

# Contract Plans

Issued for	Bidding
Date Issued	January 15, 2019

## City of Burlington Parks, Recreation & Waterfront

64 Pine Street  
Burlington, Vermont



# Burlington Greenway Rehabilitation

## Phase 2 Pause Places Leddy Park & Beach Access

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CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS, UNLESS NOTED OTHERWISE.



## Planting Notes

DIMENSION

# Burlington Greenway Rehabilitation Phase 2 Pause Places Burlington, Vermont

Drawing Title

# General Notes and Abbreviations

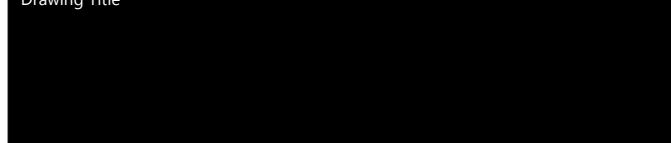
Drawing Number

**LA-0.00**

58049.00



## Burlington Greenway

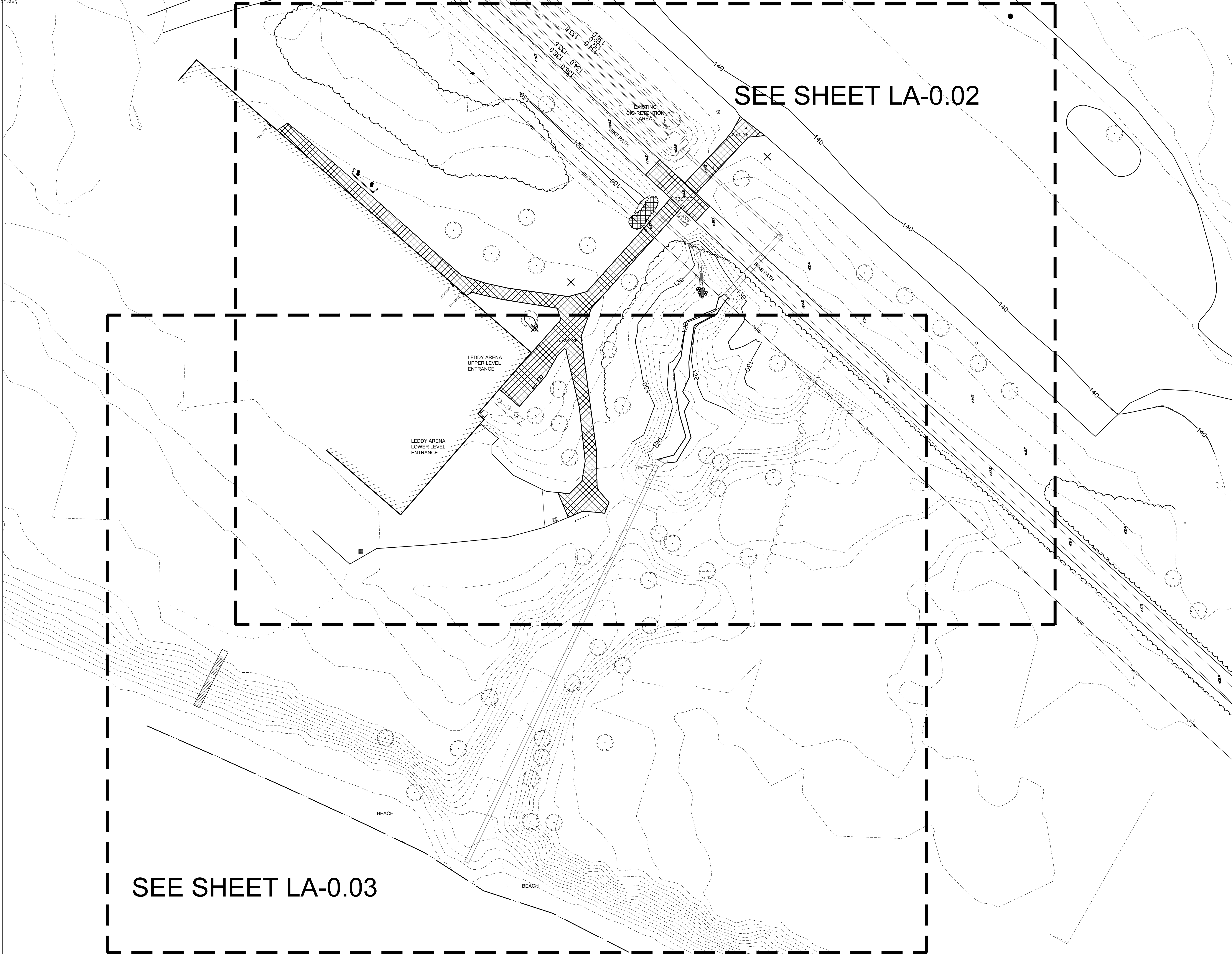
[illegible]



Drawing Title

Drawing Number

Project Number







**Burlington Greenway  
Rehabilitation  
Phase 2 Pause Places**  
Burlington, Vermont

No.	Revision	Date	Appvd.

Designed by	Checked by
LET/MKW	MKW
Issued for	Date
Bid Set	January 15th, 2019

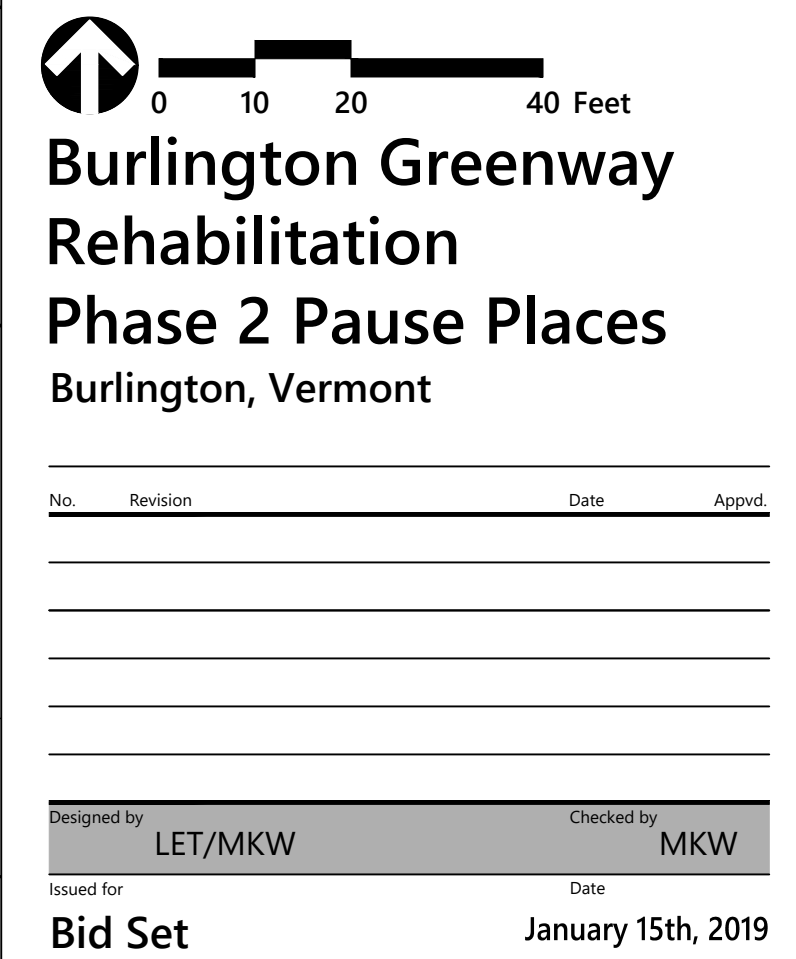
Drawing Title

**Overall Existing Conditions  
and Demolition Plan -  
Leddy Park**

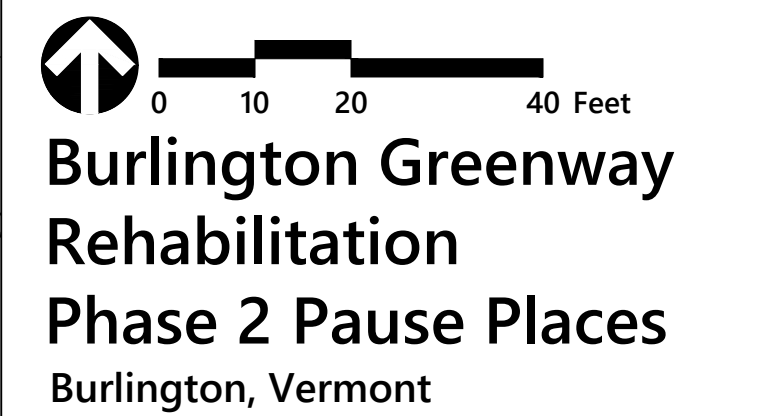
Drawing Number

**LA-0.01**









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Issued for	Date
<b>Bid Set</b>	<b>January 15th, 2019</b>

# Existing Conditions and Demolition Plan - Leddy Park

Drawing Number

LA-0.03

Project Number  
**58049.00**





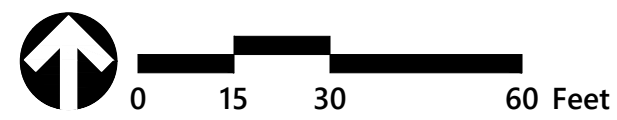
40 IDX Drive, Building 100  
Suite 200  
South Burlington, VT 05403

Refer to Leddy Park  
Arena Drainage  
Improvement  
Drawings by  
Burlington DPW

SEE SHEET LA-1.01

SEE SHEET LA-1.02

SEE SHEET LA-1.03



**Burlington Greenway  
Rehabilitation  
Phase 2 Pause Places  
Burlington, Vermont**

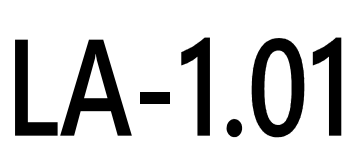
No.	Revision	Date	Appvd.

Designed by	LET/MKW	Checked by	MKW
Issued for	Bid Set	Date	January 15th, 2019

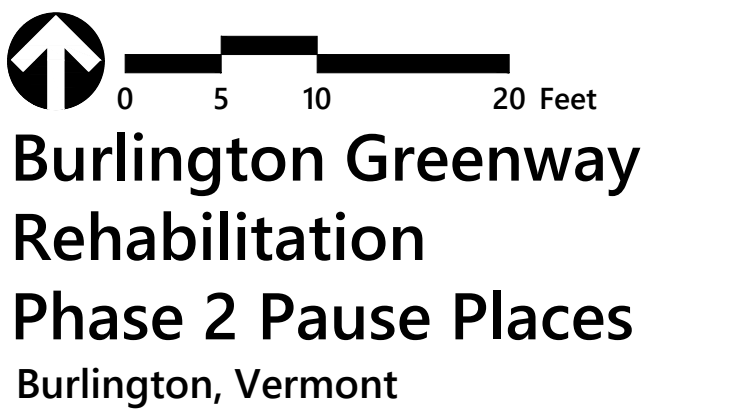
Drawing Title  
**Overall Layout Plan -  
Leddy Park**

Drawing Number  
**LA-1.00**









Designed by <b>LET/MKW</b>	Checked by <b>MKW</b>
Issued for	Date
<b>Bid Set</b>	<b>January 15th, 2019</b>

Drawing Number

# LA-1.02

NOTES:

1. BASE BID INCLUDES KEEPING EXISTING STAIRS TO THE BEACH.
2. BID ALTERNATE INCLUDES REMOVING EXISTING STAIRS AND REPLACING WITH NEW STAIRS, MATCH ALIGNMENT OF EXISTING STAIRS.

A METAL STAIRS  
LA-3.01  
(Bid alternate)

D ASPHALT PAVING  
LA-3.00

E STONE SWALE  
LA-3.00

D ASPHALT PAVING  
LA-3.00

D BOULDER RETAINING WALL, SIMILAR  
LA-3.04

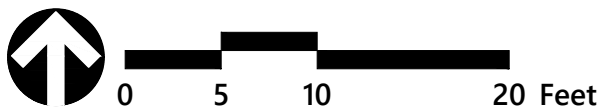
SUPPLEMENT EXISTING LANDSCAPE BOULDERS  
AS NEEDED TO CREATE ARMORED EDGE

EXISTING STORMWATER OUTFALL

EXISTING SAND/GRAVEL ACCESS

END OF SWALE, BLEND WITH EXISTING GRADE  
ARMOR OUTFALL AS NEEDED

**ADD ALTERNATE:**  
BANK STABILIZATION AND RESTORATION  
REINFORCE SLOPE IN THIS AREA WITH TERRACED  
BOULDERS TO CREATE STABILIZED BANK AS  
DIRECTED BY BPRW



**Burlington Greenway  
Rehabilitation  
Phase 2 Pause Places  
Burlington, Vermont**

No.	Revision	Date	Appd.

Designed by LET/MKW      Checked by MKW

Issued for Bid Set      Date January 15th, 2019

Drawing Title  
**Layout Plan - Leddy Park**

Drawing Number

**LA-1.03**

Project Number

58049.00





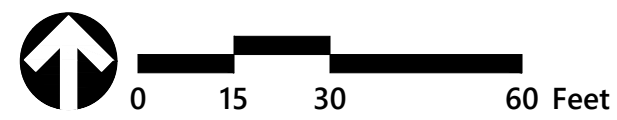
40 IDX Drive, Building 100  
Suite 200  
South Burlington, VT 05403

Refer to Leddy Park  
Arena Drainage  
Improvement  
Drawings by  
Burlington DPW

SEE SHEET LA-2.01

SEE SHEET LA-2.02

SEE SHEET LA-2.03



**Burlington Greenway  
Rehabilitation  
Phase 2 Pause Places  
Burlington, Vermont**

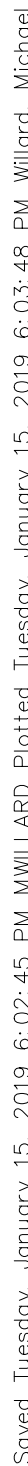
No.	Revision	Date	Appvd.


Designed by	LET/MKW	Checked by	MKW
Issued for	Bid Set	Date	January 15th, 2019

Drawing Title  
**Overall Grading Plan -  
Leddy Park**

Drawing Number  
**LA-2.00**

Project Number  
58049.00





0
5
10
20 Feet

# Burlington Greenway Rehabilitation

## Phase 2 Pause Places

### Burlington, Vermont

No.	Revision	Date	Apprv.

Designed by

LET/MKW

Checked by

MKW

Issued for

Date

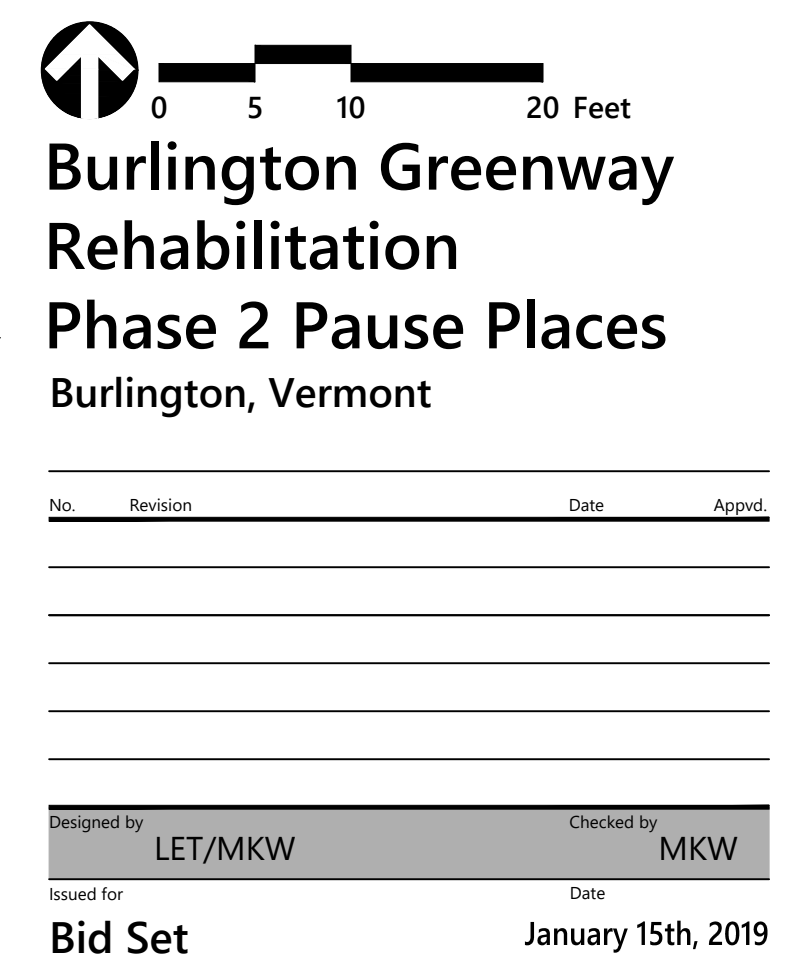
Bid Set

January 15th, 2019

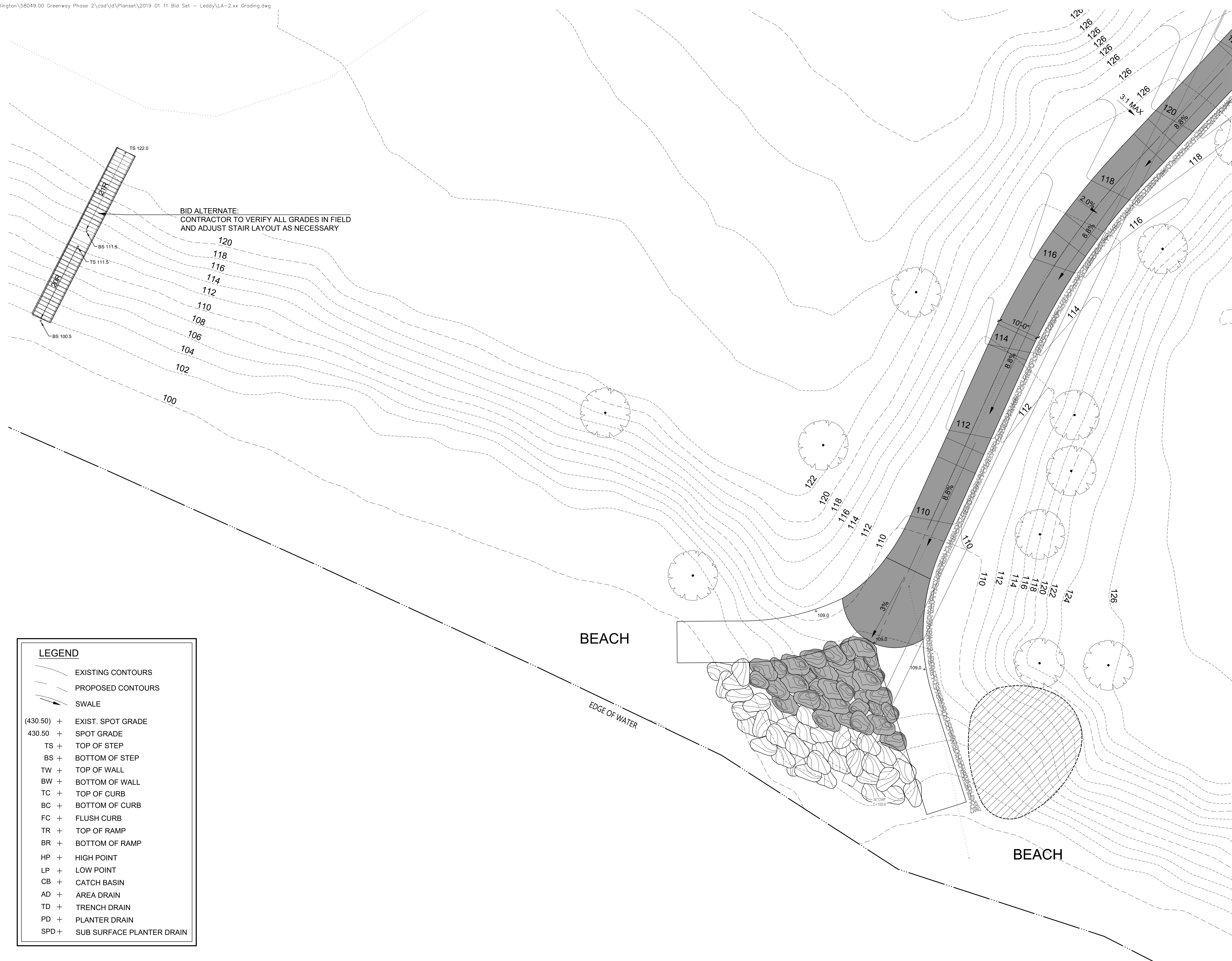
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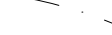

Project Number  
**58049.00**






Drawing Title	
Grading Plan - Leddy Park	
Drawing Number	
LA-2.02	
Project Number	
58049.00	



	EXISTING CONTOURS
	PROPOSED CONTOURS
	SWALE
(430.50) +	EXIST. SPOT GRADE
430.50 +	SPOT GRADE
TS +	TOP OF STEP
BS +	BOTTOM OF STEP
TW +	TOP OF WALL
BW +	BOTTOM OF WALL
TC +	TOP OF CURB
CB +	BOTTOM OF CURB
FC +	FLUSH CURB
TR +	TOP OF RAMP
BR +	BOTTOM OF RAMP
HP +	HIGH POINT
LP +	LOW POINT
CB +	CATCH BASIN
AD +	AREA DRAIN
TD +	TRENCH DRAIN
PD +	PLANTER DRAIN
SPD +	SUB SURFACE PLANTER DRAIN



0

5

10

20

0
5
10
20

Feet

# Burlington Greenway Rehabilitation Phase 2 Pause Places

## Burlington, Vermont

No.	Revision	Date	Appvd.

Designed by <div style="font-size: 1.2em; font-weight: bold; margin-top: 5px;">LET/MKW</div>	Checked by <div style="font-size: 1.2em; font-weight: bold; margin-top: 5px;">MKW</div>
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Issued for

Date

Bid Set

January 15th, 2019

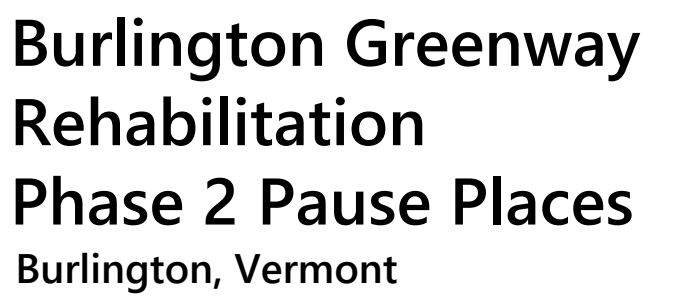
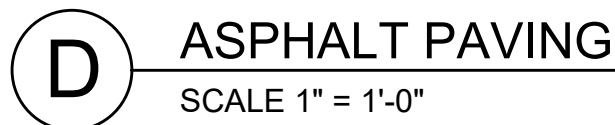
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## Grading Plan - Leddy Park

Drawing Number

Revision Number





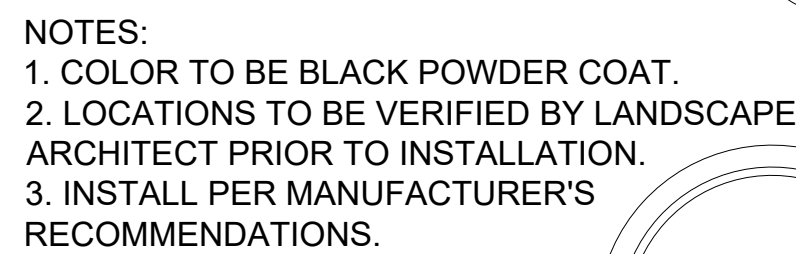
Drawing Title

# Landscape Details

Drawing Number







- LOOP BIKE RACK,  
REFER TO SPECIFICATIONS

— IN-GROUND MOUNT —  
CORE DRILLED AND  
SET W/ EPOXY GROUT



SCALE 1" = 1'



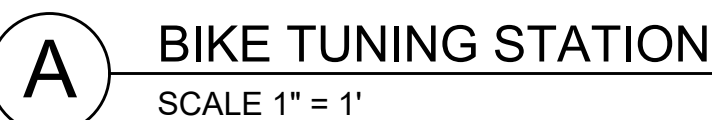
NOTES:

1. COLOR TO BE BLACK POWDER COAT.
2. LOCATION TO BE VERIFIED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
3. REFER TO SPECIFICATIONS.



— SURFACE MOUNT, —  
INSTALL USING  
MANUFACTURER'S  
RECOMMENDATIONS  
FOR NEW SIDEWALK  
INSTALLATIONS.

- CONCRETE WALK, ————  
REFER TO CIVIL DRAWINGS



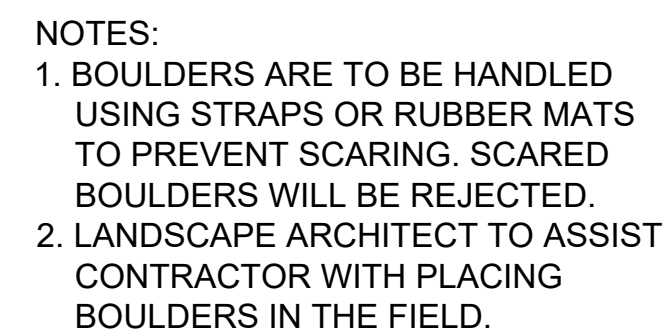
BIKE TUNING STATION

SCALE 1" = 1'



**D BOULDER RETAINING WALL**  
SCALE 1/2" = 1'-0"

SCALE 1/2" = 1'-0"

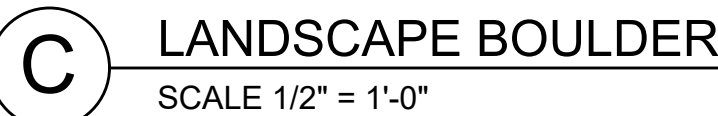


— BOULDER  
(To be selected by  
Landscape Architect)

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

— 6" TOPSOIL

– COMPACTED SUBGRADE  
OR UNDISTURBED  
NATIVE SOIL



LANDSCAPE BOULDER

SCALE 1/2" = 1'-0"

# Burlington Greenway Rehabilitation Phase 2 Pause Places Burlington, Vermont

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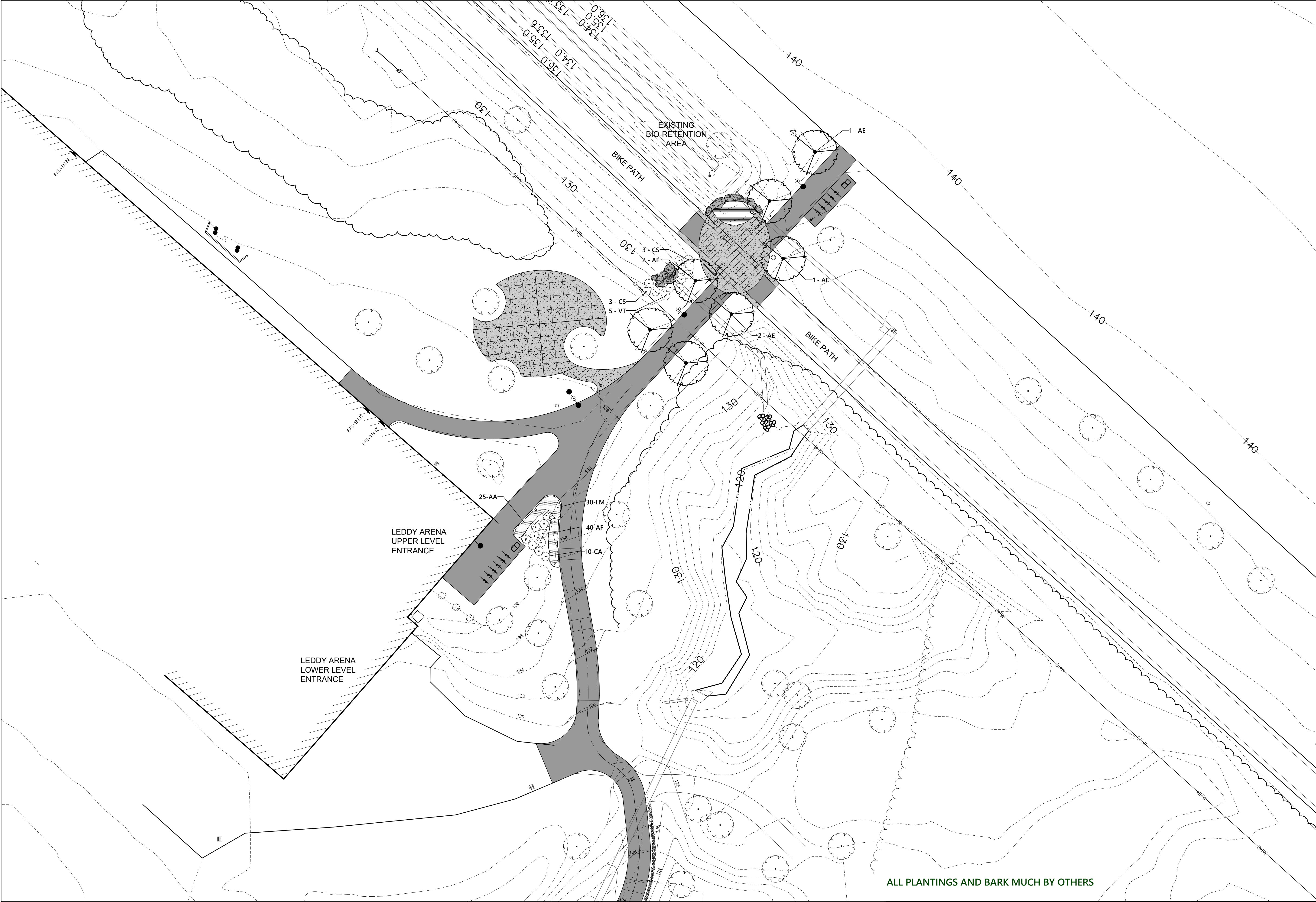
## Drawing Title

Drawing Number

# LA-3.02

Project Number  
58049.00

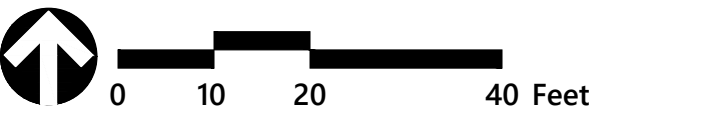




ALL PLANTINGS AND BARK MUCH BY OTHERS

PLANTSCHEDULE

DECIDUOUS TREES		BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
AE	7	Acer rubrum xfreemanii 'Sienna'	Sienna Red Maple	2 1/2 - 3" CAL.	B&B, Full
SHRUBS		BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
CA	10	Clethera alnifolia 'Ruby Spice'	Summersweet	18-24" Dia.	B&B, Full
CS	6	Cornus sericea	Redtwig Dogwood	18-24" Dia.	B&B, Full
VT	5	Viburnum trilobum	American Cranberrybush	18-24" Dia.	B&B, Full
PERENNIALS		BOTANICAL NAME	COMMON NAME	SIZE	SPACING
AA	25	Astilbe x arendsii 'Erica'	Erica Perennial Spirea	1 GAL.	18" o.c.
AF	40	Athyrium filix femina	Lady Fern	1 GAL.	18" o.c.
LM	30	Lamium maculatum 'Anne Greenaway'	Anne Greenaway Dead Nettle	1 GAL.	18" o.c.



**Burlington Greenway  
Rehabilitation  
Phase 2 Pause Places**  
Burlington, Vermont

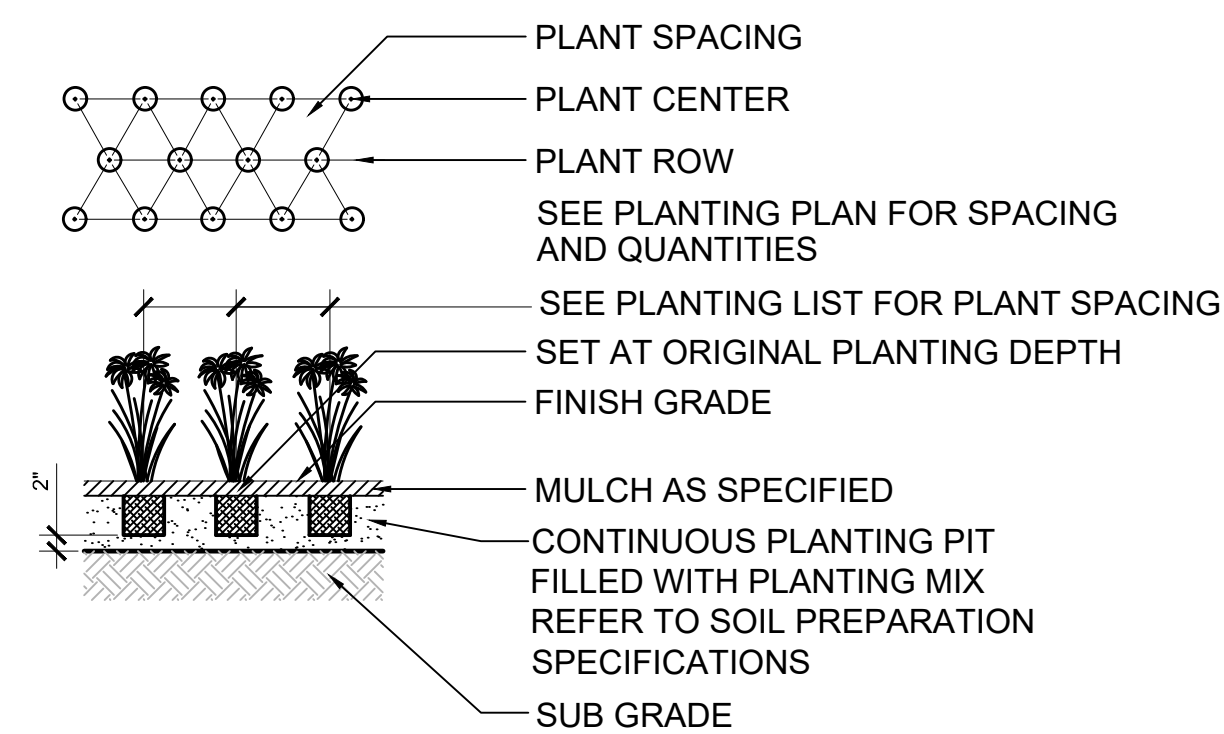
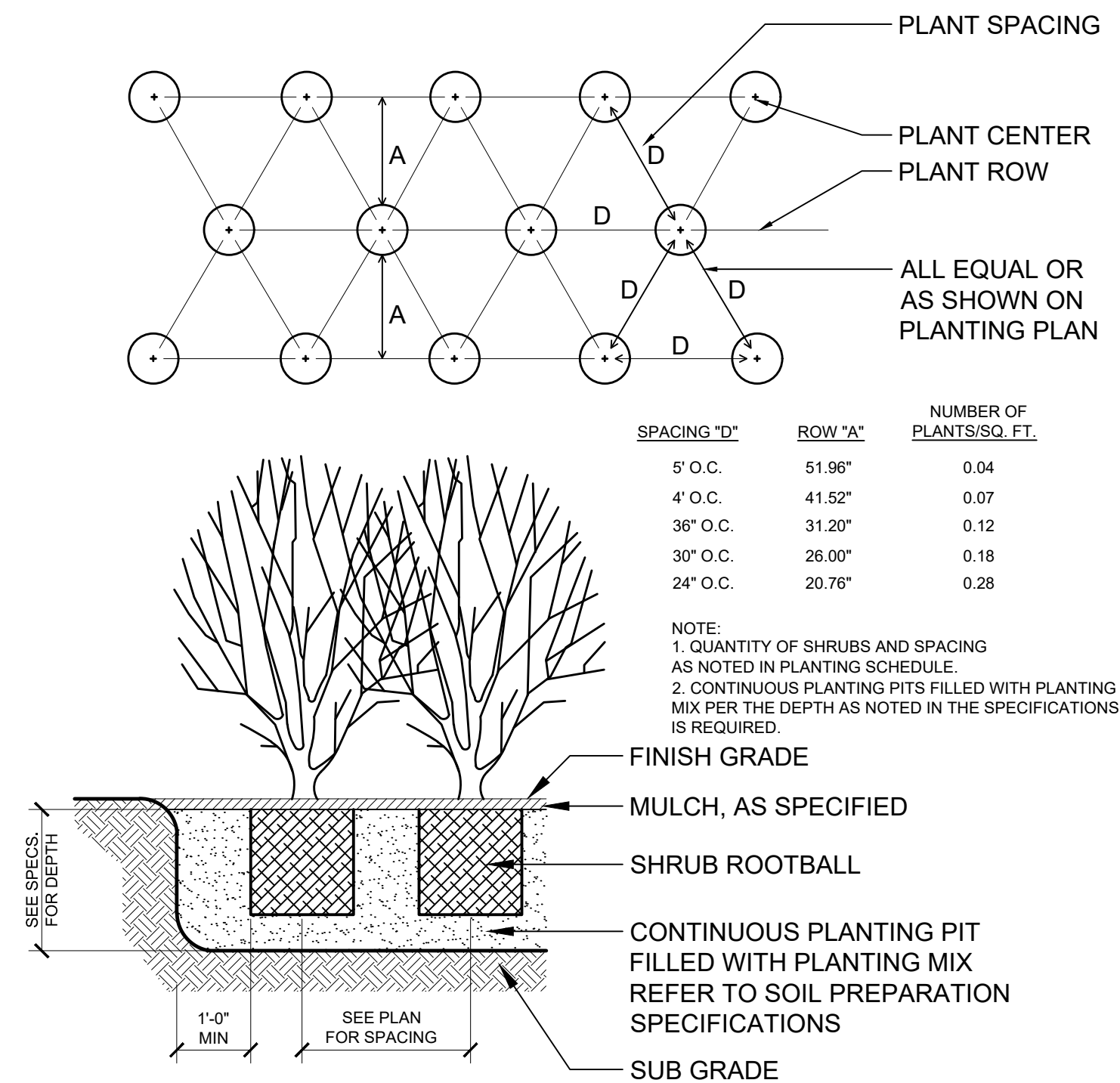
No.	Revision	Date	Appd.
Designed by		Checked by	
LET/MKW		MKW	
Issued for		Date	
Bid Set		January 15th, 2019	

Drawing Title  
**Planting Plan - Leddy Park**

Drawing Number

LA-4.00





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

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

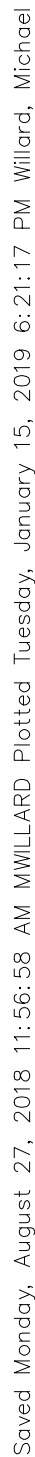


## ALL PLANTINGS AND BARK MUCH BY OTHERS

# Burlington Greenway Rehabilitation Phase 2 Pause Places Burlington, Vermont

[illegible]

# Planting Details



No.	Revision	Date	Approval

Designed by **LET/MKW**
Checked by **MKW**

Issued for \_\_\_\_\_ Date **January 15th, 2019**

## Drawing Title

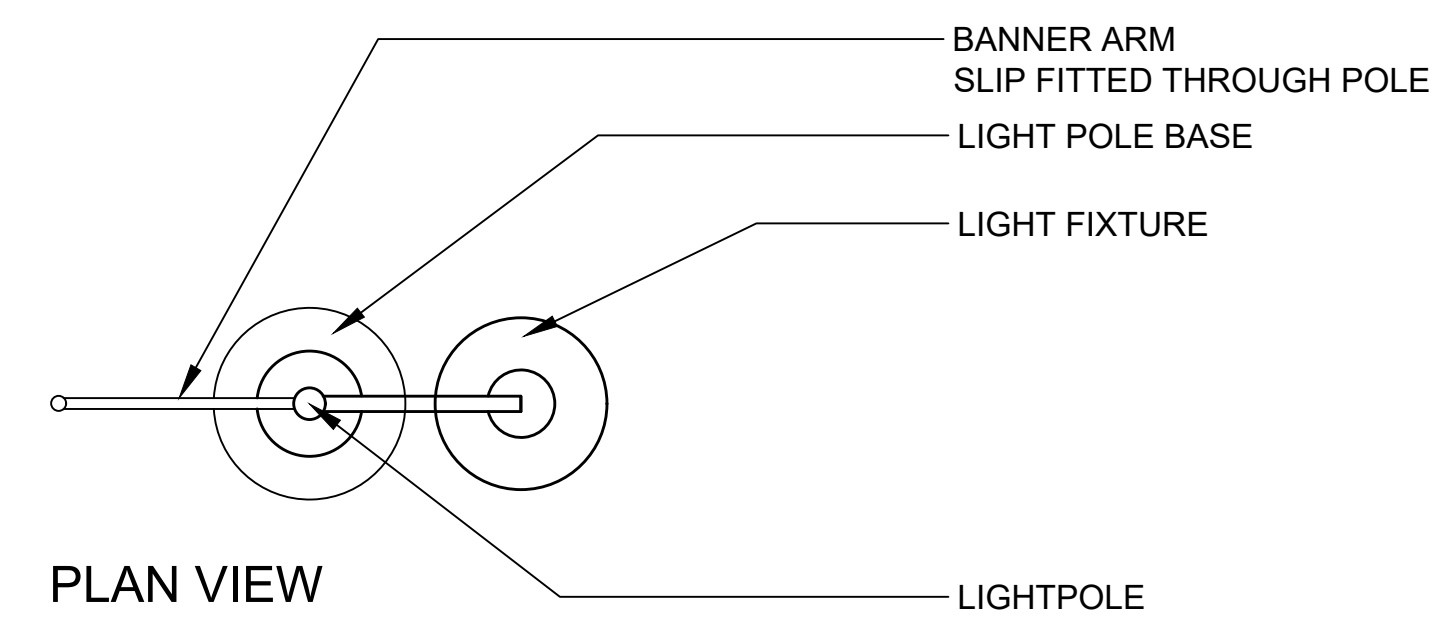
Drawing Number

**LA-5.00**

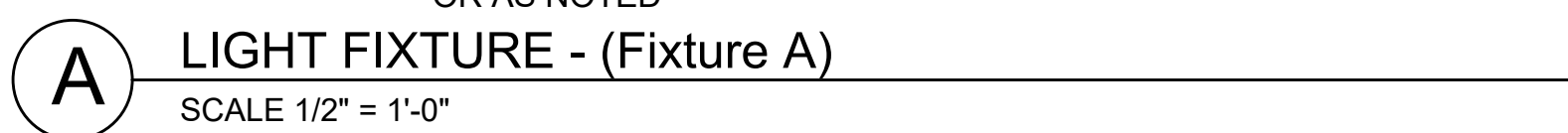
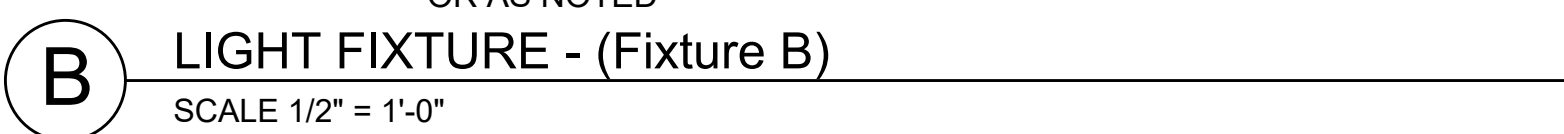
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Project Number  
**58049.00**





**C** LIGHT POLE BASE  
SCALE 1/2" = 1'-0" d-24 Flush-footing.dwg



No.	Revision	Date	App'd.

Designed by _____	Checked by _____
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Issued for _____	Date _____
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Bid Set

January 15th, 2019

Drawing Number

# LA-5.01

Project Number  
**58049.00**

SEE SHEET C-1.01

SEE SHEET C-1.02

SEE SHEET C-1.03

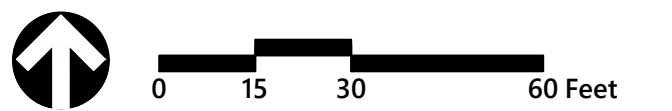
SEE SHEET C-1.04

## EROSION CONTROL NOTES

1. CONTACT CITY OF BURLINGTON DPW STORMWATER ADMINISTRATOR AT LEAST 24 HOURS PRIOR TO START OF CONSTRUCTION ACTIVITY (802) 540-1748.
2. INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO EARTH DISTURBANCE. EROSION CONTROL MEASURES SHALL BE INSPECTED AND REPAIRED DAILY IN ORDER TO MINIMIZE THE DISCHARGE OF SEDIMENT TO THE CITY DRAINAGE SYSTEM. MAINTAIN SEDIMENT CONTROLS UNTIL SITE IS FULLY STABILIZED.
3. THE ACCESS POINTS TO THE PROJECT AND NEARBY PORTIONS OF SURROUNDING CITY STREETS SHALL BE INSPECTED DAILY AND PRIOR TO FORECAST PRECIPITATION EVENTS. SEDIMENT DEPOSITED BY VEHICLE TRACKING SHALL BE REMOVED BY SWEEPING AS NEEDED AND PRIOR TO FORECAST PRECIPITATION.
4. NO VEHICLE OR EQUIPMENT PARKING OR MATERIAL STAGING SHALL OCCUR WITHIN THE CITY ROW WITHOUT PERMISSION FROM THE CITY OF BURLINGTON DEPARTMENT OF PUBLIC WORKS.
5. THE NEW AND EXISTING STORMWATER DRAINAGE SYSTEM SHALL BE FREE FROM SEDIMENT AND CONSTRUCTION DEBRIS AT THE COMPLETION OF CONSTRUCTION, AND PRIOR TO TRANSFER OF THE SITE TO THE OWNER.
6. DISTURBED AREAS SHALL BE STABILIZED WITH TOPSOIL, SEED AND MULCH, STONE, CONCRETE, PAVEMENT, OR OTHER APPROVED MEANS WITHIN 14 DAYS OF INITIAL DISTURBANCE.
7. SILT FENCE OR OTHER APPROVED SILT BARRIER SHALL BE INSTALLED AT THE DOWNSLOPE PERIMETER OF ALL SOILS STOCKPILES.
8. THE CONTRACTOR SHALL TAKE ALL REASONABLE MEANS NECESSARY TO KEEP THE NEW STORMWATER SYSTEM FREE OF SEDIMENT AND DEBRIS DURING THE CONSTRUCTION PERIOD. DO NOT ALLOW RUNOFF FROM DISTURBED AREAS TO DRAIN THESE FEATURES UNTIL THEY HAVE RECEIVED FINAL STABILIZATION.



40 IDX Drive, Building 100  
Suite 200  
South Burlington, VT 05403



## Burlington Greenway Rehabilitation Phase 2 Pause Places Burlington, Vermont

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Issued for	Bid Documents	Date	January 15, 2019

Drawing Title  
**Overall Sheeting Plan -  
Leddy Park**

Drawing Number

**C-1.00**

Project Number  
**58049.00**



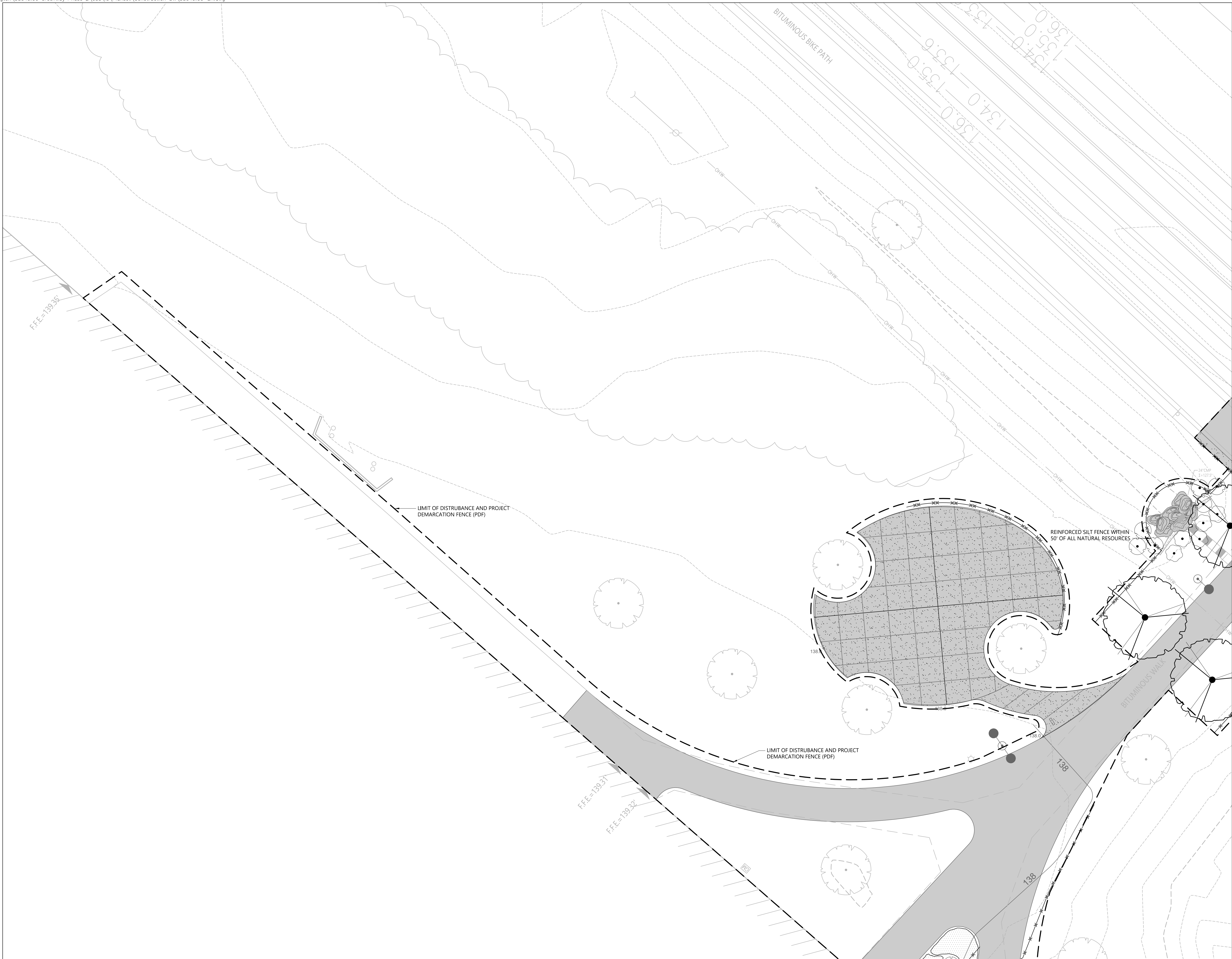
No.	Revision	Date	Appvd.

Drawing Title

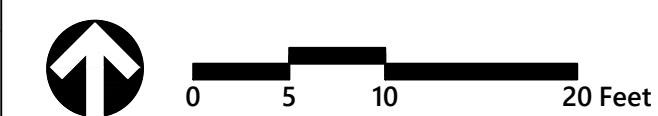
**EPSC Plan - Leddy Park**

# C-1.01

Project Number  
**8049.00**



40 IDX Drive, Building 100  
Suite 200  
South Burlington, VT 05403



# Burlington Greenway Rehabilitation Phase 2 Pause Places Burlington, Vermont

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Drawing Title

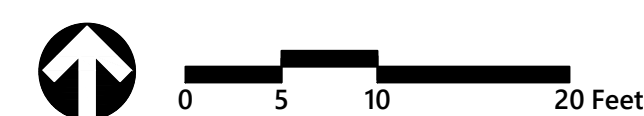
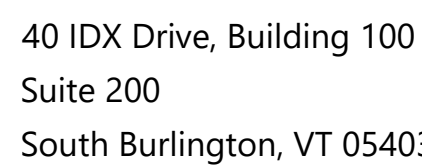
**EPSC Plan - Leddy Park**

Drawing Number

**C-1.02**

Project Number  
**58049.00**





# Burlington Greenway Rehabilitation Phase 2 Pause Places Burlington, Vermont

No.	Revision	Date	Approved
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Issued for <b>Bid Documents</b>		Date <b>January 15, 2019</b>	

Drawing Title  
**EPSC Plan - Leddy Park**

Drawing Number

**C-1.03**

Project Number  
**58049.00**

No.	Revision	Date	Appvd.

Drawing Title

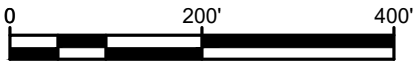
**EPSC Plan - Leddy Park**

# C-1.04

Project Number  
**8049.00**







SCALE: 1" = 200'



Leddy Park Arena  
Project Overview

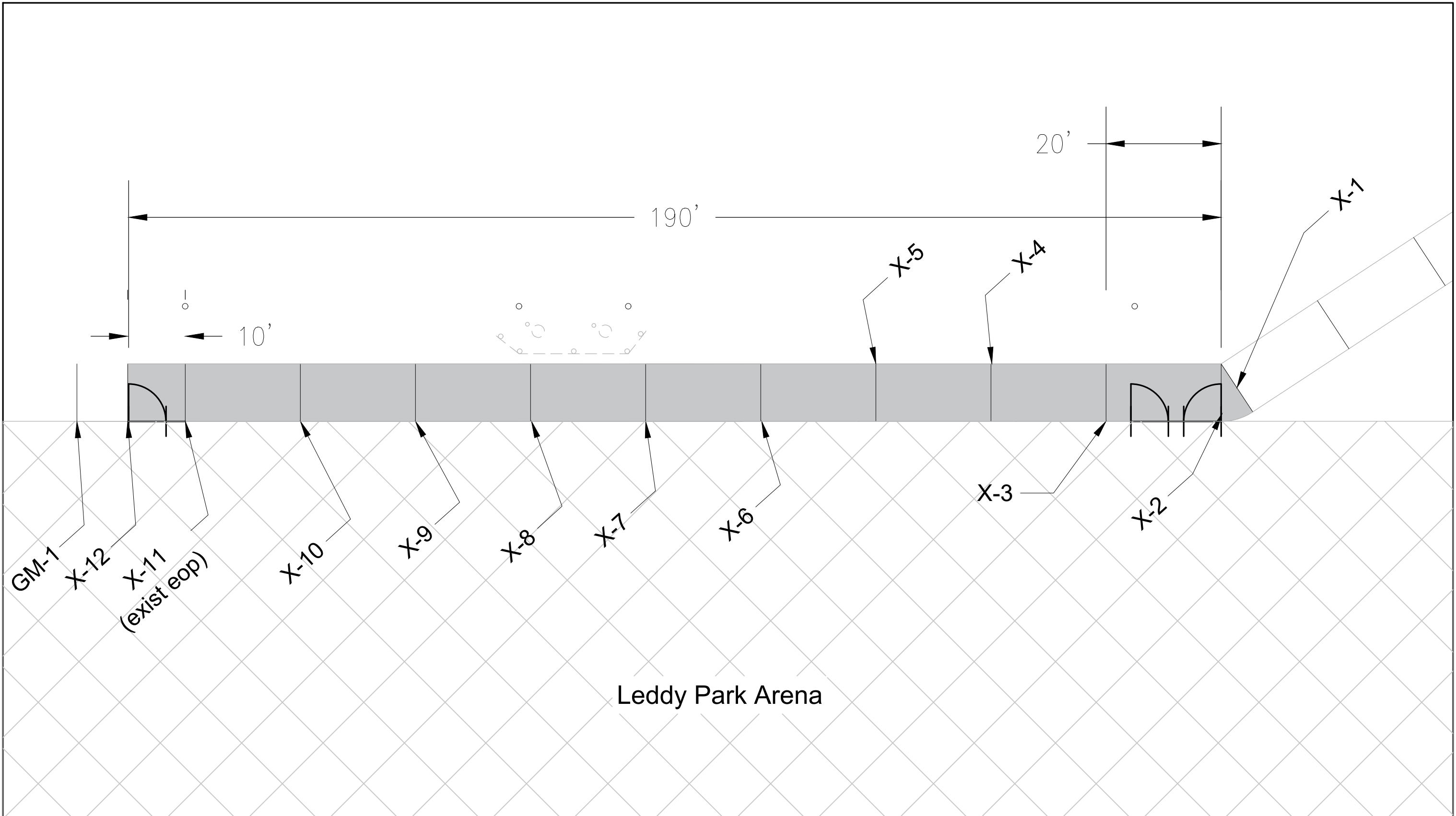


**BURLINGTON  
PUBLIC WORKS  
ENGINEERING DIV.**

645 PINE STREET  
BURLINGTON, VT 05401  
(802) 863-9094  
(802) 863-0466 (Fax)

DESIGNED C.JL	SCALE 1"=200'
DRAWN C.JL	DRAWING NO.
CHECKED XXX	
DATE 09/25/2018	SHEET 1 OF 6





SCALE: 1/16" = 1'



Leddy Park Arena  
Project Overview



**BURLINGTON  
PUBLIC WORKS  
ENGINEERING DIV.**

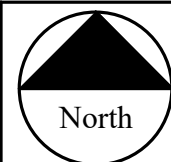
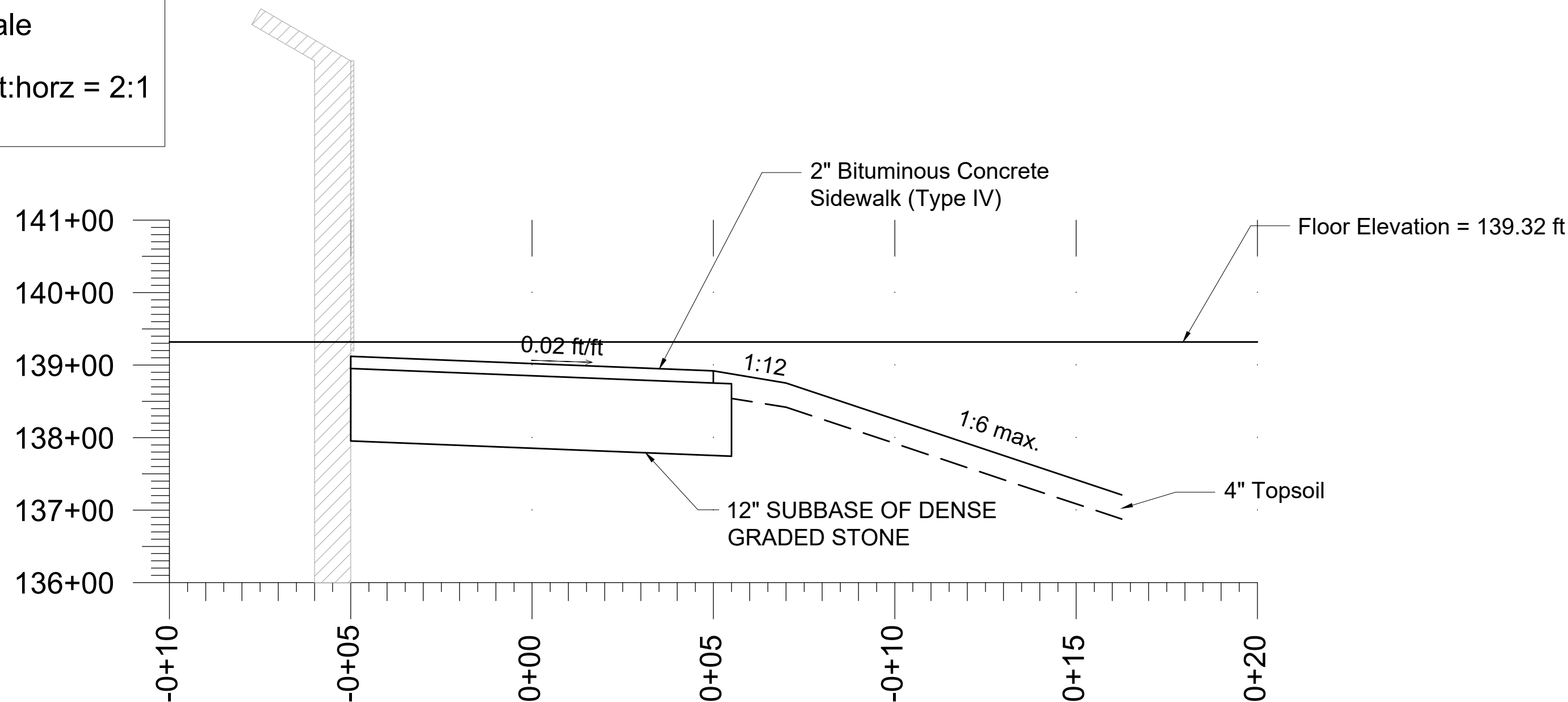
645 PINE STREET  
BURLINGTON, VT 05401  
(802) 863-9094  
(802) 863-0466 (Fax)

DESIGNED CJL	SCALE 1/16"=1'
DRAWN CJL	DRAWING NO.
CHECKED XXX	
DATE 08/14/2018	SHEET 2 OF 6



# Typical X-Section

Scale  
vert:horz = 2:1



Leddy Park Arena  
Typical Cross section

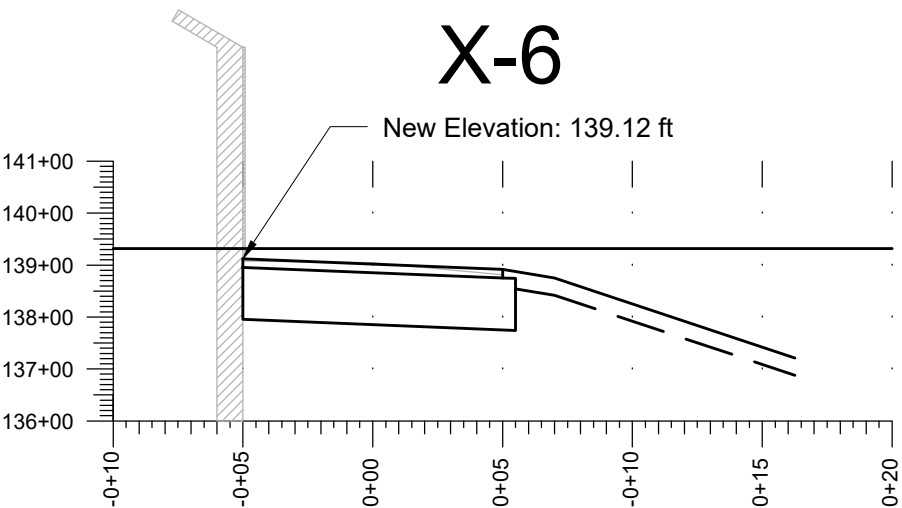
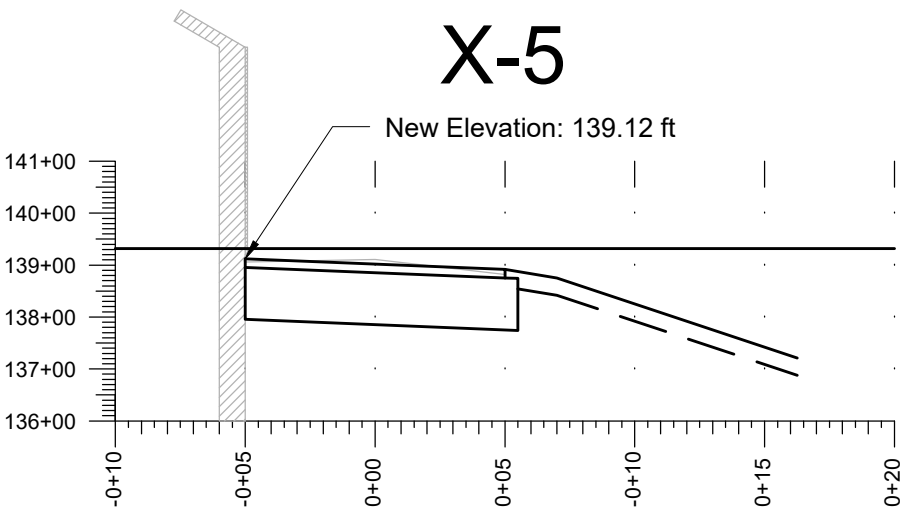
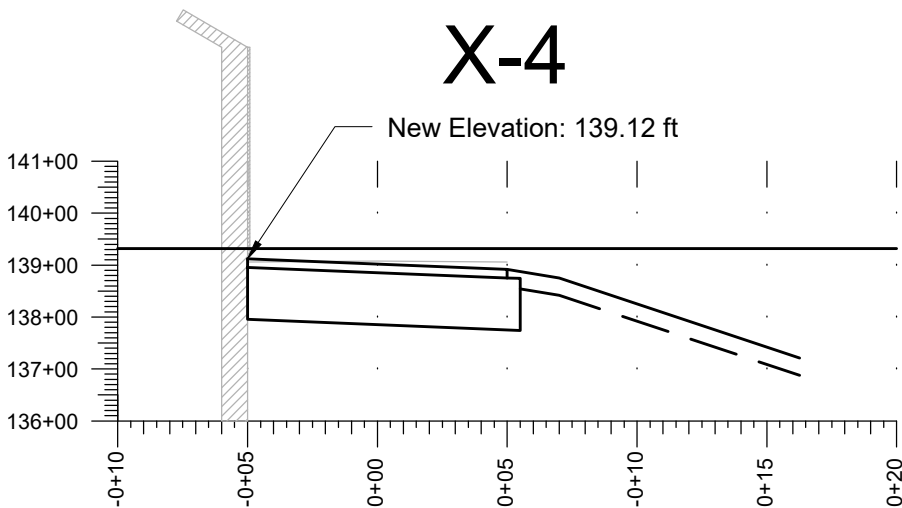
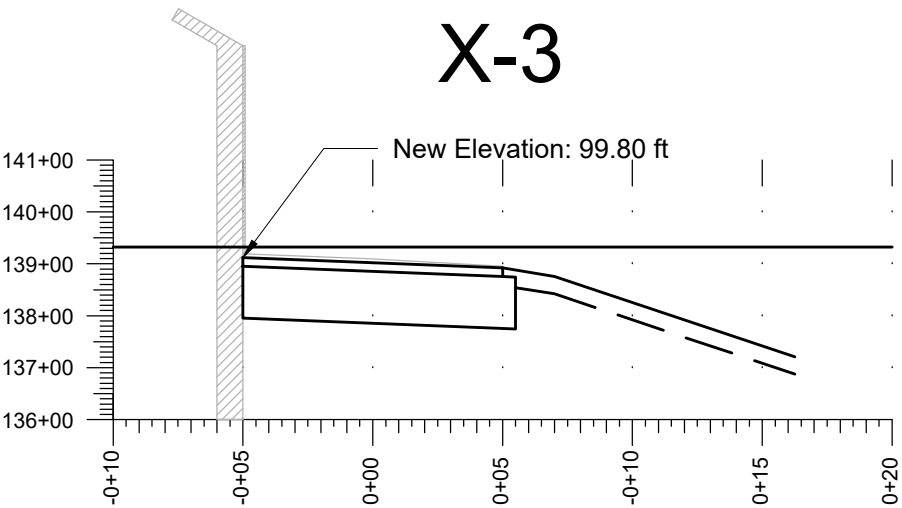
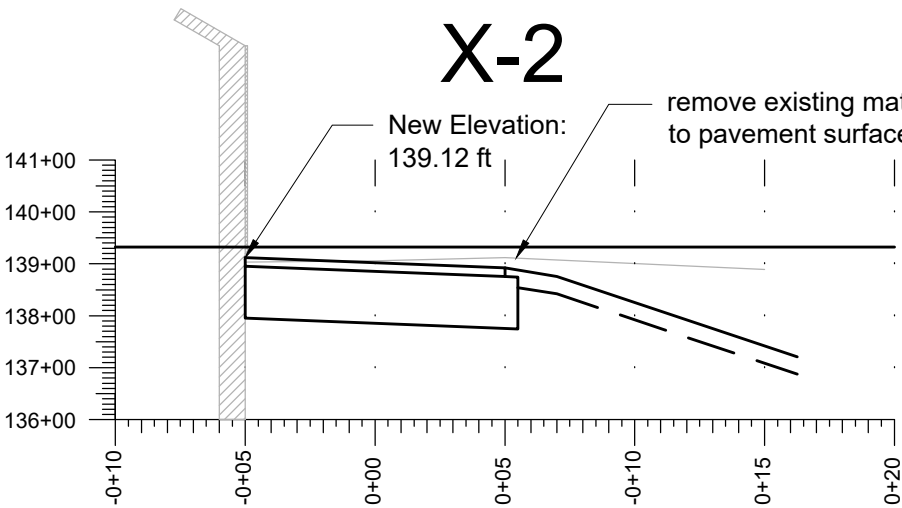
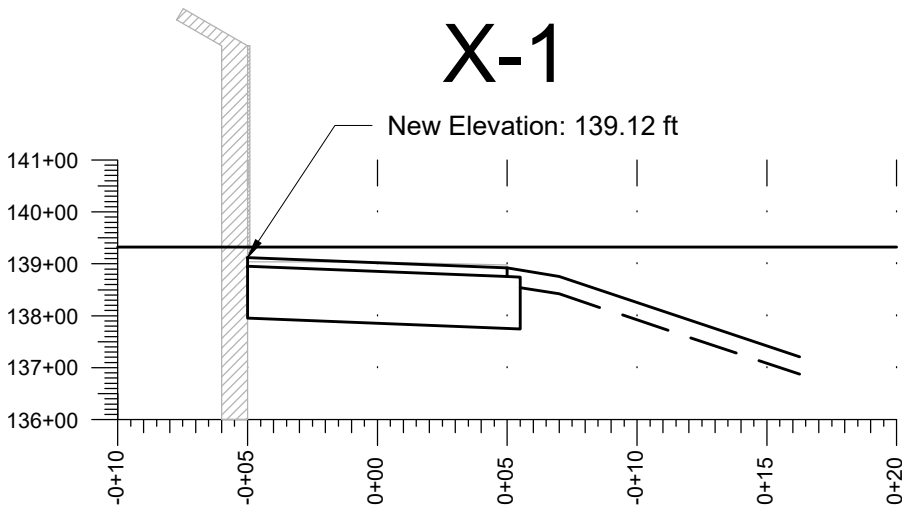


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DRAWN CJL	SCALE
CHECKED XXX	DRAWING NO.
DATE 10/10/2018	SHEET 3 OF 6

# Flat to Slope (-0.50%)



Leddy Park Arena  
Typical Cross section



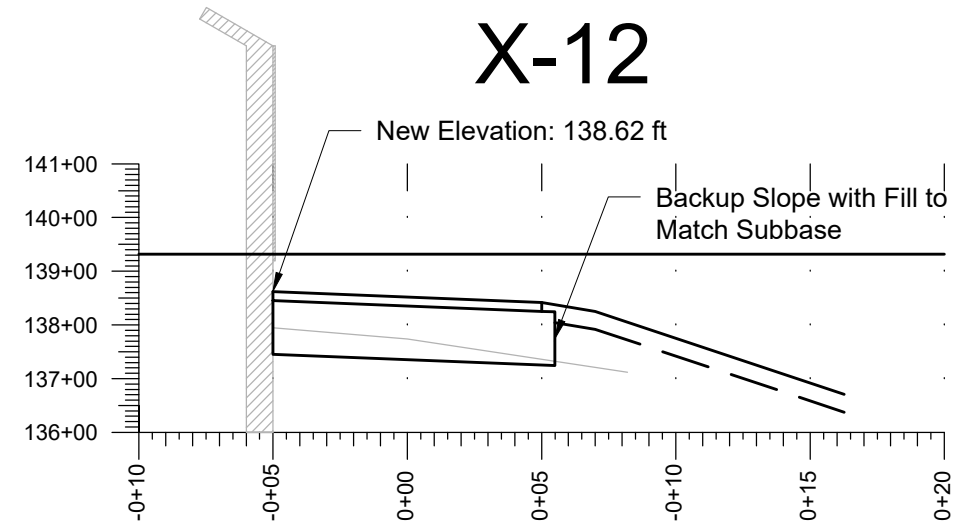
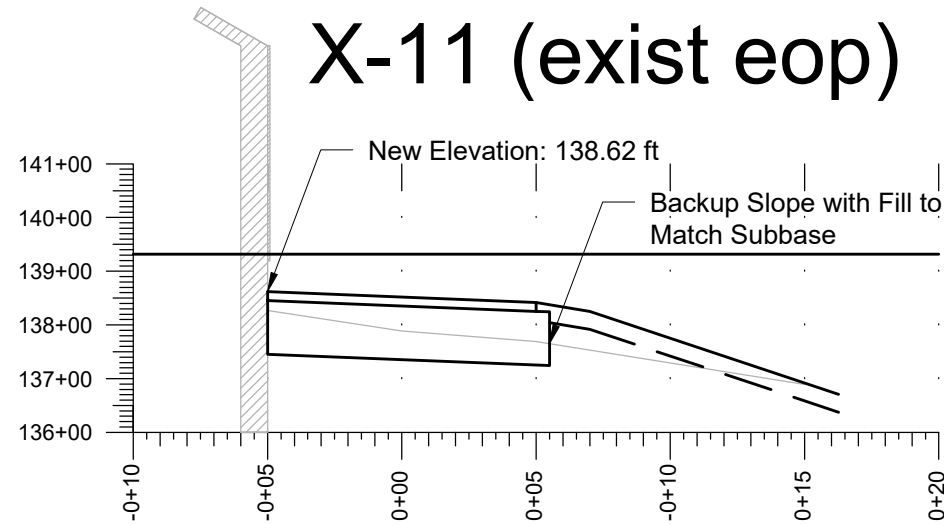
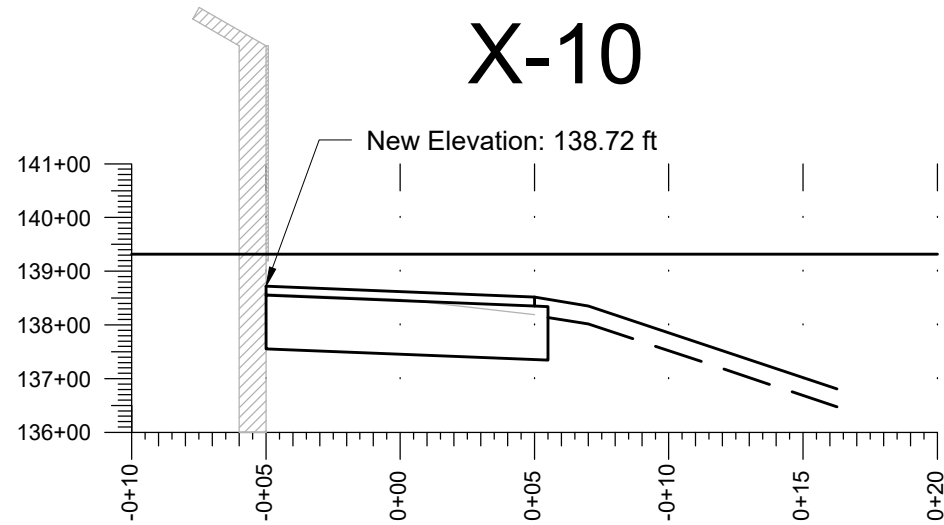
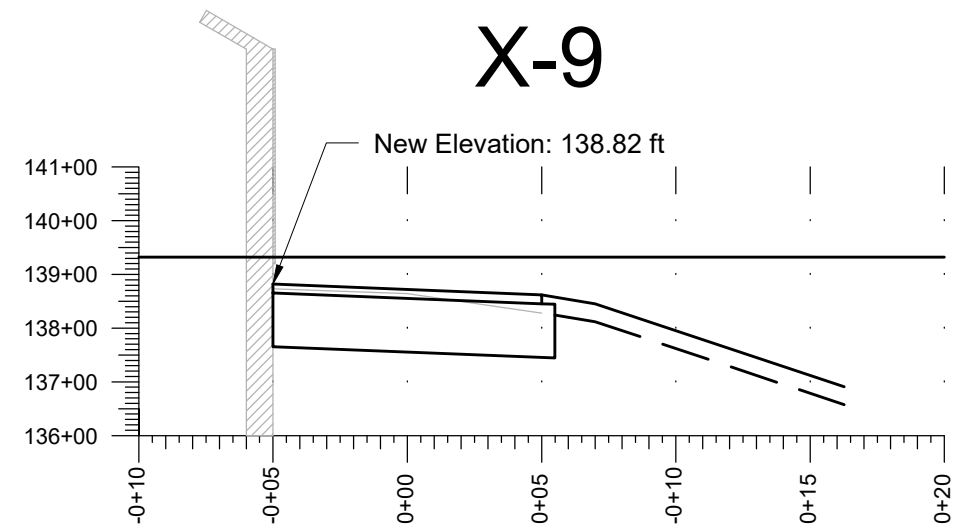
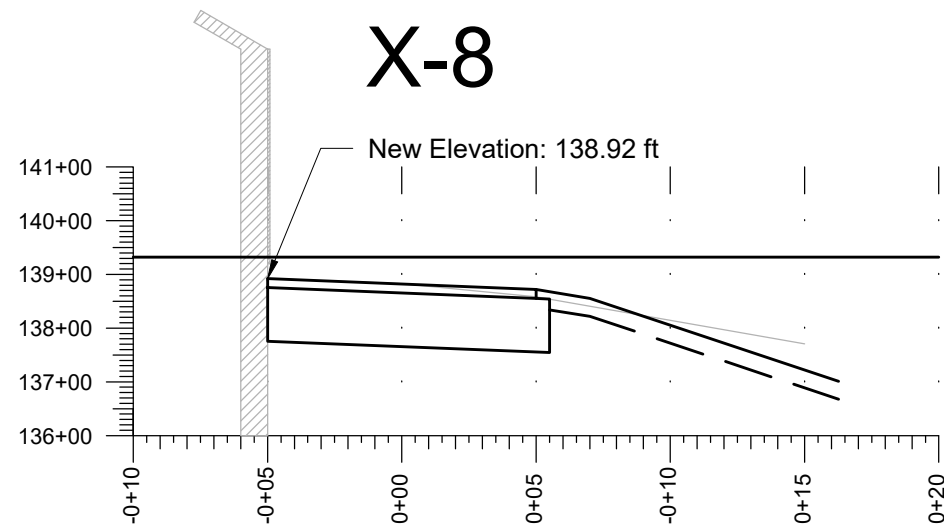
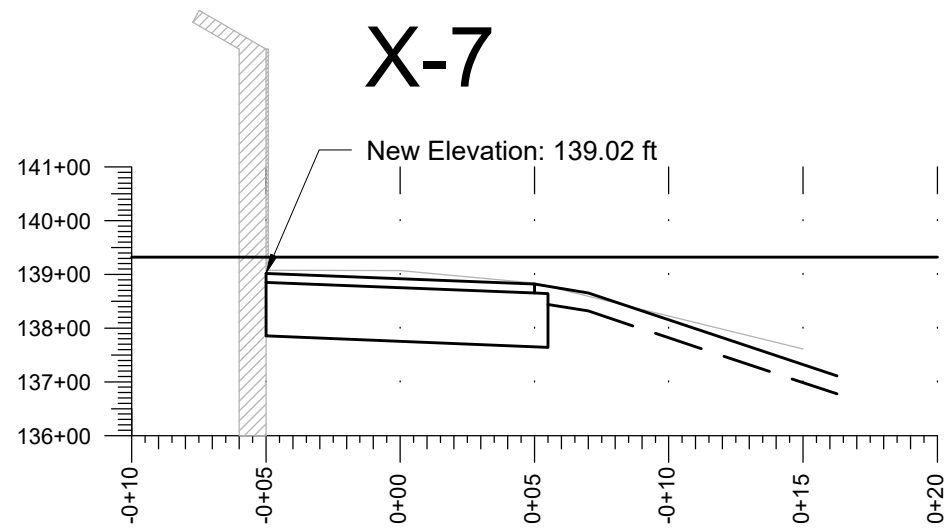
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DATE 08/14/2018	SHEET 4 OF 6



# Flat to Slope (-0.50%)



Leddy Park Arena  
Typical Cross section

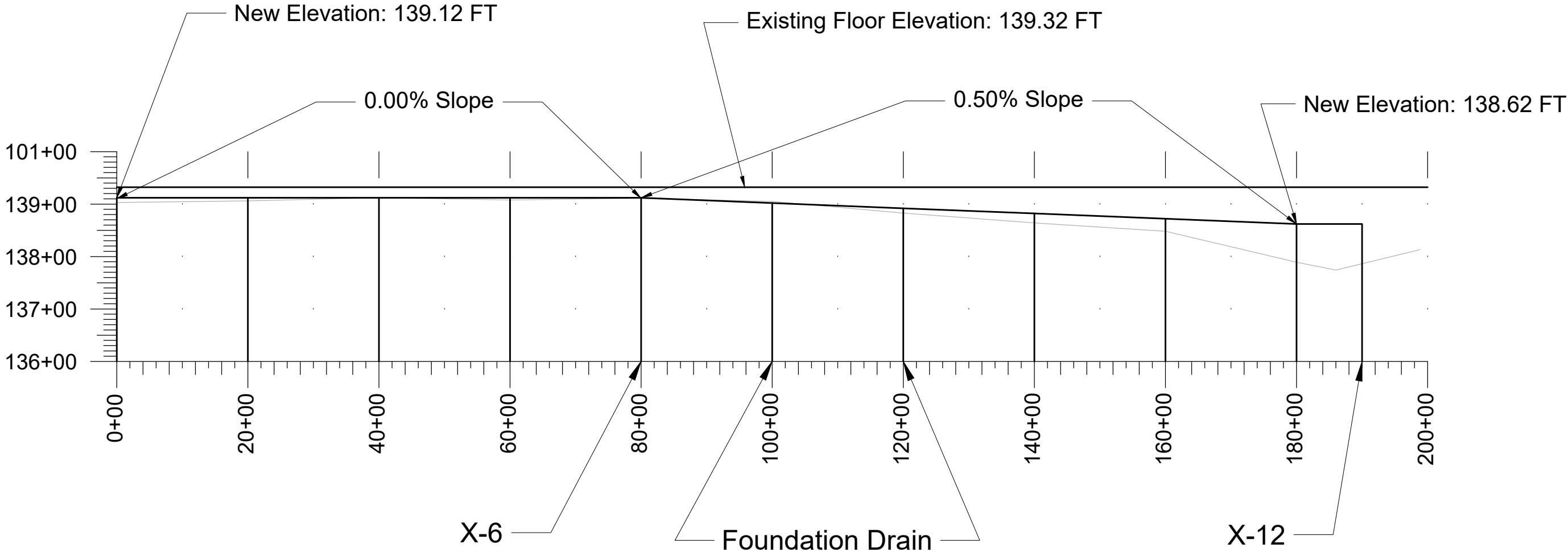


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# X-2 to GM-1 (Slope)



Leddy Park Arena  
Sidewalk Grades



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DATE 8/28/2018	SHEET 6 OF 6