AFTER A STORM EVENT (RAINFALL), AND PRIOR TO COMPLETING KNOWLEDGE OF EROSION AND STORMWATER CONTROL, INCLUDING THE STANDARDS / INSPECTIONS.	THESE AREAS AT LEAST ONCE A WEEK AS WELL AS BEFORE G PERMANENT STABILIZATION MEASURES. A PERSON WITH	MANUFACTURED SEDIMEN MAY BE USED IF INSTALLEI 2. STABILIZED CONSTRUCTIO
MAINTENANCE: IF BEST MANAGEMENT PRACTICES (BMPS) NEED TO BE REPAIRED, THE REPAIR WORK S BUT NO LATER THAN THE END OF THE NEXT WORKDAY. IF ADDITIONAL BMPS OR SIGNIF MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RA OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.	FICANT REPAIR OF BMPS ARE NECESSARY, IMPLEMENTATION	PRIOR TO CLEARING AND/O WILL EXIT THE CONSTRUC CONSTRUCTION SITE ONTO TO FURTHER MINIMIZE THE CONSTRUCTED IN AREAS \$ 3. DUST CONTROL:
DOCUMENTATION: KEEP A LOG (REPORT) SUMMARIZING THE INSPECTIONS AND ANY CORRECTIVE ACTION QUALIFICATIONS OF THE PERSON MAKING THE INSPECTIONS, THE DATE(S) OF THE INSF OPERATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS, MATERI THE PARCEL. MAJOR OBSERVATIONS MUST INCLUDE BMPS THAT NEED MAINTENANCE, INADEQUATE FOR A PARTICULAR LOCATION, AND LOCATION(S) WHERE ADDITIONAL BMI BMP NEEDING REPLACEMENT, AND LOCATION NEEDING ADDITIONAL BMPS, NOTE IN TH	PECTIONS, AND MAJOR OBSERVATIONS ABOUT THE IALS STORAGE AREAS, AND VEHICLES ACCESS POINTS TO , BMPS THAT FAILED TO OPERATE AS DESIGNED OR PROVED IPS ARE NEEDED. FOR EACH BMP REQUIRING MAINTENANCE,	DUST CONTROL DURING C ROADWAY AREAS AS NECE CHLORIDE OR OTHER MAN AGENCIES. HOWEVER, IT I 4. TEMPORARY VEGETATION TEMPORARY VEGETATION PROCEDURE SHOULD BE U
TAKEN. THE LOG MUST BE MADE ACCESSIBLE TO DEPARTMENT STAFF AND A COPY MUST BE PL COPY OF THE LOG FOR A PERIOD OF AT LEAST THREE YEARS FROM THE COMPLETION		SHALL BE CONDUCTED AS LIVING) SHALL BE SELECTE CONTROL MEASURES SHO 5. PERMANENT VEGETATION
T-CONSTRUCTION PLAN: CARRY OUT AN APPROVED INSPECTION AND MAINTENANCE PLAN THAT IS CONSISTENT PLAN MUST ADDRESS INSPECTION AND MAINTENANCE OF THE PROJECT'S PERMANENT MANAGEMENT SYSTEM. THIS PLAN MAY BE COMBINED WITH THE PLAN LISTED IN SECTION	FEROSION CONTROL MEASURES AND STORMWATER	REVEGETATION MEASURE APPLICATION OF SEED SH WINTER EROSION CONTRO SEEDBED PREPARATION:
SUBMISSION REQUIREMENTS. INSPECTION AND MAINTENANCE: ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION. A PERSON CONTROL, INCLUDING THE STANDARDS AND CONDITIONS IN THE PERMIT, SHALL CONDI AND MEASURES MUST BE INSPECTED AND IDENTIFIED DEFICIENCIES MUST BE CORRECT TUDGES LISTED BEI OW MAY ALSO RECUIRE INSPECTION ON A SEFECIEIC SITE INSPECTION.	UCT THE INSPECTIONS. THE FOLLOWING AREAS, FACILITIES, CTED. AREAS, FACILITIES, AND MEASURES OTHER THAN	A. FOUR (4) INCHES OF SUBSOIL, CLAY LUMF OTHER OBJECTIONA B. SOILS TESTS SHALL PROMPTLY AS TO NO
THOSE LISTED BELOW MAY ALSO REQUIRE INSPECTION ON A SPECIFIC SITE. INSPECTIO BELOW MUST BE INCLUDED IN THE MAINTENANCE PLAN DEVELOPED FOR A SPECIFIC SI REGULAR MAINTENANCE: CLEAR ACCUMULATIONS OF WINTER SAND IN PARKING LOTS AND ALONG ROADWAYS A	SITE. AT LEAST ONCE A YEAR, PREFERABLY IN THE SPRING.	INCORPORATED INTO RECOMMENDATIONS C. WORK SOIL AMENDM FIRM THE SEEDBED E
ACCUMULATIONS ON PAVEMENT MAY BE REMOVED BY PAVEMENT SWEEPING. ACCUMU REMOVED BY GRADING EXCESS SAND TO THE PAVEMENT EDGE AND REMOVING IT MAN ROADS, OR GRADING OF THE GRAVEL SHOULDERS OF GRAVEL OR PAVED ROADS, MUS STORMWATER DRAINS IMMEDIATELY OFF THE ROAD SURFACE TO ADJACENT BUFFER A ACCUMULATIONS OF GRADED MATERIAL ON THE ROAD SHOULDER OR BY EXCAVATION OPEN-TOP CULVERTS ARE USED TO DIVERT RUNOFF FROM ROAD SURFACES, CLEAN-O STRUCTURES TO RESTORE THEIR FUNCTION.	NUALLY OR BY A FRONT-END LOADER. GRADING OF GRAVEL ST BE ROUTINELY PERFORMED TO ENSURE THAT AREAS OR STABLE DITCHES, AND IS NOT IMPEDED BY I OF FALSE DITCHES IN THE SHOULDER. IF WATER BARS OR	APPLICATION OF SEED: A. <u>SEEDING:</u> SHALL BE ( APPLIED AS FOLLOW <u>SEED TYPE</u> CREEPING RED FESC
DOCUMENTATION: KEEP A LOG (REPORT) SUMMARIZING INSPECTIONS, MAINTENANCE, AND ANY CORRECT WHICH EACH INSPECTION OR MAINTENANCE TASK WAS PERFORMED, A DESCRIPTION O AND THE NAME OF THE INSPECTOR OR MAINTENANCE PERSONNEL PERFORMING THE T ANY SEDIMENTS OR DEBRIS, INDICATE WHERE THE SEDIMENT AND DEBRIS WAS DISPOS TO DEPARTMENT STAFF AND A COPY PROVIDED TO THE DEPARTMENT UPON REQUEST PERIOD OF AT LEAST FIVE YEARS FROM THE COMPLETION OF PERMANENT STABILIZATI	OF THE INSPECTION FINDINGS OR MAINTENANCE COMPLETED, TASK. IF A MAINTENANCE TASK REQUIRES THE CLEAN-OUT OF DSED AFTER REMOVAL. THE LOG MUST BE MADE ACCESSIBLE IT. THE PERMITTEE SHALL RETAIN A COPY OF THE LOG FOR A	REDTOP TALL FESCUE TOTAL: NOTE: A SPECIFIC SEED MI MIXTURES. MDEP RECOMM B. HYDROSEEDING: SHA
DSION CONTROL APPLICATIONS & MEASURES THE PLACEMENT OF EROSION CONTROL MEASURES SHALL BE COMPLETED IN ACCORD MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION CHAPTER 500 RULES, THE DEPA ACCORDANCE WITH THE EROSION CONTROL PLAN AND DETAILS IN THE PLAN SET. ERO	ARTMENTS BEST MANAGEMENT PRACTICES AND IN	SIMULTANEOUSLY W C. <u>MULCHING:</u> SHALL CO FOR DETAILS. SODDING:
ACTIVITY BEGINS. MEASURES MUST REMAIN IN PLACE AND FUNCTIONAL UNTIL THE SITU TEMPORARY AND PERMANENT STABILIZATION MEASURES MUST BE TAKEN. POLLUTION PREVENTION: WHENEVER PRACTICABLE, NO DISTURBANCE ACTIVITIES SHOULD TAKE PLACE WITHIN STATE DISTURBANCE ACTIVITIES TAKE PLACE BETWEEN 30 FEET AND 50 FEET OF ANY PROTECT	50 FEET OF ANY PROTECTED NATURAL RESOURCE. IF	FOLLOWING SEEDBED PRE SUCH AS DITCHES, AROUN DIRECTION OF FLOW, STAF DOWN. WHERE FLOW IS PF MOST CASES, SOD CAN BE
THROUGH THE DISTURBED AREAS TOWARD THE PROTECTED NATURAL RESOURCE, PE DISTURBANCE ACTIVITIES TAKE PLACE LESS THAN 30 FEET FROM ANY PROTECTED NAT THROUGH THE DISTURBED AREAS TOWARD THE PROTECTED NATURAL RESOURCE, PE DISTURBED AREAS MUST BE TEMPORARILY OR PERMANENTLY STABILIZED WITHIN 48 H	RIMETER EROSION CONTROLS MUST BE DOUBLED. IF TURAL RESOURCE, AND STORMWATER DISCHARGES RIMETER EROSION CONTROLS MUST BE DOUBLED AND	TRENCH DEWATERING AN WATER FROM CONSTRUCT SECONDARY CONTAINMEN
TEMPORARY MULCHING: ALL DISTURBED AREAS SHALL BE MULCHED WITH MATERIALS SPECIFIED BELOW PRIOR GRADED WITHIN 7 DAYS SHALL BE MULCHED. ALSO, AREAS, WHICH HAVE BEEN TEMPO IMMEDIATELY FOLLOWING SEEDING. EROSION CONTROL BLANKETS ARE RECOMMENDE ON SLOPES GREATER THAN 15%. MULCH ANCHORING SHOULD BE USED ON SLOPES G	DRARILY OR PERMANENTLY SEEDED, SHALL BE MULCHED DED TO BE USED AT THE BASE OF GRASSED WATERWAYS AND	FLOODING AND SEDIMENT LOCATED WITHIN 100 FEET STANDARDS FOR TIMELY STANDARD FOR THE TIMEL
CONSTRUCTION YEAR (SEE WINTER EROSION CONTROL NOTES). TYPES OF MULCH: <u>HAY OR STRAW:</u> SHALL BE APPLIED AT A RATE OF 75 LBS/1,000 S.F. (1.5 TONS PER ACRE <u>EROSION CONTROL MIX:</u> SHALL BE PLACED EVENLY AND MUST PROVIDE 100% SOIL CON THAT THE THICKNESS ON SLOPES 3:1 OR LESS IS 2 INCHES PLUS 1/2 INCH PER 20 FEET BETWEEN 3:1 AND 2:1 SHALL BE 4 INCHES PLUS 1/2 INCH PER 20 FEET OF SLOPE UP TO	VERAGE. EROSION CONTROL MIX SHALL BE APPLIED SUCH T OF SLOPE UP TO 100 FEET. THE THICKNESS ON SLOPES	BY NOVEMBER 15. THE CO AREA HAVING A GRADE GR SEPTEMBER 15, THEN THE A. <u>STABILIZE THE SOIL V</u> DISTURBED SLOPE W
THAN 2:1. <u>EROSION CONTROL BLANKET:</u> SHALL BE INSTALLED SUCH THAT CONTINUOUS CONTACT BLANKETS AND STAPLE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATI SOIL STOCKPILES:	IONS.	THE MULCHED SLOP LEAST THREE INCHE WITH A LAYER OF ER 2(D.) OF THIS STAND B. STABILIZE THE SLOP
STOCKPILES OF SOIL OR SUBSOIL SHALL BE MULCHED WITH HAY OR STRAW AT A RATE FOUR-INCH LAYER OF WOOD WASTE EROSION CONTROL MIX. THIS WILL BE DONE WITH ANY RAINFALL. ANY SOIL STOCKPILE WILL NOT BE PLACED (EVEN COVERED WITH HAY OR RESOURCES. NATURAL RESOURCES PROTECTION:	IIN 24 HOURS OF STOCKING AND RE-ESTABLISHED PRIOR TO OR STRAW) WITHIN 100 FEET FROM ANY NATURAL	B. <u>STABILIZE THE SLOP</u> 15. PROPER INSTALL CONTACT BETWEEN APPLICANT WILL NO C. <u>STABILIZE THE SLOP</u> SLOPE BY NOVEMBE DISTURBED SLOPE.
ANY AREAS WITHIN 100 FEET FROM ANY NATURAL RESOURCES, IF NOT STABILIZED WIT STABILIZED USING TEMPORARY MULCHING (AS DESCRIBED IN PART 1. OF THIS SECTION EXPOSURE OR PRIOR TO ANY STORM EVENT. SEDIMENT BARRIERS (AS DESCRIBED IN F NATURAL RESOURCE AND THE DISTURBED AREA. PROJECTS CROSSING THE NATURAL 100 FEET ON EITHER SIDE FROM THE RESOURCE. IF DISTURBANCE TAKES PLACE LESS STORMWATER DISCHARGES THROUGH THE DISTURBED AREAS TO THE RESOURCE, PE	N) OR OTHER NON-ERODIBLE COVER WITHIN 48 HOURS OF PART 4. OF THIS SECTION) SHALL BE PLACED BETWEEN ANY RESOURCE SHALL BE PROTECTED A MINIMUM DISTANCE OF THAN 30 FEET FROM A PROTECTED RESOURCE AND	DISTORDED STORDED GROUNDWATER SEE D. <u>STABILIZE THE SLOPI</u> THE APPLICANT WILL A FILTER LAYER FOR STANDARD FOR THE TIMEL
SEDIMENT BARRIERS: PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, SEDIMENT BARRIERS SHALL BE STA BELOW THE LIMITS OF CLEARING OR GRUBBING, AND/OR JUST ABOVE ANY ADJACENT I CONSTRUCTION RELATED EROSION. SEDIMENT BARRIERS SHALL BE MAINTAINED BY T LEAST 85%-90% VIGOROUS PERENNIAL VEGETATIVE COVER TO PREVENT EROSION.	PROPERTY LINE OR WATERCOURSE TO PROTECT AGAINST	A. <u>STABILIZE THE SOLL</u> A. <u>STABILIZE THE SOLL</u> AT A SEEDING RATE SQUARE FEET, AND A
SILT FENCE: SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE EFFECTIVE HEIG RECOMMENDED THAT SILT FENCE BE REMOVED BY CUTTING THE FENCE MATERIALS AT DISTURBANCE. <u>HAY BALES:</u> SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. BALES SHALL BE WIF	T GROUND LEVEL SO AS TO AVOID ADDITIONAL SOIL RE-BOUND OR STRING-TIED AND THESE BINDINGS MUST	DAYS. IF THE RYE FA THE APPLICANT WILL B. <u>STABILIZE THE SOIL \</u> PROPER INSTALLATIO CONTACT BETWEEN C. STABILIZE THE SOIL \
REMAIN PARALLEL WITH THE GROUND SURFACE DURING INSTALLATION TO PREVENT D INSTALLED WITHIN A MINIMUM 4 INCH DEEP TRENCH LINE WITH ENDS OF ADJACENT BAI <u>EROSION CONTROL MIX:</u> SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE MIX CONTAIN A WELL-GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LES SHALL MEET THE STANDARDS DESCRIBED WITHIN THE MDEP BEST MANAGEMENT PRACE	LES TIGHTLY ABUTTING ONE ANOTHER. X SHALL CONSIST PRIMARILY OF ORGANIC MATERIAL AND SS THAN 4 INCHES IN DIAMETER. THE MIX COMPOSITION	C. <u>STABILIZE THE SOL</u> RATE OF AT LEAST 1 APPLYING THE MULC THE MULCH, THE API DISTURBED SOIL D. <u>STABILIZE THE SOIL</u> ON THE SOIL BY NOV
THIS BARRIER. <u>CONTINUOUS CONTAINED BERM</u> : SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. WITHIN A SYNTHETIC TUBULAR NETTING AND PERFORMS AS A STURDY SEDIMENT BARF CONDITIONS, TRAVELED AREAS OR PAVEMENT. NO TRENCHING IS REQUIRED FOR INST	RIER THAT WORKS WELL ON HARD GROUND SUCH AS FROZEN	THE DISTURBED SLC
	ORGANIC BASED	
BERM	MIX	
TOE OF SLOPE	24	·
<ul> <li>NOTES:</li> <li>BURY THE TOP END OF THE MESH MATERIAL IN A 6" TRENCH AND BACKFILL AND TAMP TRENCHING SECURE END WITH STAPLES AT 6" SPACING, 4" DOWN FROM EXPOSED END.</li> <li>FLOW DIRECTION JOINTS TO HAVE UPPER END OF LOWER STRIP BURIED WITH UPPER LAYERS</li> </ul>	<u>COMPOSITION</u> EROSION CONTROL MIX SHALL BE MANUFACTUR COMPOSITION IS IN ACCORDANCE WITH THE MD LAST REVISED 3/2003 OR LATER. IT MUST CONS POINT OF GENERATION, AND MAY INCLUDE: SHR ACCEPTABLE MANUFACTURED PRODUCTS. WOO REPROCESSED WOOD PRODUCTS WILL NOT BE	EP MAINE EROSION AND SEDIMENT CON ST PRIMARILY OF ORGANIC MATERIAL, S EDDED BARK, STUMP GRINDINGS, COMI DD AND BARK CHIPS, GROUND CONSTRU
OVERLAPPED 4" AND STAPLED. OVERLAP B OVER A. 3. LATERAL JOINTS TO HAVE 4" OVERLAP OF STRIPS.	<u>INSTALLATION:</u> 1. THE BARRIER MUST BE PLACED ACROSS THE 2. EXISTING GROUND SHALL BE PREPARED SUC GROUND TO AVOID THE CREATION OF VOIDS AN	H THAT THE BARRIER MAY LIE NEARLY F
STAPLE 18" ON CENTER. 4. STAPLE OUTSIDE LATERAL EDGE 2" ON CENTER.	OUTS UNDER THE BARRIER.	

NOT TO SCALE

ERUSION CONTROL MIX BERM NOT TO SCALE

RARY CHECK DAMS BE INSTALLED PER THE DETAIL ON THE PLANS. CHECK DAMS ARE TO BE PLACED WITHIN DITCHES/ SWALES AS SPECIFIED ON THE DESIGN IMMEDIATELY AFTER FINAL GRADING. CHECK DAMS SHALL BE 2 FEET HIGH. TEMPORARY CHECK DAMS MAY BE REMOVED ONLY AFTER THE WAYS ARE PAVED AND THE VEGETATED SWALE ARE ESTABLISHED WITH AT LEAST 85%-90% OF VIGOROUS PERENNIAL GROWTH. THE AREA ATH THE CHECK DAM MUST BE SEEDED AND MULCHED IMMEDIATELY AFTER REMOVAL OF THE CHECK DAM.

E CHECK DAMS: SHOULD BE CONSTRUCTED OF 2 TO 3 INCH STONE AND PLACED SUCH THAT COMPLETE COVERAGE OF THE SWALE IS NED AND THAT THE CENTER OF THE DAM IS 6 INCHES LOWER THAT THE OUTER EDGES. BALE CHECK DAMS: WE DO NOT RECOMMEND THE USE OF HAY BALES AS CHECK DAMS.

ACTURED CHECK DAMS: MANUFACTURED CHECK DAMS, AS SPECIFIED IN THE DETAIL ON THE PLANS, MAY BE USED IF AUTHORIZED BY THE R LOCAL, STATE OR FEDERAL REGULATING AGENCIES. THESE UNITS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURE'S MMENDATIONS.

MDRAIN INLET PROTECTION: PROTECTION SHALL BE PLACED AROUND A STORMDRAIN DROP INLETOR CURB INLET PRIOR TO PERMANENT STABILIZATION OF THE DIATE AND UPSTREAM DISTURBED AREAS. THEY SHALL BE CONSTRUCTED IN A MANNER THAT WILL FACILITATE CLEAN-OUT AND DISPOSAL OF PED SEDIMENTS AND MINIMIZE INTERFERENCE WITH CONSTRUCTION ACTIVITIES. ANY RESULTANT PONDING OF WATER FROM THE ECTION METHOD MUST NOT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT AREAS OR STRUCTURES.

<u>BALE DROP INLET PROTECTION:</u> WE DO NOT RECOMMEND THE USE OF HAY BALES AS INLET PROTECTION. RETE BLOCK AND STONE INLET SEDIMENT FILTER (DROP OR CURB INLET): SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE HEIGHT CONCRETE BLOCK BARRIER CAN VARY BUT MUST BE BETWEEN 12 AND 24 INCHES TALL. A MINIMUM OF 1 INCH CRUSHED STONE SHALL BE

FACTURED SEDIMENT BARRIERS AND FILTER (DROP OR CURB INLET): MANUFACTURED FILTERS, AS SPECIFIED IN THE DETAIL ON THE PLANS, E USED IF INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

IZED CONSTRUCTION EXIT TO CLEARING AND/OR GRUBBING THE SITE A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED WHEREVER TRAFFIC EXIT THE CONSTRUCTION SITE ONTO A PAVED ROADWAY IN ORDER TO MINIMIZE THE TRACKING OF SEDIMENT AND DEBRIS FROM THE STRUCTION SITE ONTO PUBLIC ROADWAYS THE ENTRANCES AND ADJACENT ROADWAY AREAS SHALL BE PERIODICALLY SWEPT OR WASHED URTHER MINIMIZE THE TRACKING OF MUD. DUST OR DEBRIS FROM THE CONSTRUCTION AREA. STABILIZED CONSTRUCTION EXITS SHALL BE STRUCTED IN AREAS SPECIFIED ON THE PLANS AND AS DETAILED ON THE PLANS.

CONTROL CONTROL DURING CONSTRUCTION SHALL BE ACHIEVED BY THE USE OF A WATERING TRUCK TO PERIODICALLY SPRINKLE THE EXPOSED DWAY AREAS AS NECESSARY TO REDUCE DUST DURING THE DRY MONTHS. APPLYING OTHER DUST CONTROL PRODUCTS SUCH AS CALCIUM DRIDE OR OTHER MANUFACTURED PRODUCTS ARE ALLOWED IF AUTHORIZED BY THE PROPER LOCAL, STATE AND/OR FEDERAL REGULATING NCIES. HOWEVER, IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO MITIGATE DUST AND SOIL LOSS FROM THE SITE.

ORARY VEGETATION SHALL BE APPLIED TO DISTURBED AREAS THAT WILL NOT RECEIVE FINAL GRADING FOR PERIODS UP TO 12 MONTHS. THIS EDURE SHOULD BE USED EXTENSIVELY IN AREAS ADJACENT TO NATURAL RESOURCES. SEEDBED PREPARATION AND APPLICATION OF SEED BE CONDUCTED AS INDICATED IN THE PERMANENT VEGETATION SECTION OF THIS NARRATIVE SPECIFIC SEEDS (EAST GROWING AND SHORT G) SHALL BE SELECTED FROM THE MAINE EROSION AND SEDIMENT CONTROL BMP MANUAL DATED 3/2003 OR LATER. ALTERNATIVE EROSION ROL MEASURES SHOULD BE USED IF SEEDING CAN NOT BE DONE BEFORE SEPTEMBER 15TH OF THE CONSTRUCTION YEAR.

MANENT VEGETATION: GETATION MEASURES SHALL COMMENCE IMMEDIATELY UPON COMPLETION OF FINAL GRADING OF AREAS TO BE LOAMED AND SEEDED. THE ICATION OF SEED SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR, PLEASE REFER TO THE ER EROSION CONTROL NOTES FOR MORE DETAIL. REVEGETATION MEASURES SHALL CONSIST OF THE FOLLOWING:

OUR (4) INCHES OF LOAM SHALL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE. LOAM SHALL BE FREE OF SUBSOIL, CLAY LUMPS, STONES AND OTHER OBJECTS OVER 2 INCHES OR LARGER IN ANY DIMENSION, AND WITHOUT WEEDS, ROOTS OR OTHER OBJECTIONABLE MATERIAL

SOILS TESTS SHALL BE TAKEN AT THE TIME OF SOIL STRIPPING TO DETERMINE FERTILIZATION REQUIREMENTS. SOILS TESTS SHALL BE TAKEN PROMPTLY AS TO NOT INTERFERE WITH THE 14-DAY LIMIT ON SOIL EXPOSURE. BASED UPON TEST RESULTS, SOIL AMENDMENTS SHALL BE INCORPORATED INTO THE SOIL PRIOR TO FINAL SEEDING. SOIL AMENDMENTS SHALL BE MADE IN ACCORDANCE WITH SOIL TEST RECOMMENDATIONS.

WORK SOIL AMENDMENTS INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH PROPER EQUIPMENT. ROLL THE AREA TO FIRM THE SEEDBED EXCEPT ON CLAY OR SILTY SOILS OR COARSE SAND.

EDING: SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR. GENERALLY A SEED MIXTURE MAY BE PPLIED AS FOLLOWS: (MDEP SEED MIX 2 IS DISPLAYED) 

EDITPE	APPLICATION RATE
EEPING RED FESCUE	0.46 LBS/1,000 S.F. (20 LBS/ACRE)
DTOP	0.05 LBS/1,000 S.F. (2 LBS/ACRE)
LL FESCUE	0.46 LBS/1,000 S.F. (20 LBS/ACRE)
TAL:	0.97 LBS/1,000 S.F. (42 LBS/ACRE)

A SPECIFIC SEED MIXTURE SHOULD BE CHOSEN TO MATCH THE SOILS CONDITION OF THE SITE. VARIOUS AGENCIES CAN RECOMMEND SEED JRES. MDEP RECOMMENDED SEED MIXTURES ARE IN THE EROSION AND SEDIMENT CONTROL BMP MANUAL DATED 3/2003 OR LATER. ROSEEDING: SHALL BE CONDUCTED ON PREPARED AREAS WITH SLOPES LESS THAN 2:1. LIME AND FERTILIZER MAY BE APPLIED SIMULTANEOUSLY WITH THE SEED. RECOMMENDED SEEDING RATES MUST BE INCREASED BY 10% WHEN HYDROSEEDING.

MULCHING: SHALL COMMENCE IMMEDIATELY AFTER SEED IS APPLIED. REFER TO THE TEMPORARY MULCHING SECTION OF THIS NARRATIVE FOR DETAILS.

WING SEEDBED PREPARATION. SOD CAN BE APPLIED IN LIEU OF SEEDING IN AREAS WHERE IMMEDIATE VEGETATION IS MOST BENEFICIAL AS DITCHES, AROUND STORMWATER DROP INLETS AND AREAS OF AESTHETIC VALUE, SOD SHOULD BE LAID AT RIGHT ANGLES TO THE CTION OF FLOW STARTING AT THE LOWEST FLEVATION. SOD SHOULD BE ROLLED OR TAMPED DOWN TO EVEN OUT THE JOINTS ONCE LAID . WHERE FLOW IS PREVALENT THE SOD MUST BE PROPERLY ANCHORED DOWN. IRRIGATE THE SOD IMMEDIATELY AFTER INSTALLATION. IN CASES, SOD CAN BE ESTABLISHED BETWEEN APRIL 1ST AND NOVEMBER 15TH OF THE CONSTRUCTION YEAR,

DEWATERING AND TEMPORARY STREAM DIVERSION:

ER FROM CONSTRUCTION TRENCH DEWATERING OR TEMPORARY STREAM DIVERSION WILL PASS FIRST THROUGH A FILTER BAG OR ONDARY CONTAINMENT STRUCTURE (E.G. HAY BALE LINED POOL) PRIOR TO DISCHARGE. THE DISCHARGE SITE SHALL BE SELECTED TO AVOID DING AND SEDIMENT DISCHARGES TO A PROTECTED RESOURCE. IN NO CASE SHALL THE FILTER BAG OR CONTAINMENT STRUCTURE BE TED WITHIN 100 FEET OF A PROTECTED NATURAL RESOURCE.

RDS FOR TIMELY STABILIZATION:

ARD FOR THE TIMELY STABILIZATION OF DISTURBED SLOPES -- THE CONTRACTOR WILL CONSTRUCT AND STABILIZE STONE-COVERED SLOPES VEMBER 15. THE CONTRACTOR WILL SEED AND MULCH ALL SLOPES TO BE VEGETATED BY SEPTEMBER 15. THE MDEP WILL CONSIDER ANY A HAVING A GRADE GREATER THAN 8% (12.5H:1V) TO BE A SLOPE. IF THE CONTRACTOR FAILS TO STABILIZE ANY SLOPE TO BE VEGETATED BY EMBER 15, THEN THE CONTRACTOR WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SLOPE FOR LATE FALL AND WINTER.

ABILIZE THE SOIL WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS -- BY OCTOBER 1 THE CONTRACTOR WILL SEED THE DISTURBED SLOPE WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1,000 SQUARE FEET AND APPLY EROSION CONTROL MATS OVER THE MULCHED SLOPE. THE CONTRACTOR WILL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT I FAST THREE INCHES OR COVER AT LEAST 75% OF THE DISTURBED SLOPE BY NOVEMBER 1. THEN THE APPLICANT WILL COVER THE SLOPE WITH A LAYER OF EROSION CONTROL MIX AS DESCRIBED IN ITEM 2(C.) OF THIS STANDARD OR WITH STONE RIPRAP AS DESCRIBED IN ITEM 2(D.) OF THIS STANDARD.

STABILIZE THE SLOPE WITH SOD -- THE CONTRACTOR WILL STABILIZE THE DISTURBED SLOPE WITH PROPERLY INSTALLED SOD BY NOVEMBER PROPER INSTALLATION INCLUDES THE APPLICANT PINNING THE SOD ONTO THE SLOPE WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL. THE APPLICANT WILL NOT USE LATE-SEASON SOD INSTALLATION TO STABILIZE SLOPES HAVING A GRADE GREATER THAN 33% (3H:1V). TABILIZE THE SLOPE WITH EROSION CONTROL MIX -- THE CONTRACTOR WILL PLACE A SIX-INCH LAYER OF EROSION CONTROL MIX ON THE SLOPE BY NOVEMBER 15. PRIOR TO PLACING THE EROSION CONTROL MIX, THE APPLICANT WILL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED SLOPE. DO NOT USE EROSION CONTROL MIX TO STABILIZE SLOPES HAVING GRADES GREATER THAN 1H:1V OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE. STABILIZE THE SLOPE WITH STONE RIPRAP -- THE CONTRACTOR WILL PLACE A LAYER OF STONE RIPRAP ON THE SLOPE BY NOVEMBER 15.

HE APPLICANT WILL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY AND TO DESIGN A FILTER LAYER FOR UNDERNEATH THE RIPRAP. FOR THE TIMELY STABILIZATION OF DISTURBED SOILS -- BY SEPTEMBER 15 THE CONTRACTOR WILL SEED AND MULCH ALL DISTURBED ON AREAS HAVING A SLOPE LESS THAN 8%. IF THE CONTRACTOR FAILS TO STABILIZE THESE SOILS BY THIS DATE, THEN THE CONTRACTOR

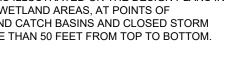
TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SOIL FOR LATE FALL AND WINTER. STABILIZE THE SOIL WITH TEMPORARY VEGETATION -- BY OCTOBER 1 THE CONTRACTOR WILL SEED THE DISTURBED SOIL WITH WINTER RYE T A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET, LIGHTLY MULCH THE SEEDED SOIL WITH HAY OR STRAW AT 75 POUNDS PER 1000 SQUARE FEET, AND ANCHOR THE MULCH WITH PLASTIC NETTING. THE APPLICANT WILL MONITOR GROWTH OF THE RYE OVER THE NEXT 30

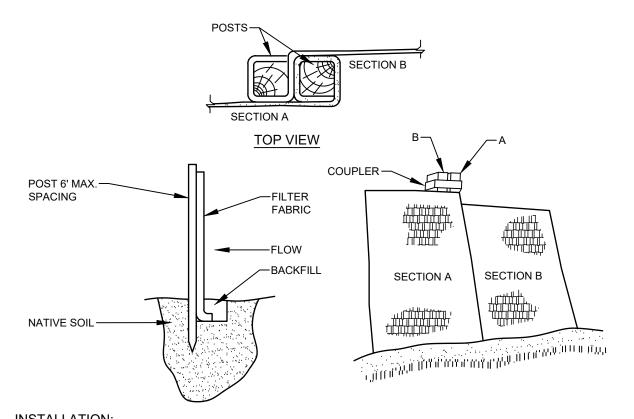
DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR COVER AT LEAST 75% OF THE DISTURBED SOIL BEFORE NOVEMBER 15, THEN THE APPLICANT WILL MULCH THE AREA FOR OVER-WINTER PROTECTION AS DESCRIBED IN ITEM 3(C.) OF THIS STANDARD. STABILIZE THE SOIL WITH SOD -- THE APPLICANT WILL STABILIZE THE DISTURBED SOIL WITH PROPERLY INSTALLED SOD BY OCTOBER  $^{\circ}$ PER INSTALLATION INCLUDES THE APPLICANT PINNING THE SOD ONTO THE SOIL WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL TABILIZE THE SOIL WITH MULCH -- BY NOVEMBER 15 THE APPLICANT WILL MULCH THE DISTURBED SOIL BY SPREADING HAY OR STRAW AT A ATE OF AT LEAST 150 POUNDS PER 1000 SQUARE FEET ON THE AREA SO THAT NO SOIL IS VISIBLE THROUGH THE MULCH. PRIOR TO APPLYING THE MULCH, THE APPLICANT WILL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED AREA. IMMEDIATELY AFTER APPLYING

THE MULCH, THE APPLICANT WILL ANCHOR THE MULCH WITH PLASTIC NETTING TO PREVENT WIND FROM MOVING THE MULCH OFF THE DISTURBED SOIL STABILIZE THE SOIL WITH EROSION CONTROL MIX -- THE CONTRACTOR WILL PLACE A MINIMUM TWO-INCH LAYER OF EROSION CONTROL MIX ON THE SOIL BY NOVEMBER 15. PRIOR TO PLACING THE EROSION CONTROL MIX, THE APPLICANT WILL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED SLOPE.

PROJECT SITE SUCH THAT ITS AND SEDIMENT CONTROL BMP MANUAL RGANIC MATERIAL. SEPARATED AT THE JMP GRINDINGS COMPOSTED BARK OR S. GROUND CONSTRUCTION DEBRIS OR HE ORGANIC COMPONENT OF THE MIX.

CONTOUR. ER MAY LIE NEARLY FLAT ALONG THE DER TO MINIMIZE THE POTENTIAL OF WASH RED ON THE UPHILL SIDE) AND 2 FEET TO ACCOMMODATE THE ADDITIONAL IS ILLUSTRATED ON THE DESIGN PLANS IN





EXCAVATE A 6"x 6" TRENCH ALONG THE LINE OF PLACEMENT FOR THE FILTER BARRIER UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH. DRIVE POSTS INTO THE GROUND UNTIL APPROXIMATELY 2" OF FABRIC IS LYING ON THE TRENCH BOTTOM. 4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH, BACKFILL THE TRENCH AND

TAMP THE SOIL. TOE-IN CAN ALSO BE ACCOMPLISHED BY LAYING THE FABRIC FLAP ON UNDISTURBED GROUND AND PILING AND TAMPING FILL AT THE BASE, BUT MUST BE ACCOMPANIED BY AN INTERCEPTION DITCH.

5 JOIN SECTION AS SHOWN ABOVE BARRIER SHALL BE MIRAFI SILT FENCE OR EQUAL.

THE FENCE SHOULD BE ANCHORED TO RESIST PULL-OUT AND BE STRETCHED TIGHTLY BETWEEN STAKES TO PREVENT SAGGING 8. IN AREAS WHERE FLAP CANNOT BE KEYED PROPERLY (DUE TO FROZEN GROUND, BEDROCK, STONY SOILS, ROOTS

NEAR A PROTECTED NATURAL RESOURCE, ETC.) THE SILT FENCE SHOULD BE ANCHORED WITH AGGREGATE, CRUSHED STONE, EROSION CONTROL MIX OR OTHER MATERIAL 9. FILTER BARRIER NEEDS TO BE REMOVED WHEN THE AREA IS STABILIZED.

FILTER BARRIER NOT TO SCALE

NSTALL A SOD LINING IN THE DITCH -- THE APPLICANT WILL LINE THE DITCH WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES THE PPLICANT PINNING THE SOD ONTO THE SOIL WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL, AND ANCHORING THE SOD WITH JUTE OR PLASTIC MESH TO PREVENT THE SOD STRIPS FROM SLOUGHING DURING NSTALL A STONE LINING IN THE DITCH --THE APPLICANT WILL LINE THE DITCH WITH STONE RIPRAP BY NOVEMBER 15. THE APPLICANT WILL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE AND LINING THICKNESS NEEDED TO WITHSTAND THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHIN STABILIZE THE SOIL WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS -- BY OCTOBER 1 THE APPLICANT WILL SEED THE DISTURBED SLOPE WITH WINTER RYE NCLUDES THE APPLICANT PINNING THE SOD ONTO THE SLOPE WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL.

WINTER EROSION CONTROL MEASURES THE WINTER CONSTRUCTION PERIOD IS FROM OCTOBER 1 THROUGH APRIL 15. IF THE CONSTRUCTION SITE IS NOT STABILIZED WITH PAVEMENT, A ROAD GRAVEL BASE, 75% MATURE VEGETATION COVER OR RIPRAP BY NOVEMBER 15 THEN THE SITE NEEDS TO BE PROTECTED WITH OVER-WINTER STABILIZATION. AN AREA CONSIDERED OPEN IS ANY AREA NOT STABILIZED WITH PAVEMENT VEGETATION MULCHING FROSION CONTROL MATS RIPRAP OR GRAVEL BASE ON A ROAD. LIMIT THE EXPOSED AREA TO THOSE AREAS IN WHICH WORK IS EXPECTED TO BE UNDER TAKEN DURING THE PROCEEDING 15 DAYS AND THAT CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT ALL AREAS SHALL BE CONSIDERED TO BE DENUDED UNTIL THE SUBBASE GRAVEL IS INSTALLED IN ROADWAY AREAS OR THE AREAS OF FUTURE LOAM AND SEED HAVE BEEN LOAMED, SEEDED AND MULCHED. HAY AND STRAW MULCH RATE SHALL BE A MINIMUM OF 150 LBS./1,000 S.F. (3 TONS/ACRE) AND SHALL BE PROPERLY ANCHORED. THE CONTRACTOR MUST INSTALL ANY ADDED MEASURES WHICH MAY BE NECESSARY TO CONTROL EROSION/SEDIMENTATION FROM THE SITE DEPENDENT UPON THE ACTUAL SITE AND WEATHER CONDITIONS. CONTINUATION OF EARTHWORK OPERATIONS ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED, IN ORDER TO MINIMIZE AREAS WITHOUT EROSION CONTROL PROTECTION. 1. SOIL STOCKPILES STOCKPILES OF SOIL OR SUBSOIL WILL BE MULCHED FOR OVER WINTER PROTECTION WITH HAY OR STRAW AT TWICE THE NORMAL RATE OR AT 150 LBS/1,000 S.F. (3 TONS PER ACRE) OR WITH A FOUR-INCH LAYER OF WOOD WASTE EROSION CONTROL MIX. THIS WILL BE DONE WITHIN 24 HOURS OF STOCKING AND RE-ESTABLISHED PRIOR TO ANY RAINFALL OR SNOWFALL. ANY SOIL STOCKPILE WILL NOT BE PLACED (EVEN COVERED WITH HAY OR STRAW) WITHIN 100 FEET FROM ANY NATURAL RESOURCES. 2. NATURAL RESOURCES PROTECTION ANY AREAS WITHIN 75 FEET FROM ANY NATURAL RESOURCES SHALL BE MULCHED BY DECEMBER 1 AND ANCHORED WITH PLASTIC NETTING OR PROTECTED WITH EROSION CONTROL MATS. DURING WINTER CONSTRUCTION, A DOUBLE LINE OF SEDIMENT BARRIERS (I.E. SILT FENCE BACKED WITH HAY BALES OR EROSION CONTROL MIX) WILL BE PLACED BETWEEN ANY NATURAL RESOURCE AND THE DISTURBED AREA. PROJECTS CROSSING THE NATURAL RESOURCE SHALL BE PROTECTED A MINIMUM DISTANCE OF 100 FEET ON EITHER SIDE FROM THE RESOURCE. EXISTING PROJECTS NOT STABILIZED BY DECEMBER 1 SHALL BE PROTECTED WITH THE SECOND LINE OF SEDIMENT BARRIER TO ENSURE FUNCTIONALITY DURING THE SPRING THAW AND RAINS. 3. SEDIMENT BARRIERS DURING FROZEN CONDITIONS, SEDIMENT BARRIERS SHALL CONSIST OF WOOD WASTE FILTER BERMS AS FROZEN SOIL PREVENTS THE PROPER INSTALLATION OF HAY BALES AND SEDIMENT SILT FENCES. 4. MULCHING ALL AREA SHALL BE CONSIDERED TO BE DENUDED UNTIL AREAS OF FUTURE LOAM AND SEED HAVE BEEN LOAMED. SEEDED AND MULCHED. HAY AND STRAW MULCH SHALL BE APPLIED AT A RATE OF 150 LB, PER 1 000 SQUARE FEET OR 3 TONS/ACRE (TWICE THE NORMAL ACCEPTED RATE OF 75-LBS /1 000 S F, OR 1.5 TONS/ACRE) AND SHALL BE PROPERLY ANCHORED. MULCH SHALL NOT BE SPREAD ON TOP OF SNOW. THE SNOW WILL BE REMOVED DOWN TO A ONE-INCH DEPTH OR LESS PRIOR TO APPLICATION. AFTER EACH DAY OF FINAL GRADING, THE AREA WILL BE PROPERLY STABILIZED WITH ANCHORED HAY OR STRAW OR EROSION CONTROL MATTING. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR HAY AT A RATE OF 150 LB. PER 1.000 SQUARE FEET (3TONS/ACRE) AND ADEQUATELY ANCHORED THAT GROUND SURFACE IS NOT VISIBLE THOUGH THE MULCH. BETWEEN THE DATES OF SEPTEMBER 1 AND APRIL 15, ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING, ASPHALT EMULSION CHEMICAL, TRACK OR WOOD CELLULOSE FIBER. WHEN GROUND SURFACE IS NOT VISIBLE THOUGH THE MULCH THEN COVER IS SUFFICIENT. AFTER NOVEMBER 1ST, MULCH AND ANCHORING OF ALL BARE SOIL SHALL OCCUR AT THE END OF EACH FINAL GRADING WORK DAY. 5. MULCHING ON SLOPES AND DITCHES SLOPES SHALL NOT BE LEFT EXPOSED FOR ANY EXTENDED TIME OF WORK SUSPENSION UNLESS FULLY MULCHED AND ANCHORED WITH PEG AND NETTING OR WITH EROSION CONTROL BLANKETS. MULCHING SHALL BE APPLIED AT A RATE OF 230 LBS/1.000 S.F. ON ALL SLOPES GREATER THAN 8%. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPES EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 5%. EROSION CONTROL BLANKETS SHALL BE USED IN LIEU OF MULCH IN ALL DRAINAGE WAYS WITH SLOPES 8%. EROSION CONTROL MIX CAN BE USED TO SUBSTITUTE EROSION CONTROL BLANKETS ON ALL SLOPES EXCEPT DITCHES. 6. SEEDING BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES FINISHED AREAS SHALL BE FINE GRADED AND FITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOOMED. FINAL GRADED WITH A UNIFORM SURFACE. THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 3 TIMES HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED. DORMANT SEEDING MAY BE SELECTED TO BE PLACED PRIOR TO THE PLACEMENT OF MULCH AND FABRIC NETTING ANCHORED WITH STAPLES. IF DORMANT SEEDING IS USED FOR THE SITE, ALL DISTURBED AREAS SHALL RECEIVE 4' OF LOAM AND SEED AT AN APPLICATION RATE OF 51 BS/1000 S.F. ALL AREAS SEEDED DURING THE WINTER WILL BE INSPECTED IN THE SPRING FOR ADEQUATE CATCH ALL AREAS SUFFICIENTLY VEGETATED (LESS THAN 75% CATCH) SHALL BE REVEGETATED BY REPLACING LOAM, SEED AND MULCH. IF DORMANT SEEDING IS NOT USED FOR THE SITE ALL DISTURBED AREAS SHALL BE REVEGETATED IN THE SPRING. SEED TYPE SHALL BE WINTER RYE. 7. INSPECTION AND MONITORING MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION SEASON. AT A MINIMUM, AFTER EACH RAINFALL, SNOW STORM OR PERIOD OF THAWING AND RUNOFF, AND AT LEAST EVERY SEVEN (7) DAYS, THE SITE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES AND PERFORM REPAIRS AS NEEDED TO INSURE THEIR CONTINUOUS FUNCTION. FOLLOWING THE TEMPORARY AND OR FINAL SEEDING AND MULCHING, THE CONTRACTOR SHALL IN THE SPRING INSPECT AND REPAIR ANY DAMAGES AND/ OR UNESTABLISHED SPOTS. ESTABLISHED VEGETATIVE COVER MEANS A MINIMUM OF 90% OF AREAS VEGETATED WITH VIGOROUS GROWTH. STANDARDS FOR TIMELY STABILIZATION OF CONSTRUCTION SITES DURING WINTER 1. STANDARD FOR THE TIMELY STABILIZATION OF DITCHES AND CHANNELS -- THE APPLICANT WILL CONSTRUCT AND STABILIZE ALL STONE-LINED DITCHES AND CHANNELS ON THE SITE BY NOVEMBER 15. THE APPLICANT WILL CONSTRUCT AND STABILIZE ALL GRASS-LINED DITCHES AND CHANNELS ON THE SITE BY SEPTEMBER 15. IF THE APPLICANT FAILS TO STABILIZE A DITCH OR CHANNEL TO BE GRASS-LINED BY SEPTEMBER 15, THEN THE APPLICANT WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE DITCH FOR LATE FALL AND WINTER. THE DITCH. IF NECESSARY, THE APPLICANT WILL REGRADE THE DITCH PRIOR TO PLACING THE STONE LINING SO TO PREVENT THE STONE LINING FROM REDUCING THE DITCH'S CROSS-SECTIONAL AREA. 2. STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SLOPES -- THE APPLICANT WILL CONSTRUCT AND STABILIZE STONE-COVERED SLOPES BY NOVEMBER 15. THE APPLICANT WILL SEED AND MULCH ALL SLOPES TO BE VEGETATED BY SEPTEMBER 15. THE DEPARTMENT WILL CONSIDER ANY AREA HAVING A GRADE GREATER THAN 15% (10H:1V) TO BE A SLOPE. IF THE APPLICANT FAILS TO STABILIZE ANY SLOPE TO BE VEGETATED BY SEPTEMBER 15, THEN THE APPLICANT WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SLOPE FOR LATE FALL AND WINTER. AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET AND APPLY EROSION CONTROL MATS OVER THE MULCHED SLOPE. THE APPLICANT WILL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR COVER AT LEAST 75% OF THE DISTURBED SLOPE BY NOVEMBER 1. THEN THE APPLICANT WILL COVER THE SLOPE WITH A LAYER OF WOOD WASTE COMPOST AS DESCRIBED IN ITEM III OF THIS CONDITION OR WITH STONE RIPRAP AS DESCRIBED IN ITEM IV OF THIS CONDITION. STABILIZE THE SLOPE WITH SOD -- THE APPLICANT WILL STABILIZE THE DISTURBED SLOPE WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION

AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL. THE APPLICANT WILL NOT USE LATE-SEASON SOD INSTALLATION TO STABILIZE SLOPES HAVING A GRADE GREATER THAN 33% (3H:1V) STABILIZE THE SLOPE WITH WOOD WASTE COMPOST -- THE APPLICANT WILL PLACE A SIX-INCH LAYER OF WOOD WASTE COMPOST ON THE SLOPE BY NOVEMBER 15. PRIOR O PLACING THE WOOD WASTE COMPOST, THE APPLICANT WILL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED SLOPE. THE APPLICANT WILL NOT USE WOOD WASTE COMPOST TO STABILIZE SLOPES HAVING GRADES GREATER THAN 50% (2H:1V) OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE. STABILIZE THE SLOPE WITH STONE RIPRAP -- THE APPLICANT WILL PLACE A LAYER OF STONE RIPRAP ON THE SLOPE BY NOVEMBER 15. THE APPLICANT WILL HIRE A EGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY AND TO DESIGN A FILTER LAYER FOR UNDERNEATH THE RIPRAP. 3. STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SOILS -- BY SEPTEMBER 15 THE APPLICANT WILL SEED AND MULCH ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15%. IF THE APPLICANT FAILS TO STABILIZE THESE SOILS BY THIS DATE, THEN THE APPLICANT WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SOIL FOR LATE FALL AND WINTER TABILIZE THE SOIL WITH TEMPORARY VEGETATION -- BY OCTOBER 1 THE APPLICANT WILL SEED THE DISTURBED SOIL WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS ER 1000 SQUARE FEET, LIGHTLY MULCH THE SEEDED SOIL WITH HAY OR STRAW AT 75 POUNDS PER 1000 SQUARE FEET, AND ANCHOR THE MULCH WITH PLASTIC NETTING. THE APPLICANT WILL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS GROW AT LEAST THREE INCHES OR COVER AT LEAST 75% OF THE DISTURBED SOIL BEFORE NOVEMBER 15, THEN THE APPLICANT WILL MULCH THE AREA FOR OVER-WINTER PROTECTION AS DESCRIBED IN ITEM III OF THIS STANDARD.

STABILIZE THE SOIL WITH SOD -- THE APPLICANT WILL STABILIZE THE DISTURBED SOIL WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES E APPLICANT PINNING THE SOD ONTO THE SOIL WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL.

WIND FROM MOVING THE MULCH OFF THE DISTURBED SOIL.

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STABILIZE THE SOIL WITH MULCH -- BY NOVEMBER 15 THE APPLICANT WILL MULCH THE DISTURBED SOIL BY SPREADING HAY OR STRAW AT A RATE OF AT LEAST 150 POUNDS PER 1000 SQUARE FEET ON THE AREA SO THAT NO SOIL IS VISIBLE THROUGH THE MULCH. PRIOR TO APPLYING THE MULCH. THE APPLICANT WILL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED AREA. IMMEDIATELY AFTER APPLYING THE MULCH, THE APPLICANT WILL ANCHOR THE MULCH WITH PLASTIC NETTING TO PREVENT

HOUSEKEEPING

THE FOLLOWING GENERAL PERFORMANCE STANDARDS APPLY TO THE PROPOSED PROJECT. SPILL PREVENTION Α. CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM CONSTRUCTION AND WASTE MATERIALS STORED ON SITE TO ENTER STORMWATER, WHICH INCLUDES STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER. THE SITE CONTRACTOR OR OPERATOR MUST DEVELOP, AND IMPLEMENT AS NECESSARY, APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND

RESPONSE PLANNING MEASURES.

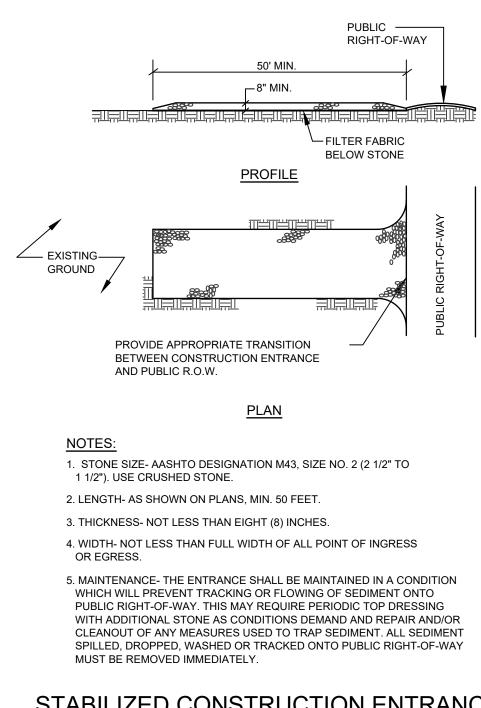
- GROUNDWATER PROTECTION: В. DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOILS. TOPOGRAPHY AND OTHER RELEVANT FACTORS ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL, DIKES, BERMS, SUMPS, AND OTHER FORMS OF SECONDARY CONTAINMENT THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS. ANY PROJECT PROPOSING INFILTRATION OF STORMWATER MUST PROVIDE ADEQUATE PRE-TREATMENT OF STORMWATER PRIOR TO DISCHARGE OF STORMWATER TO THE INFILTRATION AREA, OR PROVIDE FOR TREATMENT WITHIN THE INFILTRATION AREA, IN ORDER TO PREVENT THE ACCUMULATION OF FINES, REDUCTION IN INFILTRATION RATE, AND CONSEQUENT FLOODING AND DESTABILIZATION.
- FUGITIVE SEDIMENT AND DUST: ACTIONS MUST BE TAKEN TO ENSURE THAT ACTIVITIES DO NOT RESULT IN NOTICEABLE EROSION OF SOILS OR FUGITIVE DUST EMISSIONS DURING OR AFTER CONSTRUCTION. OIL MAY NOT BE USED FOR DUST CONTROL BUT OTHER WATER ADDITIVES MAY BE CONSIDERED AS NEEDED A STABILIZED CONSTRUCTION ENTRANCE (SCE) SHOULD BE INCLUDED TO MINIMIZE TRACKING OF MUD AND SEDIMENT. IF OFF-SITE TRACKING OCCURS, PUBLIC ROADS SHOULD BE SWEPT IMMEDIATELY AND NO LESS THAN ONCE A WEEK AND PRIOR TO SIGNIFICANT STORM EVENTS. OPERATIONS DURING DRY MONTHS, THAT EXPERIENCE FUGITIVE DUST PROBLEMS, SHOULD WET DOWN UNPAVED ACCESS ROADS ONCE A WEEK OR MORE FREQUENTLY AS NEEDED WITH A WATER ADDITIVE TO SUPPRESS FUGITIVE SEDIMENT AND DUST.
- DEBRIS AND OTHER MATERIALS: MINIMIZE THE EXPOSURE OF CONSTRUCTION DEBRIS, BUILDING AND LANDSCAPING MATERIALS. TRASH FERTILIZERS PESTICIDES HERBICIDES DETERGENTS SANITARY WASTE AND OTHER MATERIALS TO PRECIPITATION AND STORMWATER RUNOFF. THESE MATERIALS MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
- EXCAVATION DE-WATERING EXCAVATION DE-WATERING IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFER DAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. IN MOST CASES THE COLLECTED WATER IS HEAVILY SILTED AND HINDERS CORRECT AND SAFE CONSTRUCTION PRACTICES. THE COLLECTED WATER REMOVED FROM THE PONDED AREA EITHER THROUGH GRAVITY OR PUMPING, MUST BE SPREAD THROUGH NATURAL WOODED BUFFERS OR REMOVED TO AREAS THAT ARE SPECIFICALLY DESIGNED TO COLLECT THE MAXIMUM AMOUNT OF SEDIMENT POSSIBLE, LIKE A COFFERDAM SEDIMENTATION BASIN. AVOID ALLOWING THE WATER TO FLOW OVER DISTURBED AREAS OF THE SITE. EQUIVALENT MEASURES MAY BE TAKEN IF APPROVED BY THE DEPARTMENT
- AUTHORIZED NON-STORMWATER DISCHARGES: IDENTIFY AND PREVENT CONTAMINATION BY NON-STORMWATER DISCHARGES. WHERE ALLOWED NON-STORMWATER DISCHARGES EXIST. THEY MUST BE IDENTIFIED AND STEPS SHOULD BE TAKEN TO ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE. AUTHORIZED NON-STORMWATER DISCHARGES ARE: DISCHARGES FROM FIREFIGHTING ACTIVITY; FIRE HYDRANT FLUSHINGS; VEHICLE WASHWATER IF DETERGENTS ARE NOT USED AND WASHING IS LIMITED TO THE EXTERIOR OF VEHICLES (ENGINE, UNDERCARRIAGE AND TRANSMISSION WASHING IS PROHIBITED); DUST CONTROL RUNOFF IN ACCORDANCE WITH PERMIT CONDITIONS; ROUTINE EXTERNAL BUILDING WASHDOWN, NOT INCLUDING SURFACE PAINT REMOVAL THAT DOES NOT INVOLVE DETERGENTS: PAVEMENT WASHWATER (WHERE SPILLS/LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED. UNLESS ALL SPILLED MATERIAL HAD BEEN REMOVED) IF DETERGENTS ARE NOT USED; UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE; UNCONTAMINATED GROUNDWATER OR SPRING WATER FOUNDATION OR FOOTER DRAIN-WATER WHERE FLOWS ARE NOT CONTAMINATED UNCONTAMINATED EXCAVATION DEWATERING; POTABLE WATER SOURCES INCLUDING WATERLINE
- FLUSHINGS; LANDSCAPE IRRIGATION; UNAUTHORIZED NON-STORMWATER DISCHARGES: THE DEP DOES NOT AUTHORIZE A DISCHARGE THAT IS MIXED WITH A SOURCE OF NON STORMWATER. SPECIFICALLY, THE DEPARTMENT'S APPROVAL DOES NOT AUTHORIZE DISCHARGES OF THE FOLLOWING:WASTEWATER FROM THE WASHOUT OR CLEANOUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS OR OTHER CONSTRUCTION MATERIALS; FUELS, OILS OR OTHER POLI UTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE. SOAPS, SOI VENTS OR DETERGENTS USED IN VEHICLE AND EQUIPMENT WASHING; TOXIC OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE

CONSTRUCTION SCHEDULE

- SITE IMPROVEMENTS WILL MOST LIKELY BEGIN IN 2020, DEPENDING UPON FINAL PROJECT APPROVAL. THE FOLLOWING SCHEDULE IS ANTICIPATED ESTIMATED CONSTRUCTION TIME 15 MONTHS
- EROSION CONTROL MEASURES PLACED SITE CLEARING AND GRUBBING
- CONSTRUCTION OF ROAD SUBBASE FOR ACCESS STORMWATER MANAGEMENT AREA CONSTRUCTION UTILITY IMPROVEMENTS AND ROADWAY CONSTRUCTION
- MULCH SPREAD FOR EROSION CONTROL START FINAL SEEDING ON PREPARED AREAS (DURING GROWING SEASON)
- BIWEEKLY MONITORING OF VEGETATIVE GROWTH RE-SEEDING OF AREAS, IF NEEDED REMOVAL OF EROSION CONTROL DEVICES

* DATES ARE SUBJECT TO CHANGE AT THE DISCRETION OF THE ENGINEER, DEPENDING ON CONSTRUCTION PROGRESS.

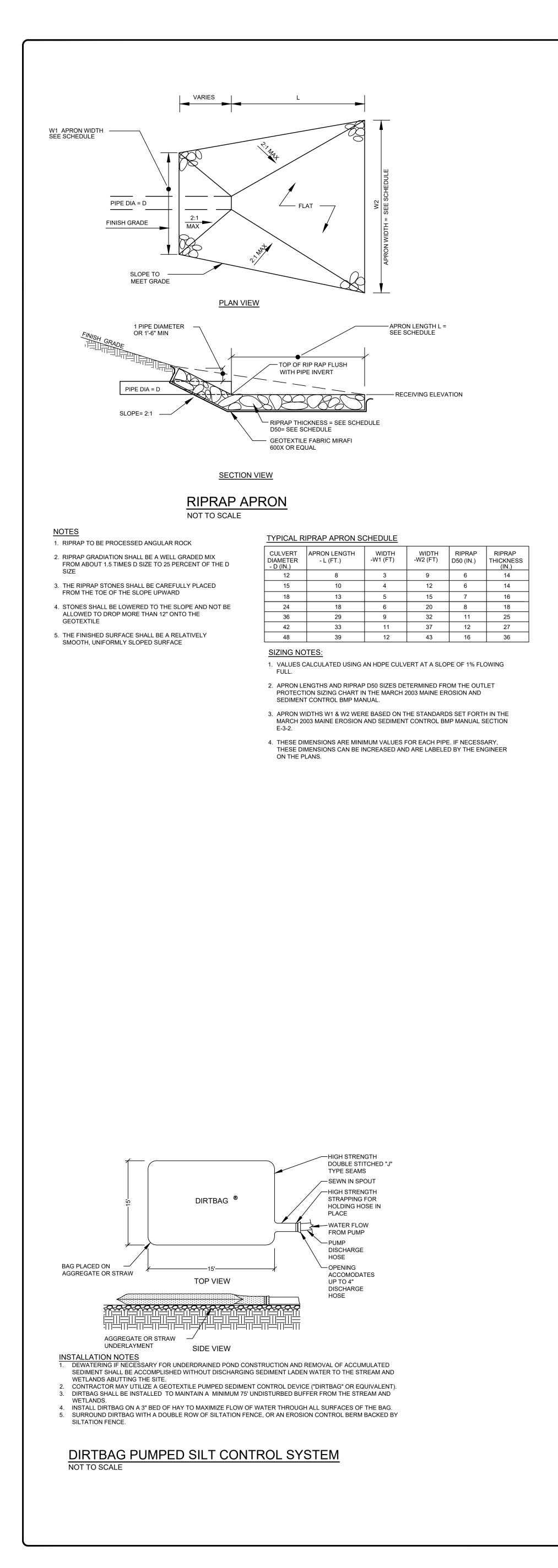
WEEK 1 - WEEK 2 WEEK 2 - WEEK 5 WEEK 5 - WEEK 13 WEEK 7 - WEEK 9 WEEK 7 - WEEK 24 WFFK 8 WEEK 10 **WEEK 10** UPON FINAL PROJECT COMPLETION

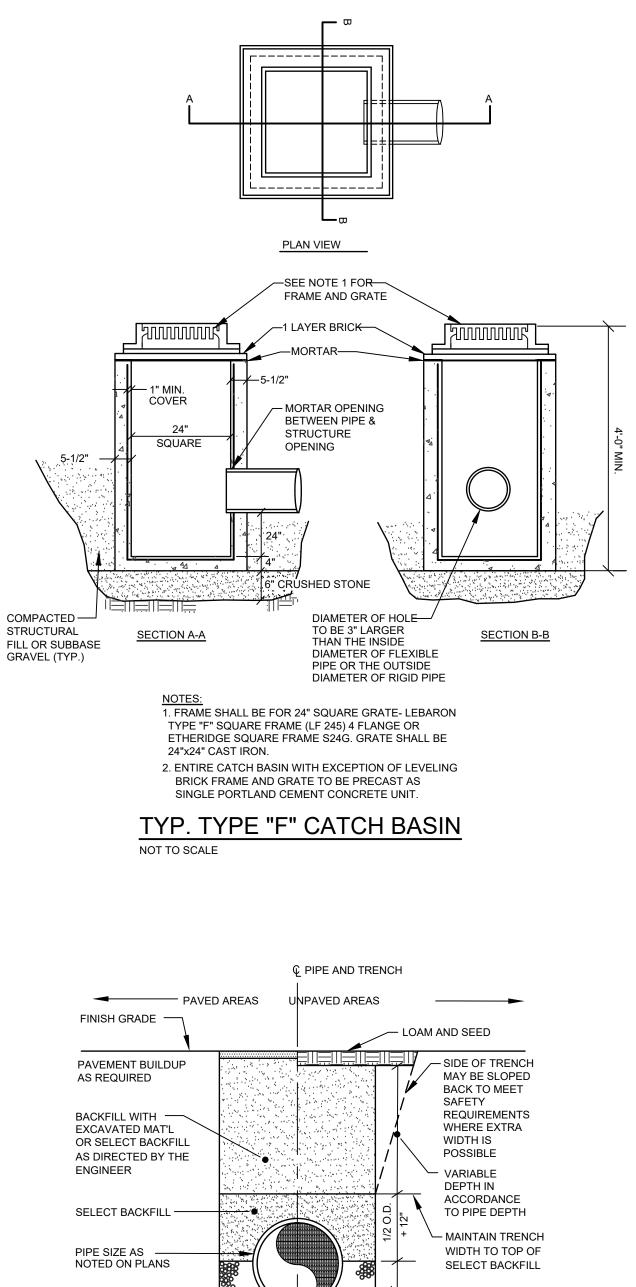


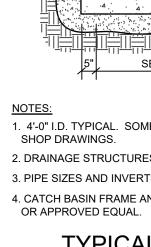


OCTOBER 15TH OF CONSTRUCTION YEAR

 $11/12/20^{-1}$ 11/12/2019  $\mathbf{O}$ DESIGNED DMD DRAWN SRC CHECKED DLR DATE 11/12/19 SCALE NTS PROJECT 18347 SHEET**14**OF



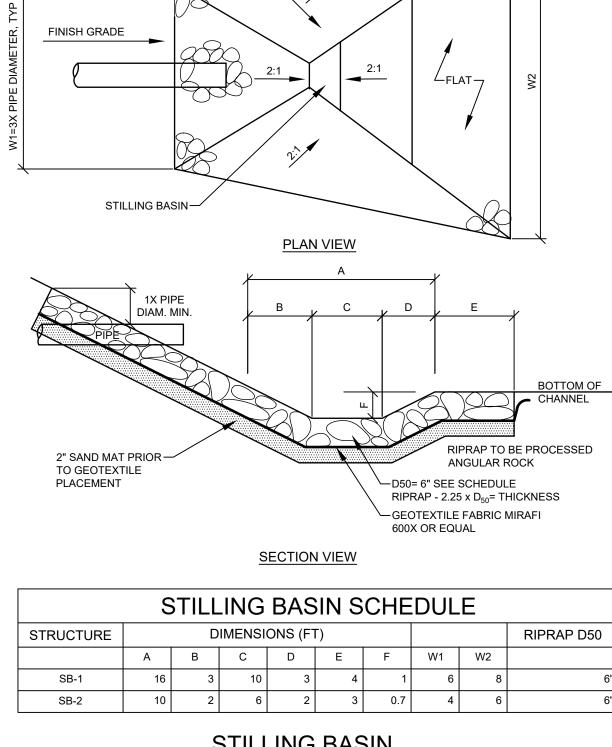


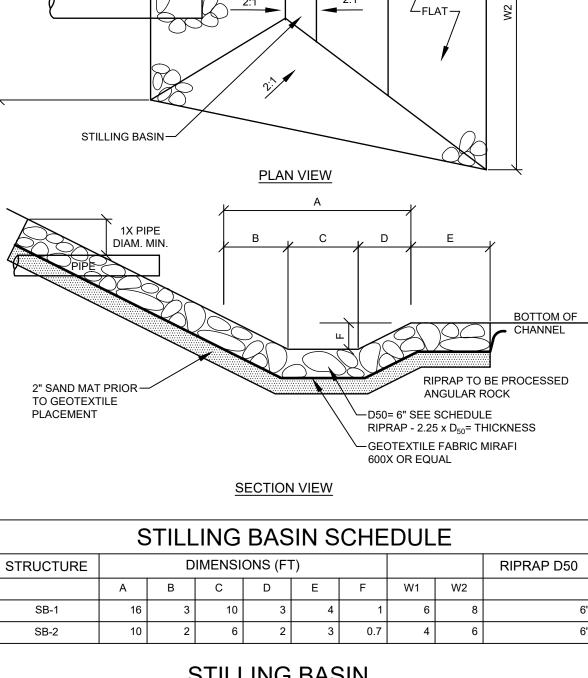


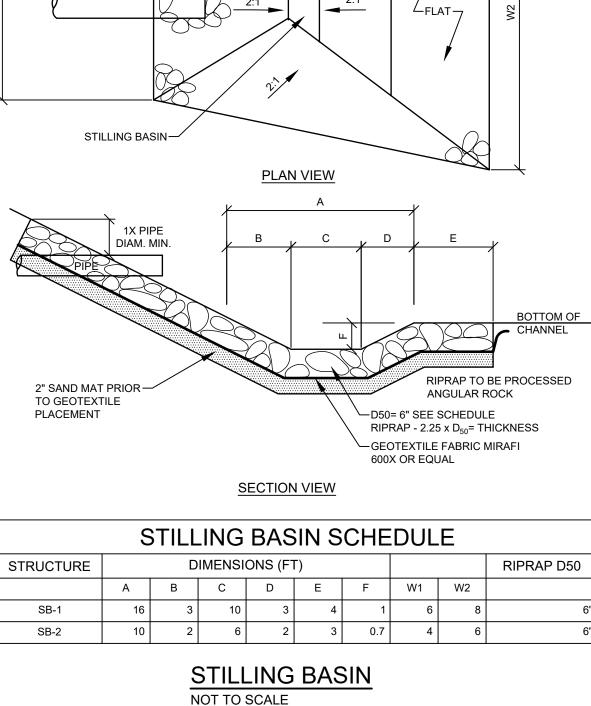
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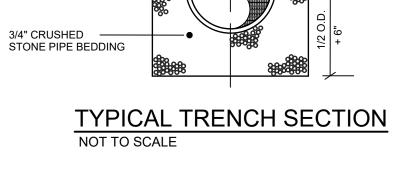
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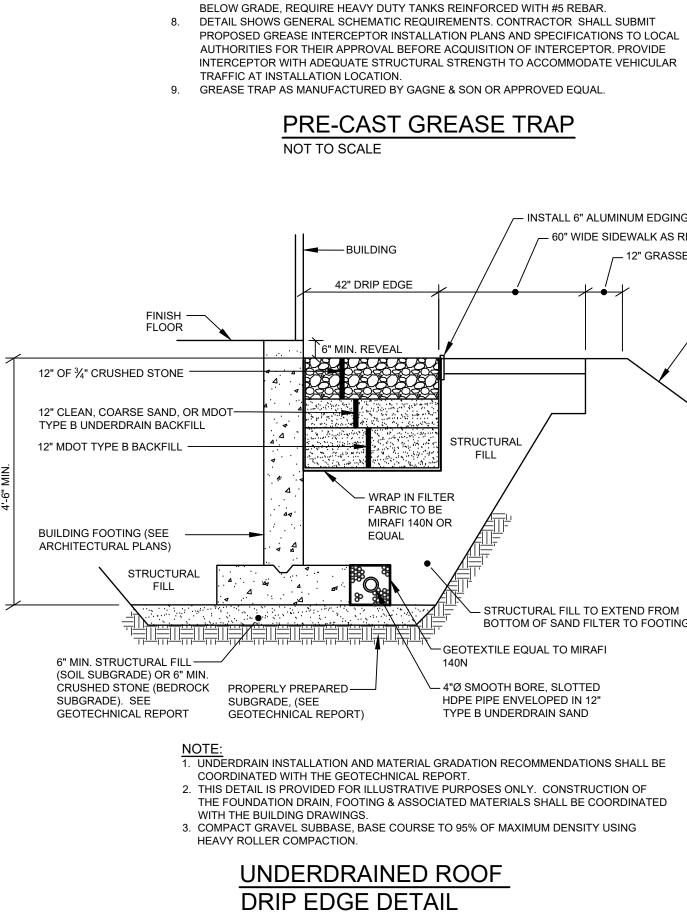
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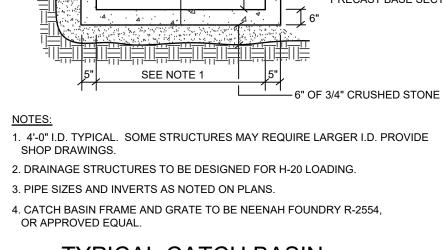


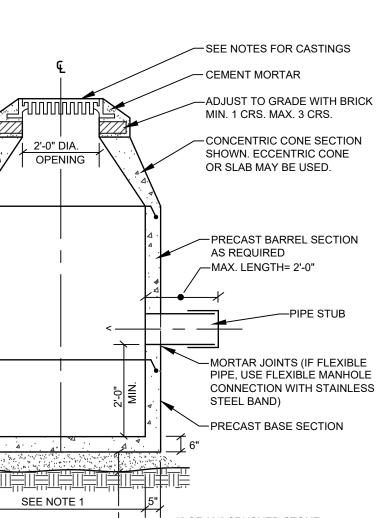






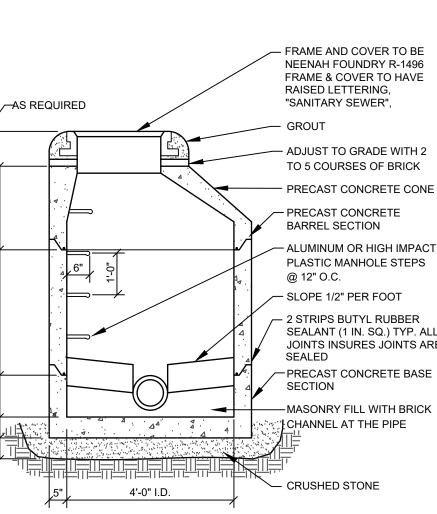
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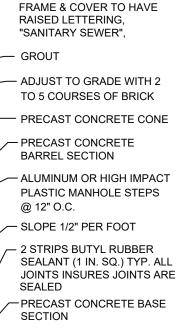


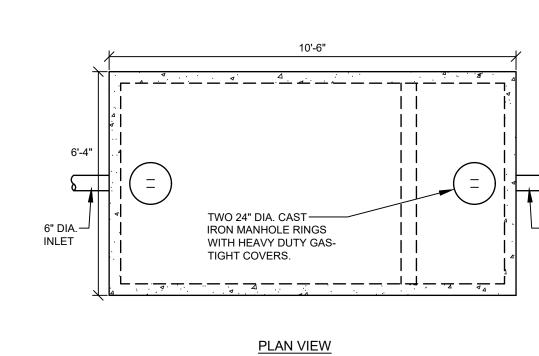


## PRECAST MANHOLE NOT TO SCALE

NOTE: PIPE CONNECTIONS SHALL BE WATERTIGHT FLEXIBLE BOOT CONNECTORS PROVIDES LEAKPROOF CONNECTION







SLOPE PAVEMENT OR GRADE

AWAY FROM MANHOLES

LIQUID LEVEL —

<u>↓ ↓ ↓ ↓ ↓</u>

750 LB.

CAPACITY LENGTH WIDTH HEIGHT INLET

8'-6" 4'-10" 4'-1" 3'-2"

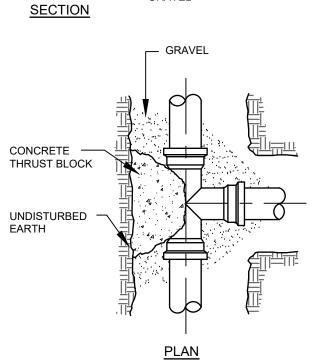
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ADJUSTMENT RINGS

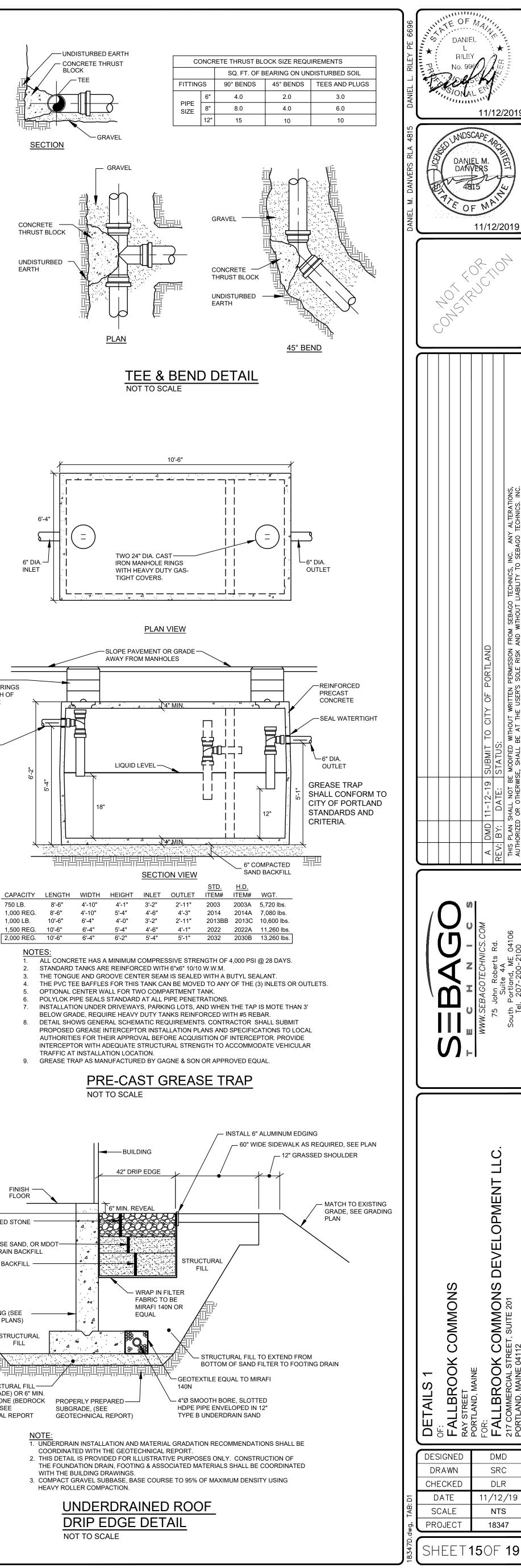
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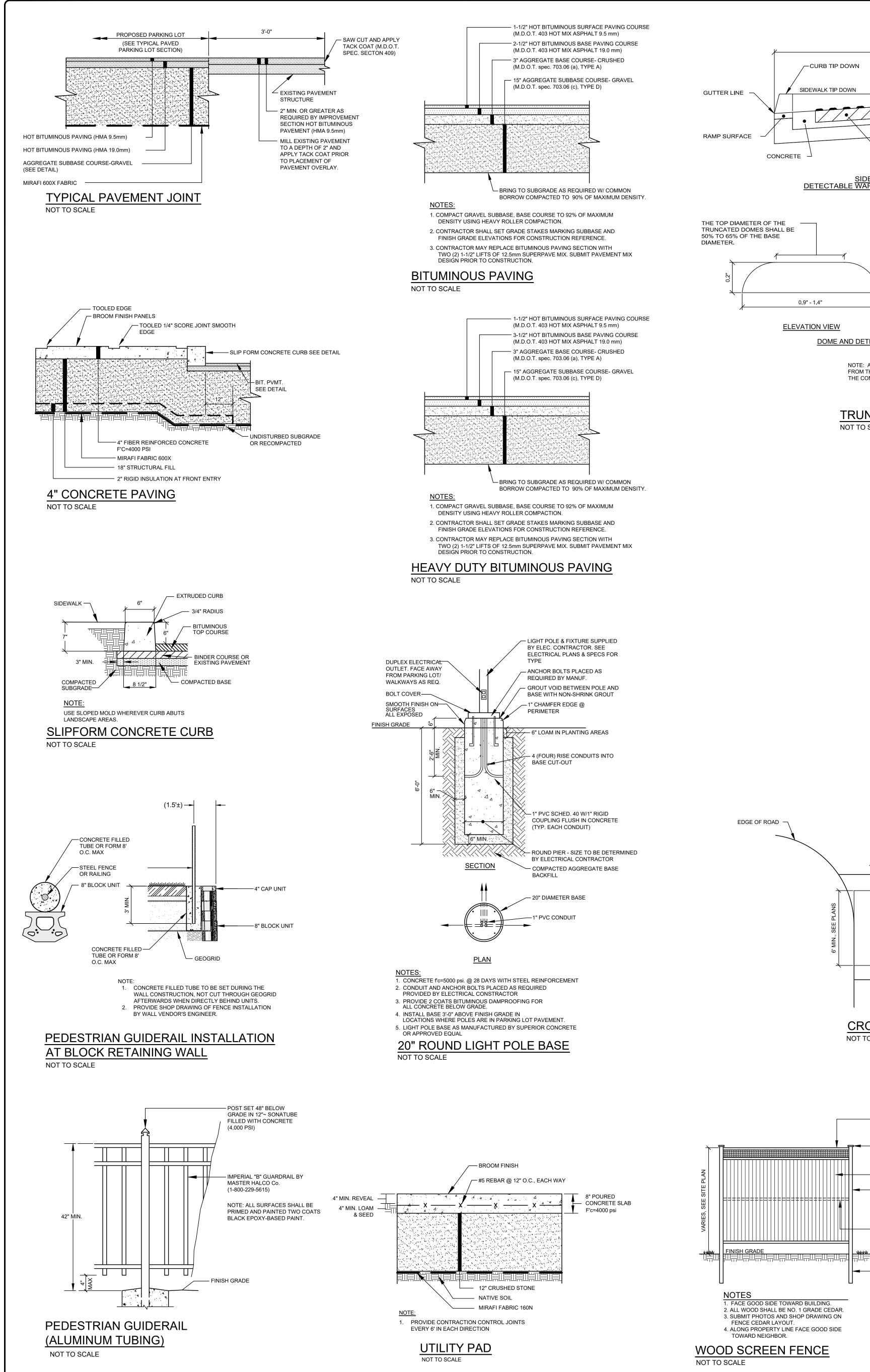
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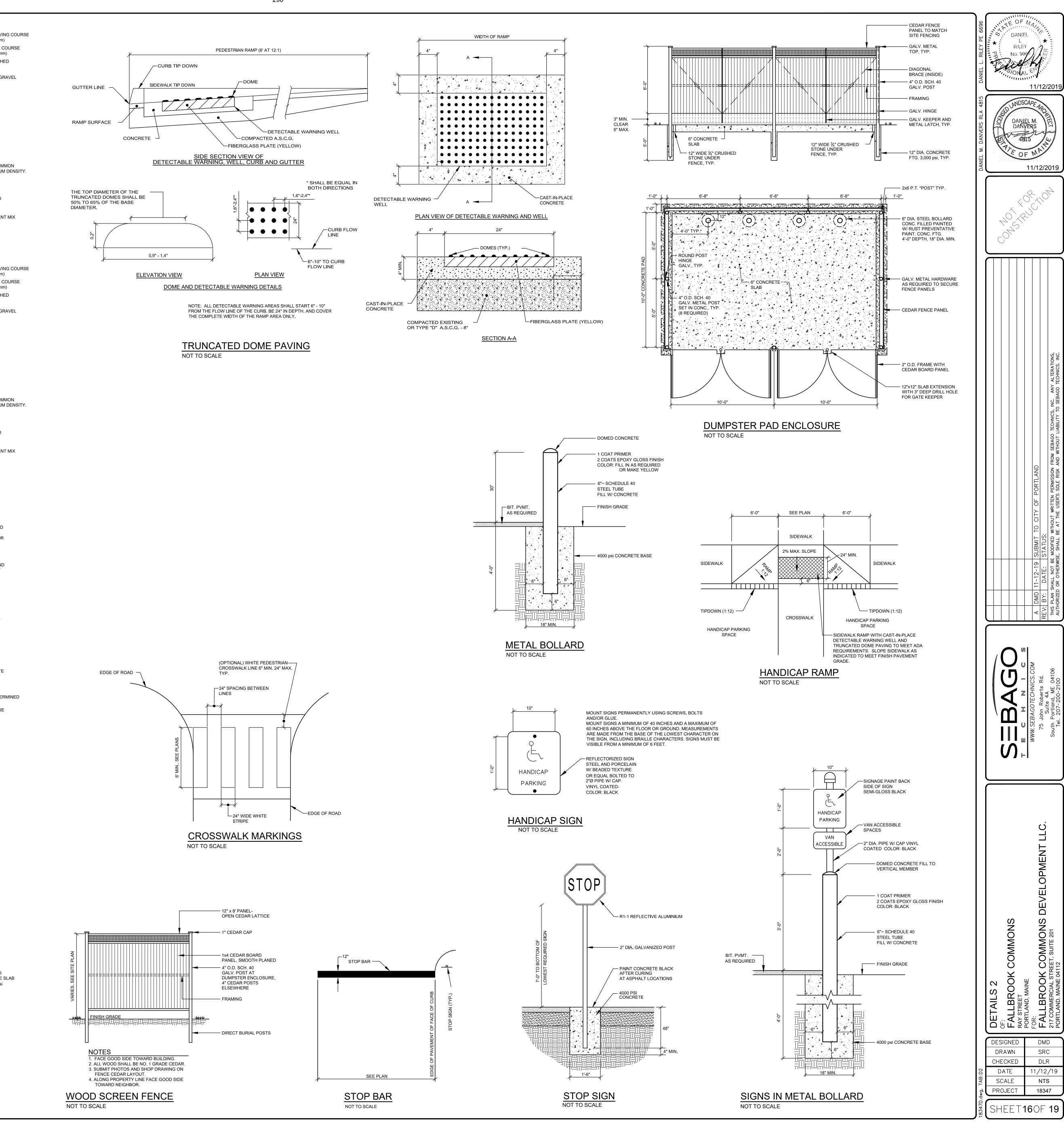
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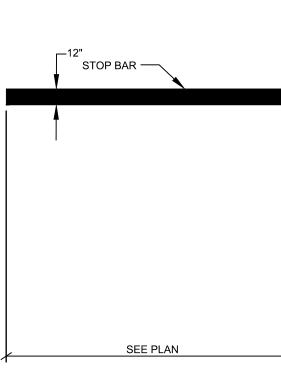
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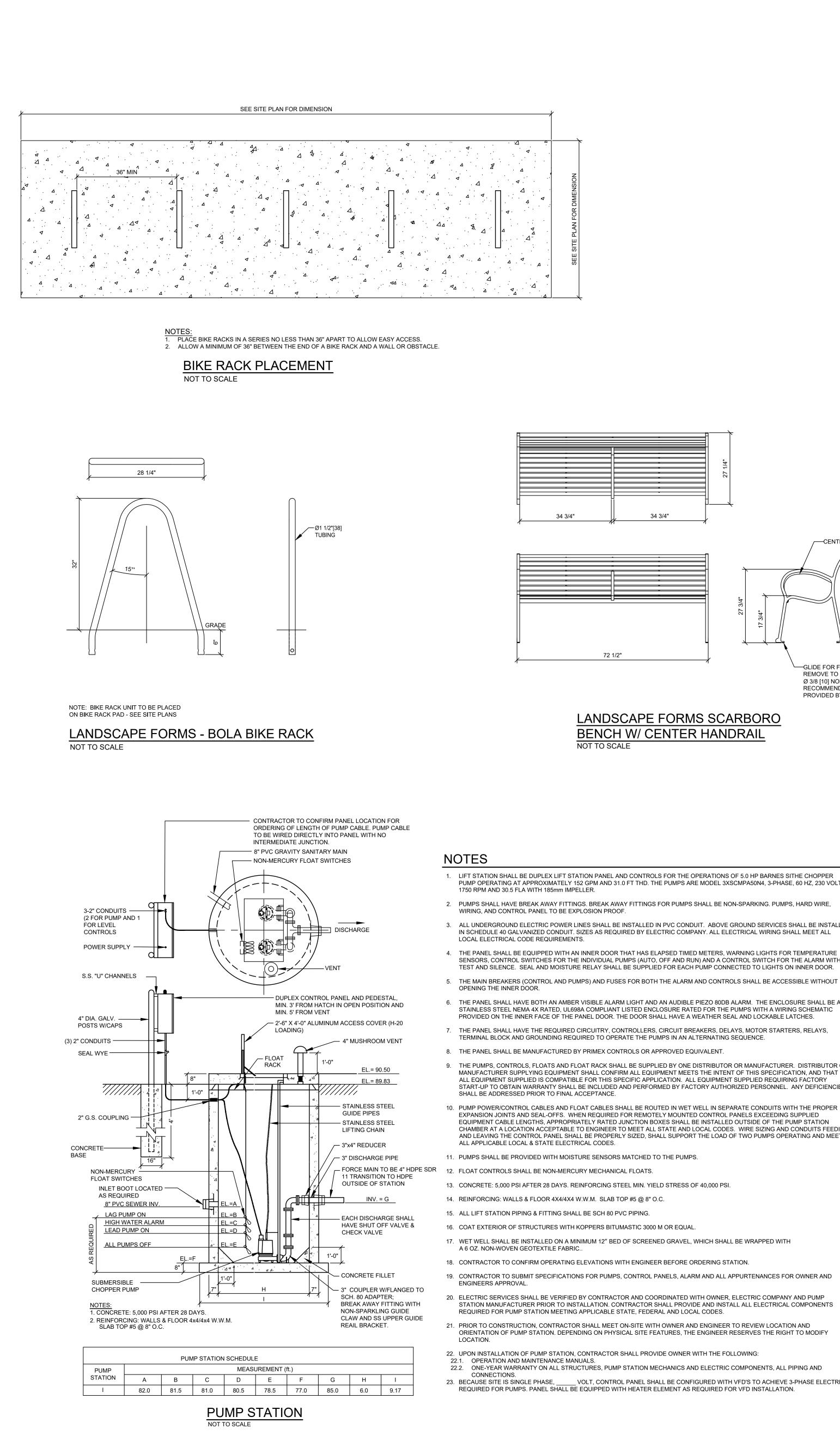
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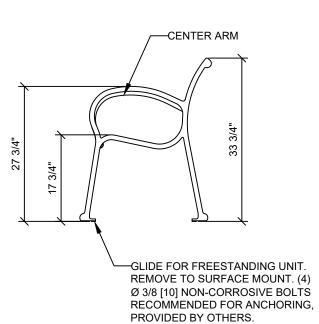












## LANDSCAPE FORMS SCARBORO

1. LIFT STATION SHALL BE DUPLEX LIFT STATION PANEL AND CONTROLS FOR THE OPERATIONS OF 5.0 HP BARNES SITHE CHOPPER PUMP OPERATING AT APPROXIMATELY 152 GPM AND 31.0 FT THD. THE PUMPS ARE MODEL 3XSCMPA50N4, 3-PHASE, 60 HZ, 230 VOLT,

3. ALL UNDERGROUND ELECTRIC POWER LINES SHALL BE INSTALLED IN PVC CONDUIT. ABOVE GROUND SERVICES SHALL BE INSTALLED

4. THE PANEL SHALL BE EQUIPPED WITH AN INNER DOOR THAT HAS ELAPSED TIMED METERS, WARNING LIGHTS FOR TEMPERATURE SENSORS, CONTROL SWITCHES FOR THE INDIVIDUAL PUMPS (AUTO, OFF AND RUN) AND A CONTROL SWITCH FOR THE ALARM WITH TEST AND SILENCE. SEAL AND MOISTURE RELAY SHALL BE SUPPLIED FOR EACH PUMP CONNECTED TO LIGHTS ON INNER DOOR.

6. THE PANEL SHALL HAVE BOTH AN AMBER VISIBLE ALARM LIGHT AND AN AUDIBLE PIEZO 80DB ALARM. THE ENCLOSURE SHALL BE A STAINLESS STEEL NEMA 4X RATED, UL698A COMPLIANT LISTED ENCLOSURE RATED FOR THE PUMPS WITH A WIRING SCHEMATIC PROVIDED ON THE INNER FACE OF THE PANEL DOOR. THE DOOR SHALL HAVE A WEATHER SEAL AND LOCKABLE LATCHES. 7. THE PANEL SHALL HAVE THE REQUIRED CIRCUITRY, CONTROLLERS, CIRCUIT BREAKERS, DELAYS, MOTOR STARTERS, RELAYS,

THE PUMPS, CONTROLS, FLOATS AND FLOAT RACK SHALL BE SUPPLIED BY ONE DISTRIBUTOR OR MANUFACTURER, DISTRIBUTOR OR MANUFACTURER SUPPLYING EQUIPMENT SHALL CONFIRM ALL EQUIPMENT MEETS THE INTENT OF THIS SPECIFICATION. AND THAT ALL EQUIPMENT SUPPLIED IS COMPATIBLE FOR THIS SPECIFIC APPLICATION. ALL EQUIPMENT SUPPLIED REQUIRING FACTORY START-UP TO OBTAIN WARRANTY SHALL BE INCLUDED AND PERFORMED BY FACTORY AUTHORIZED PERSONNEL. ANY DEFICIENCIES

EXPANSION JOINTS AND SEAL-OFFS. WHEN REQUIRED FOR REMOTELY MOUNTED CONTROL PANELS EXCEEDING SUPPLIED EQUIPMENT CABLE LENGTHS, APPROPRIATELY RATED JUNCTION BOXES SHALL BE INSTALLED OUTSIDE OF THE PUMP STATION CHAMBER AT A LOCATION ACCEPTABLE TO ENGINEER TO MEET ALL STATE AND LOCAL CODES. WIRE SIZING AND CONDUITS FEEDING AND LEAVING THE CONTROL PANEL SHALL BE PROPERLY SIZED, SHALL SUPPORT THE LOAD OF TWO PUMPS OPERATING AND MEET

20. ELECTRIC SERVICES SHALL BE VERIFIED BY CONTRACTOR AND COORDINATED WITH OWNER, ELECTRIC COMPANY AND PUMP STATION MANUFACTURER PRIOR TO INSTALLATION. CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL COMPONENTS

ORIENTATION OF PUMP STATION. DEPENDING ON PHYSICAL SITE FEATURES, THE ENGINEER RESERVES THE RIGHT TO MODIFY

22.2. ONE-YEAR WARRANTY ON ALL STRUCTURES, PUMP STATION MECHANICS AND ELECTRIC COMPONENTS, ALL PIPING AND 23. BECAUSE SITE IS SINGLE PHASE, VOLT, CONTROL PANEL SHALL BE CONFIGURED WITH VFD'S TO ACHIEVE 3-PHASE ELECTRIC



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- TRE

4'-0"

2"x2"x4' WOOD STAKE -2x2x4' CROSS MEMBER

-2-2\ DRYWALL SCREWS

INSTALL STAKES AND GUYS TO TREES IF THE FOLLOWING APPLY:

4. IF STAKES AND GUYS ARE REQUIRED, REMOVE AFTER ONE YEAR TIME.

2. THE PLANTING LOCATION IS EXTREMELY WINDY, AS ON OPEN UNDEVELOPED SITES.

3. THE PLANTING LOCATION IS COMPRISED OF SAND OR OTHER LOOSE TEXTURED SOILS.

1. THE TREE IS OF SUBSTANTIAL SIZE.

EVERGREEN TREES

NOT TO SCALE

-REMOVE ALL LABELS, TAGS OR OTHER FOREIGN

MATERIAL FROM LIMBS

-CINCH TIE TREE

-DO NOT MULCH

ROOT FLARE

-EARTH SAUCER

FINISH GRADE

-REMOVE ALL

ROOT BALL

METAL OR ROPE

**BINDINGS & WRAP** 

FROM TOP 1/3 OF

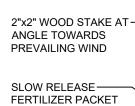
-BALL WITH BACKFILL

MIXTURE AS SPECIFIED

2X THE DIAMETER OF ROOT

DIRECTLY AGAINST

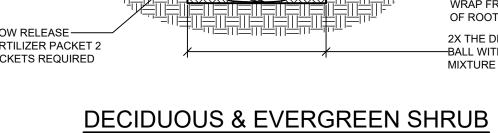
-HOSE



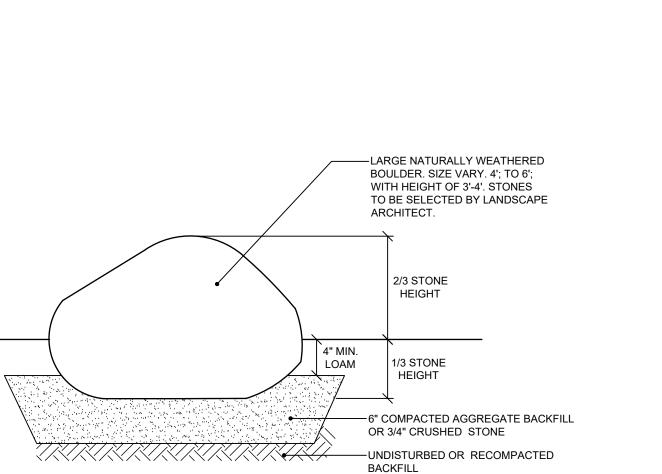
6-8" DEPTH 3 PACKETS REQUIRED

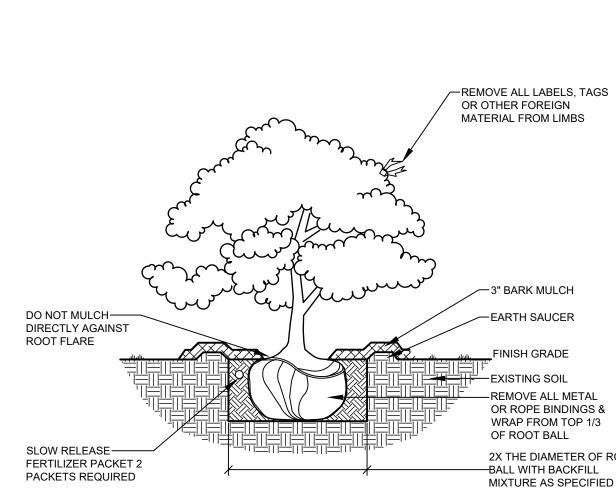
ALT. TREE STAKING: (2) 2 1/2" DRYWALL-SCREWS CROSS MEMBER 2"x2"x4' WOOD STAKE-----WITH LONG TAPER MIN.





NOT TO SCALE





DECIDUOUS TREES

- 4. IF STAKES AND GUYS ARE REQUIRED, REMOVE AFTER ONE YEAR TIME.
- UNDEVELOPED SITES. 3. THE PLANTING LOCATION IS COMPRISED OF SAND OR OTHER LOOSE TEXTURED SOILS.
- NOTES: INSTALL STAKES AND GUYS TO TREES IF THE FOLLOWING APPLY: 1. THE TREE IS OF SUBSTANTIAL SIZE. 2. THE PLANTING LOCATION IS EXTREMELY WINDY, AS ON OPEN
- -DO NOT SLOW RELEASE MULCH FERTILIZER PACKET 6-8" DIRECTLY DEPTH 3 PACKETS AGAINST REQUIRED ROOT FLARE -FINISH GRADE ALT. TREE STAKING: 2"X2"X4' WOOD CROSS MEMBER ROOT BALL SCREWS 2"X2"X4' WOOD -STAKE WITH LONG TAPER MIN. 18"
- —(2) 2.5" DRYWALL SCREWS, TYP. TRFF 4'-0" ALT. TREE STAKING PLAN NOT TO SCALE

2"x2"x4' WOOD STAKE 2"x2"x4' CROSS MEMBER

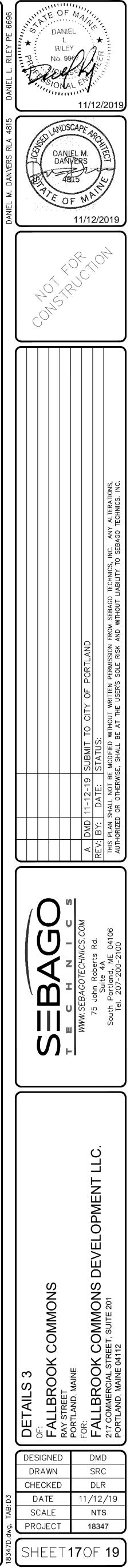
> **OR ROPE BINDINGS &** WRAP FROM TOP 1/3 2X THE DIAMETER OF ROOT MIXTURE AS SPECIFIED

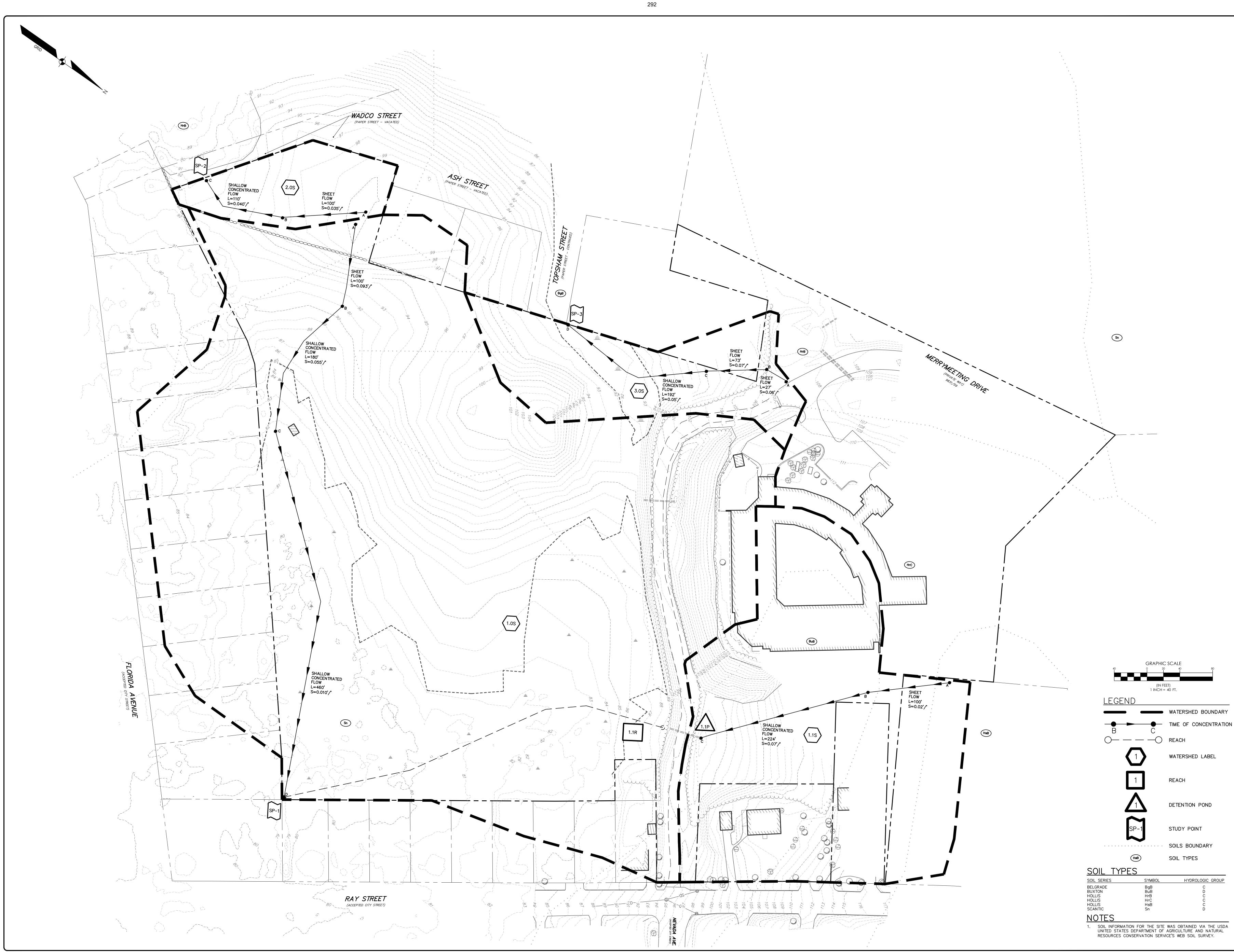
2X THE DIAMETER OF - ROOT BALL WITH BACKFILL MIXTURE AS SPECIFIED

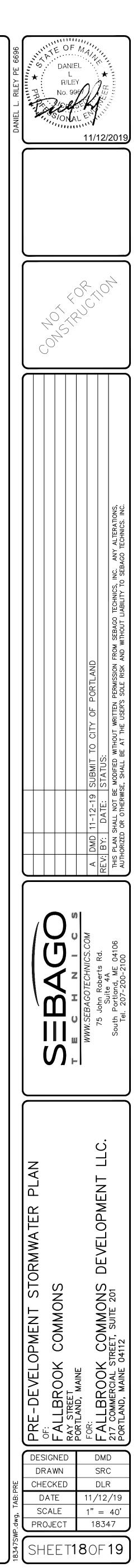
-3" BARK MULCH -EARTH SAUCER EXISTING SOIL -REMOVE ALL METAL OR **ROPE BINDINGS &** WRAP FROM TOP 1/3 OF

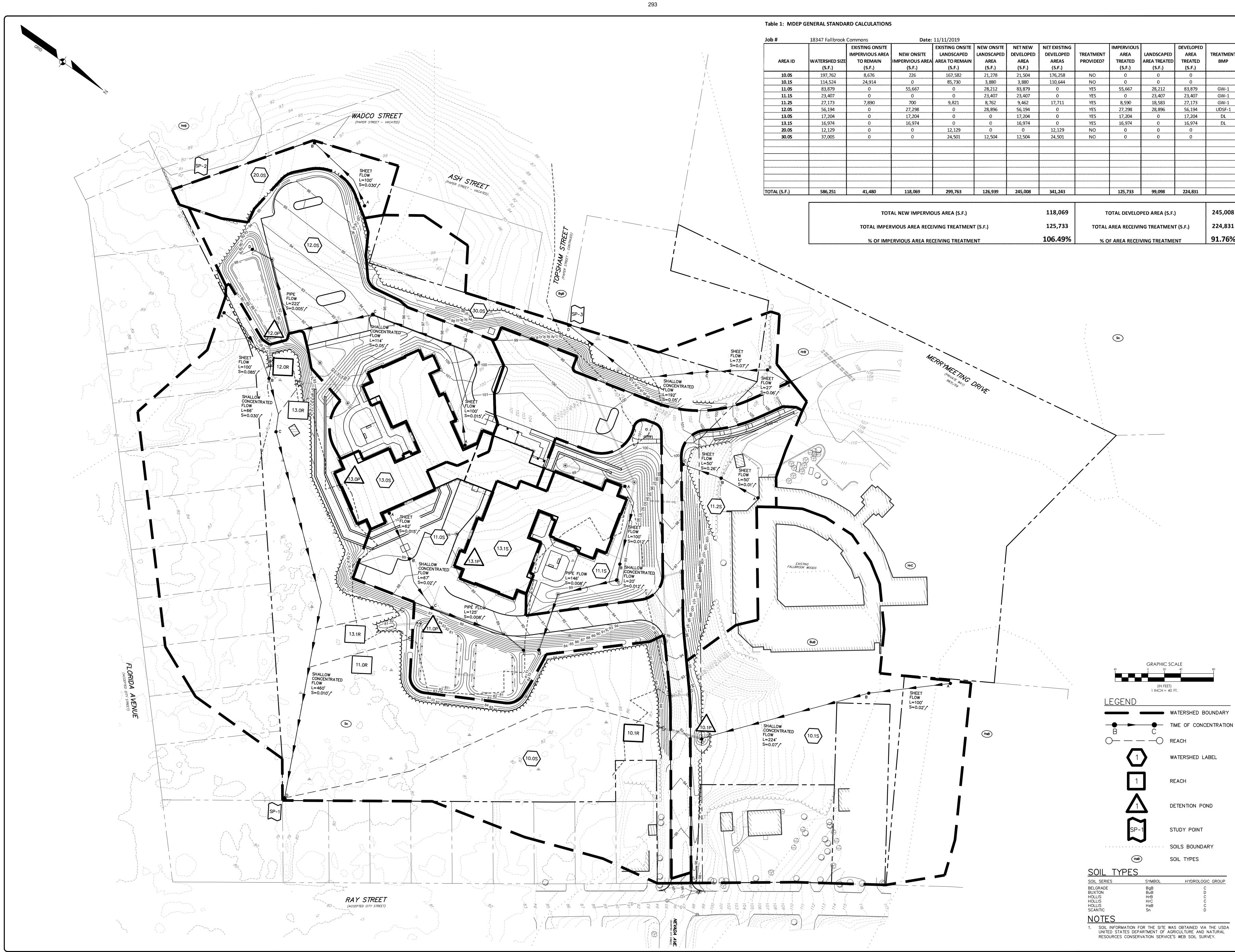
-2"X2" STAKE IN LINE W/TRUNK (SEE NOTES) -PLASTIC CHAIN-LOCK OR GUY WIRE W/HOSE APPROX. 4' ABOVE GROUND (SEE NOTES)

-REMOVE ALL LABELS, TAGS OR OTHER FOREIGN MATERIAL FROM LIMBS



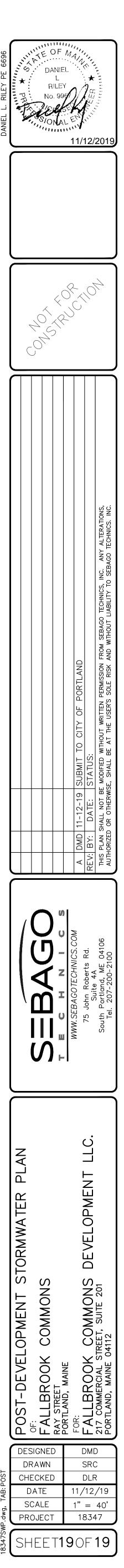






		% OF IMPERVIOUS AREA RECEIVING TREATMENT					106.49%	% OF AREA RECEIVING TREATMENT			
		TOTAL IMPERVIOUS AREA RECEIVING TREATMENT (S.F.)					125,733	TOTAL AREA RECEIVING TREATMENT (S.F.)			
		тот	AL NEW IMPERVIC	OUS AREA (S.F.)			118,069	Т	OTAL DEVELO	PED AREA (S.F.)	
S.F.)	586,251	41,480	118,069	299,763	126,939	245,008	341,243		125,733	99,098	224,831
								······			
30.05	37,005	0	0	24,501	12,504	12,504	24,501	NO	Ő	<u> </u>	0
20.05	12,129	0	0	12,129	0	0	12,129	NO	0	0	10,574
13.15	16,974	0	16,974	0	0	17,204	0	YES	17,204 16,974	0	17,204 16,974
12.05 13.05	56,194 17,204	0	27,298 17,204	0	28,896 0	56,194 17,204	0	YES YES	27,298	28,896 0	56,194
11.25	27,173	7,890	700	9,821	8,762	9,462	17,711	YES	8,590	18,583	27,173
11.15	23,407	0	0	0	23,407	23,407	0	YES	0	23,407	23,407
<u>11.05</u>	83,879	0	55,667	0	28,212	83,879	0	YES	55,667	28,212	83,879
10.15	114,524	24,914	0	85,730	3,880	3,880	110,644	NO	0	0	0
10.05	197,762	8,676	226	167,582	21,278	21,504	176,258	NO	0	0	0
	(S.F.)	(S.F.)	(S.F.)	(S.F.)	(S.F.)	(S.F.)	(S.F.)		(S.F.)	(S.F.)	(S.F.)
REA ID	WATERSHED SIZE	IMPERVIOUS AREA TO REMAIN	NEW ONSITE	LANDSCAPED AREA TO REMAIN	LANDSCAPED AREA	DEVELOPED AREA	DEVELOPED AREAS	TREATMENT PROVIDED?	AREA TREATED	LANDSCAPED AREA TREATED	AREA TREATEI
		EXISTING ONSITE		EXISTING ONSITE	NEW ONSITE	NET NEW	NET EXISTING		IMPERVIOUS		DEVELOP
	18347 Fallbrook	Commons	Date:	11/11/2019							

TREATMENT BMP
GW-1
GW-1
GW-1
UDSF-1
DL
DL
245,008
224,831
91.76%



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