

Level Spreader Relocation Plans

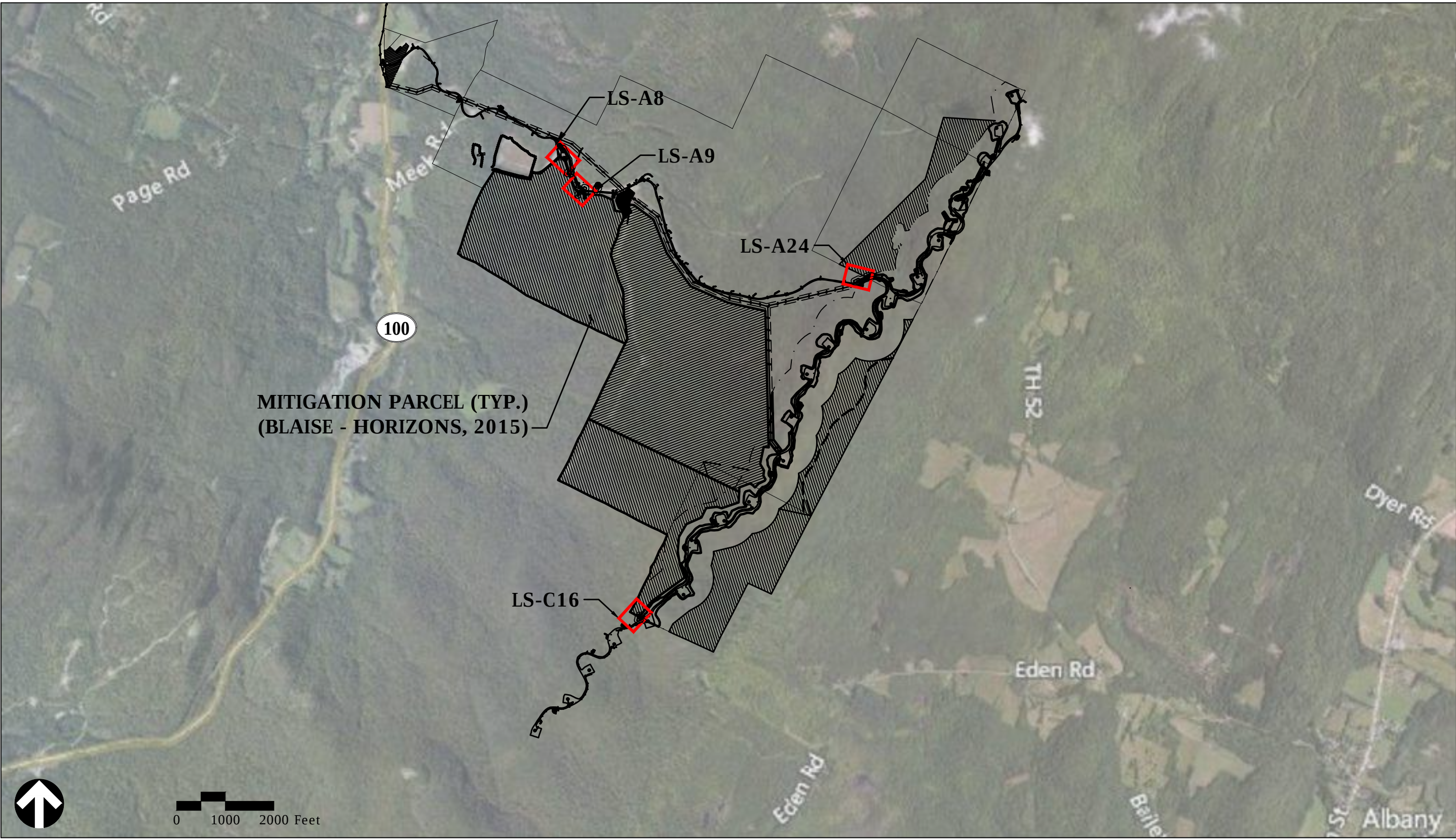
Issued for **Permitting**
Date Issued **May 29, 2020**
Latest Issue

Kingdom Community Wind Farm

Lowell, Vermont

Owner

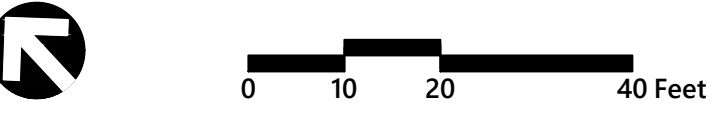
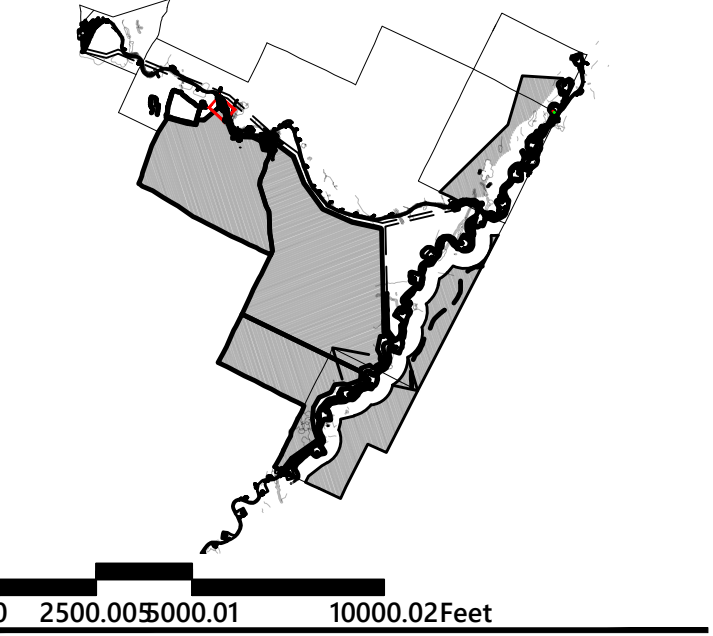
Green Mountain Power
163 Acorn Ln
Colchester, VT 05446



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No.	Drawing Title	Latest Issue
C-00	Notes and Legend	May 29, 2020
C-01	Level Spreader Relocation Plans - LS-A8	May 29, 2020
C-02	Level Spreader Relocation Plans - LS-A9	May 29, 2020
C-03	Level Spreader Relocation Plans - LS-A24	May 29, 2020
C-04	Level Spreader Relocation Plans - LS-C16	May 29, 2020
D-01	Construction Details	May 29, 2020

Reference Drawings		
No.	Drawing Title	Latest Issue
Sv-1	KCW ALTA Survey (Blaise - Horizons)	August 18, 2015
Sv-2	Level Spreader Surveys (VHB)	October 3, 2019





**Green Mountain Power
Kingdom Community
Wind Farm**

Lowell, Vermont

No.	Revision	Date	Appvd.

Designed by	JMD	Checked by	RAW
Issued for		Date	May 29, 2020

Permitting

Not Approved for Construction

Drawing Title

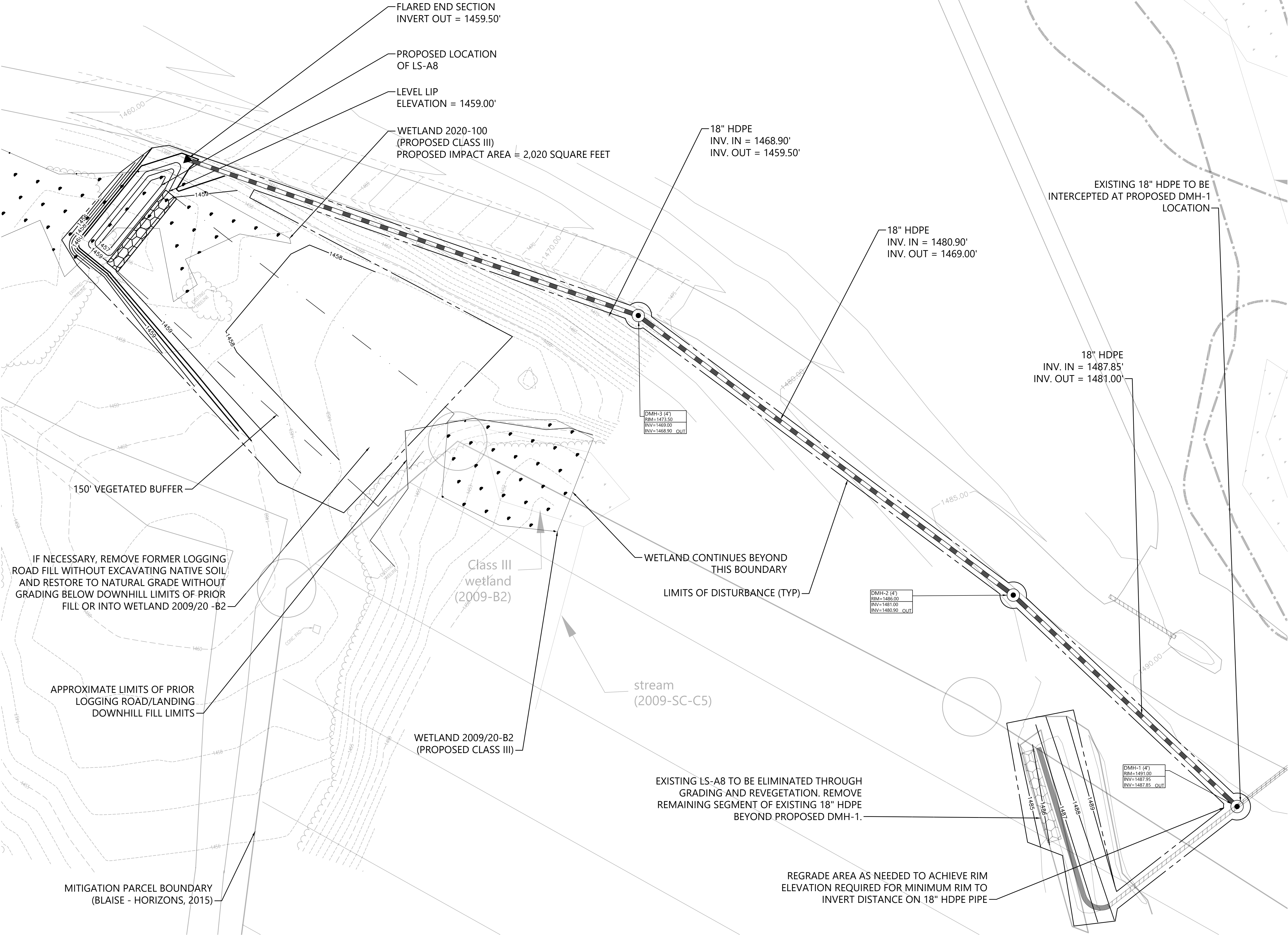
**Level Spreader
Relocation Plans
LS-A8**

Drawing Number

C-01

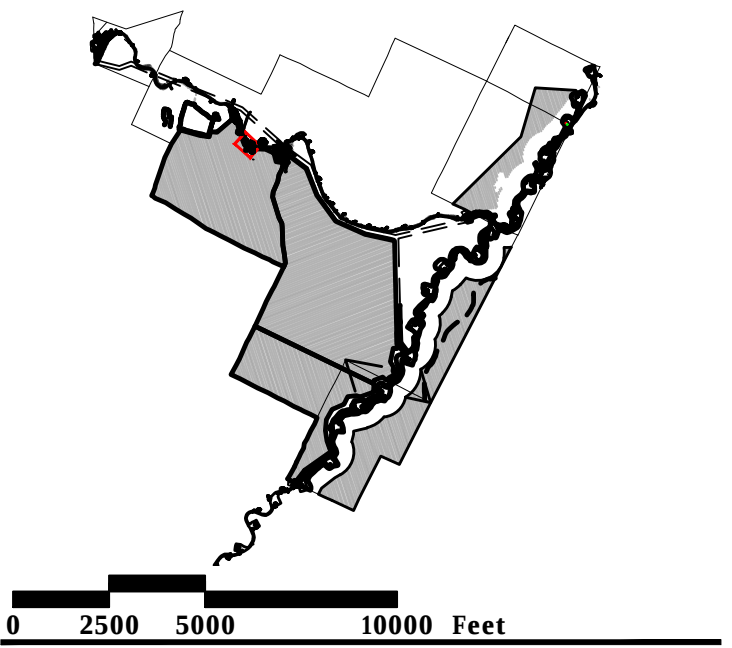
Sheet 2 of 6

Project Number
57346.11





40 IDX Dr
Building 100 Suite 200
South Burlington, VT 05403
802.497.6100



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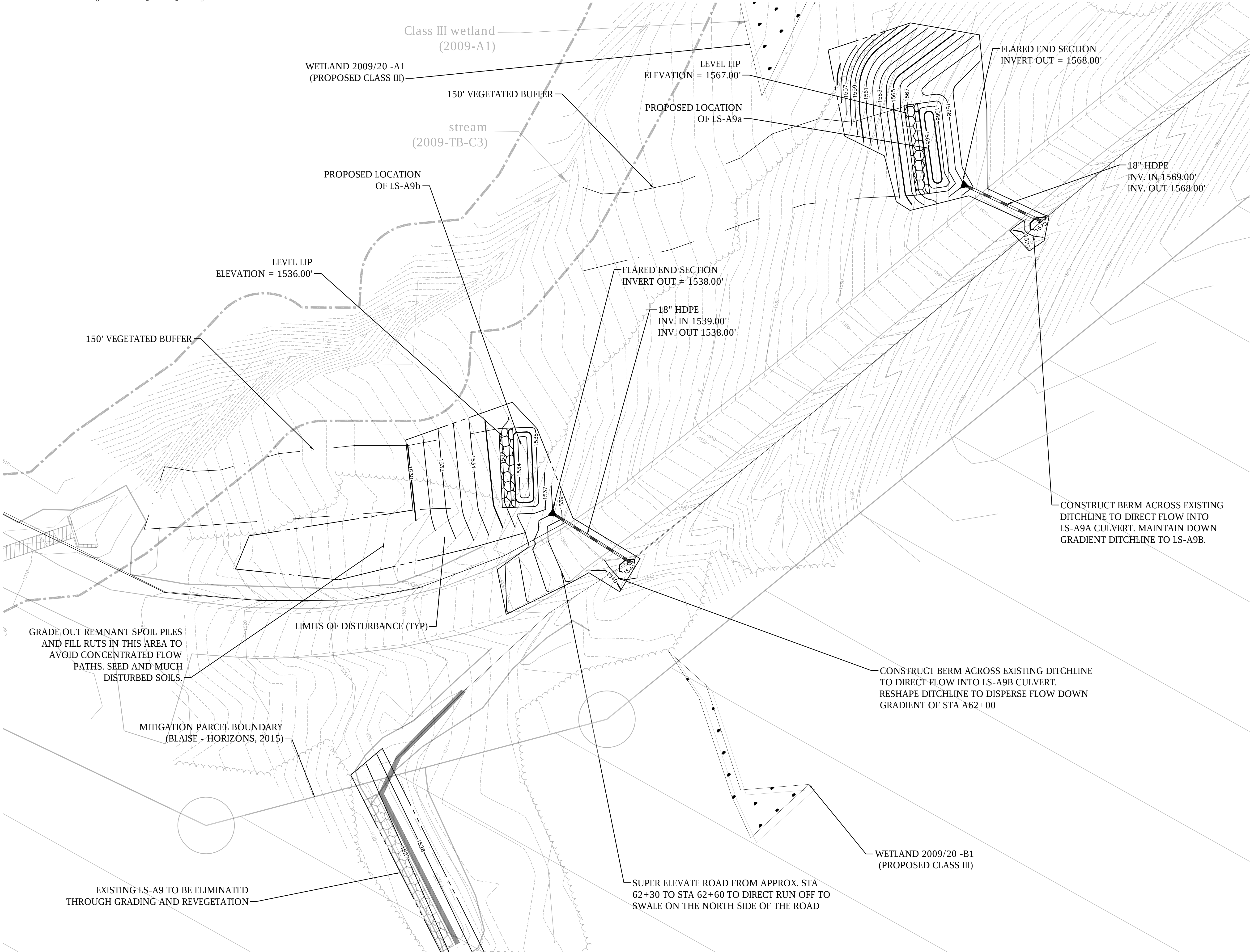
Drawing Title
**Level Spreader
Relocation Plans
LS-A9**

Drawing Number

C-02

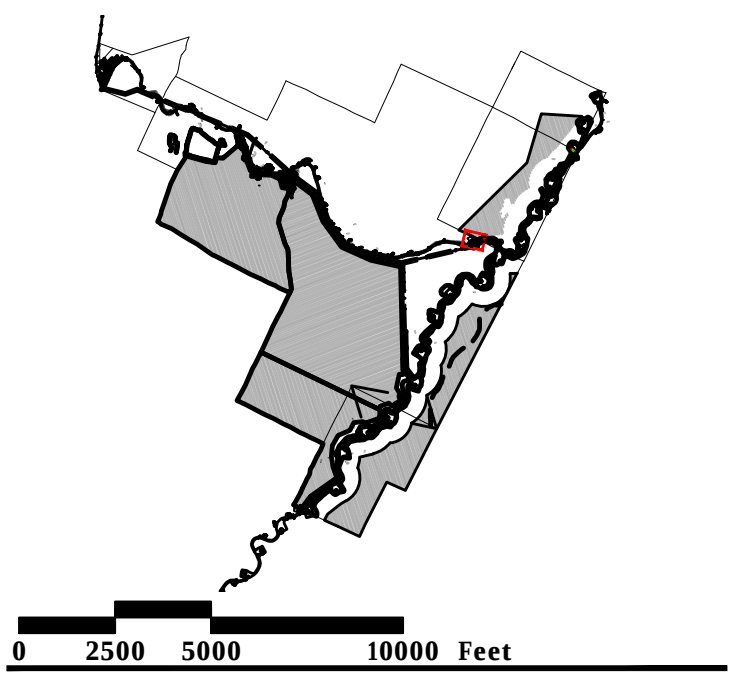
Sheets 3 of 6

Project Number
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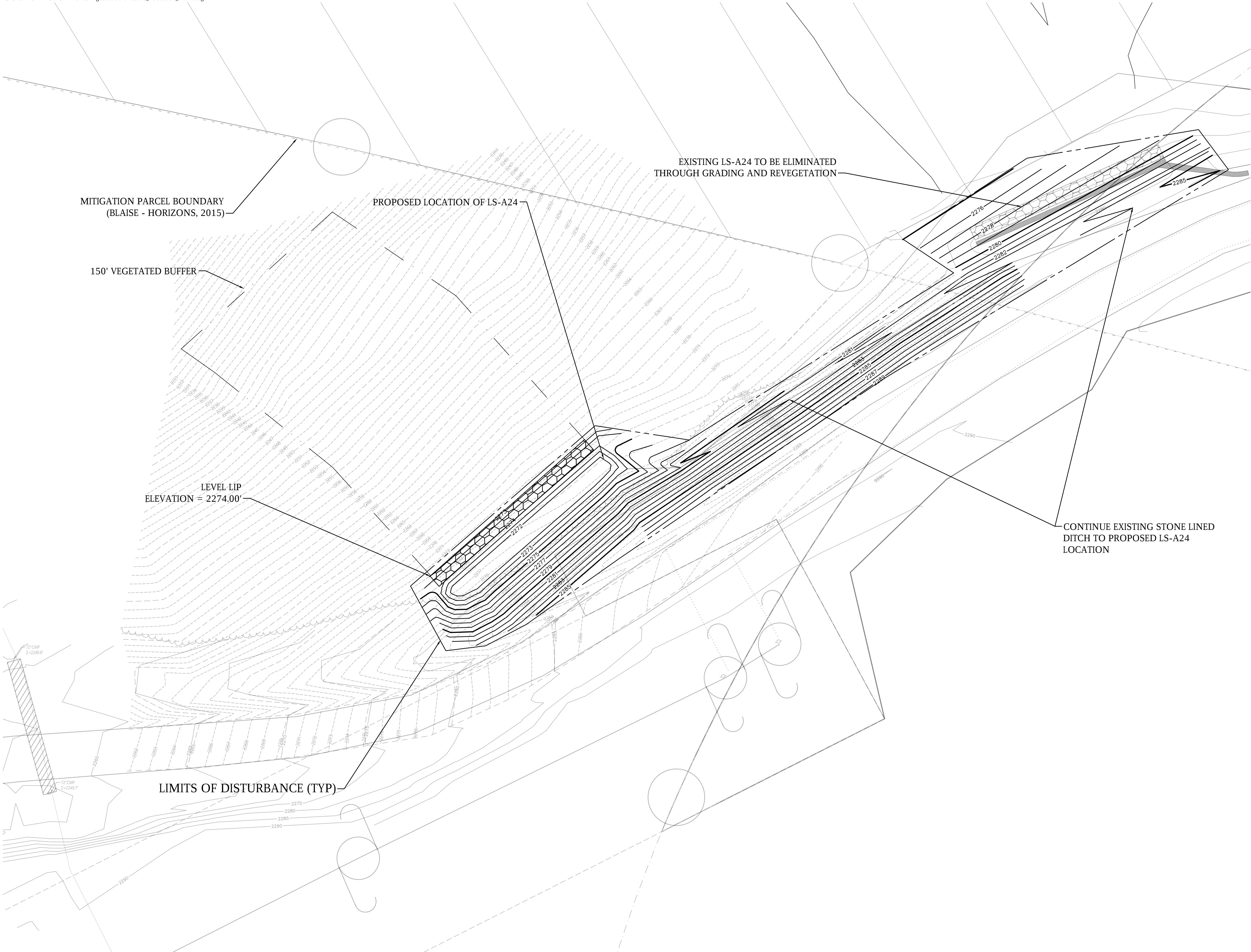
Drawing Title
**Level Spreader
Relocation Plans
LS-A24**

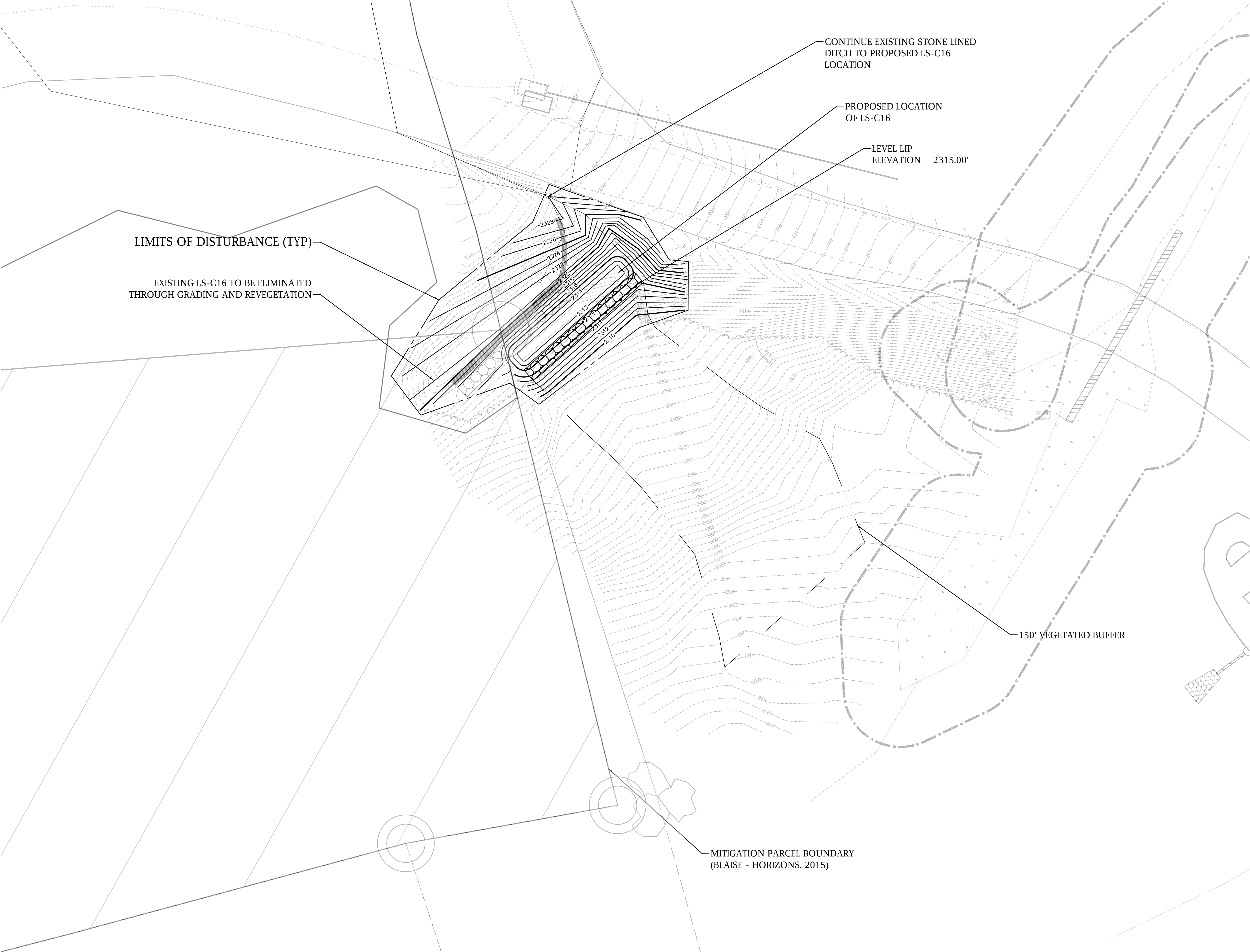
Drawing Number

C-03

Sheets of
4 6

Project Number
57346.11

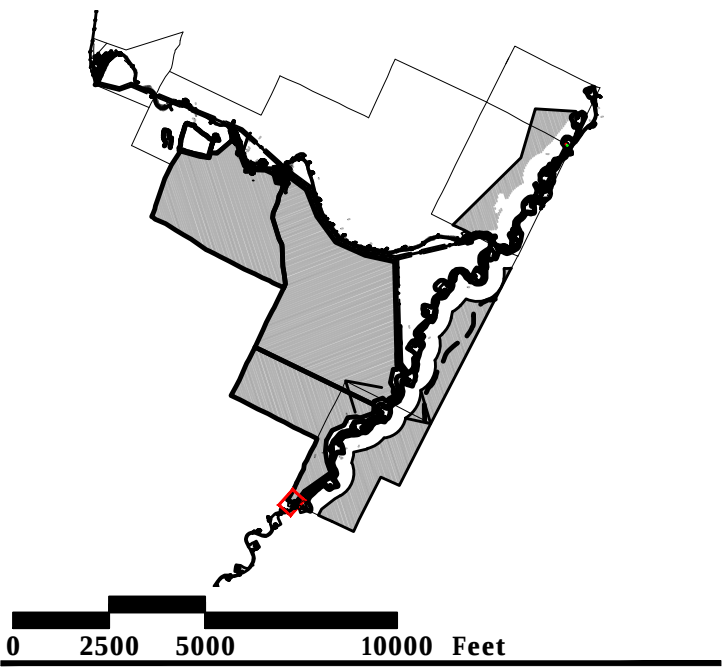






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Drawing Title

**Level Spreader
Relocation Plans
LS-C16**

Drawing Number

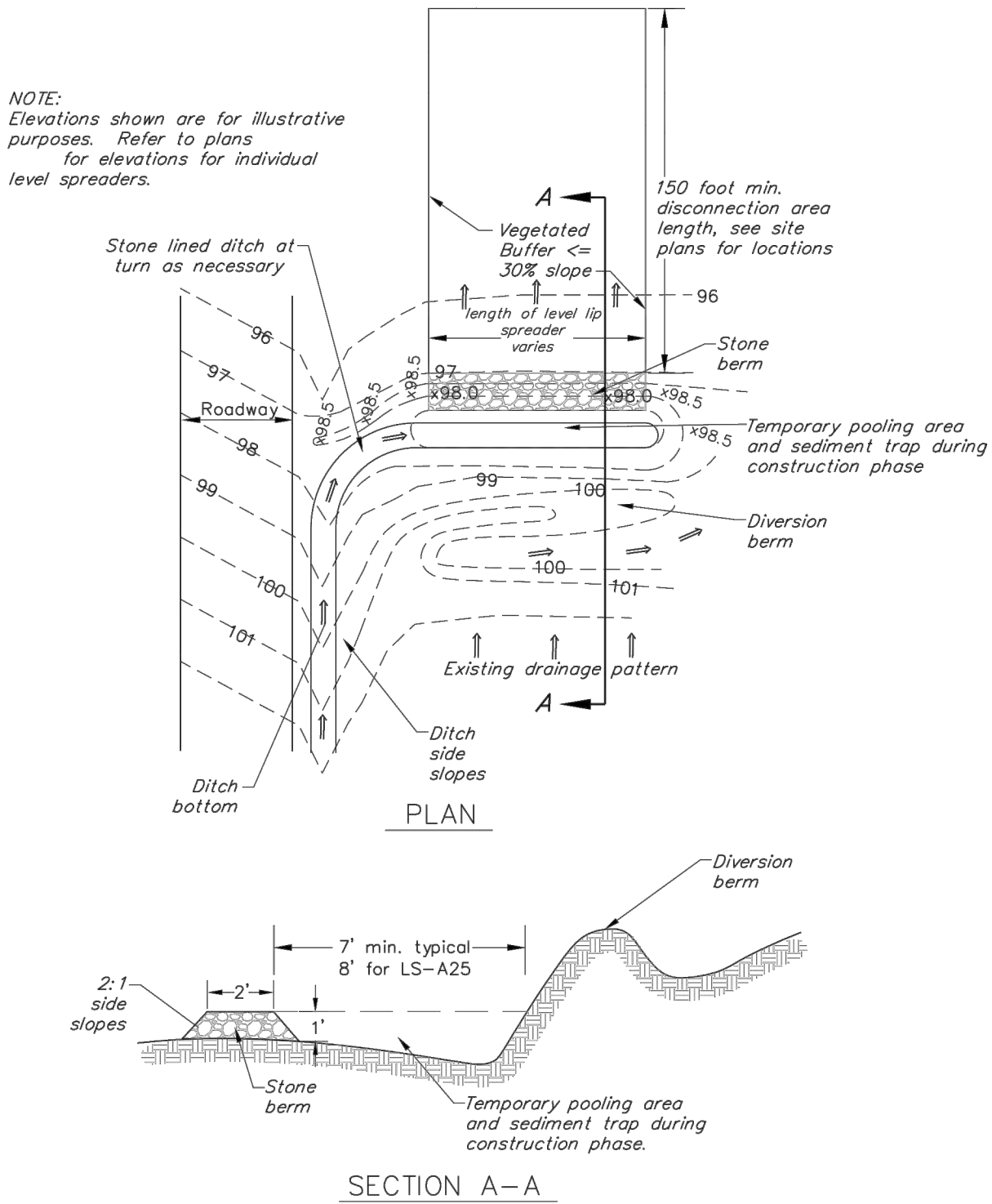
C-04

Sheets of
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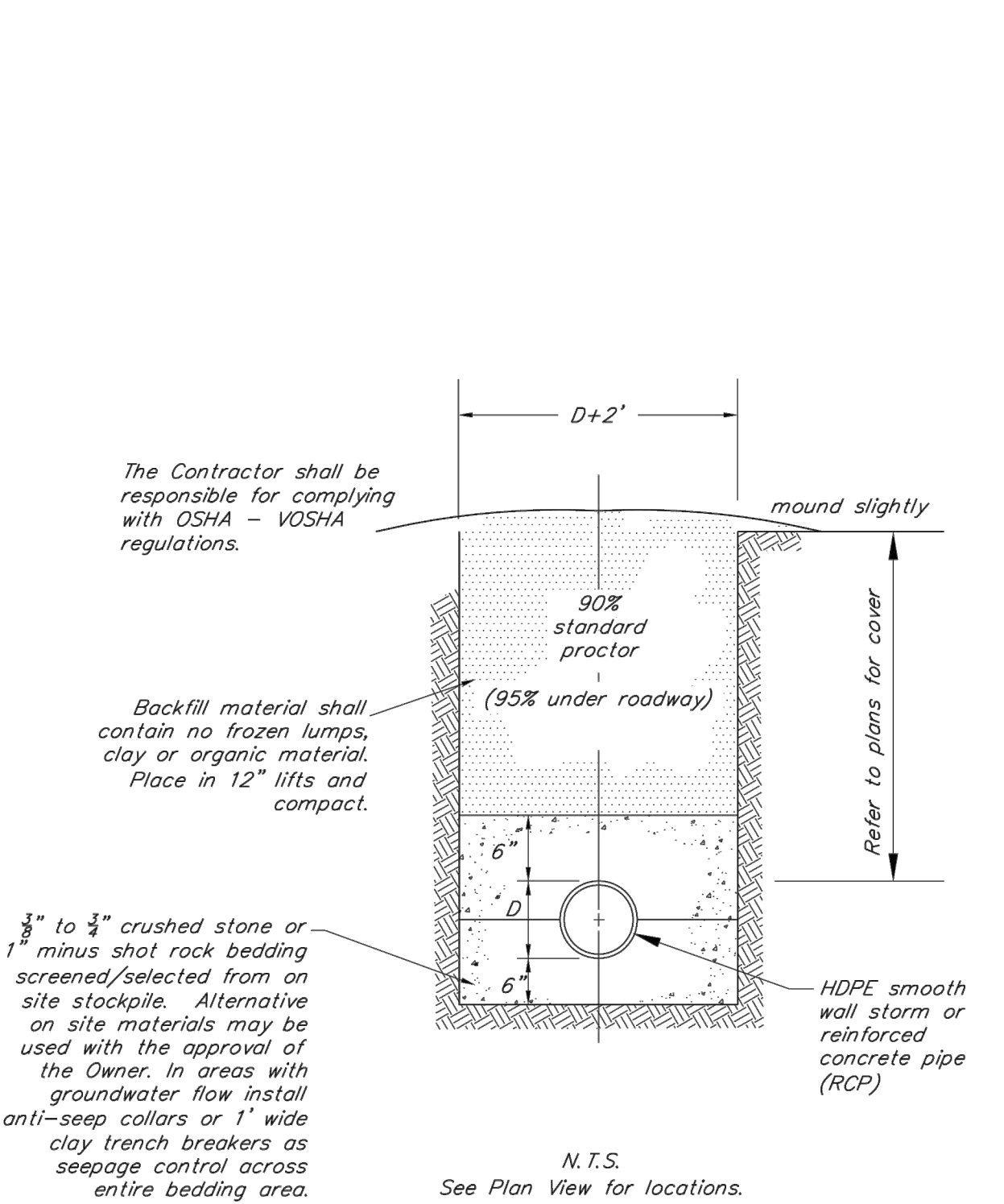
Project Number
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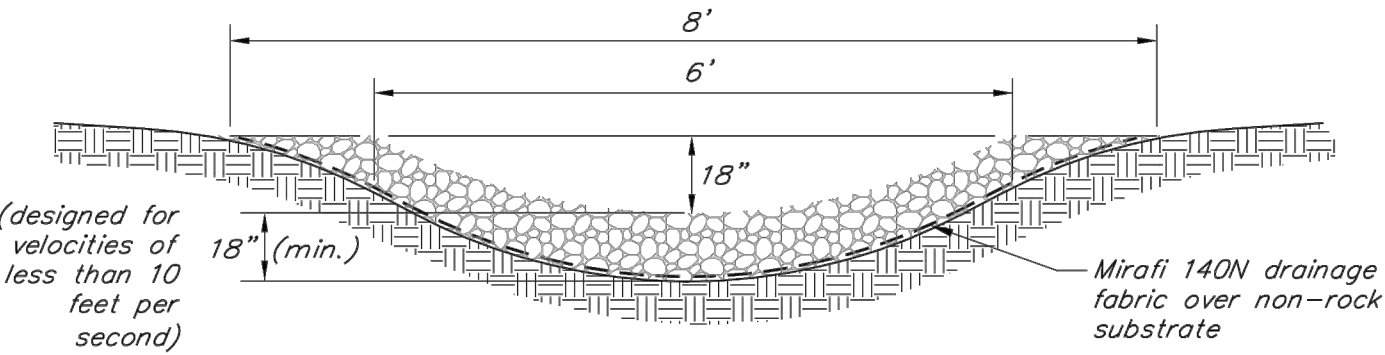
Level Lip Spreader Detail 10/19
N.T.S. Source: Adapted from Krebs & Lansing



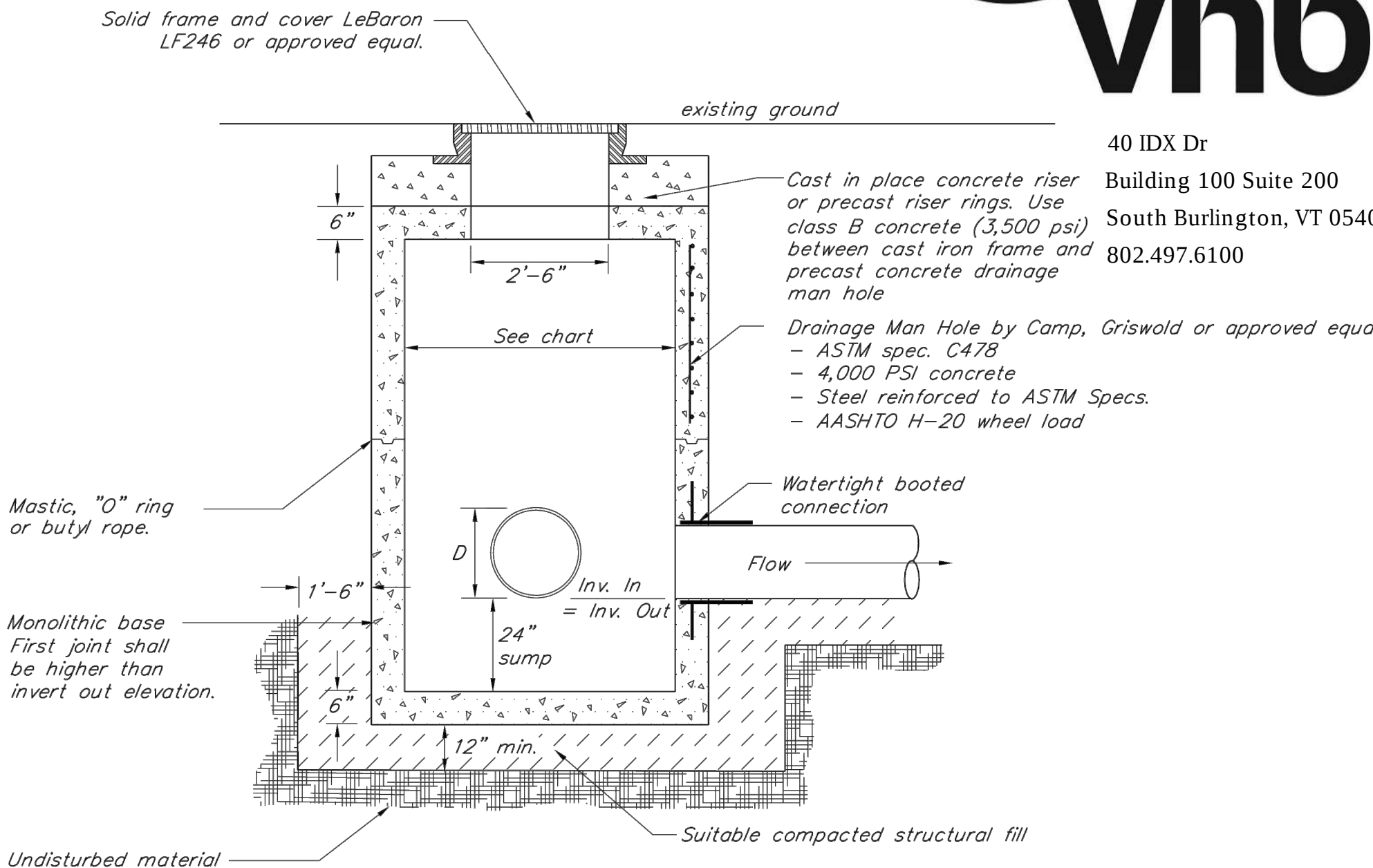
Storm Trench Detail 10/19
N.T.S. Source: Adapted from Krebs & Lansing

- STONE LINED SWALE NOTES:**
Typical stone-lined swale cross section. See Plan View for location.
1. Stone-lined swales to be used on slopes $\geq 5\%$
 2. Use Shot Rock or blasted material for stone center.
 3. Side slopes not to exceed 2:1.
 4. Stone lining thickness shall be 1.5 x max. stone size plus the thickness of filter or bedding.
 5. Stone max. sizing shall be as follows:

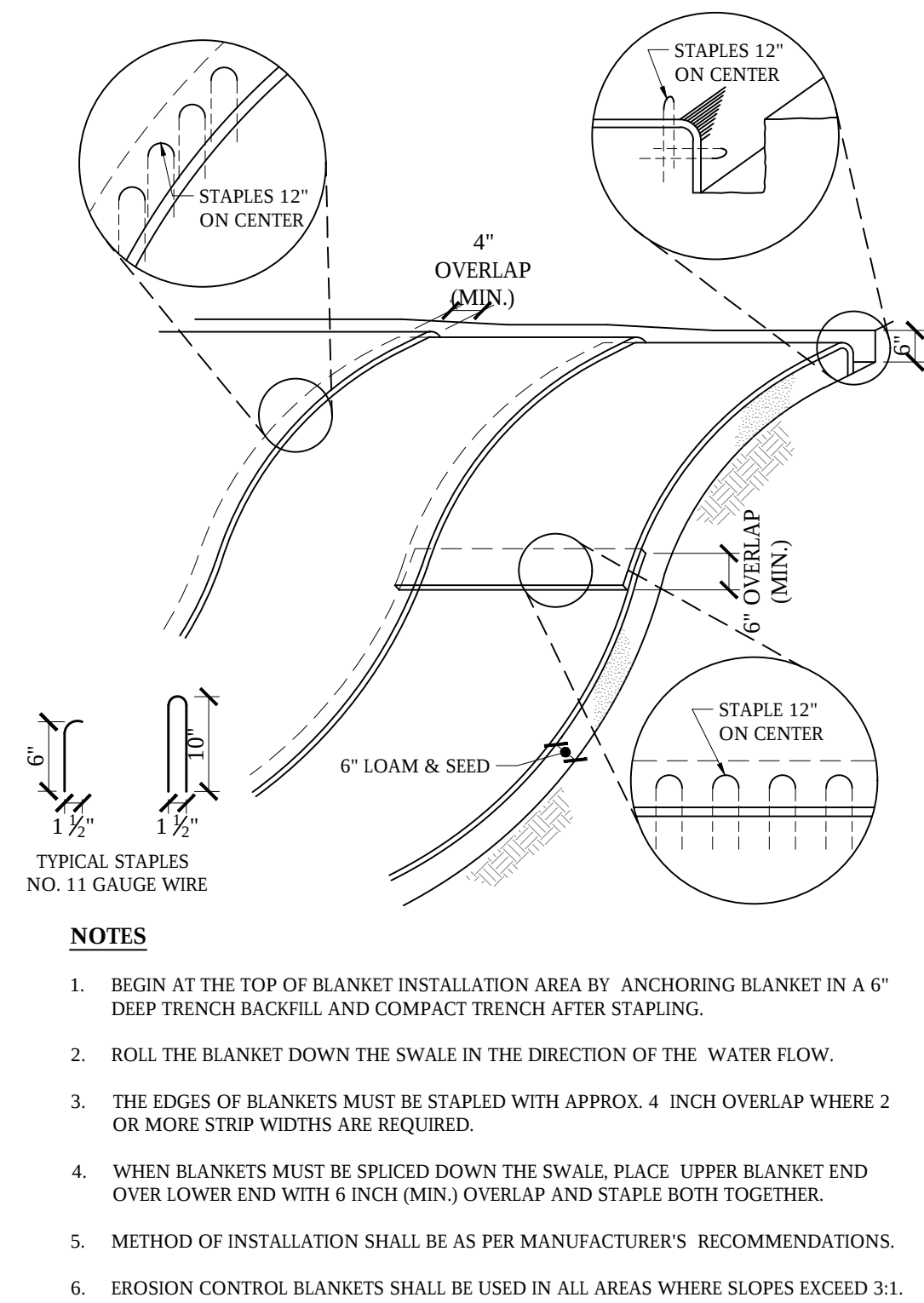
Vel. (fps)	D max. (in.)
5.0	6
8.5	12
10	18
12	24
15	36
 6. Foundation area shall be cleared of trees, stumps, roots, sod, loose rock, or other objectionable material.
 7. Cross-section shall be excavated to neat lines and grades. Over-excavated areas shall be backfilled with moist soil compacted to density of surrounding material.
 8. All disturbed areas shall be stabilized and otherwise protected against soil erosion.



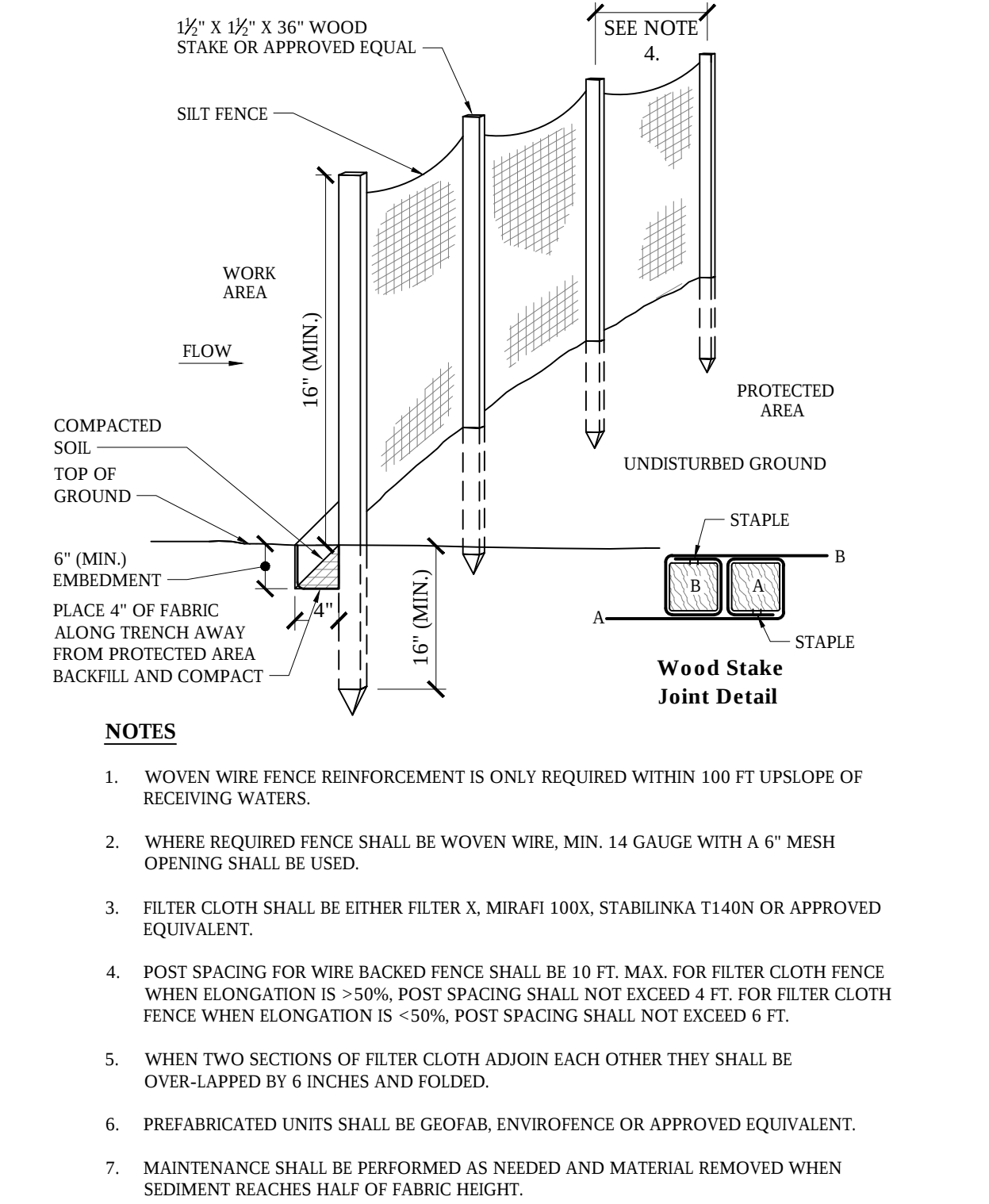
Stone Lined Swale 10/19
N.T.S. Source: Adapted from Krebs & Lansing



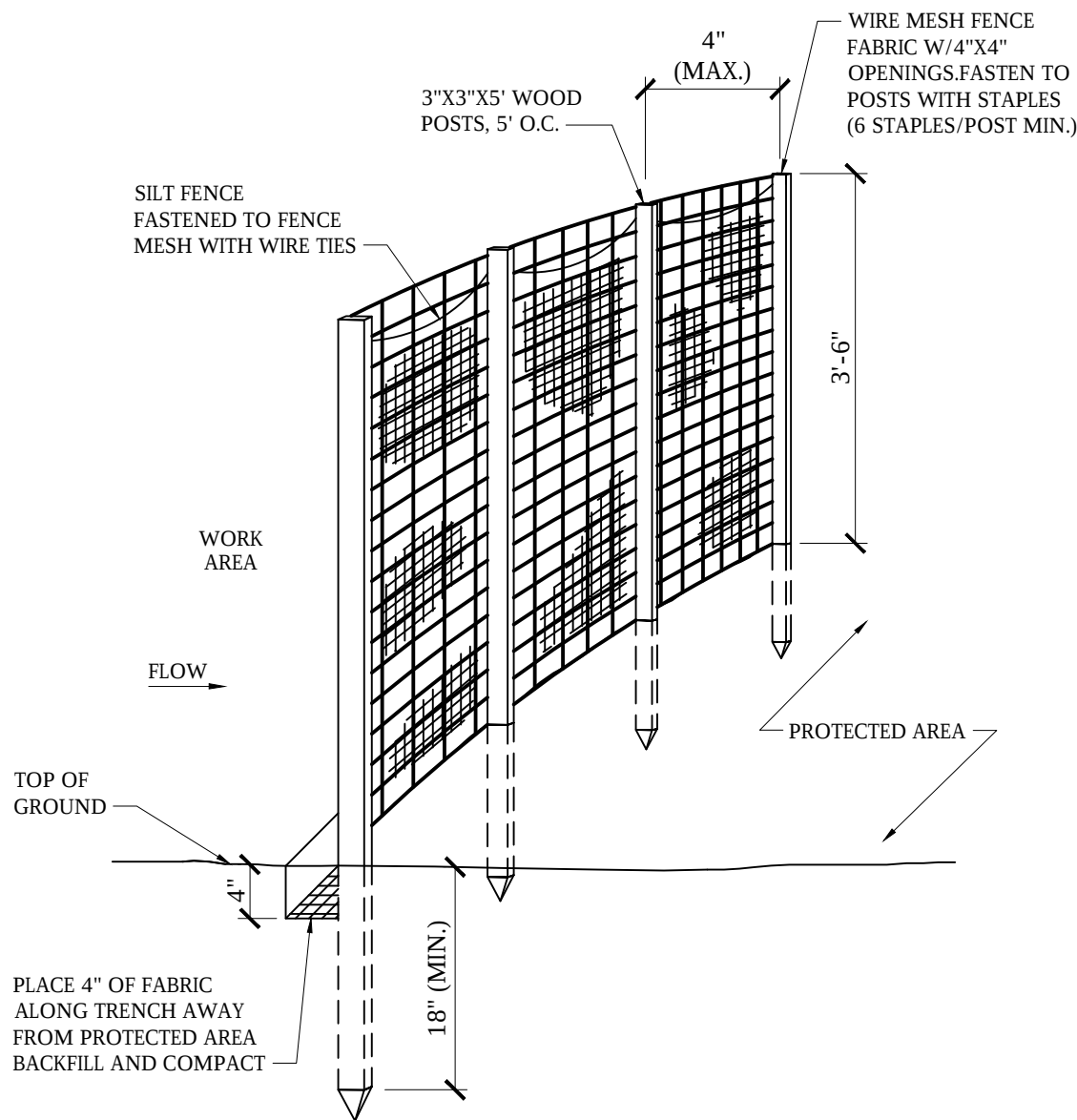
Typical Drainage Manhole 10/19
N.T.S. Source: Adapted from Krebs & Lansing



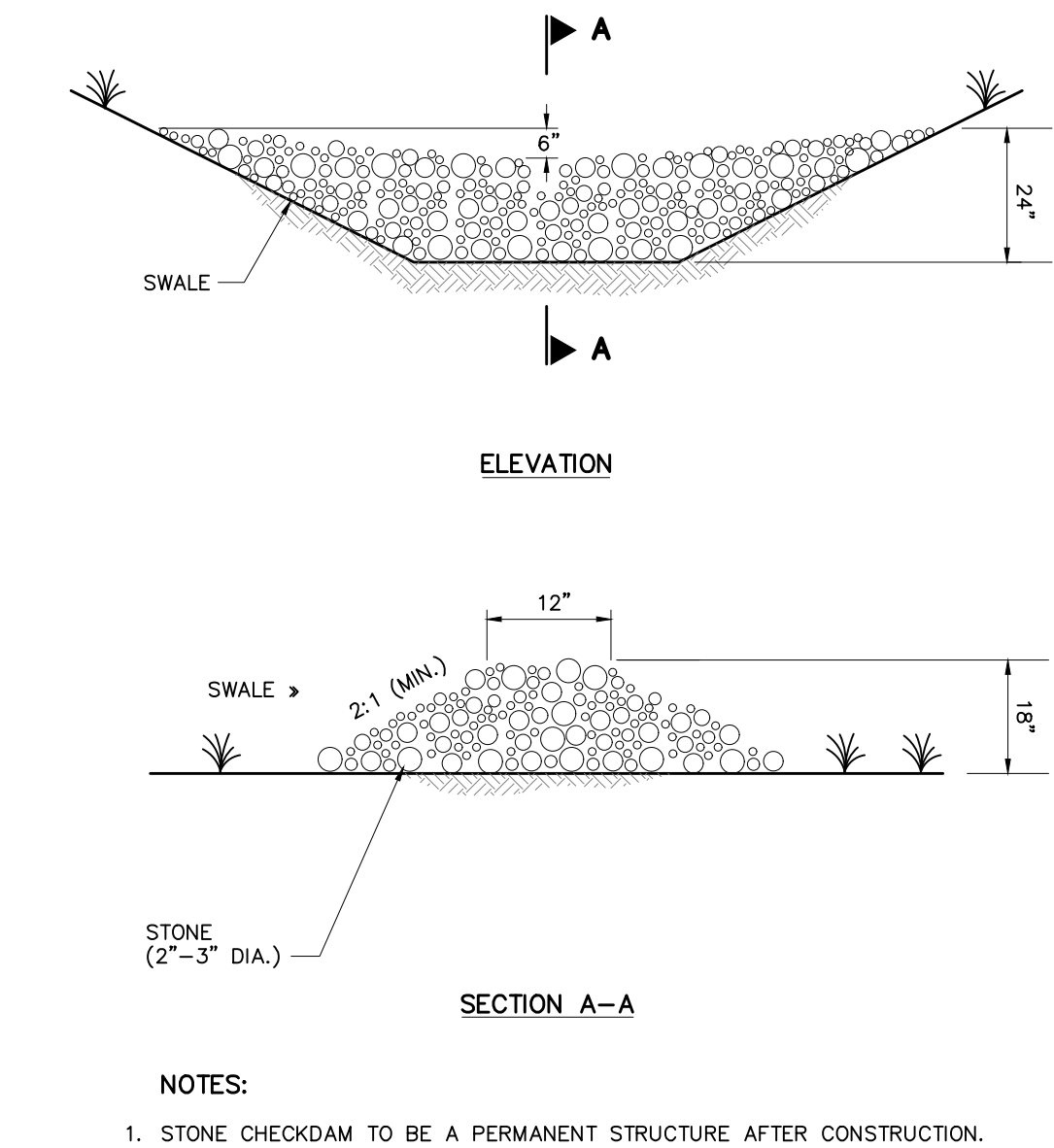
Erosion Control Blanket Slope Installation 1/16
N.T.S. Source: VHB



Silt Fence Barrier 1/16
N.T.S. Source: VHB



Heavy Duty Silt Fence Barrier 1/16
N.T.S. Source: VHB



Stone Check Dam 1/16
N.T.S. Source: VHB

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D-01

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57346.11