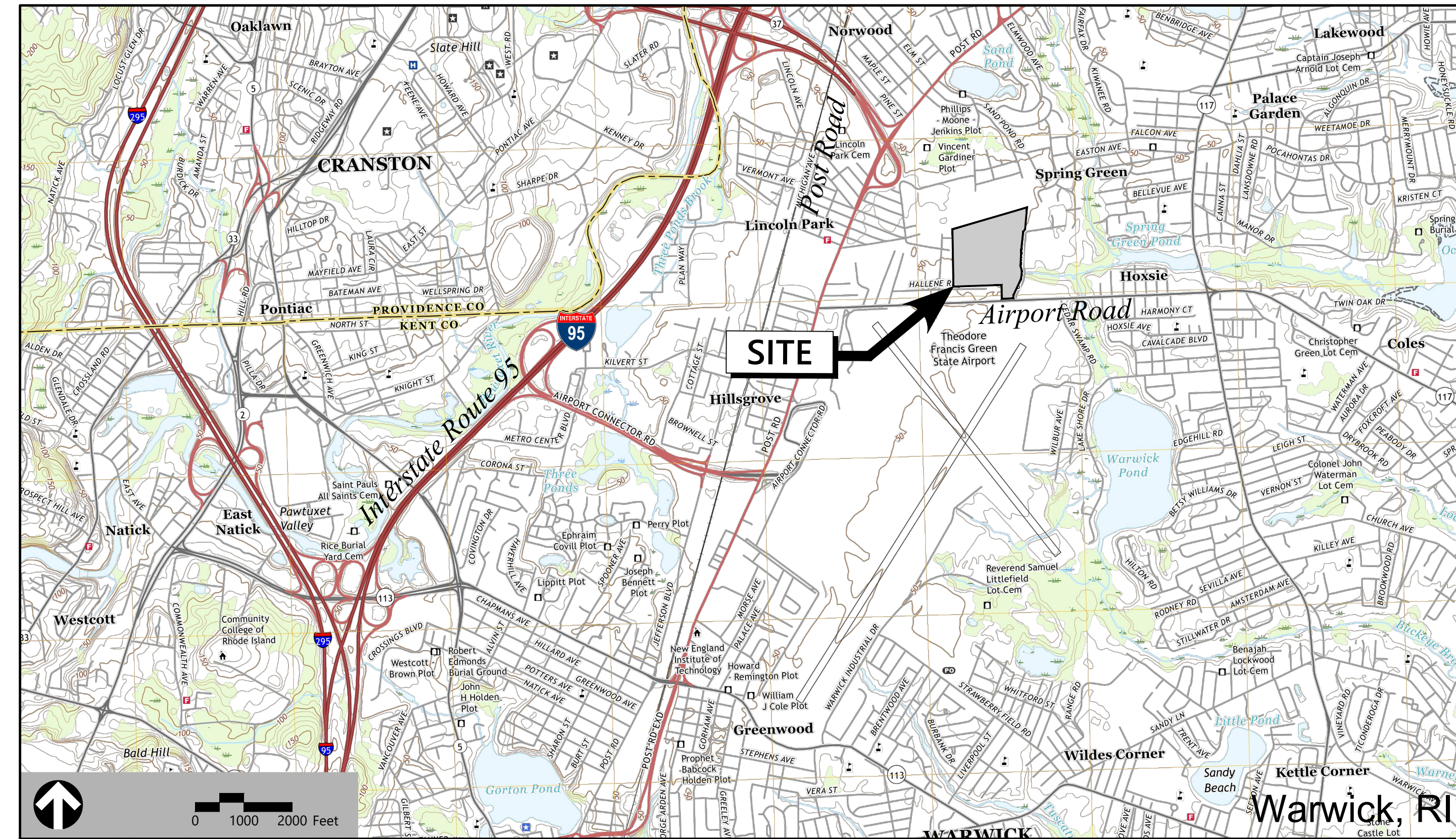


# Site Plans

Issued for Permits  
 Date Issued June 1, 2021  
 Latest Issue October 8, 2021

## Proposed Warehouse/ Distribution Development

Hallene Road  
Warwick, Rhode Island



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

### Owner:

NP Airport Road Warwick, LLC  
4825 NW 41st Street  
Suite 500  
Riverside, MO 64150

### Applicants:

NorthPoint Development, LLC (Site)  
4805 Montgomery Road  
Suite 310  
Cincinnati, OH 45212

Assessor's Map: Plat 311  
Lots: 138 and 191

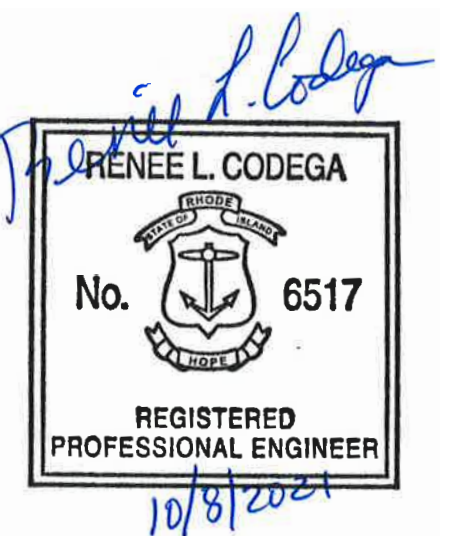
Book 9857, Page 23

### Sheet Index

No.	Drawing Title	Latest Issue
C1.01	Legend and General Notes	October 8, 2021
C2.00	Overall Layout and Materials Plan	October 8, 2021
C2.01 - C2.04	Layout and Materials Plans 1 - 4	October 8, 2021
C3.00	Overall Grading and Drainage Plan	October 8, 2021
C3.01 - C3.04	Grading and Drainage Plans 1 - 4	October 8, 2021
C4.00	Overall Utility Plan	October 8, 2021
C4.01 - C4.04	Utility Plans 1 - 4	October 8, 2021
C5.01 - C5.05	Site Details 1 - 5	October 8, 2021
SESC.1	Soil Erosion and Sediment Control - Legend and General Notes	October 8, 2021
SESC.2	Soil Erosion and Sediment Control - Overall Plan	October 8, 2021
SESC.3 - SESC.6	Soil Erosion and Sediment Control - Plans 1-4	October 8, 2021
SESC.7	Soil Erosion and Sediment Control - Details	October 8, 2021
L1.00	Overall Planting Plan	October 8, 2021
L1.01 - L1.04	Planting Plans 1 - 4	October 8, 2021
L2.00	Planting Details	October 8, 2021
C6.01	Commerce Drive Layout and Materials Plan	October 8, 2021
C6.02	Commerce Drive Grading, Drainage, Erosion Control and Utility Plan	October 8, 2021
C6.03	Commerce Drive Details Site Photometrics Plan	October 8, 2021

### Reference Drawings

No.	Drawing Title	Latest Issue
1 - 6	ALTA/NSPS Land Title Survey	May 13, 2021





1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

Legend

Legend table with columns for Prop. and symbols. Includes categories like Property Line, Wetland, Road, Building, and Utilities.

Abbreviations

Abbreviations table with columns for General and Utility. Lists codes like ABAN, ACR, ADJ, etc., and their corresponding descriptions.

Notes

- Notes 1-15 detailing construction requirements, safety protocols, and utility management. Includes notes on excavation, pavement, and site restoration.

Layout and Materials

- Notes 1-6 regarding dimensions, curbing, and construction standards. Mentions precast concrete and professional land surveyor requirements.

Site Lighting

- Notes 1-2 on site lighting requirements, including night sky compliance and shielded perimeter lighting.

Erosion Control

- Note 1: SEE SESC PLANS.

Demolition

- Notes 1-5 detailing demolition procedures, utility coordination, and safety measures. Includes requirements for asbestos and hazardous materials.

Existing Conditions Information

- Notes 1-3 providing details on property lines, topography, and geotechnical data. Includes information on wetland delineation and flag placement.

Document Use

- Notes 1-3 regarding the use of CADD documents, electronic versions, and field measurements for layout and product supply.

Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

Revision table with columns for No., Revision, Date, and Appr. Lists two revisions: RIDEM RESUBMISSION and PRELIMINARY/FINAL PERMITS.

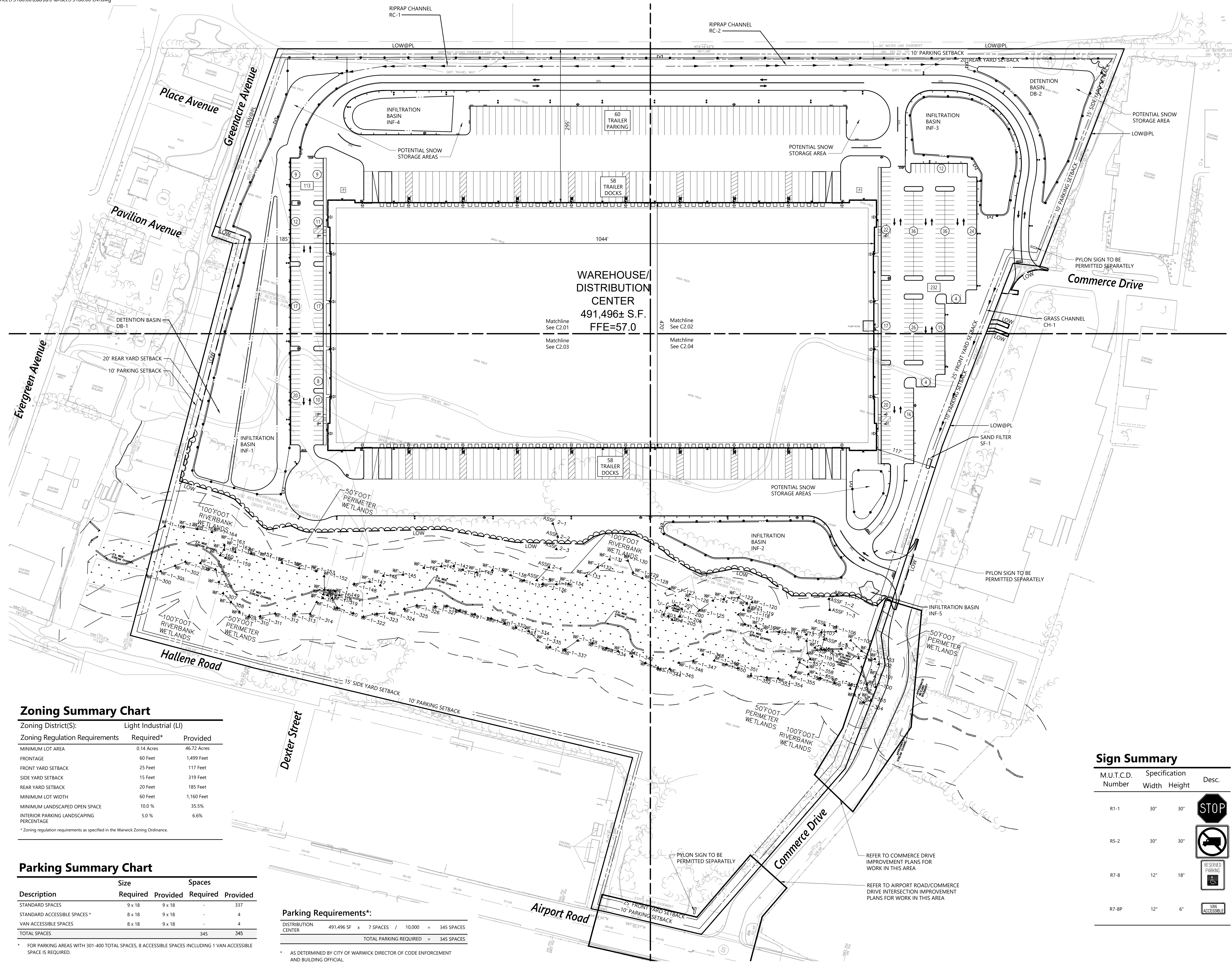
Designed by: AEC Checked by: RLC  
Issued for: Permits Date: June 1, 2021

Legend and General Notes

Professional Engineer seal for Renee L. Codega, No. 6517, Registered Professional Engineer. Includes sheet number 1 of 21 and project number 73180.00.

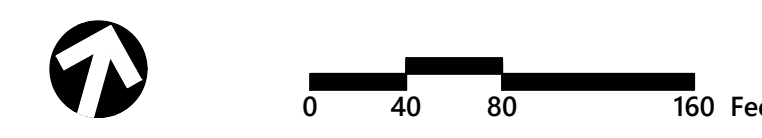


1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



**WAREHOUSE/  
DISTRIBUTION  
CENTER**  
491,496± S.F.  
FFE=57.0

- Notes**
- SEE PHOTOMETRICS PLAN FOR LIGHT POLE LOCATIONS.
  - TENANTS MAY CHOOSE TO HAUL SNOW OFF SITE.



**Proposed  
Warehouse/Distribution  
Development**  
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd.
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

Designed by: AEC  
Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

**Zoning Summary Chart**

Zoning District(S):	Light Industrial (LI)	
Zoning Regulation Requirements	Required*	Provided
MINIMUM LOT AREA	0.14 Acres	46.72 Acres
FRONTAGE	60 Feet	1,499 Feet
FRONT YARD SETBACK	25 Feet	117 Feet
SIDE YARD SETBACK	15 Feet	319 Feet
REAR YARD SETBACK	20 Feet	185 Feet
MINIMUM LOT WIDTH	60 Feet	1,160 Feet
MINIMUM LANDSCAPED OPEN SPACE	10.0 %	35.5%
INTERIOR PARKING LANDSCAPING PERCENTAGE	5.0 %	6.6%

\* Zoning regulation requirements as specified in the Warwick Zoning Ordinance.

**Parking Summary Chart**

Description	Size		Spaces	
	Required	Provided	Required	Provided
STANDARD SPACES	9 x 18	9 x 18	-	337
STANDARD ACCESSIBLE SPACES*	8 x 18	9 x 18	-	4
VAN ACCESSIBLE SPACES	8 x 18	9 x 18	-	4
TOTAL SPACES			345	345

**Parking Requirements\*:**  
DISTRIBUTION CENTER 491,496 SF x 7 SPACES / 10,000 = 345 SPACES  
TOTAL PARKING REQUIRED = 345 SPACES

\* AS DETERMINED BY CITY OF WARWICK DIRECTOR OF CODE ENFORCEMENT AND BUILDING OFFICIAL.

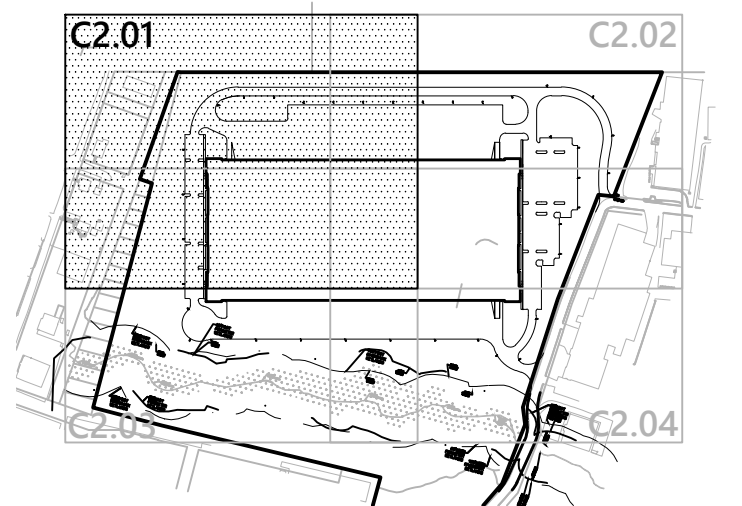
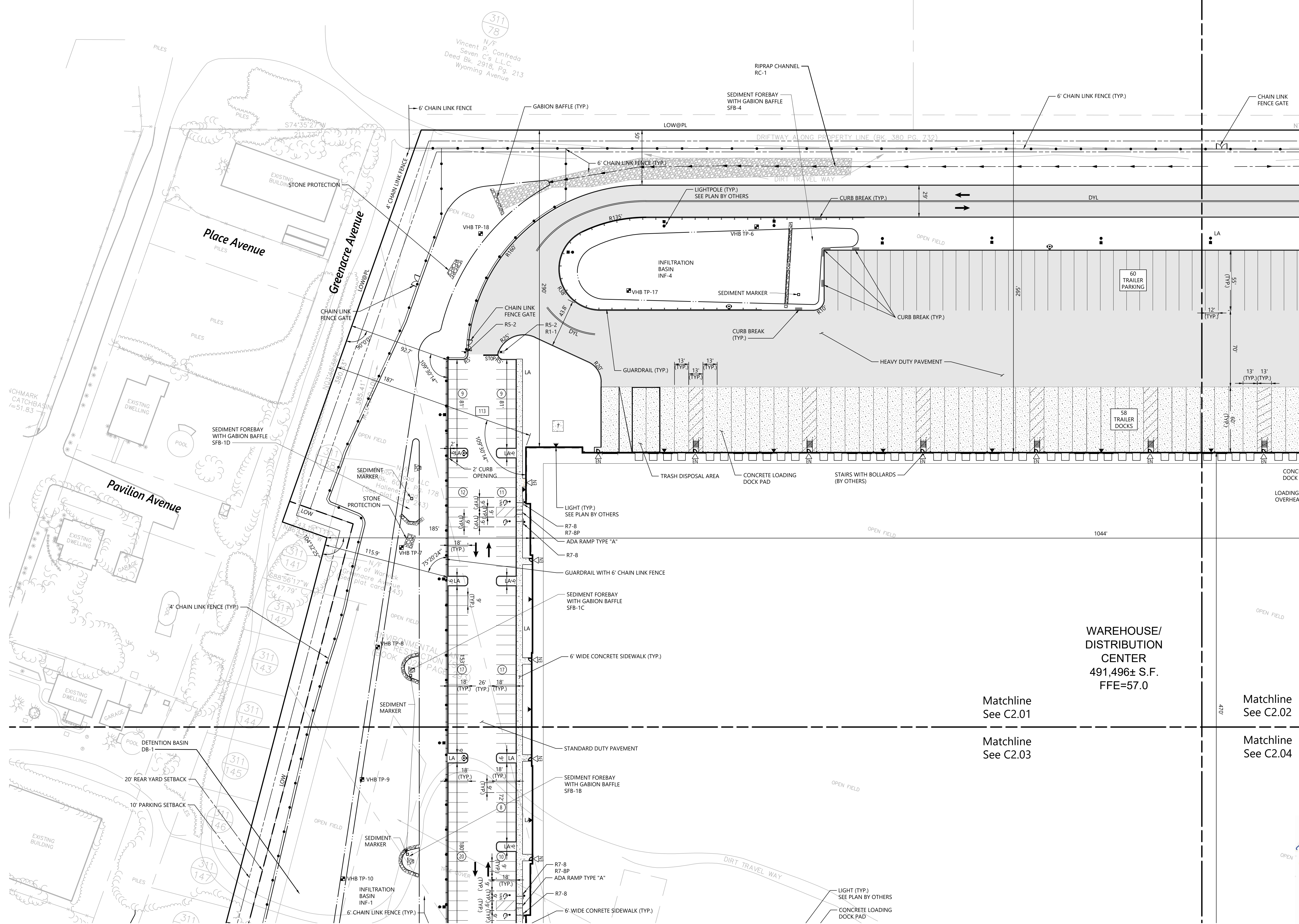
**Sign Summary**

M.U.T.C.D. Number	Specification Width	Specification Height	Desc.
R1-1	30"	30"	STOP
R5-2	30"	30"	RESERVED PARKING
R7-8	12"	18"	RESERVED PARKING (VAN ACCESSIBLE)
R7-8P	12"	6"	VAN ACCESSIBLE

**Overall  
Layout and Materials Plan**

Drawing Title: Overall Layout and Materials Plan  
Drawing Number: C2.00  
Sheet 2 of 21  
Project Number: 73180.00

RENEE L. CODEGA  
REGISTERED PROFESSIONAL ENGINEER  
No. 6517  
10/8/2021



**Key**  
Not To Scale

**Notes**  
1. SEE PHOTOMETRICS PLAN FOR LIGHT POLE LOCATIONS.

**Proposed Warehouse/Distribution Development**  
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd.
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Designed by: AEC  
Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

**WAREHOUSE/  
DISTRIBUTION  
CENTER**  
491,496± S.F.  
FFE=57.0

Matchline  
See C2.01

Matchline  
See C2.02

Matchline  
See C2.03

Matchline  
See C2.04

**Layout and Materials Plan 1**

Drawing Number: **C2.01**

Sheet 3 of 21

Project Number: 73180.00

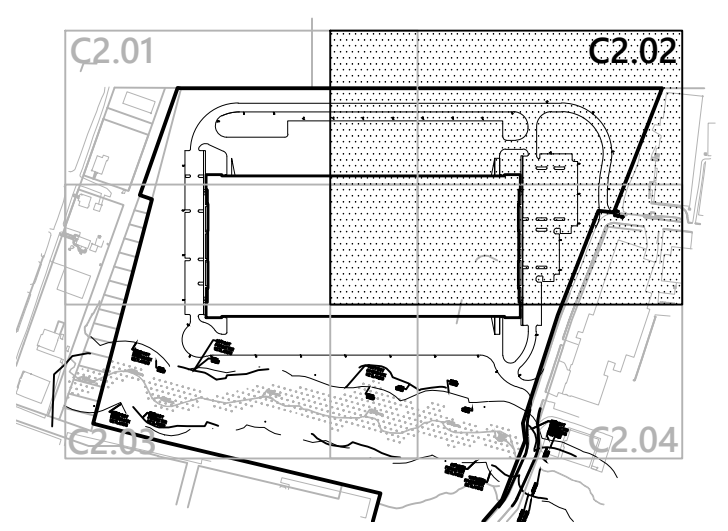
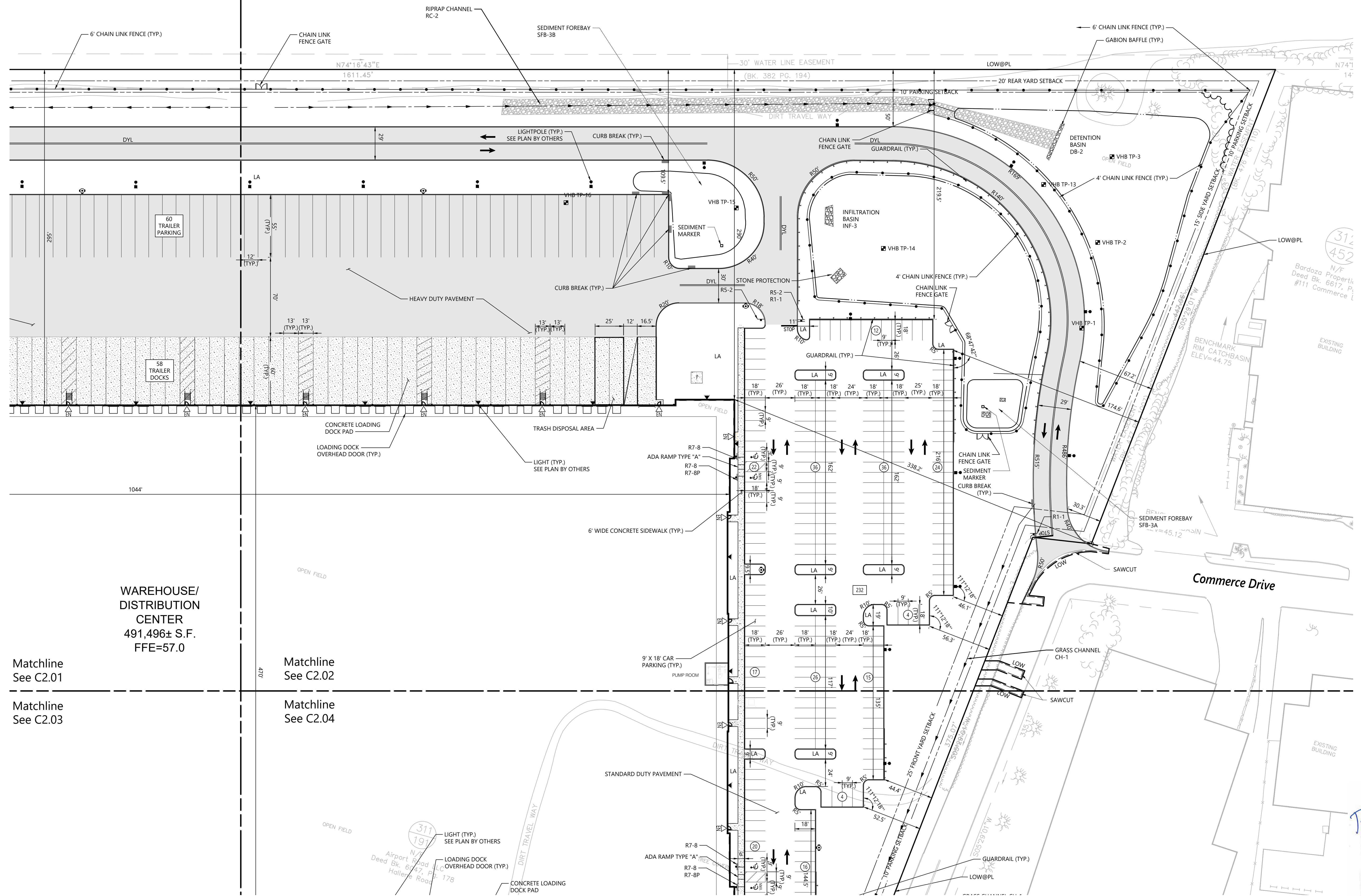
10/8/2021

REGISTERED PROFESSIONAL ENGINEER  
No. 6517  
RENEE L. CODEGA



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

311  
193  
N/F  
Vincent P. Confreda  
Seven C's L.L.C.  
Deed Bk. 2918, Pg. 213  
Wyoming Avenue



**Key**  
Not To Scale

312  
452  
N/F  
Bardoza Property  
Deed Bk. 6617, Pg. 1  
#111 Commerce L

**Notes**  
1. SEE PHOTOMETRICS PLAN FOR LIGHT POLE LOCATIONS.



### Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	Appr.
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Designed by: AEC  
Checked by: RLC

Issued for: Permits  
Date: June 1, 2021

### Layout and Materials Plan 2

Drawing Number: C2.02

Sheet 4 of 21

Project Number: 73180.00

10/8/2021

PRENEE L. CODEGA  
No. 6517  
REGISTERED PROFESSIONAL ENGINEER

Saved Thursday, October 7, 2021 11:55:52 PM. SPEREIRA Plotted Thursday, October 7, 2021 2:04:08 PM. Stephen Pereira

Matchline  
See C2.01

Matchline  
See C2.02

Matchline  
See C2.03

Matchline  
See C2.04

**WAREHOUSE/  
DISTRIBUTION  
CENTER**  
491,496± S.F.  
FFE=57.0

311  
191  
N/F  
Airport Road LLC  
Deed Bk. 6747, Pg. 178  
Hallene Road

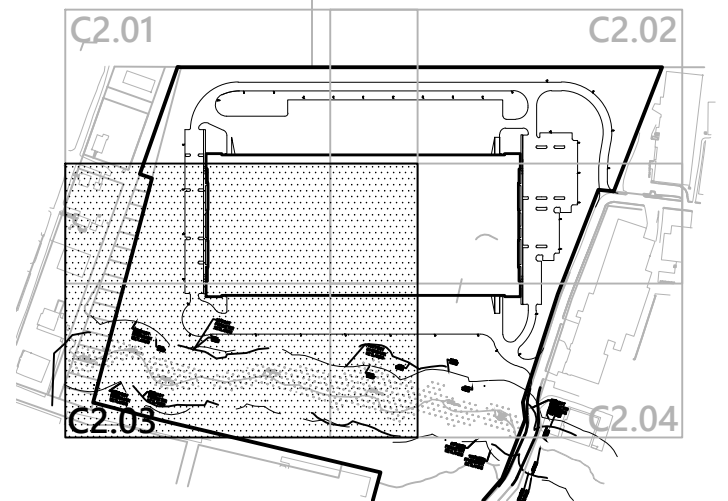
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DISTRIBUTION  
CENTER  
491,496± S.F.  
FFE=57.0

Matchline  
See C2.01

Matchline  
See C2.02

Matchline  
See C2.03

Matchline  
See C2.04



**Key**  
Not To Scale

**Notes**

- 1. SEE PHOTOMETRICS PLAN FOR LIGHT POLE LOCATIONS.



**Proposed Warehouse/Distribution Development**

Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd.
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Designed by: AEC  
Checked by: RLC

Issued for: Permits  
Date: June 1, 2021

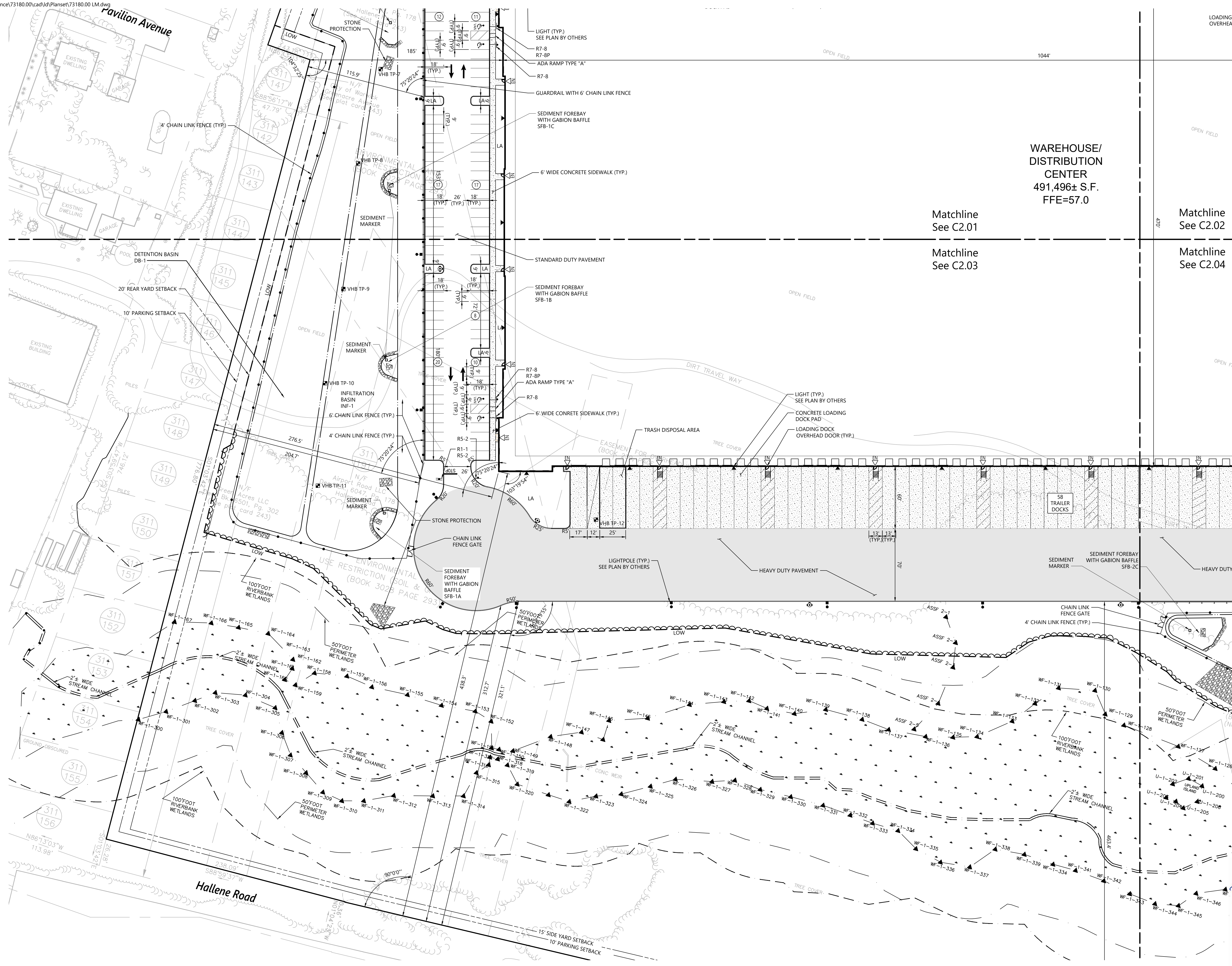
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Renée L. Codega  
No. 6517  
REGISTERED PROFESSIONAL ENGINEER

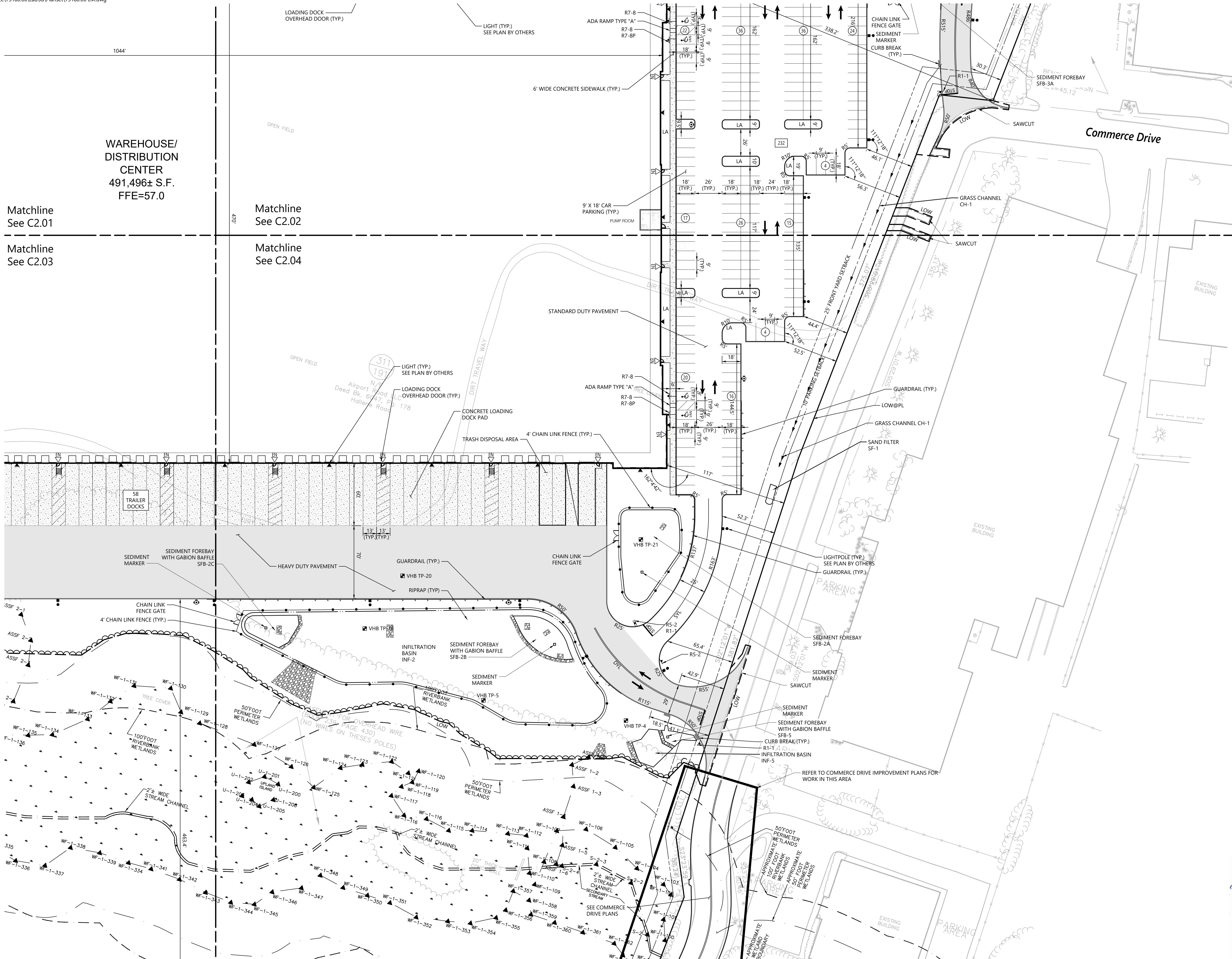
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Sheet 5 of 21

Project Number 73180.00



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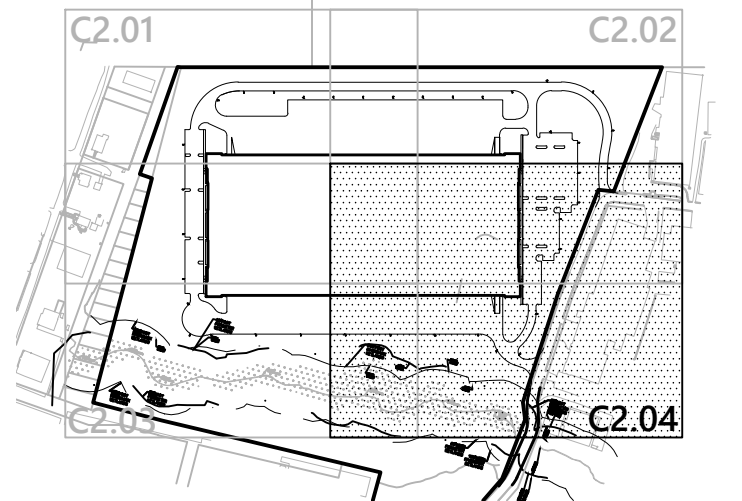


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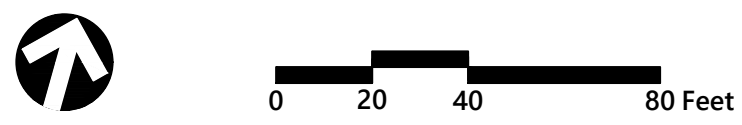
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Matchline  
See C2.04



**Key**  
Not To Scale

**Notes**  
1. SEE PHOTOMETRICS PLAN FOR LIGHT POLE LOCATIONS.



### Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

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Designed by: **AEC** Checked by: **RLC**  
Issued for: Permits Date: June 1, 2021

### Layout and Materials Plan 4

Drawing Number: **C2.04**

Sheet: **6** of **21**

Project Number: **73180.00**

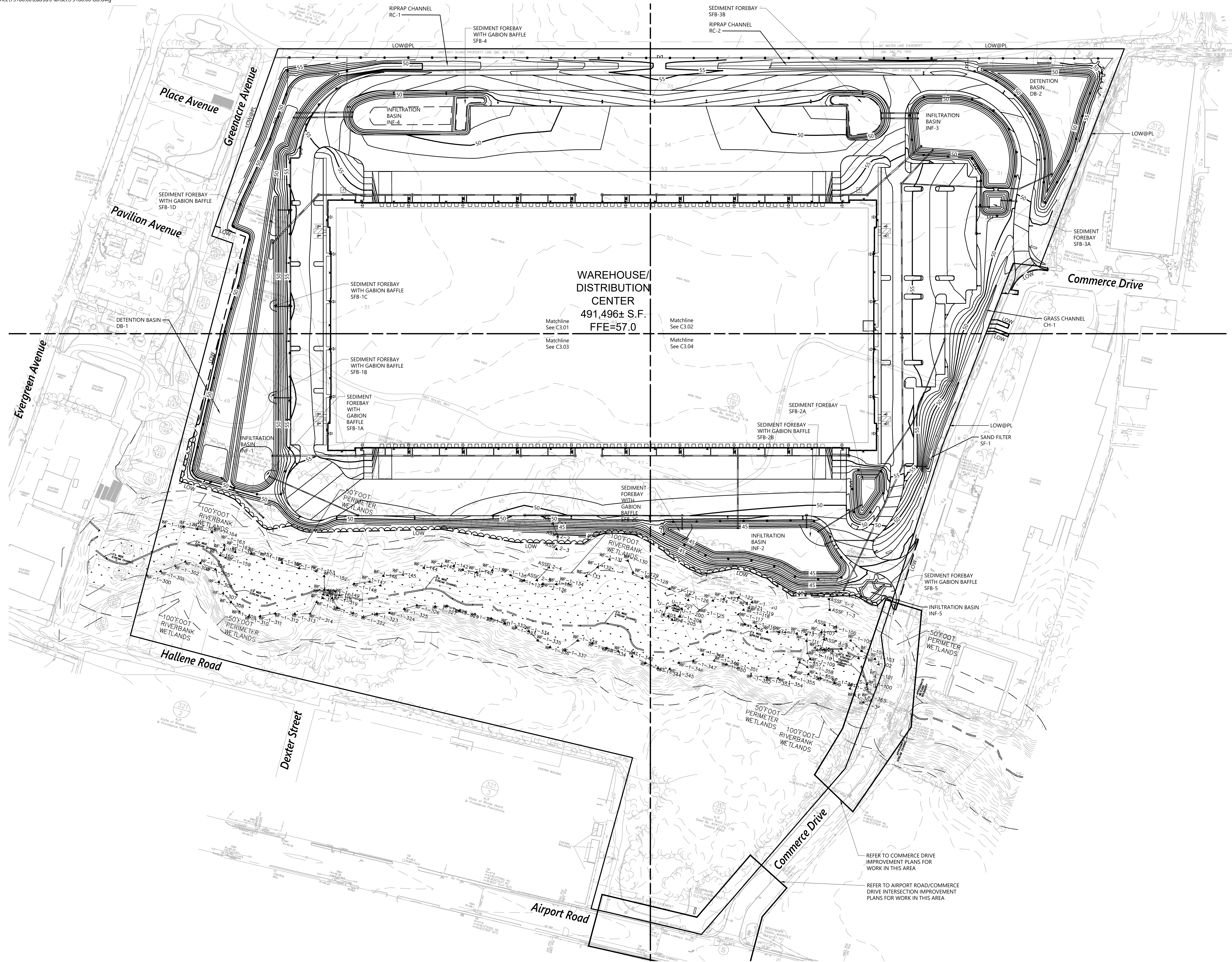
Professional Engineer Seal: **PRENEE L. CODEGA**, No. **6517**, REGISTERED PROFESSIONAL ENGINEER

Date: **10/8/2021**

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1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



WAREHOUSE/  
DISTRIBUTION  
CENTER  
491,496± S.F.  
FFE=57.0



0 40 80 160 Feet

### Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

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Designed by: AEC  
Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

### Overall Grading and Drainage Plan

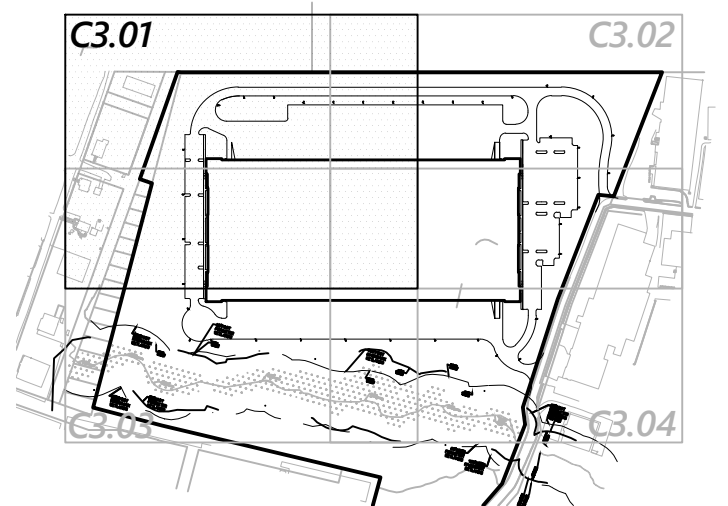
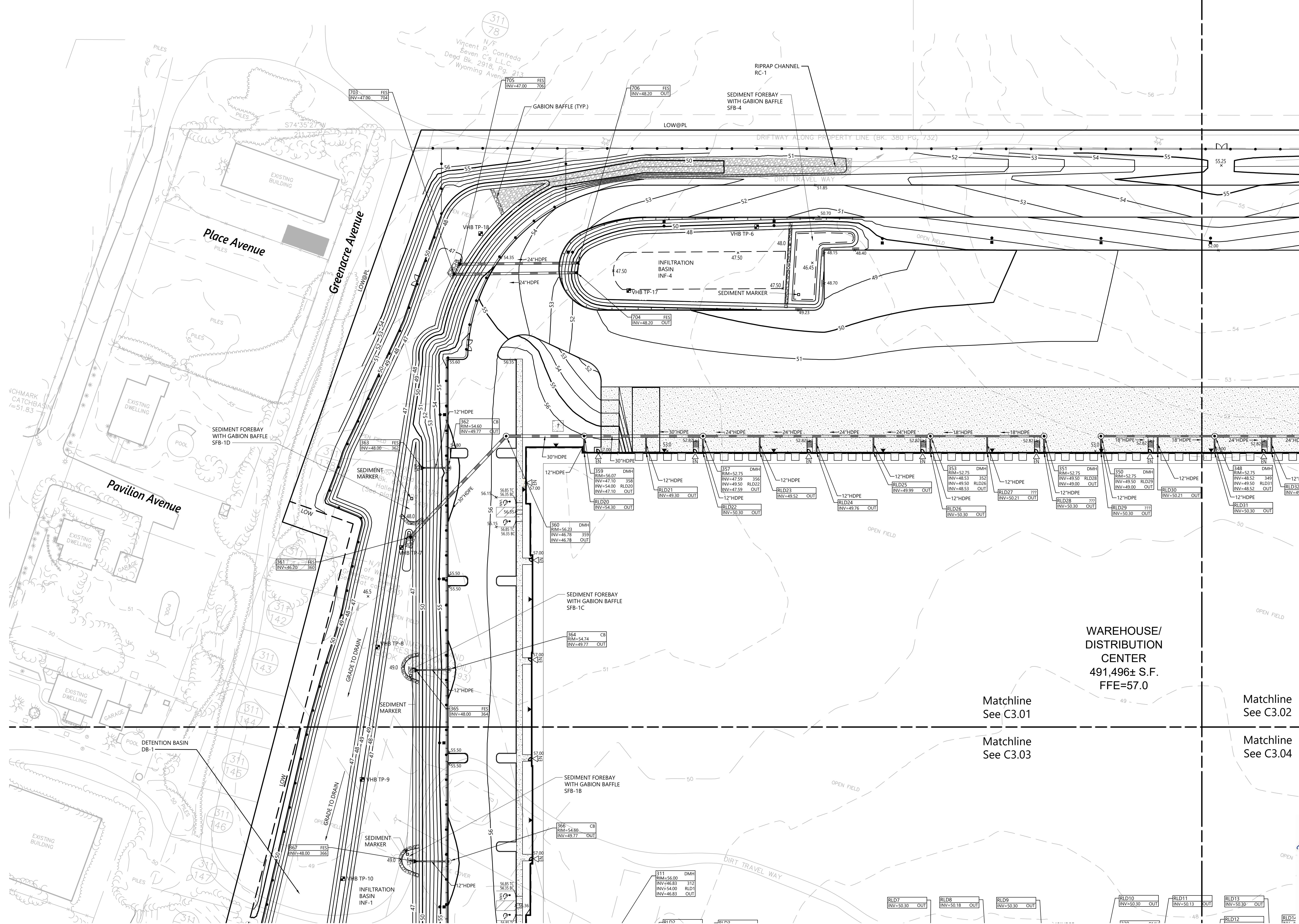
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Sheet 7 of 21

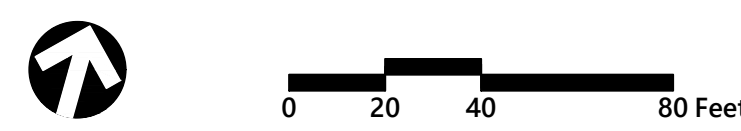
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REGISTERED PROFESSIONAL ENGINEER  
6517  
10/8/2021





**Key**  
Not To Scale



### Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

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Designed by: AEC  
Checked by: RLC

Issued for: Permits  
Date: June 1, 2021

Matchline See C3.01  
Matchline See C3.02  
Matchline See C3.03

Drawing Title  
**Grading and Drainage Plan 1**

Drawing Number  
**C3.01**

Sheet 8 of 21

Project Number  
73180.00

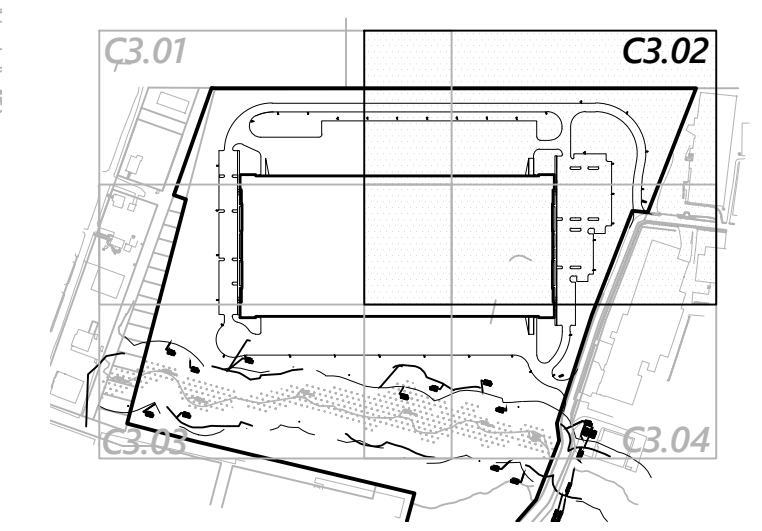
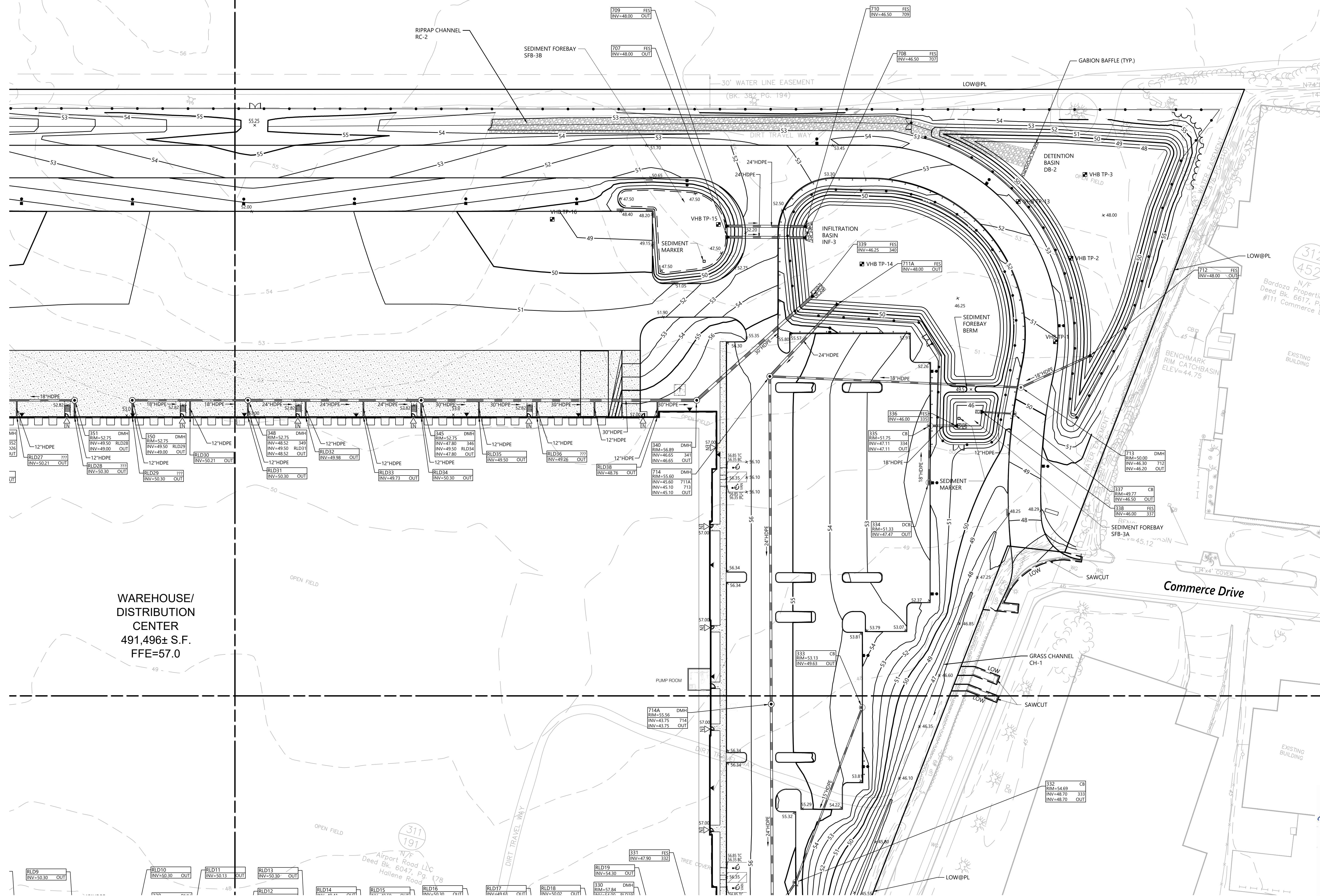
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Signature: *Prenee L. Codega*

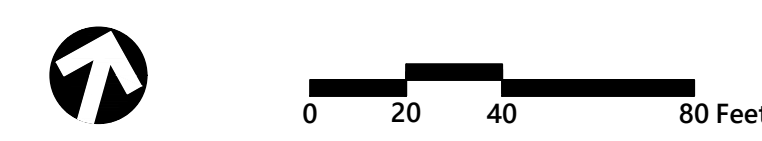
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1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



**Key**  
Not To Scale



### Proposed Warehouse/Distribution Development

Hallene Road  
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Designed by: **AEC** Checked by: **RLC**  
Issued for: **Permits** Date: **June 1, 2021**

### Grading and Drainage Plan 2

Drawing Number

**C3.02**
  
 Sheet 9 of 21

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**WAREHOUSE/  
DISTRIBUTION  
CENTER**  
491,496± S.F.  
FFE=57.0

311  
193  
N/F  
Vincent P. Confreda  
Seven C's L.L.C.  
Deed Bk. 2918, Pg. 213  
Wyoming Avenue

312  
452  
N/F  
Bardoza Property  
Deed Bk. 6617, Pg. #111  
Commerce L

311  
191  
N/F  
Airport Road LLC  
Deed Bk. 6047, Pg. 178  
Hallene Road

331  
FES  
INV=47.90  
333

332  
RIM=54.69  
INV=48.70  
333  
INV=48.70  
OUT

714A  
DMH  
RIM=55.56  
INV=43.75  
714  
INV=43.75  
OUT

333  
RIM=53.13  
INV=49.63  
OUT

334  
RIM=51.33  
INV=47.47  
OUT

337  
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INV=46.50  
OUT

338  
FES  
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337

335  
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334  
INV=47.11  
OUT

340  
RIM=56.89  
INV=46.65  
341  
INV=46.65  
OUT

714  
RIM=55.60  
INV=45.10  
713  
INV=45.10  
OUT

711A  
FES  
INV=48.00  
OUT

339  
FES  
INV=46.25  
340

707  
FES  
INV=48.00  
OUT

709  
FES  
INV=48.00  
OUT

710  
FES  
INV=46.50  
709

708  
FES  
INV=46.50  
707

712  
FES  
INV=48.00  
OUT

710  
FES  
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709

707  
FES  
INV=48.00  
OUT

709  
FES  
INV=48.00  
OUT

311  
193

312  
452

311  
191

331  
FES  
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333

332  
RIM=54.69  
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333  
INV=48.70  
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OUT

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INV=47.11  
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340  
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INV=46.65  
OUT

714  
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711A  
FES  
INV=48.00  
OUT

339  
FES  
INV=46.25  
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707  
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INV=48.00  
OUT

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FES  
INV=48.00  
OUT

710  
FES  
INV=46.50  
709

708  
FES  
INV=46.50  
707

712  
FES  
INV=48.00  
OUT

710  
FES  
INV=46.50  
709

707  
FES  
INV=48.00  
OUT

709  
FES  
INV=48.00  
OUT



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

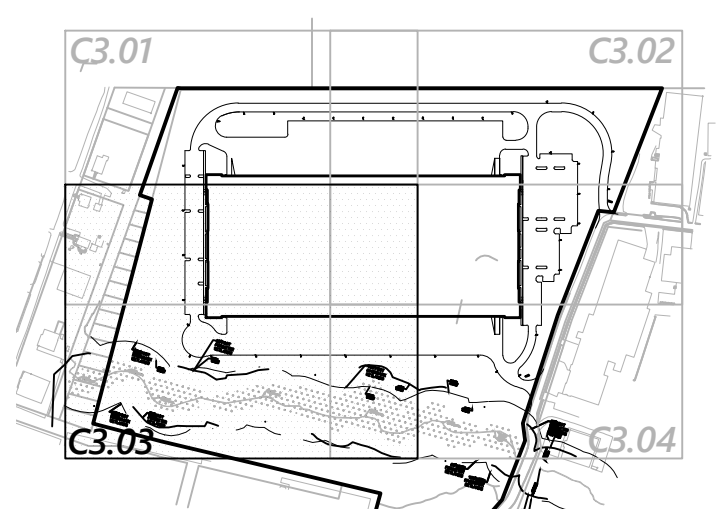
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DISTRIBUTION  
CENTER  
491,496± S.F.  
FFE=57.0

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See C3.01

Matchline  
See C3.02

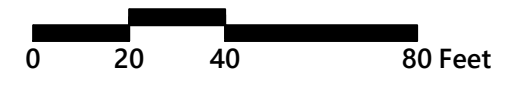
Matchline  
See C3.03

Matchline  
See C3.04



Key

Not To Scale



### Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd.
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Designed by: **AEC** Checked by: **RLC**  
 Issued for: **Permits** Date: **June 1, 2021**

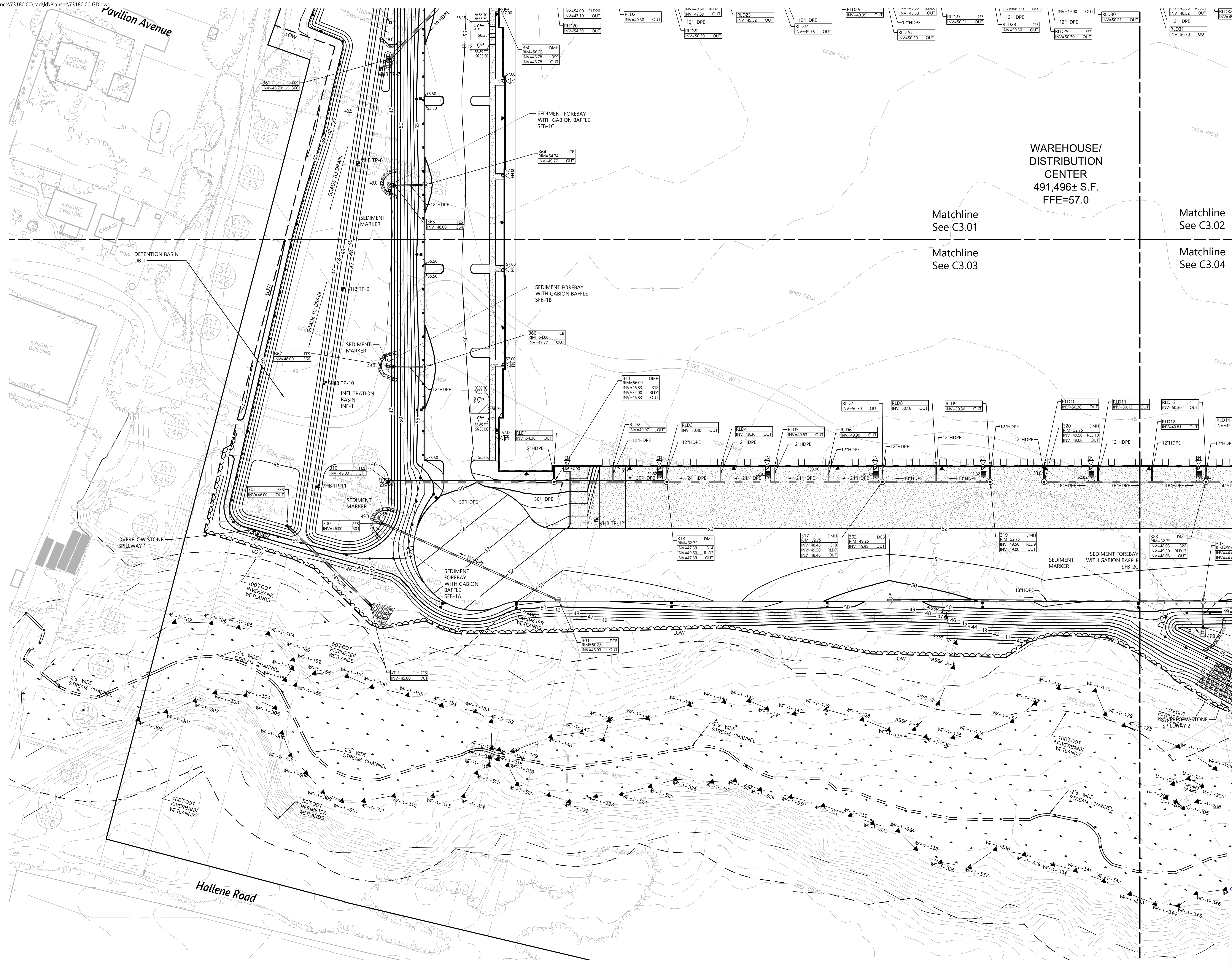
### Grading and Drainage Plan 3

Drawing Number: **C3.03**

Sheet **10** of **21**

Project Number: **73180.00**

REGISTERED PROFESSIONAL ENGINEER  
 No. **6517**  
 PRENEE L. CODEGA

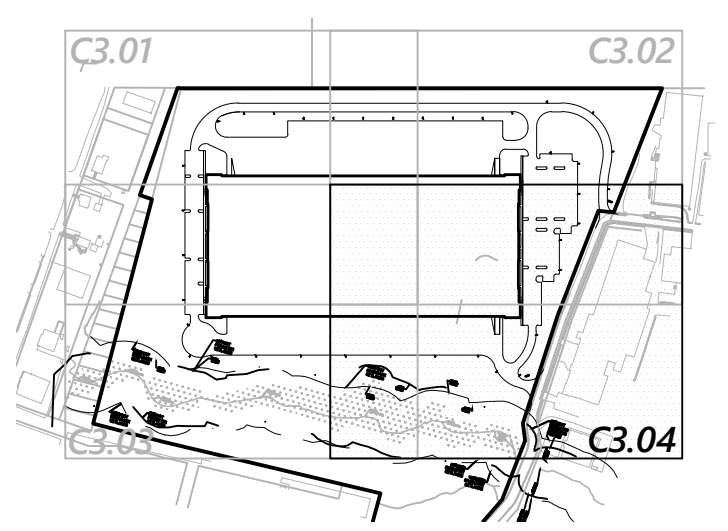




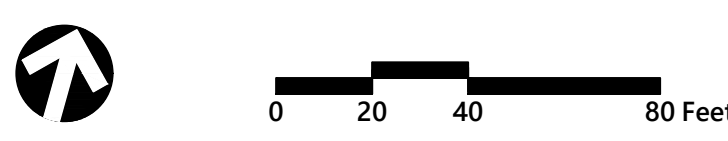
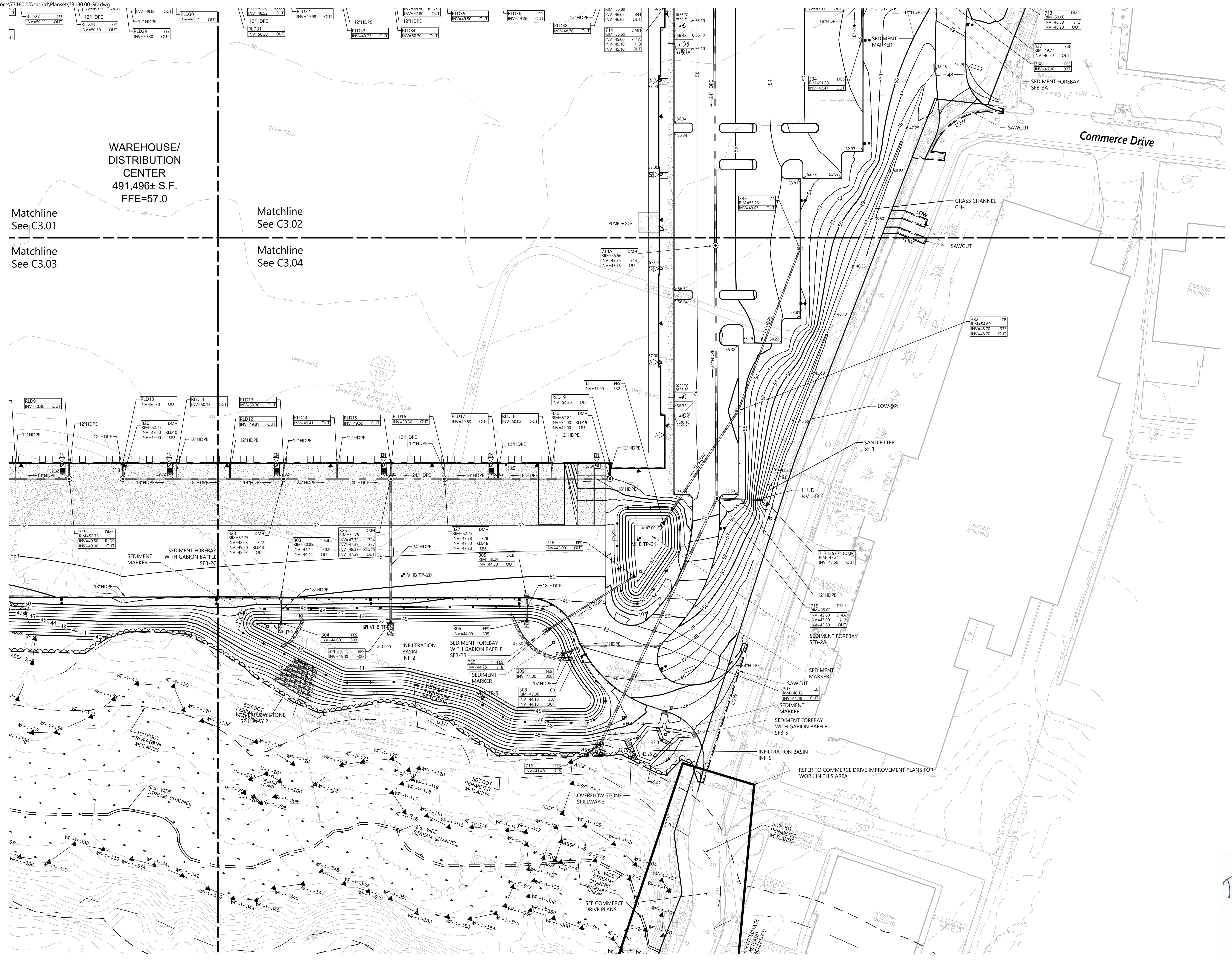
1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

WAREHOUSE/  
DISTRIBUTION  
CENTER  
491,496± S.F.  
FFE=57.0

Matchline  
See C3.01  
Matchline  
See C3.02  
Matchline  
See C3.03  
Matchline  
See C3.04



Key  
Not To Scale



### Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd.
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Designed by: AEC  
Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

### Grading and Drainage Plan 4

PRENEE L. CODEGA  
No. 6517  
REGISTERED  
PROFESSIONAL ENGINEER

C3.04

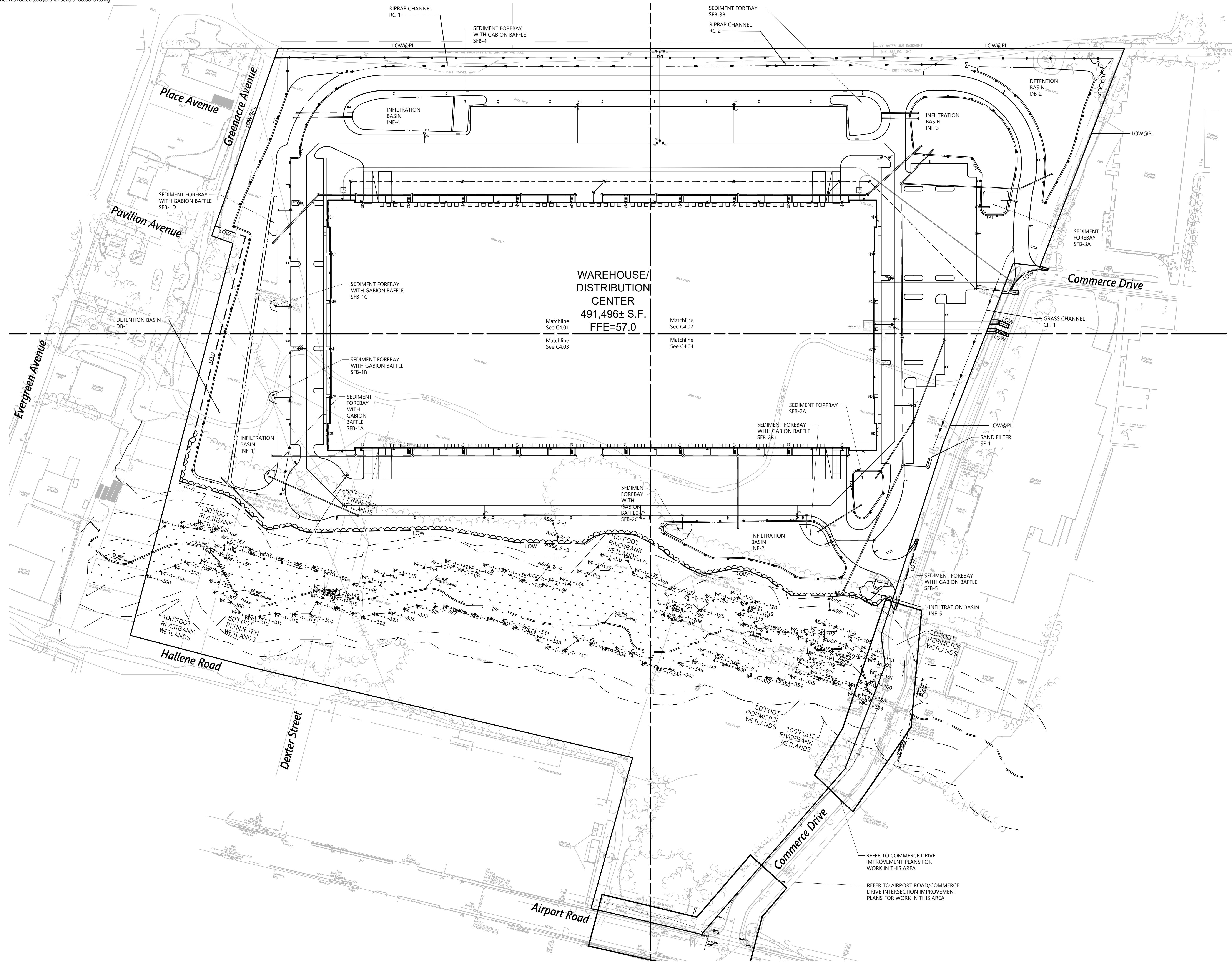
Sheet 11 of 21

Project Number  
73180.00

Saved Thursday, October 7, 2021 1:20:15 PM SPEREIRA Plotted Thursday, October 7, 2021 2:09:45 PM Stephen Pereira



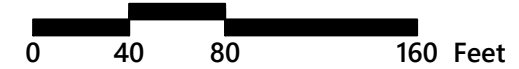
1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



WAREHOUSE/  
DISTRIBUTION  
CENTER  
491,496± S.F.  
FFE=57.0

Notes

- SEE PHOTOMETRICS PLAN FOR LIGHT POLE LOCATIONS.
- RELOCATION OF ON-SITE AND OFF-SITE UTILITY POLES TO BE COORDINATED WITH NATIONAL GRID. REFER TO PLANS BY NORTHPOINT.
- WATER LOOP IS NOT FINAL, WATER SYSTEM TO BE DESIGNED BY OTHERS.



### Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd.
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

Designed by	AEC	Checked by	RLC
Issued for		Date	

Permits June 1, 2021

### Overall Utility Plan

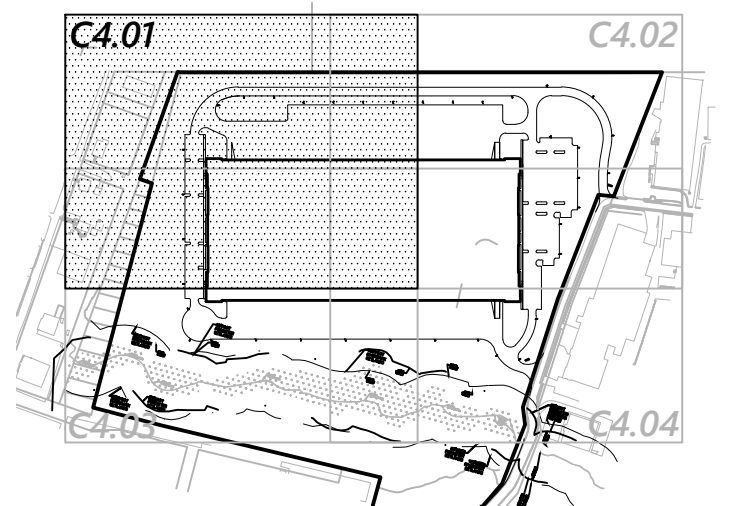
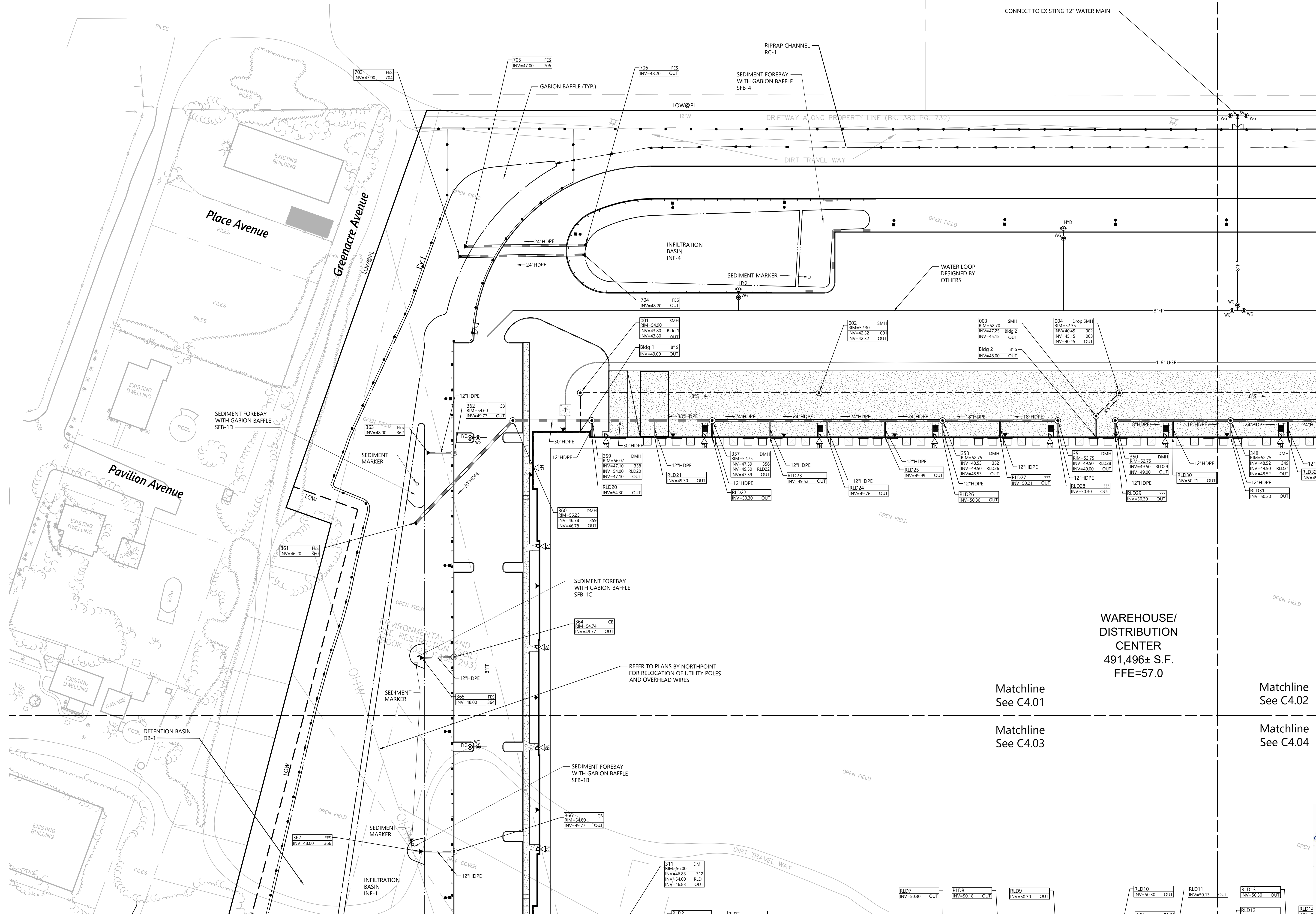
Drawing Title  
Drawing Number

PRENEE L. CODEGA  
No. 6517  
REGISTERED PROFESSIONAL ENGINEER  
10/8/2021

# C4.00

Sheet 12 of 21

Project Number 73180.00



**Key**  
Not To Scale

**Notes**

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**Proposed Warehouse/Distribution Development**  
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd.
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**WAREHOUSE/  
DISTRIBUTION  
CENTER**  
491,496± S.F.  
FFE=57.0

Matchline  
See C4.01  
  
Matchline  
See C4.03

Matchline  
See C4.02  
  
Matchline  
See C4.04

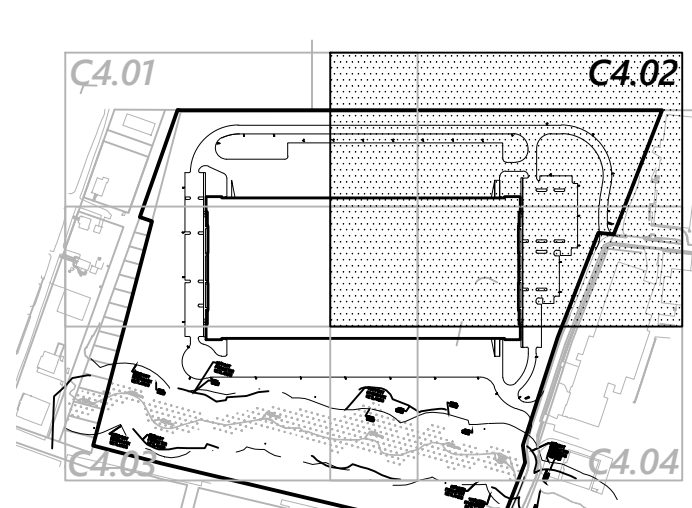
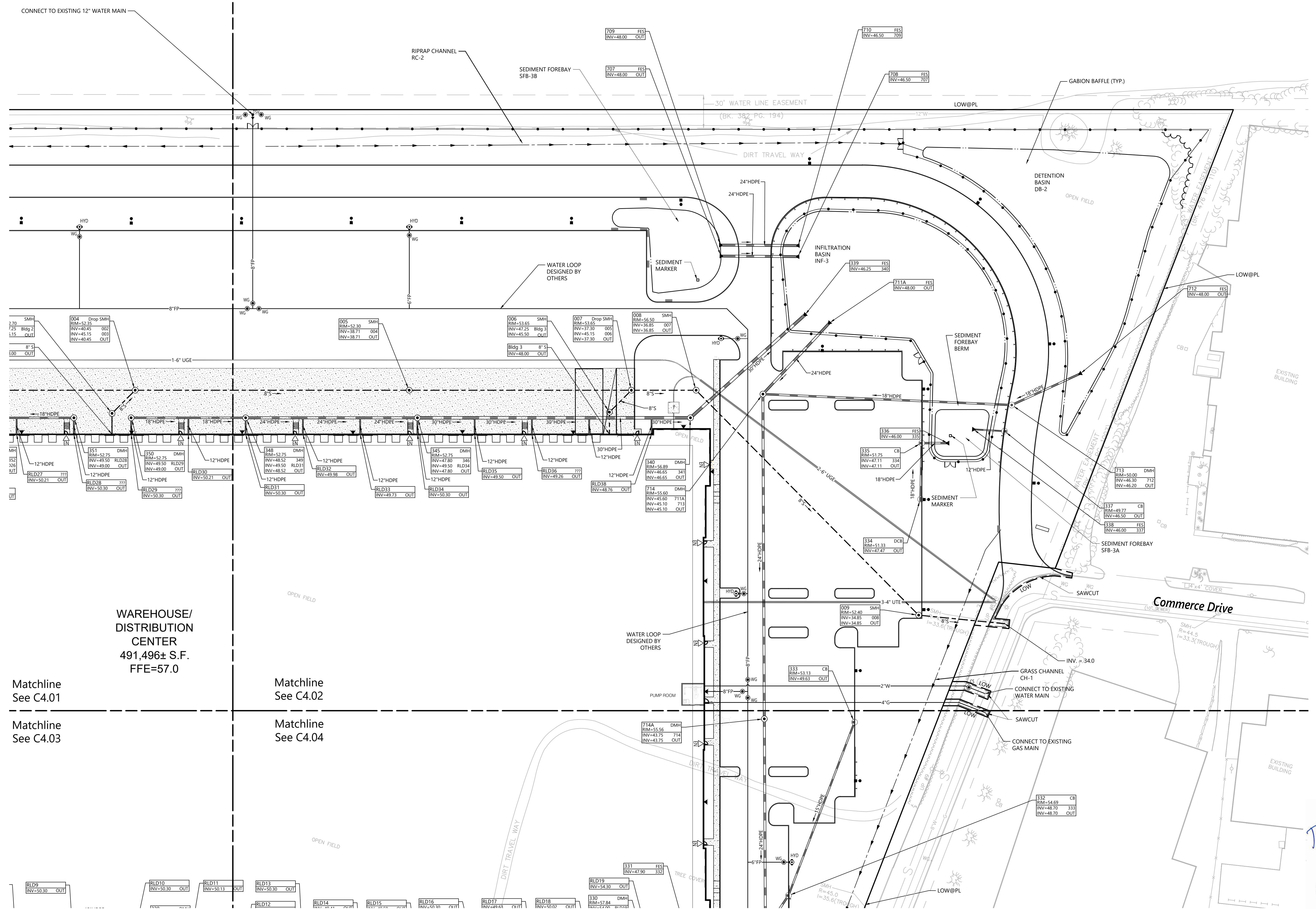
**Utility Plan 1**

Designed by: AEC  
Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

Drawing Number: **C4.01**  
Sheet 13 of 21  
Project Number: 73180.00

REGISTERED PROFESSIONAL ENGINEER  
No. 6517  
RENEE L. CODEGA

Saved Thursday, October 7, 2021 1:23:39 PM. SPEREIRA Plotted Thursday, October 7, 2021 2:12:28 PM. Stephen Pereira



**Key**  
Not To Scale

**Notes**  
1. SEE PHOTOMETRICS PLAN FOR LIGHT POLE LOCATIONS.  
2. RELOCATION OF ON-SITE AND OFF-SITE UTILITY POLES TO BE COORDINATED WITH NATIONAL GRID. REFER TO PLANS BY NORTHPOINT.  
3. WATER LOOP IS NOT FINAL, WATER SYSTEM TO BE DESIGNED BY OTHERS.

**Proposed Warehouse/Distribution Development**  
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	Asmt.
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

Designed by: AEC      Checked by: RLC  
Issued for: Permits      Date: June 1, 2021

Drawing Title  
**Utility Plan 2**

Drawing Number  
**C4.02**

Sheet 14 of 21

Project Number  
73180.00

10/8/2021

RENEE L. CODEGA  
No. 6517  
REGISTERED PROFESSIONAL ENGINEER

Saved Thursday, October 7, 2021 1:23:39 PM SPEREIRA Plotted Thursday, October 7, 2021 2:12:59 PM Stephen Pereira

**WAREHOUSE/  
DISTRIBUTION  
CENTER**  
491,496± S.F.  
FFE=57.0

Matchline  
See C4.01

Matchline  
See C4.02

Matchline  
See C4.03

Matchline  
See C4.04



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

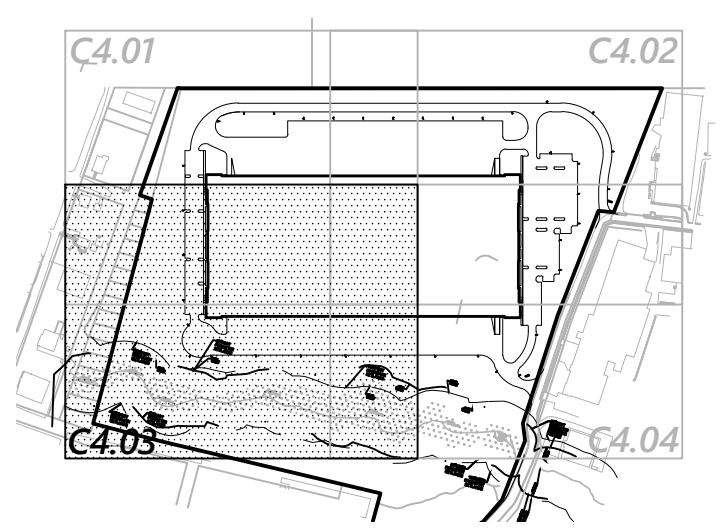
WAREHOUSE/  
DISTRIBUTION  
CENTER  
491,496± S.F.  
FFE=57.0

Matchline  
See C4.01

Matchline  
See C4.02

Matchline  
See C4.03

Matchline  
See C4.04



**Key**  
Not To Scale

**Notes**

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**Proposed Warehouse/Distribution Development**

Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd.
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2	PRELIMINARY/FINAL PERMITS	10/06/2021	

Designed by: **AEC** Checked by: **RLC**  
Issued for: **Permits** Date: **June 1, 2021**

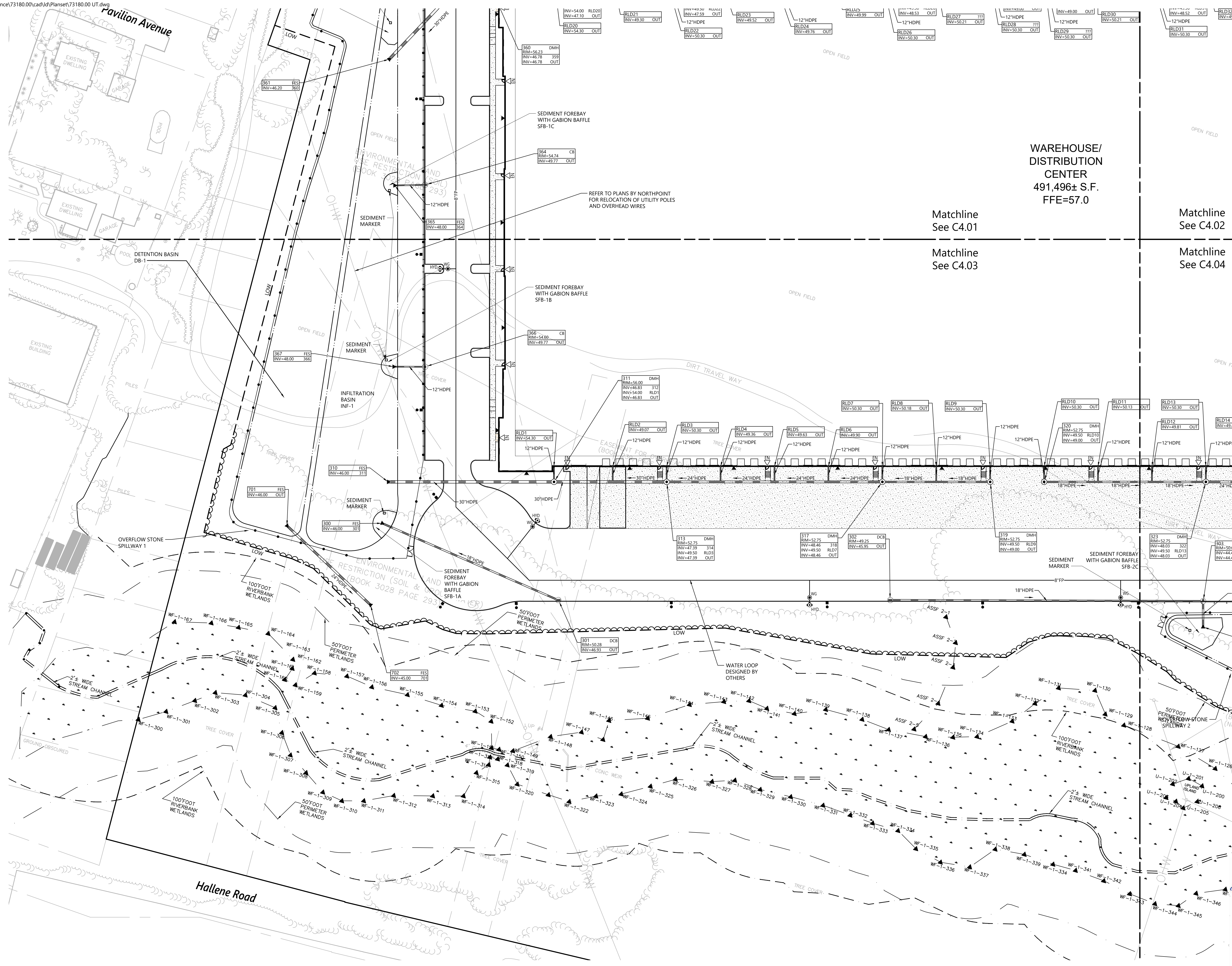
**Utility Plan 3**

PRENEE L. CODEGA  
No. 6517  
REGISTERED PROFESSIONAL ENGINEER  
10/8/2021

**C4.03**

Sheet 15 of 21

Project Number: 73180.00







1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

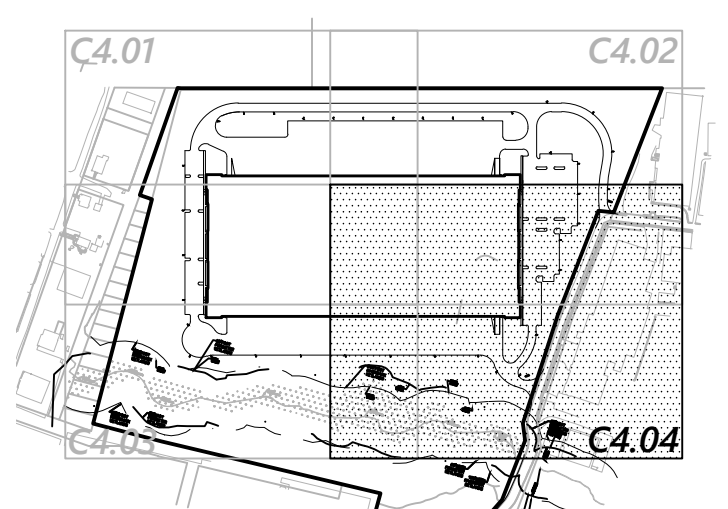
WAREHOUSE/  
DISTRIBUTION  
CENTER  
491,496± S.F.  
FFE=57.0

Matchline  
See C4.01

Matchline  
See C4.02

Matchline  
See C4.03

Matchline  
See C4.04



**Key**  
Not To Scale

**Notes**  
1. SEE PHOTOMETRICS PLAN FOR LIGHT POLE LOCATIONS.  
2. RELOCATION OF ON-SITE AND OFF-SITE UTILITY POLES TO BE COORDINATED WITH NATIONAL GRID. REFER TO PLANS BY NORTHPOINT.  
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**Proposed Warehouse/Distribution Development**  
Hallene Road  
Warwick, Rhode Island

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Designed by: AEC  
Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

Drawing Title  
**Utility Plan 4**

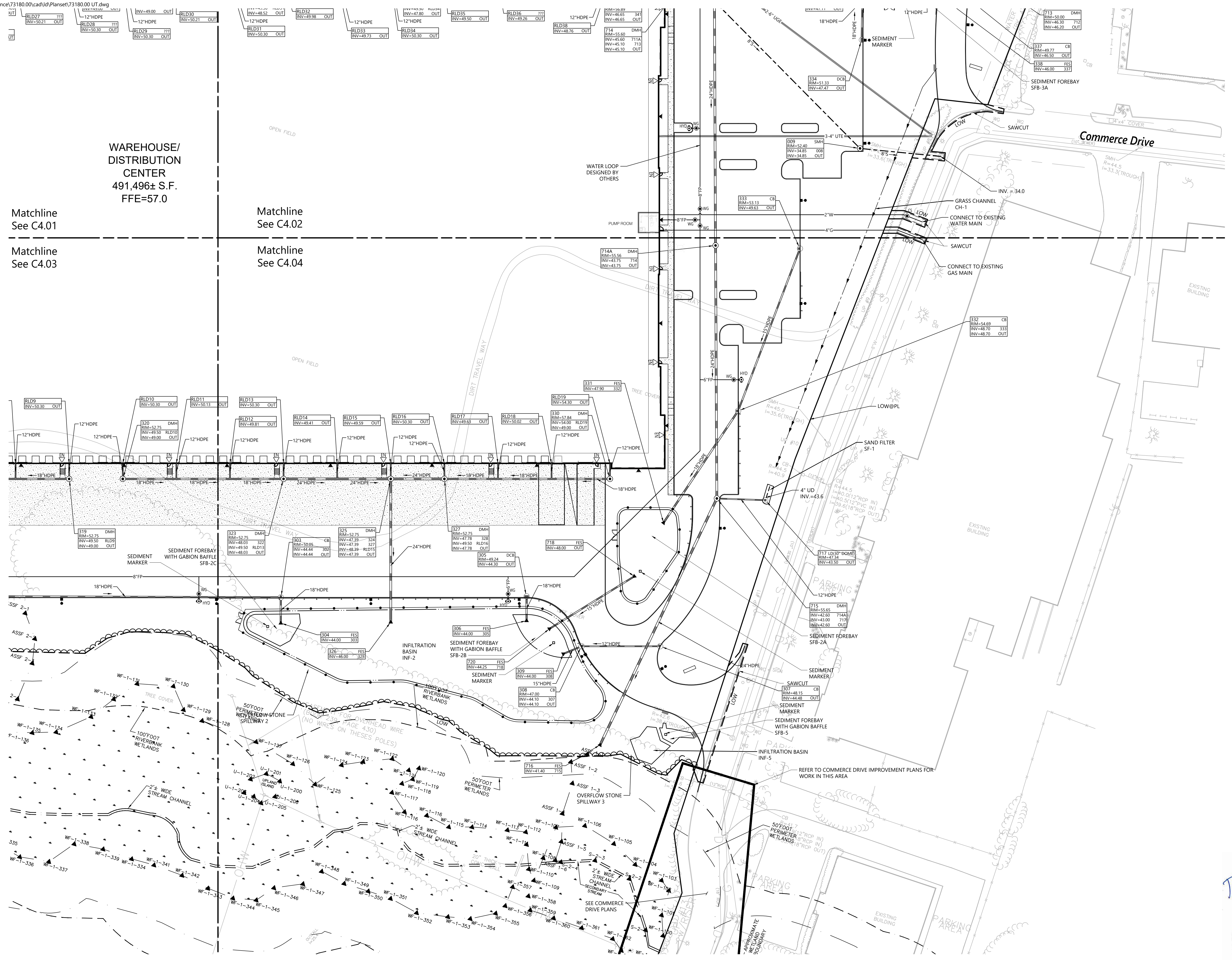
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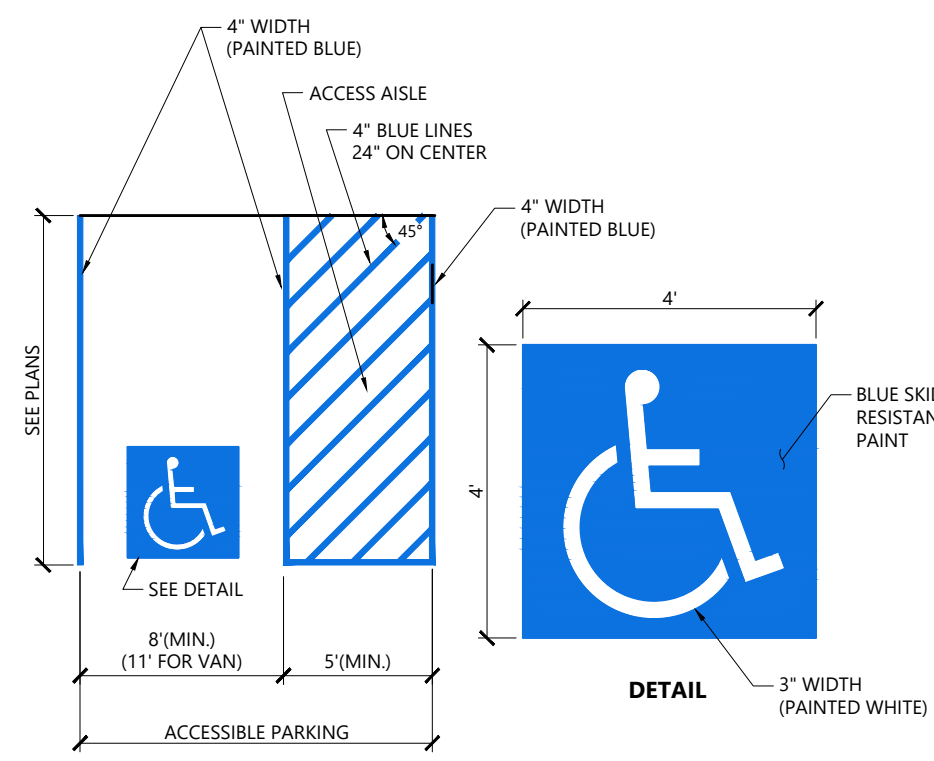
Sheet 16 of 21

Project Number  
73180.00

10/8/2021

PRENEE L. CODEGA  
No. 6517  
REGISTERED PROFESSIONAL ENGINEER



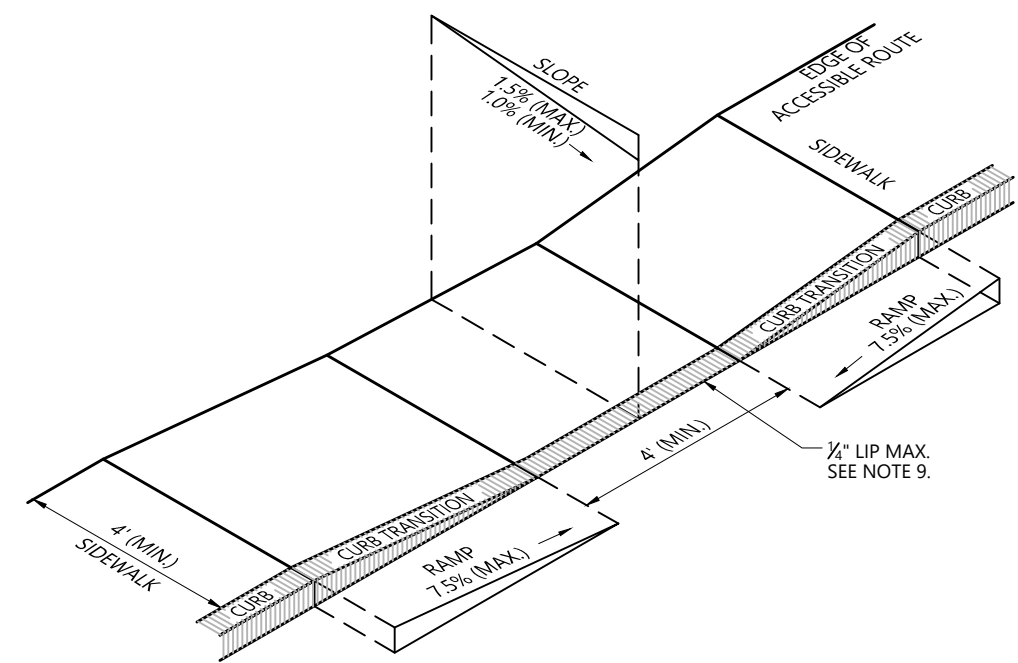


**NOTES**

1. ALL DIMENSIONS TO EDGES OF 4" PAVED STRIPING.
2. 8" STALL WIDTH REFERS TO 8" CLEAR BETWEEN INSIDE EDGES OF PAVED MARKINGS.
3. ALL SLOPES THROUGHOUT THE ACCESSIBLE PARKING AND AISLE AREAS SHALL NOT EXCEED 1.5%.

**Accessible Parking Space**

N.T.S. Source: VHB 1/16 LD\_552

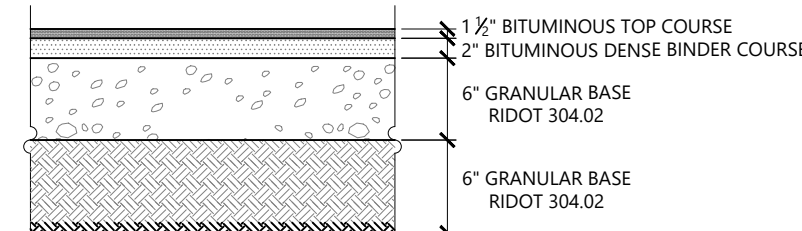


**NOTES**

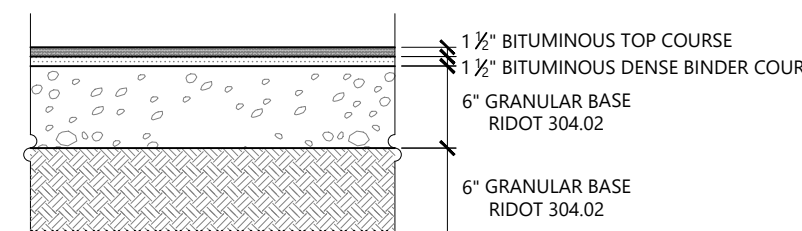
1. THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 1.5 (1% MIN).
2. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMP SHALL BE 5%.
3. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE AT CURB RAMP SHALL BE 7.5% MAX.
4. A MINIMUM OF 3 FEET CLEAR SHALL BE MAINTAINED AT ANY PERMANENT OBSTACLE IN ACCESSIBLE ROUTE (I.E., HYDRANTS, UTILITY POLES, TREE WELLS, SIGNS, ETC.).
5. CURB TREATMENT VARIES. SEE PLANS FOR CURB TYPE.
6. RAMP, CURB, AND ADJACENT PAVEMENTS SHALL BE GRADED TO PREVENT PONDING.
7. SEE TYPICAL SIDEWALK SECTION FOR RAMP CONSTRUCTION.
8. WHERE ACCESSIBLE ROUTES ARE LESS THAN 5' IN WIDTH (EXCLUDING CURBING) A 5' x 5' PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200 FEET.
9. ELIMINATE CURBING AT RAMP (OTHER THAN VERTICAL CURBING, WHICH SHALL BE SET FLUSH) WHERE IT ABUTS ROADWAY.

**Accessible Curb Ramp (ACR) Type 'A'**

N.T.S. Source: VHB 1/16 LD\_500



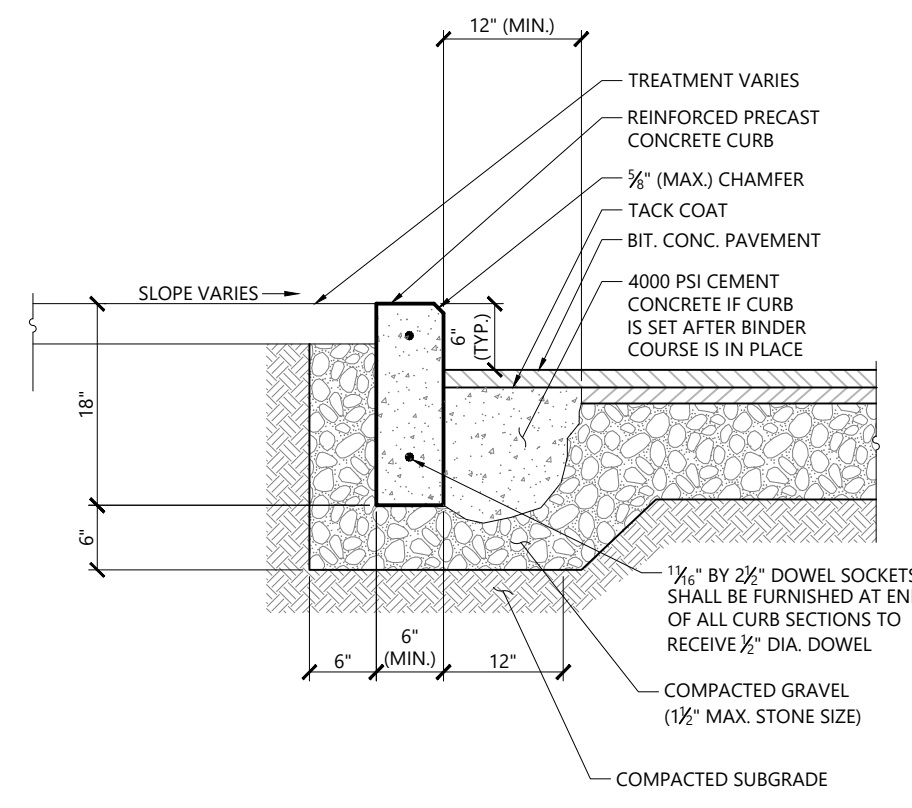
**HEAVY DUTY FLEXIBLE PAVEMENT**



**STANDARD DUTY FLEXIBLE PAVEMENT**

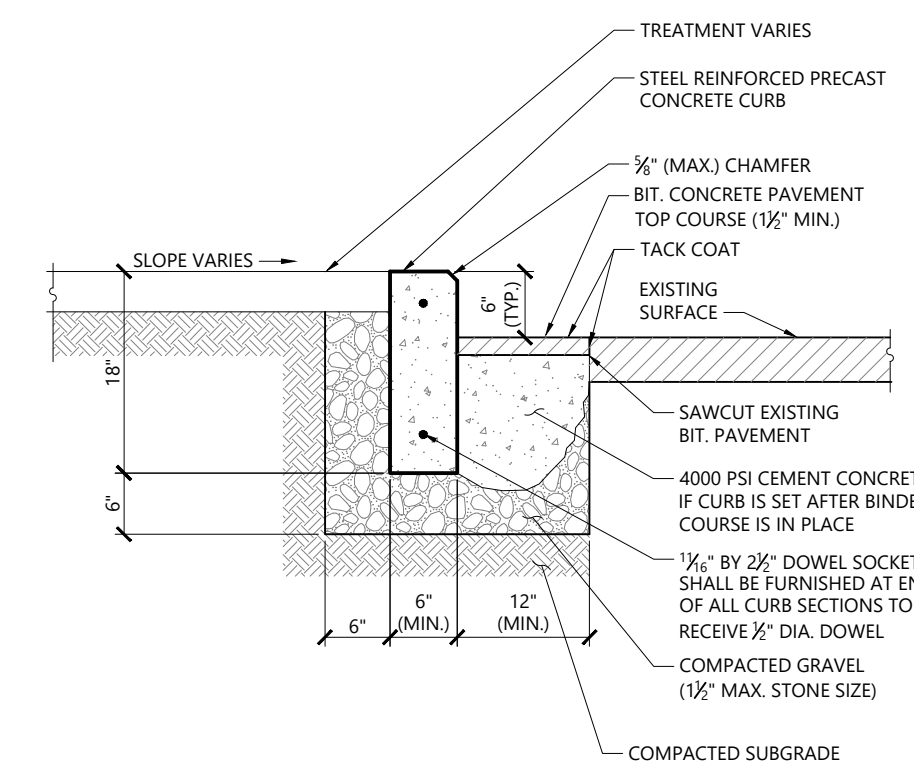
**Bituminous Concrete Pavement Sections**

N.T.S. Source: VHB 1/16 LD\_4305



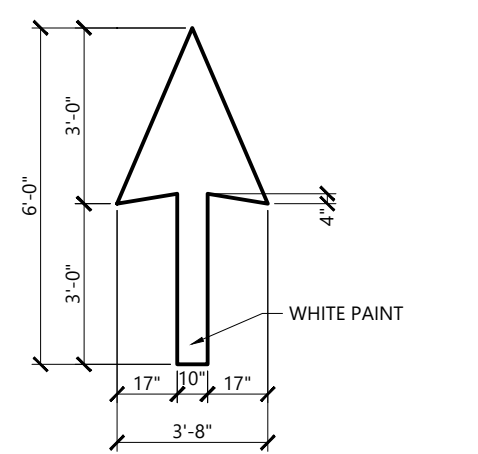
**Precast Concrete Curb (PCC)**

N.T.S. Source: VHB 1/16 LD\_404



**Precast Concrete Curb (PCC) Set In Existing Pavement**

N.T.S. Source: VHB 1/16 LD\_405

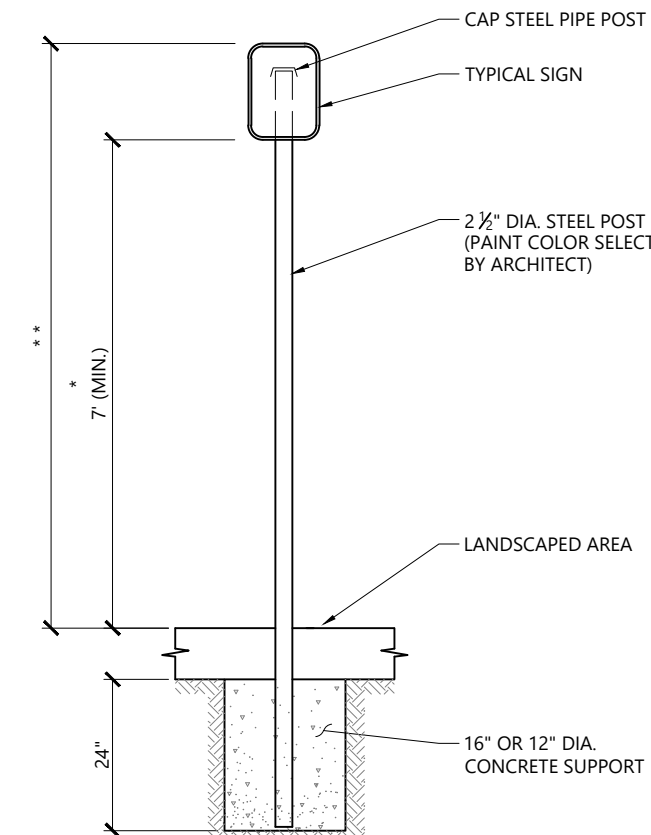


**NOTES**

1. PAVEMENT MARKINGS TO BE INSTALLED FOR ON SITE WORK IN LOCATIONS SHOWN.

**Painted Pavement Markings - On Site**

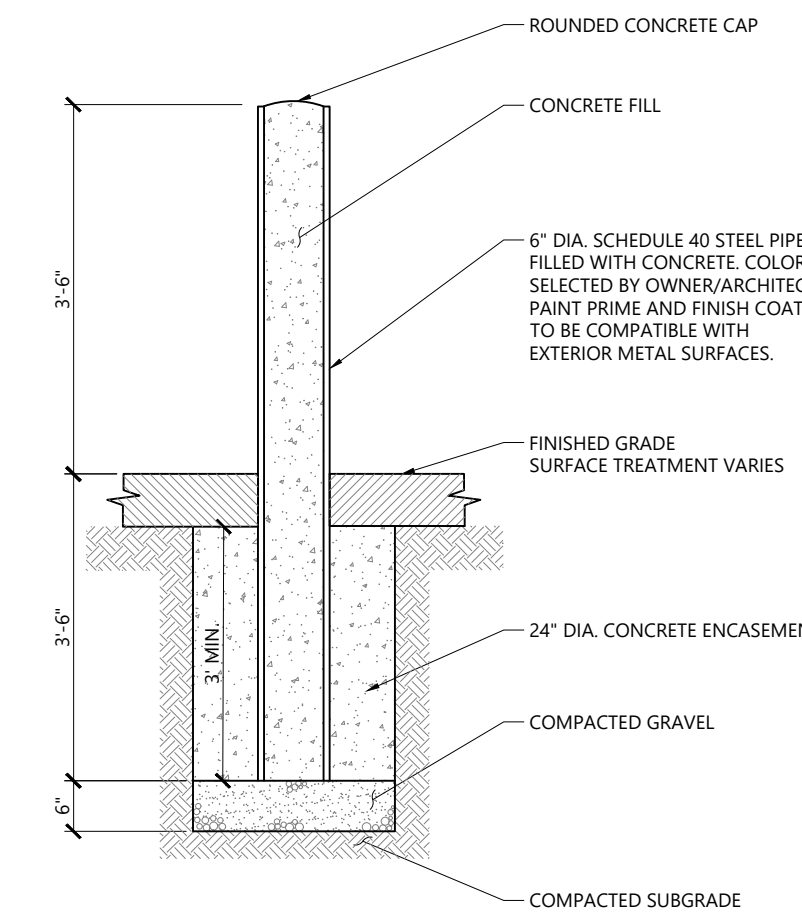
N.T.S. Source: VHB 1/16 LD\_554



- \* THIS DIMENSION SHALL BE A MINIMUM OF 5' FOR ACCESSIBLE SIGNAGE.
- \* THIS DIMENSION SHALL BE A MAXIMUM OF 8' FOR ACCESSIBLE SIGNAGE.

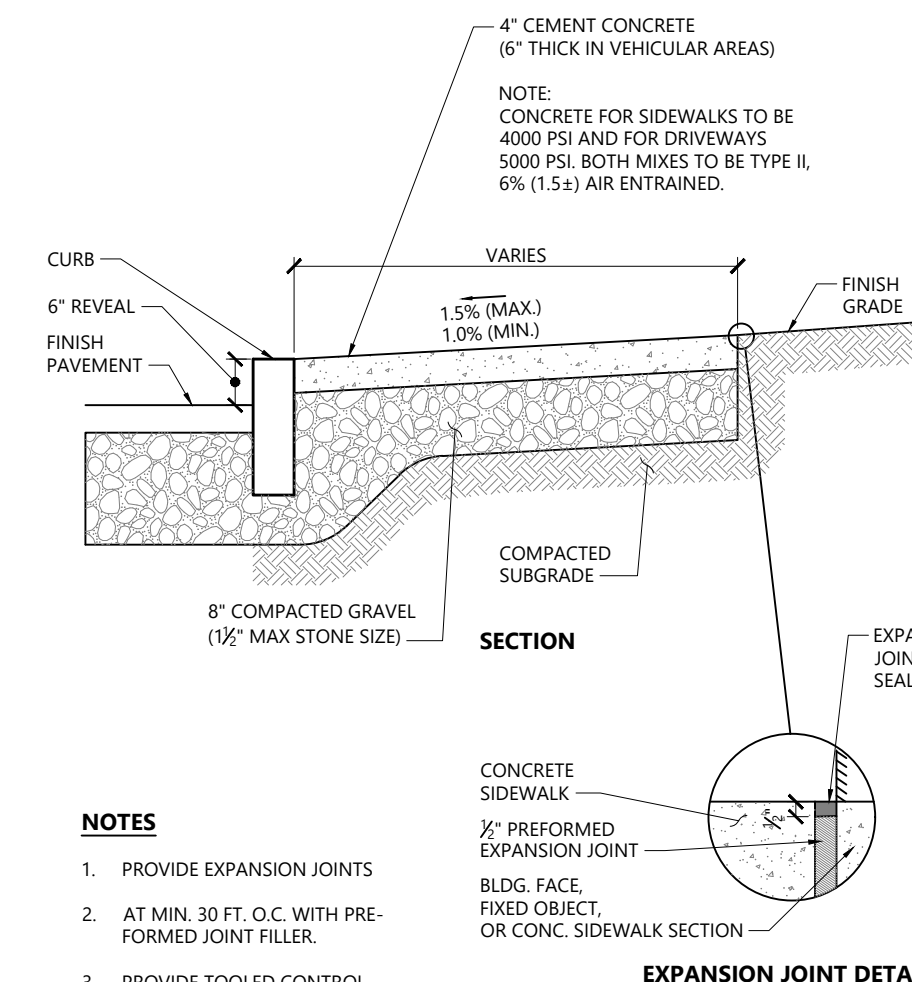
**Sign Post - Type 'A'**

N.T.S. Source: VHB 1/16 LD\_701



**Bollard**

N.T.S. Source: VHB 9/17 LD\_700

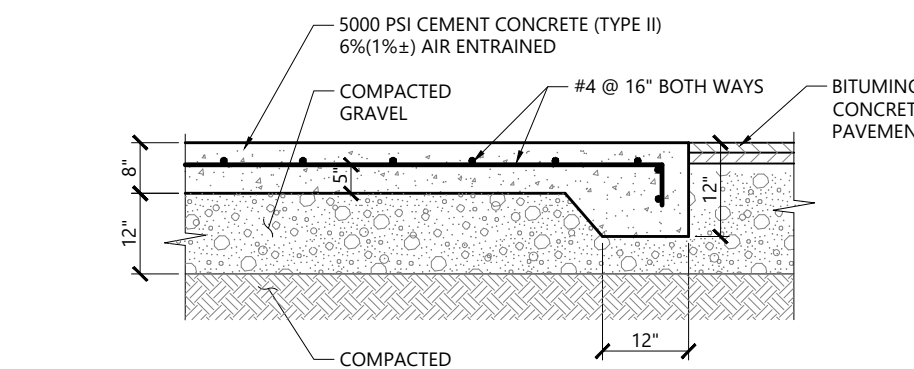


**NOTES**

1. PROVIDE EXPANSION JOINTS
2. AT MIN. 30 FT. O.C. WITH PRE-FORMED JOINT FILLER.
3. PROVIDE TOOLED CONTROL JOINTS AT 6' O.C.
4. PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.

**Concrete Sidewalk**

N.T.S. Source: VHB 1/16 LD\_420

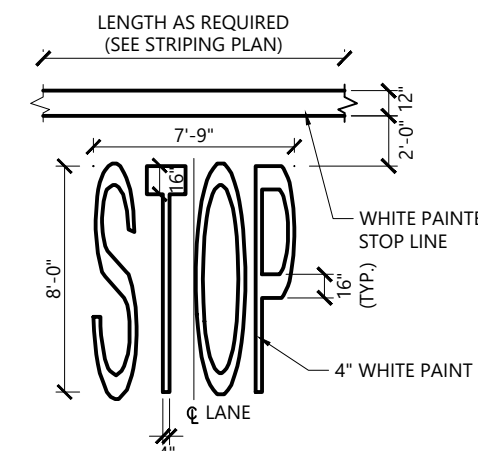


**NOTES**

1. SIZE OF PAD TO BE AS INDICATED ON PLANS.
2. CONSTRUCTION JOINTS SHALL BE SPACED NO MORE THAN 30 FEET ON CENTER AND SHALL BE EQUALLY SPACED OVER THE LENGTH AND WIDTH OF THE PAD.

**Loading Dock Pad**

N.T.S. Source: VHB 1/16 LD\_711

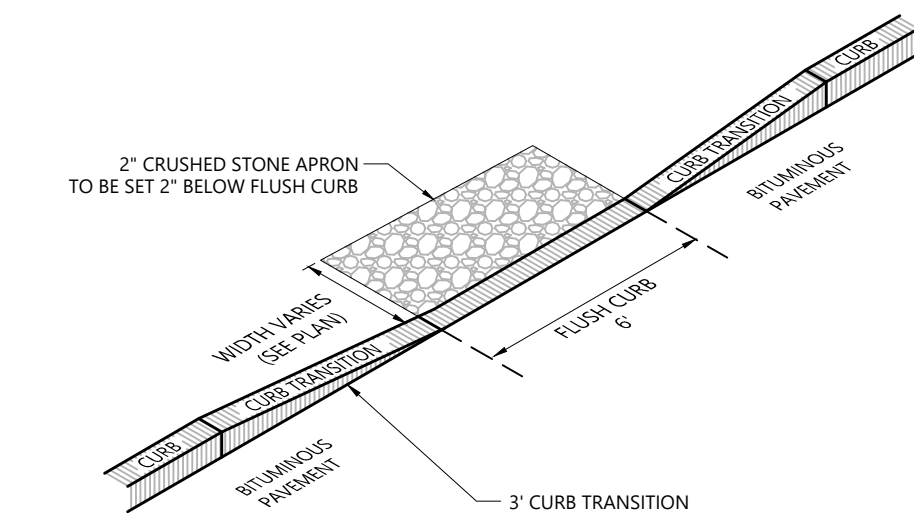


**NOTES**

1. PAVEMENT MARKINGS TO BE INSTALLED FOR ON SITE WORK IN LOCATIONS SHOWN.

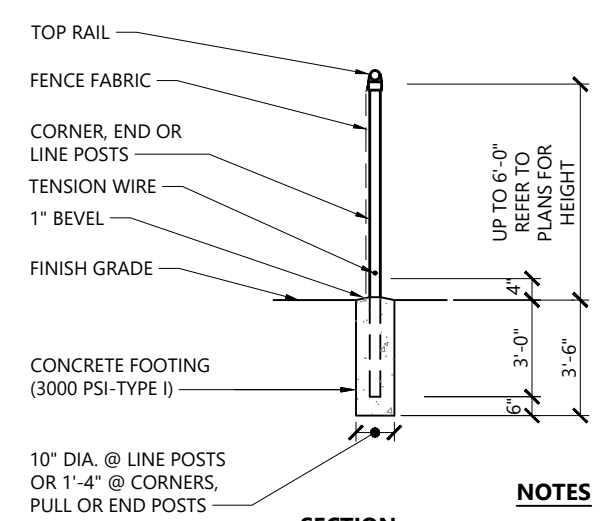
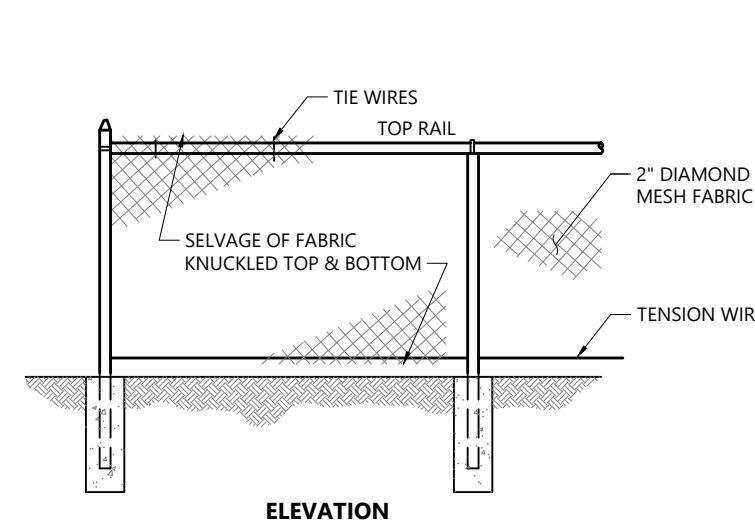
**Painted Pavement Markings - On Site**

N.T.S. Source: VHB 1/16 LD\_554



**Curb Break**

N.T.S. Source: VHB 1/16 LD\_420

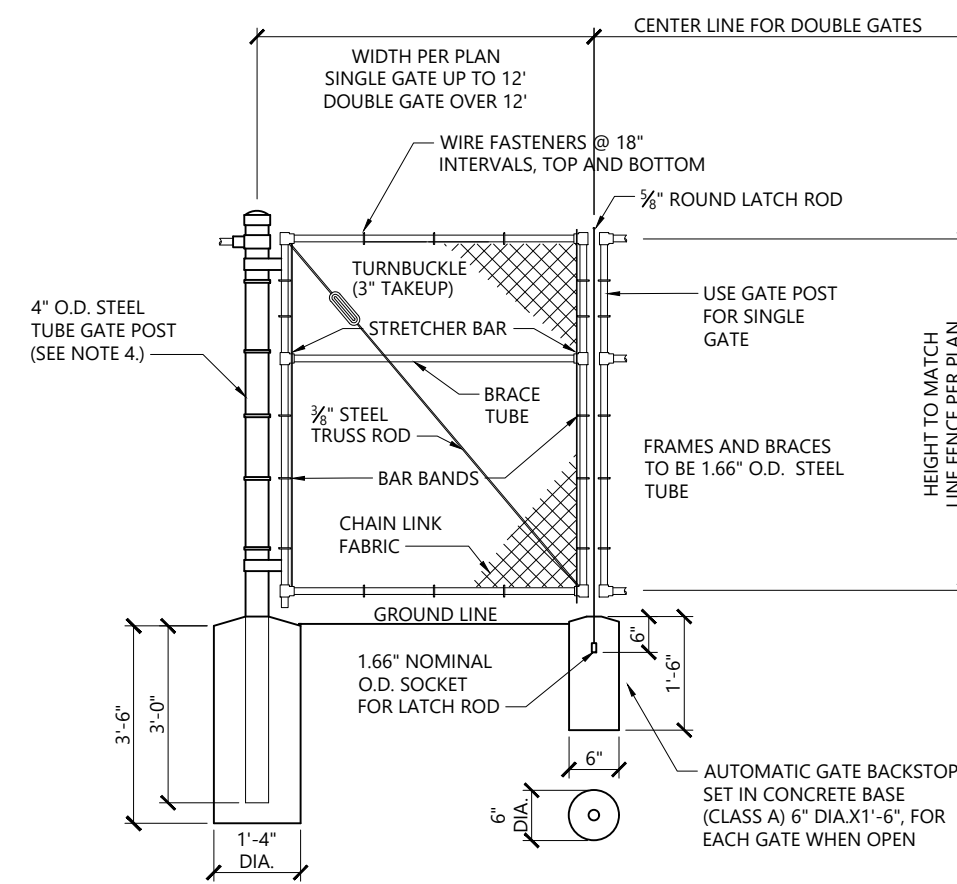


**NOTES**

1. MATERIALS TO BE SUPPLIED AND INSTALLED IN CONFORMANCE WITH "CHAIN LINK MANUFACTURER'S INSTITUTE" PRODUCT MANUAL.

**Chain Link Fence up to 6'**

N.T.S. Source: VHB 1/16 LD\_481

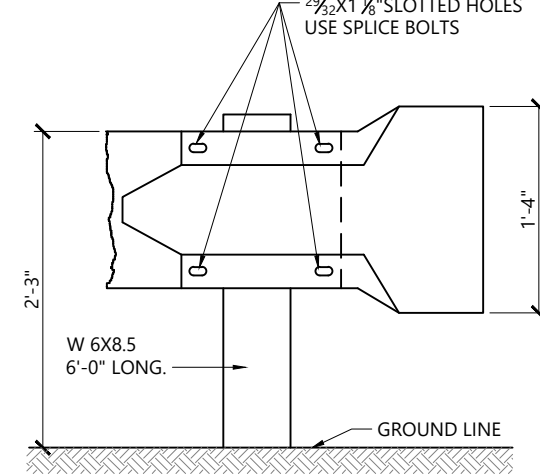
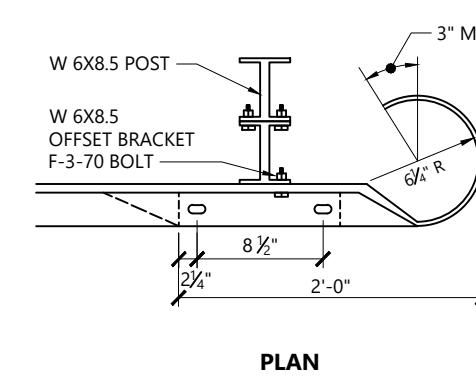


**NOTES**

1. CHAIN LINK FABRIC FOR GATES TO BE THE SAME AS REQUIRED FOR FENCE.
2. GATE POST BASE-PORTLAND CEMENT CONCRETE (3000 PSI).
3. FENCE FABRIC, POSTS, FRAMEWORKS, AND HARDWARE SHALL BE GALVANIZED STEEL PER SPECIFICATIONS.
4. GATE POSTS TO BE USED ON EACH SIDE OF SINGLE AND DOUBLE GATE OPENINGS.

**Chain Link Fence Gate**

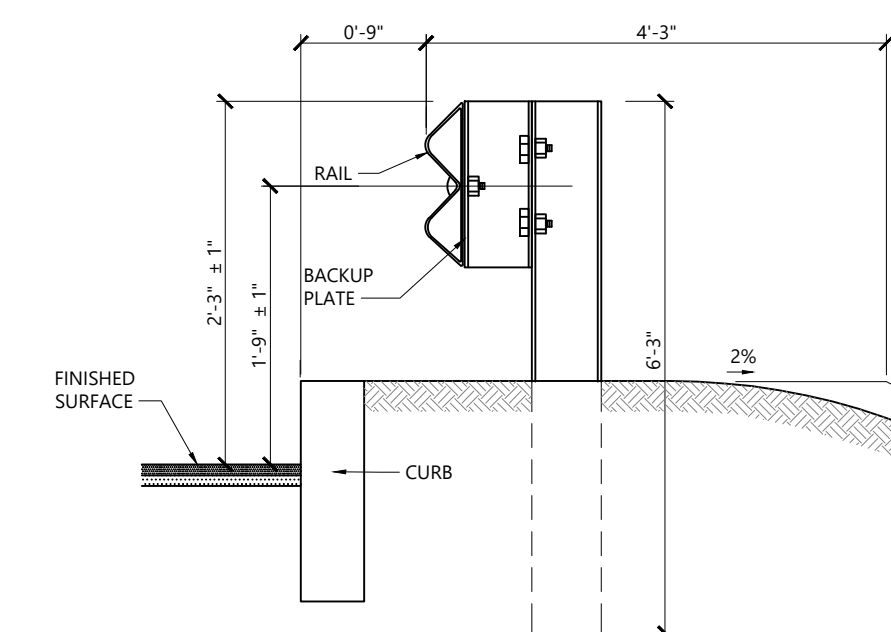
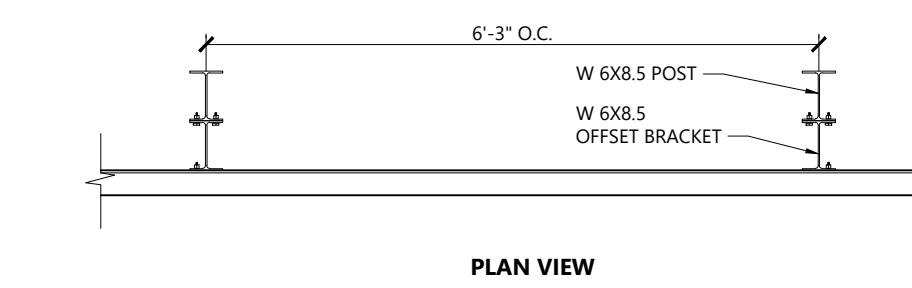
N.T.S. Source: VHB 1/16 LD\_482



**ELEVATION**

**Terminal End Section**

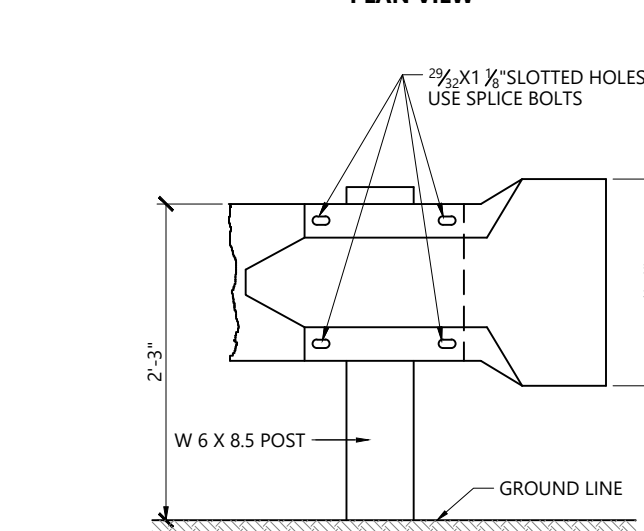
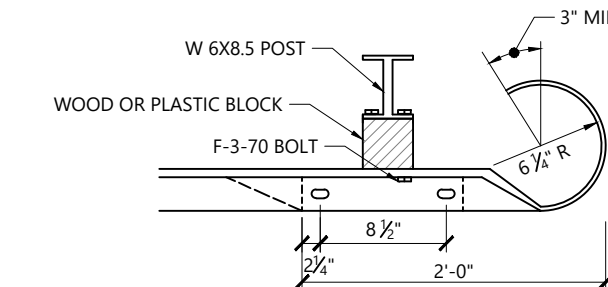
N.T.S. Source: VHB 1/16 LD\_457



**SECTION VIEW**

**Steel Beam Guardrail with Steel Post**

N.T.S. Source: VHB 1/16 LD\_456



**ELEVATION VIEW**

**Steel Beam Guardrail with Steel Post**

N.T.S. Source: VHB 1/16 LD\_456

**Proposed Warehouse/Distribution Development**

Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

Designed by: AEC Checked by: RLC  
Issued for: Permits Date: June 1, 2021

Drawing Title: **Site Details 1**

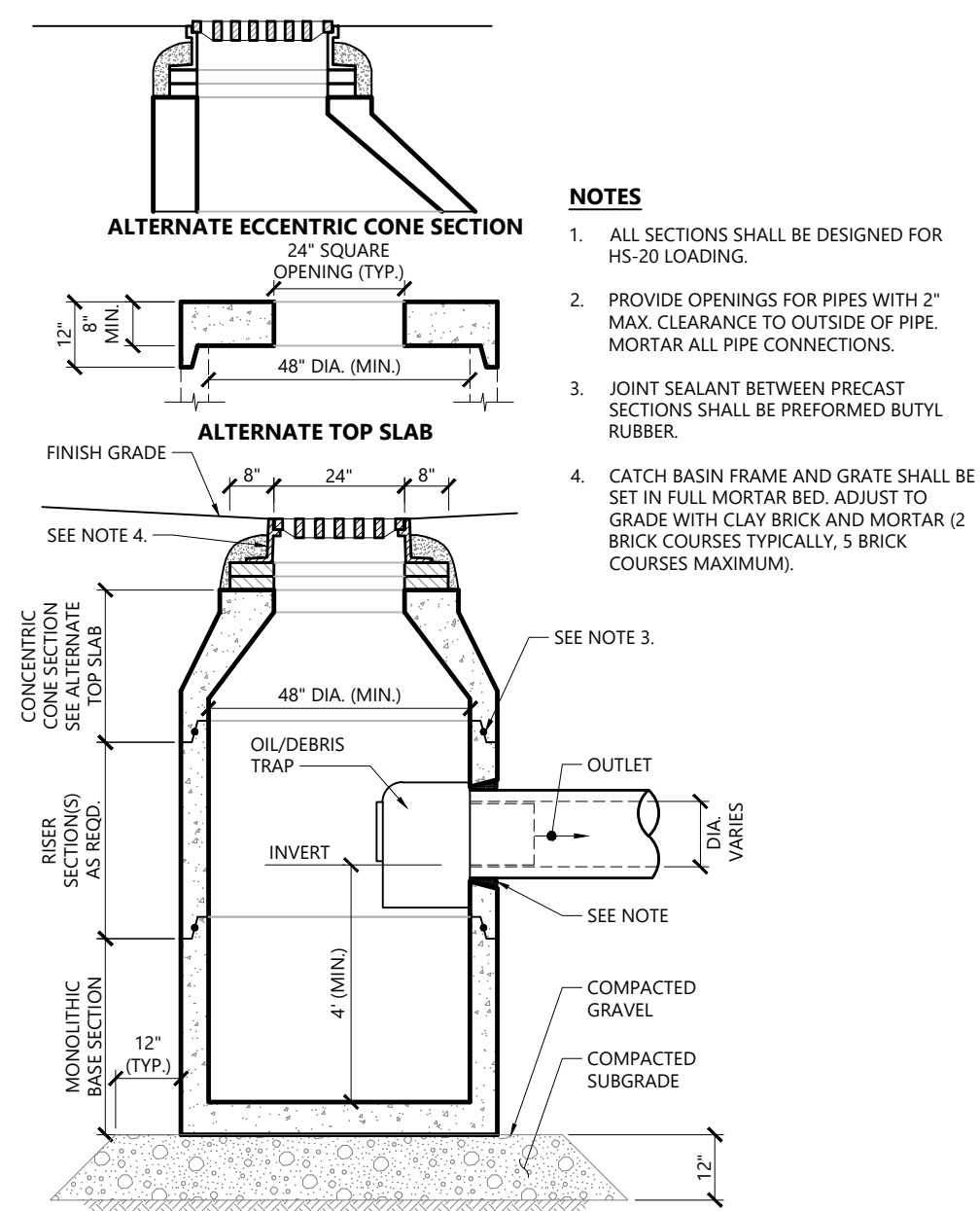
Drawing Number: **C5.01**

Sheet 17 of 21

Project Number: 73180.00

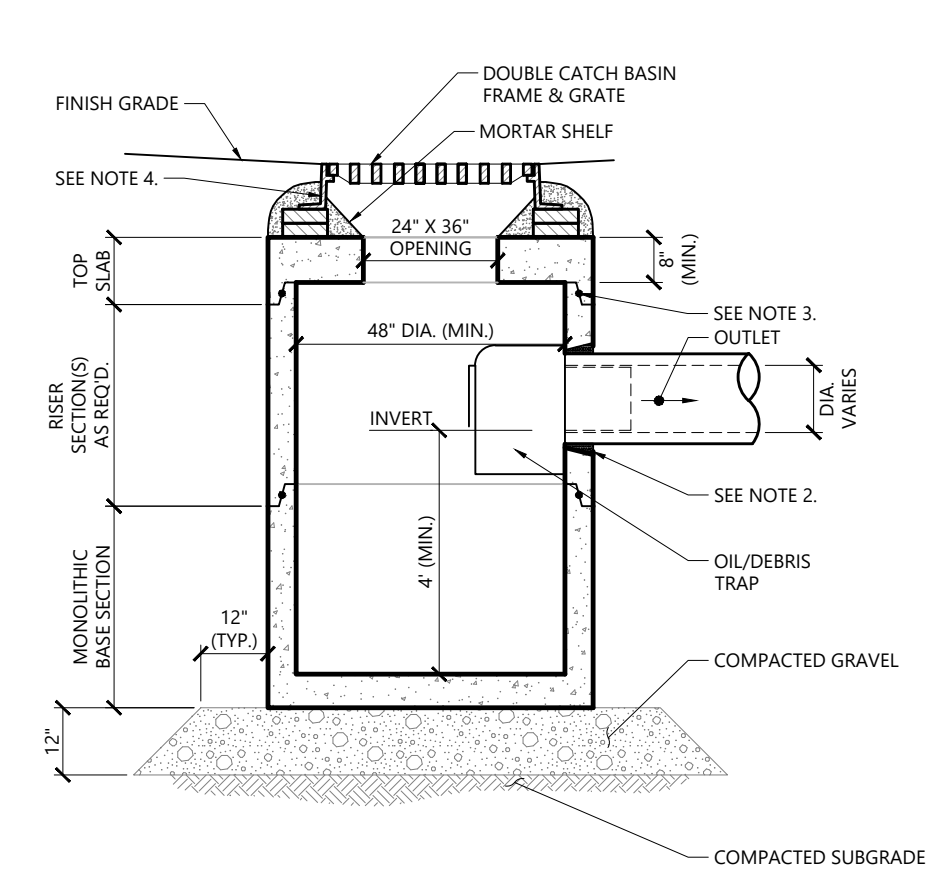
Professional Engineer Seal for **Renée L. Codega**, No. 6517, Registered Professional Engineer, State of Rhode Island.

Date: 10/18/2021



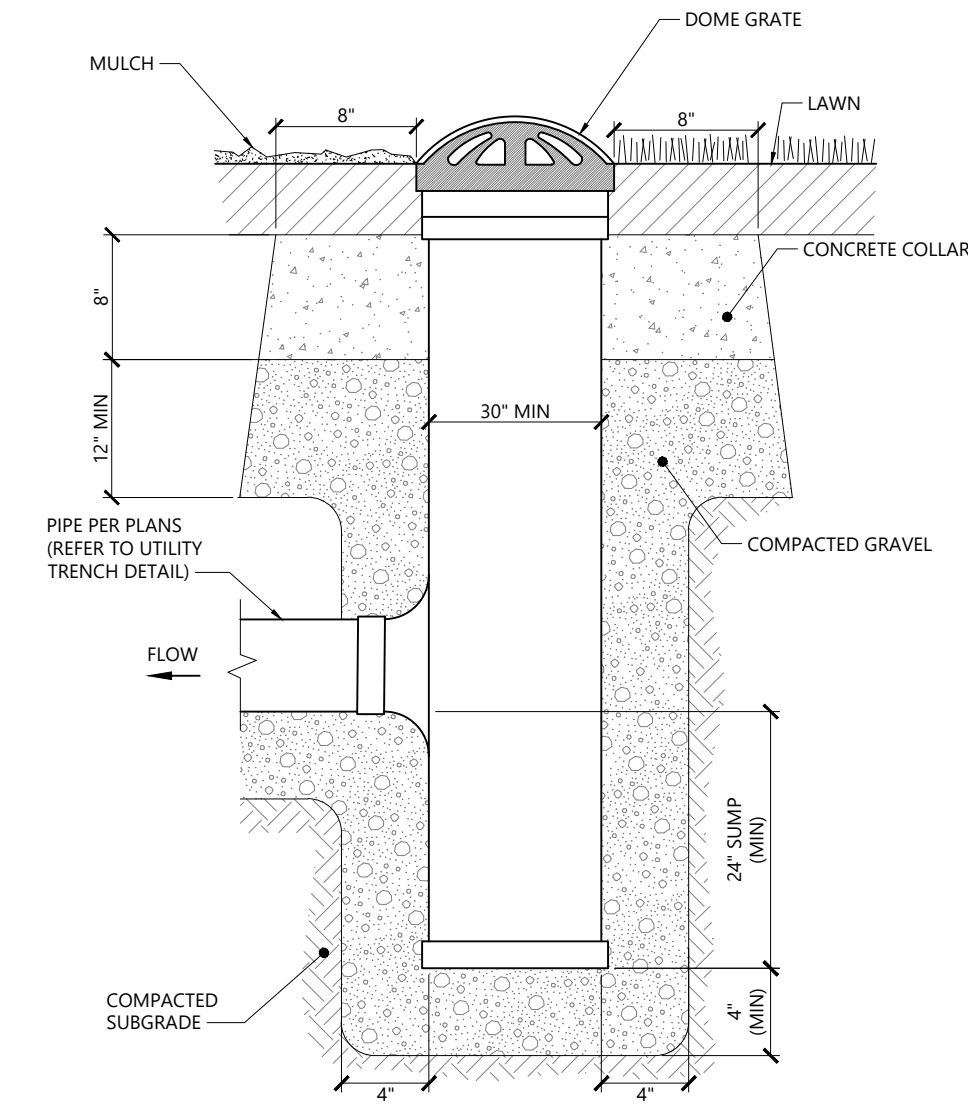
- NOTES**
1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
  2. PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
  3. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PERFORMED BUTYL RUBBER.
  4. CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).

**Catch Basin (CB) With Oil/Debris Trap** 1/16  
N.T.S. Source: VHB LD\_101



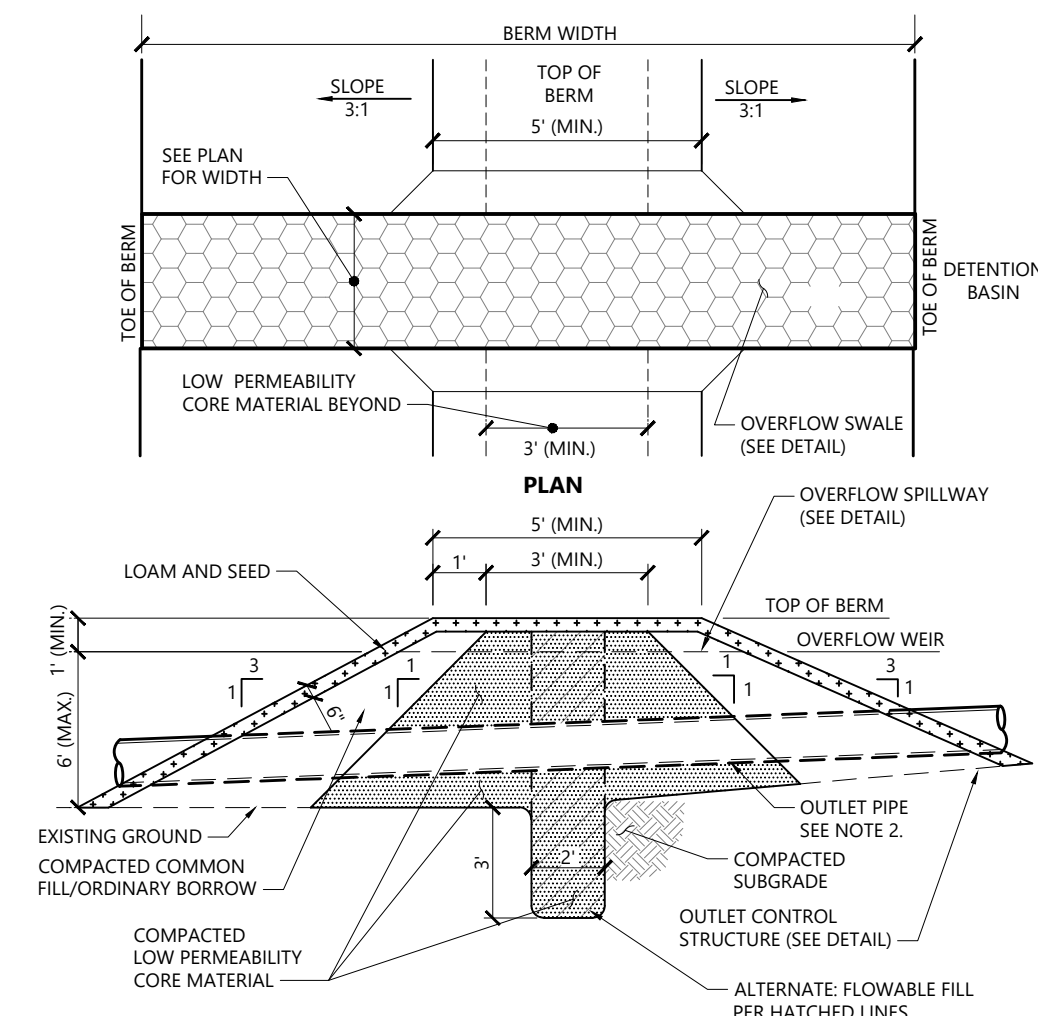
- NOTES**
1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
  2. PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
  3. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE BUTYL RUBBER.
  4. DOUBLE CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).

**Double Grate Catch Basin (DCB) with Oil/Debris Trap** 1/16  
N.T.S. Source: VHB LD\_103



- NOTES**
1. LANDSCAPE DRAINS SHALL BE NYLOPLAST 30" DRAIN BASIN, OR APPROVED EQUAL.
  2. GRATES SHALL BE NYLOPLAST, 30" DOME GRATE, OR APPROVED EQUAL AS SHOWN ON PLANS.

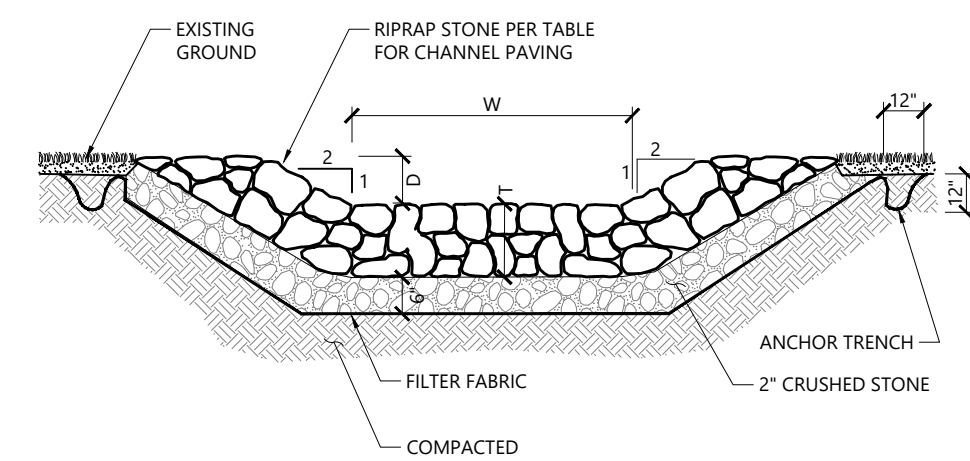
**Landscape Drain (LD)** 9/17  
N.T.S. Source: VHB LD\_197



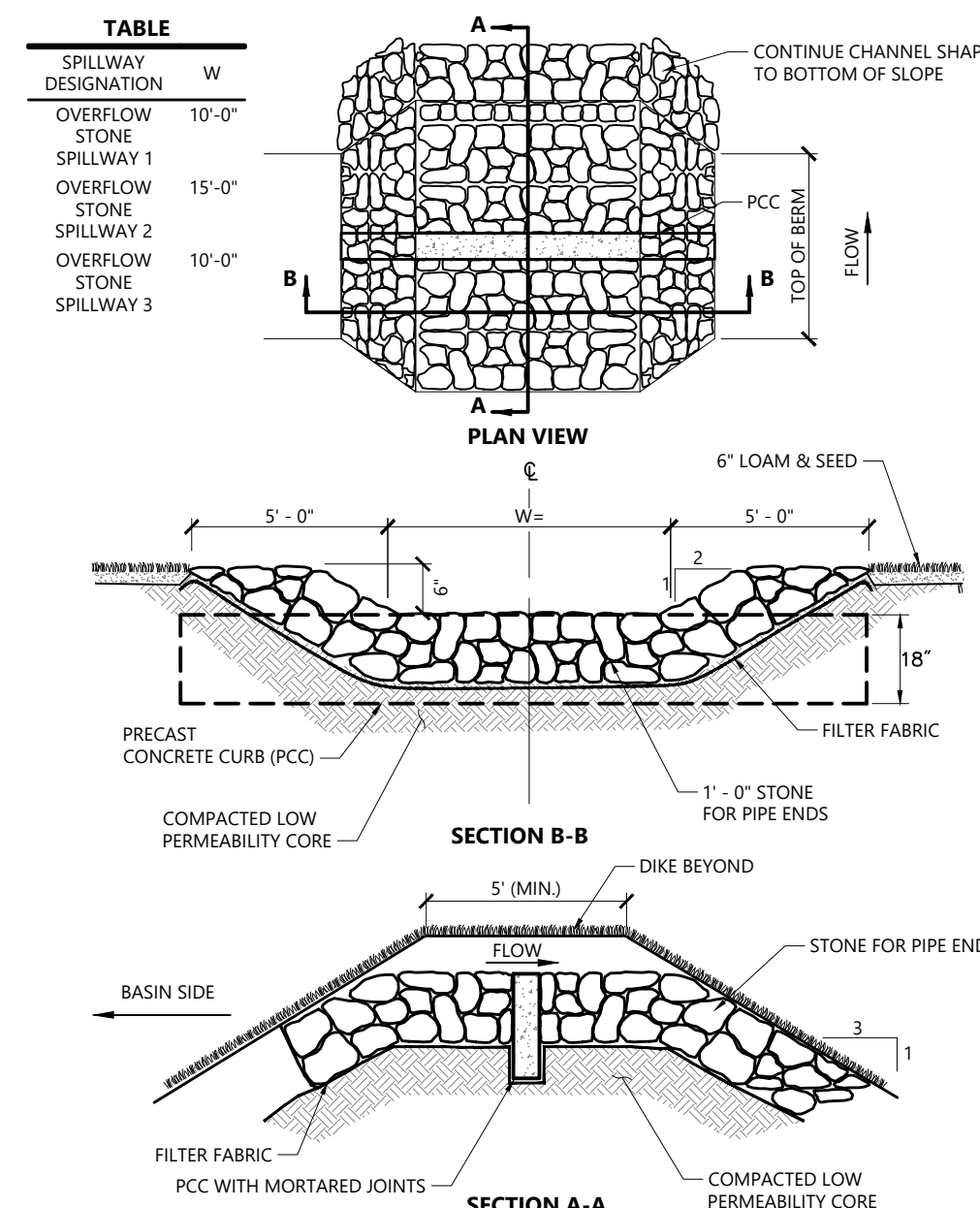
- NOTES**
1. LOW PERMEABILITY CORE MATERIAL IS CONTINUOUS FOR THE FULL LENGTH OF THE BERM.
  2. WHERE PIPES PENETRATE THE LOW PERMEABILITY CORE, PIPE SHALL BE BEDDED IN THE LOW PERMEABILITY CORE MATERIAL.
  3. THE BERM SECTION IS SUBJECT TO CHANGE AND WILL BE BASED ON THE RESULTS OF FURTHER GEOTECHNICAL INVESTIGATIONS.

**Detention Basin Berm Section** 3/19  
N.T.S. Source: VHB REV LD\_160

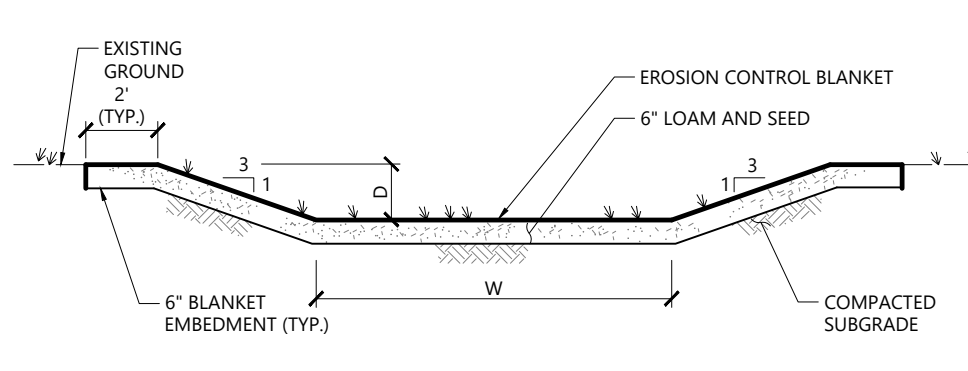
CHANNEL DESIGNATION	W	T	D	STONE DIA. (D <sub>50</sub> )
RC-1	11'-0"	1'-6"	0'-6"	
RC-2	11'-0"	1'-6"	0'-6"	



**Riprap Channel** 1/16  
N.T.S. Source: VHB REV LD\_170

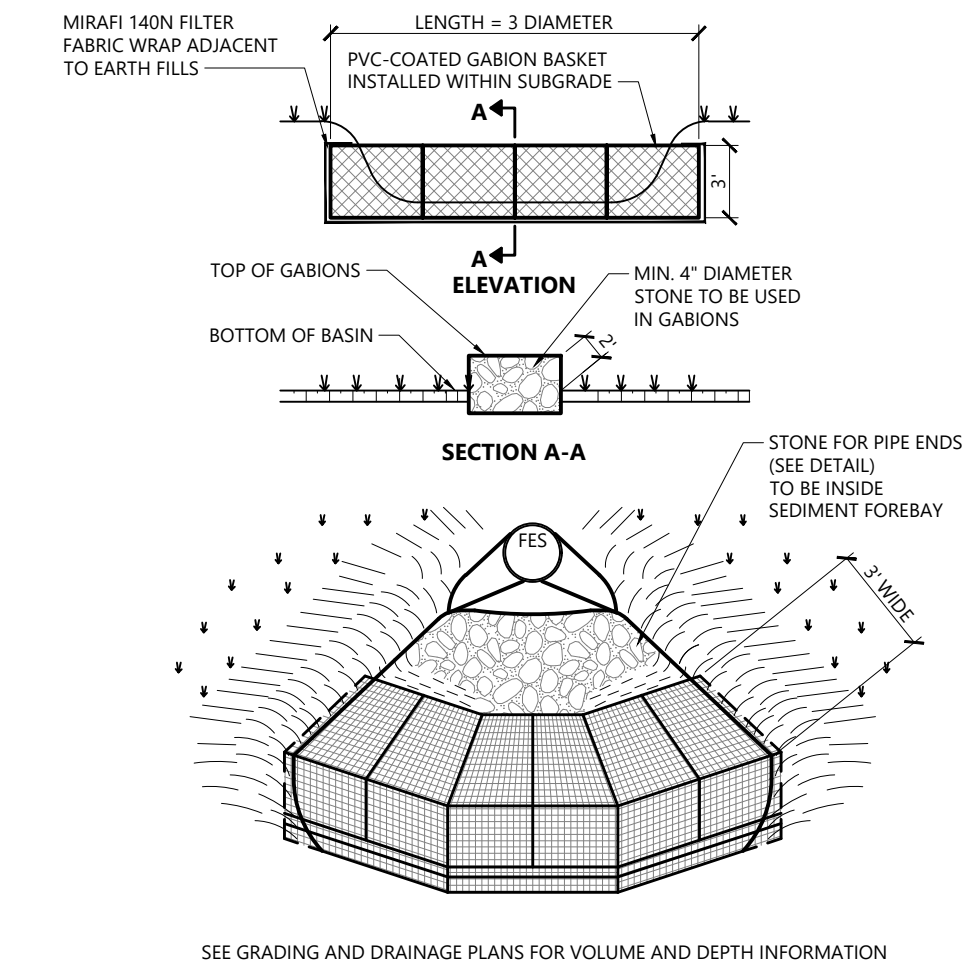


**Overflow Stone Spillway** 1/16  
N.T.S. Source: VHB LD\_161

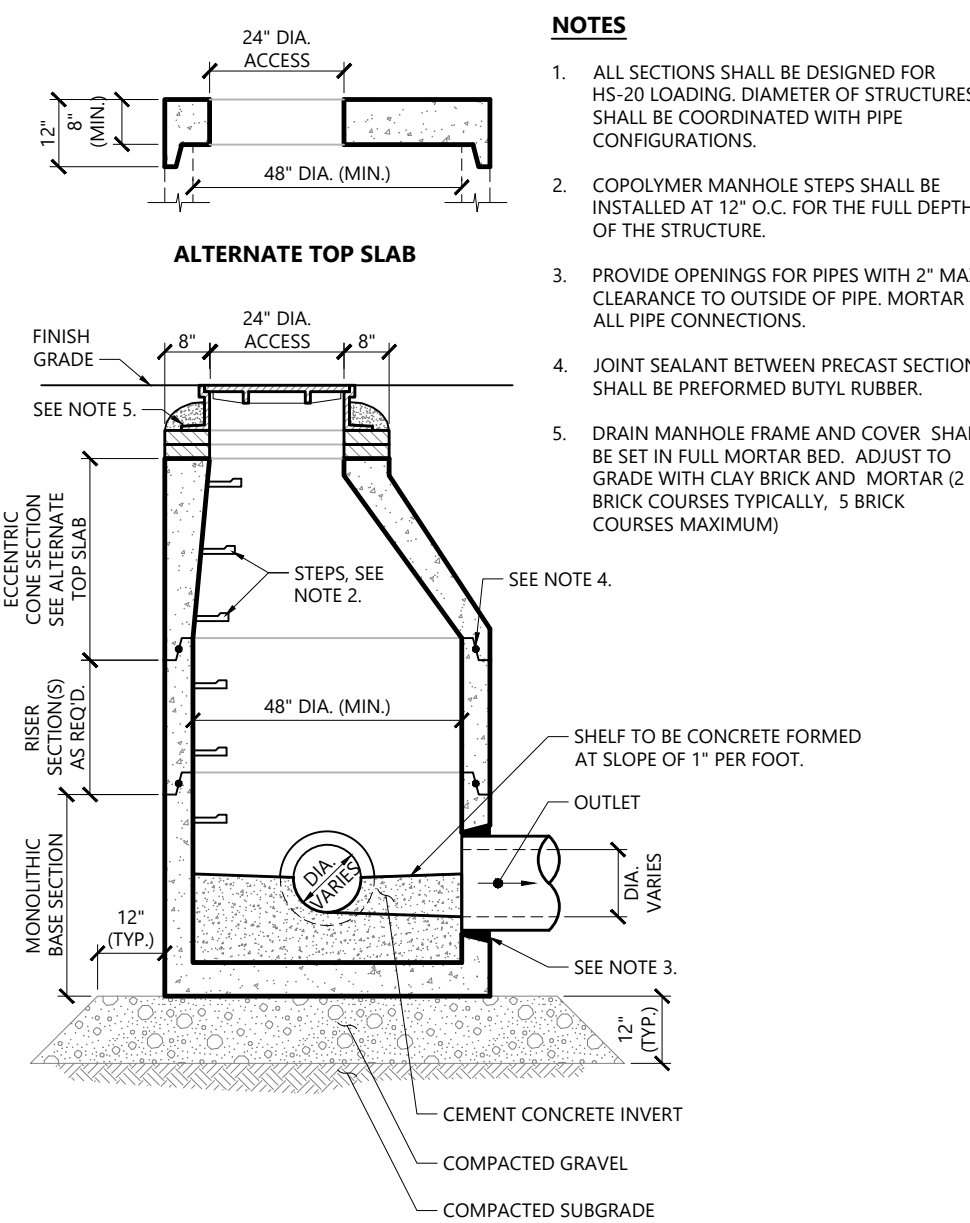


GRASSED CHANNEL	W	D
CH-1	2'-0"	1'-0"

**Grassed Channel** 1/16  
N.T.S. Source: VHB REV LD\_171



**Sediment Forebay with Gabion Baffles** 1/16  
N.T.S. Source: VHB LD\_166



**Drain Manhole (DMH)** 1/16  
N.T.S. Source: VHB LD\_115

**Proposed Warehouse/Distribution Development**

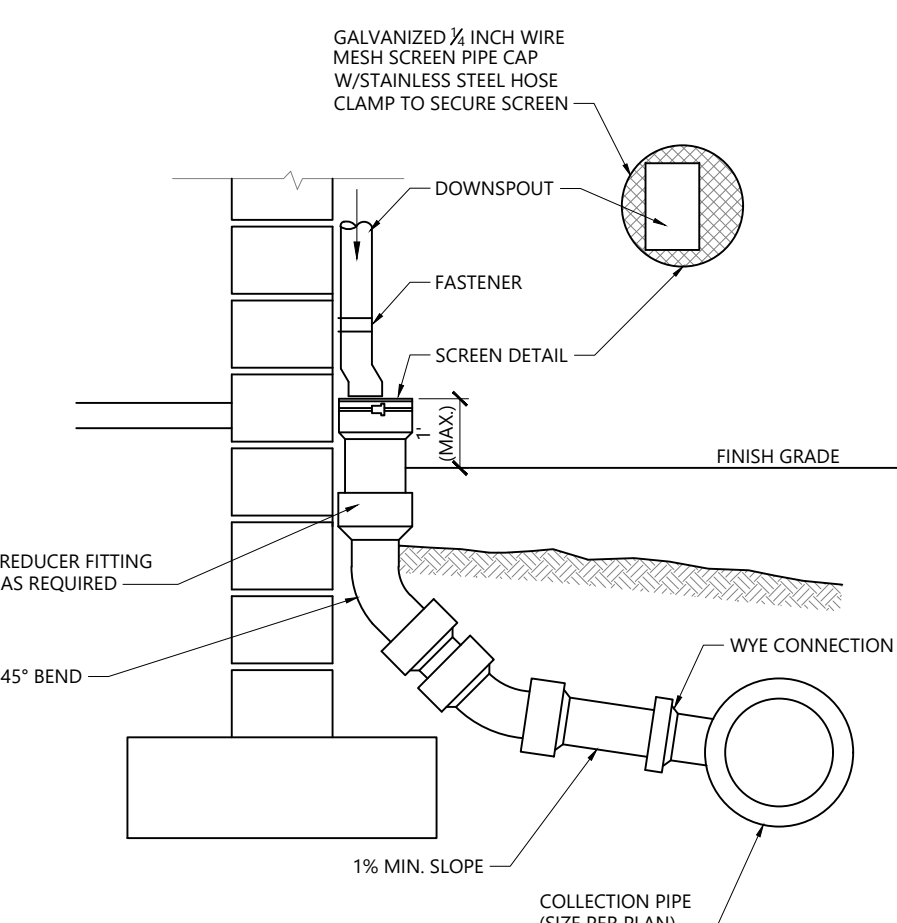
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	Appr'd
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

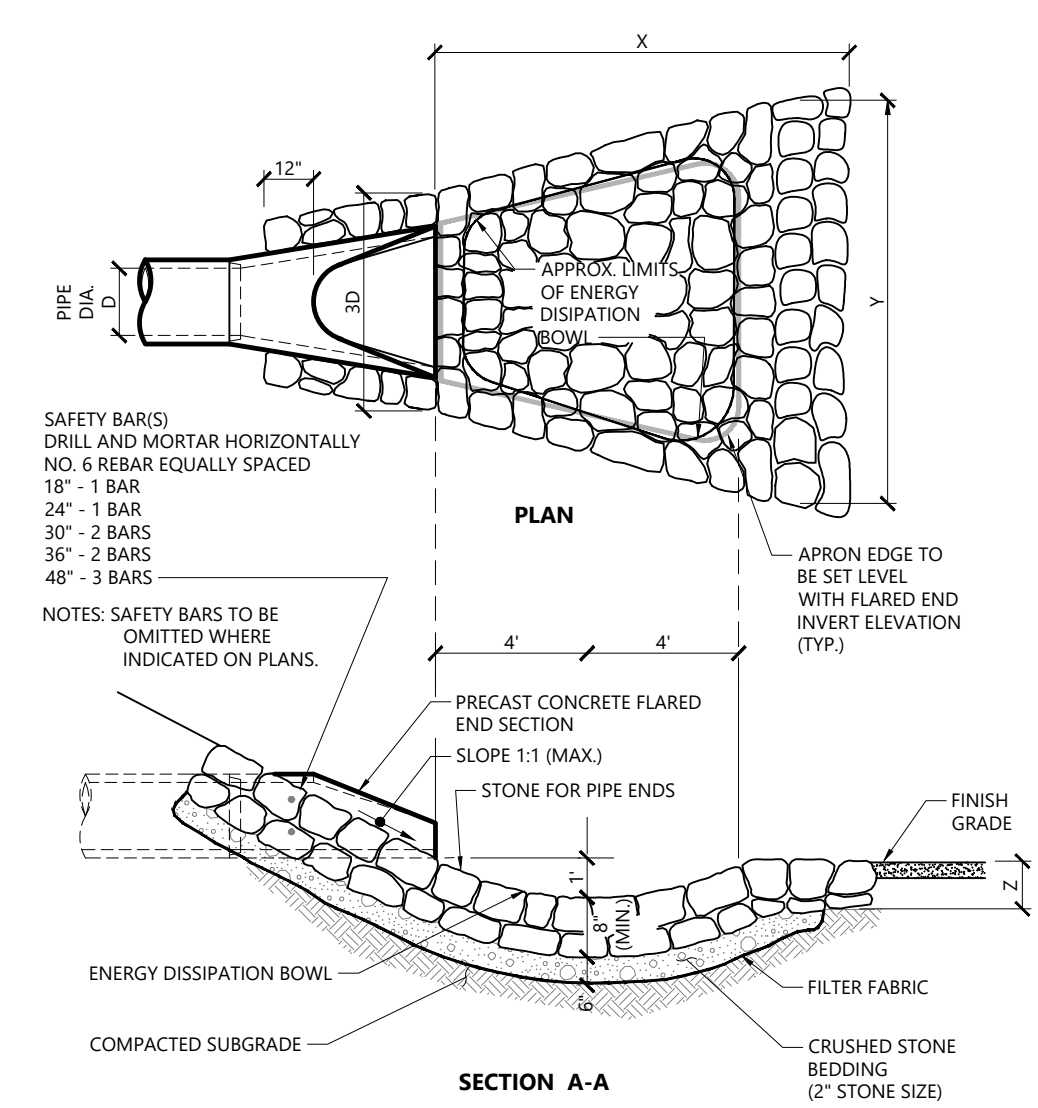
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Issued for: Permits Date: June 1, 2021

**Site Details 2**

Drawing Number: **C5.02**  
Sheet 18 of 21  
Project Number: 73180.00  
Registered Professional Engineer: **PRENEEL L. CODEGA** No. 6517  
Date: 10/8/2021

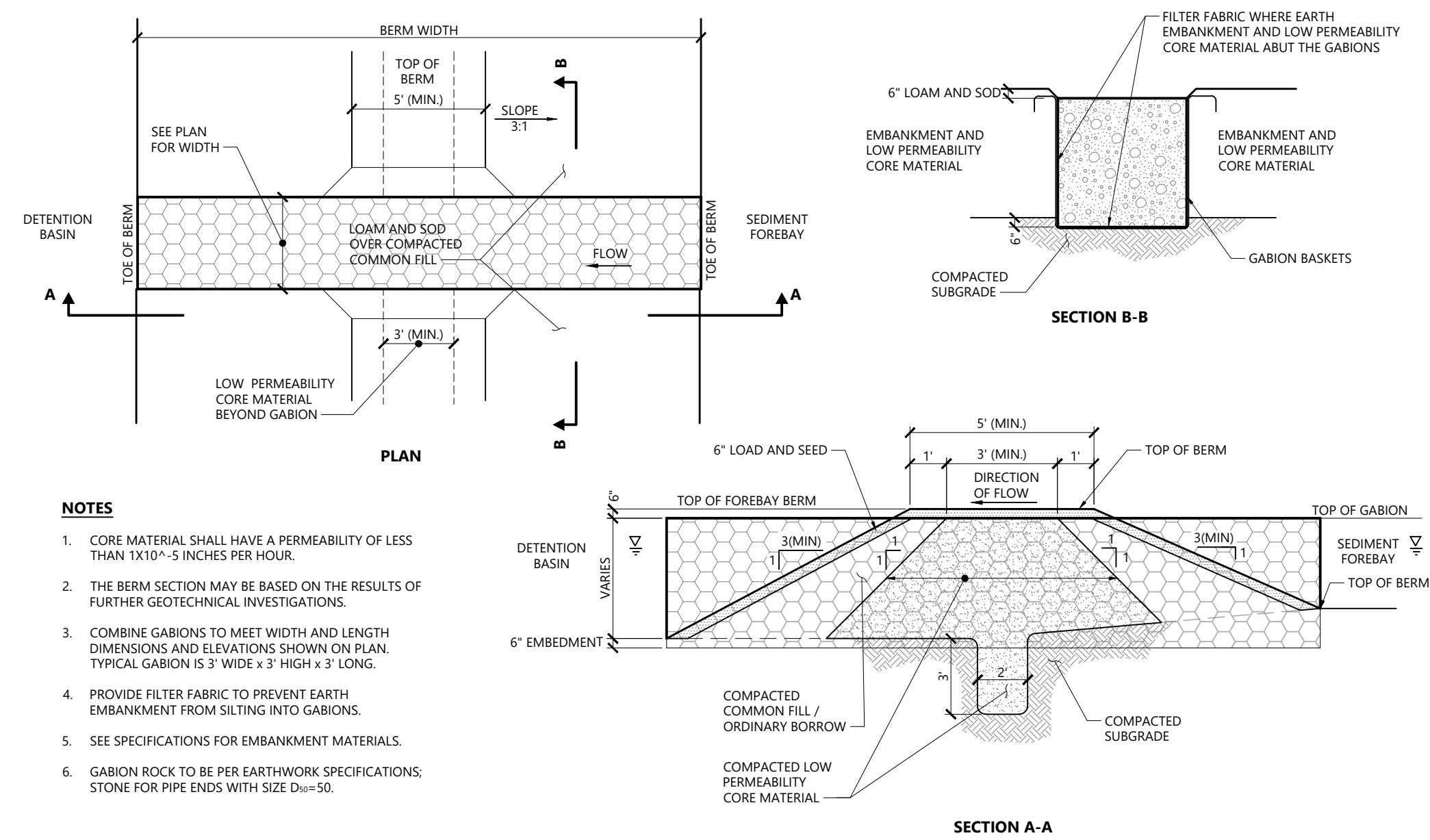


**Downspout Rain Leader** 1/16  
N.T.S. Source: VHB LD\_195

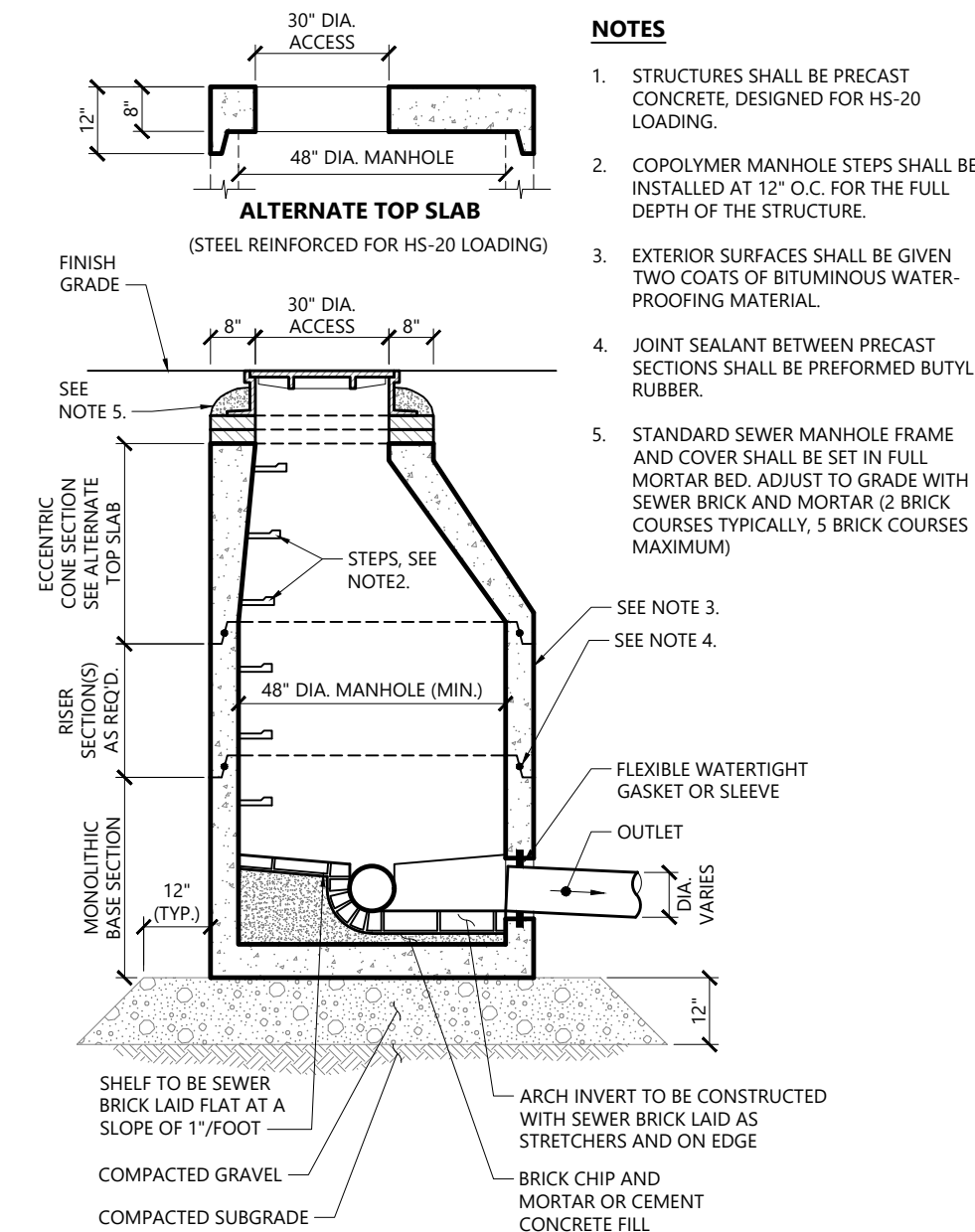


**Flared End Section (FES) with Stone Protection** 3/19  
N.T.S. Source: VHB LD\_134

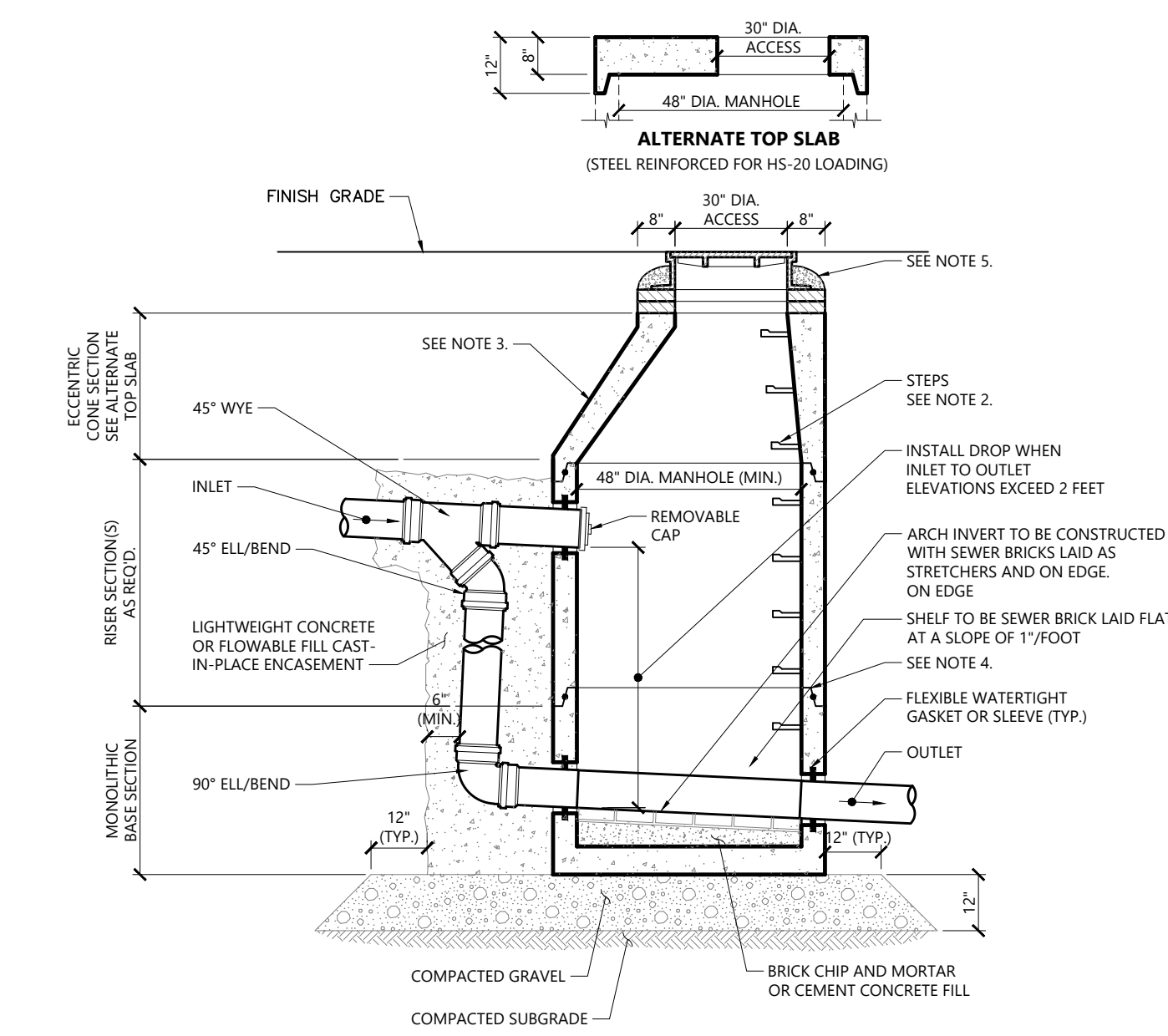
FES NO.	X	Y	Z	STONE DIA. (D <sub>50</sub> )
339	12 ft	8 ft	14 in	6 in
336	8 ft	5 ft	14 in	6 in
338	4 ft	3 ft	14 in	6 in
331	6 ft	4 ft	14 in	6 in
309	6 ft	4 ft	14 in	6 in
306	6 ft	5 ft	14 in	6 in
326	12 ft	7 ft	14 in	6 in
304	8 ft	5 ft	14 in	6 in
300	8 ft	5 ft	14 in	6 in
310	12 ft	8 ft	14 in	6 in
367	6 ft	7 ft	14 in	6 in
365	6 ft	7 ft	14 in	6 in
363	6 ft	7 ft	14 in	6 in
361	12 ft	8 ft	14 in	6 in
702	20 ft	23 ft	18 in	8 in
716	13 ft	15 ft	14 in	6 in
720	6 ft	4 ft	14 in	6 in



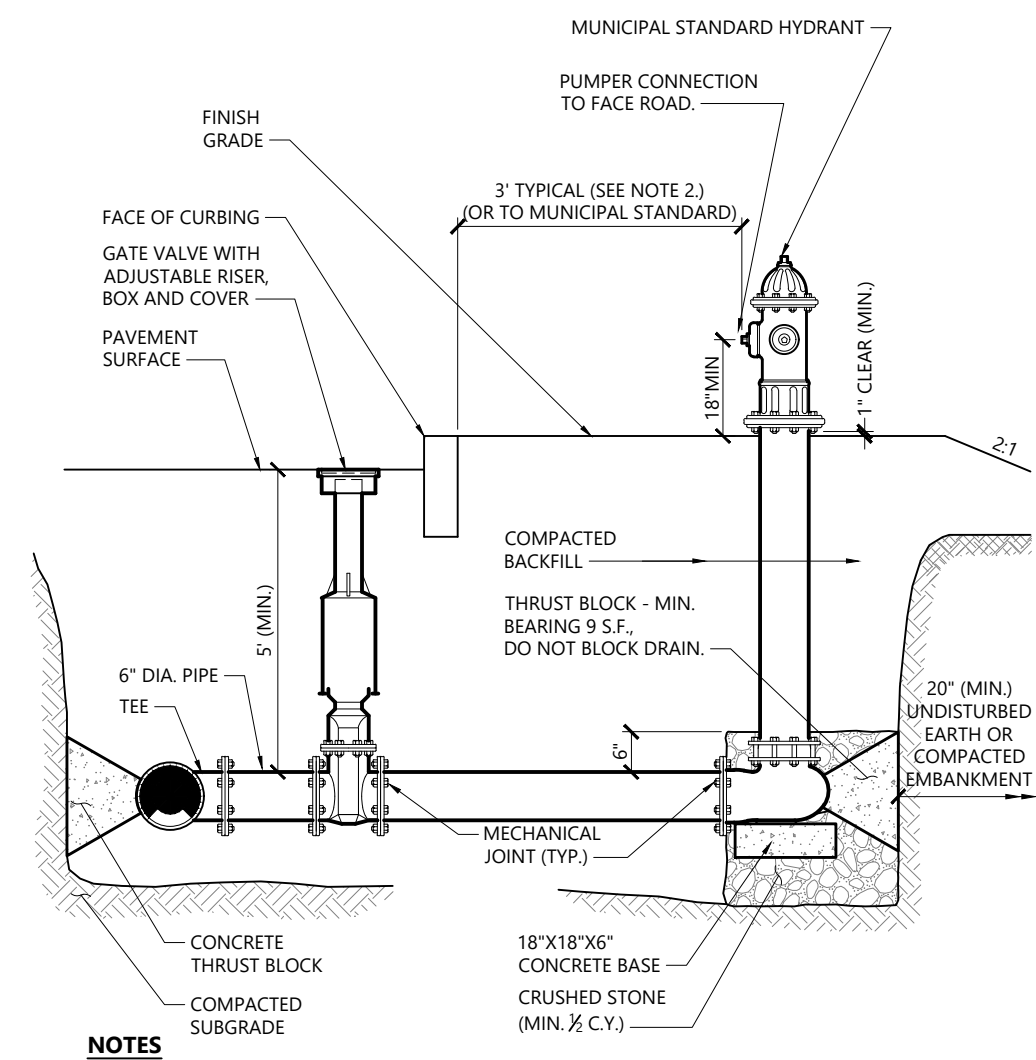
**Sediment Forebay SFB-3A Berm** 1/16  
N.T.S. Source: VHB REV LD\_164



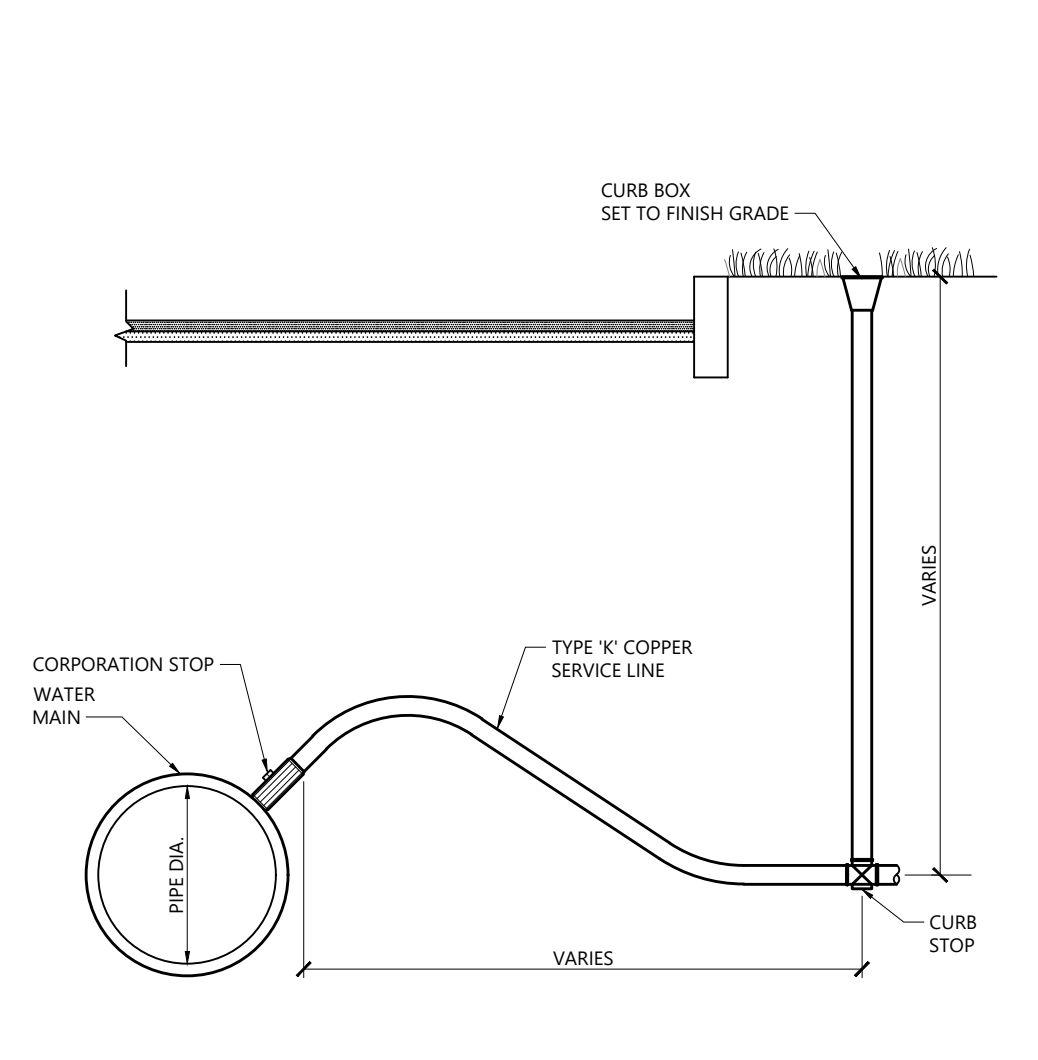
**Sanitary Sewer Manhole (SMH)** 1/16  
N.T.S. Source: VHB LD\_200



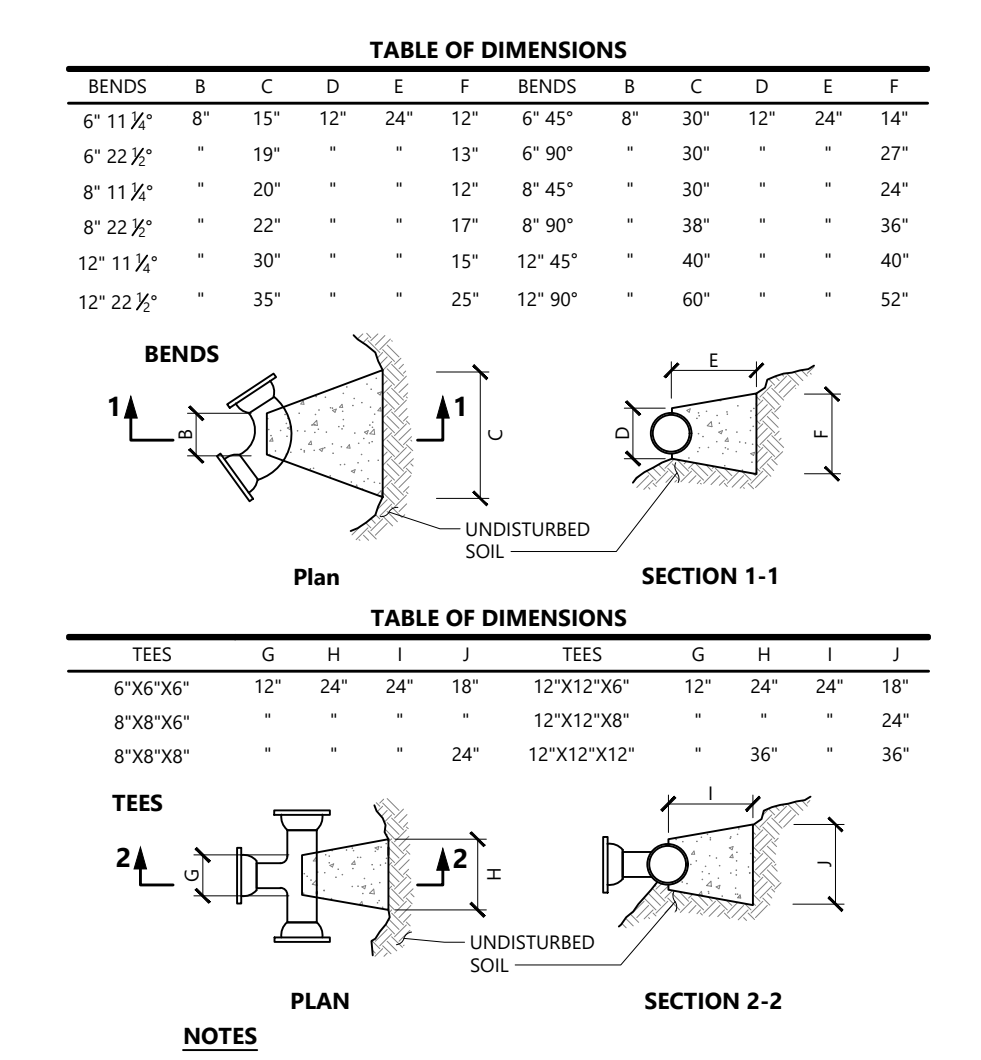
**Exterior Drop Sewer Manhole (SMH) Type "B"** 1/16  
N.T.S. Source: VHB LD\_204



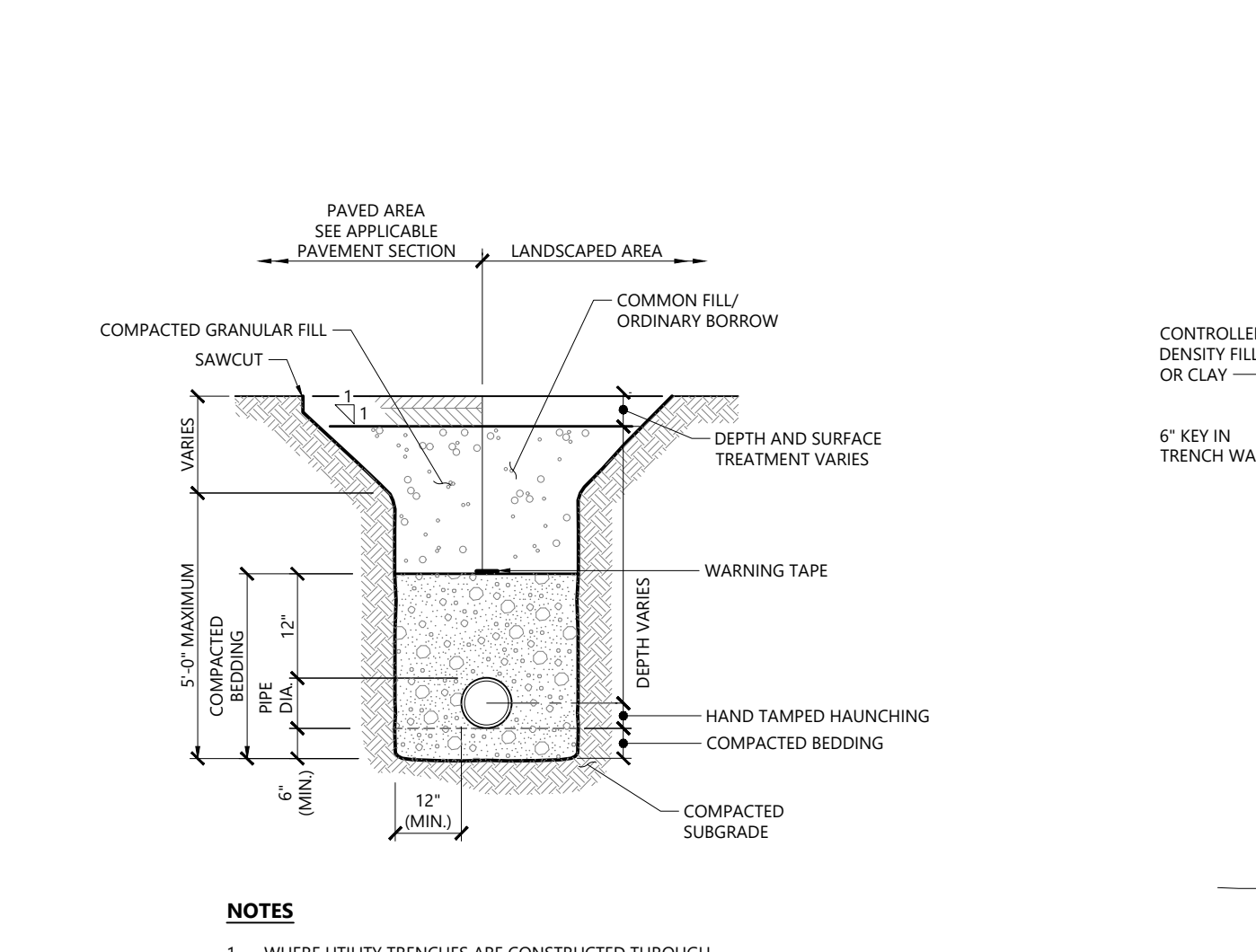
**Hydrant Construction** 12/18  
N.T.S. Source: VHB LD\_250



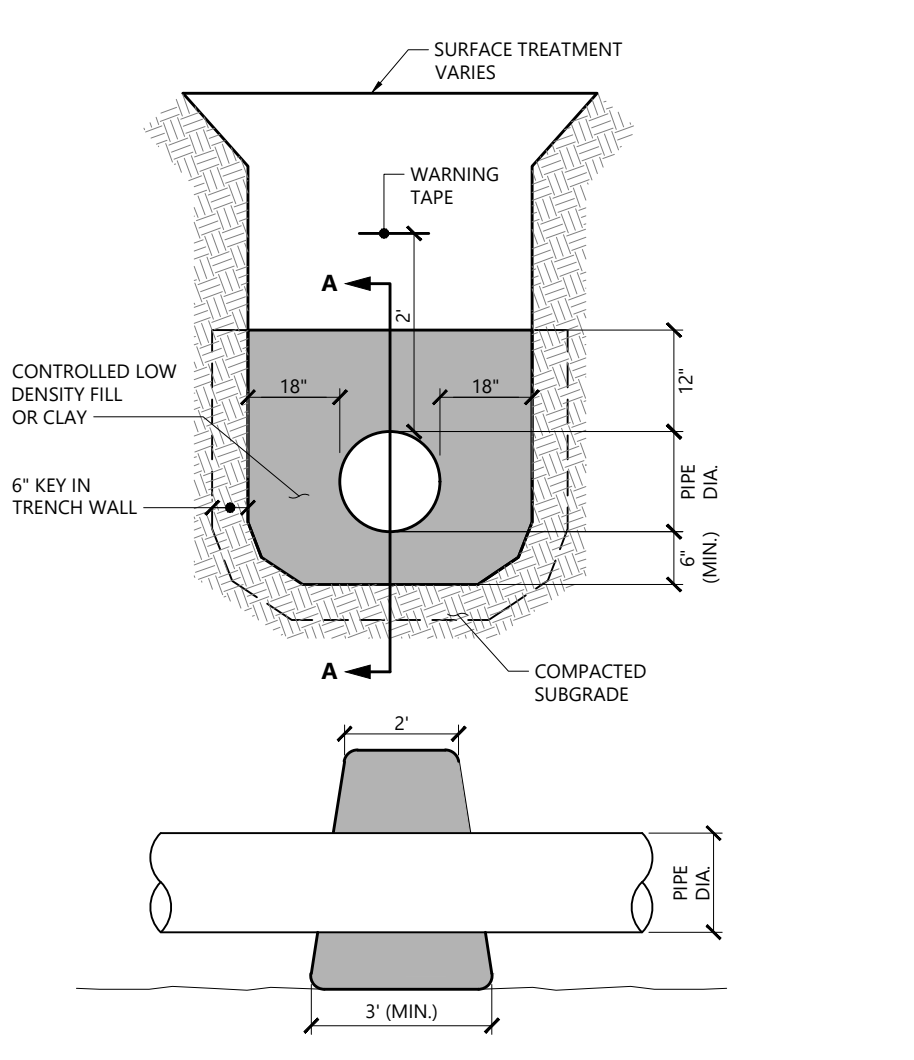
**Corporation/Curb Stop with Box** 1/16  
N.T.S. Source: VHB LD\_256



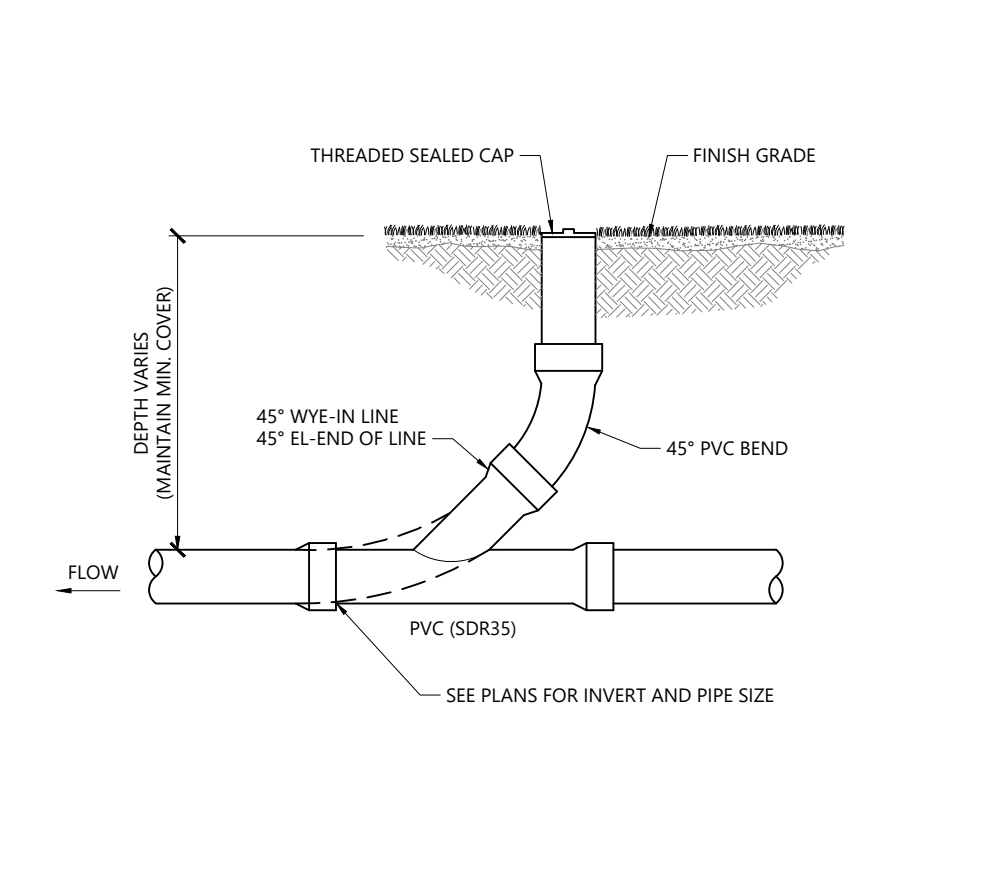
**Concrete Thrust Block** 1/16  
N.T.S. Source: VHB LD\_260



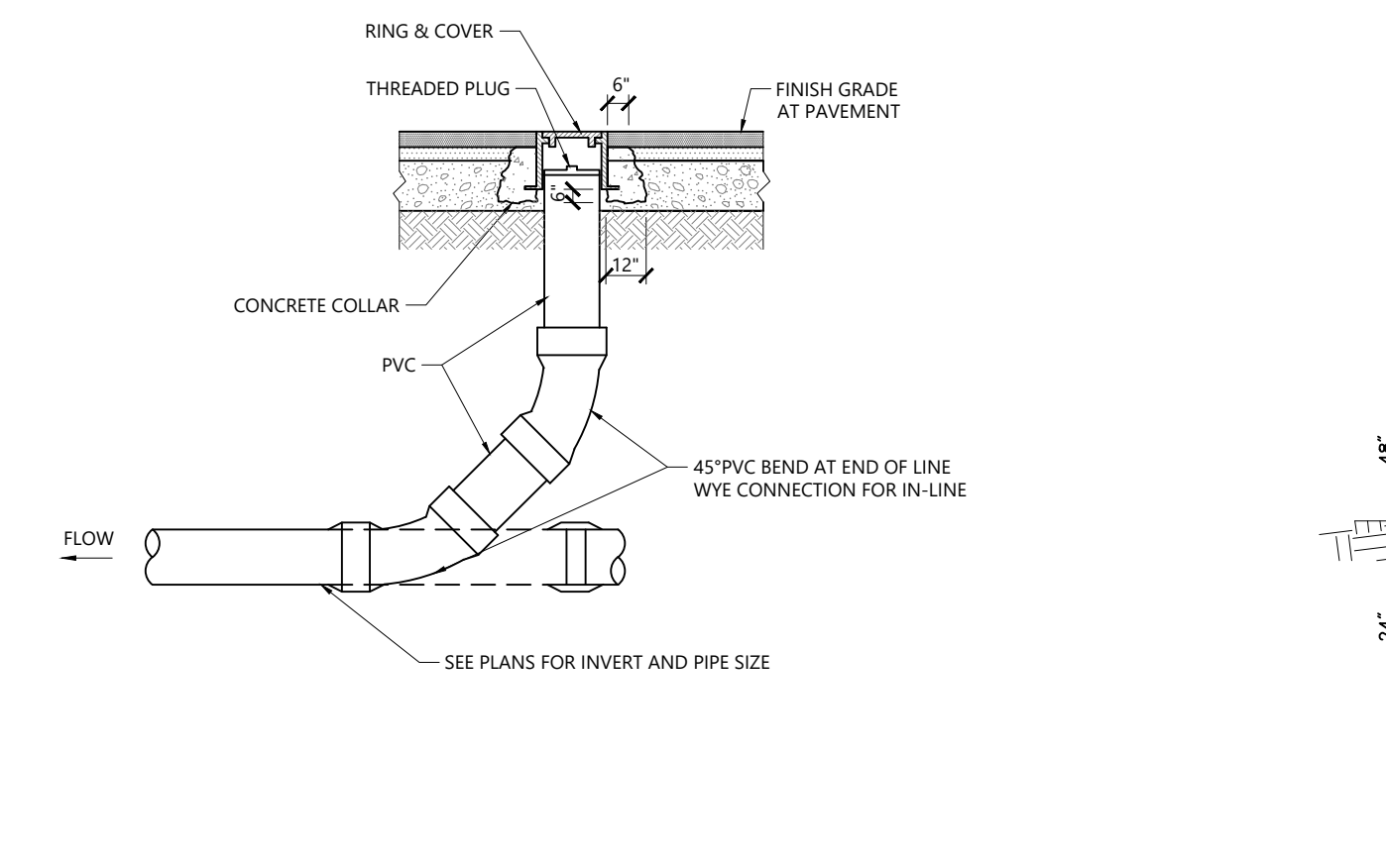
**Utility Trench** 1/16  
N.T.S. Source: VHB LD\_300



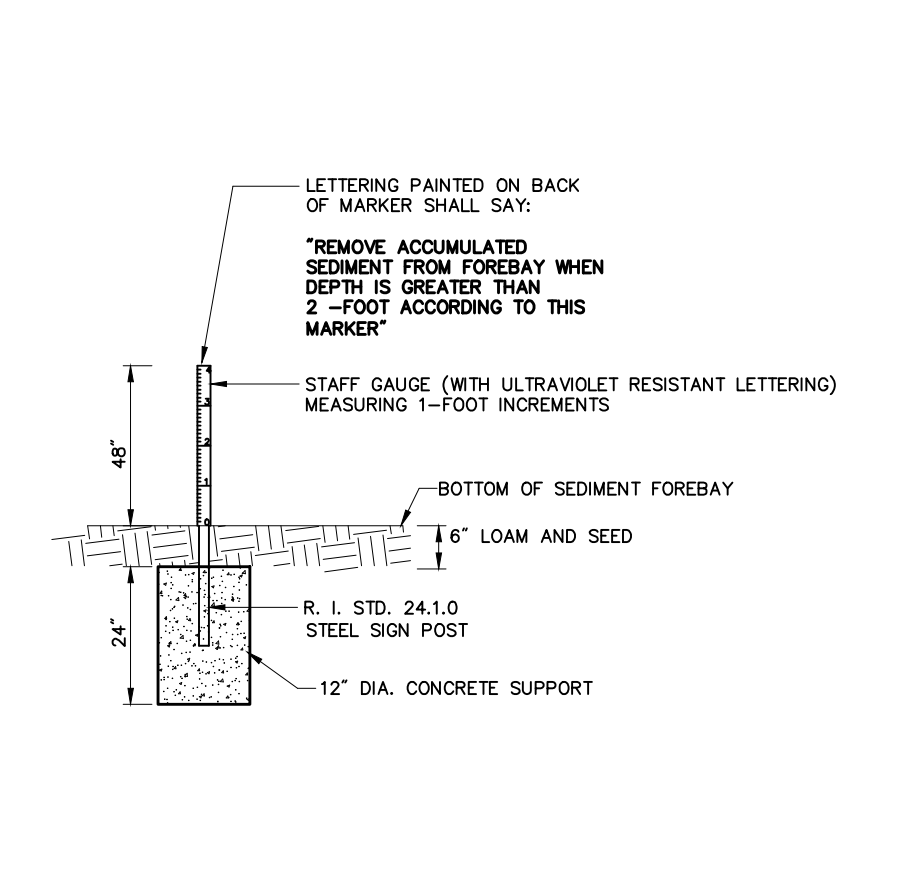
**Anti-Seepage Collar** 1/16  
N.T.S. Source: VHB LD\_301



**Cleanout - Landscape Area** 1/16  
N.T.S. Source: VHB LD\_302



**Cleanout - Paved Area** 1/16  
N.T.S. Source: VHB LD\_303



**Sediment Marker** 1/16  
N.T.S. Source: VHB LD\_315

## Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

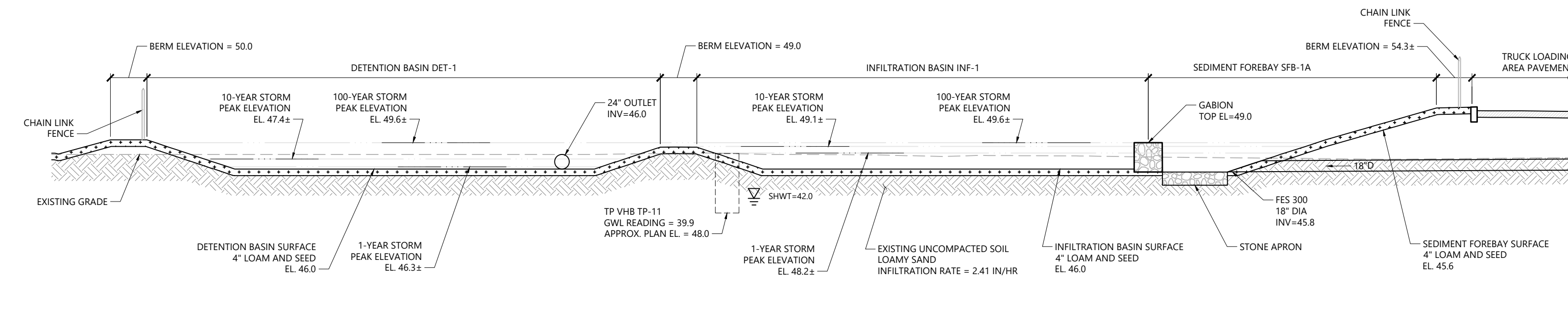
No.	Revision	Date	Appr.
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

Designed by: AEC  
Checked by: RLC  
Issued for: \_\_\_\_\_ Date: \_\_\_\_\_  
Permits: \_\_\_\_\_ June 1, 2021

Drawing Title: **Site Details 3**  
Drawing Number: \_\_\_\_\_  
Sheet 19 of 21  
Project Number: 73180.00

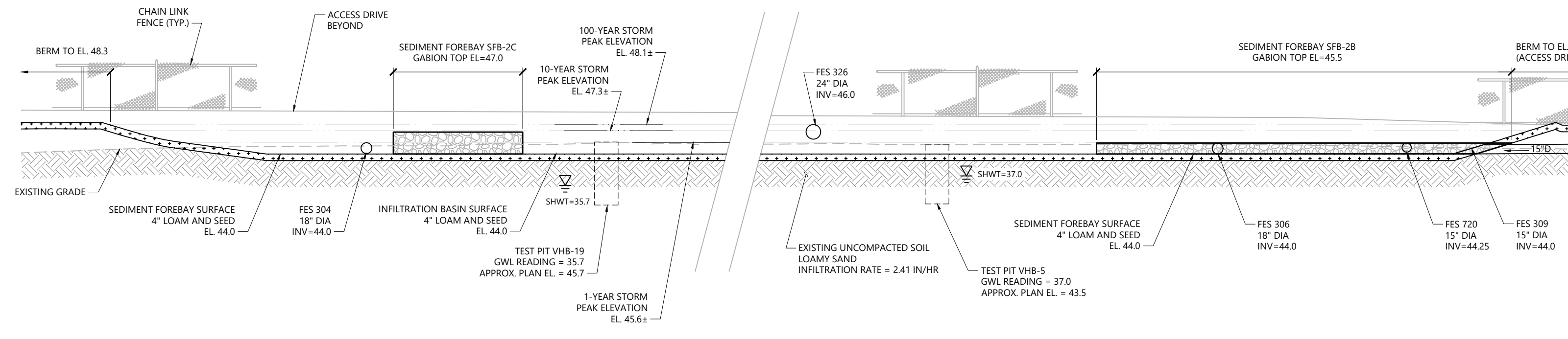
Designed by: *Renée L. Codega*  
**RENEE L. CODEGA**  
No. 6517  
REGISTERED PROFESSIONAL ENGINEER  
10/8/2021

**C5.03**  
Sheet 19 of 21  
Project Number: 73180.00



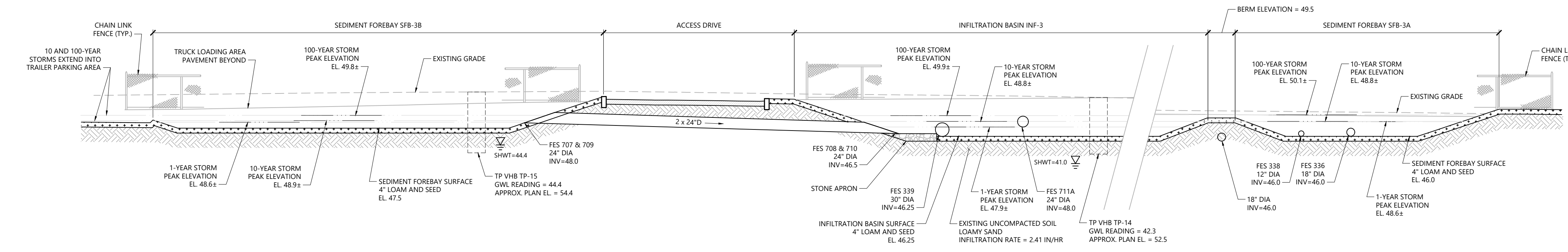
**Infiltration Basin INF-1, Detention Basin DET-1**

N.T.S.



**Infiltration Basin INF-2, Sediment Forebay SFB-2B, 2C, 2A**

N.T.S.



**Infiltration Basin INF-3, Sediment Forebays SFB-3a & 3b**

N.T.S.

**NOTES**

- FOR THE LONG-TERM FUNCTION OF THE INFILTRATION SYSTEM, THE CONTRACTOR SHALL:
  - PREVENT THE INFILTRATION BASIN FROM BEING USED AS A CONSTRUCTION SEDIMENT BASIN WITHOUT PRIOR APPROVAL OF THE ENGINEER.
  - DIRECT STORMWATER RUNOFF FROM EXPOSED SURFACES AWAY FROM THE INFILTRATION BASIN.
  - ENSURE THAT CONSTRUCTION EQUIPMENT, VEHICULAR TRAFFIC, PARKING OF VEHICLES, AND STOCKPILING OF CONSTRUCTION MATERIALS SHALL BE OUTSIDE OF THE INFILTRATION SYSTEM AREA.
  - ENSURE THAT THE SOIL AT THE BOTTOM OF THE INFILTRATION SYSTEM EXCAVATION IS NOT COMPACTED OR SMEARED.
  - ENSURE THAT THE PERIMETER OF THE INFILTRATION SYSTEM IS STAKED AND FLAGGED TO PREVENT THE USE OF THE AREA FOR ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION ABILITY OF THE SYSTEM.
- REFER TO SOIL EROSION AND SEDIMENT CONTROL PLAN FOR ADDITIONAL INFORMATION

TEST PIT #15		
HORIZON	DEPTH	DESCRIPTION
Ap	0-14	Very dark grayish brown (10YR 3/2) gravelly sandy loam; weak med granular structure; friable; few fine roots; abrupt smooth boundary.
2C1	14-60	Brown (2.5Y 4/2) interbedded gravelly coarse sand and sand; single grain; loose; no roots; clear smooth boundary.
3C2	60-68	Dark yellowish brown (10YR 4/4) gravelly coarse sand with 60 percent black grains (Narragansett basin mineralogy); single grain; loose; no roots; clear smooth boundary.
4C4	68-136	Light olive brown (2.5Y 5/3) gravelly coarse sand; single grain; loose. No evidence of SHWT.

\*WELL INSTALLED. GROUND WATER DEPTH = 120.6' (ASSUMED FROM BOTTOM OF WELL WITH 15' ADJUSTMENT FACTOR)

TEST PIT #7		
HORIZON	DEPTH	DESCRIPTION
Ap	0-11	Dark brown (10YR 3/3) gravelly sandy loam; weak medium granular structure; friable; few fine roots; abrupt smooth boundary.
Bw	11-14	Brown (7.5YR 4/4) sandy loam; massive; friable; few fine roots; clear smooth boundary.
BC	14-20	Yellowish brown (10YR 5/4) loamy sand; massive; friable; no roots; clear smooth boundary.
2C1	20-32	Yellowish brown (10YR 5/6) gravelly coarse sand; single grain; loose; no roots; clear smooth boundary. This horizon is variegated with areas of 10YR 6/0 and 7.5YR 4/6.
3C2	32-42	Light brownish gray (2.5Y 6/2) fine sand; single grain; loose; no roots; clear smooth boundary.
4C3	42-64	Light yellowish brown (2.5Y 6/3) gravelly coarse sand; single grain; loose; clear smooth boundary.
4C4	64-72	Very dark grayish brown (2.5Y 3/2) very gravelly coarse sand; single grain; loose; clear smooth boundary.
4C5	72-92	Strong brown (7.5YR 4/6) very gravelly coarse sand; single grain; loose; clear smooth boundary.
5C6	92-100	Dark gray (2.5Y 4/1) loamy sand; massive; friable; saturated at 94 inches.

\*WELL INSTALLED. GROUND WATER DEPTH = 82.2' (WITH 15' ADJUSTMENT FACTOR)

TEST PIT #11		
HORIZON	DEPTH	DESCRIPTION
Ap	0-16	Dark brown (10YR 3/3) sandy loam; weak medium granular structure; friable; many fine roots; abrupt smooth boundary.
BC	16-24	Yellowish brown (10YR 5/4) very gravelly loamy sand; single grain; loose; common fine and medium roots; clear smooth boundary.
2C1	24-35	Light olive brown (2.5Y 6/4) sand; single grain; loose; no roots; abrupt smooth boundary.
3C2	35-47	Brown (10YR 5/3) very gravelly coarse sand; single grain; loose; no roots; abrupt smooth boundary.
4C3	47-58	Gray (2.5Y 5/1) silt and loamy very fine sand; massive; friable; no roots; abrupt smooth boundary.
5C4	58-62	Reddish brown (5YR 4/4) very gravelly coarse sand; single grain; loose; no roots; abrupt smooth boundary.
5C5	62-71	Light olive brown (2.5Y 5/3) gravelly sand; single grain; loose; no roots; abrupt smooth boundary.
4C6	71-75	Grayish brown (2.5Y 5/2) silt; massive; firm; abrupt smooth boundary.
5C7	75-84	Grayish brown (2.5Y 5/2) sand; single grain; loose; abrupt smooth boundary.
6C8	84-96	Dark gray (N 4/0) and gray (2.5Y 5/1) interbedded silt and loamy very fine sand; massive; firm.

\*SHWT ASSUMED AT 72 INCHES.

TEST PIT #5		
HORIZON	DEPTH	DESCRIPTION
1Ap1	0-14	Black (7.5YR 2/1) fine sandy loam; weak medium subangular blocky structure; friable; many fine roots; abrupt smooth boundary.
2Ap2	14-20	Dark brown (10YR 3/3) gravelly loamy sand; massive; friable; few fine roots; abrupt wavy boundary.
2C1	20-41	Yellowish brown (10YR 5/4) very gravelly sand; single grain; loose; no roots; clear smooth boundary.
3C2	41-70	Light yellowish brown (2.5Y 6/3) sand; single grain; loose; no roots; clear smooth boundary.
4C3	70-88	Light olive brown (2.5Y 5/3) gravelly sand; single grain; loose; no roots; clear smooth boundary.
4C4	88-98	Black (2.5Y 2.5/1) gravelly sand; single grain; loose; no roots.

\*WELL INSTALLED. GROUND WATER DEPTH = 78.5' (ASSUMED FROM BOTTOM OF WELL WITH 15' ADJUSTMENT FACTOR)

TEST PIT #21		
HORIZON	DEPTH	DESCRIPTION
Ap	0-10	Very dark brown (10YR 2/2) gravelly sandy loam; weak medium granular structure; friable; many fine roots; abrupt smooth boundary.
Bw	10-21	Brown (7.5YR 4/4) gravelly loamy sand; massive; friable to single grain; loose; few fine roots; clear smooth boundary.
2C1	21-48	Olive brown (2.5Y 4/4) gravelly coarse sand; single grain; loose; no roots; abrupt smooth boundary.
2C2	48-50	Brown (7.5YR 4/4) gravelly coarse sand; single grain; loose; no roots; abrupt smooth boundary.
2C3	50-102	Light brownish gray (2.5Y 6/2) gravelly coarse sand; single grain; loose; no roots. No apparent evidence of SHWT, some would interpret 2C2 to be evidence, but appears to be relict condition.

\*SHWT ASSUMED AT 80 INCHES.

TEST PIT #19		
HORIZON	DEPTH	DESCRIPTION
Ap	0-12	Very dark brown (10YR 2/2) sandy loam; weak medium granular structure; friable; many fine roots; abrupt smooth boundary.
Bw	12-28	Dark yellowish brown (10YR 4/4) gravelly sandy loam; weak medium subangular blocky structure; friable; few fine roots; clear smooth boundary.
2C1	28-40	Light olive brown (2.5Y 5/3) very gravelly coarse sand; single grain; loose; no roots; clear smooth boundary.
3C2	40-57	Olive brown (2.5Y 5/3) sand; single grain; loose; no roots; abrupt smooth boundary.
4C3	57-59	Dark yellowish brown (10YR 4/4) gravelly coarse sand; single grain; loose; no roots; abrupt smooth boundary.
4C4	59-76	Light olive brown (2.5Y 5/3) gravelly coarse sand; single grain; loose; no roots; clear smooth boundary.
5C5	76-104	Gray (2.5Y 6/1) fine sand with 35 percent black grains; single grain; loose. No apparent evidence of seasonal high water table.

\*WELL INSTALLED. GROUND WATER DEPTH = 120.6' (ASSUMED FROM BOTTOM OF WELL WITH 15' ADJUSTMENT FACTOR)

TEST PIT #14		
HORIZON	DEPTH	DESCRIPTION
Ap	0-14	Dark brown (10YR 3/3) gravelly sandy loam; weak med granular structure; friable; few fine roots; abrupt smooth boundary.
Bw	14-20	Brown (10YR 4/3) gravelly loamy sand; massive; friable; no roots; clear smooth boundary.
2C1	20-43	Olive brown (2.5Y 4/3) sand; single grain; loose; no roots; clear smooth boundary.
3C3	43-66	Very dark gray (2.5Y 3/1) loamy very fine sand; massive; friable; no roots; clear smooth boundary.
3C4	66-86	Strong brown (2.5Y 5/1) loamy fine sand; massive; friable; with thin (0.25 inch) bands of dark gray silt; abrupt smooth boundary.
4C5	86-98	Dark yellowish brown (10YR 4/4) cobbly coarse sand; single grain; loose; not roots; abrupt wavy boundary.
5C6	98-142	Gray (2.5Y 6/1) fine sand, 30 percent black sand grains; single grain loose.

\*WELL INSTALLED. GROUND WATER DEPTH = 123.0' (ASSUMED FROM BOTTOM OF WELL WITH 15' ADJUSTMENT FACTOR)

**Infiltration Basin Notes**

N.T.S.

**Proposed Warehouse/Distribution Development**  
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	Appr'd
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

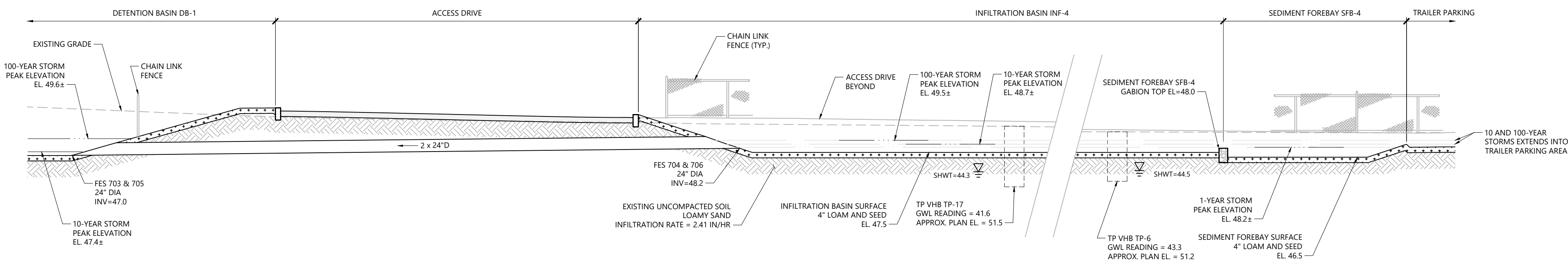
Designed by: AEC  
Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

**Site Details 4**

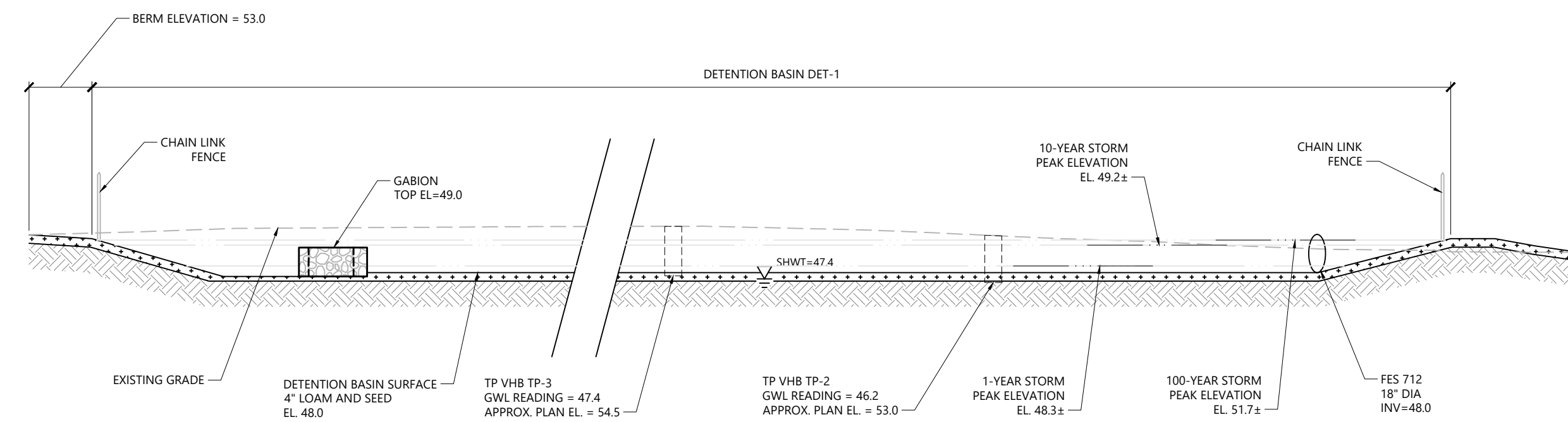
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Sheet 20 of 21  
Project Number: 73180.00

Designed by: P. CODEGA  
Checked by: R. L. CODEGA  
Date: 10/8/2021

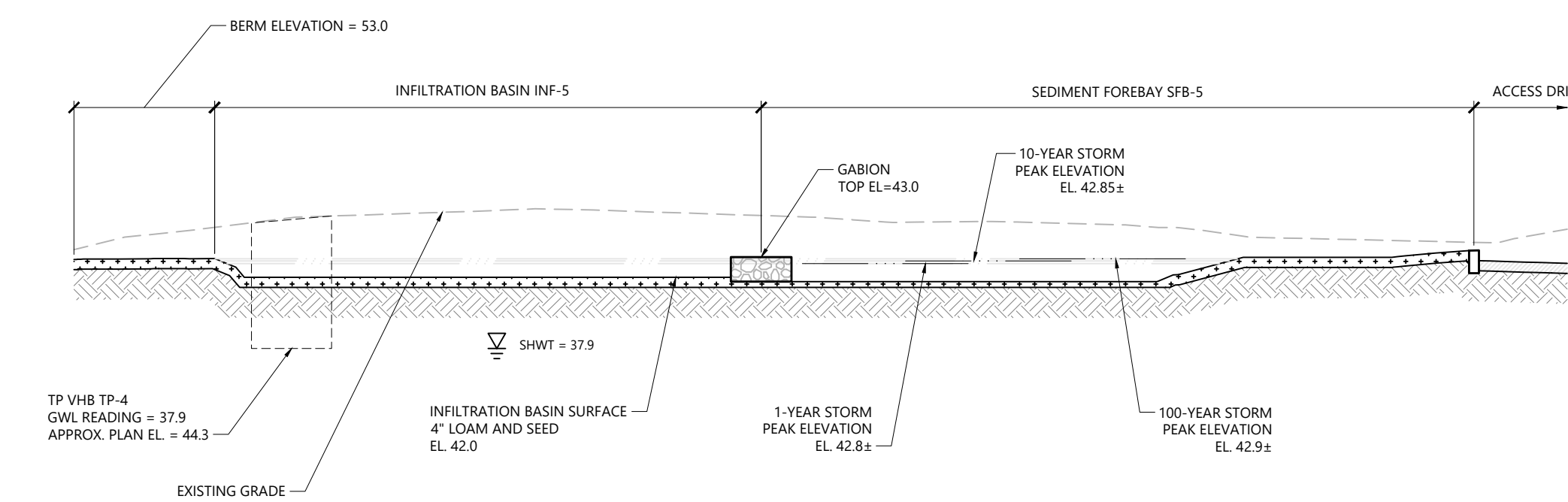
REGISTERED PROFESSIONAL ENGINEER  
No. 6517



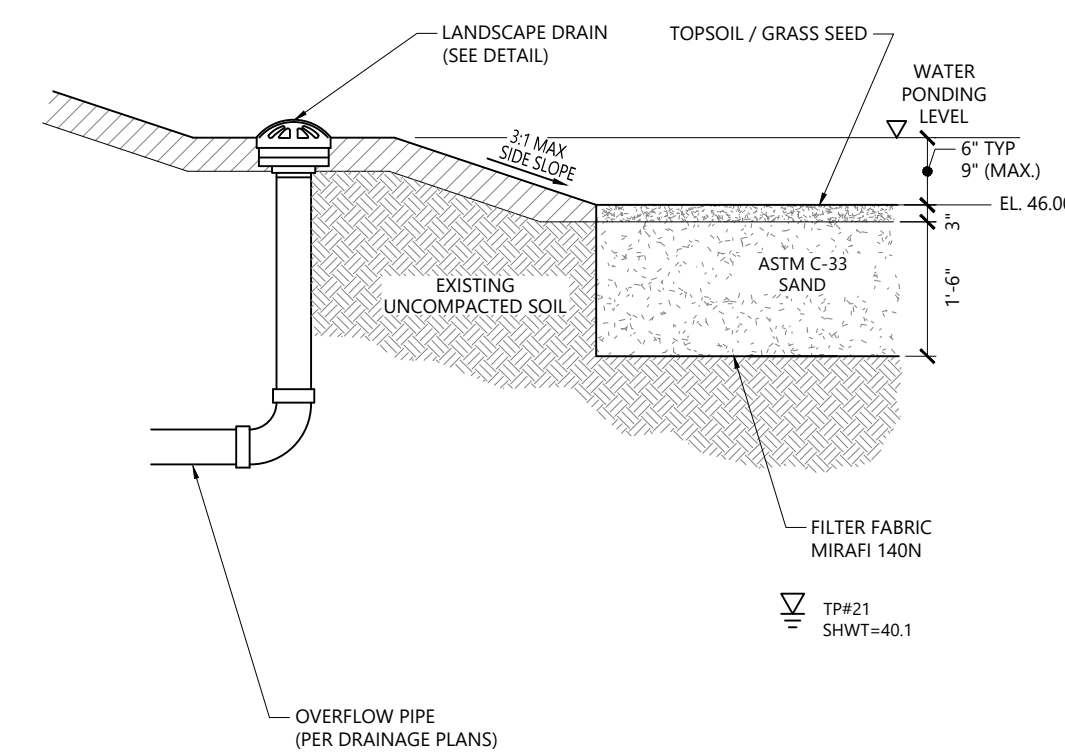
**Infiltration Basin INF-4, Sediment Forebays SFB-4**  
N.T.S.



**Detention Basin DB-2**  
N.T.S.



**Infiltration Basin INF-5, Sediment Forebay SFB-5**  
N.T.S.



**Sand Filter**  
N.T.S. Source: VHB REV 1/16 LD\_352

TEST PIT #2		
HORIZON	DEPTH	DESCRIPTION
Ap	0-12	Very dark grayish brown (10YR 2/2) very gravelly loamy sand, very weak fine granular structure; friable; common fine roots; abrupt smooth boundary.
2C1	12-23	Dark olive brown (2.5Y 3/3) gravelly coarse sand; single grain; loose; no roots; clear smooth boundary.
2C2	23-37	Dark olive brown (2.5Y 3/3) coarse sand; single grain; loose; no roots; abrupt smooth boundary.
3C3	37-44	Light olive brown (2.5Y 5/4) loamy fine sand interbedded with dark gray (2.5Y 4/1) silt; massive; friable; no roots; abrupt smooth boundary.
3C4	44-49	Dark grayish brown (2.5Y 4/2) loamy fine sand; massive; friable; no roots; abrupt smooth boundary.
4C5	49-51	Very dark gray (2.5Y 3/1) silt and silt loam layers interbedded with thin (1 mm) bands of dark yellowish brown (10YR 4/4) very fine sand; massive; friable; few fine roots; abrupt smooth boundary.
5C6	51-92	Olive brown (2.5Y 4/3) very gravelly coarse sand; single grain; loose; clear smooth boundary.
6C7	92-102	Light brownish gray (10YR 6/2) gravelly sand; single grain; loose.

\*SHWT ASSUMED AT 80 INCHES.

TEST PIT #17		
HORIZON	DEPTH	DESCRIPTION
Ap1	0-8	Very dark grayish brown (10YR 3/2) sandy loam; moderate medium granular structure; friable; many fine roots; clear smooth boundary.
Ap2	8-22	Very dark grayish brown (10YR 3/2) sandy loam; weak medium subangular blocky; friable; few fine roots; abrupt smooth boundary.
Bw	22-31	Yellowish brown (10YR 5/6) loamy sand; weak medium subangular blocky structure; very friable; no roots; clear smooth boundary.
2C1	31-37	Light olive brown (2.5Y 5/3) gravelly coarse sand; single grain; loose; no roots; clear smooth boundary.
3C2	37-46	Light yellowish brown (2.5Y 6/3) sand; single grain; loose; no roots; clear smooth boundary.
4C3	46-51	Light yellowish brown (2.5Y 6/3) gravelly coarse sand; single grain; loose; clear smooth boundary.
5C4	51-57	Dark grayish brown (2.5Y 4/2) loamy fine sand; massive; friable; abrupt smooth boundary.
6C5	57-65	Light olive brown (2.5Y 5/3) sand, 50 percent black sand grains; single grain; loose; clear smooth boundary.
7C6	65-87	Brown (10YR 4/3) very cobbly coarse sand; massive to weak medium platy structure; friable SHWT likely reaches 7C6 horizon.
8Cg7	87-121	Dark gray (2.5Y 4/1) loamy fine sand, massive; weak thin platy structure to massive; friable to firm. Assumed seasonal water table at ~87 inches. 8Cg7 is an aquifer.

\*SHWT ASSUMED AT 87 INCHES.

TEST PIT #6		
HORIZON	DEPTH	DESCRIPTION
Ap	0-14	Dark brown (10YR 3/3) gravelly sandy loam; weak fine granular structure; friable; few fine roots; abrupt smooth boundary.
Bw	14-20	Yellowish brown (10YR 5/6) loamy sand; massive; friable; no roots; abrupt smooth boundary.
2C1	20-24	Yellowish brown (2.5Y 6/4) gravelly sand; single grain; loose; no roots; clear smooth boundary.
2C2	24-46	Light yellowish brown (2.5Y 6/3) gravelly sand; single grain; loose; no roots; clear smooth boundary.
3C3	46-64	Light olive brown (2.5Y 5/3) very gravelly coarse sand; single grain; loose; no roots; clear smooth boundary.
3C4	64-80	Strong brown (7.5YR 4/6) very gravelly coarse sand; single grain; loose; abrupt smooth boundary.
4Cg5	80-98	Dark gray (N 4/1) loamy fine sandy with silt bands; massive; friable.

\*SHWT ASSUMED AT 80 INCHES.

TEST PIT #3		
HORIZON	DEPTH	DESCRIPTION
Ap	0-14	Dark brown (10YR 3/3) very gravelly sandy loam; massive; friable; few fine roots; abrupt smooth boundary.
Bw	14-34	Dark yellowish brown (10YR 4/6) gravelly sandy loam; massive; friable; few fine roots; abrupt smooth boundary.
C1	34-44	Very dark grayish brown (2.5Y 3/2) gravelly loamy sand; single grain; loose; no roots; clear smooth boundary.
2C2	44-49	Very dark grayish brown (2.5Y 3/2) loamy fine sand; massive; friable; no roots; abrupt smooth boundary.
2C3	49-53	Dark grayish brown (2.5Y 4/2) loamy fine sand; massive; friable; no roots; abrupt smooth boundary.
2C4	53-59	Very dark gray (2.5Y 3/1) silt and loamy very fine sand; massive; friable; few fine roots; abrupt smooth boundary.
3C5	59-94	Dark yellowish brown (10YR 4/4) very cobbly coarse sand; single grain; loose.

\*SHWT ASSUMED AT 80 INCHES.

TEST PIT #4		
HORIZON	DEPTH	DESCRIPTION
Ap	0-10	Very dark grayish brown (10YR 3/2) gravelly sandy loam; weak fine granular structure; friable; few fine roots; abrupt smooth boundary.
BC	10-13	Dark yellowish brown (10YR 4/4) gravelly loamy sand; single grain; loose; no roots; abrupt smooth boundary.
1C1	13-24	Light olive brown (2.5Y 5/4) gravelly sand; single grain; loose; no roots; clear smooth boundary.
1C2	24-42	Light olive brown (2.5Y 5/3) gravelly sand; single grain; loose; no roots; clear smooth boundary.
2C3	42-59	Gray (2.5Y 6/1) sand; single grain; loose; no roots; clear smooth boundary.
2C4	59-72	Light brownish gray (2.5Y 6/2) sand; single grain; loose; no roots; abrupt smooth boundary.
3C5	72-77	Brown (7.5YR 4/4) sand; single grain; loose; no roots; abrupt smooth boundary.
4Cg6	77-85	Grayish brown (2.5Y 5/2) silt with few fine dark yellowish brown (10YR 4/4) redox concentrations in pore linings and along root channels; massive; firm; few fine roots; clear smooth boundary.
5Cg7	85-94	Gray (2.5Y 5/1) to very dark gray (2.5Y 3/1) interbedded silt, silty clay, and loamy very fine sand with brown (7.5YR 4/4) oxidized rhizospheres; massive; firm. This layer may be saturated.

\*SHWT ASSUMED AT 77 INCHES.

## Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

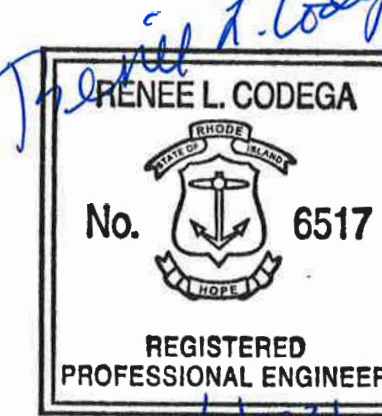
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Designed by	Checked by
AEC	RLC

Issued for: Permits Date: June 1, 2021

## Site Details 5

Drawing Number: C5.05  
Sheet 21 of 21  
Project Number: 73180.00



10/8/2021



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

General

- 1. CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
3. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 4 INCHES LOAM AND SEED.
4. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
5. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
6. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
7. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
8. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
9. THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE RIPDES CONSTRUCTION GENERAL PERMIT (CGP) PROGRAM AND RIDEM JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A NOTICE OF INTENT WITH THE RIDEM AND PREPARE AND MAINTAIN A SOIL EROSION AND SEDIMENTATION PLAN IN ACCORDANCE WITH THE RIPDES REGULATIONS.
10. STAGING AND STOCKPILE AREAS SHALL NOT BE LOCATED WITHIN ANY WETLAND AND ABUTTING RESOURCE AREA AND SHALL BE LOCATED WITHIN THE LOD.
11. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND INSTALLING THE FOLLOWING ITEMS ON SITE AND REDLINING THE PLAN FOR RECORD KEEPING PURPOSES AS REQUIRED BY THE RIPDES PERMIT:
a. BUILDING MATERIALS STAGING AREAS
b. STOCKPILE AREAS. EROSION CONTROLS SHALL BE PLACED AT THE BASE OF ALL STOCKPILES
c. DESIGNATED WASHOUT AND REFUELING AREAS.
d. TEMPORARY SEDIMENT BASIN AREAS.

Erosion Control

- 1. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
2. CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES DAILY, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
3. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
4. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
5. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.
6. A CROSS SLOPE SHALL BE PLACED ON THE STABILIZED CONSTRUCTION EXIT TO DIRECT RUNOFF TO AN ONSITE SETTLING AREA. IF DEEMED NECESSARY AFTER CONSTRUCTION BEGINS, A WASH PAD MAY BE INCLUDED TO WASH OFF VEHICLE WHEELS BEFORE LEAVING THE PROJECT SITE.
7. TEMPORARY SEDIMENT BASINS WILL BE DESIGNED EITHER AS EXCAVATIONS OR BERMED STORMWATER DETENTION STRUCTURES THAT WILL RETAIN RUNOFF FOR A SUFFICIENT PERIOD OF TIME TO ALLOW SUSPENDED SOIL PARTICLES TO SETTLE OUT PRIOR TO DISCHARGE. BASINS WILL BE LOCATED AS DETERMINED BY THE CONTRACTOR BASED ON CONSTRUCTION NEEDS. POINT OF DISCHARGE FROM SEDIMENT BASINS WILL BE STABILIZED TO MINIMIZE EROSION.
8. VEGETATIVE SLOPE STABILIZATION WILL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. VEGETATIVE SLOPE STABILIZATION WILL BE USED TO MINIMIZE EROSION ON SLOPES OF 3:1 OR STEEPER. ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER MAY BE ESTABLISHED BY HYDRO-SEEDING OR SODDING. A SUITABLE TOPSOIL, GOOD SEEDBED PREPARATION, AND ADEQUATE LIME, FERTILIZER AND WATER WILL BE PROVIDED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH WILL ALSO BE USED AFTER PERMANENT SEEDING TO PROTECT SOIL FROM THE IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER.
9. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER CLEARING, GRADING, EXCAVATION OR OTHER EARTH DISTURBANCE ACTIVITIES ARE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT BE RESUMED FOR A PERIOD EXCEEDING FOURTEEN (14) CALENDAR DAYS. STABILIZATION MUST BE COMPLETED USING VEGETATIVE STABILIZATION MEASURES WHERE POSSIBLE.
10. ALL DISTURBED SOILS EXPOSED PRIOR TO OCTOBER 15TH SHALL BE SEEDED BY THAT DATE. ANY SUCH AREAS WHICH DO NOT HAVE ADEQUATE VEGETATIVE STABILIZATION BY NOVEMBER 15TH MUST BE STABILIZED THROUGH THE USE OF NON-VEGETATIVE EROSION CONTROL MEASURES. IF WORK CONTINUES WITHIN ANY OF THESE AREAS DURING THE PERIOD FROM OCTOBER 15TH TO APRIL 15TH CARE MUST BE TAKEN TO ENSURE THAT ONLY THE AREA REQUIRED FOR THE DAY'S WORK IS EXPOSED, AND ALL ERODIBLE SOIL MUST BE STABILIZED WITHIN FIVE (5) WORKING DAYS.

Infiltration Basin Protection During Construction

FOR THE LONG-TERM FUNCTION OF THE INFILTRATION SYSTEM CARE MUST BE TAKEN IN THIS AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPs):

- 1. THESE AREAS SHALL NOT BE USED AS CONSTRUCTION SEDIMENTATION SYSTEMS.
2. INITIAL BASIN EXCAVATION SHOULD BE CARRIED TO WITHIN 1 FOOT OF THE FINAL ELEVATION OF THE BASIN FLOOR. FINAL EXCAVATION SHOULD BE DEFERRED UNTIL ALL DISTURBED AREAS CONTRIBUTING TO THE BASIN HAVE BEEN STABILIZED OR PROTECTED. PRIOR TO FINAL EXCAVATION, REMOVE ALL ACCUMULATED SEDIMENT.
3. CONSTRUCTION EQUIPMENT, VEHICULAR, AND STOCKPILING OF CONSTRUCTION AND EARTH MATERIALS SHALL BE OUTSIDE THE LIMITS OF THESE AREAS. THE SUBGRADE BENEATH SHALL NOT BE COMPACTED.
4. EXCAVATION FOR CONSTRUCTION OF THESE SYSTEMS SHALL BE PERFORMED MANUALLY OR BY LIGHT-TRACKED EQUIPMENT TO AVOID COMPACTION OF THE BASIN FLOOR.
5. THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE PERIMETER OF THE SYSTEMS TO PREVENT THE USE OF THESE AREAS FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION CAPABILITIES. THE FENCING MAY BE REMOVED FOR BACKFILLING AND FINAL CONSTRUCTION.

Sand Filter Protection During Construction

FOR THE LONG-TERM FUNCTION OF THE SAND FILTER, CARE MUST BE TAKEN IN THIS AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPs):

- 1. THESE AREAS SHALL NOT BE USED AS CONSTRUCTION SEDIMENTATION SYSTEMS.
2. ALL STORMWATER RUNOFF FROM EXPOSED SURFACES SHALL BE DIRECTED AWAY FROM THESE AREAS.
3. CONSTRUCTION EQUIPMENT, VEHICULAR, AND STOCKPILING OF CONSTRUCTION AND EARTH MATERIALS SHALL BE OUTSIDE THE LIMITS OF THESE AREAS. THE SUBGRADE BENEATH SHALL NOT BE COMPACTED.
4. EXCAVATION FOR CONSTRUCTION OF THESE SYSTEMS SHALL BE PERFORMED MANUALLY OR BY HYDRAULIC EXCAVATOR OR SOME OTHER SIMILAR MEANS TO ENSURE THAT THE EQUIPMENT IS NOT IN DIRECT CONTACT WITH THE NATURAL FILTRATION EARTH MATERIAL AND DOES NOT CAUSE COMPACTION OF THE SUBGRADE.
5. THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE PERIMETER OF THE SYSTEMS TO PREVENT THE USE OF THESE AREAS FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION CAPABILITIES. THE FENCING MAY BE REMOVED FOR BACKFILLING AND FINAL CONSTRUCTION.
6. THE SAND FILTER SHALL BE PROTECTED WITH EROSION CONTROLS IMMEDIATELY UPON INSTALLATION TO PREVENT CLOGGING OF FILTER MATERIALS. THESE AREAS SHALL NOT BE USED AS SEDIMENTATION OR DEWATERING BASINS.

Grass Channel/Swale Protection During Construction

FOR THE LONG-TERM FUNCTION OF THE GRASS SWALES, CARE MUST BE TAKEN IN THIS AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPs):

- 1. THESE AREAS SHALL NOT BE USED AS CONSTRUCTION SEDIMENTATION SYSTEMS.
2. ALL STORMWATER RUNOFF FROM EXPOSED SURFACES SHALL BE DIRECTED AWAY FROM THESE AREAS.
3. CONSTRUCTION EQUIPMENT, VEHICULAR, AND STOCKPILING OF CONSTRUCTION AND EARTH MATERIALS SHALL BE OUTSIDE THE LIMITS OF THESE AREAS. THE SUBGRADE BENEATH SHALL NOT BE COMPACTED.
4. EXCAVATION FOR CONSTRUCTION OF THESE SYSTEMS SHALL BE PERFORMED MANUALLY OR BY HYDRAULIC EXCAVATOR OR SOME OTHER SIMILAR MEANS TO ENSURE THAT THE EQUIPMENT IS NOT IN DIRECT CONTACT WITH THE NATURAL FILTRATION EARTH MATERIAL AND DOES NOT CAUSE COMPACTION OF THE SUBGRADE.
5. THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE PERIMETER OF THE SYSTEMS TO PREVENT THE USE OF THESE AREAS FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION CAPABILITIES. THE FENCING MAY BE REMOVED FOR BACKFILLING AND FINAL CONSTRUCTION.
6. THE SWALE SHALL BE PROTECTED WITH EROSION CONTROL BLANKETS IMMEDIATELY UPON INSTALLATION TO PREVENT CLOGGING OF FILTER MATERIALS. THESE AREAS SHALL NOT BE USED AS SEDIMENTATION OR DEWATERING BASINS.

Erosion Control Maintenance Requirements

SITE OWNERS AND OPERATORS MUST ENSURE THAT ALL EROSION, RUNOFF, SEDIMENT, AND POLLUTION PREVENTION CONTROLS REMAIN IN EFFECTIVE OPERATING CONDITION AND ARE PROTECTED FROM ACTIVITIES THAT WOULD REDUCE THEIR EFFECTIVENESS. SITE OWNERS AND OPERATORS MUST ALSO ENSURE THAT ALL EROSION, RUNOFF, SEDIMENT, AND POLLUTION PREVENTION CONTROLS ARE INSPECTED AT THE REQUIRED FREQUENCY REQUIREMENTS LISTED BELOW. IF THE DESIGNATED SITE INSPECTOR FINDS A PROBLEM (I.E. EROSION, RUNOFF, SEDIMENT OR POLLUTION PREVENTION CONTROLS REQUIRE REPLACEMENT, REPAIR, OR MAINTENANCE), THE OWNER AND OPERATOR MUST ENSURE THAT THE NECESSARY REPAIRS OR MODIFICATIONS ARE MADE IN ACCORDANCE WITH THE FOLLOWING:

- 1. INITIATE WORK TO FIX THE PROBLEM IMMEDIATELY AFTER DISCOVERING THE PROBLEM, AND COMPLETE SUCH WORK BY THE CLOSE OF THE NEXT WORK DAY, IF THE PROBLEM DOES NOT REQUIRE SIGNIFICANT REPAIR OR REPLACEMENT, OR IF THE PROBLEM CAN BE CORRECTED THROUGH ROUTINE MAINTENANCE.
2. WHEN INSTALLATION OF A NEW CONTROL OR A SIGNIFICANT REPAIR IS NEEDED, SITE OWNERS AND OPERATORS MUST ENSURE THAT THE NEW OR MODIFIED CONTROL PRACTICE IS INSTALLED AND MADE OPERATIONAL BY NO LATER THAN SEVEN (7) CALENDAR DAYS FROM THE TIME OF DISCOVERY WHERE FEASIBLE. IF IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN SEVEN (7) CALENDAR DAYS, THE REASONS WHY IT IS INFEASIBLE MUST BE DOCUMENTED IN THE SESC PLAN ALONG WITH THE SCHEDULE FOR INSTALLING THE STORMWATER CONTROL(S) AND MAKING IT OPERATIONAL AS SOON AS PRACTICABLE AFTER THE 7-DAY TIMEFRAME. WHERE THESE ACTIONS RESULT IN CHANGES TO ANY OF THE STORMWATER CONTROL MEASURES OUTLINED IN THE SESC PLAN, SITE OWNERS AND OPERATORS MUST MODIFY THE SESC PLAN ACCORDINGLY WITHIN SEVEN (7) CALENDAR DAYS OF COMPLETING THIS WORK IN ACCORDANCE WITH THE FOLLOWING:
a. THE OWNER AND OPERATOR SHALL AMEND THE SESC PLAN WITHIN SEVEN (7) DAYS WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, MAINTENANCE OR OTHER PROCEDURE WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS, OR IF THE SESC PLAN PROVES TO BE INEFFECTIVE IN ACHIEVING ITS OBJECTIVES. IN ADDITION, THE SESC PLAN SHALL BE AMENDED TO IDENTIFY ANY NEW OPERATOR THAT WILL IMPLEMENT A COMPONENT OF THE SESC PLAN. THE AMENDED SESC PLAN MUST BE KEPT ON FILE AT THE CONSTRUCTION SITE AND ANY SESC PLAN MODIFICATIONS MUST BE DOCUMENTED. ANY AMENDMENTS TO CONTROL MEASURES WHICH INVOLVED THE PRACTICE OF ENGINEERING, MUST FIRST BE REVIEWED, SIGNED, AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF RHODE ISLAND.
3. IF CORRECTIVE ACTIONS ARE REQUIRED, THE SITE OWNER AND OPERATOR MUST ENSURE THAT ALL CORRECTIVE ACTIONS ARE DOCUMENTED ON THE INSPECTION REPORT IN WHICH THE PROBLEM WAS FIRST DISCOVERED. THESE CORRECTIVE ACTIONS MUST BE DOCUMENTED, SIGNED, AND DATED BY THE SITE OPERATOR ONCE ALL NECESSARY REPAIRS HAVE BEEN COMPLETED.
4. SOIL EROSION AND SEDIMENT CONTROL INSPECTION REQUIREMENTS
MINIMUM FREQUENCY - EACH OF THE FOLLOWING AREAS MUST BE INSPECTED BY OR UNDER THE SUPERVISION OF THE OWNER AND OPERATOR AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY FOUR (24) HOURS AFTER ANY STORM EVENT WHICH GENERATES AT LEAST 0.25 INCHES OF RAINFALL PER TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF:
a. ALL AREAS THAT HAVE BEEN CLEARED, GRADED, OR EXCAVATED AND THAT HAVE NOT YET COMPLETED STABILIZATION;
b. ALL STORMWATER EROSION, RUNOFF, AND SEDIMENT CONTROL MEASURES (INCLUDING POLLUTION PREVENTION PRACTICES) INSTALLED AT THE SITE TO COMPLY WITH THIS PERMIT;
c. CONSTRUCTION MATERIAL, UNSTABILIZED SOIL STOCKPILES, WASTE, BORROW, OR EQUIPMENT STORAGE, AND MAINTENANCE AREAS THAT ARE COVERED BY THIS PERMIT AND ARE EXPOSED TO PRECIPITATION;
d. ALL AREAS WHERE STORMWATER TYPICALLY FLOWS WITHIN THE SITE, INCLUDING TEMPORARY DRAINAGE WAYS DESIGNED TO DIVERT, CONVEY, AND/OR TREAT STORMWATER;
e. ALL POINTS OF DISCHARGE FROM THE SITE;
f. ALL LOCATIONS WHERE TEMPORARY OR PERMANENT SOIL STABILIZATION MEASURES HAVE BEEN IMPLEMENTED.
g. ALL LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

General Phasing

PHASE 1 :

- 1. INSTALL PERIMETER EROSION CONTROLS AND PROTECT INFILTRATION BASINS.
2. ESTABLISH GROUND COVER ON THE SOUTHERN BERM ALONG THE WETLAND EDGE.
3. CONSTRUCT RIP RAP CHANNELS TO PERMANENTLY DIVERT OFF SITE RUN-ON AROUND THE PROJECT SITE.
4. CONSTRUCT DETENTION BASINS 1 AND 2 AND ESTABLISH GROUND COVER IN THE BASINS.
5. CONSTRUCT TEMPORARY SEDIMENT BASINS 1 AND 2.

PHASE 2:

- 1. PERFORM SITE EARTHWORK FOR BUILDING AND PARKING AREAS.
2. CONSTRUCT PERMANENT INFILTRATION BASINS AND ESTABLISH GROUND COVER.
3. CONNECT DRAINAGE PIPES TO PERMANENT BASINS AFTER GROUND COVER IS ESTABLISHED IN BASINS.

Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

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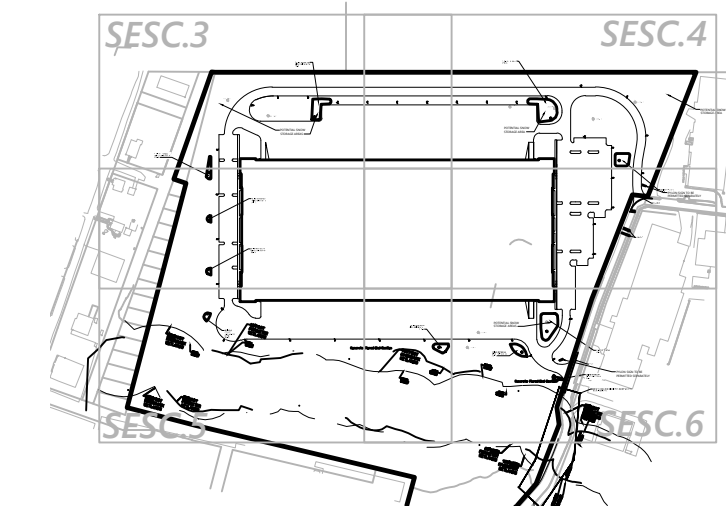
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Soil Erosion and Sediment Control - Legend and General Notes

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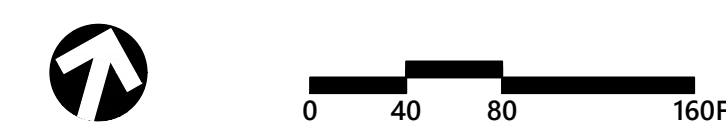


1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



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- Notes:**
- REFER TO SOIL EROSION AND SEDIMENT CONTROL PLAN REPORT FOR ADDITIONAL INFORMATION AND GUIDELINES.
  - TOTAL SITE AREA = 46.7 ACRES. TOTAL SITE DISTURBANCE = 33.3 ACRES.
  - LOCATION OF RECEIVING WATERS:
  - NO PORTION OF THE SITE FALLS WITHIN OR DIRECTLY DISCHARGES TO A NATURAL HERITAGE AREA (NHA), OR OTHERWISE IMPACTS THREATENED SPECIES OR HABITATS.
  - STOCKPILING MUST BE WITHIN PROJECT LIMIT OF WORK BUT OUTSIDE THE BMP AREAS SHOWN ON THE PLANS AND SUCH THAT CONSTRUCTION VEHICLES DO NOT DRIVE OVER THESE AREAS TO ACCESS THE STOCKPILES.
  - WASHOUT AND REFUELING AREAS MUST BE WITHIN PROJECT LIMITS BUT OUTSIDE THE BMP AREAS LISTED BELOW AND SHOWN ON THE PLANS.



### Proposed Warehouse/Distribution Development

Hallene Road  
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No.	Revision	Date	Appr'd.
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

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Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

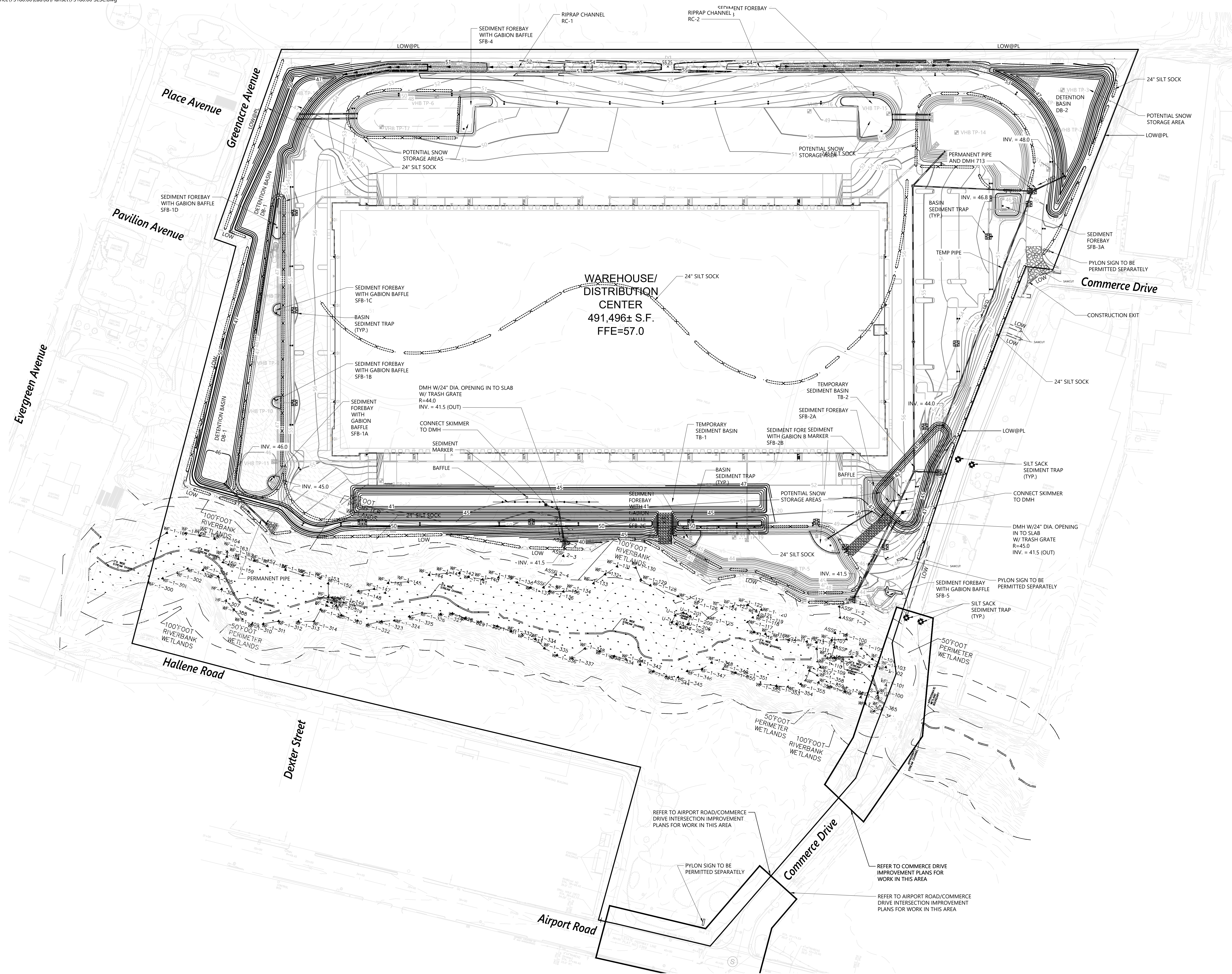
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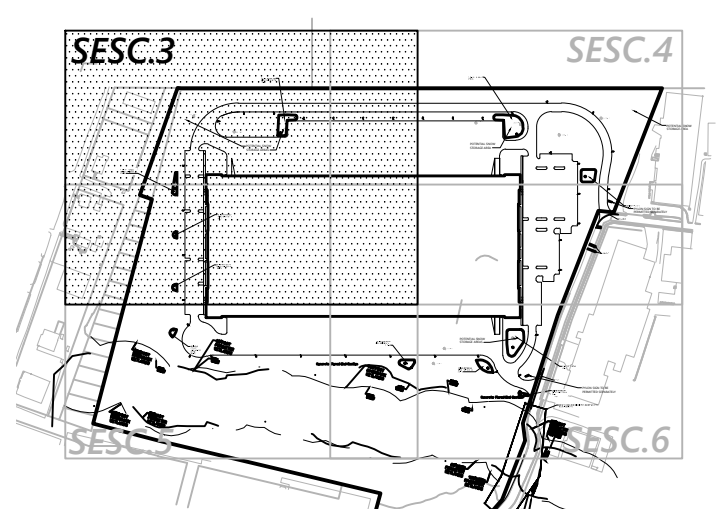
Sheet 2 of 7

Project Number: 73180.00

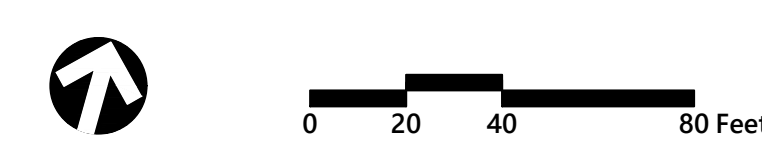
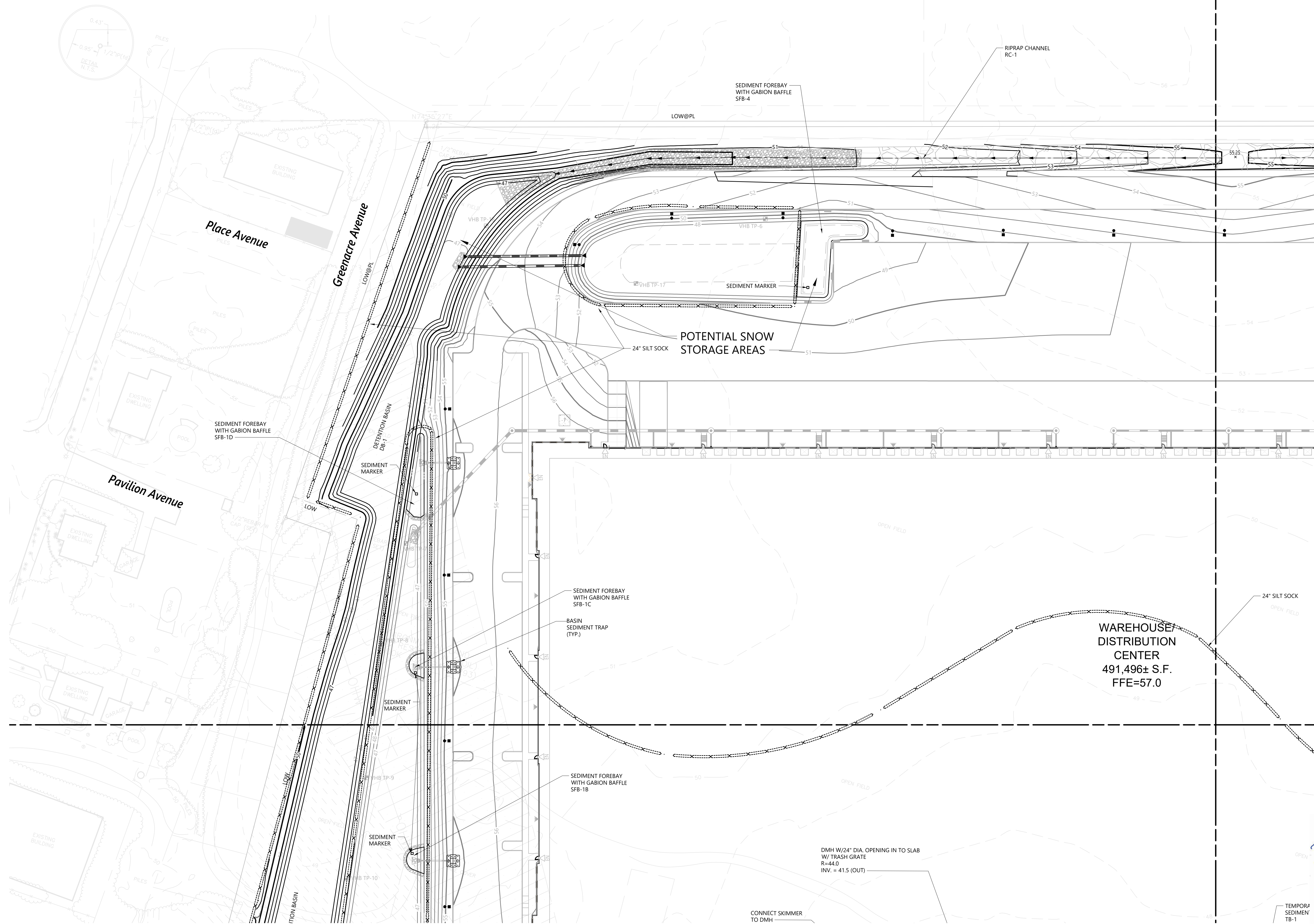
REGISTERED PROFESSIONAL ENGINEER  
No. 6517  
10/8/2021







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**Proposed Warehouse/Distribution Development**  
Hallene Road  
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No.	Revision	Date	Appr.
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

Designed by	AEC	Checked by	RLC
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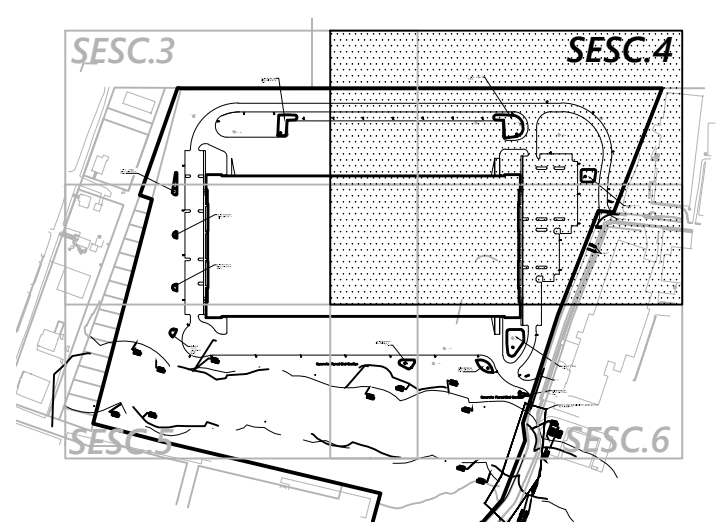
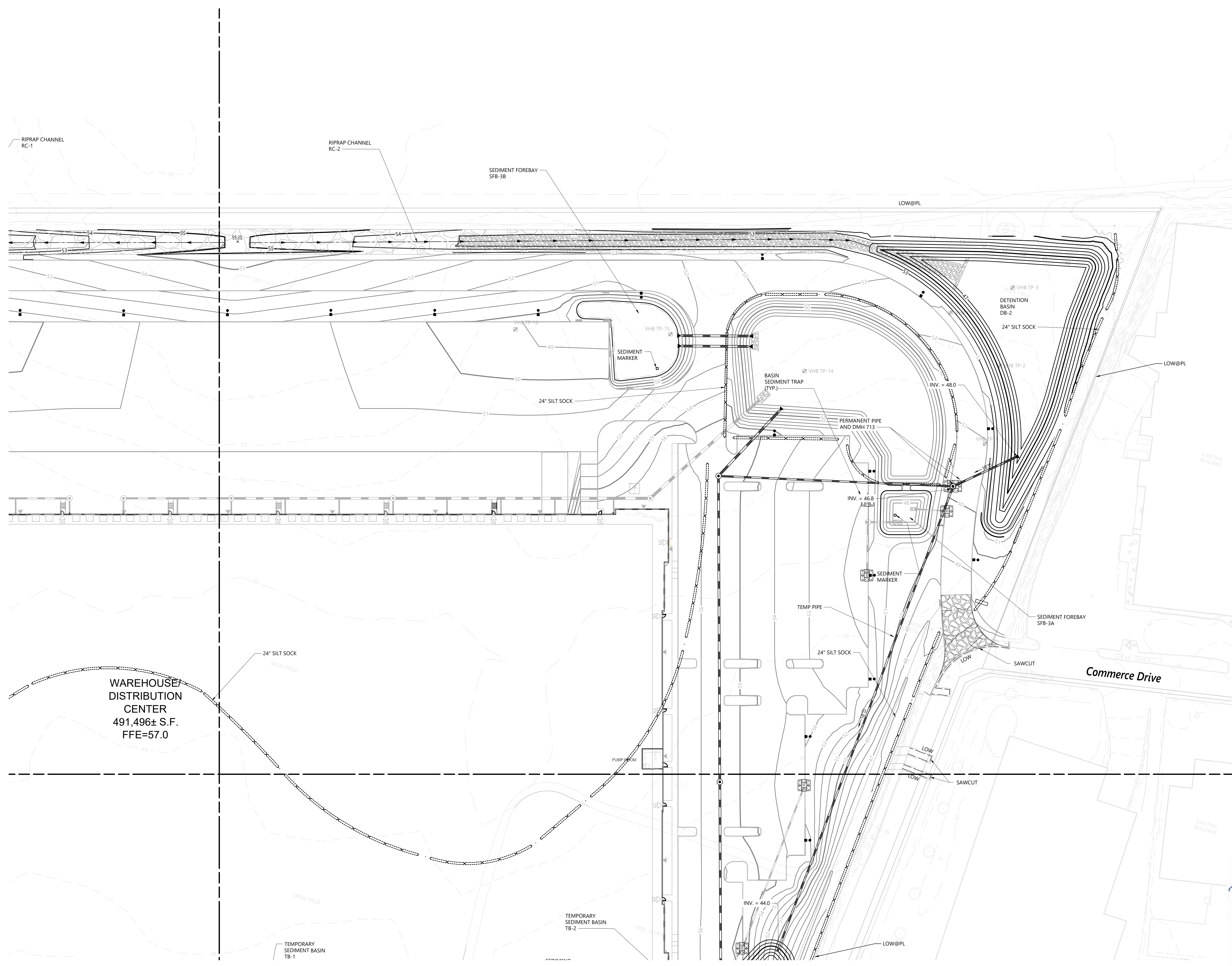
**Permits** June 1, 2021

**Soil Erosion and Sediment Control - Plan 1**

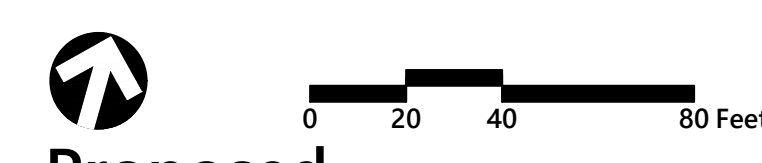
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Drawing Number: **SESC.3**  
Sheet: **3** of **7**  
Project Number: **73180.00**

Designed by: *[Signature]*  
Checked by: *[Signature]*  
Date: **10/8/2021**

**RENEE L. CODEGA**  
No. **6517**  
REGISTERED PROFESSIONAL ENGINEER



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**Proposed Warehouse/Distribution Development**  
Hallene Road  
Warwick, Rhode Island

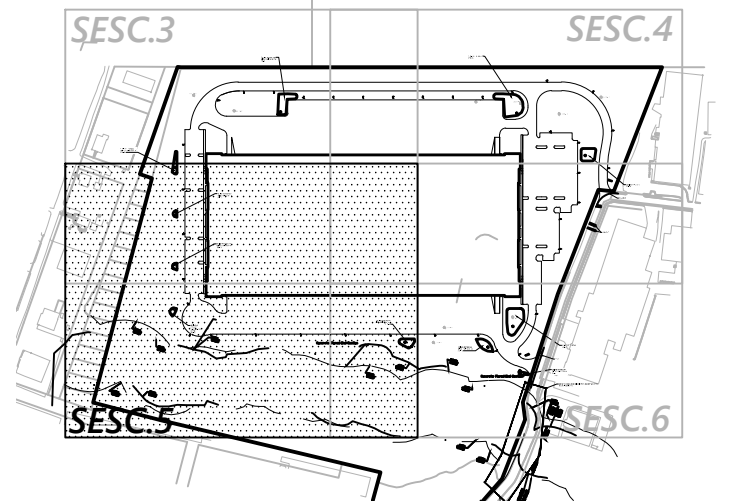
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2	PRELIMINARY/FINAL PERMITS	10/06/2021	

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Issued for: Permits  
Date: June 1, 2021

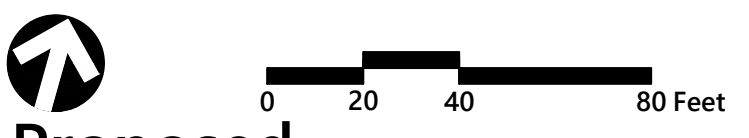
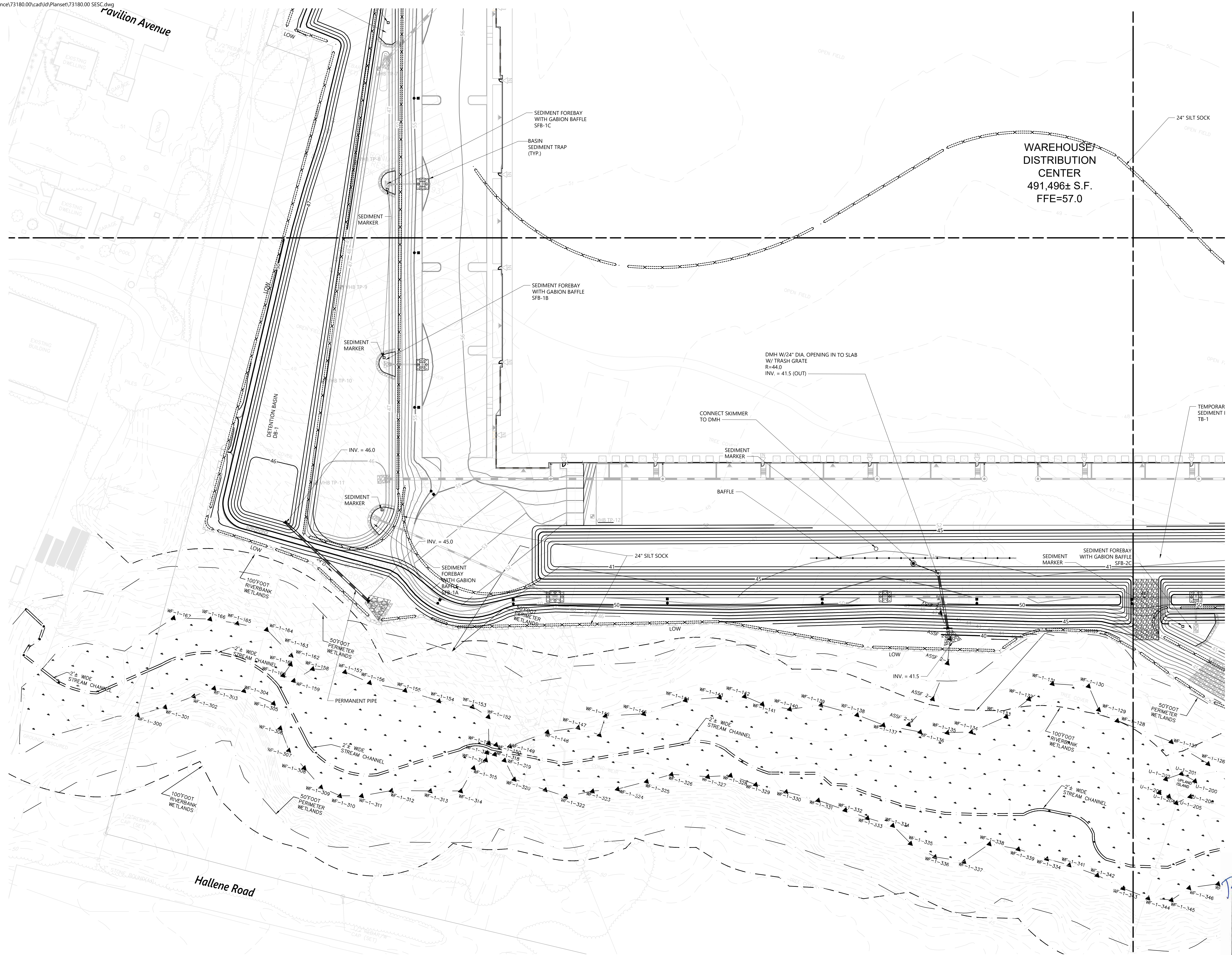
**Soil Erosion and Sediment Control - Plan 2**

*Theresa L. Codega*  
THERESA L. CODEGA  
No. 6517  
REGISTERED PROFESSIONAL ENGINEER  
10/8/2021

**SESC.4**  
Sheet 4 of 7  
Project Number 73180.00



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### Proposed Warehouse/Distribution Development

Hallene Road  
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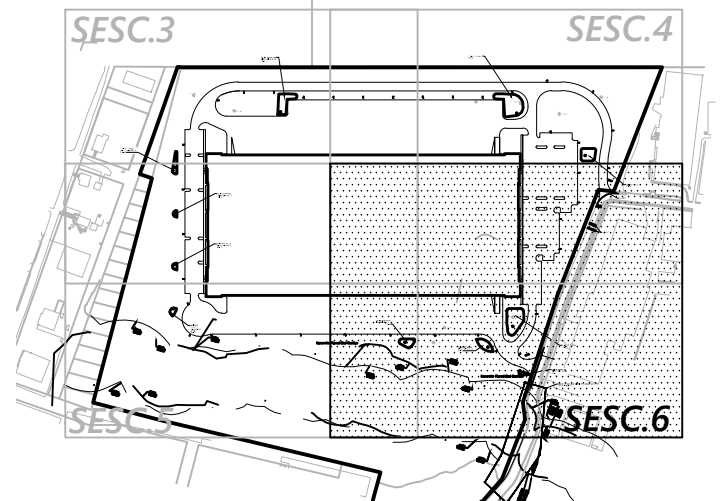
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Drawing Number: \_\_\_\_\_  
Sheet: **5** of **7**  
Project Number: **73180.00**  
Professional Engineer: **RENEE L. CODEGA**  
No. **6517**  
Date: **10/8/2021**

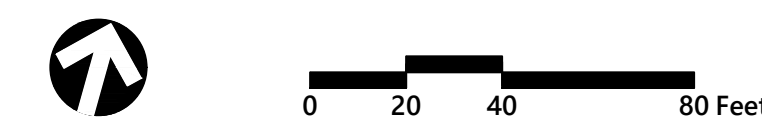
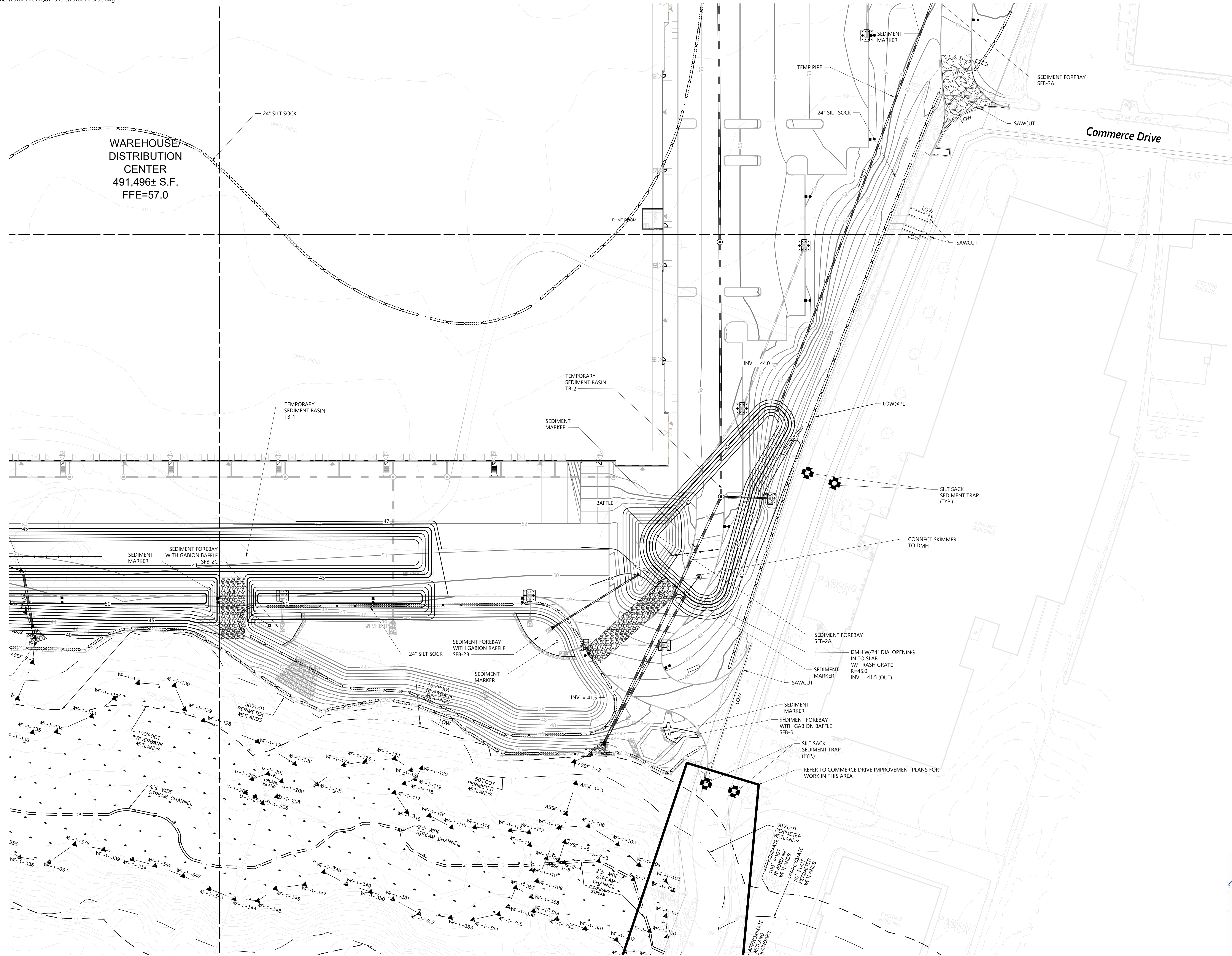
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Issued for: **Permits** Date: **June 1, 2021**

### Soil Erosion and Sediment Control - Plan 4

Drawing Title: **Soil Erosion and Sediment Control - Plan 4**  
Drawing Number: **SESC.6**

Designed by: *Renée L. Codega*

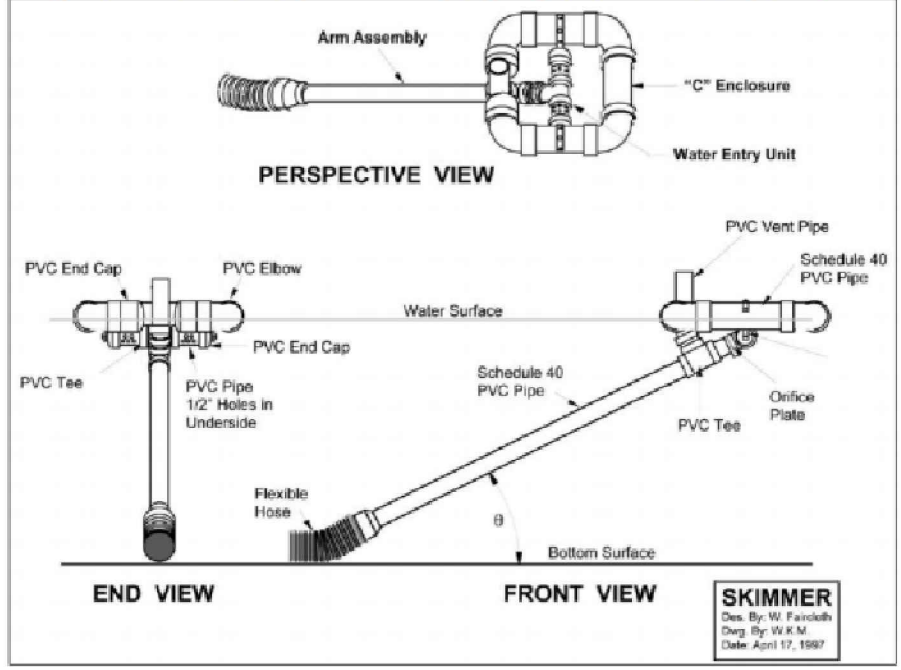
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Sheet **6** of **7**

Date: *10/8/2021*

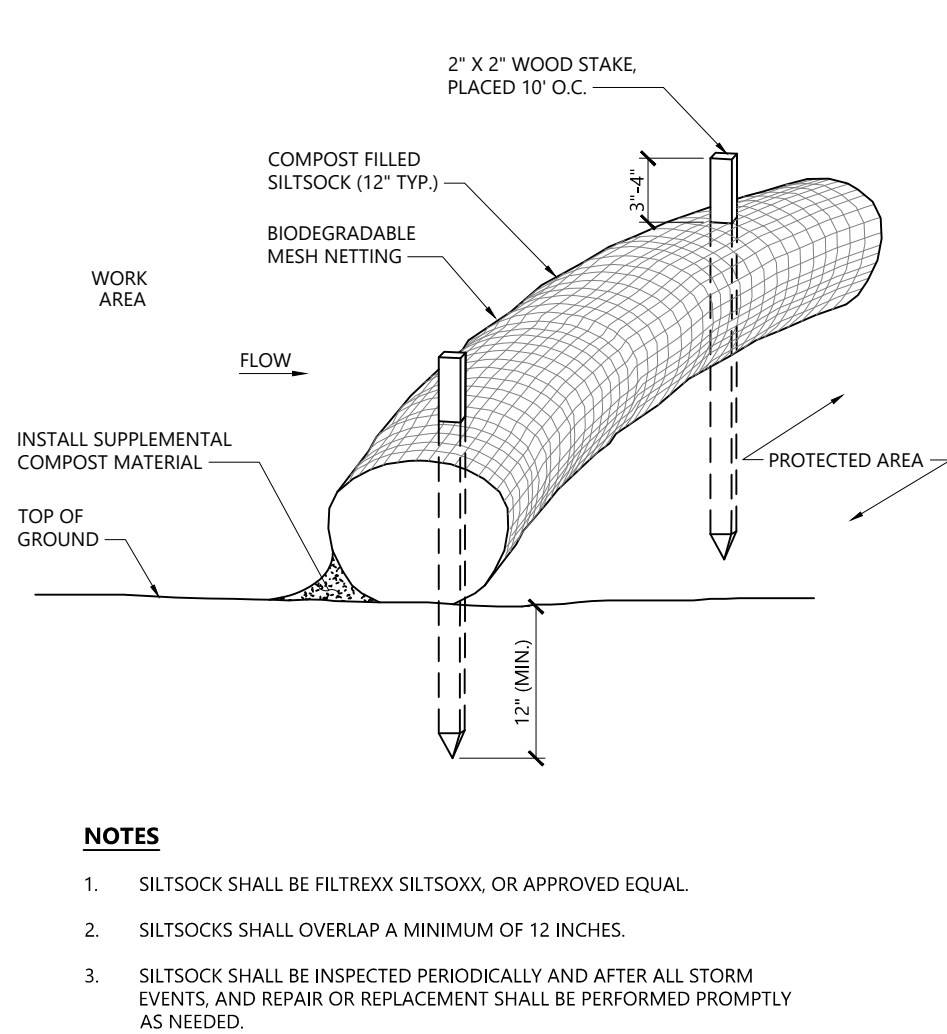
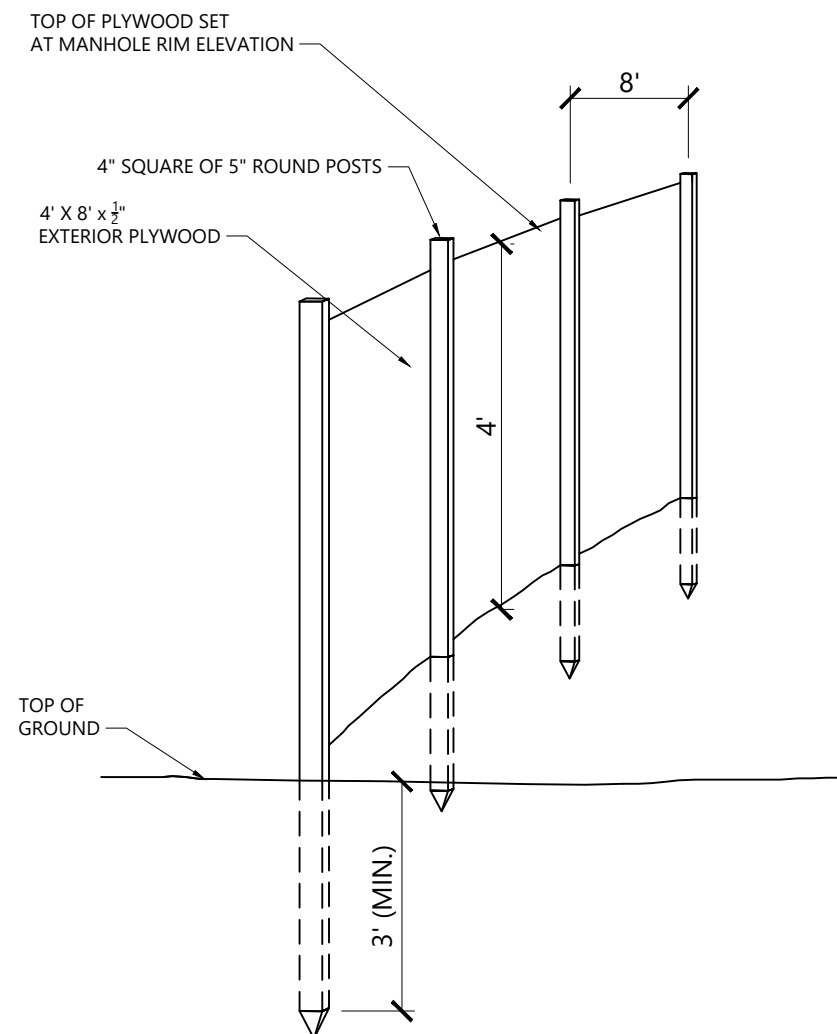
Section Six: Sediment Control Measures

Figure 13. Faircloth Skimmer Schematic Developed by Warren Faircloth, North Carolina



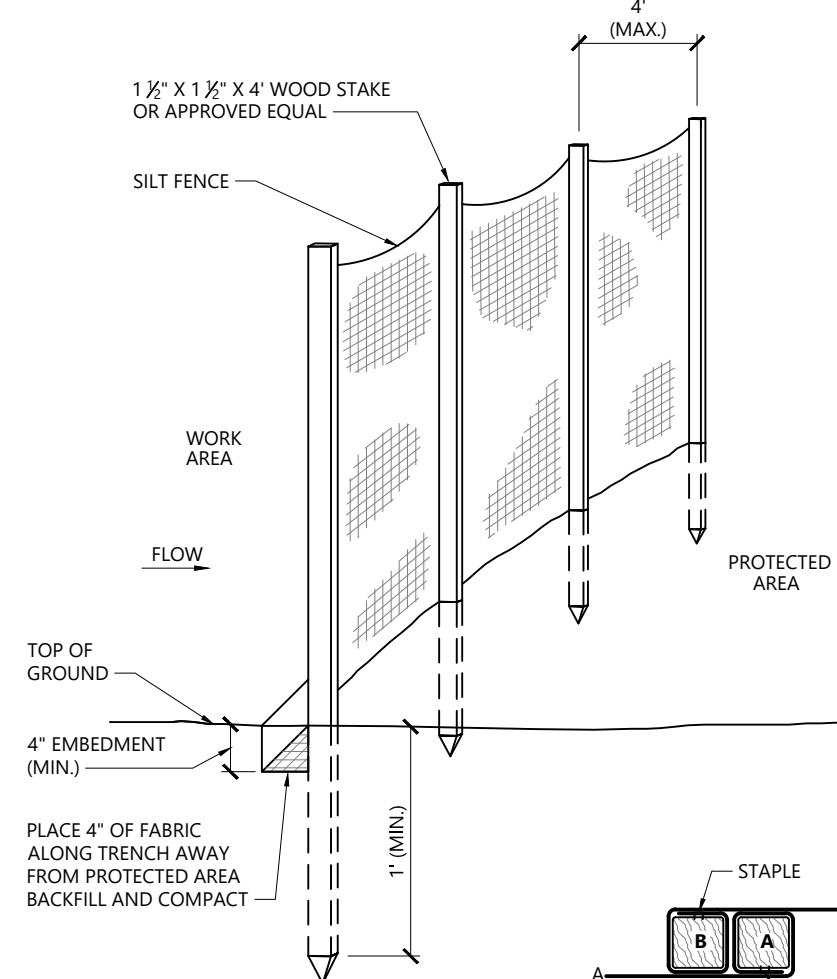
(Credit: 2002 Connecticut Guidelines for Soil Erosion and Sediment Control)

CONNECT FLEXIBLE HOSE TO MANHOLE

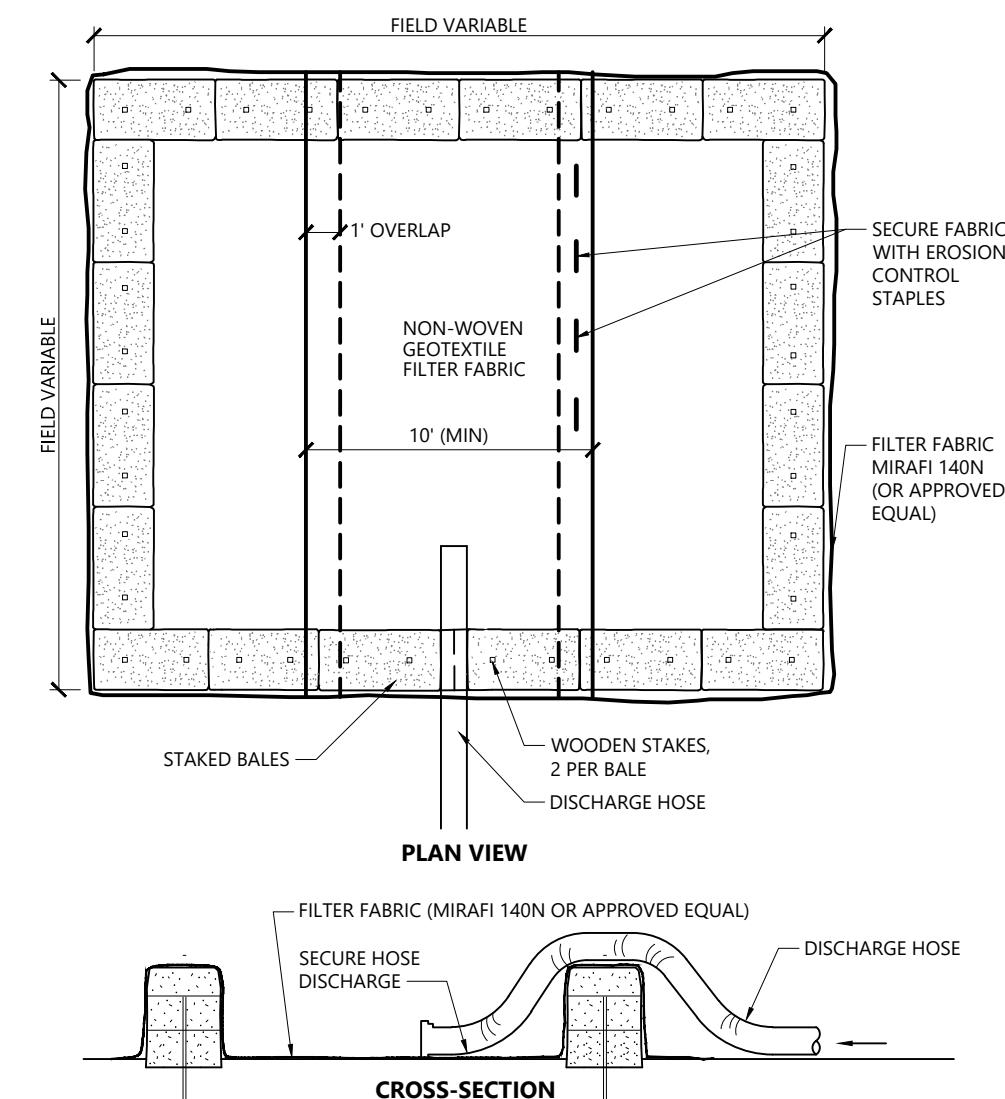


NOTES

- SILT SOCK SHALL BE FILTREXX SILT SOCK, OR APPROVED EQUAL.
- SILT SOCKS SHALL OVERLAP A MINIMUM OF 12 INCHES.
- SILT SOCKS SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
- COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
- IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFF SITE.



WOOD STAKE JOINT DETAIL



NOTES

- NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS.
- THE BASIN TO BE SIZED TO PREVENT DISCHARGE WATER FROM OVERTOPPING BASIN.

NOTES

- SEE SITE DETAILS FOR DETAILS OF FLARED END SECTIONS WITH STONE PROTECTION, RIP RAP CHANNELS, DRAIN MANHOLES, UTILITY TRENCH, OVERFLOW STONE SWALES, ANTI SEEPAGE COLLAR, AND DETENTION BASIN BERM SECTIONS.

**Skimmer** 5/21  
N.T.S. Source: RIDEM SESC HANDBOOK (THRU 2016) REV

**Baffle** 5/21  
N.T.S. Source: VHB REV

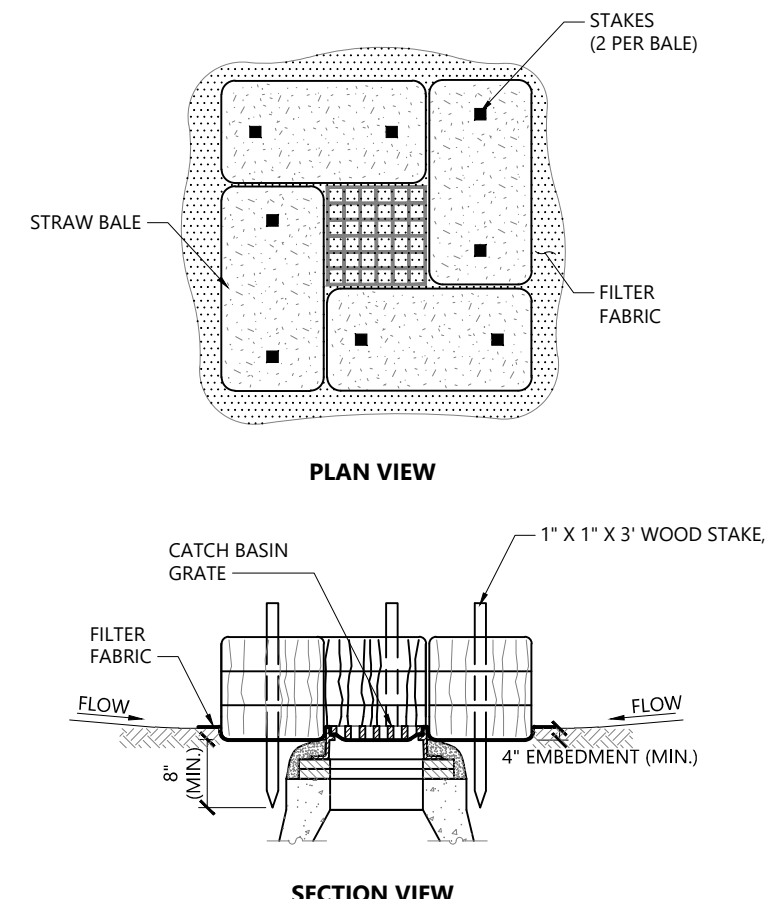
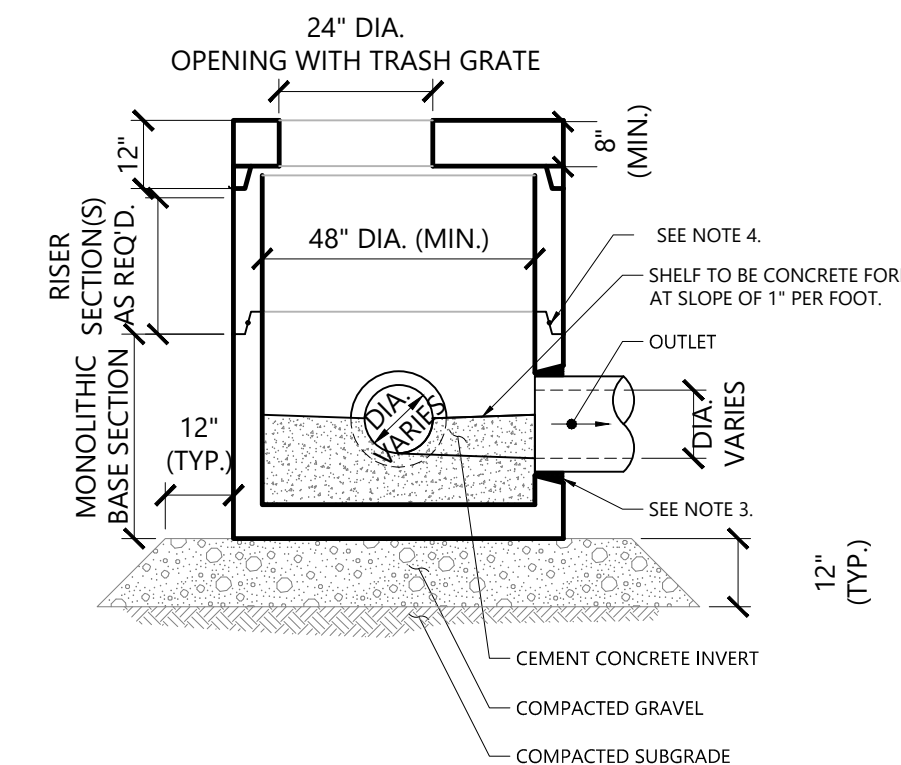
**Siltsock - Erosion Control Barrier** 1/16  
N.T.S. Source: VHB LD\_658

**Silt Fence Barrier** 1/16  
N.T.S. Source: VHB LD\_650

**Dewatering Straw Bale Basin** 1/16  
N.T.S. Source: VHB LD\_690

NOTES

- ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
- PROVIDE OPENINGS FOR PIPES WITH 2" MAX CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
- JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PERFORMED BUTYL RUBBER.



NOTES

- ENCLOSE STRUCTURE WITH HAYBALES IMMEDIATELY AFTER CATCH BASIN CONSTRUCTION. MAINTAIN UNTIL PAVING BINDER COURSE IS COMPLETE OR A PERMANENT STAND OF GRASS HAS BEEN ESTABLISHED.
- IF GRATE IS AGAINST EXISTING CURB THEN BALES ARE TO BE PLACED AROUND THREE SIDES OF GRATE ONLY.
- GRATE TO BE PLACED OVER FILTER FABRIC.
- BALES SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.

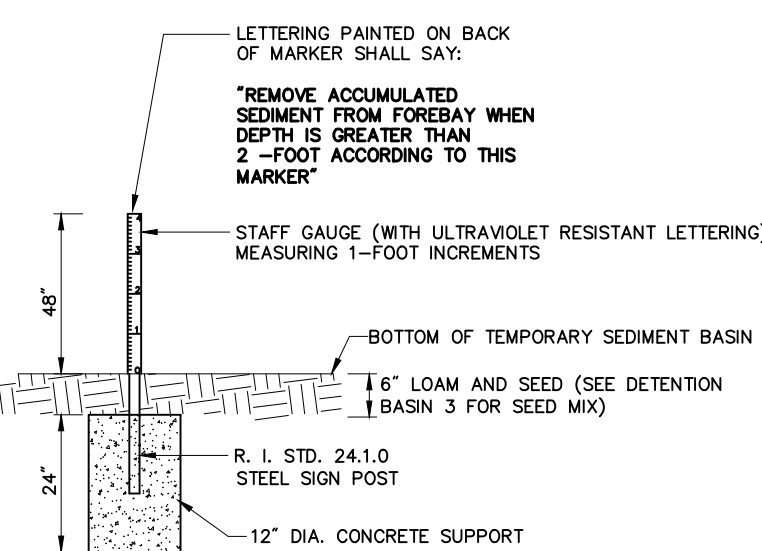
**Drain Manhole (DMH)** 1/16  
N.T.S. Source: VHB LD\_115

**Catch Basin Sediment Trap** 1/16  
N.T.S. Source: VHB LD\_673

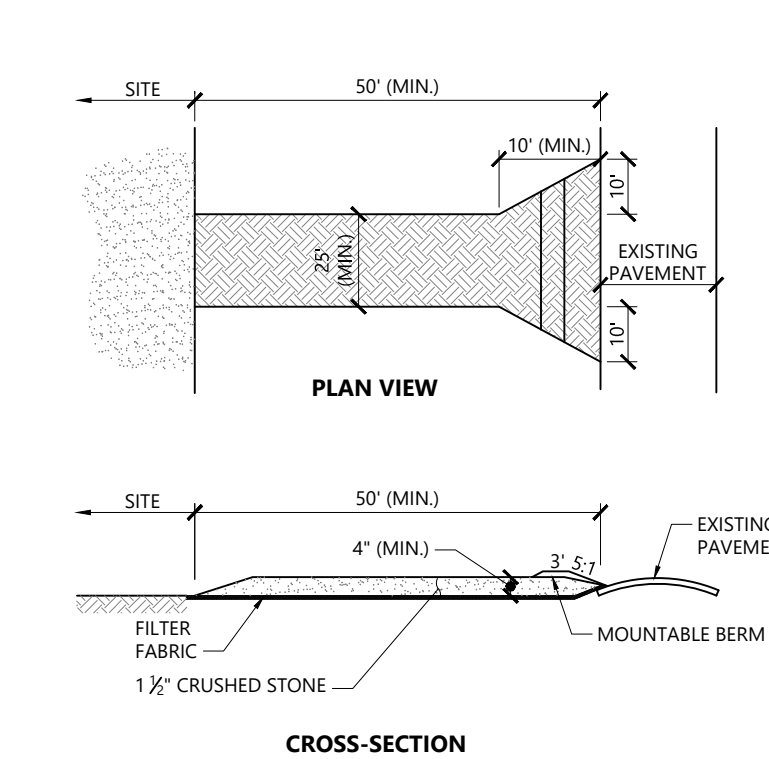
**Siltsock Sediment Trap** 1/16  
N.T.S. Source: VHB LD\_674

**Erosion Control Blanket Swale Installation** 1/16  
N.T.S. Source: VHB LD\_681

**Erosion Control Blanket Slope Installation** 1/16  
N.T.S. Source: VHB LD\_680



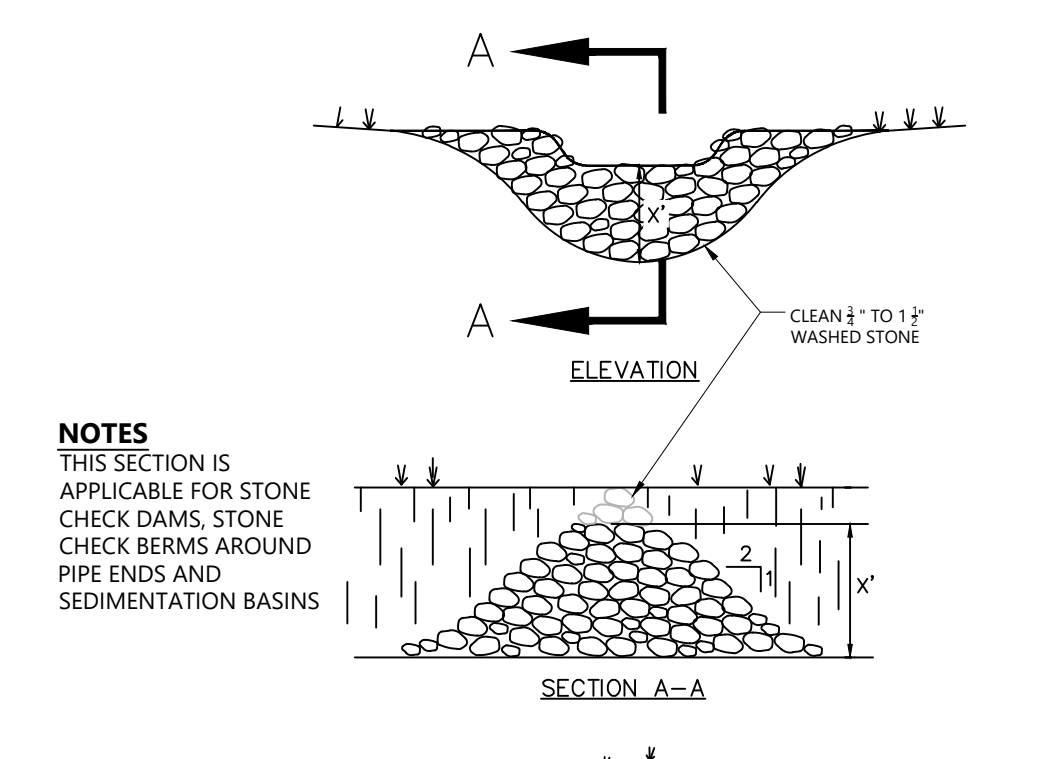
**Sediment Marker** 1/16  
N.T.S. Source: VHB LD\_115



NOTES

- EXIT WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERMS SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
- STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.

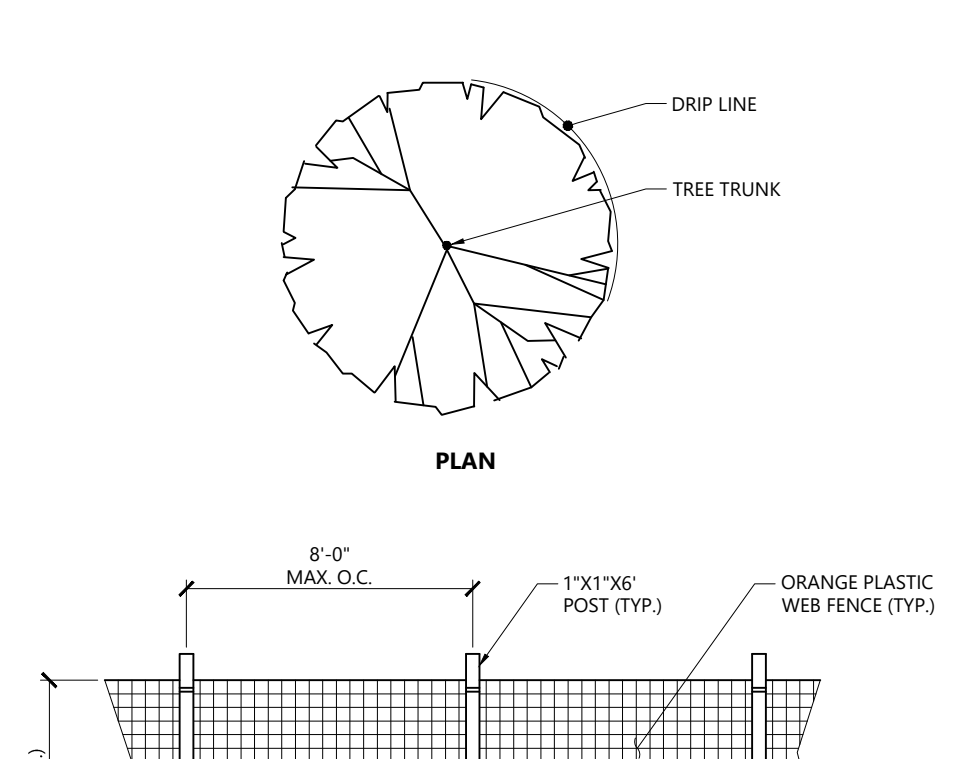
**Stabilized Construction Exit** 1/16  
N.T.S. Source: VHB LD\_682



NOTES

- THIS SECTION IS APPLICABLE FOR STONE CHECK DAMS, STONE CHECK BERMS AROUND PIPE ENDS AND SEDIMENTATION BASINS

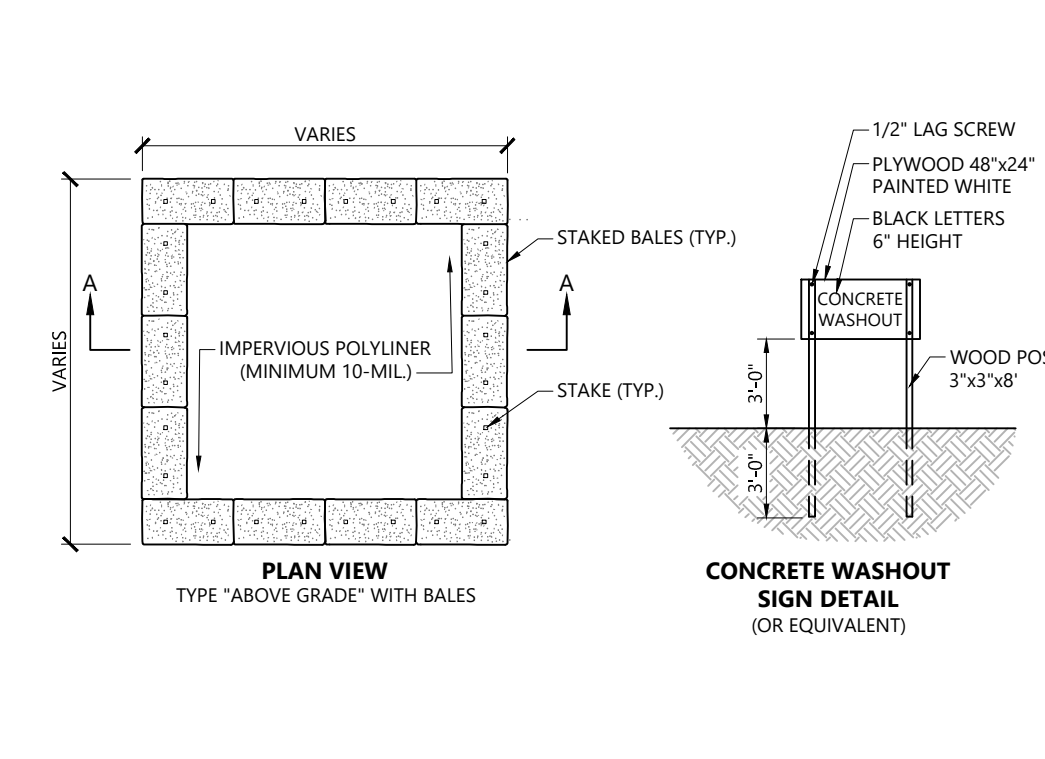
**Stone Check Dam** 7/13  
N.T.S. Source: VHB S-1313R



NOTES

- INSTALL TREE PROTECTION FENCE AT THE DRIP LINE OF EXISTING TREES TO REMAIN.

**Tree Protection Fence** 1/16  
N.T.S. Source: VHB LD\_610



NOTES

- FINAL LOCATION TO BE DETERMINED BY CONTRACTOR BASED ON SITE CONDITIONS.
- KEEP AS FAR FROM DRAINAGE CHANNELS AND WETLAND AREAS AS PRACTICAL.
- SUMPS TO BE CLEANED AND WASTE CONCRETE REMOVED AND PROPERLY DISPOSED OF UPON COMPLETION OF WORK.

**Concrete Washout** 12/17  
N.T.S. Source: VHB

Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	Appvd.
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

Designed by: AEC  
Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

Soil Erosion and Sediment Control - Details

PRENEEL L. CODEGA  
No. 6517  
REGISTERED PROFESSIONAL ENGINEER

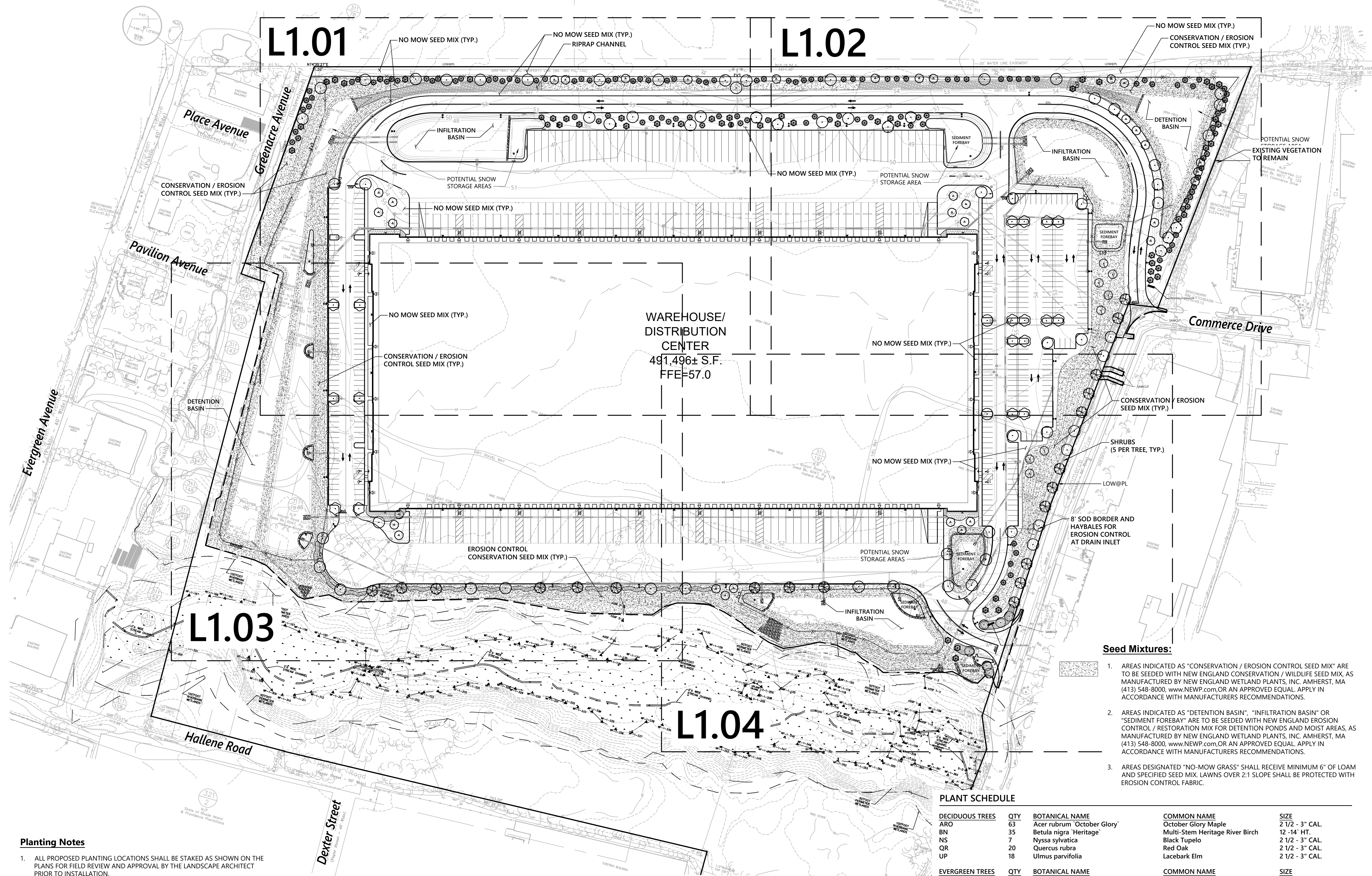
SESC.7

Sheet 7 of 7

Project Number 73180.00



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



- Seed Mixtures:**
- AREAS INDICATED AS "CONSERVATION / EROSION CONTROL SEED MIX" ARE TO BE SEEDED WITH NEW ENGLAND CONSERVATION / WILDLIFE SEED MIX, AS MANUFACTURED BY NEW ENGLAND WETLAND PLANTS, INC. AMHERST, MA (413) 548-8000, WWW.NEWP.COM, OR AN APPROVED EQUAL. APPLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
  - AREAS INDICATED AS "DETENTION BASIN", "INFILTRATION BASIN" OR "SEDIMENT FOREBAY" ARE TO BE SEEDED WITH NEW ENGLAND EROSION CONTROL / RESTORATION MIX FOR DETENTION PONDS AND MOIST AREAS, AS MANUFACTURED BY NEW ENGLAND WETLAND PLANTS, INC. AMHERST, MA (413) 548-8000, WWW.NEWP.COM OR AN APPROVED EQUAL. APPLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
  - AREAS DESIGNATED "NO-MOW GRASS" SHALL RECEIVE MINIMUM 6" OF LOAM AND SPECIFIED SEED MIX. LAWNS OVER 2:1 SLOPE SHALL BE PROTECTED WITH EROSION CONTROL FABRIC.

**PLANT SCHEDULE**

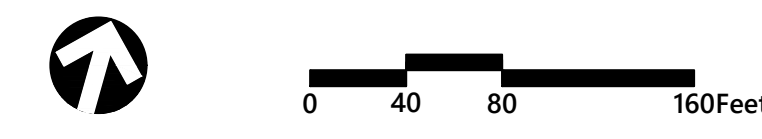
DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
ARO	63	Acer rubrum 'October Glory'	October Glory Maple	2 1/2 - 3" CAL.
BN	35	Betula nigra 'Heritage'	Multi-Stem Heritage River Birch	12 - 14" HT.
NS	7	Nyssa sylvatica	Black Tupelo	2 1/2 - 3" CAL.
QR	20	Quercus rubra	Red Oak	2 1/2 - 3" CAL.
UP	18	Ulmus parvifolia	Lacebark Elm	2 1/2 - 3" CAL.
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
JV	123	Juniperus virginiana	Eastern Red Cedar	6 - 7' HT.
PG	50	Picea glauca	White Spruce	7 - 8' HT.
PS	8	Pinus strobus	White Pine	6 - 7' HT.
FLOWERING TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
CCI	6	Crataegus crus-galli 'Inermis'	Thornless Cockspur Hawthorn	2 1/2 - 3" CAL.
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE
CA	130	Ceanothus americanus	New Jersey Tea	18 - 24" SPD
CR	53	Cornus racemosa	Gray Dogwood	2 - 3' HT.
CS	57	Cornus sericea	Red Twig Dogwood	2 - 3' HT.
CSA	60	Cornus sericea 'Arctic Fire'	Arctic Fire Red Twig Dogwood	2 - 3' HT.
CSK	6	Cornus sericea 'Kelseyi'	Kelsey's Dwarf Red Twig Dogwood	24 - 30" HT.
HLQ	97	Hydrangea paniculata 'Little Quick Fire'	Little Quick Fire Hydrangea	3 GAL / 18" HT.
IGS	75	Ilex glabra 'Shamrock'	Shamrock Inkberry	2 - 3' HT.
JB	52	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Creeping Juniper	2 GAL.
PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	SIZE
NW	43	Nepeta x faassenii 'Walkers Low'	Walkers Low Catmint	2 GAL.
RF	12	Rudbeckia fulgida 'Goldsturm'	Goldsturm Black-eyed Susan	2 GAL.
GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
PVS	165	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	#2 POT

**Planting Notes**

- ALL PROPOSED PLANTING LOCATIONS SHALL BE STAKED AS SHOWN ON THE PLANS FOR FIELD REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL BELOW GRADE AND ABOVE GROUND UTILITIES AND NOTIFY OWNERS REPRESENTATIVE OF CONFLICTS.
- NO PLANT MATERIALS SHALL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY CONFLICT.
- A 3-INCH DEEP MULCH PER SPECIFICATION SHALL BE INSTALLED UNDER ALL TREES AND SHRUBS, AND IN ALL PLANTING BEDS, UNLESS OTHERWISE INDICATED ON THE PLANS, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
- ALL TREES SHALL BE BALLED AND BURLAPPED, UNLESS OTHERWISE NOTED IN THE DRAWINGS OR SPECIFICATION, OR APPROVED BY THE OWNER'S REPRESENTATIVE.
- FINAL QUANTITY FOR EACH PLANT TYPE SHALL BE AS GRAPHICALLY SHOWN ON THE PLAN. THIS NUMBER SHALL TAKE PRECEDENCE IN CASE OF ANY DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLANT LIST AND ON THE PLAN. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLANT LIST AND PLANT LABELS PRIOR TO BIDDING.
- ANY PROPOSED PLANT SUBSTITUTIONS MUST BE REVIEWED BY LANDSCAPE ARCHITECT AND APPROVED IN WRITING BY THE OWNER'S REPRESENTATIVE.
- ALL PLANT MATERIALS INSTALLED SHALL MEET THE SPECIFICATIONS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND CONTRACT DOCUMENTS.
- ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.
- AREAS DESIGNATED "LOAM & SEED" SHALL RECEIVE MINIMUM 6" OF LOAM AND SPECIFIED SEED MIX. LAWNS OVER 2:1 SLOPE SHALL BE PROTECTED WITH EROSION CONTROL FABRIC.
- ALL DISTURBED AREAS NOT OTHERWISE NOTED ON CONTRACT DOCUMENTS SHALL BE NO MOW SEED MIXED OR MULCHED AS DIRECTED BY OWNER'S REPRESENTATIVE.
- THIS PLAN IS INTENDED FOR PLANTING PURPOSES. REFER TO SITE / CIVIL DRAWINGS FOR ALL OTHER SITE CONSTRUCTION INFORMATION.

**Plant Maintenance Notes**

- CONTRACTOR SHALL PROVIDE COMPLETE MAINTENANCE OF THE LAWNS AND PLANTINGS. NO IRRIGATION IS PROPOSED FOR THIS SITE. THE CONTRACTOR SHALL SUPPLY SUPPLEMENTAL WATERING FOR NEW LAWNS AND PLANTINGS DURING THE ONE YEAR PLANT GUARANTEE PERIOD.
- CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT FOR THE COMPLETE LANDSCAPE MAINTENANCE WORK. WATER SHALL BE PROVIDED BY THE CONTRACTOR.
- WATERING SHALL BE REQUIRED DURING THE GROWING SEASON, WHEN NATURAL RAINFALL IS BELOW ONE INCH PER WEEK.
- WATER SHALL BE APPLIED IN SUFFICIENT QUANTITY TO THOROUGHLY SATURATE THE SOIL IN THE ROOT ZONE OF EACH PLANT.
- CONTRACTOR SHALL REPLACE DEAD OR DYING PLANTS AT THE END OF THE ONE YEAR GUARANTEE PERIOD. CONTRACTOR SHALL TURN OVER MAINTENANCE TO THE FACILITY MAINTENANCE STAFF AT THAT TIME.



**Proposed Warehouse/Distribution Development**  
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY / FINAL PERMITS	10/8/2021	

Designed by: EJB  
Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

Not Approved for Construction

**Overall Planting Plan**

10/8/21

**L1.00**

Sheet 1 of 6

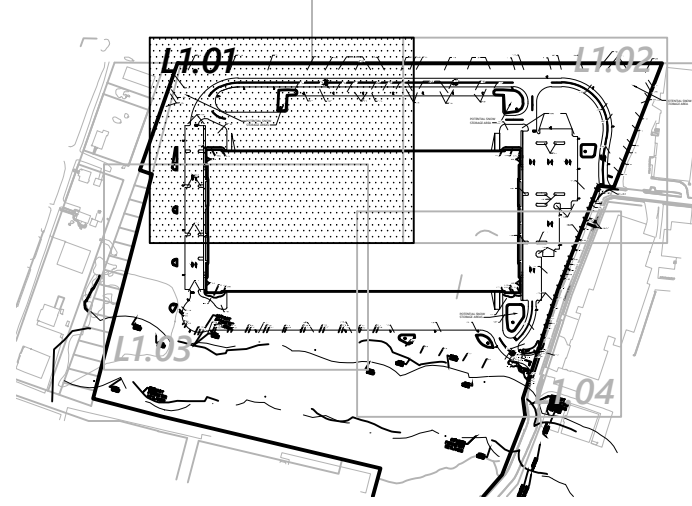
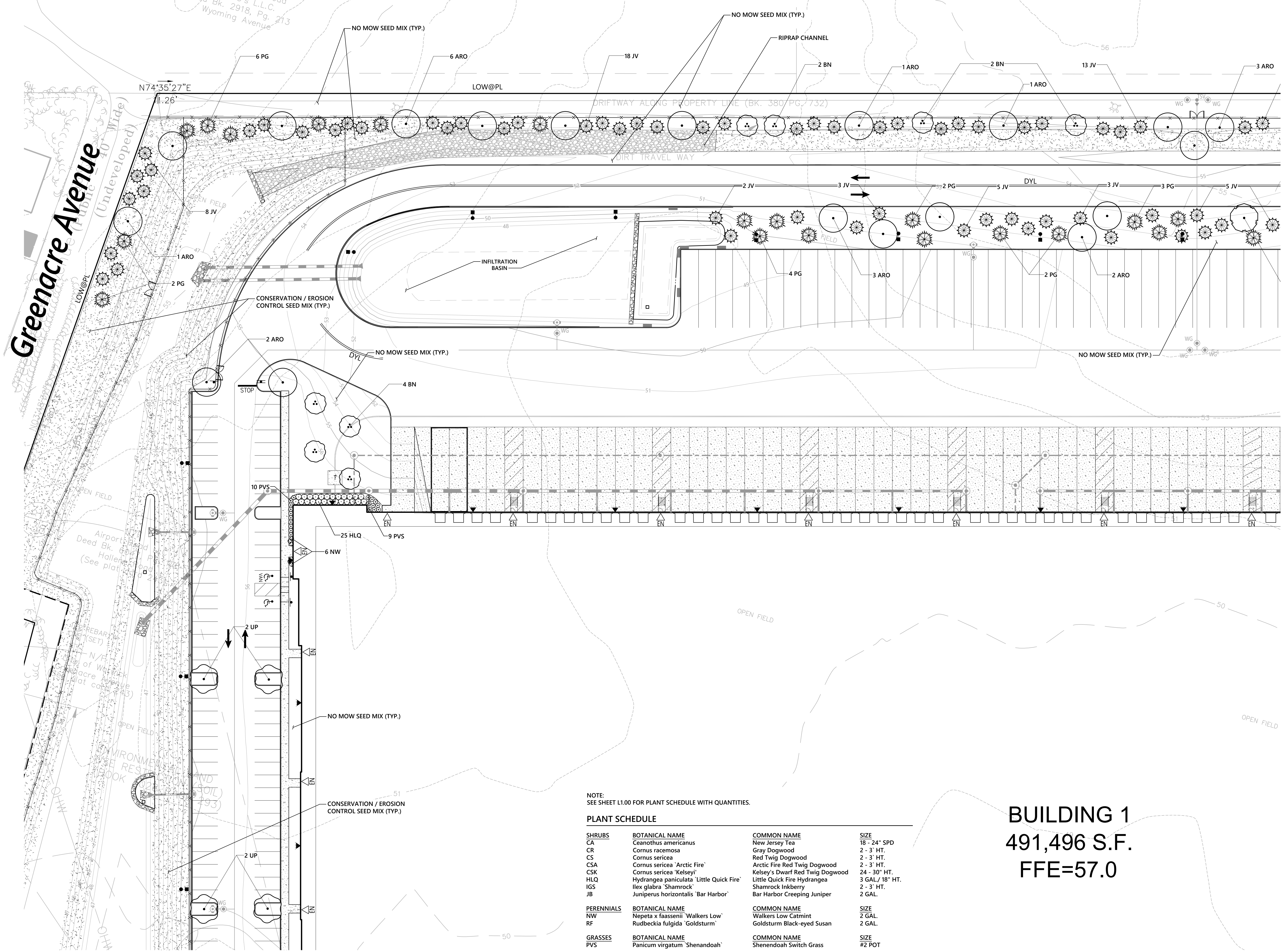
Project Number: 73180.00

N/F  
Vincent P. Confredo  
Seven C's L.L.C.  
Deed Bk. 2918, Pg. 213  
Wyoming Avenue

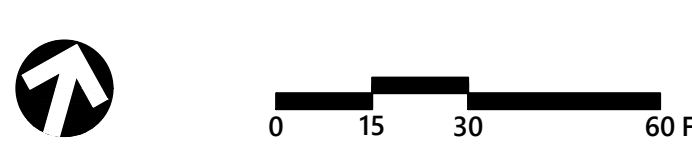


1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

**Greenacre Avenue**  
(Undeveloped)



**Key**  
Not To Scale



**Proposed Warehouse/Distribution Development**  
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd.
1	RIDEM RESUBMISSION	9/14/2021	
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Designed by: **AEC** Checked by: **RLC**  
Issued for: \_\_\_\_\_ Date: \_\_\_\_\_

**Permits** June 1, 2021

Not Approved for Construction

**Planting Plan 1**



**L1.01**

Sheet 2 of 6

Project Number  
**73180.00**

NOTE:  
SEE SHEET L1.00 FOR PLANT SCHEDULE WITH QUANTITIES.

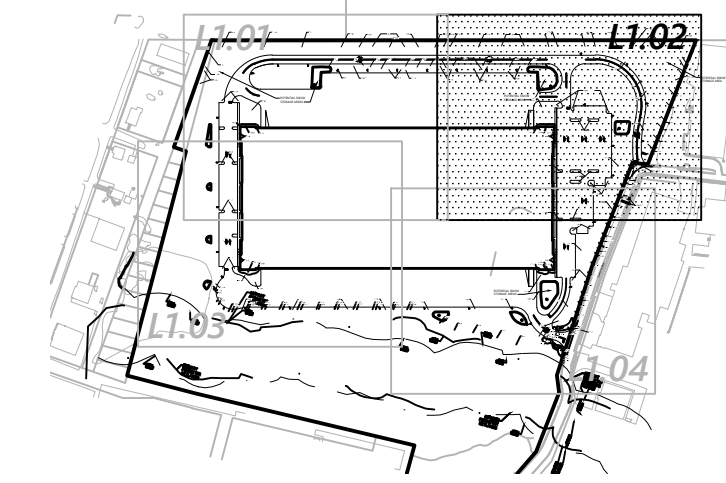
**PLANT SCHEDULE**

SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE
CA	Ceanothus americanus	New Jersey Tea	18 - 24" SPD
CR	Cornus racemosa	Gray Dogwood	2 - 3' HT.
CS	Cornus sericea	Red Twig Dogwood	2 - 3' HT.
CSA	Cornus sericea 'Arctic Fire'	Arctic Fire Red Twig Dogwood	2 - 3' HT.
CSK	Cornus sericea 'Kelsey'	Kelsey's Dwarf Red Twig Dogwood	24 - 30" HT.
HLQ	Hydrangea paniculata 'Little Quick Fire'	Little Quick Fire Hydrangea	3 GAL / 18" HT.
IGS	Ilex glabra 'Shamrock'	Shamrock Inkberry	2 - 3' HT.
JB	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Creeping Juniper	2 GAL.
PERENNIALS	BOTANICAL NAME	COMMON NAME	SIZE
NW	Nepeta x faassenii 'Walkers Low'	Walkers Low Catmint	2 GAL.
RF	Rudbeckia fulgida 'Goldsturm'	Goldsturm Black-eyed Susan	2 GAL.
GRASSES	BOTANICAL NAME	COMMON NAME	SIZE
PVS	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	#2 POT

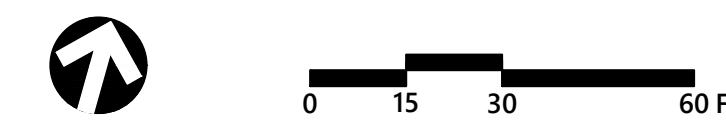
**BUILDING 1**  
**491,496 S.F.**  
**FFE=57.0**



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



**Key**  
Not To Scale



**Proposed Warehouse/Distribution Development**

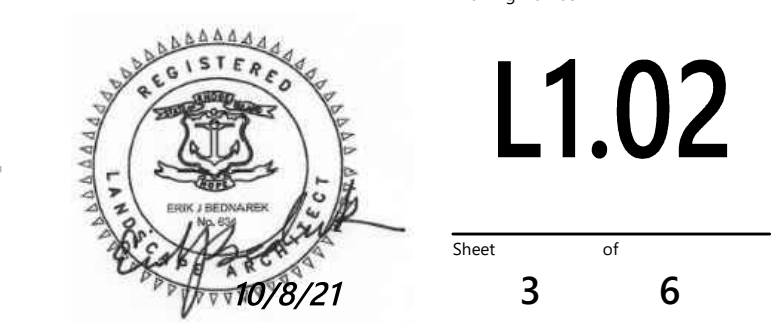
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	Appr'd.
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY / FINAL PERMITS	10/8/2021	

Designed by: **AEC** Checked by: **RLC**  
Issued for: **Permits** Date: **June 1, 2021**

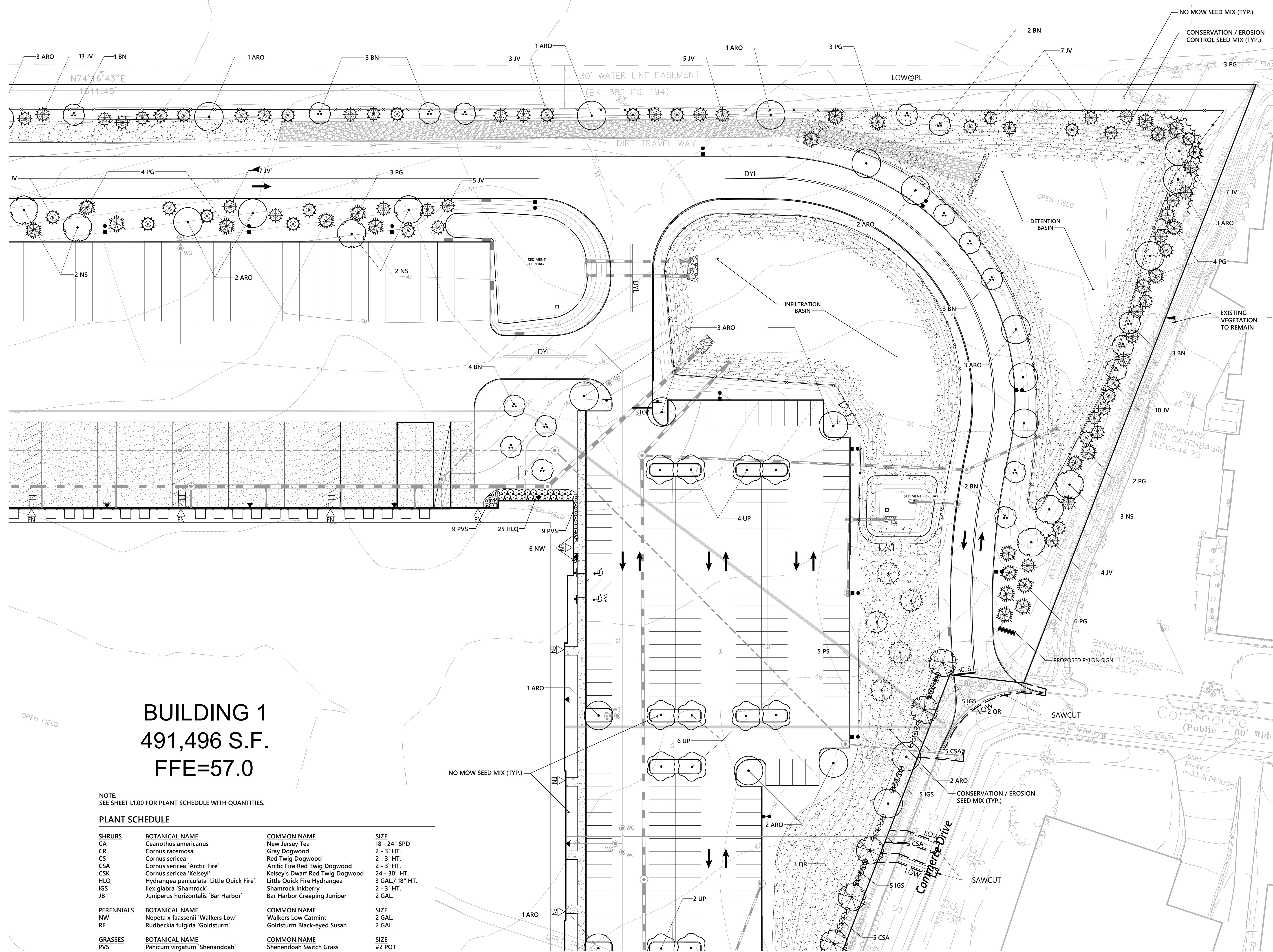
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Drawing Title:  
**Planting Plan 2**



Sheet **L1.02** of 3 6

Project Number  
73180.00



**BUILDING 1**  
491,496 S.F.  
FFE=57.0

NOTE:  
SEE SHEET L1.00 FOR PLANT SCHEDULE WITH QUANTITIES.

**PLANT SCHEDULE**

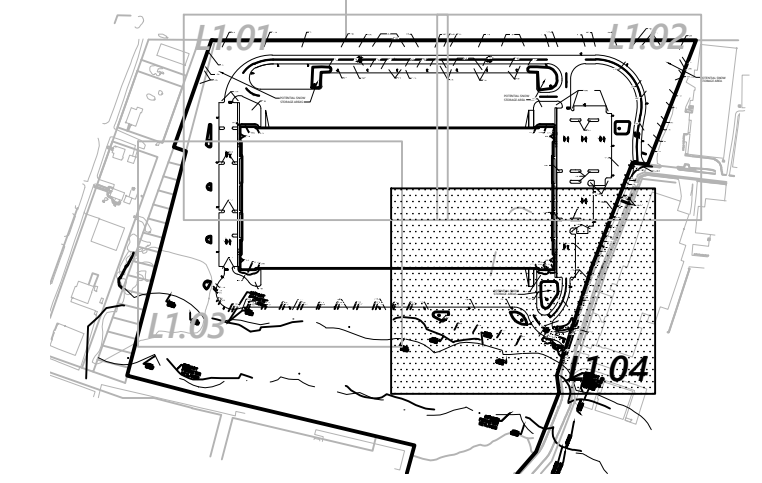
SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE
CA	Ceanothus americanus	New Jersey Tea	18 - 24" SPD
CR	Cornus racemosa	Gray Dogwood	2 - 3' HT.
CS	Cornus sericea	Red Twig Dogwood	2 - 3' HT.
CSA	Cornus sericea 'Arctic Fire'	Arctic Fire Red Twig Dogwood	2 - 3' HT.
CSK	Cornus sericea 'Kelsey'	Kelsey's Dwarf Red Twig Dogwood	24 - 30" HT.
HLQ	Hydrangea paniculata 'Little Quick Fire'	Little Quick Fire Hydrangea	3 GAL./18" HT.
IGS	Ilex glabra 'Shamrock'	Shamrock Inkberry	2 - 3' HT.
JB	Juniperus horizontalis 'Bar Harbor'	Bar Harbor Creeping Juniper	2 GAL.
PERENNIALS	BOTANICAL NAME	COMMON NAME	SIZE
NW	Nepeta x faassenii 'Walkers Low'	Walkers Low Catmint	2 GAL.
RF	Rudbeckia fulgida 'Goldsturm'	Goldsturm Black-eyed Susan	2 GAL.
GRASSES	BOTANICAL NAME	COMMON NAME	SIZE
PVS	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	#2 POT



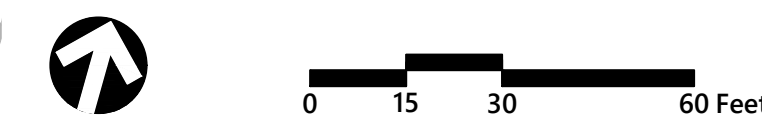




1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



**Key**  
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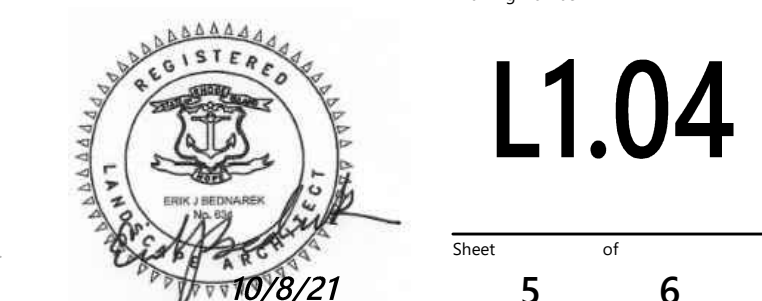


**Proposed Warehouse/Distribution Development**  
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd
1	RIDEM RESUBMISSION	9/14/2021	
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Designed by: **AEC** Checked by: **RLC**  
Issued for: **Permits** Date: **June 1, 2021**

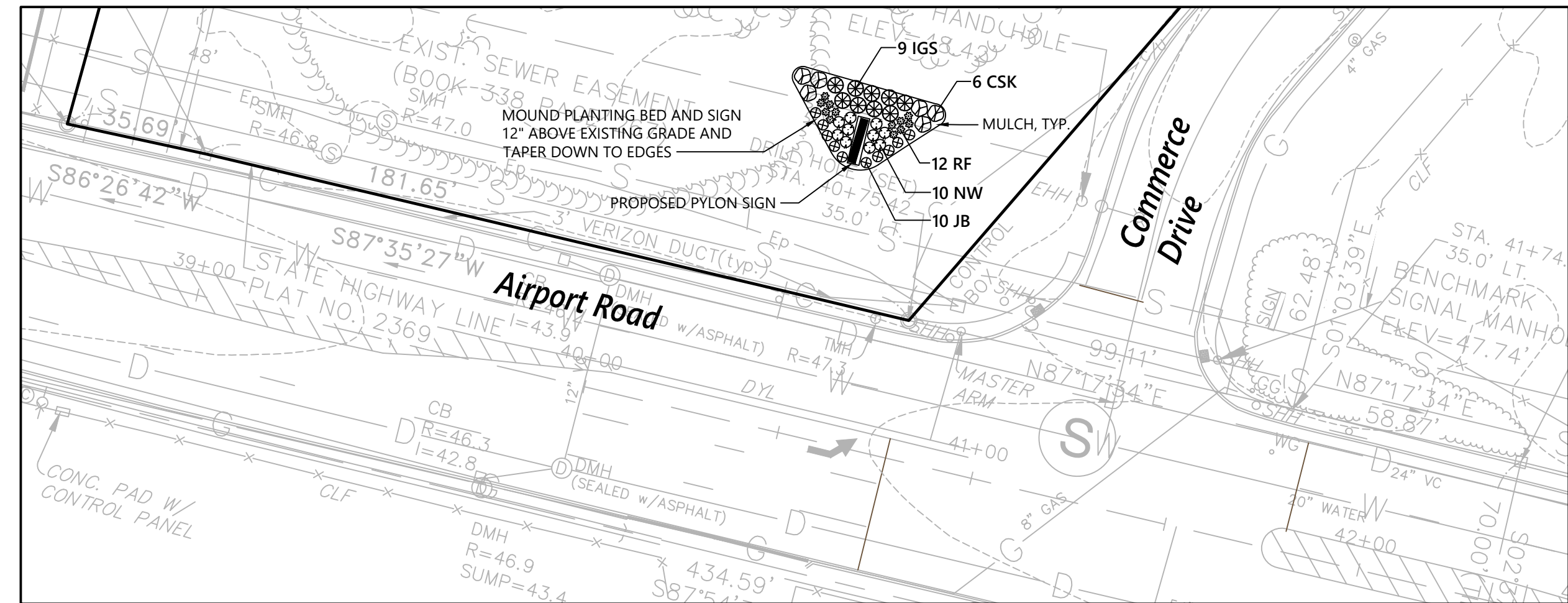
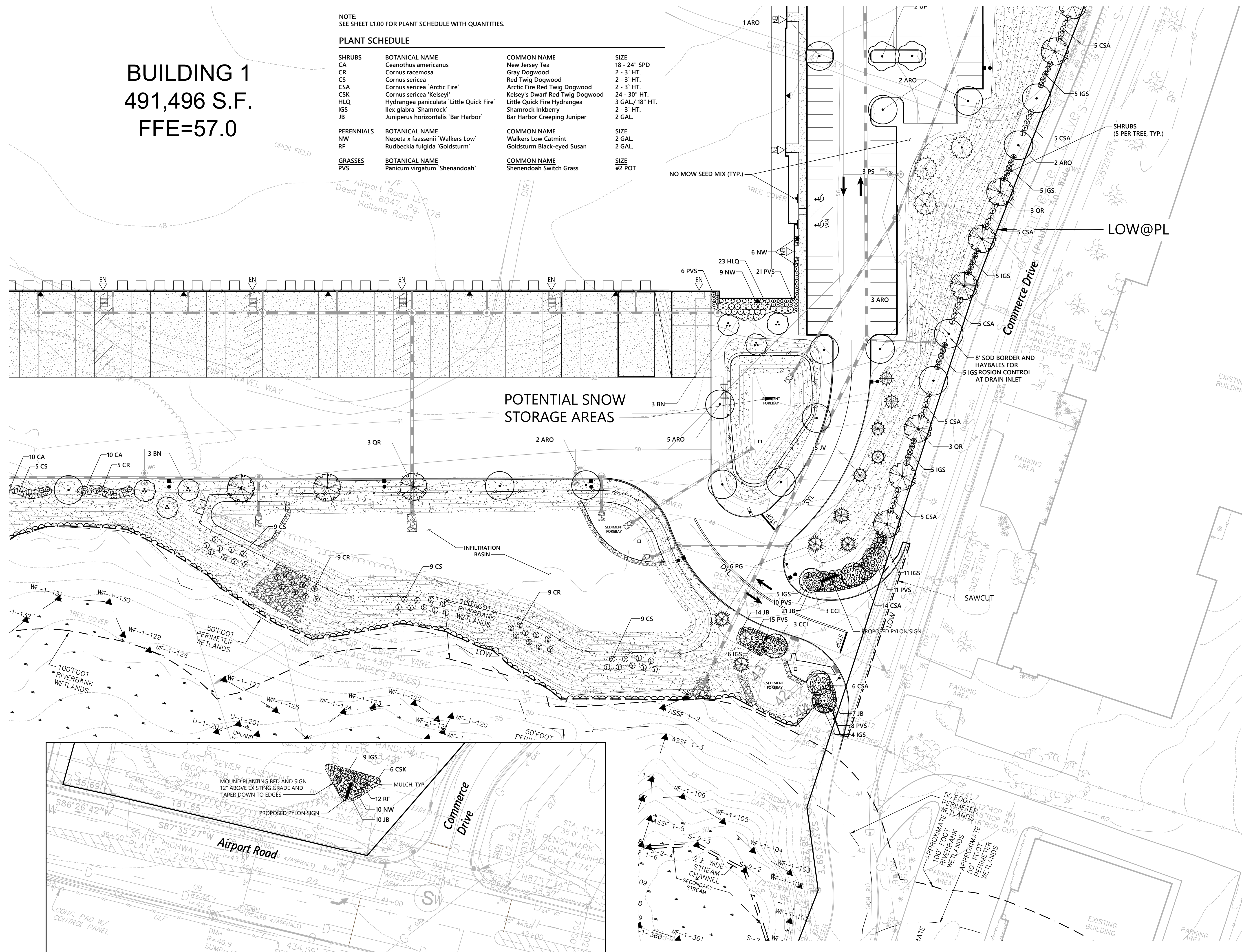
**Not Approved for Construction**  
Drawing Title: **Planting Plan 4**  
Drawing Number: **L1.04**



NOTE:  
SEE SHEET L1.00 FOR PLANT SCHEDULE WITH QUANTITIES.

PLANT SCHEDULE			
SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE
CA	Ceanothus americanus	New Jersey Tea	18 - 24" SPD
CR	Cornus racemosa	Gray Dogwood	2 - 3' HT.
CS	Cornus sericea	Red Twig Dogwood	2 - 3' HT.
CSA	Cornus sericea 'Arctic Fire'	Arctic Fire Red Twig Dogwood	2 - 3' HT.
CSK	Cornus sericea 'Kelsey'	Kelsey's Dwarf Red Twig Dogwood	24 - 30" HT.
HLQ	Hydrangea paniculata 'Little Quick Fire'	Little Quick Fire Hydrangea	3 GAL / 18" HT.
IGS	Ilex glabra 'Shamrock'	Shamrock Inkberry	2 - 3' HT.
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RF	Rudbeckia fulgida 'Goldsturm'	Goldsturm Black-eyed Susan	2 GAL.
GRASSES	BOTANICAL NAME	COMMON NAME	SIZE
PVS	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	#2 POT

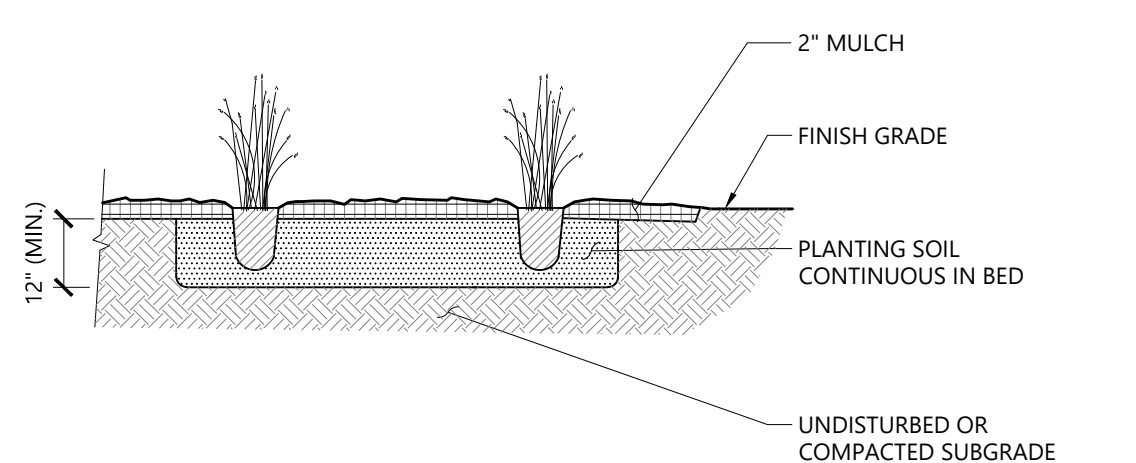
**BUILDING 1**  
**491,496 S.F.**  
**FFE=57.0**



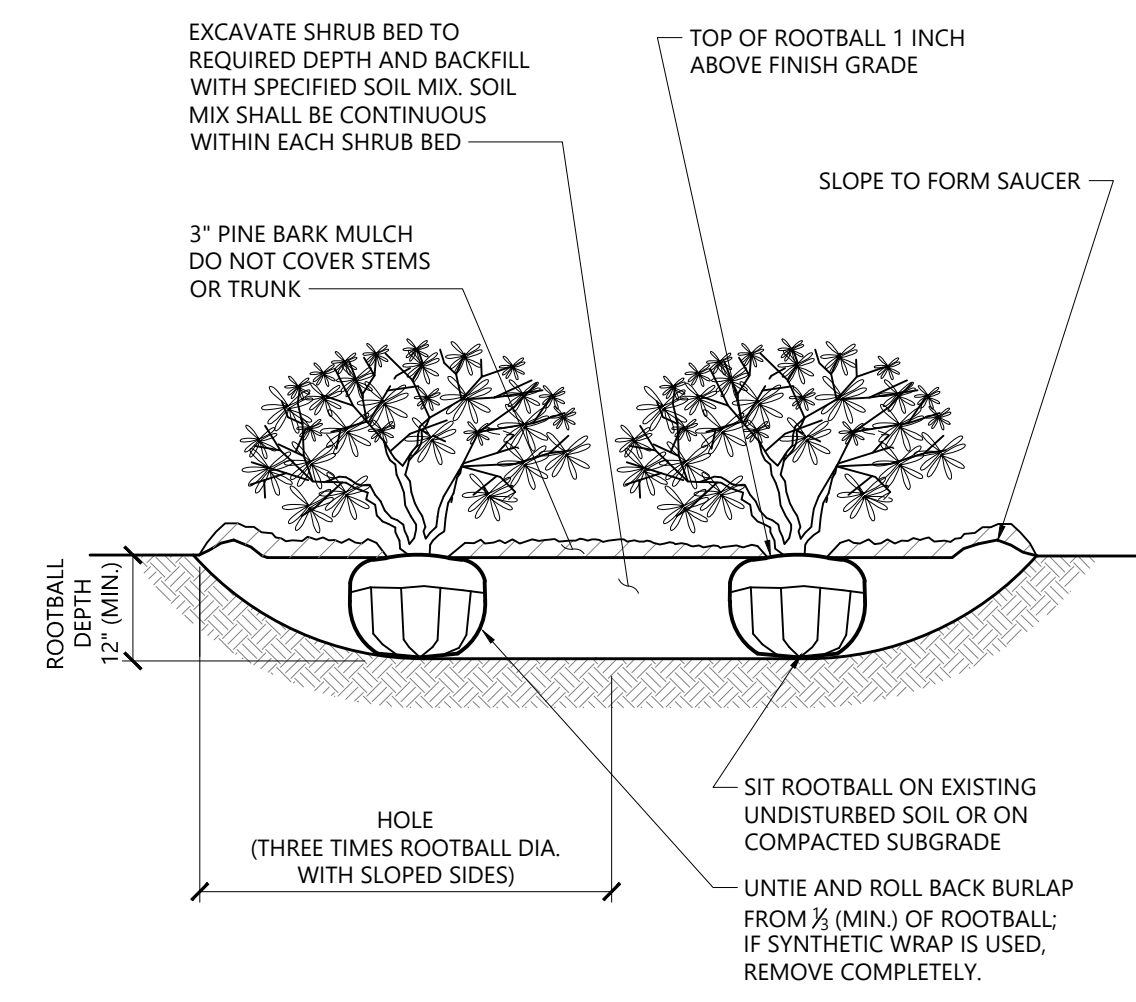
**Entrance Enlargement**

Saved Monday, September 20, 2021 12:23:33 PM. W:\HAGEN\Plotted Thursday, October 7, 2021 12:49:27 PM Win Hagen

PLANT SPACING	
PLANT SPACING("A")	ROW SPACING ("B")
6 IN. O.C.	5 IN. O.C.
8 IN. O.C.	7 IN. O.C.
10 IN. O.C.	8 1/2 IN. O.C.
12 IN. O.C.	10 1/2 IN. O.C.
15 IN. O.C.	13 IN. O.C.
18 IN. O.C.	16 IN. O.C.
24 IN. O.C.	21 IN. O.C.
30 IN. O.C.	26 IN. O.C.
36 IN. O.C.	30 IN. O.C.
48 IN. O.C.	42 IN. O.C.
54 IN. O.C.	48 IN. O.C.
60 IN. O.C.	54 IN. O.C.

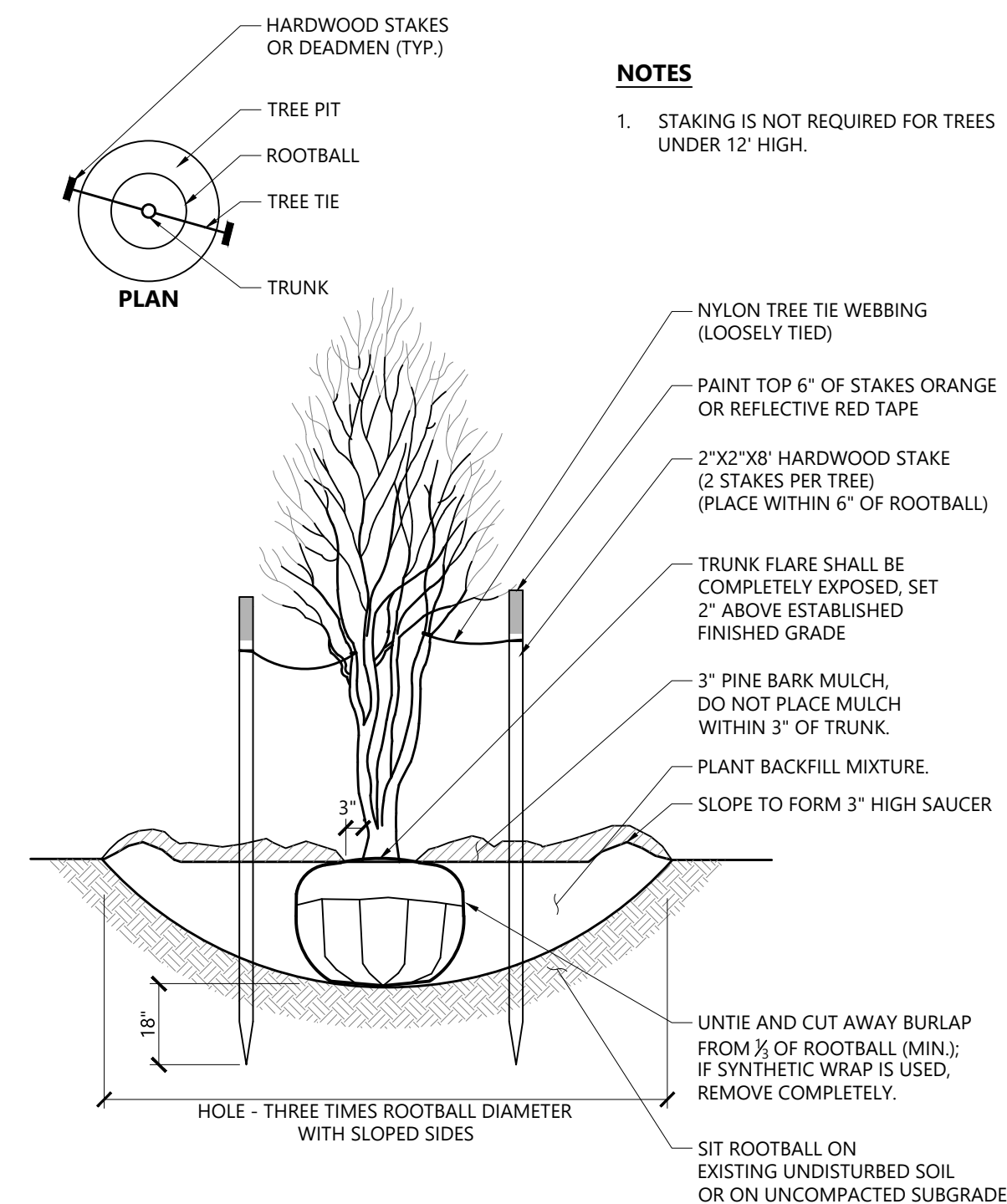


**Perennial and Ornamental Grass Planting** 1/16  
N.T.S. Source: VHB LD\_618



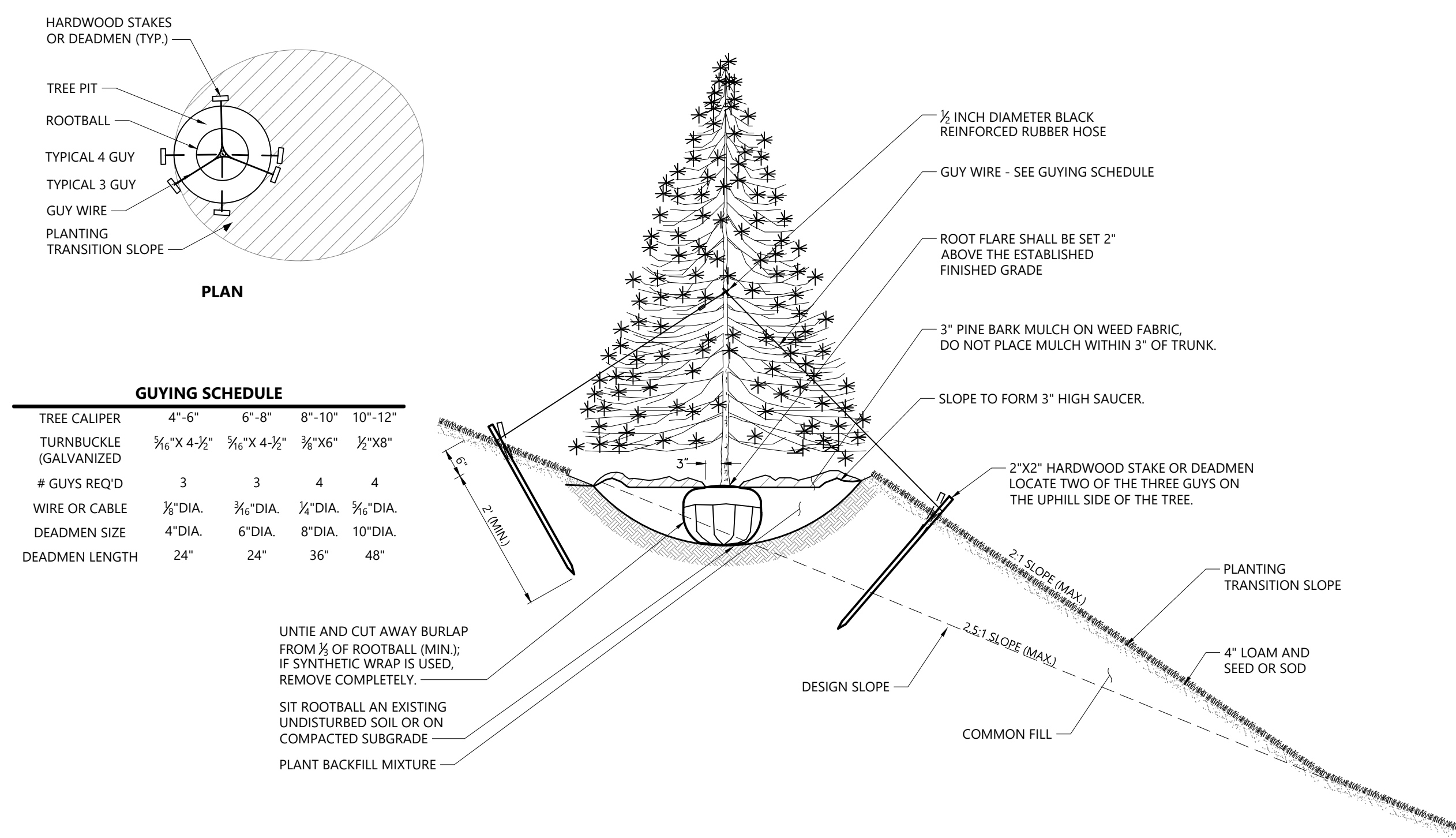
- NOTES**
1. LOOSEN ROOTS AT THE OUTER EDGE OF ROOTBALL OF CONTAINER GROWN SHRUBS.

**Shrub Bed Planting** 1/16  
N.T.S. Source: VHB LD\_601



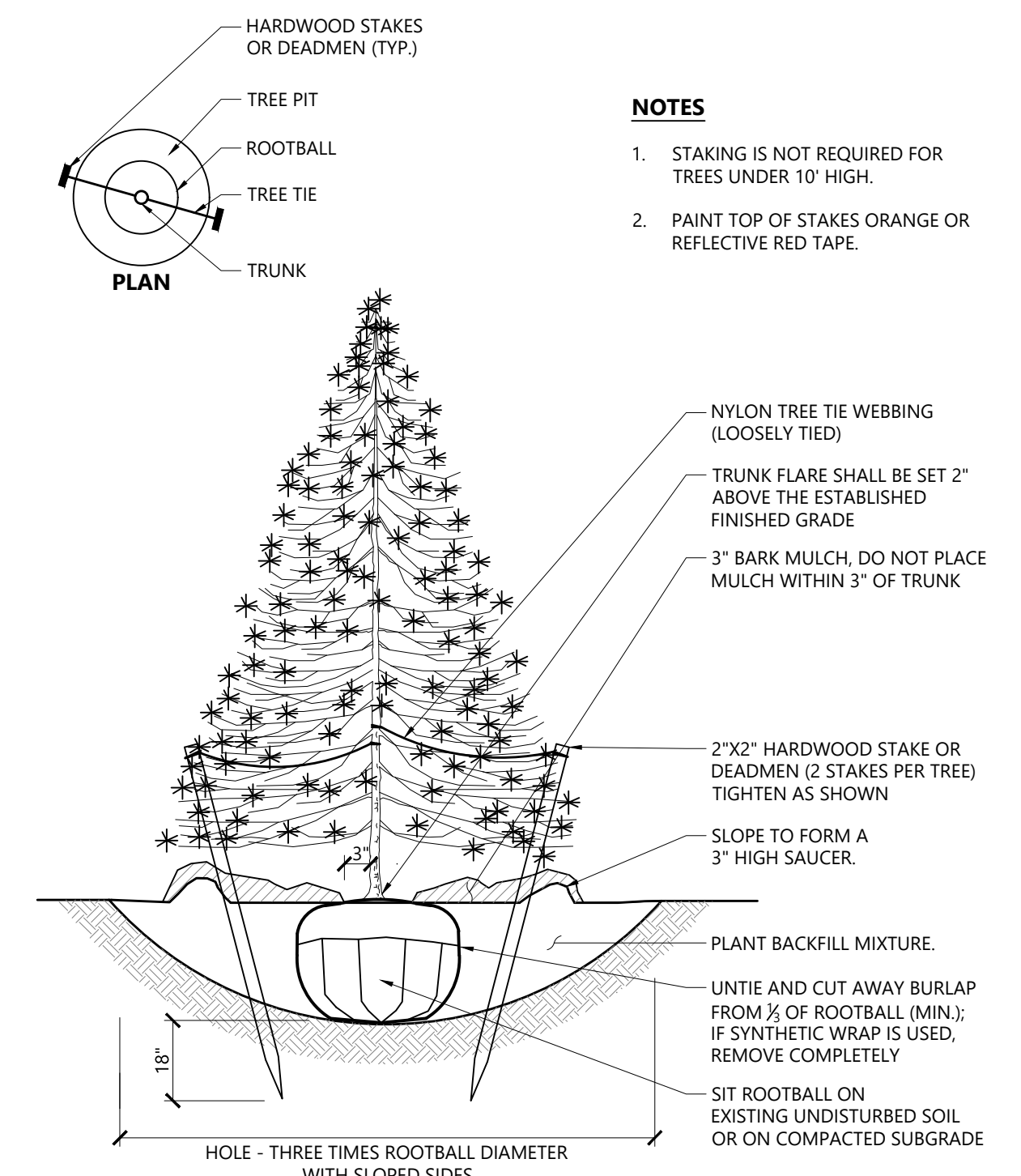
- NOTES**
1. STAKING IS NOT REQUIRED FOR TREES UNDER 12' HIGH.

**Multistem Tree Planting** 1/16  
N.T.S. Source: VHB LD\_606



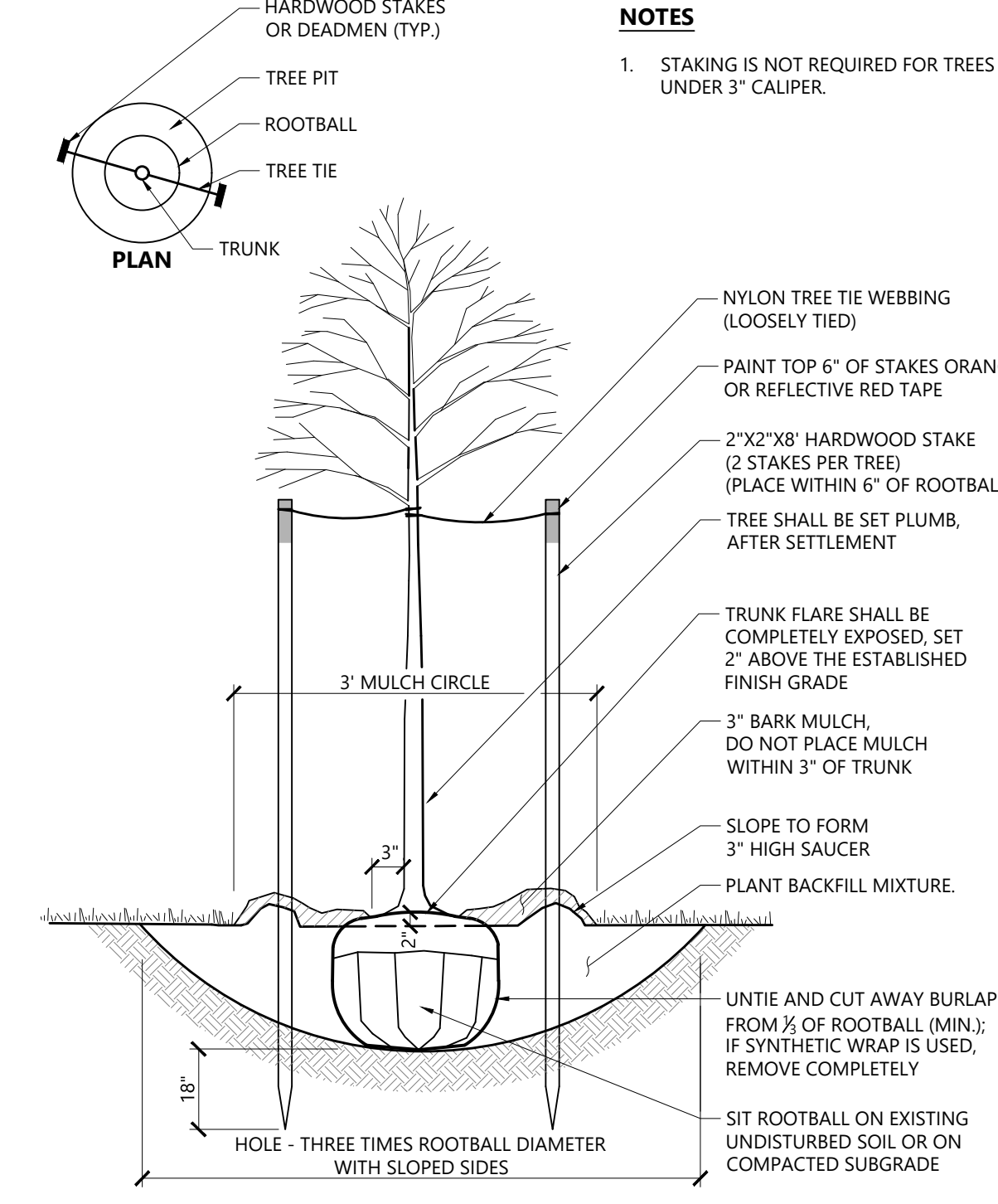
GUYING SCHEDULE					
TREE CALIPER	4"-6"	6"-8"	8"-10"	10"-12"	
TURNBUCKLE (GALVANIZED)	3/16" X 4-1/2"	3/16" X 4-1/2"	3/16" X 6"	1/2" X 8"	
# GUY'S REQ'D	3	3	4	4	
WIRE OR CABLE	3/16" DIA.	3/16" DIA.	1/4" DIA.	3/16" DIA.	
DEADMEN SIZE	4" DIA.	6" DIA.	8" DIA.	10" DIA.	
DEADMEN LENGTH	24"	24"	36"	48"	

**Tree Planting on Slope** 1/16  
N.T.S. Source: VHB LD\_6055



- NOTES**
1. STAKING IS NOT REQUIRED FOR TREES UNDER 10' HIGH.
  2. PAINT TOP OF STAKES ORANGE OR REFLECTIVE RED TAPE.

**Evergreen Tree Planting** 1/16  
N.T.S. Source: VHB LD\_604



- NOTES**
1. STAKING IS NOT REQUIRED FOR TREES UNDER 3" CALIPER.

**Tree Planting (For Trees Under 4" Caliper)** 9/18  
N.T.S. Source: VHB LD\_602

**Proposed Warehouse/Distribution Development**

Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	App'd
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY / FINAL PERMITS	10/8/2021	

Designed by: AEC  
Checked by: RLC  
Issued for: Permits  
Date: June 1, 2021

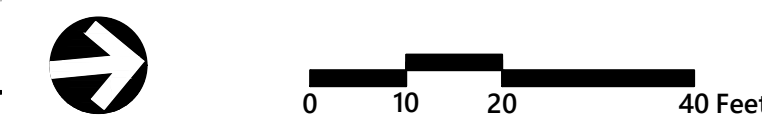
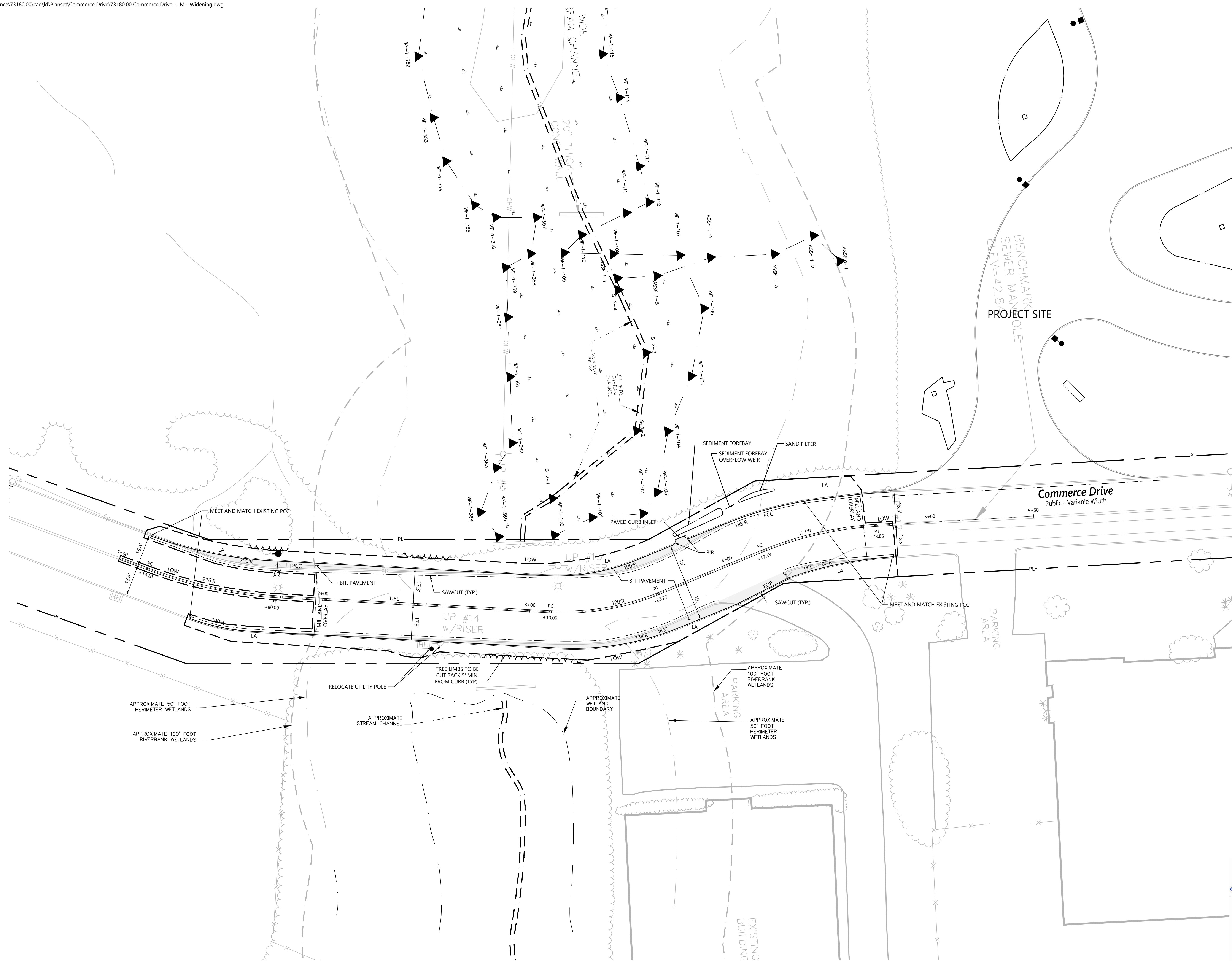
Not Approved for Construction  
Drawing Title: **Planting Details**  
Drawing Number: L2.00



Sheet 6 of 6  
Project Number: 73180.00



1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100



**Proposed Warehouse/Distribution Development**  
Hallene Road  
Warwick, Rhode Island

No.	Revision	Date	Appr.
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

Designed by: **EOB** Checked by: **RLC**  
Issued for: **Permits** Date: **June 1, 2021**

Not Approved for Construction  
**Commerce Drive**  
Layout and Materials Plan

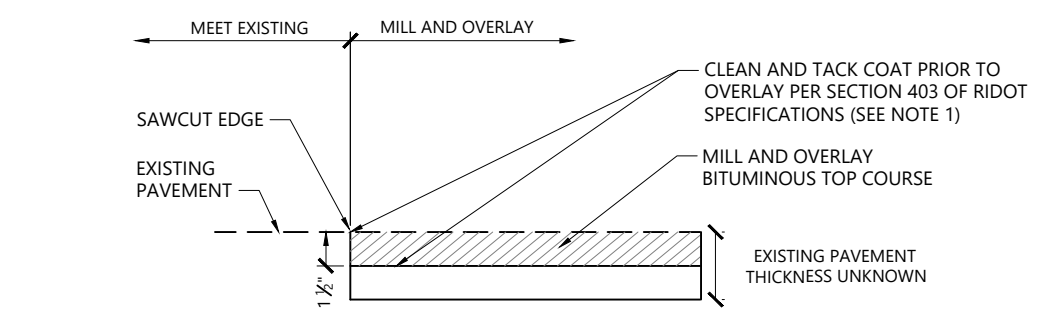
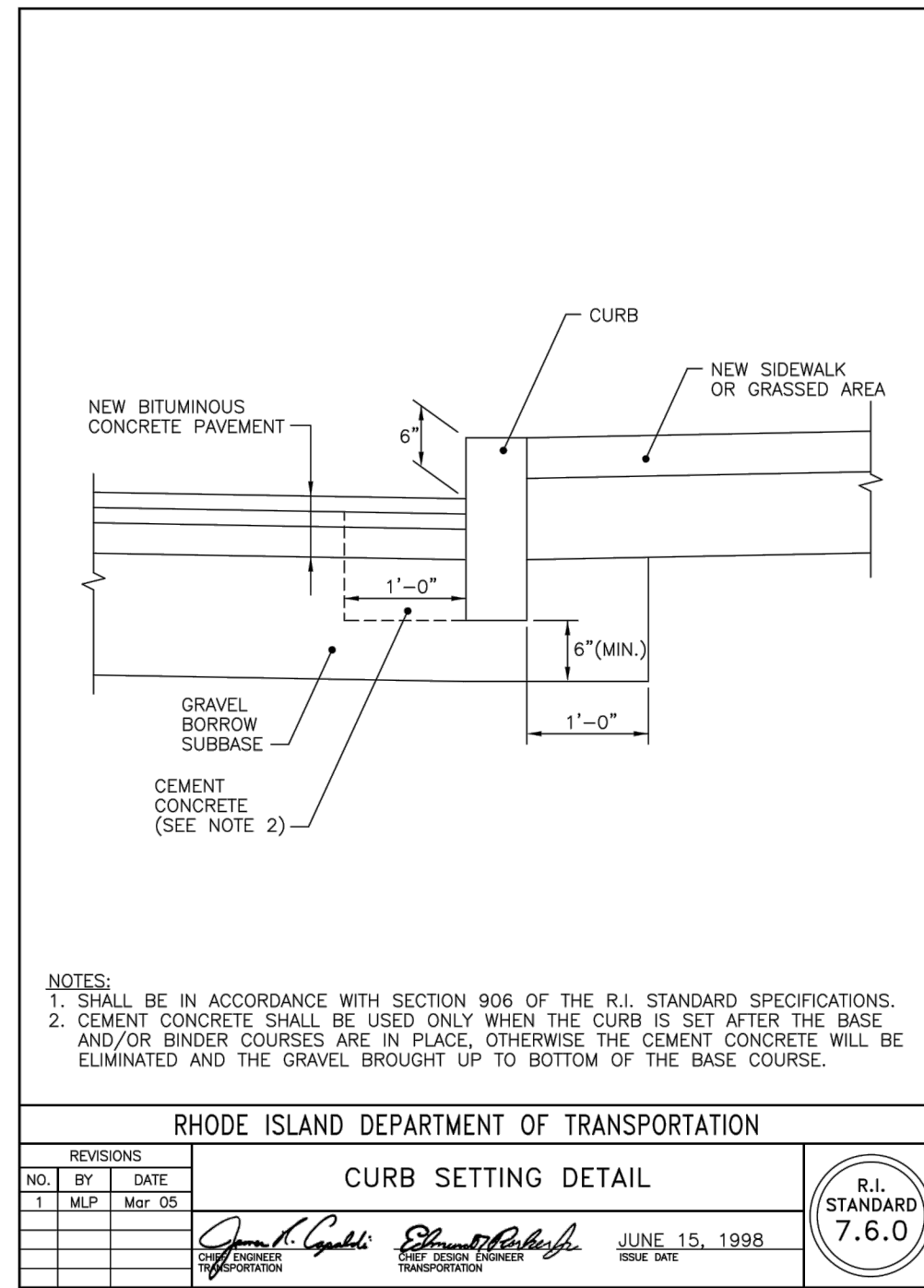
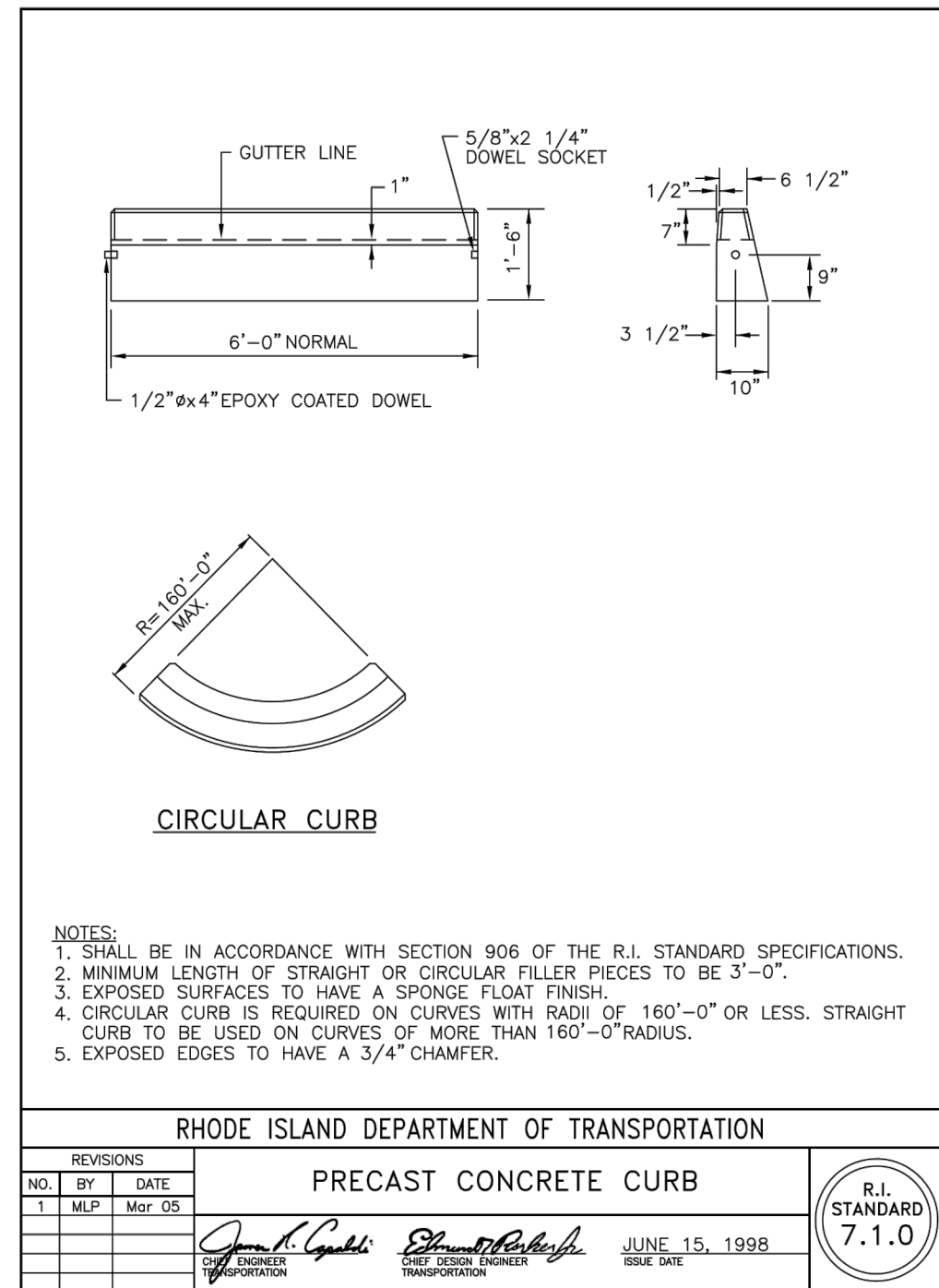
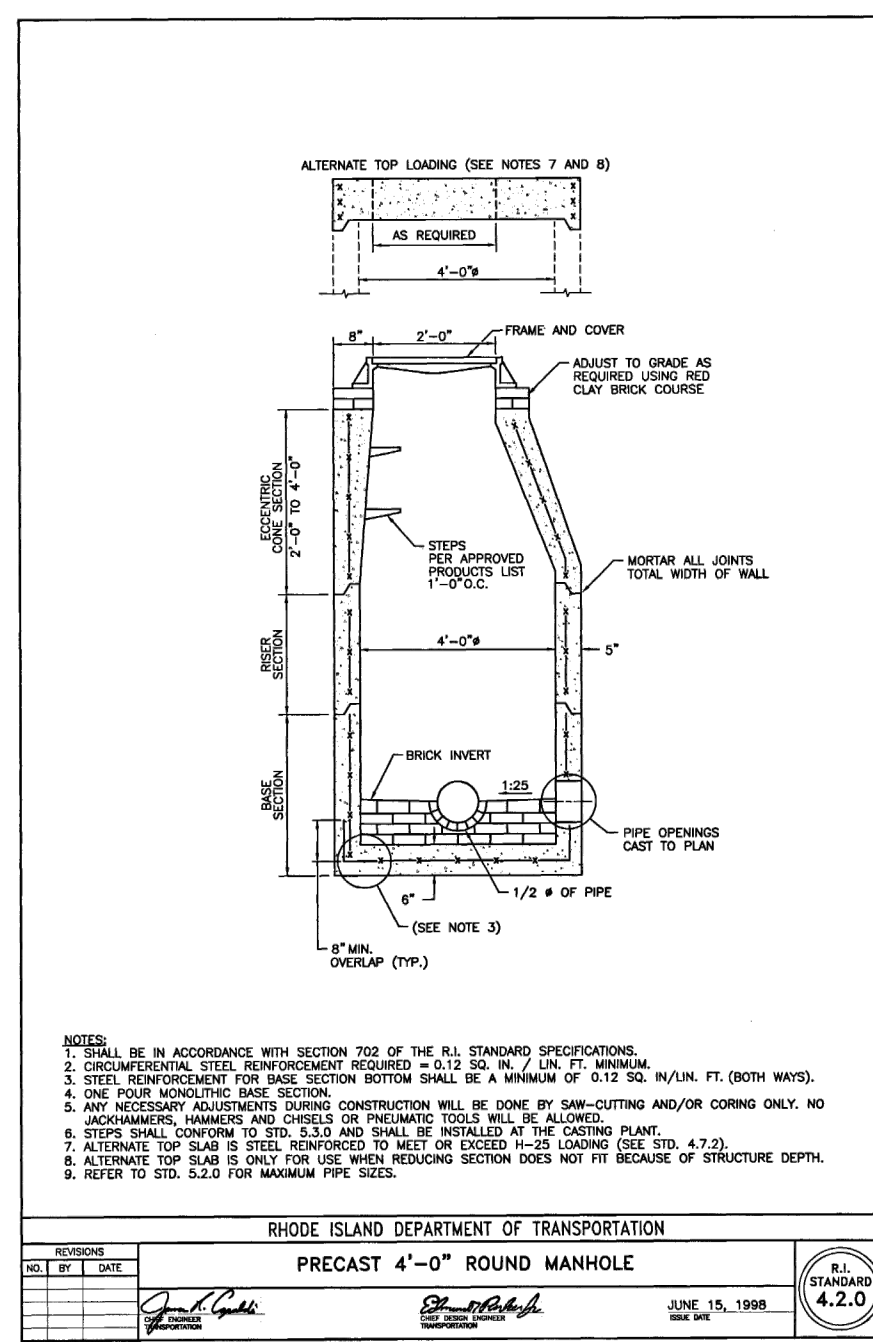
10/8/2021  
**PRENEE L. CODEGA**  
No. **6517**  
REGISTERED PROFESSIONAL ENGINEER

Drawing Number  
**C6.01**  
Sheet **1** of **3**  
Project Number  
**73180.00**

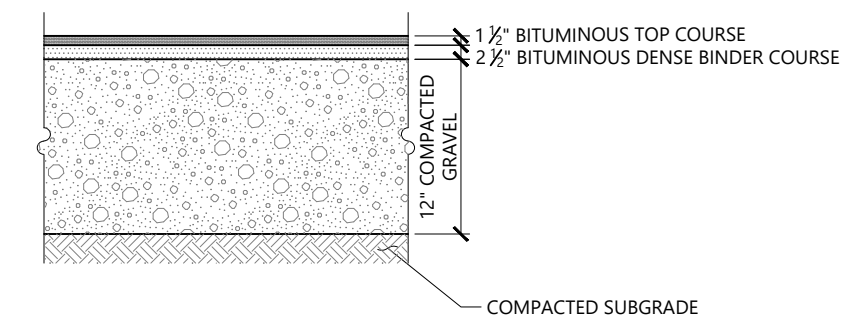




1 Cedar Street  
Suite 400  
Providence, RI 02903  
401.272.8100

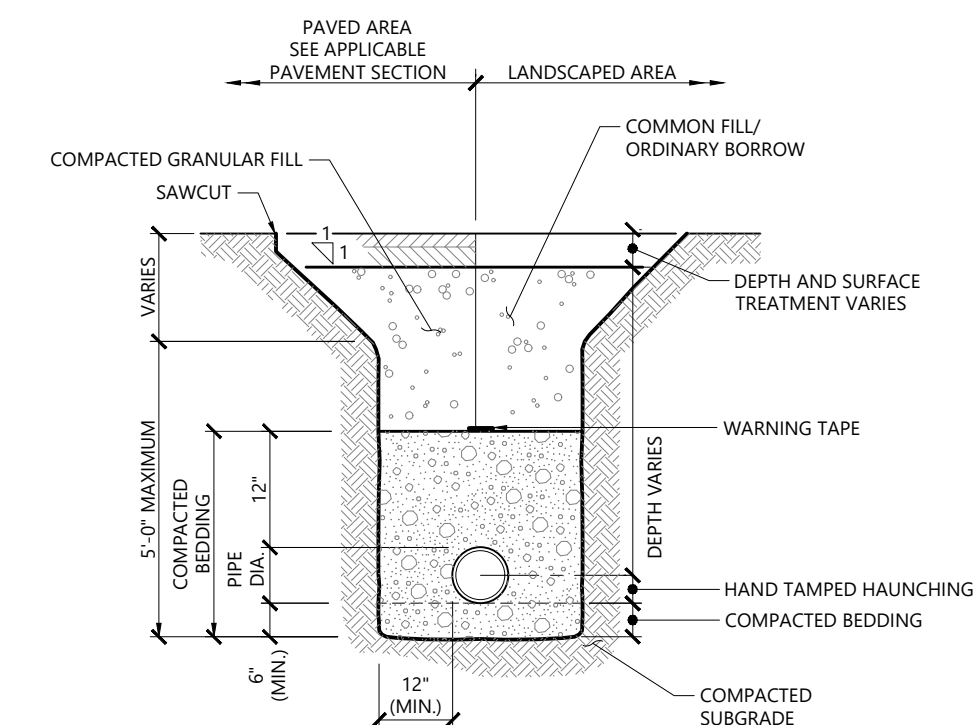


**Mill and Overlay Section** 1/16  
 N.T.S. Source: VHB LD\_435



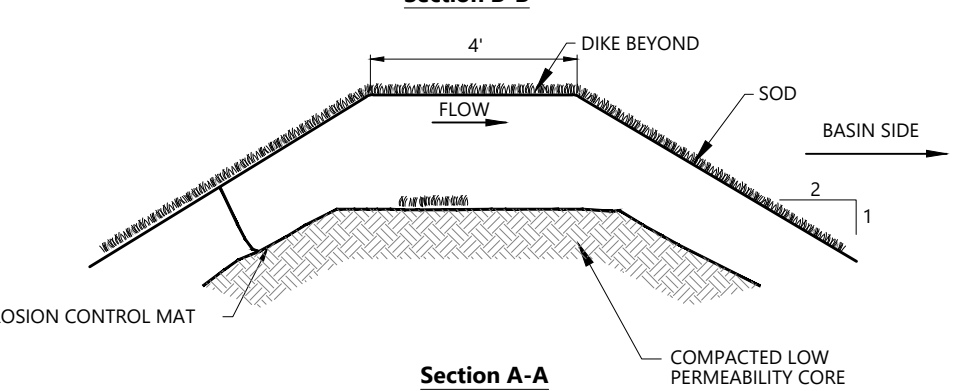
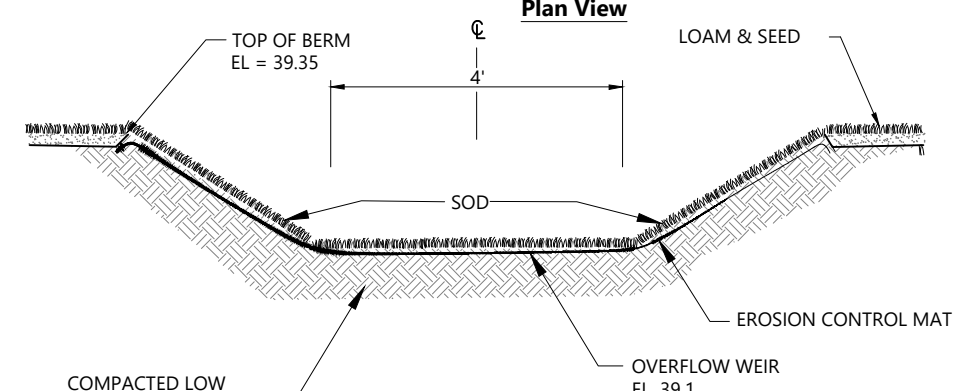
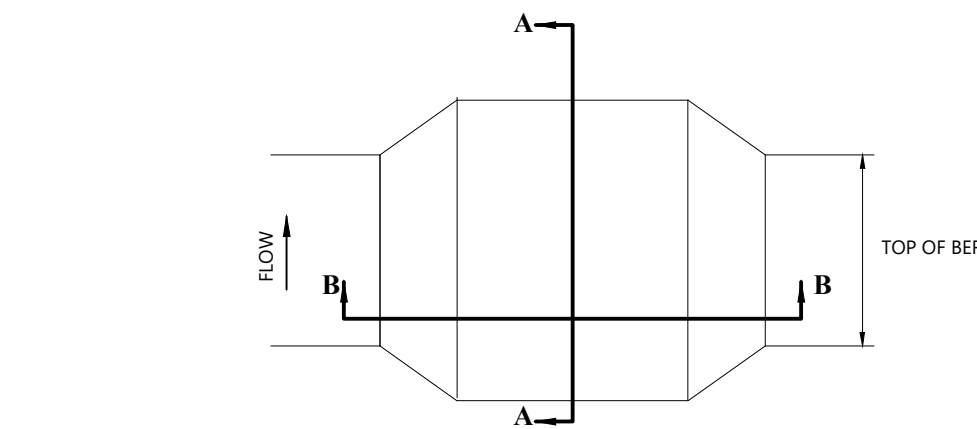
**HEAVY DUTY FLEXIBLE PAVEMENT**  
 NOTES:  
 1. PAVEMENT SECTIONS ARE SUBJECT TO CHANGE AND WILL BE BASED ON THE RESULTS OF FURTHER GEOTECHNICAL INVESTIGATIONS.  
 2. SHALL BE IN ACCORDANCE WITH THE CURRENT VERSION OF THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.  
 3. CONTRACTOR SHALL COMPACT SUBGRADE TO RIDOT STANDARDS AND PROVIDE ADDITIONAL SAND-GRAVEL FILL AS NEEDED.

**Bituminous Concrete Pavement Sections** 1/16  
 N.T.S. Source: VHB REV LD\_430

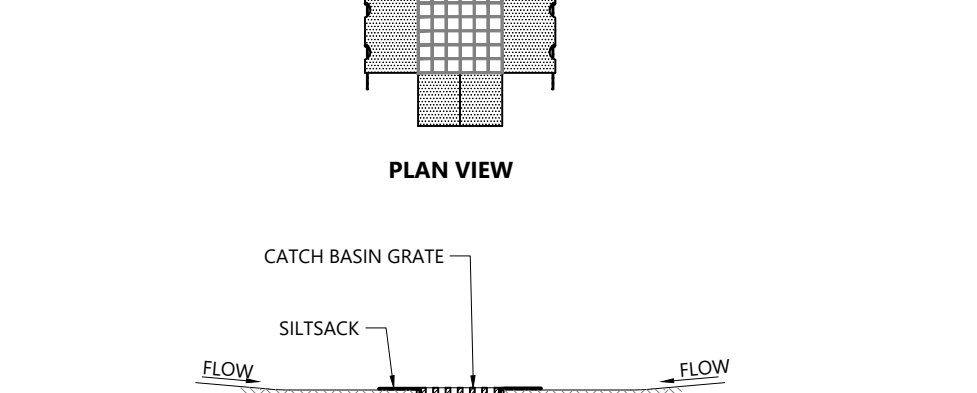
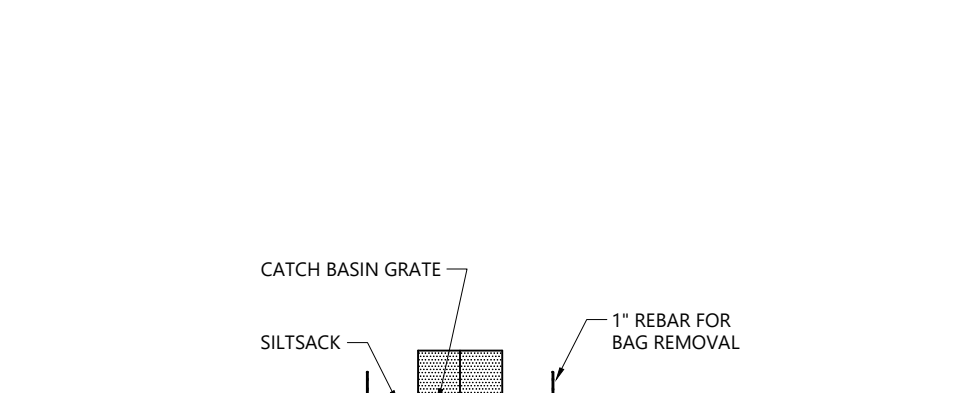


**UTILITY TRENCH**  
 NOTES:  
 1. WHERE UTILITY TRENCHES ARE CONSTRUCTED THROUGH DETENTION BASIN BERMS OR OTHER SUCH SPECIAL SECTIONS, PLACE TRENCH BACKFILL WITH MATERIALS SIMILAR TO THE SPECIAL SECTION REQUIREMENTS.  
 2. USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.

**Utility Trench** 1/16  
 N.T.S. Source: VHB LD\_300

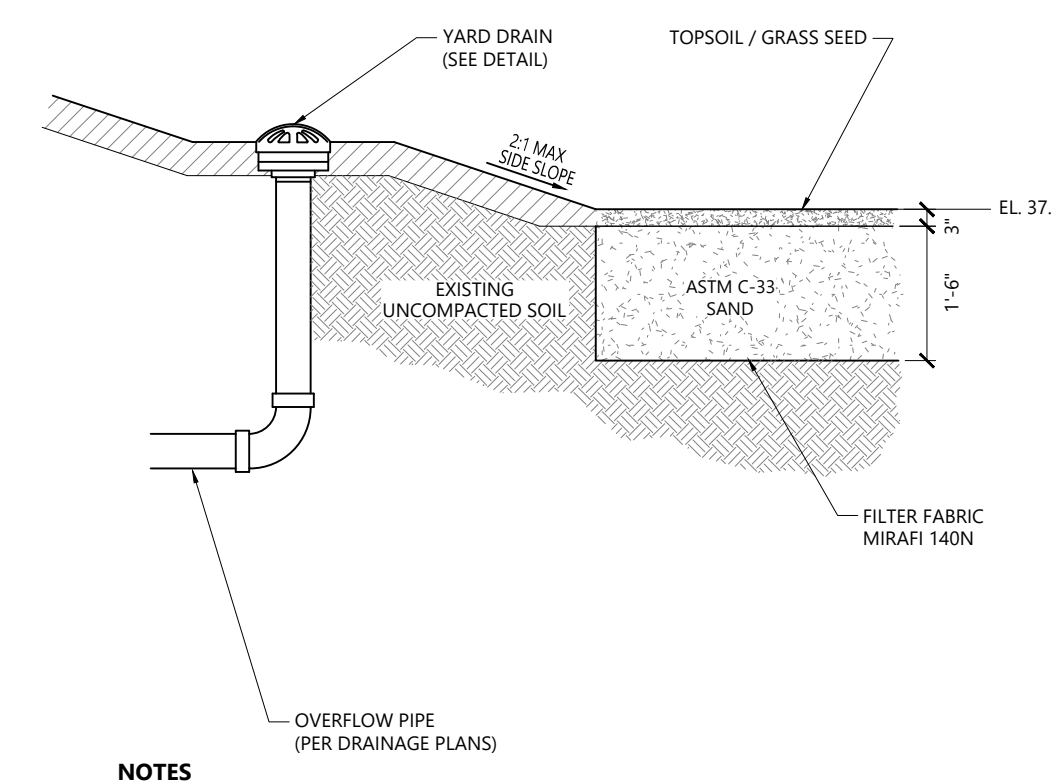


**Sediment Forebay Overflow Weir** 1/16  
 N.T.S. Source: VHB LD\_161



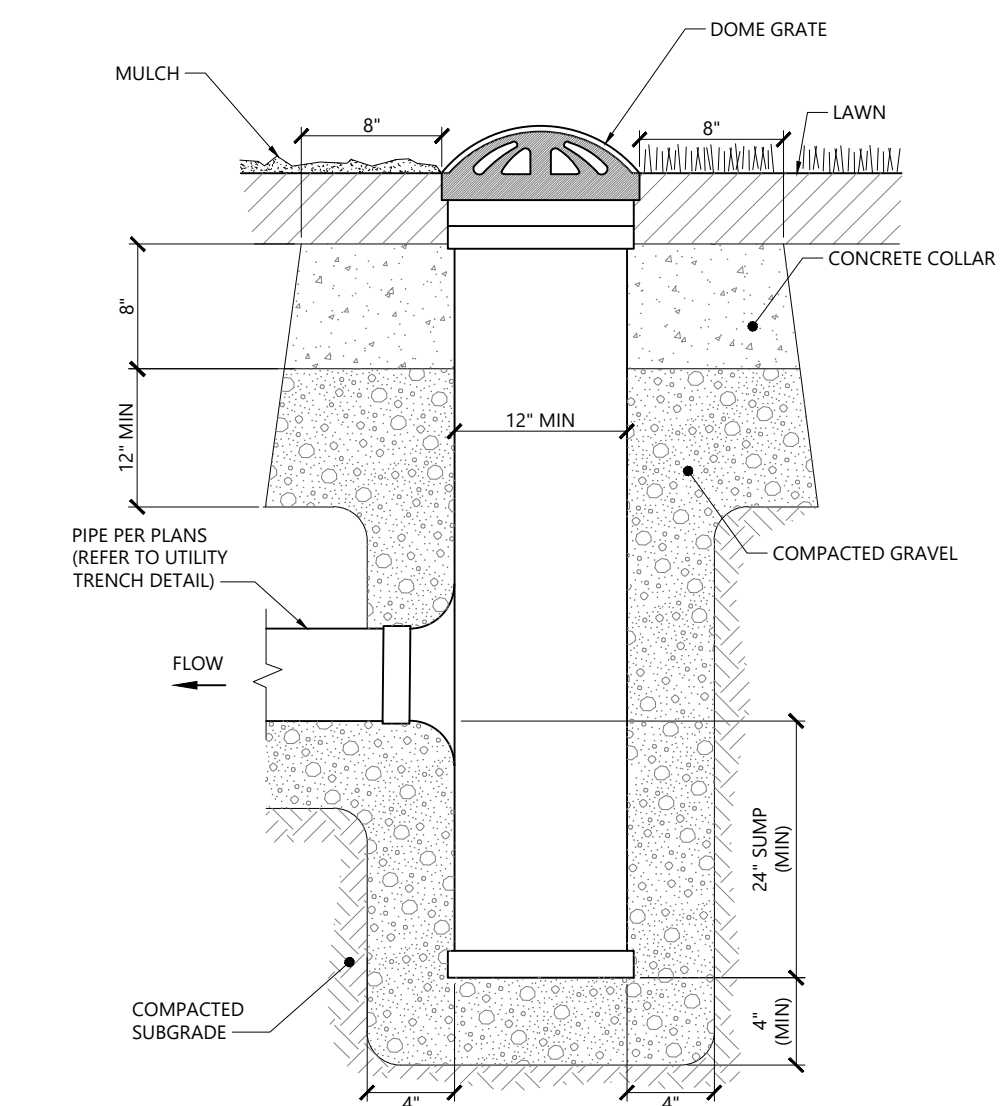
**Siltsock Sediment Trap**  
 NOTES:  
 1. INSTALL SILT SOCK IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER BINDER COURSE IS PLACED AND HAY BALES HAVE BEEN REMOVED.  
 2. GRATE TO BE PLACED OVER SILT SOCK.  
 3. SILT SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED.

**Siltsock Sediment Trap** 1/16  
 N.T.S. Source: VHB LD\_674



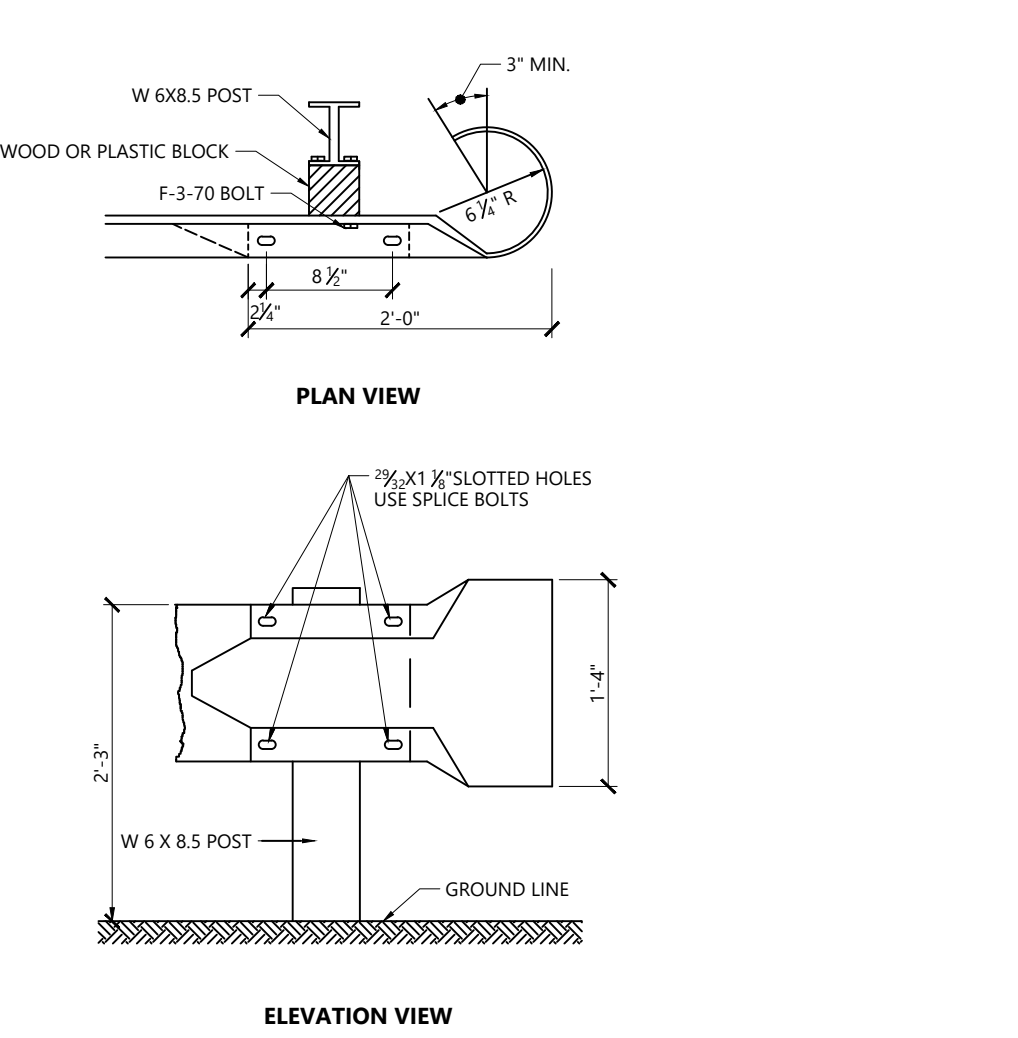
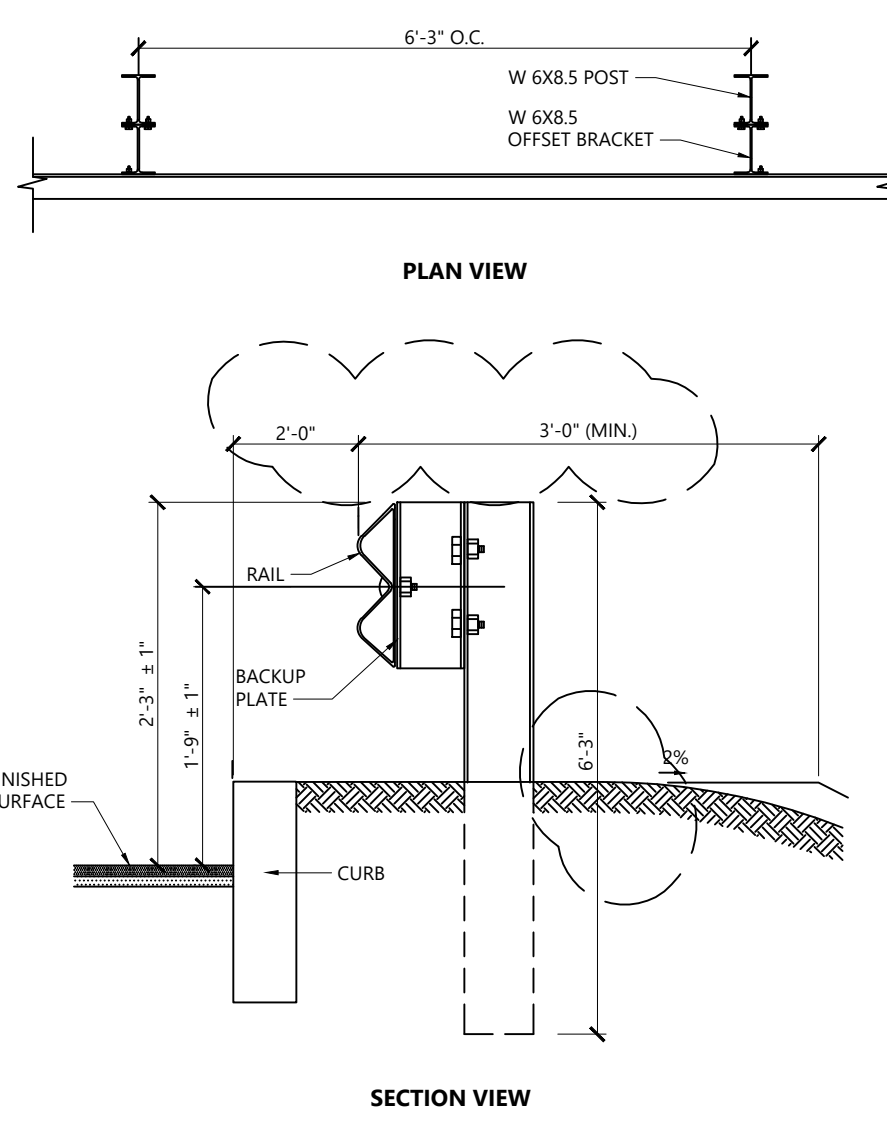
**Sand Filter**  
 NOTES:  
 1. INSTALL UNDERDRAINS PER PLAN.

**Sand Filter** 1/16  
 N.T.S. Source: VHB REV LD\_352

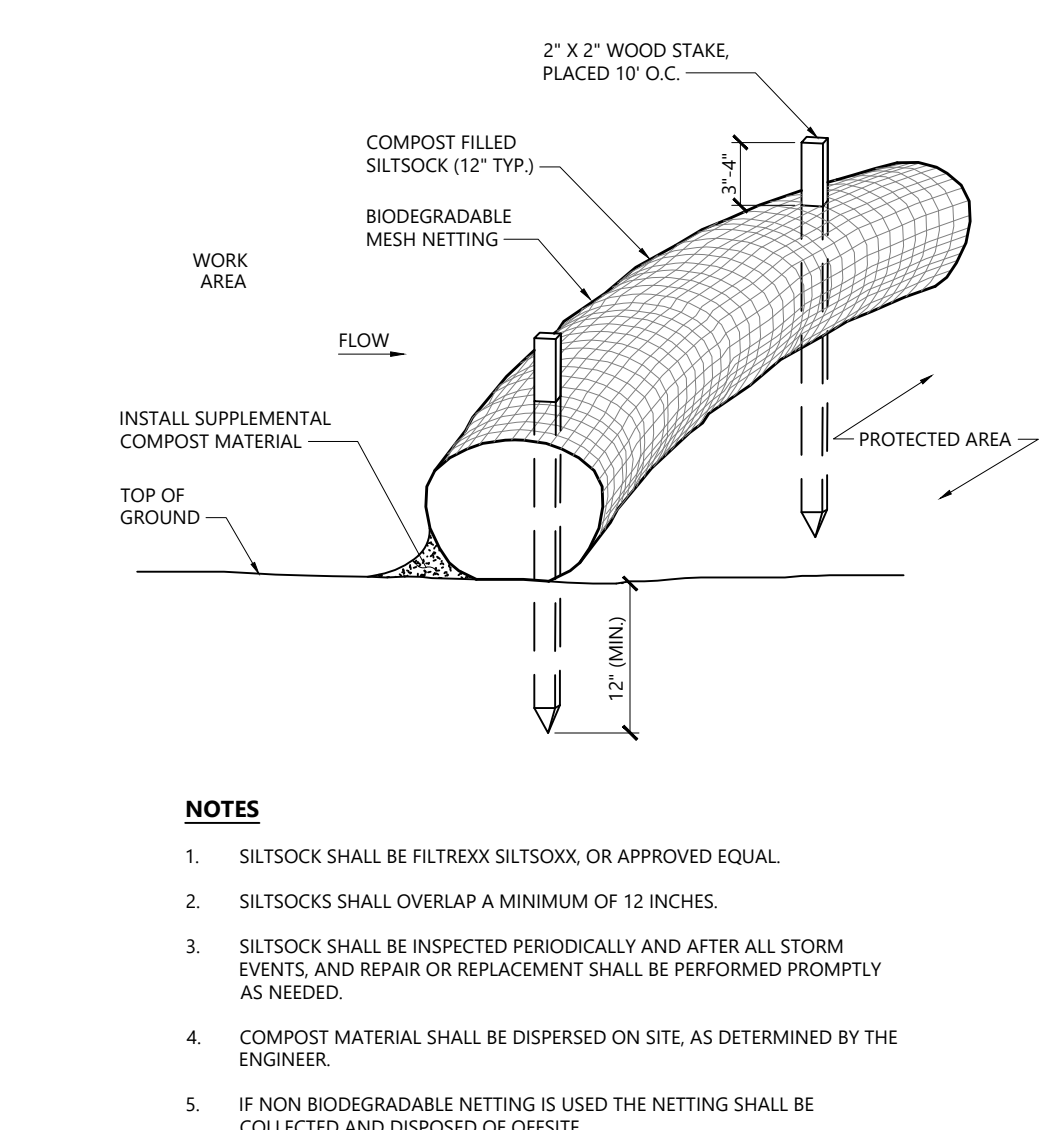


**Yard Drain (YD)**  
 NOTES:  
 1. LANDSCAPE DRAINS SHALL BE NYLOPLAST 12" DRAIN BASIN, OR APPROVED EQUAL.  
 2. GRATES SHALL BE NYLOPLAST, 12" DOME GRATE MODEL 1299CGD, OR APPROVED EQUAL AS SHOWN ON PLANS.

**Yard Drain (YD)** 9/17  
 N.T.S. Source: VHB LD\_197



**Terminal End Section** 1/16  
 N.T.S. Source: VHB LD\_457



**Siltsock - Erosion Control Barrier**  
 NOTES:  
 1. SILT SOCK SHALL BE FILTREXX SILT SOCK, OR APPROVED EQUAL.  
 2. SILT SOCKS SHALL OVERLAP A MINIMUM OF 12 INCHES.  
 3. SILT SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.  
 4. COMPOST MATERIAL SHALL BE DISPERSED ON SITE AS DETERMINED BY THE ENGINEER.  
 5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OFF SITE.

**Siltsock - Erosion Control Barrier** 1/16  
 N.T.S. Source: VHB LD\_658

## Proposed Warehouse/Distribution Development

Hallene Road  
Warwick, Rhode Island

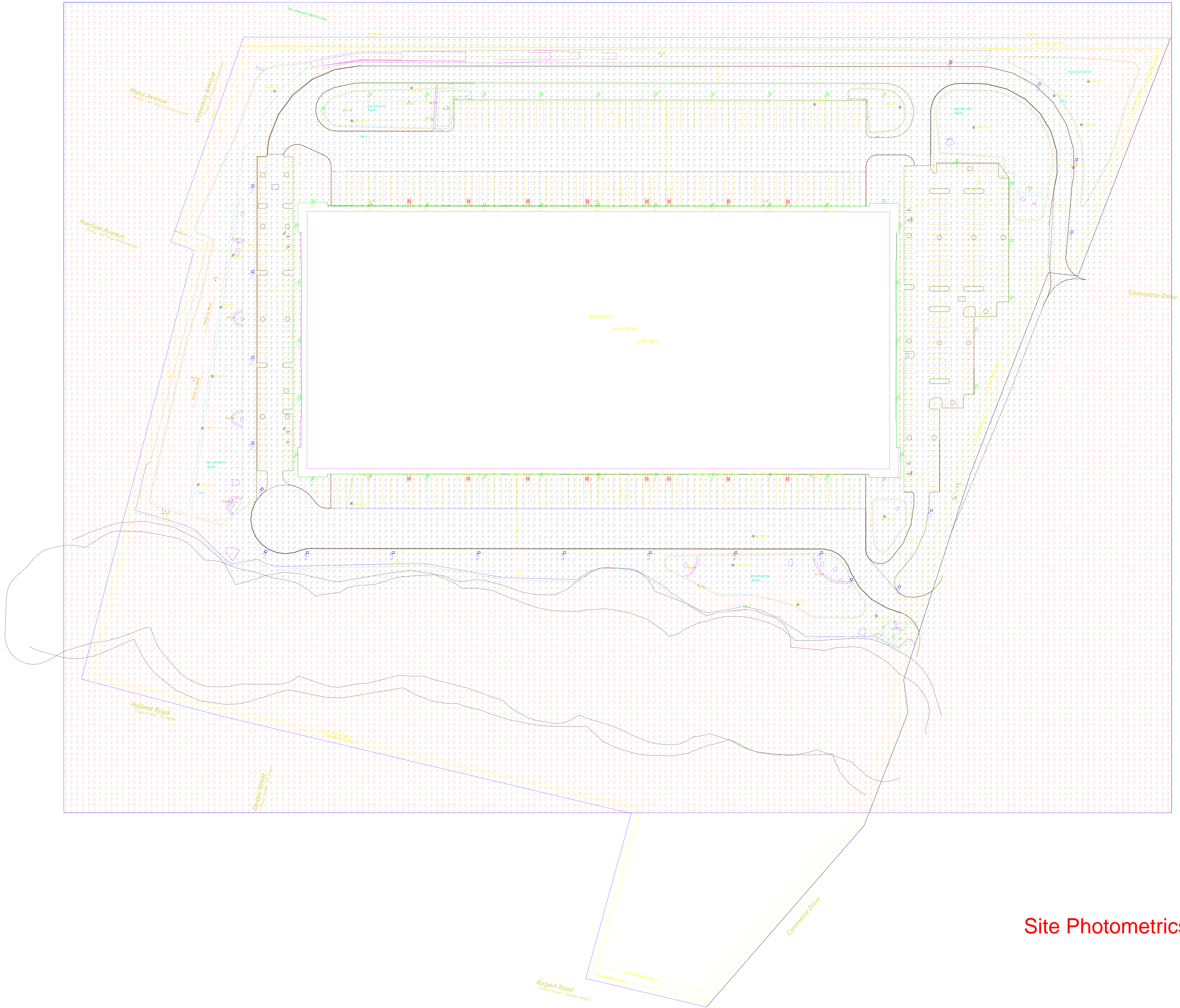
No.	Revision	Date	Appr.
1	RIDEM RESUBMISSION	9/14/2021	
2	PRELIMINARY/FINAL PERMITS	10/06/2021	

Designed by: EOB  
 Checked by: RLC  
 Issued for: Permits  
 Date: June 1, 2021

Not Approved for Construction

Commerce Drive  
 Details

Drawing Number: C6.03  
 Sheet: 3 of 3  
 Project Number: 73180.00  
 Registered Professional Engineer: P. CODEGA  
 No. 6517  
 Date: 10/18/2021



Site Photometrics Plan

**CERTIFICATION:**

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

TYPE OF BOUNDARY SURVEY	MEASUREMENT SPECIFICATION
COMPREHENSIVE BOUNDARY SURVEY	CLASS I
DATA ACCUMULATION	CLASS III
TOPOGRAPHIC SURVEY (FIELD AREA)	T-1
TOPOGRAPHIC SURVEY (TREED AREA)	T-3

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: TO PROVIDE AN ALTA/NSPS SURVEY OF LOT 191 ON ASSESSOR'S 311 IN THE CITY OF WARWICK, RHODE ISLAND.

BY: Samuel A. White, Jr.  
SAMUEL A. WHITE LICENSE NO. 1781  
LS A59-COA

**CERTIFICATION:**

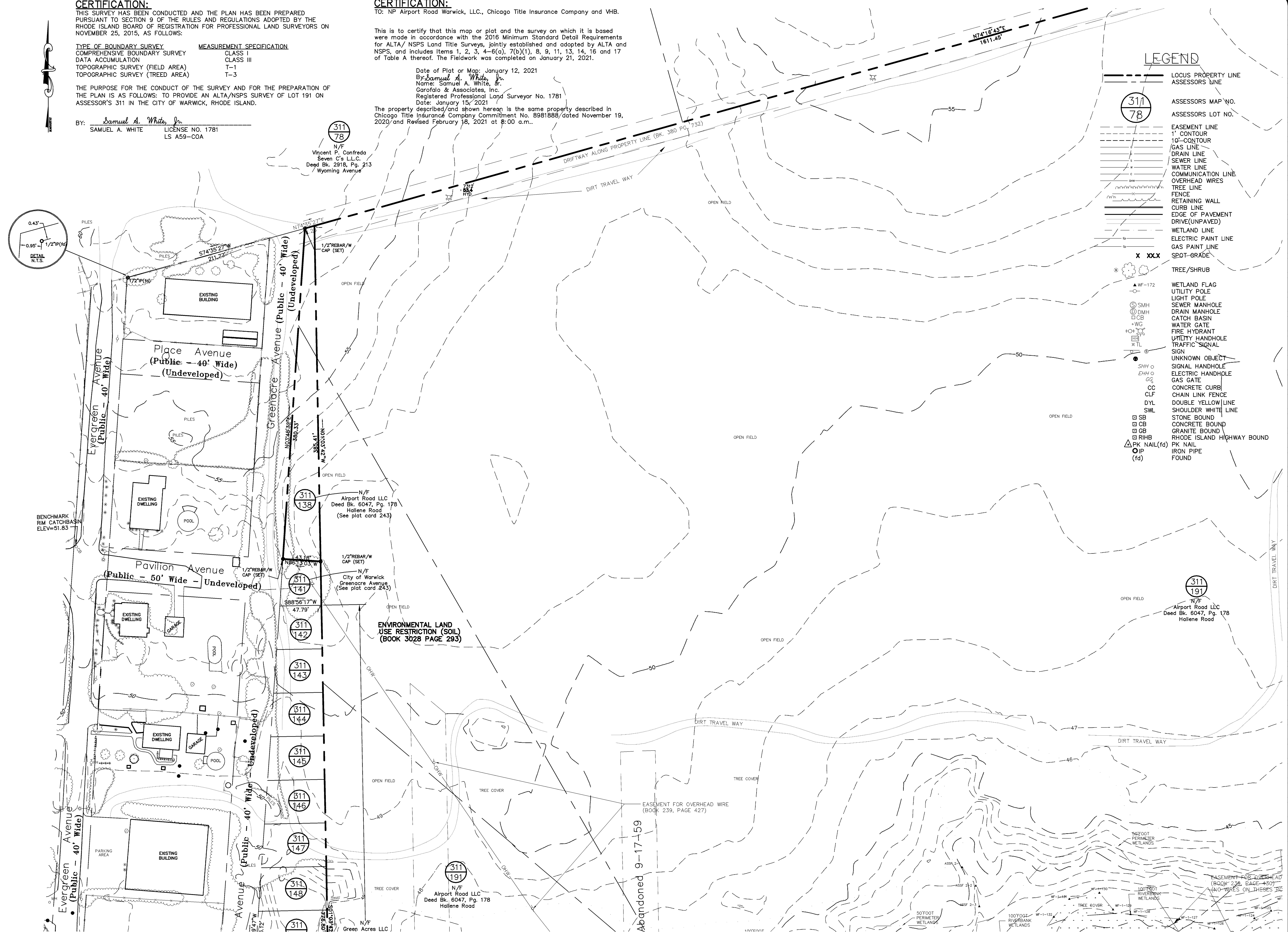
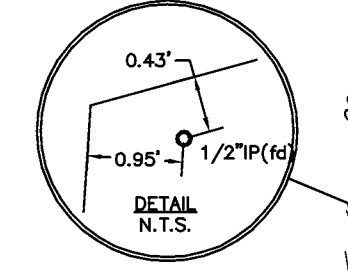
TO: NP Airport Road Warwick, LLC., Chicago Title Insurance Company and VHB.

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4-6(c), 7(b)(1), 8, 9, 11, 13, 14, 16 and 17 of Table A thereof. The Fieldwork was completed on January 21, 2021.

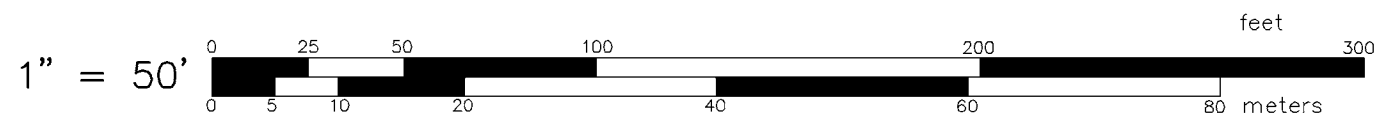
Date of Plat or Map: January 12, 2021  
By: Samuel A. White, Jr.  
Name: Samuel A. White, Jr.  
Garofalo & Associates, Inc.  
Registered Professional Land Surveyor No. 1781  
Date: January 15, 2021  
The property described and shown hereon is the same property described in Chicago Title Insurance Company Commitment No. 8981888/dated November 19, 2020 and Revised February 18, 2021 at 8:00 a.m.

**LEGEND**

- LOCUS PROPERTY LINE
- ASSESSORS LOT NO.
- ASSESSORS MAP NO.
- EASEMENT LINE
- 1" CONTOUR
- 10'-CONTOUR
- GAS LINE
- DRAIN LINE
- SEWER LINE
- WATER LINE
- COMMUNICATION LINE
- OVERHEAD WIRES
- TREE LINE
- FENCE
- RETAINING WALL
- CURB LINE
- EDGE OF PAVEMENT
- DRIVE (UNPAVED)
- WETLAND LINE
- ELECTRIC PAINT LINE
- GAS PAINT LINE
- SPOT-GRADE
- TREE/SHRUB
- WETLAND FLAG
- UTILITY POLE
- LIGHT POLE
- SEWER MANHOLE
- DRAIN MANHOLE
- CATCH BASIN
- WATER GATE
- FIRE HYDRANT
- UTILITY HANDHOLE
- TRAFFIC SIGNAL
- SIGN
- UNKNOWN OBJECT
- SIGNAL HANDHOLE
- ELECTRIC HANDHOLE
- GAS GATE
- CONCRETE CURB
- CHAIN LINK FENCE
- DOUBLE YELLOW LINE
- SHOULDER WHITE LINE
- STONE BOUND
- CONCRETE BOUND
- GRANITE BOUND
- RHODE ISLAND HIGHWAY BOUND
- PK NAIL (fd)
- IRON PIPE
- FOUND



SEE SHEET 6 OF 6 FOR NOTES, REFERENCES, EXCEPTIONS TO TITLE, AND DEED DESCRIPTION. SEE SHEET 2 FOR LOCUS AND WARWICK CERTIFICATIONS



ALTA/NSPS LAND TITLE SURVEY  
FOR  
GREEN ACRES LLC & AIRPORT ROAD LLC  
AP 311 LOTS 138 & 191  
SITUATED ON  
AIRPORT ROAD  
WARWICK, RHODE ISLAND  
PREPARED FOR  
V.H.B.

NO.	REVISION	BY	DATE
1.	TITLE REVIEW COMMENTS	SAW	1/2021
2.	TITLE REVIEW COMMENTS	SAW	1/2021
3.	WETLANDS BUFFER		
	AND PROP COR.	SAW	2/2021
4.	COMMERCE DRIVE INFO	SAW	4/2021

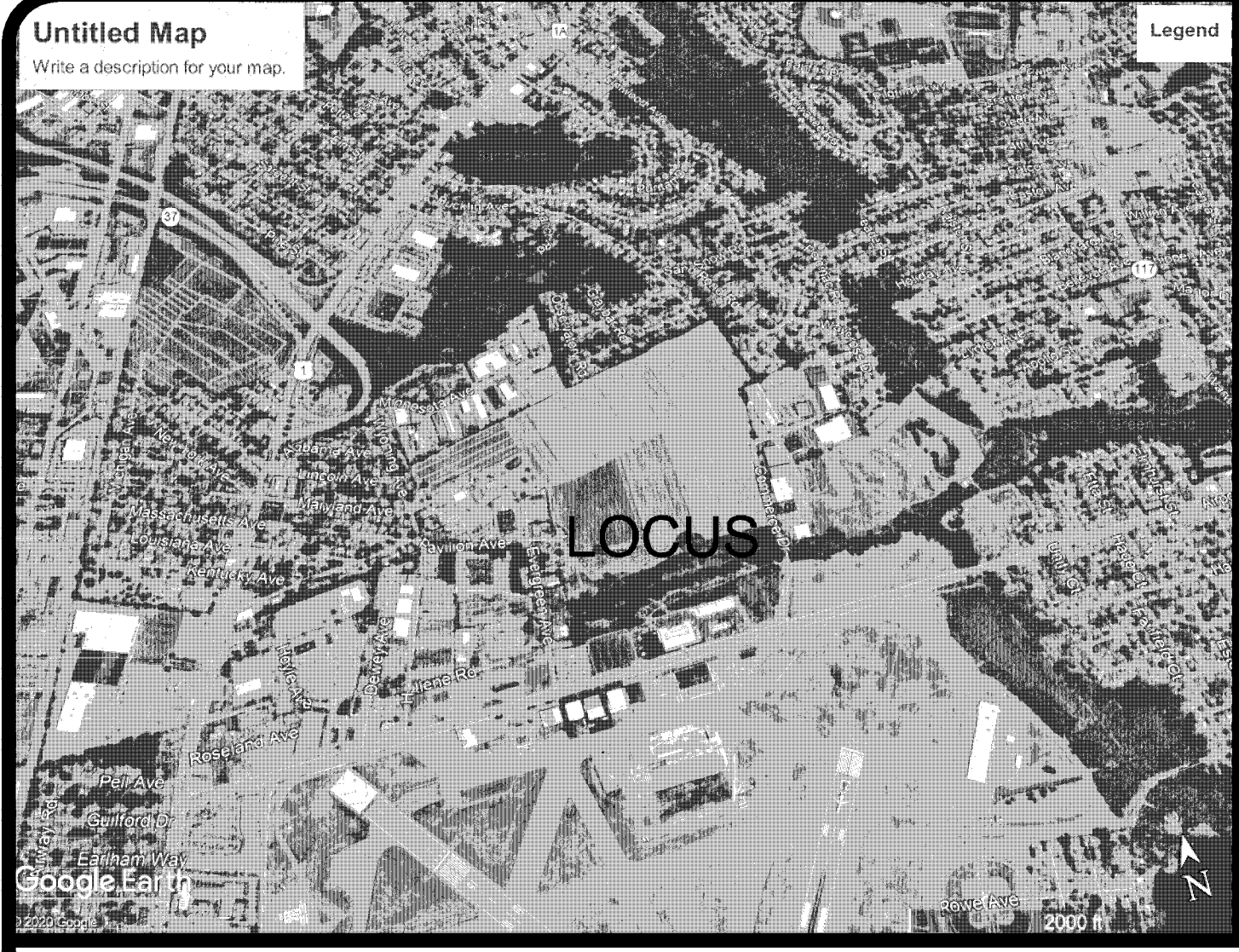
SAMUEL A. WHITE, JR.  
No. 1781  
PROFESSIONAL  
LAND SURVEYOR  
1-19-2021  
2-11-2021  
5-13-2021

**GAROFALO**  
GAROFALO & ASSOCIATES, INC.  
CIVIL & STRUCTURAL ENGINEERS/SURVEYORS  
LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

85 CORLISS STREET  
P.O. BOX 6145  
PROVIDENCE, R.I. 02940  
TEL. 401-273-6000

JOB NO. 7298-00	DRAWN BY R.S.E.
DWG. NO. 7298-00.dwg	CHECKED S.A.W.
SCALE: 1"=50'	APPROVED S.A.W.
SHEET	DATE: JANUARY 15 2021





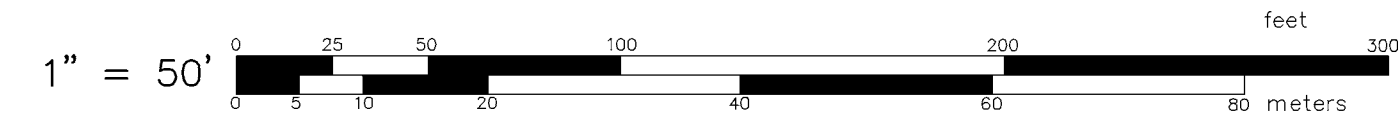
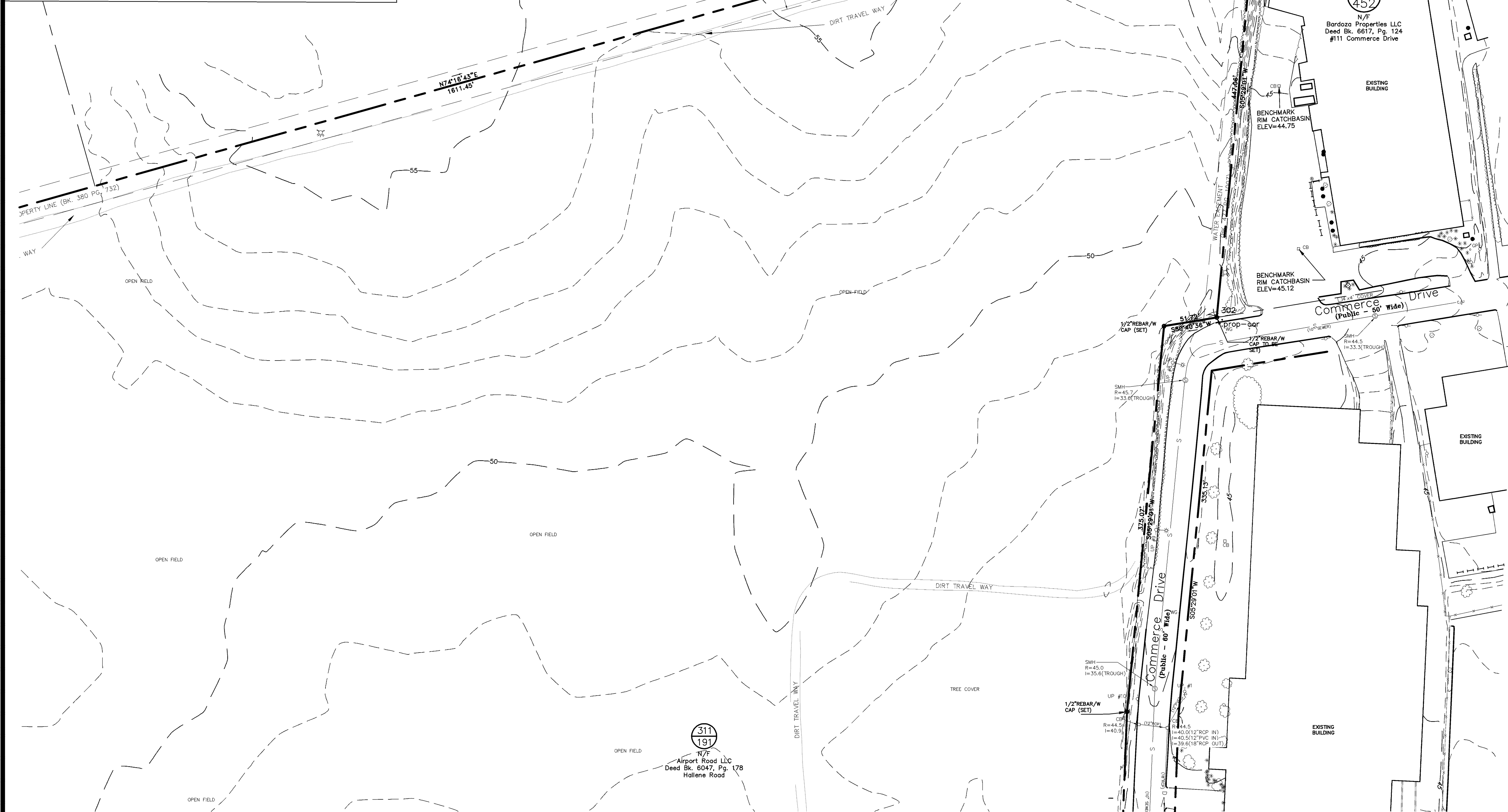
LOTS DEPICTED ON THIS PLAN SHALL NOT BE ALTERED DIMENSIONALLY OR IN FORM, INCLUDING THE ENLARGEMENT OF LOTS OR MOVING OF ANY LOT LINE FOR ANY PURPOSE WHATSOEVER, WITHOUT FIRST FILING A NEW SUBDIVISION APPLICATION IN ACCORDANCE WITH THE CITY OF WARWICK DEVELOPMENT REVIEW REGULATIONS OF DECEMBER 31, 1995. (AS AMENDED).

THIS SURVEY AND PLAN CONFORM TO A CLASS 1 STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. I HEREBY CERTIFY THAT THIS SURVEY WAS ACTUALLY MADE ON THE GROUND AS PER RECORDED DESCRIPTION AND IS CORRECT. THERE ARE NO ENCROACHMENTS EITHER WAY ACROSS PROPERTY LINES EXCEPT AS SHOWN.

Samuel A. White, Jr.  
BY: SAMUEL A WHITE JR. PLS 1781 6-18-2021

311  
193  
N/F  
Vincent P. Confreda  
Seven C's L.L.C.  
Deed Bk. 2918, Pg. 213  
Wyoming Avenue

311  
191  
N/F  
Airport Road LLC  
Deed Bk. 6047, Pg. 178  
Hollene Road



ALTA/NPS LAND TITLE SURVEY  
FOR  
GREEN ACRES LLC & AIRPORT ROAD LLC  
AP 311 LOTS 138 & 191  
SITUATED ON  
AIRPORT ROAD  
WARWICK, RHODE ISLAND  
PREPARED FOR  
V.H.B

NO.	REVISION	BY	DATE
1.	TITLE REVIEW COMMENTS	SAW	1/2021
2.	TITLE REVIEW COMMENTS	SAW	1/2021
3.	WETLANDS BUFFER AND PROP COR.	SAW	2/2021
4.	COMMERCE DRIVE INFO	SAW	4/2021

SAMUEL A. WHITE, JR.  
No. 1781  
PROFESSIONAL  
LAND SURVEYOR  
1-19-2021  
2-11-2021  
5-18-2021

**GAROFALO**  
GAROFALO & ASSOCIATES, INC.  
CIVIL & STRUCTURAL ENGINEERS/SURVEYORS  
LAND PLANNERS/ENVIRONMENTAL SCIENTISTS  
85 CORLISS STREET  
P.O. BOX 6145  
PROVIDENCE, R.I. 02940  
TEL. 401-273-6000

JOB NO. 7298-00	DRAWN BY R.S.E.
DWG. NO. 7298-00.dwg	CHECKED S.A.W.
SCALE: 1"=50'	APPROVED S.A.W.
SHEET	DATE: JANUARY 15 2021

SEE SHEET 6 OF 6 FOR NOTES, REFERENCES, EXCEPTIONS TO TITLE, AND DEED DESCRIPTION.



ALTA/NSPS LAND TITLE SURVEY  
 FOR  
 GREEN ACRES LLC & AIRPORT ROAD LLC  
 AP 311 LOTS 138 & 191  
 SITUATED ON  
 AIRPORT ROAD  
 WARWICK, RHODE ISLAND  
 PREPARED FOR  
 V.H.B

NO.	REVISION	BY	DATE
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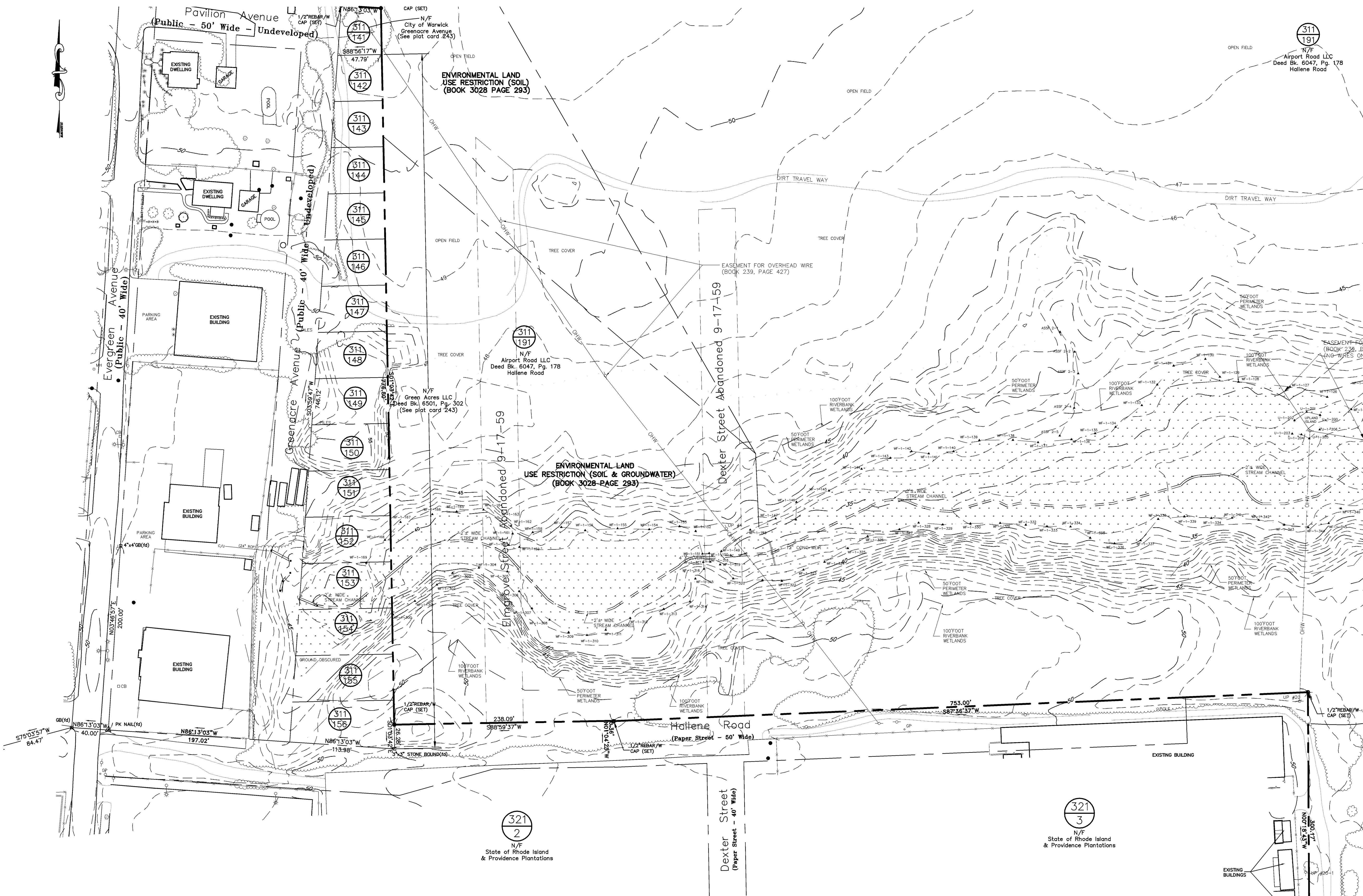
SAMUEL A. WHITE, JR.  
  
 Samuel A. White, Jr.  
 PROFESSIONAL  
 LAND SURVEYOR  
 1-19-2021  
 2-11-2021  
 5-13-2021

**GAROFALO**  
 GAROFALO & ASSOCIATES, INC.  
 CIVIL & STRUCTURAL ENGINEERS \ SURVEYORS  
 LAND PLANNERS \ ENVIRONMENTAL SCIENTISTS  
 85 CORLISS STREET  
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 PROVIDENCE, R.I. 02940  
 TEL. 401-273-6000

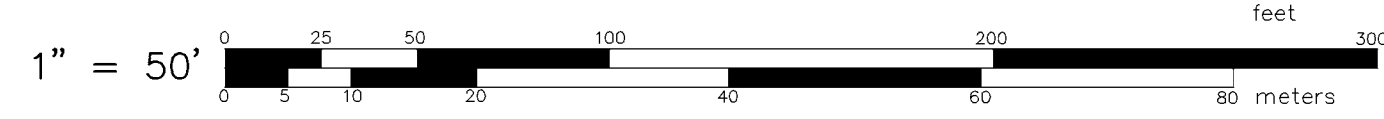
JOB NO. 7298-00	DRAWN BY R.S.E.
DWG. NO. 7298-00.dwg	CHECKED S.A.W.
SCALE: 1"=50'	APPROVED S.A.W.
SHEET	DATE: JANUARY 15 2021

3  
 OF 6 SHEETS

SEE SHEET 6 OF 6 FOR NOTES, REFERENCES, EXCEPTIONS TO TITLE, AND DEED DESCRIPTION. SEE SHEET 2 FOR LOCUS AND WARWICK CERTIFICATIONS



SEE SHEET 6 OF 6 FOR NOTES, REFERENCES, EXCEPTIONS TO TITLE, AND DEED DESCRIPTION. SEE SHEET 2 FOR LOCUS AND WARWICK CERTIFICATIONS



**ALTA/NSPS LAND TITLE SURVEY**  
 FOR  
**GREEN ACRES LLC & AIRPORT ROAD LLC**  
 AP 311 LOTS 138 & 191  
 SITUATED ON  
**AIRPORT ROAD**  
**WARWICK, RHODE ISLAND**  
 PREPARED FOR  
**V.H.B**

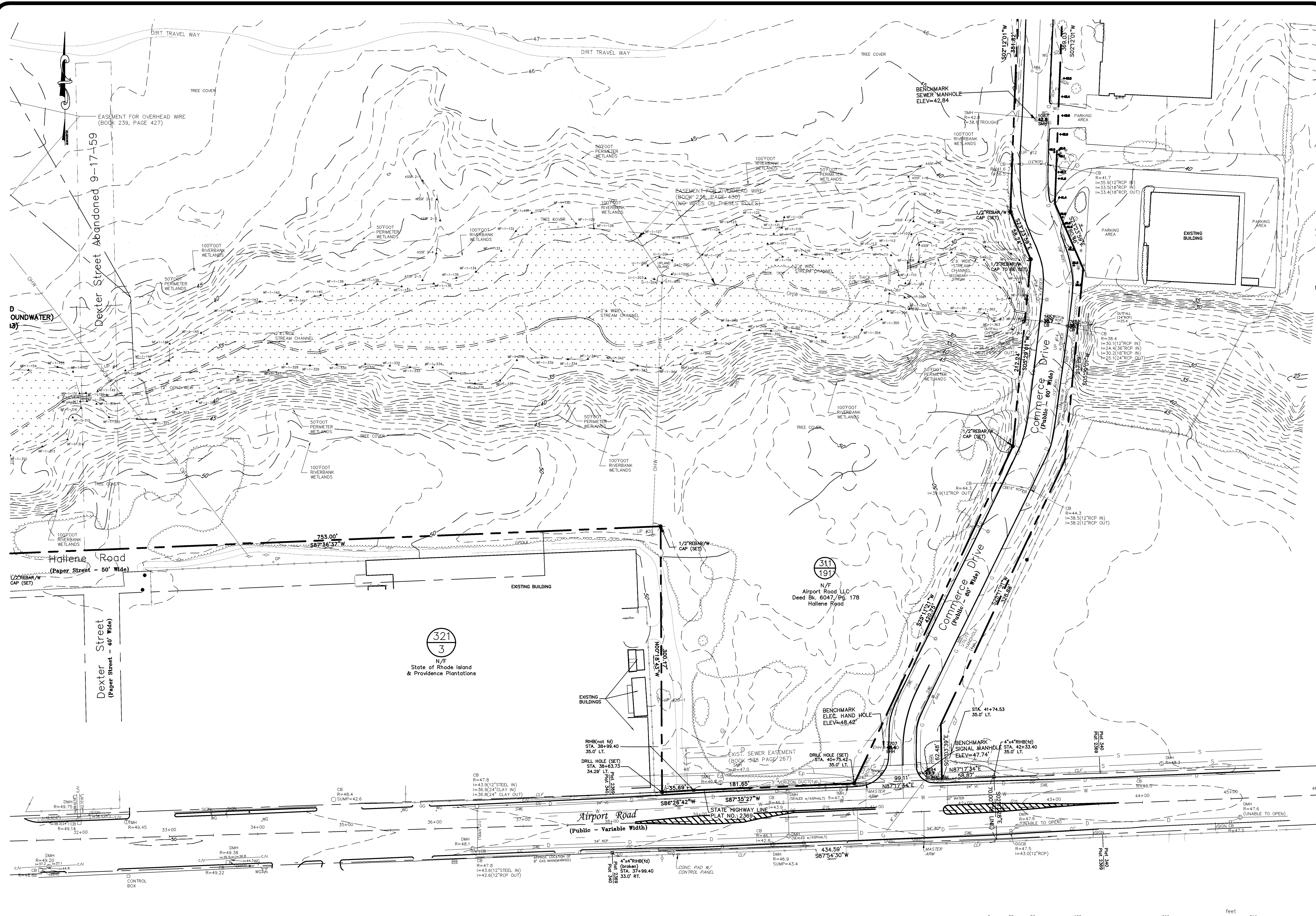
NO.	REVISION	BY	DATE
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**SAMUEL A. WHITE, JR.**  
 No. 1781  
 PROFESSIONAL LAND SURVEYOR  
 1-19-2021  
 2-11-2021  
 5-18-2021

**GAROFALO**  
 GAROFALO & ASSOCIATES, INC.  
 CIVIL & STRUCTURAL ENGINEERS \ SURVEYORS  
 LAND PLANNERS \ ENVIRONMENTAL SCIENTISTS  
 85 CORLISS STREET  
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	DATE: JANUARY 15 2021

SHEET  
 4  
 OF 6 SHEETS



SEE SHEET 6 OF 6 FOR NOTES, REFERENCES, EXCEPTIONS TO TITLE, AND DEED DESCRIPTION. SEE SHEET 2 FOR LOCUS AND WARWICK CERTIFICATIONS

**ALTA/NSPS LAND TITLE SURVEY**  
 FOR  
**GREEN ACRES LLC & AIRPORT ROAD LLC**  
 AP 311 LOTS 138 & 191  
 SITUATED ON  
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**V.H.B**

NO.	REVISION	BY	DATE
1.	TITLE REVIEW COMMENTS	SAW	1/2021
2.	TITLE REVIEW COMMENTS	SAW	1/2021
3.	WETLANDS BUFFER AND PROP COR.	SAW	2/2021
4.	COMMERCE DRIVE INFO	SAW	4/2021

SAMUEL A. WHITE, JR.  
 No. 1781  
 PROFESSIONAL LAND SURVEYOR

1-10-2021  
 2-11-2021  
 5-13-2021

**GAROFALO**  
 GAROFALO & ASSOCIATES, INC.  
 CIVIL & STRUCTURAL ENGINEERS \ SURVEYORS  
 LAND PLANNERS \ ENVIRONMENTAL SCIENTISTS

85 CORLISS STREET  
 P.O. BOX 6145  
 PROVIDENCE, R.I. 02940  
 TEL. 401-273-6000

JOB NO. 7298-00	DRAWN BY R.S.E.
DWG. NO. 7298-00.dwg	CHECKED S.A.W.
SCALE: 1"=50'	APPROVED S.A.W.
	DATE: JANUARY 15 2021

SHEET

5

OF 6 SHEETS

PLAN REFERENCES

- 1.) PLAT BOOK 1 PAGE 70 - RIGHTS IN AND TO THE PUBLIC & PLATTED STREETS SHOWN ON THE "CARTER BROWN PLAT", EXCEPTING THOSE ABANDONED, SEPT. 16, 1959.
2.) VOLUME 380 PAGE 733 - RIGHTS IN AND TO HALLENE ROAD
3.) PLAT CARD #243 - BUILDING RESTRICTIONS ASSOCIATED WITH THE "FRANK E. HOXSIE PLAT NO.1"
4.) VOLUME 380 PAGE 733 - HEIGHT RESTRICTIONS
5.) PLAN ENTITLED "SURVEY OF LAND, FOREST LAND CO. A.P. 311, LOTS 138 & 191, WARWICK, RHODE ISLAND" PREPARED BY WATERMAN ENGINEERING CO., SCALE: 1"=100', DATED APRIL, 1995, PROJECT NO. P95.001
6.) EXISTING CONDITIONS SURVEY FOR A.P.311 LOTS 138 & 191 SITUATED ON AIRPORT ROAD WARWICK, RHODE ISLAND PREPARED FOR CARPIONATO PROPERTIES BY GAROFALO ASSOCIATES, INC. DATED JULY 22, 2005 DWG NO 6231-ECS SCALE 1"=40'.
7.) RHODE ISLAND DEPARTMENT OF TRANSPORTATION STATE TRAFFIC COMMISSION STATEWIDE SIGNALIZATION CONTRACT 3A AIRPORT RD. AT COMMERCE DR. SCALE 1"=20'

SURVEYOR DEED DESCRIPTION A.P. 311 LOT 191

That certain tract or parcel of land with all buildings and improvements thereon situated northerly of Airport Road in the City of Warwick, County of Kent, state of Rhode Island is herein bounded and described;

Beginning at the most southeasterly corner of the herein described parcel, said corner being locate at the intersection of the northerly highway line of Airport Road with the westerly street line of Commerce Drive, said point being located at station 40+75.42 left thirty five and 00/100 (35.00') feet as shown on State Highway Plat 2369;

Thence proceeding south 87°35'27" west along said highway line a distance of one hundred eighty one and 65/100 (181.65') feet to a point said point being located at station 38+99.40 left thirty five and 00/100 (35.00') feet as shown on said highway plat;

Thence proceeding south 86°26'42" west a distance of thirty five and 69/100 (35.69') feet to a point said point being located at station 35+63.73 left thirty four and 29/100 (34.29') feet as shown on said highway plat;

Thence proceeding north 00°18'43" west a distance of three hundred and 17/100 (300.17') feet to a point;
Thence proceeding south 87°36'37" west a distance of seven hundred fifty three and 00/100 (753.00') feet to a point;

Thence proceeding north 01°04'23" west a distance of zero and 36/100 (0.36') feet to a point;

Thence proceeding south 88°59'37" west a distance of two hundred thirty eight and 09/100 (238.09') feet to a point, the last four (4) courses bounded westerly southerly, westerly and southerly by land now or formerly the State of Rhode Island, said point is located north 01°03'42" west a distance of twenty six and 28/100 (26.28') feet from an existing stone bound;

Thence proceeding north 01°03'42" west a distance of seven hundred seventy six and 80/100 (776.80') feet to a point;

Thence continuing north 01°03'42" west a distance of three hundred eighty five and 41/100 (385.41') feet to a point; bounded westerly by land now or formerly of Airport Road LLC herein after described as A.P. 311 Lot 138;

Thence proceeding north 74°16'43" east a distance of one thousand six hundred eleven and 45/100 (1611.45') feet to a point, the last two (2) courses bounded northerly by land now or formerly of Vincent P. Confreda Seven C'S L.L.C., said point being located south 74°16'43" east a distance of one hundred forty one and 42/100 (141.42') feet from an existing granite bound;

Thence proceeding south 05°29'01" west a distance of four hundred forty seven and 06/100 (447.06') feet to a point on the northerly street line of Commerce Drive, bounded easterly by land now or formerly of Ranaldi reality L.L.C.;

Thence proceeding south 80°40'36" west along the northerly street line of said Commerce Drive a distance of fifty one and 72/100 (51.72') feet to a point;

Thence proceeding south 05°29'01" west along the westerly street line of said Commerce Drive a distance of three hundred seventy five and 07/100 (375.07') feet to a point;

Thence proceeding south 02°12'01" west along the westerly street line of said Commerce Drive a distance of three hundred eighty one and 82/100 (381.82') feet to a point;

Thence proceeding south 23°23'59' east along the westerly street line of said Commerce Drive a distance of fifty eight and 24/100 (58.24') feet to a point;

Thence proceeding south 05°29'01" west along said westerly street line of said Commerce Drive a distance of two hundred twelve and 24/100 (212.24') feet to a point;

Thence proceeding south 25°11'21" west along the westerly street line of said Commerce Drive a distance of four hundred twenty and 75/100 (420.75') feet to the point and place of beginning;

Said parcel contains 2,024,976 square feet or 46.48 acres more or less.

Said parcel is subject to easements of record.

SURVEYORS DEED DESCRIPTION A.P. 311 LOT 138

That certain tract or parcel of land with all buildings and improvements thereon situated easterly of Greenacres Avenue in the City of Warwick, County of Kent, State of Rhode Island is herein bounded and described;

Commencing at a granite bound located at the intersection of the northerly street line of Hallene Road with the westerly street line of Evergreen Avenue;

Thence proceeding south 86°13'03" west a distance of two hundred thirty seven and 02/100 (237.02') feet to a point;

Thence proceeding north 03°59'47" east along the easterly street line of said Greenacer Avenue a distance of eight hundred and 22/100 (800.22') feet to the point and place of beginning of the herein described parcel said corner being the most southwesterly corner of the parcel;

Thence proceeding north 03°48'32" east along the easterly street line of Greenacres Avenue a distance of three hundred eighty and 33/100 (380.33') feet to the most northwesterly corner of the herein described parcel;

Thence proceeding north 74°35'27" east a distance of eleven and 26/100 (11.26') feet to the most northeasterly corner of the herein described parcel, bounded northerly by land now or formerly of Vincent P. Confreda, or the most northwesterly corner of the before herein described parcel A.P. 311 Lot 191;

Thence proceeding south 01°03'42" east a distance of three hundred eighty five and 41/100 (385.41') feet to a point;

Thence proceeding north 86°13'03" west a distance of forty three and 18/100 (43.18') feet to the point and place of beginning, bounded southerly by land now or formerly of the City of Warwick;

Said parcel contains 10,347 square feet or 0.24 acres more or less.

LEGAL DESCRIPTION CERTIFICATION:

TITLE DESCRIPTION AND THE SURVEYOR'S DESCRIPTION ARE THE SAME PROPERTY.

TITLE DEED DESCRIPTION:

That certain tract or parcel of land with all buildings and improvements thereon situated northerly of Airport Road in the City of Warwick, County of Kent, State of Rhode Island, is herein bounded and described:

Beginning at the most southeasterly corner of the herein described parcel, said corner being located at the intersection of the northerly highway line of Airport Road with the westerly street line of Commerce Drive, said point being located at station 40+75.42 left thirty-five and 00/100 (35.00') feet as shown on State Highway Plat 2369;

Thence proceeding south 83°35'27" west along said highway line a distance of one hundred eighty-one and 65/100 (181.65') feet to a point, said point being located at station 38+99.40 left thirty-five and 00/100 (35.00') feet as shown on said highway plat;

Thence proceeding south 86°26'42" west a distance of thirty-five and 69/100 (35.69') feet to a point, said point being located at station 35+63.73 left thirty-four and 29/100 (34.29') feet as shown on said highway plat;

Thence proceeding north 00°18'43" west a distance of three hundred and 17/100 (300.17') feet to a point;

Thence proceeding south 87°36'37" west a distance of seven hundred fifty-three and 00/100 (753.00') feet to a point;

Thence proceeding north 01°04'23" west a distance of zero and 36/100 (0.36') feet to a point;

Thence proceeding south 88°59'37" west a distance of two hundred thirty-eight and 09/100 (238.09') feet to a point, the last four (4) courses bounded westerly, southerly, westerly and southerly by land now or formerly of the State of Rhode Island, said point is located 01°03'42" west a distance of twenty-six and 28/100 (26.28') feet from an existing stone bound.

Thence proceeding north 01°03'42" west a distance of seven hundred seventy-six and 80/100 (776.80') feet to a point;

Thence proceeding north 86°13'03" west a distance of forty-three and 18/100 (43.18') feet to a point on the easterly street line of Greenacres Avenue, an undeveloped street, the last two (2) courses bounded westerly and southerly by land now or formerly of Kathleen Perri and in part by land now or formerly of the City of Warwick, Rhode Island;

Thence proceeding north 03°46'57" east along the easterly street line of said Greenacres Avenue a distance of three hundred eighty and 33/100 (380.33') feet to a point, said point being the most northwesterly corner of the herein described parcel;

Thence proceeding north 74°35'27" east a distance of eleven and 26/100 (11.26') feet to a point;

Thence proceeding north 74°16'43" east a distance of one thousand six hundred eleven and 45/100 (1611.45') feet to a point, the last two (2) courses bounded northerly by land now or formerly of Vincent P. Confreda Seven C'S L.L.C., said point being located south 74°16'43" east a distance of one hundred forty-one and 42/100 (141.42') feet from an existing granite bound;

Thence proceeding south 05°29'01" west a distance of four hundred forty-seven and 06/100 (447.06') feet to a point on the northerly street line of Commerce Drive, bounded easterly by land now or formerly of Ranaldi Realty, LLC.

Thence proceeding south 80°40'36" west along the northerly street line of said Commerce Drive a distance of fifty-one and 72/100 (51.72') feet to a point;

Thence proceeding south 02°12'01" west along the westerly street line of said Commerce Drive a distance of three hundred eighty-one and 82/100 (381.82') feet to a point;

Thence proceeding south 23°23'59" east along the westerly street line of said Commerce Drive a distance of fifty-eight and 24/100 (58.24') feet to a point;

Thence proceeding south 05°29'01" west along said westerly street line of said Commerce Drive a distance of two hundred twelve and 24/100 (212.24') feet to a point;

Thence proceeding south 25°11'21" west along the westerly street line of said Commerce Drive a distance of four hundred twenty and 75/100 (420.75') feet to the point and place of beginning.

TITLE EXCEPTIONS:

8. Easement from Oscar R. Hallene and Luina C. Hallene to The Narragansett Electric Company dated November 3, 1951 and recorded January 16, 1952 in Book 239 at Page 427 of the land evidence records of the City of Warwick (PLOTTED) (NO WIDTH WERE THE POLES ARE) (AFFECTS)

9. Easement from Oscar R. Hallene and Laurina C. Hallene to The Narragansett Electric Company and New England Telephone and Telegraph Company dated November 13, 1951 and recorded January 16, 1952 in Book 239 at Page 430 of the Land Evidence Records of the City of Warwick. (PLOTTED) (NO WIDTH WERE THE POLES ARE) (AFFECTS)

10. Sewer Easement from M. Edgar Fain, Albert Pilavin, Irving Jay Fain and Norman M. Fain, of the City of Warwick, dated July 18, 1963 and recorded July 29, 1963 in Book 338 at Page 267 of the Land Evidence Records of the City of Warwick. (PLOTTED) (WIDTH 48') (AFFECTS)

11. Rights of others in and to (a) a driftway or path along the northerly line of the land, and (b) a driftway across the land as it now exists or may be enforced, as referenced to in that certain Quitclaim Deed from William L. Mayer, et als, to William L. Mayer, et als, as co-partners d/b/a The Forest Company dated May 15, 1967 and recorded July 12, 1967 in Book 380 at Page 730 of the Land Evidence Record of the City of Warwick. (PLOTTED) (NO WIDTH) (AFFECTS)

12. Right of Way and Easement from The Forest Company to the City of Warwick dated August 24, 1967 and recorded September 12, 1967 in Book 382 at Page 194 of the Land Evidence Records of the City of Warwick. (PLOTTED) (WIDTH 30') (AFFECTS)

13. Right of way and Easement from Forest Co. to the City of Warwick dated May 10, 1976 and recorded July 13, 1976 in Book 477 at Page 1007, to the extent that same is still in effect. (PLOTTED)(WIDTH 12.5') (AFFECTS) 12" WATER MAIN IS IN PLACE

14. Easement from Forest Co. to Airport park, a Rhode Island general partnership dated July 14, 1976 and recorded July 27, 1976 in Book 478 at Page 416 of the Land Evidence records of the City of Warwick. (COMMERCE DRIVE) (PLOTTED)(WIDTH 60') (AFFECTS)

15. Right of Way and Easement from Forest Co. to City of Warwick dated July 14, 1976 and recorded March 11, 1977 in File 1, Drawer 1, Card 818 of the Land Evidence Records of the City of Warwick. ( SAME AS BOOK 477 PAGE 1007) (PLOTTED)(WIDTH 12.5') (AFFECTS)

16. Declaration of Environmental Land Usage Restriction by The Forest Company dated November 16, 1998 and recorded November 23, 1998 in Book 3028 at Page 293 of the Land Evidence Records of the City of Warwick. (PLOTTED) (AFFECTS)

17. Any regulations for control of height of the buildings located on the land by reason of Federal and / or state control of glide angles in connection with T.F. Green Airport. (AFFECTS PROPERTY) (LOCATION CAN NOT BE DETERMINED BY THE RECORDED DOCUMENT)

18. Public and private rights in the platted streets shown on the Carter Brown Plat, which plat is recorded in Plat Book 1 at Page 70 and (copy) on Plat Card 47, except insofar as the public rights have been affected by that certain Order No. 0-59-42 of the Warwick City Council entitled, "Order on the abandonment of Certain Streets and Avenue" entered September 17, 1959 and recorded in City Council Records Book 3 at Pages 150 and 151. (AFFECTS PROPERTY)(PLOTTED)

19. That portion of the subject property consisting of Lots Nos. 88,89 and 90 on that plat entitled, "The Frank E. Hoxsie Plat No. 1 Warwick, RI Walter J. Grady Engr., December 1912" which plat is recorded on Plat Card 243 are subject to the restriction that any dwelling or building placed upon said lots shall not be placed within ten (10) feet of the sidewalk or the street. (DOES AFFECT PROPERTY)(LOTS 138, 141 & 142 A.P. 311 ABUTORS.)

20. Rights of others in and to the waters of any brooks and streams flowing through or along the land. (PLOTTED) (AFFECTS)

21. Matters and conditions as shown on that certain plan entitled, "Existing Conditions Survey for 138 & 191 situated on Airport Road Warwick, Rhode Island prepared for Carpionato Properties" date: July 22, 2005 Scale 1"=40' Dwg. No. 6231-eecs. Dwg by Garofalo & Associates, Inc. as follows:

- a. 30' Water line easement (Book 382 at Page 194 runs along Northerly Property line.
b. 25' Water line easement (Book 476 at page 110 runs along easterly property boundary.
c. Driftway (Book 380 at Page 732) runs along northerly property line.
d. Driftway (Book 148 at Page 292) runs through property.
e. Easement for overhead wire (Book 239 at Page 427).
f. Environmental Land Use Restriction area (Book 3028 at Page 293) located in westerly portion of property.
g. Existing Sewer Easement (Book 338 at page 267) runs over property along Airport Road.
h. Possible encroachment of 3' Verizon Duct along Airport Road. (PLOTTED) (AFFECTS)

22. Farm Forest or Open Space Notice regarding Plat 311, Lot 138 recorded in Book 7226 at Page 263 of the Warwick Land Evidence Records. (PLOTTED)(DOES AFFECT)

23. Farm Forest or Open Space Notice regarding Plat 311 Lot 191 recorded in Book 7226 at Page 264 of the Warwick Land Evidence Records. (PLOTTED) (AFFECTS)

24. Zoning Letter recorded in Book 7433 at Page 162 of the Warwick Land Evidence Records. (AFFECTS PROPERTY) (SHOULD BE COMMENTED ON BY ZONING ATTORNEY) AS TO AFFECT ON PROPERTY NOT A SURVEY ISSUE

Table with 3 columns: ZONING DATA, PARCEL DATA, and STREET INDEX. Contains details about lot area, setbacks, and zoning information.

TITLE REVIEW NOTES:

NOTES 5B. RIGHTS OF WAY AND ACCESS

iii. GREENACERS AVE., PLACE AVE., PAVILION AVE., ARE PUBLIC STREETS BUT ARE NOT DEVELOPED ALSO THERE IS PROPERTY BELONGING TO OTHERS (ABUTORS) THAT DOES NOT ALLOW THIS PARCEL TO HAVE ACCESS TO THEM.

iv. THE DIRT TRAVEL WAYS ARE FARM ROADS USED BY THE FARM THAT IS USING THE PROPERT AT THIS TIME FOR FARMING AND ARE NOT USED BY THE PUBLIC FOR ACCESS TO OR FRM THE PROPERTY.

v. SEE iv ABOVE.

NOTES 5C. LINES OF POSSESSION AND IMPROVEMENTS ALONG THE BOUNDARIES

I PLEASE EXPLAIN IN MORE DETAIL AS THERE IS NO ENCROACHMENTS IN THE FIELD ACROSS THE BOUNDARIES BY THIS PARCEL OR BY ABUTOR.

NOTES 6B BOUNDARY, DESCRIPTION, DIMENSIONS, AND CLOSURES

ii NOTE ON PLAN UNDER SURVEYORS DESCRIPTION

NOTES 6C EASEMENTS, SERVITUDES, RIGHTS OF WAY, ACCESS AND DOCUMENTS

iii. SAID SITE HAS ACCESS TO AIRPORT ROAD AND COMMERCE DRIVE & GREENACRES AVENUE.

iv. PAPER ROAD IS A ROAD THAT HAS BEEN DELINEATED IN A DEED OR RECORD PLAN BUT HAS NOT BEEN DEVELOPED (IE NO PAVEMENT CURBING UTILITIES ETC.)

vi. ALL ABUTTERS AS LISTED ON THE PLAN SHOW THE DEED BOOK AND PAGE FROM THE RECORDED INFORMATION FROM THE CITY OF WARWICK RECORDS

vii. THIS REQUEST IS A ZONING ISSUE NOT A SURVEY ISSUE COMMENT SURVEYOR WOULD NEED A COPY OF THE ZONING OPINION.

NOTES 6D PRESENTATIONS

2(b) THERE ARE NO BUILDINGS ON THIS SITE.

2(e) A VICINITY MAP HAS BEEN ADDED TO THE PLAN

vi. ALL ABUTTERS AS LISTED ON THE PLAN SHOW THE DEED BOOK AND PAGE FROM THE RECORDED INFORMATION FROM THE CITY OF WARWICK RECORDS

vii. THIS REQUEST IS A ZONING ISSUE NOT A SURVEY ISSUE COMMENT SURVEYOR WOULD NEED A COPY OF THE ZONING OPINION.

TABLE A

- 1. WILL BE SET AFTER SURVEY HAS BEEN APPROVED
2. ADDRESS IS AHOWN IN PROPERTY DATA BOX.
3. WET LANDS ARE SHOWN ON THE PLAN BY WETLANDS INVENTORY MAPS SURVEYOR IS LOCATING AND WILL BE SHOWN ON FINAL PLANS.
4. GROSS AREA IS SHOWN IN PROPERTY DATA BOX.
5. VERTICAL RELIEF IS BEING PREPARED FOR THE FINAL DESIGN PLANS.
9. THERE ARE NO PARKING STRIPES OR PARKING AREAS ON THIS SITE.
13. ADJOINING OWNERS ARE SHOW ON THE PLAN WITH AP AND LOT NUMBERS AND DEED BOOK AND PAGES.
16. NO EVIDENCE OF RECENT EARTH MOVING BUILDINGT CONSTRUCTION WERE OBSERVED DURING THE SURVEY.
17. NO KNOWN CHANGES IN STREET RIGHT OF WAYS OR STREET OR SIDEWALK CONSTRUCTION OR REPAIR WERE OBSERVED DURING SURVEY.

NOTES

1. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. (PLEASE CONTACT DIGSAFE PRIOR TO CONSTRUCTION @ 1-888-344-7233)

2. PROJECT IS LOCATED WITHIN ZONE X(AREAS DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN), AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP FOR THE CITY OF WARWICK, KENT COUNTY, RHODE ISLAND, COMMUNITY PANEL NO. 44003C131H, HAVING AN EFFECTIVE DATE OF SEPTEMBER 18, 2013.

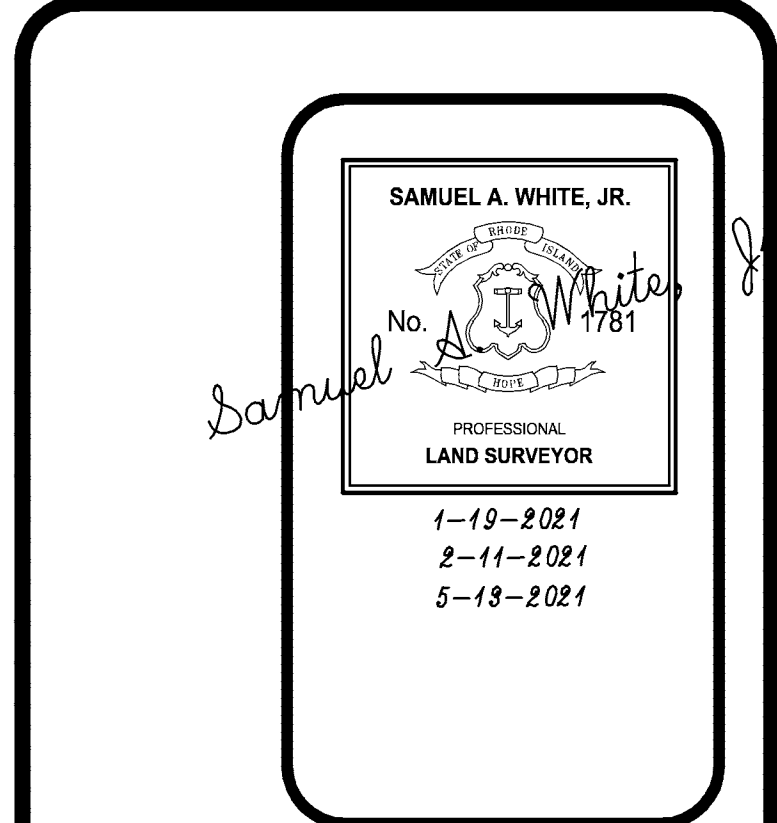
3. TOPOGRAPHY PREPARED FROM ON THE GROUND SURVEY, HORIZONTAL DATUM-RHODE ISLAND STATE PLANE COORDINATE NAD 83, VERTICAL DATUM-NAVD 88 (MSL), CONTOUR INTERVAL 1. ALL BUILDING OUTLINES REPRESENT ROOF LINES UNLESS OTHERWISE NOTED.

4. WETLANDS WERE DELINEATED ON THE GROUND BY VHB AND LOCATED BY SURVEY METHODS BY GAROFALO & ASSOCIATES, INC ON JANUARY 19, 2021

5. SAID PARCELS HAVE ACCESS TO AIRPORT ROAD, COMMERCE DRIVE AND GREENACRES AVENUE (GREENACRES IS PUBLIC BUT UNDEVELOPED)

ALTA/NSPS LAND TITLE SURVEY FOR GREEN ACRES LLC & AIRPORT ROAD LLC AP 311 LOTS 138 & 191 SITUATED ON AIRPORT ROAD WARWICK, RHODE ISLAND PREPARED FOR V.H.B

Table with 4 columns: NO., REVISION, BY, DATE. Contains revision history for the survey.



GAROFALO GAROFALO & ASSOCIATES, INC. CIVIL & STRUCTURAL ENGINEERS SURVEYORS LAND PLANNERS ENVIRONMENTAL SCIENTISTS 85 CORLISS STREET P.O. BOX 6145 PROVIDENCE, R.I. 02940 TEL. 401-273-6000

Table with 2 columns: JOB NO., DWG. NO., SCALE, SHEET and DRAWN BY, CHECKED, APPROVED, DATE. Contains project and approval details.

SHEET 6 OF 6 SHEETS