



LEGEND

- CATCHBASIN
- ROOF DRAIN
- VENT
- WELL
- ELECTRIC METER
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- HANDHOLE
- SIGN
- MAILBOX
- POST
- WETLAND FLAG
- TEST PIT LOCATED
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB
- OVERHEAD WIRE
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- SPOT GRADE
- TW: TOP OF WELL
- EOP: EDGE OF PAVEMENT
- OH: OVERHANG
- MBW: MASONRY BLOCK WALL
- RTW: RAILROAD TIE WALL
- TOP: TOP OF PIPE

Line Legend

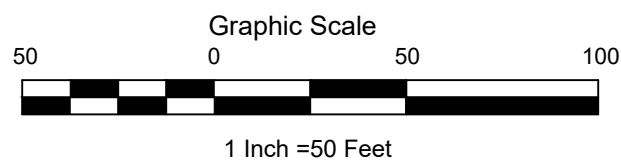
- 50' No Alteration Zone
- 100' Wetland Buffer Zone
- 125' Wetland Buffer Zone

APPROVED UNDER MASSACHUSETTS GENERAL LAW CHAPTER 40B

DATE APPROVED: \_\_\_\_\_  
DATE ENDORSED: \_\_\_\_\_  
SHERBORN ZONING BOARD OF APPEALS

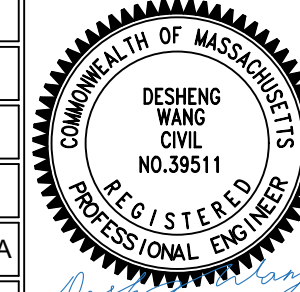
I HEREBY CERTIFY THAT 20 DAYS HAVE LAPSED SINCE THE SHERBORN ZONING BOARD OF APPEALS APPROVAL HAS FILED WITH THE SHERBORN TOWN CLERK AND THAT NO APPEAL HAS BEEN FILED WITH THIS OFFICE.

| Proposed Conditions Sheet Index |          |  |
|---------------------------------|----------|--|
| Sheet 10                        | Sheet 11 |  |
| Sheet 12                        | Sheet 13 |  |



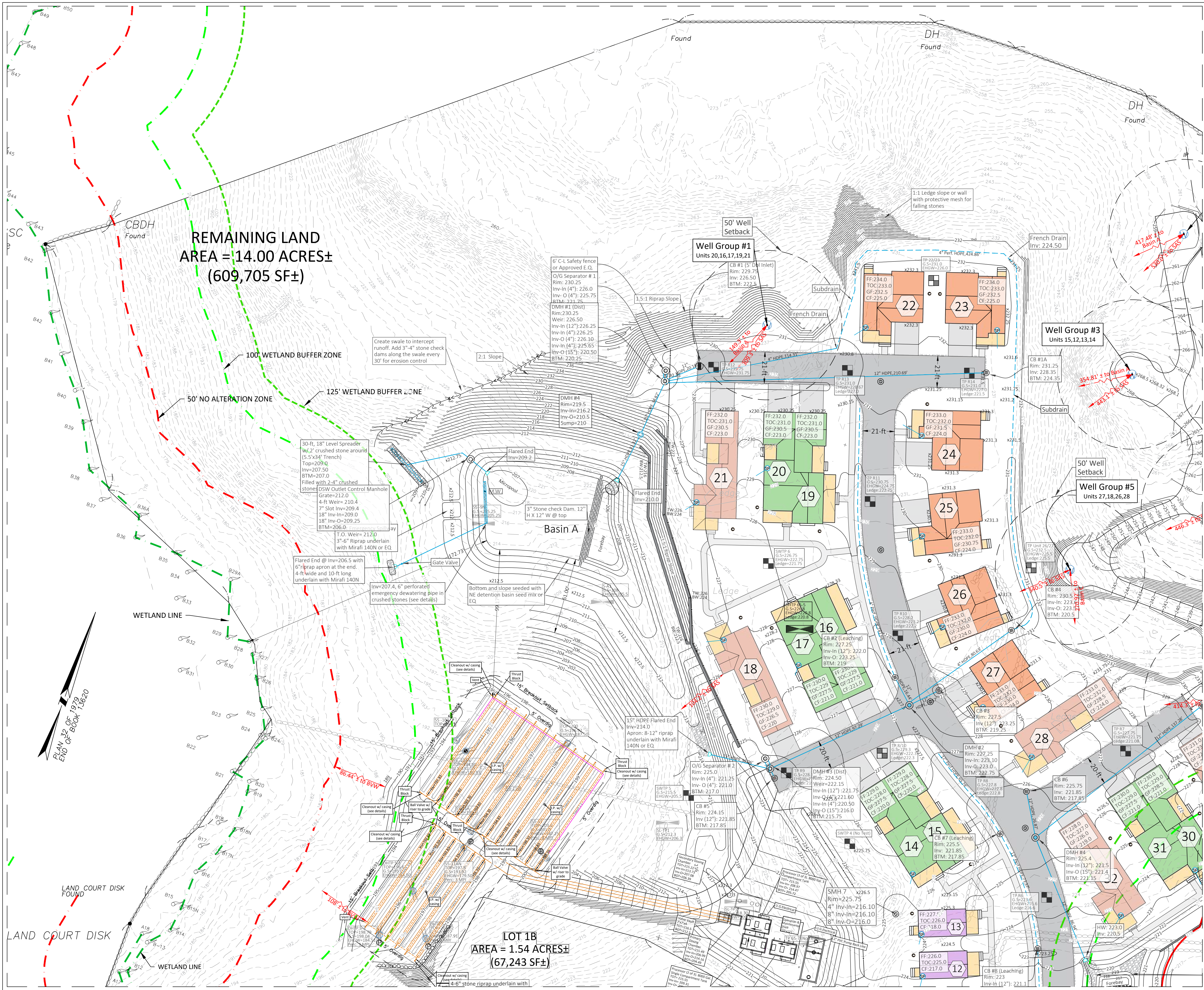
DATE \_\_\_\_\_ JACKLYN R. MORRIS  
SHERBORN TOWN CLERK

**Creative Land & Water Engineering, LLC**  
Environmental Scientists and Engineers  
P.O. Box 584 - Southborough - MA - 01772  
774-454-0266 www.claweng.com

|               |         |                                                            |     |                  |          |                                                                                       |         |
|---------------|---------|------------------------------------------------------------|-----|------------------|----------|---------------------------------------------------------------------------------------|---------|
| Plan Title:   |         | Proposed Conditions Index Plan                             |     |                  |          |                                                                                       |         |
| Project Name: |         | Farm Road Homes                                            |     |                  |          |                                                                                       |         |
| Site Address: |         | 65 Farm Road, Sherborn, MA                                 |     |                  |          |                                                                                       |         |
| Owner:        |         | Fenix Partners Farm Road Development, LLC                  |     | Client:          |          |                                                                                       |         |
|               |         |                                                            |     | Robert Murchison |          |                                                                                       |         |
| Project No:   | J269-12 | Drawn by:                                                  | FA  | Date:            | 07/06/23 | Sheet No:                                                                             | 9 of 22 |
| Designed by:  | DSW, FA | Approved by:                                               | DSW | Scale:           | 1"=50'   |                                                                                       |         |
|               |         |                                                            |     |                  |          |  |         |
|               |         |                                                            |     |                  |          |                                                                                       |         |
|               |         |                                                            |     |                  |          |                                                                                       |         |
|               |         |                                                            |     |                  |          |                                                                                       |         |
|               |         |                                                            |     |                  |          |                                                                                       |         |
| 1             | 9/28/23 | Grading, Stormwater, Erosion Control, Construction Details |     |                  |          | DSW/FA                                                                                |         |
| Rev.:         | Date:   | Description                                                |     |                  |          | By:                                                                                   |         |







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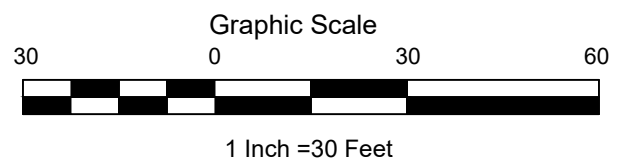
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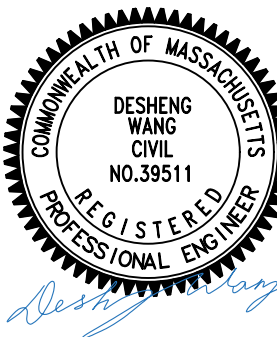
DATE JACKLYN R. MORRIS  
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|               |         |                                                            |                          |
|---------------|---------|------------------------------------------------------------|--------------------------|
| Plan Title:   |         | Proposed Conditions Plan (1 of 4)                          |                          |
| Project Name: |         | Farm Road Homes                                            |                          |
| Site Address: |         | 65 Farm Road - Sherborn, MA                                |                          |
| Owner:        |         | Fenix Partners Farm Road Development, LLC                  | Client: Robert Murchison |
| Project No:   | J269-12 | Drawn by:                                                  | FA                       |
| Designed by:  | DSW, FA | Approved by:                                               | DSW                      |
| Date:         | 9/28/23 | Scale:                                                     | 1"=30'                   |
| Rev:          | 1       | Date:                                                      | 9/28/23                  |
| Description:  |         | Grading, Stormwater, Erosion Control, Construction Details |                          |
| By:           |         | DSW/FA                                                     |                          |







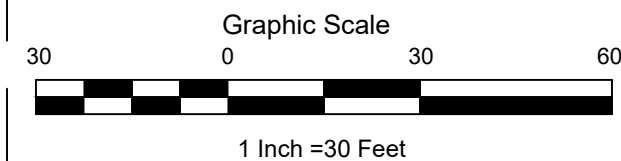
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Plan Title: Proposed Conditions Plan (2 of 4)

Project Name: Farm Road Homes

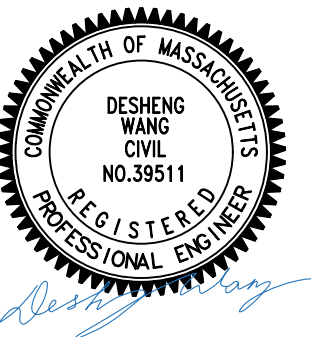
Site Address: 65 Farm Road - Sherborn, MA

Owner: Fenix Partners Farm Road Development, LLC Client: Robert Murchison

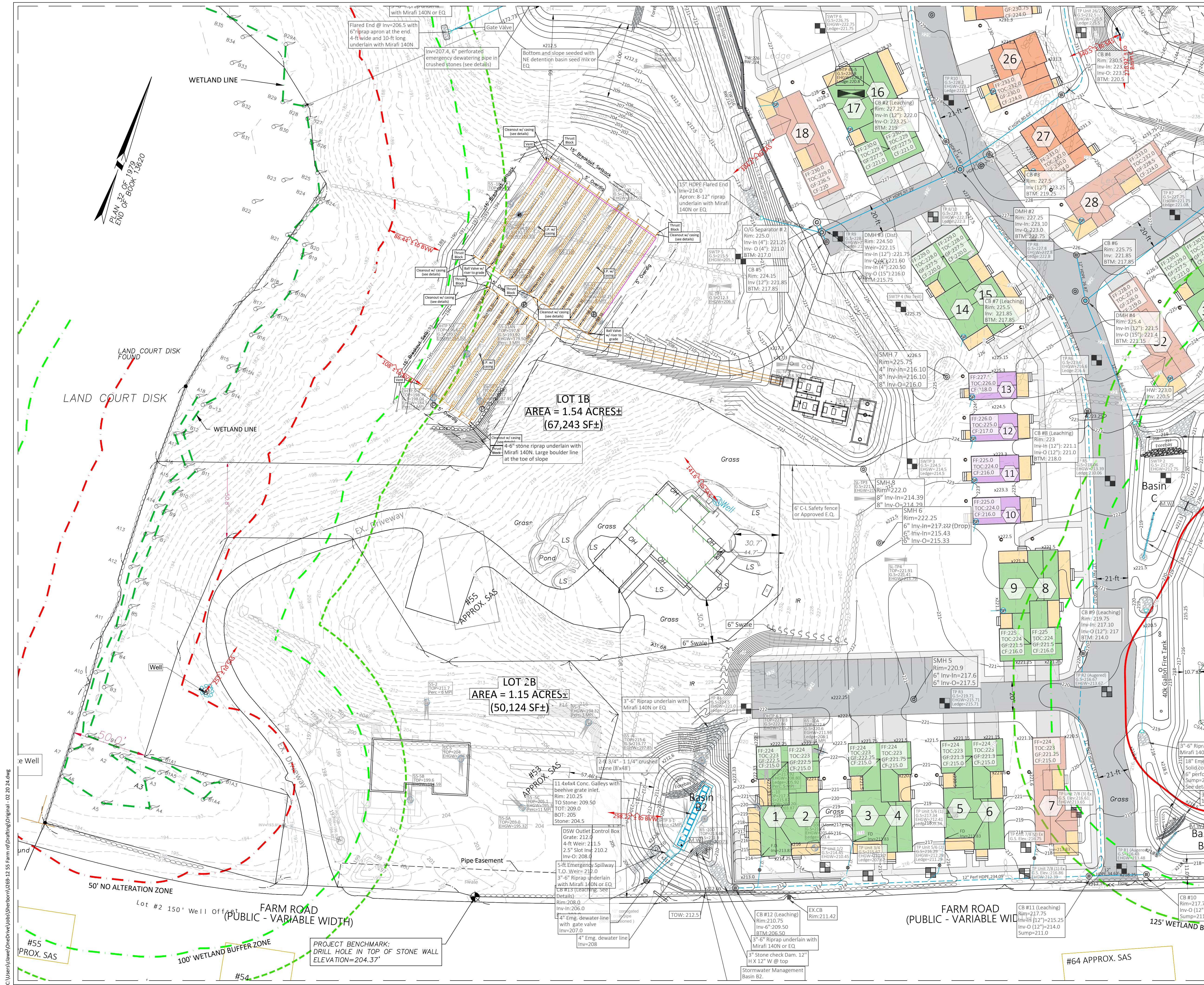
Project No: J269-12 Drawn by: FA Date: 07/06/23 Sheet No: 11 of 22

Designed by: DSW, FA Approved by: DSW Scale: 1"=30'

|      |         |                                                            |        |
|------|---------|------------------------------------------------------------|--------|
| 1    | 9/28/23 | Grading, Stormwater, Erosion Control, Construction Details | DSW/FA |
| Rev. | Date:   | Description                                                | By:    |







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Graphic Scale  
0 30 60  
1 Inch = 30 Feet

Proposed Conditions  
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Plan Title: Proposed Conditions Plan (3 of 4)

Project Name: Farm Road Homes

Site Address: 65 Farm Road - Sherborn, MA

Owner: Fenix Partners Farm Road Development, LLC Client: Robert Murchison

Project No: J269-12 Drawn by: FA Date: 07/06/23 Sheet No: 12 of 22

Designed by: DSW, FA Approved by: DSW Scale: 1"=30'

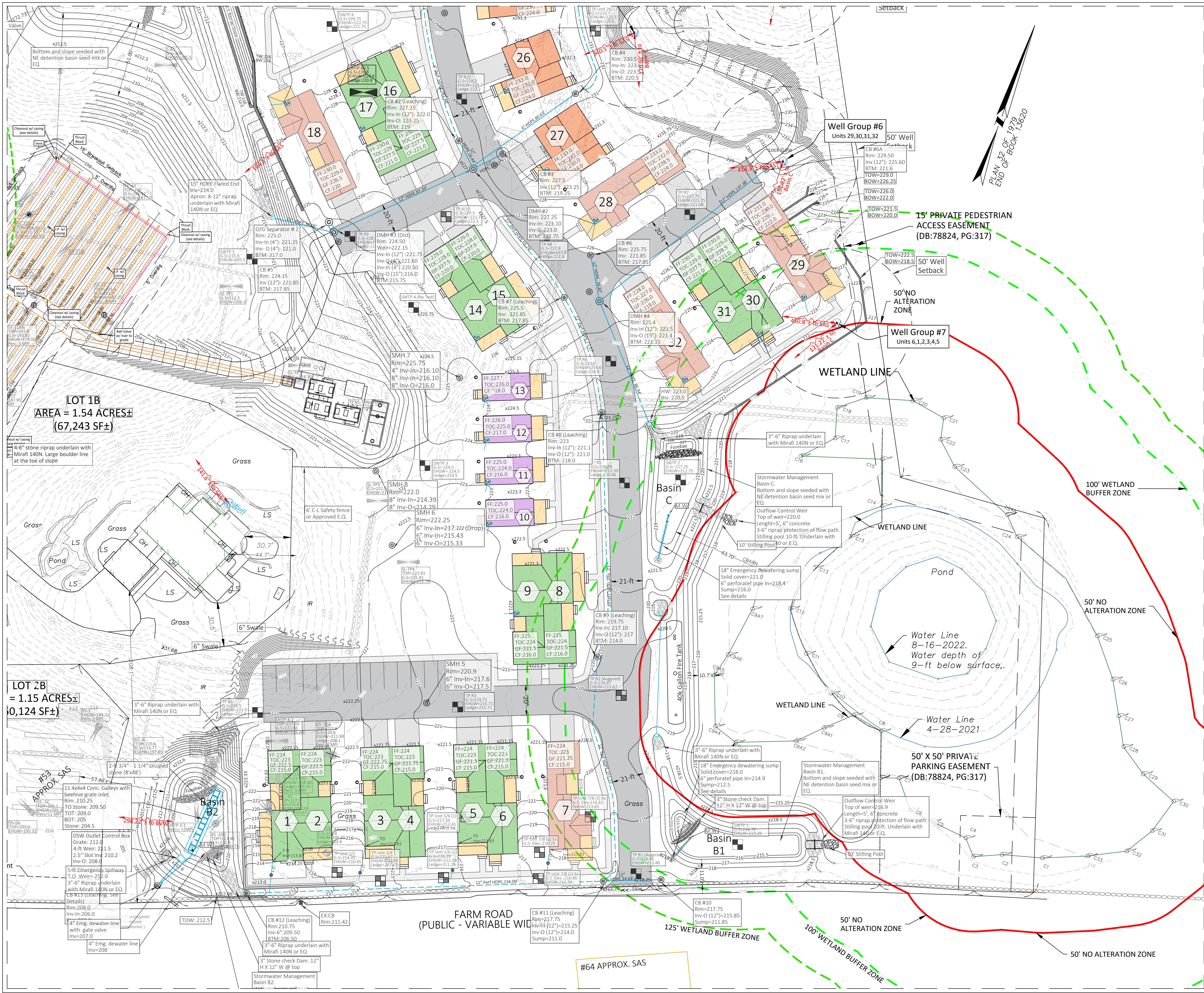
1 9/28/23 Grading, Stormwater, Erosion Control, Construction Details DSW/FA

Rev.: \_\_\_\_\_ Date: \_\_\_\_\_ Description: \_\_\_\_\_ By: \_\_\_\_\_

DESIGNED BY: DESHENG WANG CIVIL NO. 39511 REGISTERED PROFESSIONAL ENGINEER

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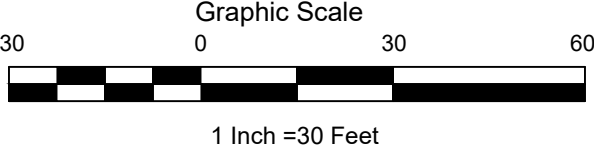
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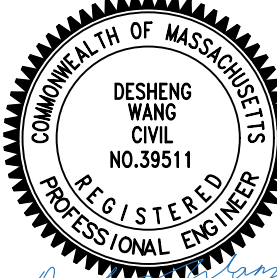


Proposed Conditions

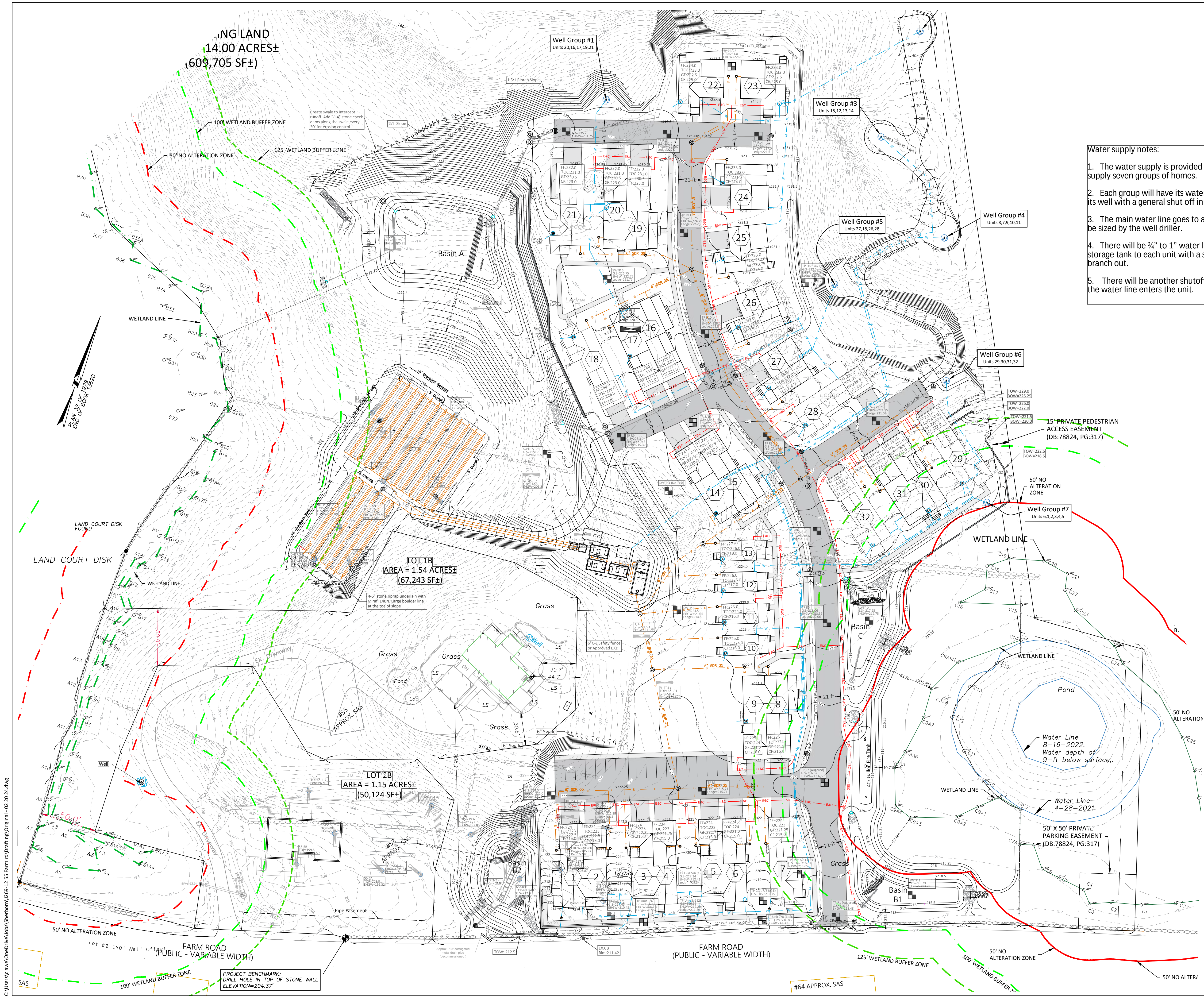
|                   |
|-------------------|
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|                                                  |                  |                                                            |                    |
|--------------------------------------------------|------------------|------------------------------------------------------------|--------------------|
| Plan Title: Proposed Conditions Plan (4 of 4)    |                  |                                                            |                    |
| Project Name: Farm Road Homes                    |                  |                                                            |                    |
| Site Address: 65 Farm Road - Sherborn, MA        |                  |                                                            |                    |
| Owner: Fenix Partners Farm Road Development, LLC |                  | Client: Robert Murchison                                   |                    |
| Project No: J269-12                              | Drawn by: FA     | Date: 07/06/23                                             | Sheet No: 13 of 22 |
| Designed by: DSW, FA                             | Approved by: DSW | Scale: 1"=30'                                              |                    |
| 1                                                | 9/28/23          | Grading, Stormwater, Erosion Control, Construction Details | DSW/FA             |
| Rev.                                             | Date:            | Description                                                | By:                |







- Water supply notes:
1. The water supply is provided by seven private wells to supply seven groups of homes.
  2. Each group will have its water supply line coming from its well with a general shut off in the common water room.
  3. The main water line goes to a common storage tank to be sized by the well driller.
  4. There will be ¾" to 1" water line branched out from the storage tank to each unit with a shutoff valve at the tank branch out.
  5. There will be another shutoff valve at each unit where the water line enters the unit.

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  - +58.7
  - TW
  - EOP
  - OH
  - MBW
  - RTW
  - TOP

- Line Legend
- 50' No Alteration Zone
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  - 125' Wetland Buffer Zone
  - E&C
  - S
  - W
  - E&C
  - S
  - W
  - Electric & Cable Line
  - Sewer Line
  - Water Line

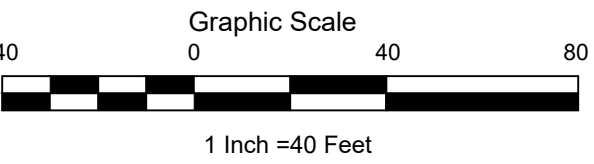
| Well Group # | Units in Group | Bedrooms | Location unit of water tank |
|--------------|----------------|----------|-----------------------------|
| 1            | 16,17,19,20,21 | 11       | 20                          |
| 2            | 22,23,24,25    | 12       | 23                          |
| 3            | 12,13,14,15    | 8        | 15                          |
| 4            | 7,8,9,10,11    | 11       | 8                           |
| 5            | 18,26,27,28    | 12       | 27                          |
| 6            | 29,30,31,32    | 10       | 29                          |
| 7            | 1,2,3,4,5,6    | 12       | 6                           |
| Total        | 32             | 76       |                             |

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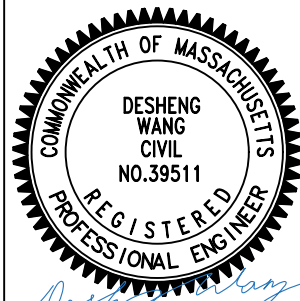
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|                                                  |                  |                          |                    |
|--------------------------------------------------|------------------|--------------------------|--------------------|
| Plan Title: Proposed Utilities Plan              |                  |                          |                    |
| Project Name: Farm Road Homes                    |                  |                          |                    |
| Site Address: 65 Farm Road, Sherborn, MA         |                  |                          |                    |
| Owner: Fenix Partners Farm Road Development, LLC |                  | Client: Robert Murchison |                    |
| Project No: J269-12                              | Drawn by: FA     | Date: 02/07/23           | Sheet No: 14 of 22 |
| Designed by: DSW, FA                             | Approved by: DSW | Scale: 1"=50'            |                    |
| Rev.:                                            | Date:            | Description              | By:                |





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| TP Unit 1/2. Location: House                      |              | G.S=214.45   | Date:                               | April 4, 2023       |                    |
|---------------------------------------------------|--------------|--------------|-------------------------------------|---------------------|--------------------|
| Depth From Surface (In)                           | Soil Horizon | Soil Texture | Soil Color                          | Other               | Notes              |
| 0-12                                              | Ap           | S.L.         | 10 YR 3/2                           | Friable             |                    |
| 12-30                                             | Bw           | L.S.-M.S.    | 10 YR 5/6                           | Loose               |                    |
| 30-72                                             | C1           | L.S-M.S.     | 2.5 Y 6/4                           | Loose               |                    |
| 72-84+                                            | C2           | L.S.         | 2.5 Y 5/4                           | Friable. Dense.     |                    |
| Standing Water (ft.): None                        |              |              |                                     |                     |                    |
| Weeping (ft.): 4' to 6'                           |              |              |                                     |                     |                    |
| Estimated High Water (in): 4' - East. 6' - West   |              |              | Estimated High Water (Elev): 210.45 |                     |                    |
| TP Unit 3/4. Location: House                      |              | G.S=215.67   | Date:                               | April 4, 2023       |                    |
| Depth From Surface (In)                           | Soil Horizon | Soil Texture | Soil Color                          | Other               | Notes              |
| 0-8                                               | Ap           | S.L.         | 10 YR 3/2                           | Friable             |                    |
| 8-18                                              | Bw           | L.S.         | 10 YR 6/6                           | Friable             |                    |
| 18-48                                             | C1           | M.S.         | 2.5 Y 6/4                           | Loose               | Mottles @48" 10 YR |
| 48-96                                             | C2           | L.S.         | 2.5 Y 5/4                           | Dense               | 6/8                |
| 96+                                               | Cr           | Ledge        |                                     |                     |                    |
| Standing Water (ft.): 8                           |              |              |                                     |                     |                    |
| Weeping (ft.): 4                                  |              |              |                                     |                     |                    |
| Estimated High Water (in): 48                     |              |              | Estimated High Water (Elev): 211.67 |                     |                    |
| TP Unit 5/6 (1). Location: House                  |              | G.S=217.34   | Date:                               | April 4, 2023       |                    |
| Depth From Surface (In)                           | Soil Horizon | Soil Texture | Soil Color                          | Other               | Notes              |
| 0-8                                               | Ap           | S.L.         | 10 YR 3/2                           | Friable             |                    |
| 8-18                                              | Bw           | L.S.-S.      | 10 YR 6/6                           | Fri-Loose           |                    |
| 18-96                                             | C            | M.S.         | 2.5 Y 6/4                           | Loose               |                    |
| 96+                                               | Cr           |              |                                     | weathered ledge     |                    |
| Standing Water (ft.): 5.5                         |              |              |                                     |                     |                    |
| Weeping (ft.): 5.5                                |              |              |                                     |                     |                    |
| Estimated High Water (in): 66                     |              |              | Estimated High Water (Elev): 211.84 |                     |                    |
| TP Unit 5/6 (2). Location: House                  |              | G.S=216.29   | Date:                               | April 4, 2023       |                    |
| Depth From Surface (In)                           | Soil Horizon | Soil Texture | Soil Color                          | Other               | Notes              |
| 0-8                                               | A            | S.L.         | 10 YR 3/2                           | Friable             |                    |
| 8-24                                              | B            | L.S.         | 10 YR 6/6                           | Fri-Loose           |                    |
| 24-72/60                                          | C            | M.S. - L.S.  | 2.5 Y 6/4                           | Loose               |                    |
| 72/60+                                            | Cr           |              |                                     | weathered ledge     |                    |
|                                                   |              |              |                                     | Sloped Ledge        |                    |
| Standing Water (ft.): None                        |              |              |                                     |                     |                    |
| Weeping (ft.): 4                                  |              |              |                                     |                     |                    |
| Estimated High Water (in): 48                     |              |              | Estimated High Water (Elev): 212.29 |                     |                    |
| DHTP 4-1. Location: Unit 1 Driveway               |              | G.S=222.86   | Date:                               | November 9, 2021    |                    |
| Depth From Surface (In)                           | Soil Horizon | Soil Texture | Soil Color                          | Other               | Notes              |
| 0-12                                              | Ap           | S.L.         | 10 YR 3/2                           | Friable             |                    |
| 12-36                                             | B            | S.L.-L.S.    | 2.5 Y 6/6                           | Friable             |                    |
| 36-120                                            | C            | S.L.-L.S.    | 2.5 Y 6/4                           | Fri-Dense           |                    |
| Standing Water (ft.): None                        |              |              |                                     |                     |                    |
| Weeping (ft.): None                               |              |              |                                     |                     |                    |
| Estimated High Water (in): 120                    |              |              | Estimated High Water (Elev): 215.24 |                     |                    |
| DHTP 4-2. Location: House                         |              | G.S=217.92   | Date:                               | November 9, 2021    |                    |
| Depth From Surface (In)                           | Soil Horizon | Soil Texture | Soil Color                          | Other               | Notes              |
| 0-12                                              | A            | S.L.         | 10 YR 3/2                           | Friable             |                    |
| 12-36                                             | B            | S.L.-L.S.    | 2.5 Y 6/6                           | Friable             |                    |
| 36-144                                            | C            | S.L.-L.S.    | 2.5 Y 6/4                           | Dense, Stony        |                    |
| 144+                                              | Cr           | Frac. Ledge  |                                     |                     |                    |
| Standing Water (ft.): 12                          |              |              |                                     |                     |                    |
| Weeping (ft.): 12                                 |              |              |                                     |                     |                    |
| Estimated High Water (in): 138 from septic design |              |              | Estimated High Water (Elev): 208.8  |                     |                    |
| 55-9N. Location: Stormwater Basin                 |              | G.S=215.25   | Date:                               | April 21, 2021      |                    |
| Depth From Surface (In)                           | Soil Horizon | Soil Texture | Soil Color                          | Other               | Notes              |
| 0-6                                               | A            | S.L.         | 10 YR 3/2                           | Friable             |                    |
| 6-30                                              | B            | S.L.         | 2.5 Y 6/6                           | Friable             |                    |
| 30-120+                                           | C            | L.S.         | 2.5 Y 6/4                           | Friable             |                    |
| Standing Water (ft.): None                        |              |              |                                     |                     |                    |
| Weeping (ft.): None                               |              |              |                                     |                     |                    |
| Estimated High Water (in): 10                     |              |              | Estimated High Water (Elev): 205.25 |                     |                    |
| S-A1. Location: Stormwater Basin A                |              | G.S=208.0    | Date:                               | January 3, 2024     |                    |
| Depth From Surface (In)                           | Soil Horizon | Soil Texture | Soil Color                          | Other               | Notes              |
| 0-12                                              | Ap           | S.L.         | 10 YR 2/1                           | Friable             |                    |
| 12-36                                             | Bw           | S.L.         | 2.5 Y 6/6                           | Friable             |                    |
| 36-72+                                            | C            | L.S.         | 2.5 Y 5/4                           | Dense               |                    |
|                                                   |              |              |                                     | Sieve Analysis Done |                    |
| Standing Water (ft.): 6                           |              |              |                                     |                     |                    |
| Weeping (ft.): 2.5                                |              |              |                                     |                     |                    |
| Estimated High Water (in): 30"                    |              |              | Estimated High Water (Elev): 205.50 |                     |                    |
| 65-10. Location: House                            |              | G.S=215.87   | Date:                               | April 20, 2021      |                    |
| Depth From Surface (In)                           | Soil Horizon | Soil Texture | Soil Color                          | Other               | Notes              |
| 0-10                                              | Ap           | S.L.         | 10 YR 3/2                           | Friable             |                    |
| 10-30                                             | Bw           | S.L.         | 2.5 Y 5/6                           | Friable             |                    |
| 30-144                                            | C            | S.L.-L.S.    | 2.5 Y 6/4                           | Friable             |                    |
| 144+                                              | Cr           |              |                                     | weathered ledge     |                    |
| Standing Water (ft.): 11                          |              |              |                                     |                     |                    |
| Weeping (ft.): 11                                 |              |              |                                     |                     |                    |
| Estimated High Water (in): 116 from septic design |              |              | Estimated High Water (Elev): 206.20 |                     |                    |

| 65-10A. Location: House                                 |              | G.S=220.60   | Date:                               | April 20, 2021  |                        |
|---------------------------------------------------------|--------------|--------------|-------------------------------------|-----------------|------------------------|
| Depth From Surface (In)                                 | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes                  |
| 0-24                                                    | Ap           | S.L.         | 10 YR 2/1                           | Friable         |                        |
| 24-30                                                   | B            | S.L.         | 10 YR 5/6                           | Friable         |                        |
| 30-150                                                  | C            | M.L.S.       | 2.5 Y 6/4                           | Friable         |                        |
| 150+                                                    | Cr           |              |                                     | weathered ledge |                        |
| Standing Water (ft.): 12.3                              |              |              |                                     |                 |                        |
| Weeping (ft.): 12                                       |              |              |                                     |                 |                        |
| Estimated High Water (in): 120 from septic design       |              |              | Estimated High Water (Elev):211.93  |                 |                        |
| 65-10C. Location: Basin B2 Slope                        |              | G.S=217.53   | Date:                               | April 21, 2021  |                        |
| Depth From Surface (In)                                 | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes                  |
| 0-4                                                     | A            | S.L.         | 10 YR 3/2                           | Friable         |                        |
| 4-24                                                    | B            | S.L.         | 2.5 Y 6/6                           | Friable         |                        |
| 24-168                                                  | C            | L.S.         | 2.5 Y 6/4                           | Friable         |                        |
| Standing Water (ft.): None                              |              |              |                                     |                 |                        |
| Weeping (ft.): None                                     |              |              |                                     |                 |                        |
| Estimated High Water (in): 150 from septic design       |              |              | Estimated High Water (Elev): 203.36 |                 |                        |
| 65-10D. Location: Stormwater Basin B2                   |              | G.S=212.90   | Date:                               | April 20, 2021  |                        |
| Depth From Surface (In)                                 | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes                  |
| 0-6                                                     | A            | S.L.         | 10 YR 3/2                           | Friable         |                        |
| 6-24                                                    | B            | S.L.         | 10 YR 6/6                           | Friable         |                        |
| 24-168                                                  | C            | L.S.         | 2.5 Y 5/4                           | Dense           |                        |
| Standing Water (ft.): 14                                |              |              |                                     |                 |                        |
| Weeping (ft.): 14                                       |              |              |                                     |                 |                        |
| Estimated High Water (in): 168 from septic design       |              |              | Estimated High Water (Elev): 198.9  |                 |                        |
| SWTP-1. Location: Stormwater Basin B1                   |              | G.S=216.79   | Date:                               | January 3, 2024 |                        |
| Depth From Surface (In)                                 | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes                  |
| 0-14                                                    | Ap           | S.L.         | 10 YR 2/2                           | Friable         |                        |
| 14-36                                                   | Bw           | L.S.         | 10 YR 5/6                           | Fri-Loose       |                        |
| 36-72+                                                  | C            | M.S.         | 2.5 Y 6/3                           | Loose           |                        |
|                                                         |              |              |                                     |                 | Boulders               |
| Standing Water (ft.): 6                                 |              |              |                                     |                 |                        |
| Weeping (ft.): 3.5 - 4                                  |              |              |                                     |                 |                        |
| Estimated High Water (in): 42                           |              |              | Estimated High Water (Elev): 213.29 |                 |                        |
| SWTP -2. Location: Stormwater Basin C                   |              | G.S=217.25   | Date:                               | January 3, 2024 |                        |
| Depth From Surface (In)                                 | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes                  |
| 0-14                                                    | Ap           | S.L.         | 10 YR 3/2                           | Friable         |                        |
| 14-38                                                   | Bw           | S.L.         | 10 YR 5/6                           | Friable         |                        |
| 38-72+                                                  | C            | Co.M.L.S.    | 2.5 Y 5/3                           | Fri-Dense       |                        |
| Standing Water (ft.): 5.67                              |              |              |                                     |                 |                        |
| Weeping (ft.): 4.5                                      |              |              |                                     |                 |                        |
| Estimated High Water (in): 54                           |              |              | Estimated High Water (Elev): 212.75 |                 |                        |
| SWTP -3. Location: Yard                                 |              | G.S=224.50   | Date:                               | April 4, 2023   |                        |
| Depth From Surface (In)                                 | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes                  |
| 0-60                                                    | A            | S.L.         | 10 YR 3/2                           | Friable         |                        |
| 60-80                                                   | Bw           | S.L.         | 2.5 Y 6/6                           | Friable         |                        |
| 80-120                                                  | C            | L.S.         | 2.5 Y 6/4                           | Stony           |                        |
| 120+                                                    | Cr           |              |                                     | weathered ledge | no water obs'd         |
| Standing Water (ft.): None                              |              |              |                                     |                 |                        |
| Weeping (ft.): None                                     |              |              |                                     |                 |                        |
| Estimated High Water (in): 120 (top of ledge, no water) |              |              | Estimated High Water (Elev): 214.50 |                 |                        |
| SWTP -5. Location: Back Slope                           |              | G.S= 215.50  | Date:                               | April 4, 2023   |                        |
| Depth From Surface (In)                                 | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes                  |
| 0-8                                                     | A            | S.L.         | 10 YR 3/2                           | Friable         |                        |
| 8-24                                                    | Bw           | L.S.         | 2.5 Y 6/6                           | Friable         |                        |
| 24-120+                                                 | C            | M.L.S.       | 2.5 Y 6/4                           | Dense           | Boulders               |
| Standing Water (ft.): None                              |              |              |                                     |                 |                        |
| Weeping (ft.): None                                     |              |              |                                     |                 |                        |
| Estimated High Water (in): 120                          |              |              | Estimated High Water (Elev): 205.50 |                 |                        |
| SWTP-6. Location: Yard                                  |              | G.S=226.75   | Date:                               | April 3, 2023   |                        |
| Depth From Surface (In)                                 | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes                  |
| 0-24                                                    | A* (Fill)    | S.L.         | 10 YR 3/2                           | Friable         |                        |
| 24-36                                                   | B            | M.S.L.-L.S.  | 10 YR 5/6                           | Friable         |                        |
| 36-60                                                   | C            | M.L.S        | 2.5 Y 5/4                           | Loose           | Mottles @48" 10 YR 6/8 |
| 60+                                                     | Cr           |              |                                     | weathered ledge |                        |
| Standing Water (ft.): 5                                 |              |              |                                     |                 |                        |
| Weeping (ft.): 4                                        |              |              |                                     |                 |                        |
| Estimated High Water (in): 48                           |              |              | Estimated High Water (Elev): 222.75 |                 |                        |
| Outcrop to south                                        |              |              |                                     |                 |                        |

| TP-R1. Location: Road                        |              | G.S= 216.48  | Date:                               | March 29, 2023  |                |
|----------------------------------------------|--------------|--------------|-------------------------------------|-----------------|----------------|
| Depth From Surface (In)                      | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes          |
| 0-11                                         | Ap           | S.L.         | 10 YR 3/2                           | Friable         |                |
| 11-18                                        | C1           | F.M.S.       | 2.5 Y 6/6                           | Loose           |                |
| 18-30                                        | C2           | S.L.         | 2.5 Y 4/2                           | Friable         |                |
| 30-42+                                       | C3           | M.S.-L.S.    | 10 YR 6/6                           | Friable         |                |
| Mottles @36" 10 YR 6/8                       |              |              |                                     |                 |                |
| Nearby 50 ft upgradient MW dry at 5 ft deep  |              |              |                                     |                 |                |
| Auger Test                                   |              |              |                                     |                 |                |
| Standing Water (ft.): n/a                    |              |              |                                     |                 |                |
| Weeping (ft.): n/a                           |              |              |                                     |                 |                |
| Estimated High Water (in): 36                |              |              | Estimated High Water (Elev): 213.48 |                 |                |
| TP-R2. Location: Road                        |              | G.S= 216.67  | Date:                               | March 29, 2023  |                |
| Depth From Surface (In)                      | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes          |
| 0-19                                         | Ap           | S.L.         | 10 YR 2/1                           | Friable         |                |
| 19-42                                        | B/C          | F.M.L.S.-S   | 2.5 Y 6/6                           | Friable         |                |
| 42-46                                        | C1           | M.L.S.       | 10 YR 6/6                           | Friable         | augered        |
| Moisture-Sat @ 36"                           |              |              |                                     |                 |                |
| Standing Water (ft.): n/a                    |              |              |                                     |                 |                |
| Weeping (ft.): n/a                           |              |              |                                     |                 |                |
| Estimated High Water (in): 36                |              |              | Estimated High Water (Elev): 213.67 |                 |                |
| TP-R3. Location: Road                        |              | G.S= 219.71  | Date:                               | April 3, 2023   |                |
| Depth From Surface (In)                      | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes          |
| 0-9                                          | Ap           | S.L.         | 10 YR 3/2                           | Friable         |                |
| 9-22                                         | B            | L.S.         | 10 YR 4/6                           | Friable         |                |
| 22-48                                        | C            | M.L.S        | 2.5 Y 5/4                           | Fri-Dense       |                |
| 48+                                          | Cr           |              |                                     | ledge           | no water obs'd |
| Standing Water (ft.): n/a                    |              |              |                                     |                 |                |
| Weeping (ft.): n/a                           |              |              |                                     |                 |                |
| Estimated High Water (in): 48"               |              |              | Estimated High Water (Elev): 215.71 |                 |                |
| TP-R4. Location: Road Edge                   |              | G.S= 224.50  | Date:                               | April 3, 2023   |                |
| Depth From Surface (In)                      | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes          |
| 0-10                                         | Ap           | S.L.         | 10 YR 3/2                           | Friable         |                |
| 10-24                                        | Bw           | S.L.         | 2.5 Y 6/6                           | Friable         |                |
| 24-42                                        | C            | S.L.         | 2.5 Y 6/4                           | Friable         |                |
| 42+                                          | Cr           |              |                                     | weathered ledge | no water obs'd |
| Standing Water (ft.): None                   |              |              |                                     |                 |                |
| Weeping (ft.): None                          |              |              |                                     |                 |                |
| Estimated High Water (in): 42 (top of ledge) |              |              | Estimated High Water (Elev): 221.0  |                 |                |
| TP-R5. Location: Road                        |              | G.S=218.06   | Date:                               | April 3, 2023   |                |
| Depth From Surface (In)                      | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes          |
| 0-9                                          | A^ (Fill)    | S.L.         | 10 YR 2/1                           | Loose           |                |
| 9-18                                         | B^ (Fill)    | L.S.         | 2.5 Y 6/6                           | Loose           |                |
| 18-23                                        | Ap           | S.L.         | 10 YR 2/2                           | Loose           |                |
| 23-35                                        | Bw           | S.L.-L.S.    | 10 YR 5/6                           | Loose           |                |
| 35-96                                        | C            | S.L.-L.S.    | 2.5 Y 5/4                           | Loose           |                |
| 96+                                          | Cr           |              |                                     | Ledge           |                |
| Standing Water (ft.): None                   |              |              |                                     |                 |                |
| Weeping (ft.): 56                            |              |              |                                     |                 |                |
| Estimated High Water (in): 56                |              |              | Estimated High Water (Elev): 213.39 |                 |                |
| TP-R6. Location: Road                        |              | G.S= 223.60  | Date:                               | April 3, 2023   |                |
| Depth From Surface (In)                      | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes          |
| 0-9                                          | Ap           | S.L.         | 10 YR 3/2                           | Friable         |                |
| 9-24                                         | Bw           | S.L.-L.S.    | 10 YR 5/6                           | Friable         |                |
| 24-84                                        | C            | L.S.         | 2.5 Y 6/4                           | Firm            |                |
| 84+                                          | Cr           |              |                                     | weathered ledge | no water obs'd |
| Standing Water (ft.): None                   |              |              |                                     |                 |                |
| Weeping (ft.): None                          |              |              |                                     |                 |                |
| Estimated High Water (in): 84                |              |              | Estimated High Water (Elev): 216.6  |                 |                |
| TP-R7. Location: Road                        |              | G.S=227.75   | Date:                               | April 3, 2023   |                |
| Depth From Surface (In)                      | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes          |
| 0-6                                          | A            | S.L.         | 10 YR 3/2                           | Friable         |                |
| 6-18                                         | B            | L.S.         | 2.5 Y 6/6                           | Friable         |                |
| 18-80                                        | C            | L.S.         | 2.5 Y 5/4                           | Firm-Dense      |                |
| 80+                                          | Cr           |              |                                     | weathered ledge | no water obs'd |
| Standing Water (ft.): None                   |              |              |                                     |                 |                |
| Weeping (ft.): None                          |              |              |                                     |                 |                |
| Estimated High Water (in): 72                |              |              | Estimated High Water (Elev): 221.75 |                 |                |
| TP-R8. Location: Road                        |              | G.S=227.80   | Date:                               | April 3, 2023   |                |
| Depth From Surface (In)                      | Soil Horizon | Soil Texture | Soil Color                          | Other           | Notes          |
| 0-10                                         | A            | S.L.         | 10 YR 3/2                           | Friable         |                |
| 10-30                                        | B            | L.S.         | 10 YR 5/6                           | Friable         |                |
| 30-48/(60)                                   | C            | M.L.S.       | 2.5 Y 5/6                           | Fri-Firm        |                |
| 48/(60)                                      | Cr           |              |                                     | weathered ledge | no water obs'd |
| Standing Water (ft.): None                   |              |              |                                     |                 |                |
| Weeping (ft.): None                          |              |              |                                     |                 |                |
| Estimated High Water (in): 60 (top of ledge) |              |              | Estimated High Water (Elev): 222.80 |                 |                |



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TP-R12. Location: Road

G.S.=235.75

Date:

April 3, 2023

| Depth From Surface (in) | Soil Horizon | Soil Texture | Soil Color | Other         | Notes |
|-------------------------|--------------|--------------|------------|---------------|-------|
| 0-12                    | A            | S.L.         | 10 YR 3/2  | Friable       |       |
| 12-36                   | Bw           | S.L.         | 10 YR 4/6  | Friable       |       |
| 36-60 (72)              | C            | S.L.         | 2.5 Y 6/4  | Friable       |       |
|                         |              |              |            | Mottles @ 48" |       |

Standing Water (ft.): 6

Weeping (ft.): 4

Estimated High Water (in): 48

Estimated High Water (Elev): 231.75

TP-R13. Location: Road

G.S.=231.0

Date:

April 3, 2023

| Depth From Surface (in) | Soil Horizon | Soil Texture | Soil Color | Other           | Notes |
|-------------------------|--------------|--------------|------------|-----------------|-------|
| 0-12                    | C^ (Fill)    | M.S.-L.S.    | 2.5 Y 6/6  | Loose           |       |
| 12-48                   | C            | Broken Ledge |            |                 |       |
| 48+                     | Cr           |              |            | weathered ledge |       |

Old cesspool found 18" to the north of TP-R13

Standing Water (ft.): 2.33

Weeping (ft.): 2.33

Estimated High Water (in): 28

Estimated High Water (Elev): 228.67

TP-R14. Location: Road

G.S.=231.0

Date:

April 3, 2023

| Depth From Surface (in) | Soil Horizon | Soil Texture | Soil Color | Other           | Notes |
|-------------------------|--------------|--------------|------------|-----------------|-------|
| 0-36                    | C^ (Fill)    | L.S.         | Fill       |                 |       |
| 36-40                   | A            | S.L.         | 10 YR 3/2  | friable         |       |
| 40-72                   | C1           | F.M.S.       | 2.5 Y 6/6  | Loose           |       |
| 72-96                   | C2           | F.M.S.       | 2.5 Y 6/4  | Loose           |       |
| 66 (114)                | Cr           |              |            | weathered ledge |       |

Standing Water (ft.): 7

Weeping (ft.): 4.5

Estimated High Water (in): 48

Estimated High Water (Elev): 227.0

TP Unit 22/23. Location: Between house 22&23

G.S.=231.0

Date:

April 3, 2023

| Depth From Surface (in) | Soil Horizon | Soil Texture   | Soil Color | Other     | Notes |
|-------------------------|--------------|----------------|------------|-----------|-------|
| 0-2                     | o            | Leaves + roots |            |           |       |
| 2-72                    | B            | L.S.           | 2.5 Y 6/6  | Fri-dense |       |
| 72-120+                 | C            | Co.M.L.S.      | 2.5 Y 6/4  | Loose     |       |

Standing Water (ft.): 5"

Weeping (ft.): 6

Estimated High Water (in): 60

Estimated High Water (Elev): 226.0

TP Unit 26/27. Location: Backyard of unit 26

G.S.=232.5

Date:

April 4, 2023

| Depth From Surface (in) | Soil Horizon | Soil Texture  | Soil Color | Other           | Notes |
|-------------------------|--------------|---------------|------------|-----------------|-------|
| 0-6                     | A            | S.L.          | 10 YR 3/2  | Friable         |       |
| 6-24                    | B            | S.L.          | 2.5 Y 6/6  | Friable         |       |
| 24-48                   | C1           | L.S.          | 2.5 Y 6/4  | Dense           |       |
| 48-84                   | C2           | Crushed Ledge | 2.5 Y 4/4  | Dense           |       |
| 84+                     | Cr           |               |            | weathered ledge |       |

Standing Water (ft.): 7

Weeping (ft.): None

Estimated High Water (in): 84

Estimated High Water (Elev): 225.5

TP 65-5. Location: House

G.S.=226.8

Date:

April 3, 2023

| Depth From Surface (in) | Soil Horizon | Soil Texture | Soil Color | Other        | Notes          |
|-------------------------|--------------|--------------|------------|--------------|----------------|
| 0-9                     | A            | S.L.         | 10 YR 3/2  | Friable      |                |
| 9-24                    | B            | S.L.         | 10 YR 5/6  | Friable      |                |
| 24-72                   | C            | L.S.         | 2.5 Y 6/4  | Dense        |                |
| 72+                     | Cr           |              |            | Broken Ledge | no water obs'd |

Standing Water (ft.): None

Weeping (ft.): None

Estimated High Water (in): 72

Estimated High Water (Elev): 220.80

SL-TP 1. Location: Slope

G.S.=212.3

Date:

November 10, 2021

| Depth From Surface (in) | Soil Horizon | Soil Texture | Soil Color | Other   | Notes                                              |
|-------------------------|--------------|--------------|------------|---------|----------------------------------------------------|
| 0-4                     | A            | S.L.         | 10 YR 3/2  | friable | just to check no ledge for sewer line installation |
| 4-30                    | B            | S.L.         | 2.5Y 6/6   | friable |                                                    |
| 30-72+                  | C            | L.S.         | 2.5 Y 6/4  | friable |                                                    |

Standing Water (ft.): None

Weeping (ft.): None

Estimated High Water (in): 72

Estimated High Water (Elev): 206.3

SL-TP 2. Location: Edge of Access Road

G.S.=218.3

Date:

November 10, 2021

| Depth From Surface (in) | Soil Horizon | Soil Texture | Soil Color | Other   | Notes    |
|-------------------------|--------------|--------------|------------|---------|----------|
| 0-4                     | A            | S.L.         | 10 YR 3/2  | friable |          |
| 4-32                    | B            | S.L.         | 2.5Y 6/6   | friable | no ledge |
| 32-108+                 | C            | M.L.S.       | 2.5 Y 6/4  | friable | no water |

to expose ledge for sewer line

Standing Water (ft.): None

Weeping (ft.): None

Estimated High Water (in): 108+

Estimated High Water (Elev): 209.3

SL-TP 3. Location: Yard

G.S.=221.53

Date:

November 10, 2021

| Depth From Surface (in) | Soil Horizon | Soil Texture | Soil Color | Other   | Notes |
|-------------------------|--------------|--------------|------------|---------|-------|
| 0-10                    | A            | S.L.         | 10 YR 2/1  | Friable |       |
| 10-36                   | B            | S.L.         | 2.5 Y 6/6  | Friable |       |
| 36-136+                 | C            | Co.M.L.S.    | 2.5 Y 5/4  | Dense   |       |

Standing Water (ft.): None

Weeping (ft.): None

Estimated High Water (in): 120

Estimated High Water (Elev): 211.53

SL-TP 4. Location: Yard

G.S.=220.22

Date:

November 10, 2021

| Depth From Surface (in) | Soil Horizon | Soil Texture | Soil Color | Other   | Notes |
|-------------------------|--------------|--------------|------------|---------|-------|
| 0-12                    | A            | S.L.         | 10 YR 2/1  | Friable |       |
| 12-30                   | B            | S.L.         | 2.5 Y 6/6  | Friable |       |
| 30-120+                 | C            | M.L.S.       | 2.5 Y 5/4  | Dense   |       |

Standing Water (ft.): None

Weeping (ft.): None

Estimated High Water (in): 120

Estimated High Water (Elev): 212.22

Table D.1 Stormwater and Roadway Soil Testing Summary

| Date       | Test Pit        | G.S. Elev. Surveyed (Ft) | Estimated HGW (Ft) | Estimated HGW Elev (Ft) | Soil Texture, C layer | Depth to Ledge measured (Ft) | Testpit Location      | Notes                             |
|------------|-----------------|--------------------------|--------------------|-------------------------|-----------------------|------------------------------|-----------------------|-----------------------------------|
| 4/21/2021  | 55-9N           | 215.25                   | 10                 | 205.25                  | L.S.                  | 10+                          | Stormwater Basin A    |                                   |
| 1/3/2024   | S-A1            | 208.00                   | 2.5                | 205.50                  | L.S.                  | 6+                           | Stormwater Basin A    |                                   |
| 4/21/2021  | 65-10C          | 217.53                   | 14+                | 206.78                  | L.S.                  | 14+                          | Basin B2 Slope        | Perc rate = 7 MPI                 |
| 4/20/2021  | 65-10D          | 212.90                   | 14                 | 200.73                  | L.S.                  | 14                           | Stormwater Basin B-2  | Perc rate <2MPI                   |
| 1/3/2024   | SWTP 1          | 216.79                   | 3.5                | 213.29                  | M.S.                  | -                            | Stormwater Basin B-1  | Hand augered to 42"               |
| 1/3/2024   | SWTP 2          | 217.25                   | 4.5                | 212.75                  | Co.M.L.S.             | 6+                           | Stormwater Basin C    |                                   |
| 4/4/2023   | SWTP 3          | 224.50                   | 10+                | 214.50                  | L.S.                  | 10                           | Yard                  | Weathered ledge. No water obs'd   |
| 4/4/2023   | SWTP 5          | 215.50                   | 10+                | 205.50                  | M.L.S.                | 10                           | Back Slope            |                                   |
| 4/3/2023   | SWTP 6          | 226.75                   | 4                  | 222.75                  | M.L.S.                | 5                            |                       | Weathered ledge                   |
| 4/4/2023   | TP Unit 1/2     | 214.45                   | 4                  | 210.45                  | L.S.-M.S.             | 7                            | House                 |                                   |
| 4/4/2023   | TP Unit 3/4     | 215.67                   | 4                  | 211.67                  | M.S.                  | 8                            | House                 |                                   |
| 4/4/2023   | TP Unit 5/6 (1) | 217.34                   | 5.5                | 211.84                  | M.S.                  | 8                            | House                 | Weathered ledge                   |
| 4/4/2023   | TP Unit 5/6 (2) | 216.29                   | 4                  | 212.29                  | M.S.-L.S.             | 6'/ 5'                       | House                 | ledge is sloped                   |
|            | Dug Well        | 216.40                   | 10.75              | 205.65                  | L.S.                  | 13                           | House                 | Dug Well                          |
| 11/9/2021  | DHTP 4-1        | 222.86                   | 10                 | 215.24                  | S.L.-L.S.             | 10+                          | Unit 1 driveway       |                                   |
| 11/9/2021  | DHTP 4-2        | 217.92                   | 11.5               | 208.80                  | S.L.-L.S.             | 12                           | House                 | Perc rate = 5 MPI                 |
| 4/20/2021  | 65-10           | 215.87                   | 9.67               | 206.20                  | L.S.                  | 12                           | House                 | Weathered ledge                   |
| 4/20/2021  | 65-10A          | 220.60                   | 10                 | 211.93                  | M.L.S.                | 12.5                         | House                 | Weathered ledge. Perc rate= 4 MPI |
| 3/29/2023  | TP R1           | 216.48                   | 3                  | 213.48                  | M.S.-L.S.             | -                            | Road                  | Auguer test                       |
| 3/29/2023  | TP R2           | 216.67                   | 3                  | 213.67                  | M.L.S.                | -                            | Road                  | Auguer test                       |
| 4/3/2023   | TP R3           | 219.71                   | 4                  | 215.71                  | M.L.S.                | 4                            | Road                  | Weathered ledge. No water obs'd   |
| 4/3/2023   | TP R4           | 224.50                   | 3.5                | 221.00                  | S.L.                  | 3.5                          | Road Edge             | Weathered ledge. No water obs'd   |
| 4/3/2023   | TP R5           | 218.06                   | 4.67               | 213.39                  | S.L.-L.S.             | 8                            | Road                  | Weathered ledge                   |
| 4/3/2023   | TP R6           | 223.60                   | 7                  | 216.60                  | L.S.                  | 7                            | Road                  | Weathered ledge. No water obs'd   |
| 4/3/2023   | TP R7           | 227.75                   | 6                  | 221.75                  | L.S.                  | 6.67                         | Road                  | Weathered ledge. No water obs'd   |
| 4/4/2023   | TP R 8/10       | 229.30                   | 6                  | 223.30                  | M.L.S.                | 7                            | Road Edge/Driveway    | Weathered ledge. No water obs'd   |
| 4/3/2023   | TP R8           | 227.80                   | 5                  | 222.80                  | M.L.S.                | 5                            | Road                  | Weathered ledge. No water obs'd   |
| 4/4/2023   | TP R9           | 228.30                   | 9                  | 219.30                  | M.L.S.                | 9                            | Road                  | Weathered ledge. No water obs'd   |
| 4/3/2023   | TP R10          | 228.20                   | 5                  | 223.20                  | M.L.S.                | 6                            | Road                  | Weathered ledge                   |
| 4/3/2023   | TP R11          | 230.75                   | 6                  | 224.75                  | F.M.S.                | 8                            | Road                  | Weathered ledge                   |
| 4/3/2023   | TP R12          | 235.75                   | 4                  | 231.75                  | S.L.                  | 6                            | Road                  |                                   |
| 4/3/2023   | TP R13          | 231.00                   | 2.33               | 228.67                  | Broken Ledge          | 4                            | Road                  | Weathered ledge                   |
| 4/3/2023   | TP R14          | 231.00                   | 4                  | 227.00                  | F.M.S.                | 9.5                          | Road                  | Weathered ledge                   |
| 4/3/2023   | TP Unit 22/23   | 231.00                   | 5                  | 226.00                  | Co.M.L.S.             | 10                           | Between house 22 & 23 |                                   |
| 4/4/2023   | TP Unit 26/27   | 232.50                   | 7                  | 225.50                  | L.S.                  | 7                            | Back yard of unit 26  | Weathered ledge                   |
| 4/3/2023   | TP 65-5         | 226.8                    | 6                  | 220.80                  | L.S.                  | 6                            | House                 | Broken Ledge. No water obs'd      |
| 11/10/2021 | SL-TP1          | 212.3                    | 6+                 | 206.3                   | L.S.                  | 6+                           | Slope                 |                                   |
| 11/10/2021 | SL-TP2          | 218.3                    | 9+                 | 209.3                   | M.L.S.                | 9+                           | Edge of Access Road   |                                   |
| 11/10/2021 | SL-TP3          | 221.53                   | 10                 | 211.53                  | Co.M.L.S.             | 11.33+                       | Yard                  |                                   |
| 11/10/2021 | SL-TP4          | 221.41                   | 10                 | 213.79                  | M.L.S.                | 10+                          | Yard                  |                                   |

APPROVED UNDER MASSACHUSETTS GENERAL LAW CHAPTER 40B

DATE APPROVED: \_\_\_\_\_  
DATE ENDORSED: \_\_\_\_\_  
SHERBORN ZONING BOARD OF APPEALS

I HEREBY CERTIFY THAT 20 DAYS HAVE LAPSED SINCE THE SHERBORN ZONING BOARD OF APPEALS APPROVAL HAS FILED WITH THE SHERBORN TOWN CLERK AND THAT NO APPEAL HAS BEEN FILED WITH THIS OFFICE.

DATE \_\_\_\_\_  
JACKLYN R. MORRIS  
SHERBORN TOWN CLERK

Creative Land & Water Engineering, LLC

Environmental Scientists and Engineers

P.O. Box 584 - Southborough - MA - 01772

774-454-0266      www.claweng.com

Plan Title:

Soil Logs (2 of 2)

Project Name:

Farm Road Homes

Site Address:

65 Farm Road - Sherborn, MA

Owner:

Fenix Partners Farm Road Development, LLC

Client:

Robert Murchison

Project No:

J269-12

Drawn by:

FA

Date:

02/01/24

Sheet No:

16 of 22

Designed by:

DSW, FA

Approved by:

DSW

Scale:

-

Rev.:

Date:

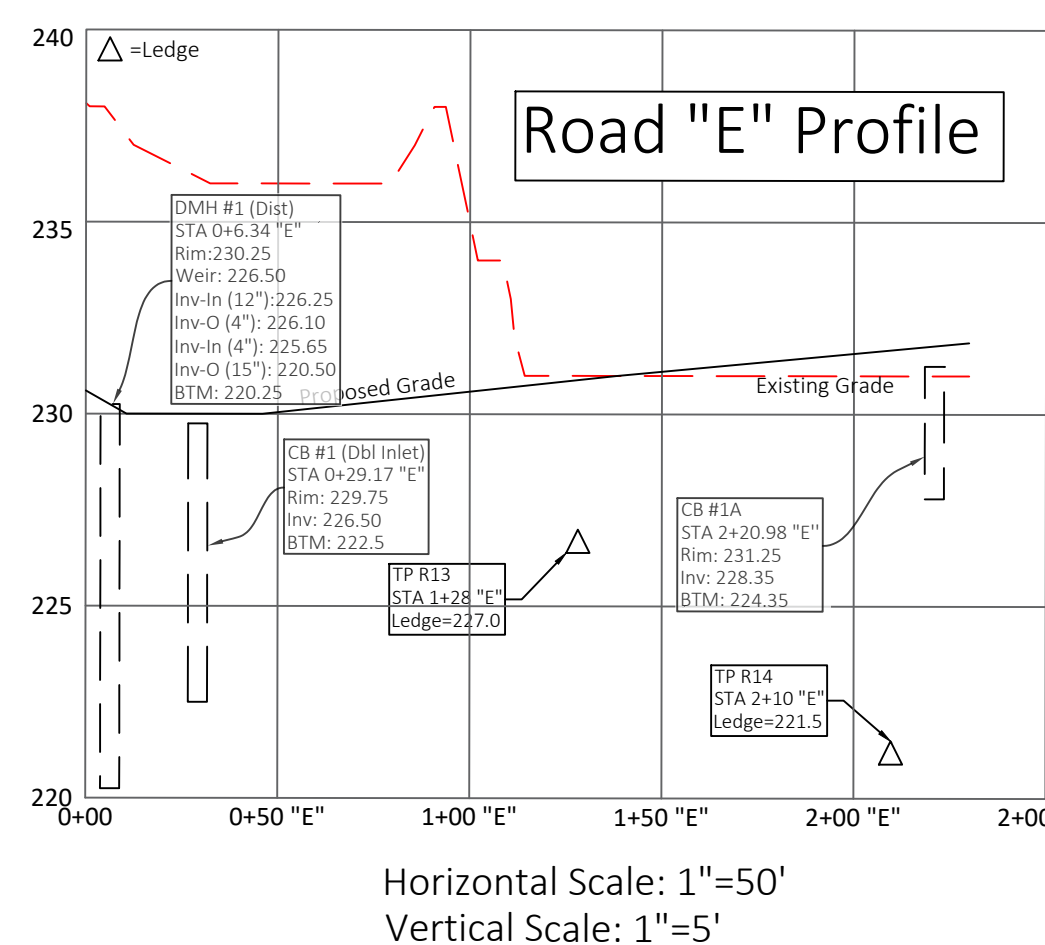
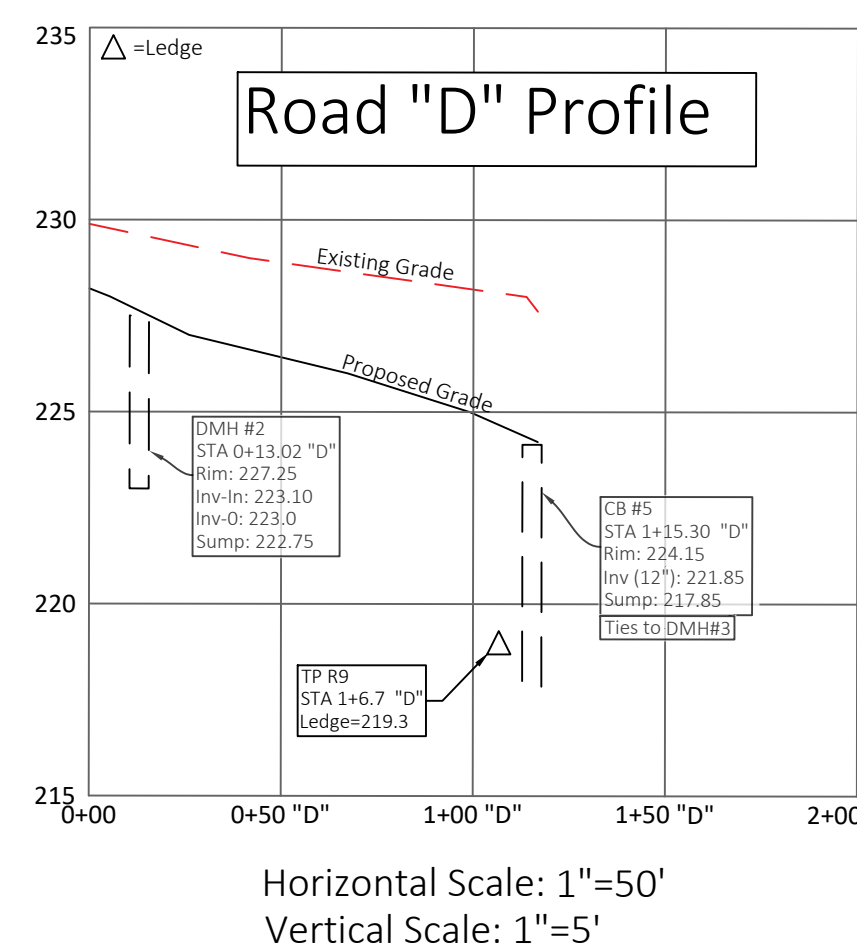
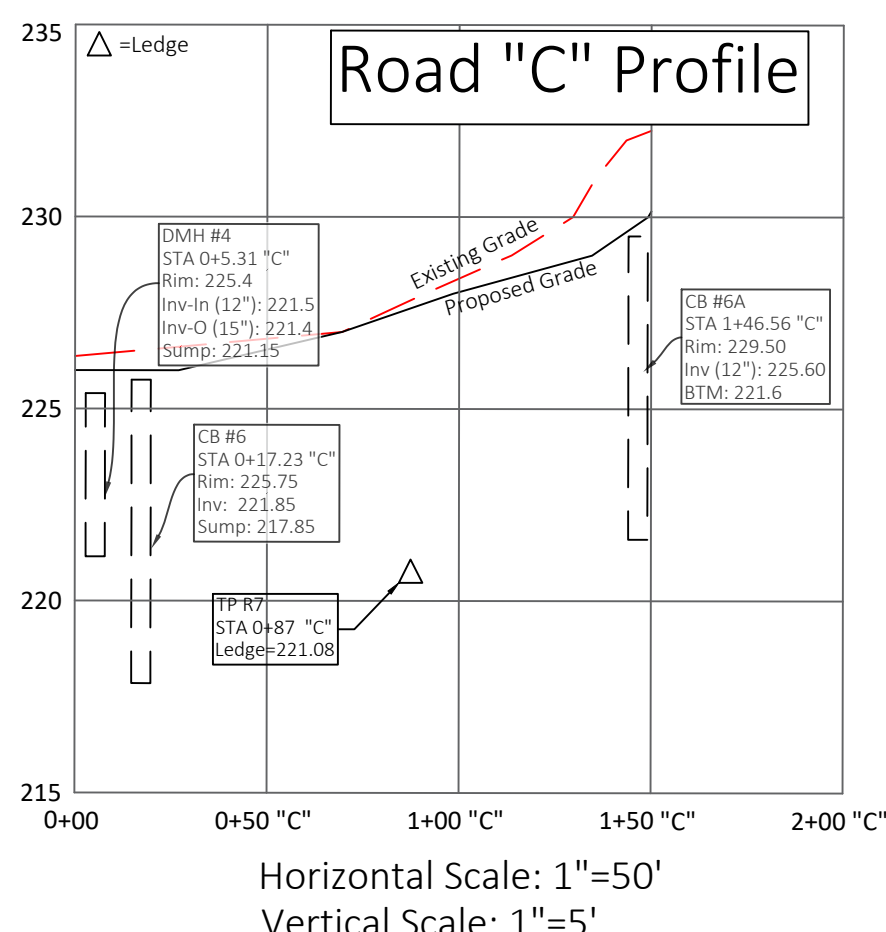
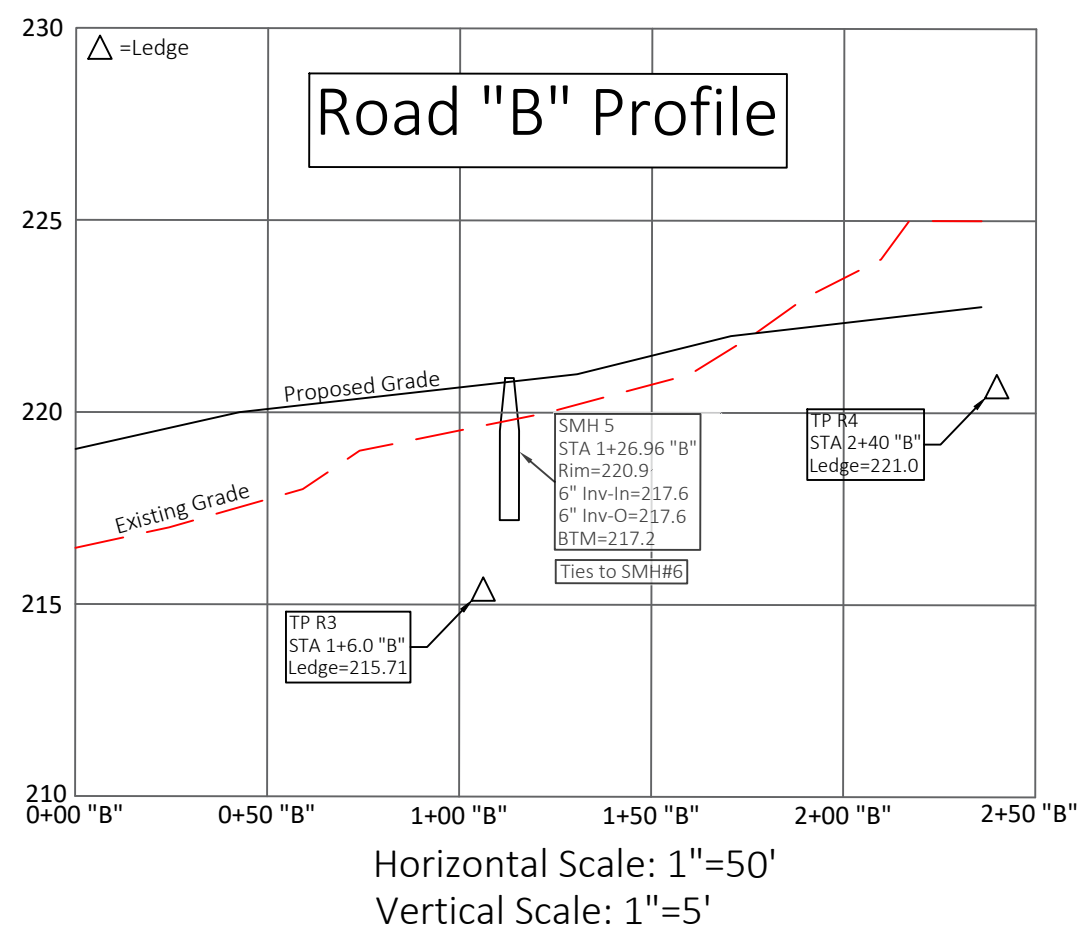
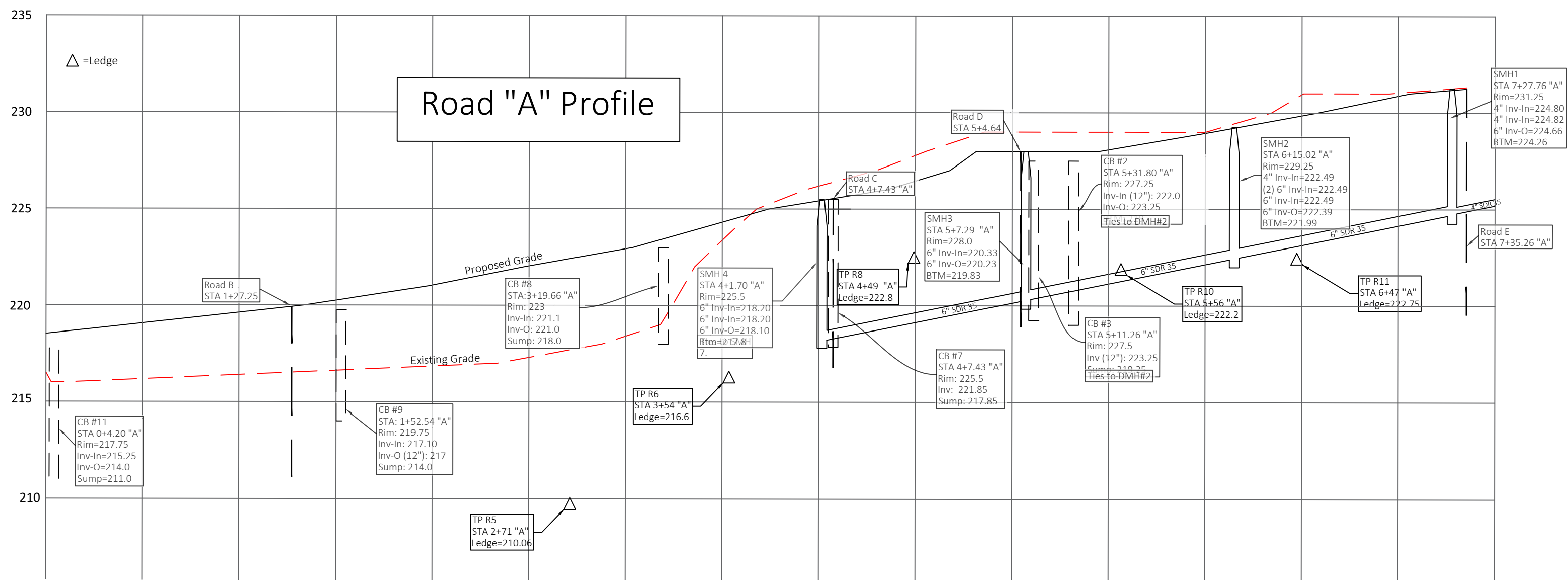
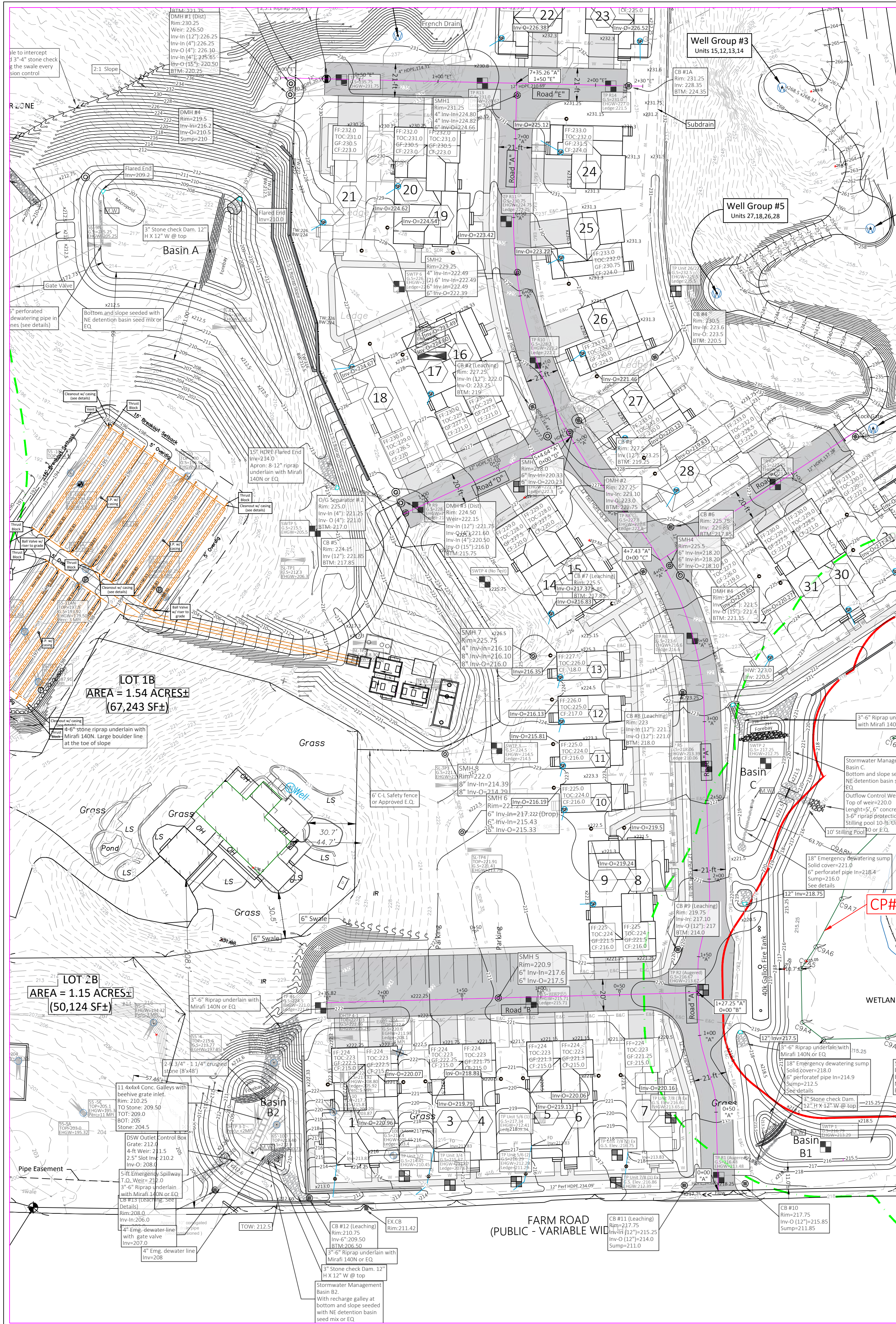
Description

By:

DESIGNED BY: DESHENG WANG  
NO. 39511  
REGISTERED PROFESSIONAL ENGINEER

J269-12





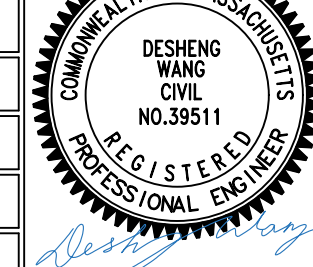
APPROVED UNDER MASSACHUSETTS GENERAL LAW CHAPTER 40B

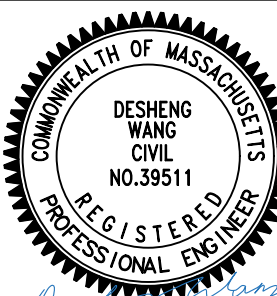
DATE APPROVED: \_\_\_\_\_  
DATE ENDORSED: \_\_\_\_\_  
SHERBORN ZONING BOARD OF APPEALS

I HEREBY CERTIFY THAT 20 DAYS HAVE LAPSED SINCE THE SHERBORN ZONING BOARD OF APPEALS APPROVAL HAS FILED WITH THE SHERBORN TOWN CLERK AND THAT NO APPEAL HAS BEEN FILED WITH THIS OFFICE.

DATE \_\_\_\_\_ JACKLYN R. MORRIS  
SHERBORN TOWN CLERK

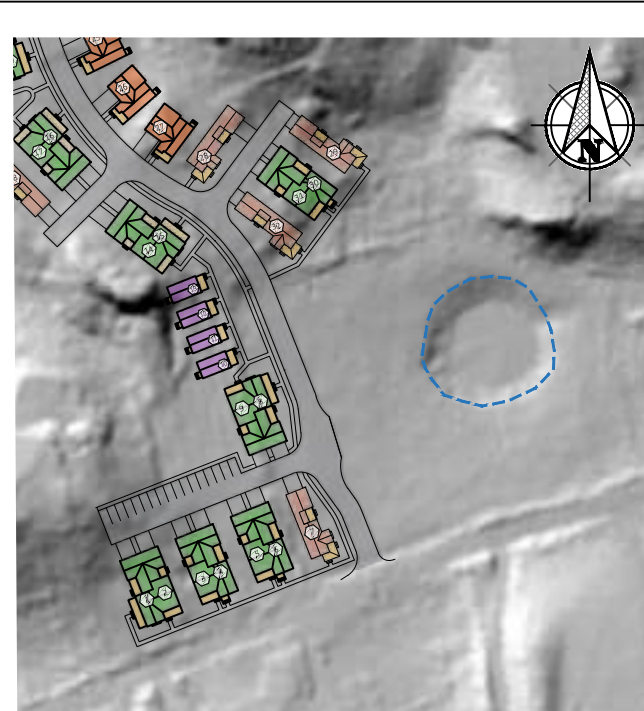
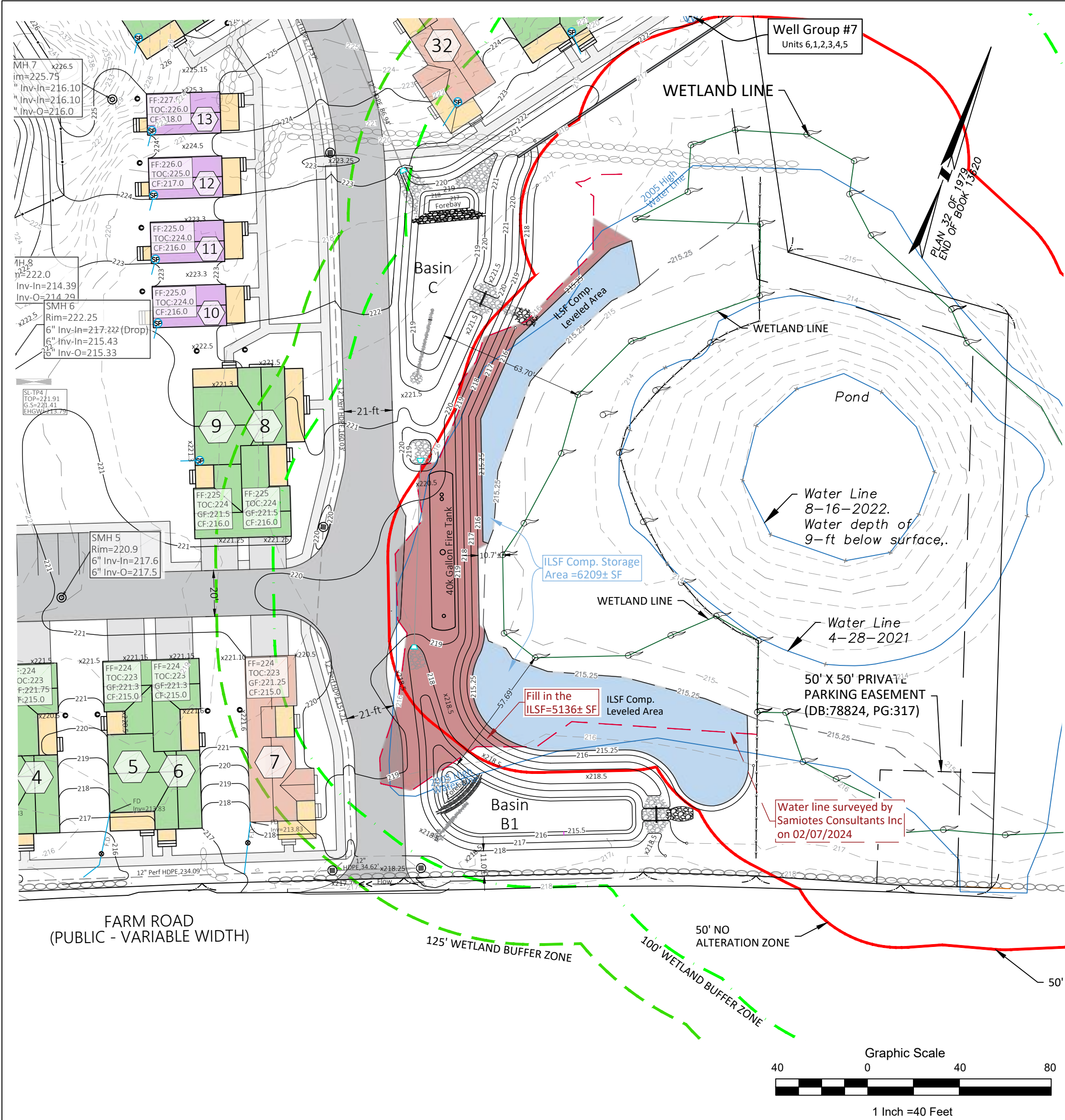
**Creative Land & Water Engineering, LLC**  
Environmental Scientists and Engineers  
P.O. Box 584 - Southborough - MA - 01772  
774-454-0266 www.claweng.com

|               |  |                               |  |              |  |                  |  |        |  |            |  |                                                                                       |  |          |  |
|---------------|--|-------------------------------|--|--------------|--|------------------|--|--------|--|------------|--|---------------------------------------------------------------------------------------|--|----------|--|
| Plan Title:   |  | Drainage & Sewer Profiles     |  |              |  |                  |  |        |  |            |  |                                                                                       |  |          |  |
| Project Name: |  | Farm Road Homes               |  |              |  |                  |  |        |  |            |  |                                                                                       |  |          |  |
| Site Address: |  | 65 Farm Road - Sherborn, MA   |  |              |  |                  |  |        |  |            |  |                                                                                       |  |          |  |
| Owner:        |  | Fenix Partners Farm Road, LLC |  | Client:      |  | Robert Murchison |  |        |  |            |  |                                                                                       |  |          |  |
| Project No:   |  | J269-12                       |  | Drawn by:    |  | FA               |  | Date:  |  | 02/14/2024 |  | Sheet No:                                                                             |  | 17 of 22 |  |
| Designed by:  |  | DSW, FA                       |  | Approved by: |  | DSW              |  | Scale: |  | Indicated  |  |                                                                                       |  |          |  |
|               |  |                               |  |              |  |                  |  |        |  |            |  |  |  |          |  |
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| Rev.:         |  | Date:                         |  |              |  | Description      |  |        |  | By:        |  |                                                                                       |  |          |  |





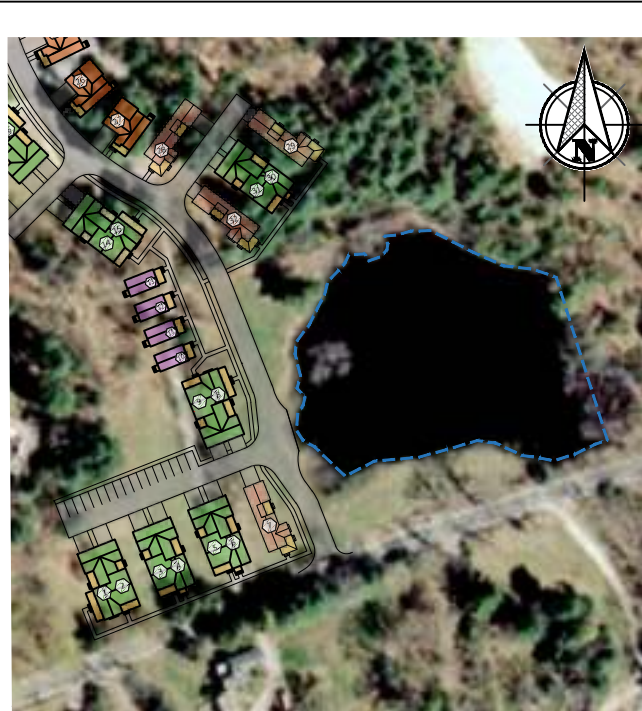
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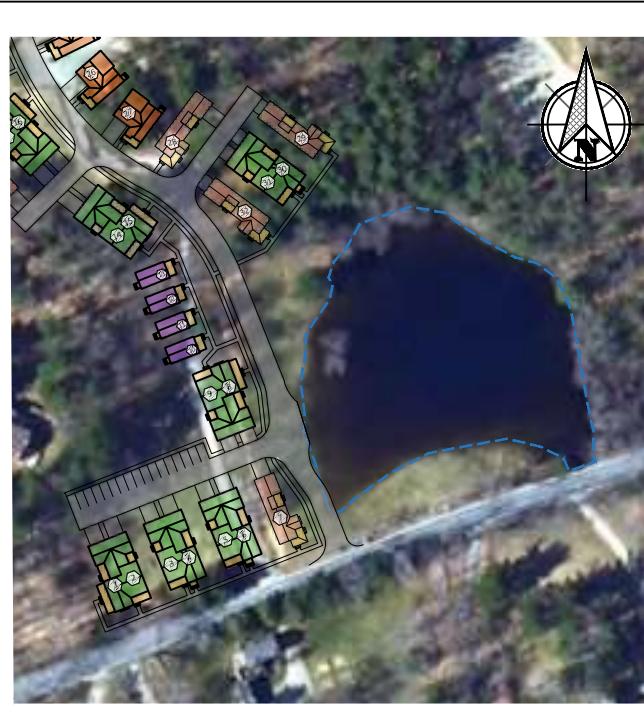
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N.T.S



03/1995 - Source: USGS, Mass GIS  
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12/31/2000 - Source: Mass GIS  
1:200



03/31/2005 - Source: USGS, Mass GIS  
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04/09/2008 - Source: USGS, Mass GIS  
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2011 - Source: Digital Globe, Mass GIS  
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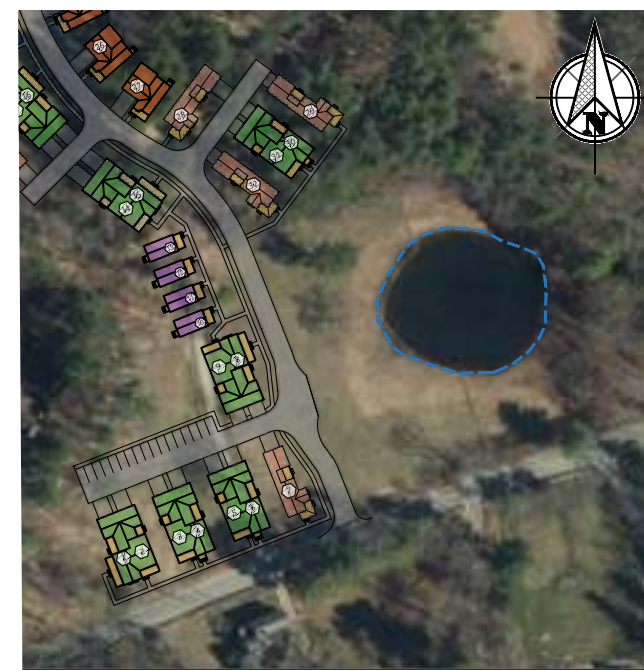
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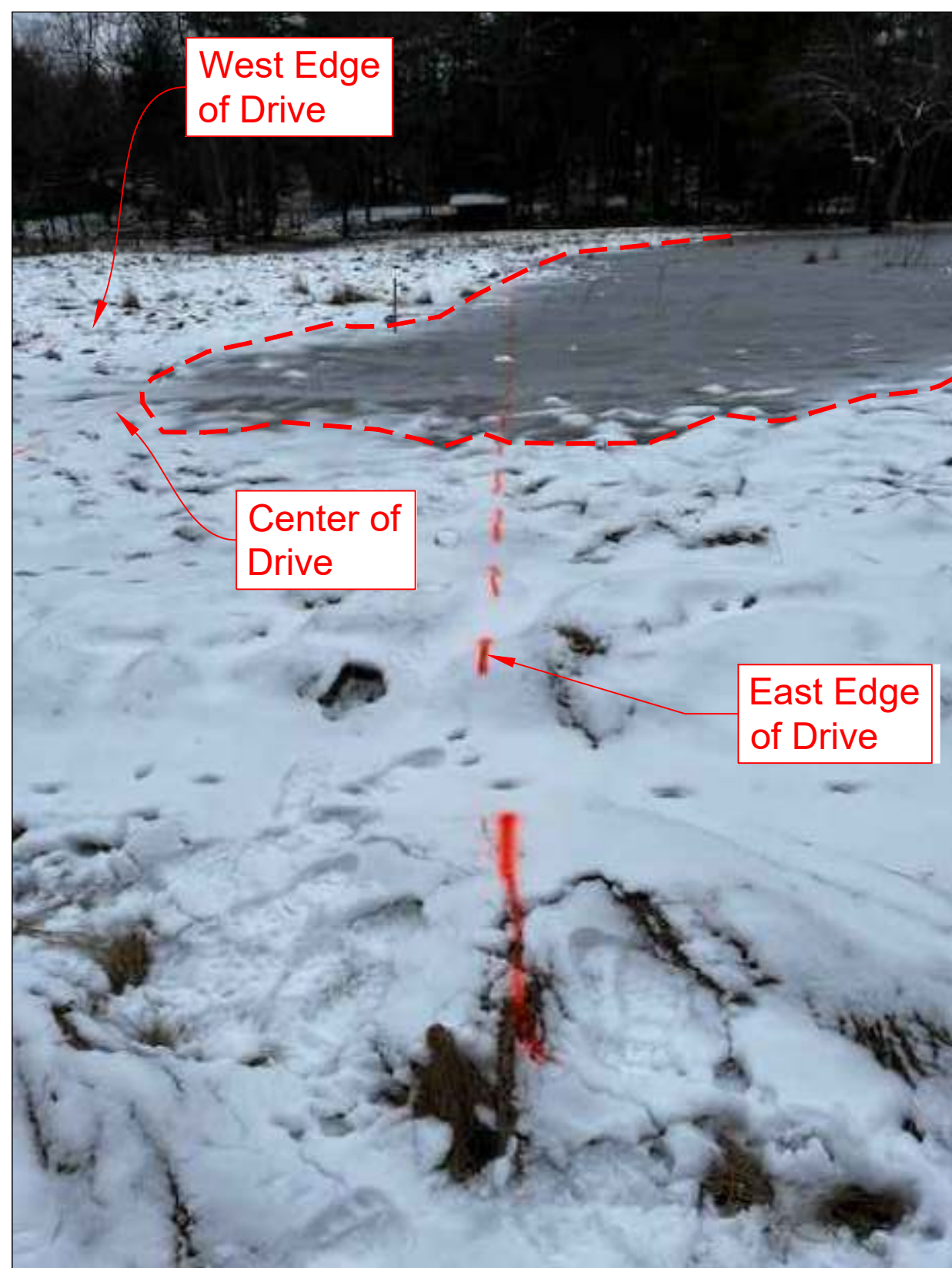
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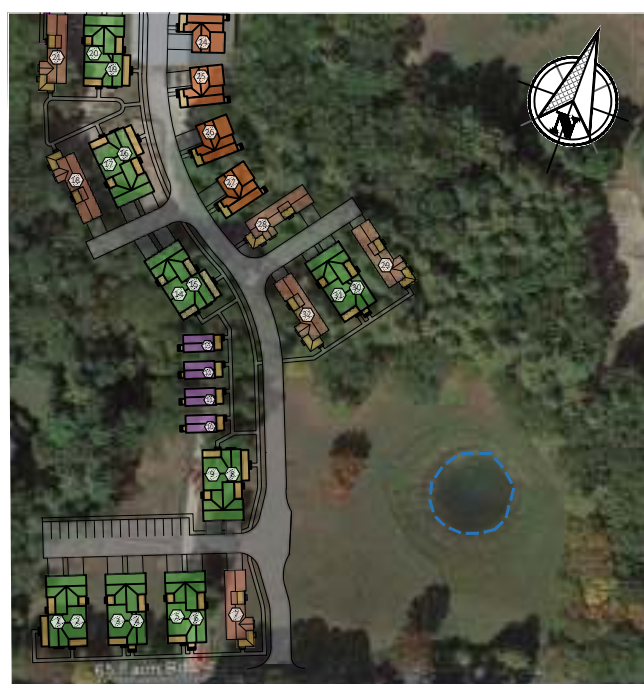
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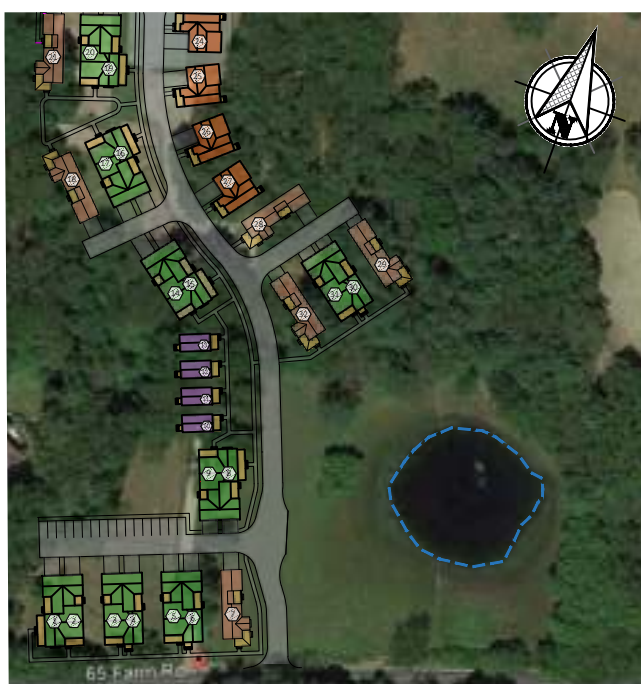
2021 - Source: Mass GIS  
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8/24/2013 - Source: Google Earth  
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09/27/2014 - Source: Google Earth  
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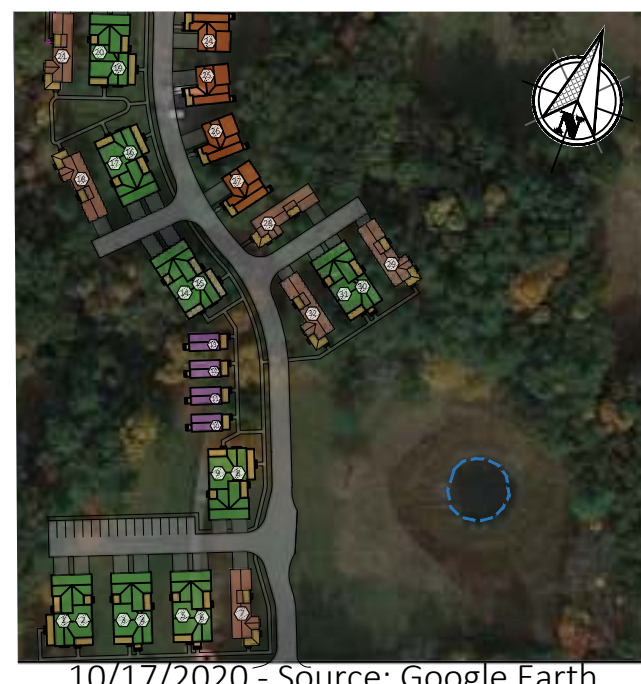
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04/22/2018 - Source: Google Earth  
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10/17/2020 - Source: Google earth  
1:200



05/09/2023 - Source: Google Earth  
1:200

APPROVED UNDER MASSACHUSETTS GENERAL  
LAW CHAPTER 40B

DATE APPROVED: \_\_\_\_\_  
DATE ENDORSED: \_\_\_\_\_  
SHERBORN ZONING BOARD OF APPEALS

I HEREBY CERTIFY THAT 20 DAYS HAVE  
LAPSED SINCE THE SHERBORN ZONING  
BOARD OF APPEALS APPROVAL HAS FILED  
WITH THE SHERBORN TOWN CLERK AND  
THAT NO APPEAL HAS BEEN FILED WITH THIS  
OFFICE.

DATE \_\_\_\_\_  
JACKLYN R. MORRIS  
SHERBORN TOWN CLERK

#### Planting Notes

1. The topsoil with the meadow root mat in the ILSF fill area of 5136 SF and flood compensatory area of about 6209 SF will be saved right and stored onsite for transplanting use.
2. The compensatory area will be excavated 12" below proposed grade.
3. The saved loam and meadow root mat of about 12" will be placed back in the compensatory area.
4. Any disturbed area without root mat shall be seeded with native wildflower seeds.
5. The area of transplanting shall be watered for two weeks to allow new roots to grow.
6. The compensatory area shall be monitored for two growing seasons for survival rate of 75% or more coverage. Overseed the area as needed.
7. Inspection report will be submitted to ZBA and/or Conservation Commission as conditioned.

#### ILSF Notes

1. The subject pond was constructed in 1980 for farm animals according to the former owners.
2. The pond is located mostly on 65 Farm Road and extends to offsite east to Sherborn Town Conservation Land.
3. The water line had been surveyed by Samiotes Consultants, Inc on three separate dates. On 04/28/21, 08/16/22 and most recently during high water levels 02/07/24. The western 3/4 of the pond is surrounded by mowed meadow field and the eastern and northeastern has trees. The vegetation condition could have some impact on the accuracy on the aerial mapping.
5. The 2/7/2024 surveyed flood limit was jointly inspected by Conservation Agent, Joyce Hasting, Town Administrator, Jeremy Marsette, and Desheng Wang of Creative Land & Water Engineering, LLC with the owner Bob Murchison on 1/31/2024. 2005 and 2008 had similar flooding area.
6. Based on the available aerial photos, the maximum pond water surface extents, and its variations are presented in the overlay maps.

## Creative Land & Water Engineering, LLC

Environmental Scientists and Engineers

P.O. Box 584 - Southborough - MA - 01772

774-454-0266

www.claweng.com

Plan Title: ILSF Compensatory Design Plan

Project Name: Farm Road Homes

Site Address: 65 Farm Road, Sherborn, MA

Owner: Fenix Partners Farm Road Development, LLC

Client: Robert Murchison

Project No: J269-12

Drawn by: FA

Date: 02/14/2024

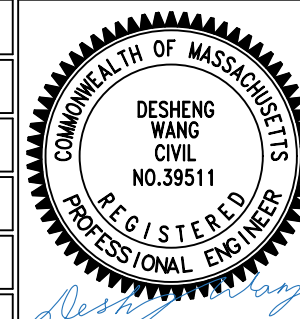
Sheet No: 18 of 22

Designed by: DSW, FA

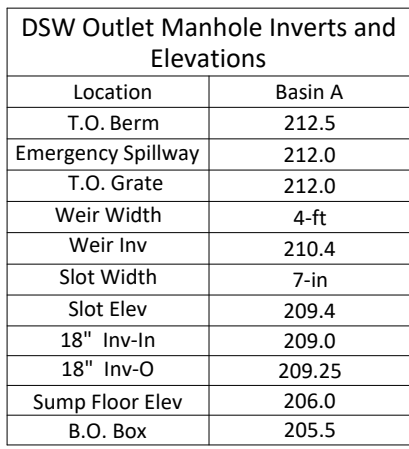
Approved by: DSW

Scale: Indicated

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| Rev.: | Date: | Description | By: |
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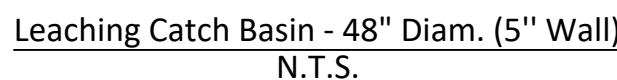
Basin A Detail  
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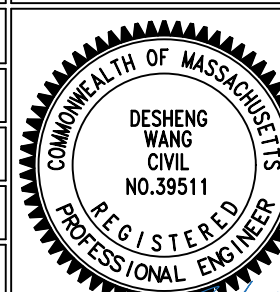


Section A-A  
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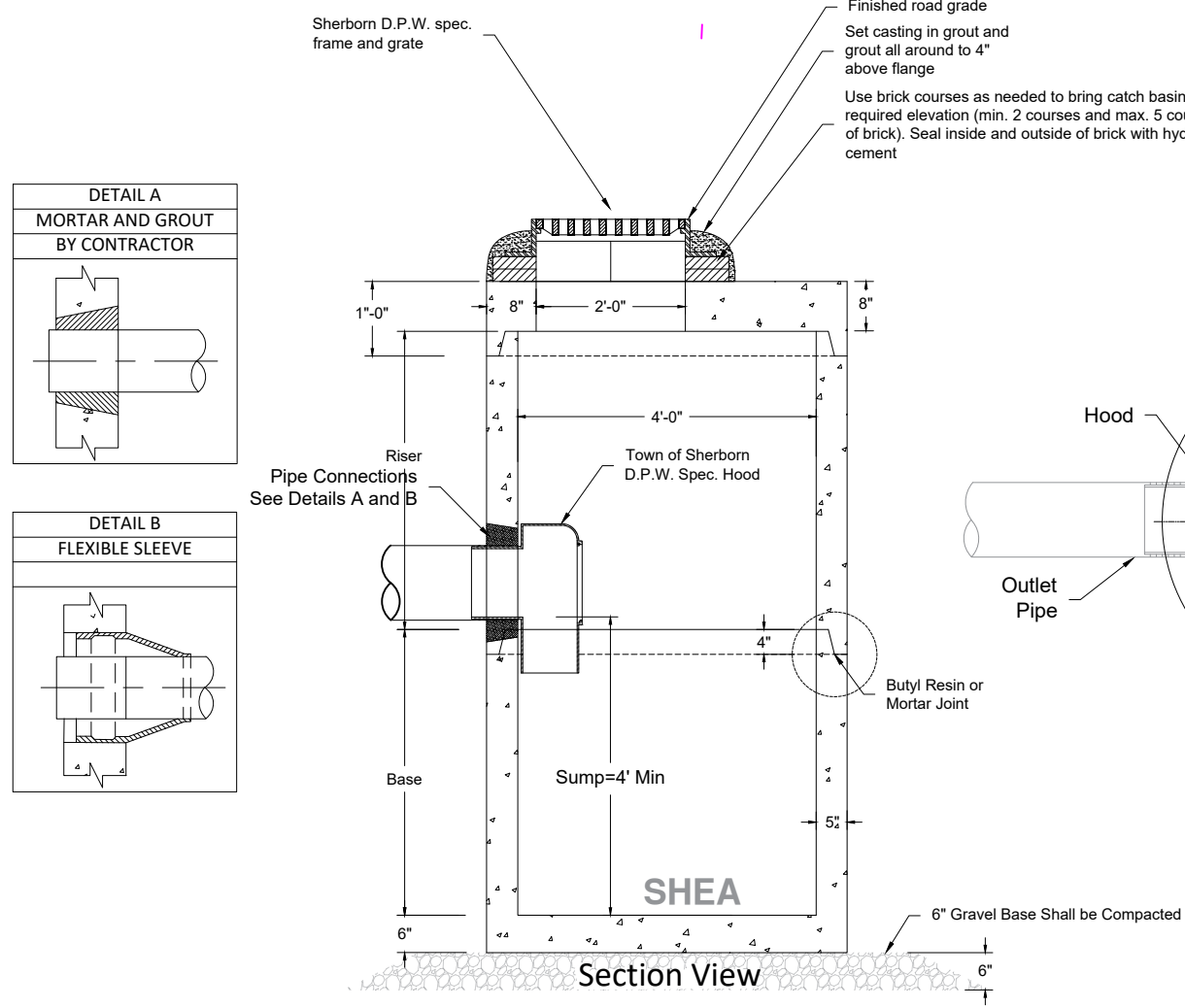


Infiltration Basin Emergency Dewatering System  
N.T.S.

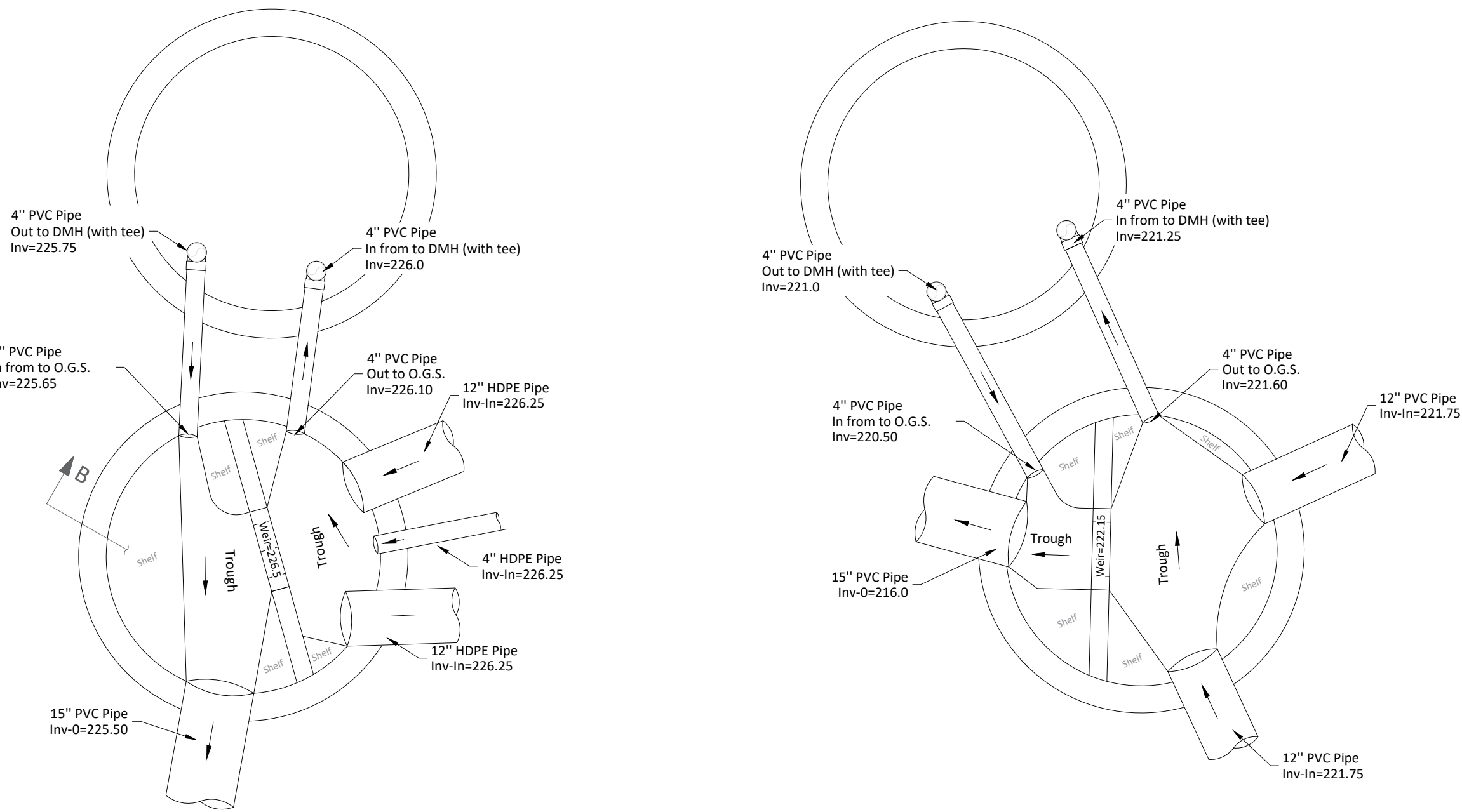
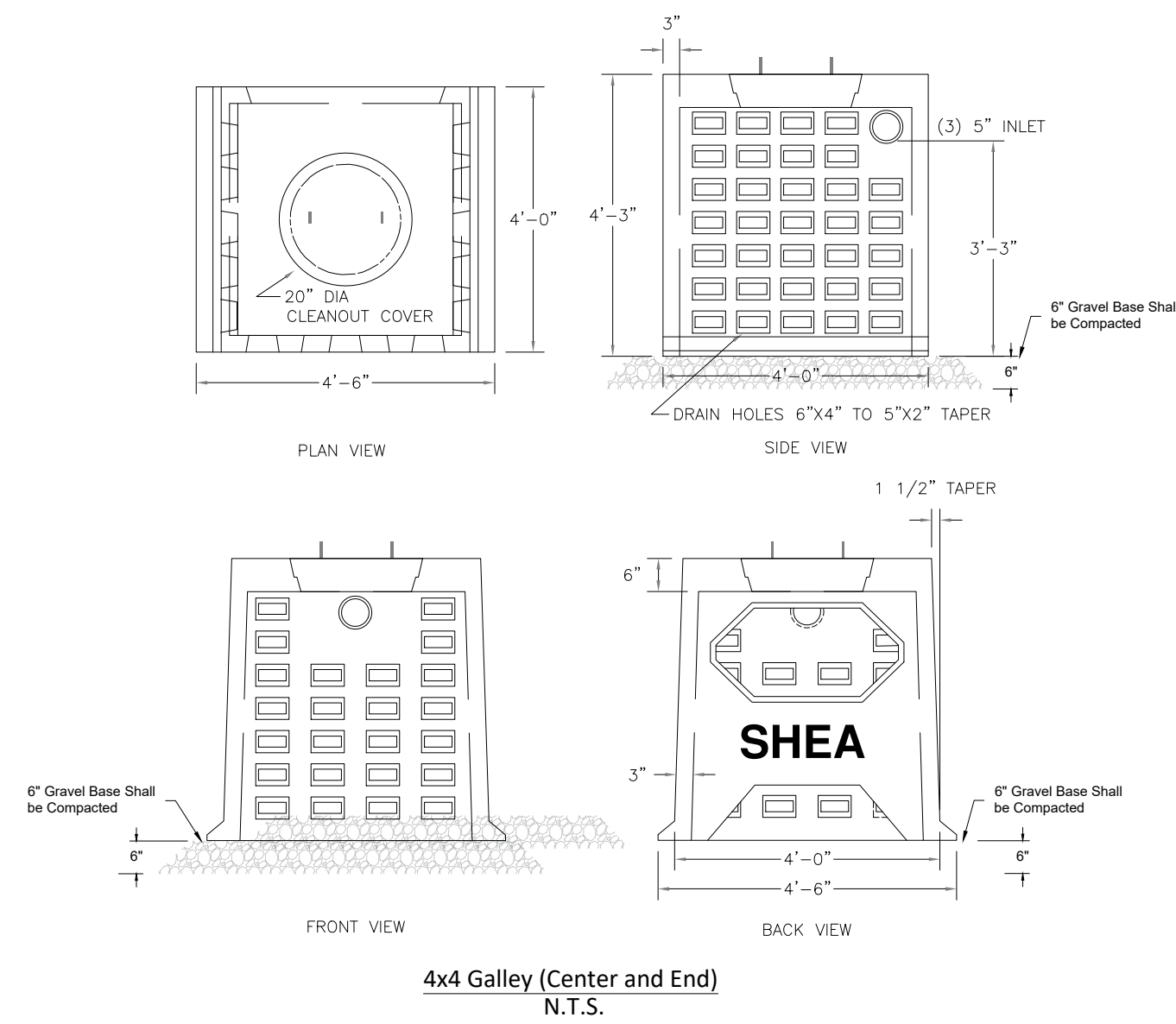
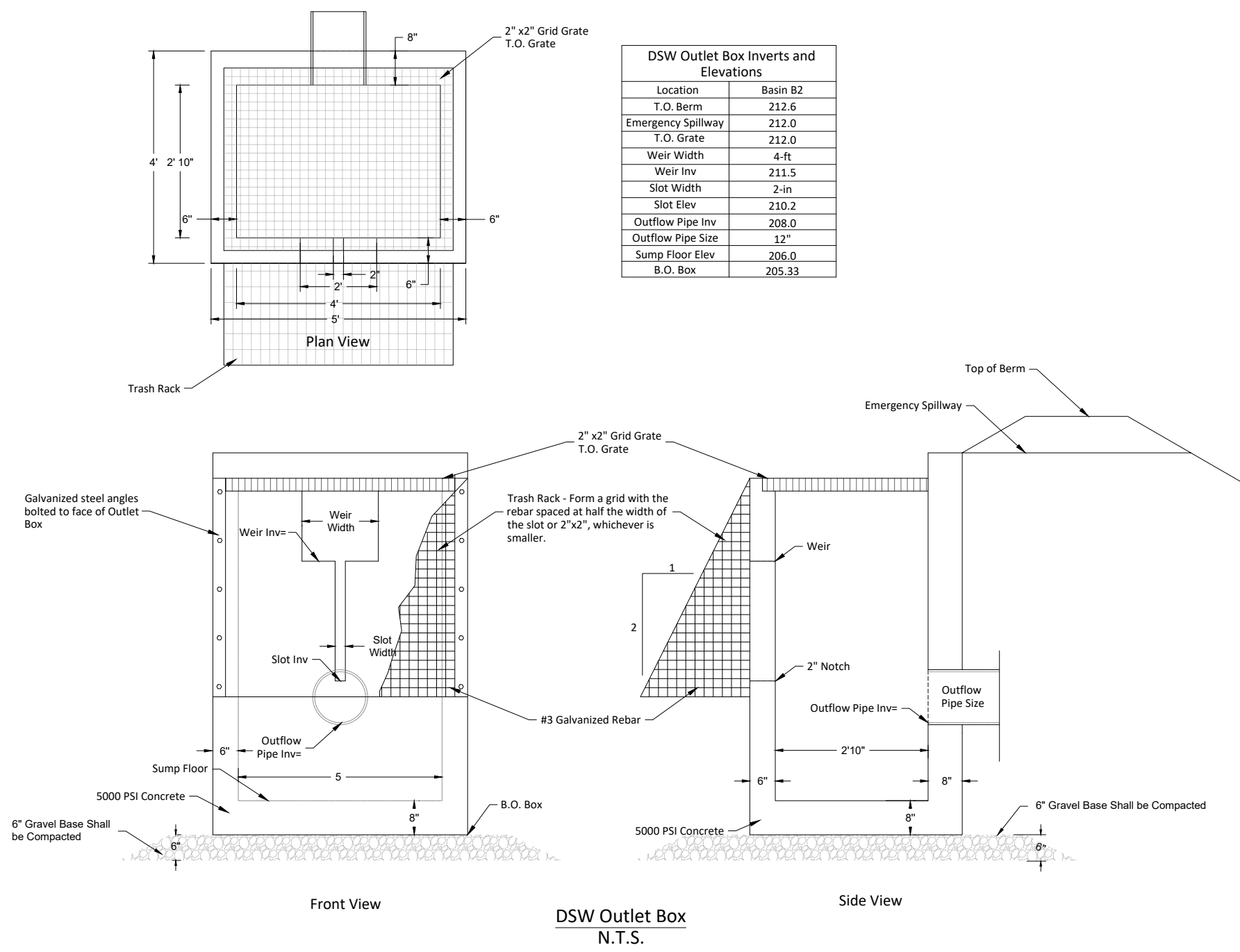


|                                                                                                                                                                                                                                                                               |                  |                               |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------|---------------------------------------------------------------------------------------|
| <h1 style="text-align: center;">Creative Land &amp; Water Engineering, LLC</h1> <h2 style="text-align: center;">Environmental Scientists and Engineers</h2> <p style="text-align: center;">P.O. Box 584 - Southborough - MA - 01772<br/>774-454-0266      www.claweng.com</p> |                  |                               |                                                                                       |
| Plan Title:                                                                                                                                                                                                                                                                   |                  | Construction Details (1 of 2) |                                                                                       |
| Project Name:                                                                                                                                                                                                                                                                 |                  | Farm Road Homes               |                                                                                       |
| Site Address:                                                                                                                                                                                                                                                                 |                  | 65 Farm Road, Sherborn, MA    |                                                                                       |
| Owner: Fenix Partners Farm Road Development, LLC                                                                                                                                                                                                                              |                  | Client: Robert Murchison      |                                                                                       |
| Project No: J269-12                                                                                                                                                                                                                                                           | Drawn by: FA     | Date: 09/28/2023              | Sheet No: 19 of 22                                                                    |
| Designed by: DSW, FA                                                                                                                                                                                                                                                          | Approved by: DSW | Scale: Indicated              |  |
|                                                                                                                                                                                                                                                                               |                  |                               |                                                                                       |
|                                                                                                                                                                                                                                                                               |                  |                               |                                                                                       |
|                                                                                                                                                                                                                                                                               |                  |                               |                                                                                       |
|                                                                                                                                                                                                                                                                               |                  |                               |                                                                                       |
| Rev.:                                                                                                                                                                                                                                                                         | Date:            | Description                   | By:                                                                                   |



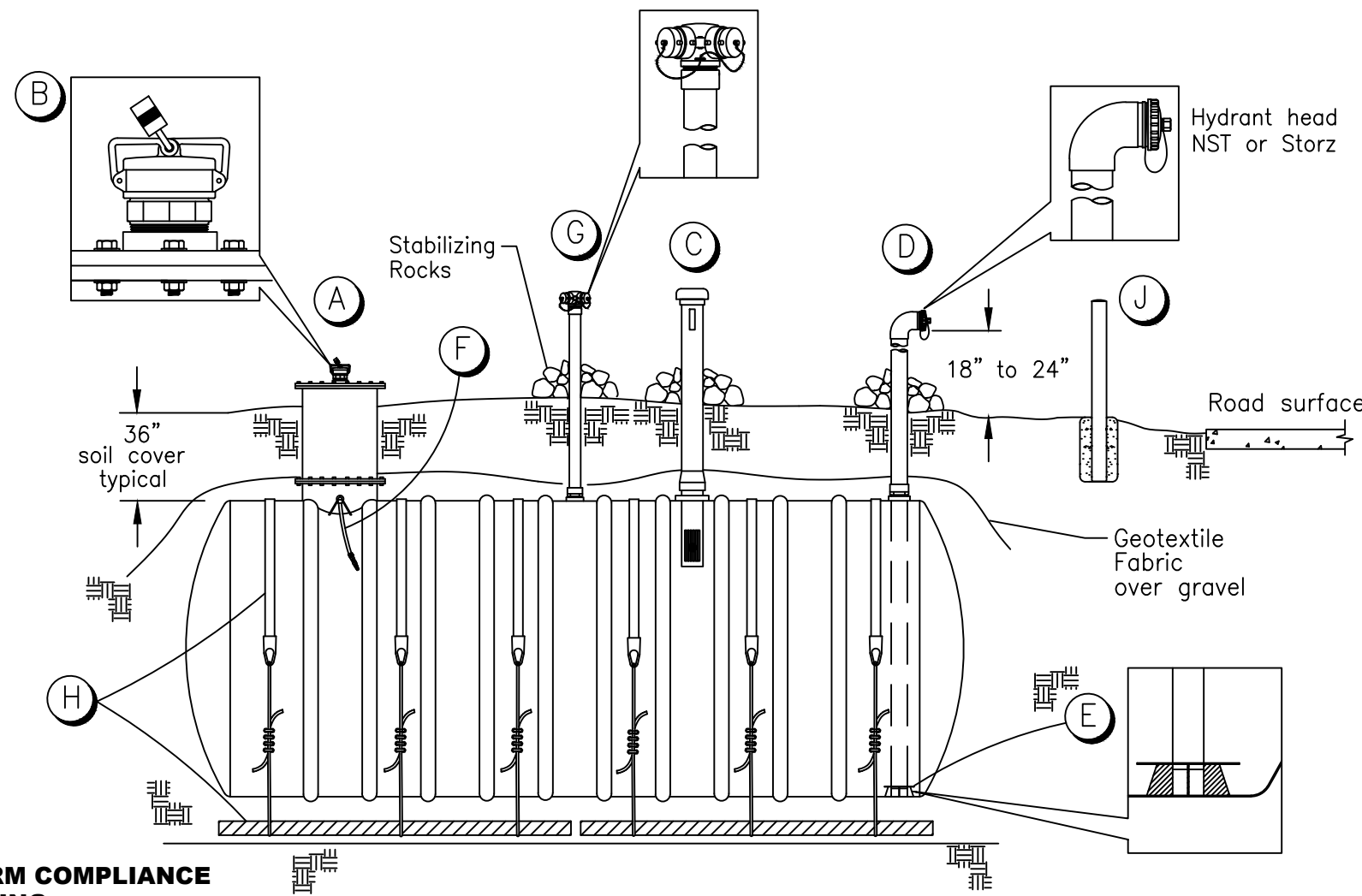


Catch Basin - 48" Diam TYP.  
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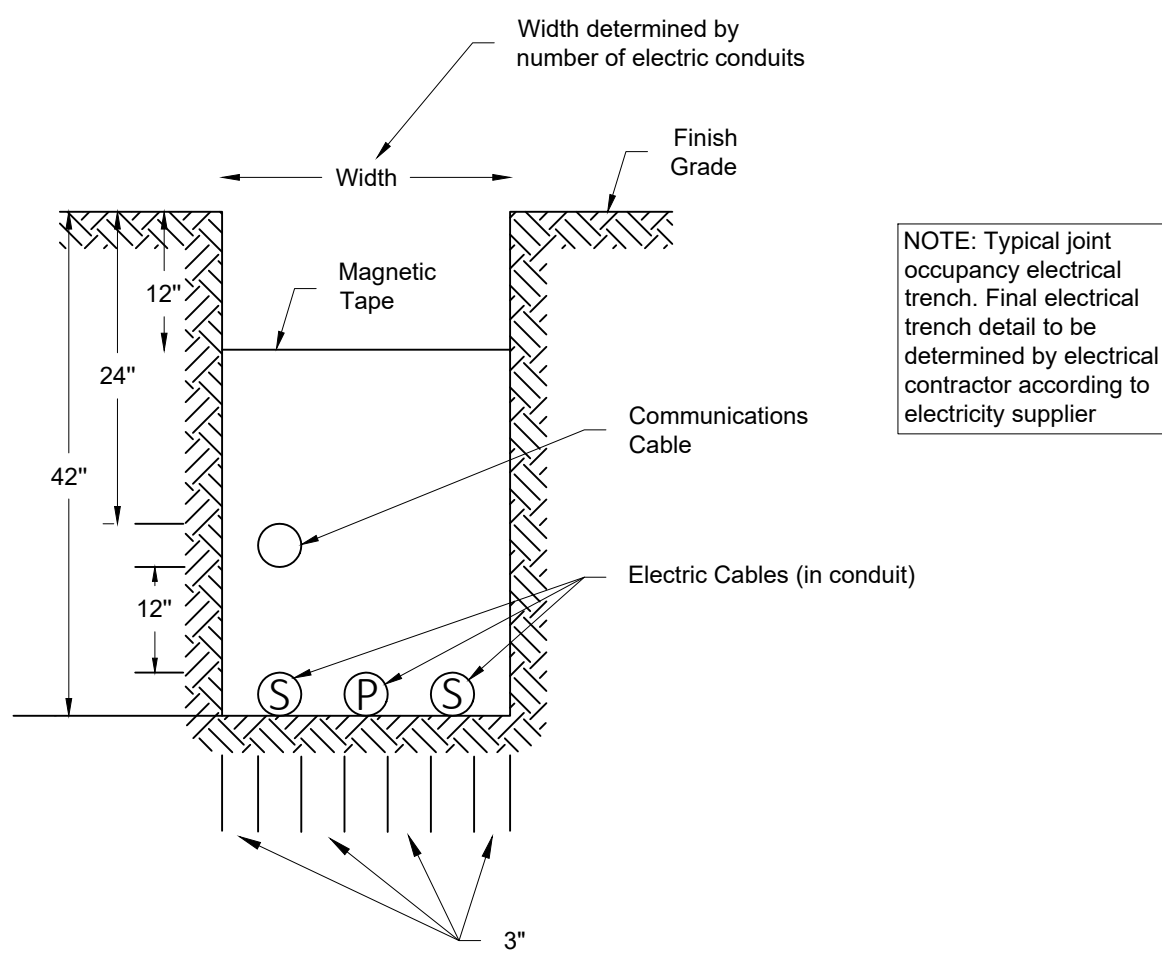


DMH & Oil/ Grit Separator #1 Detail  
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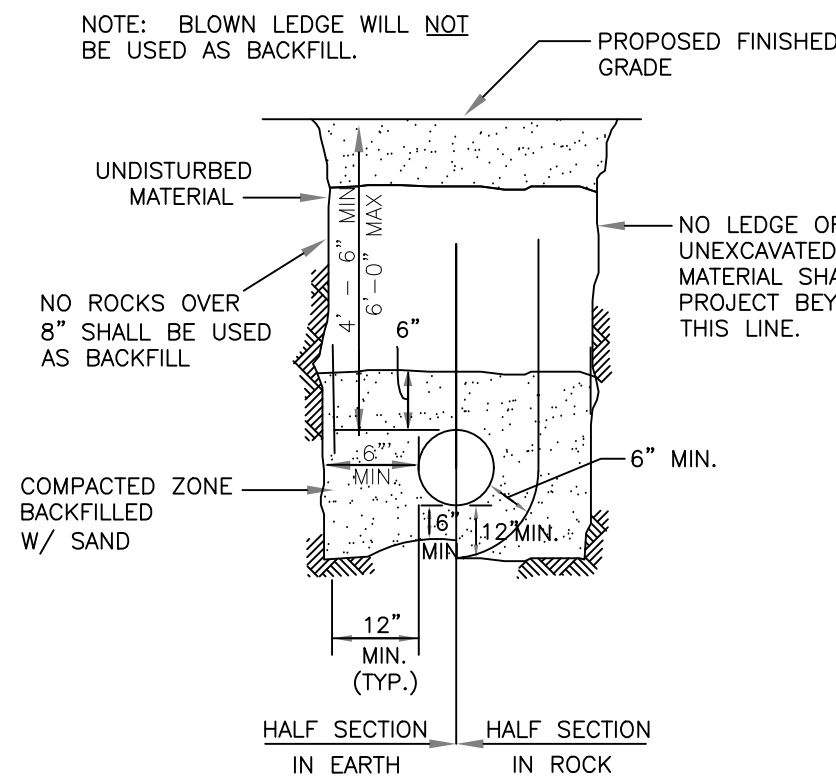
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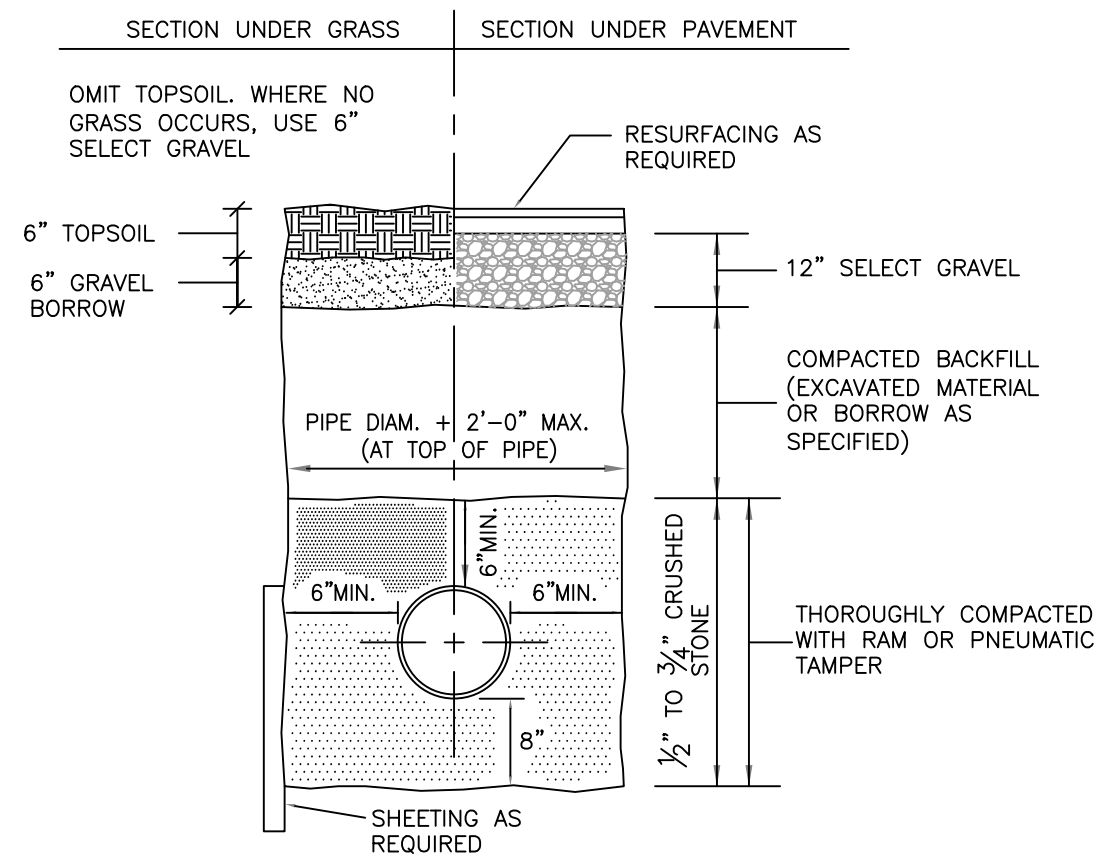
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BEFORE ORDERING**  
NOT TO SCALE, FOR ILLUSTRATION ONLY



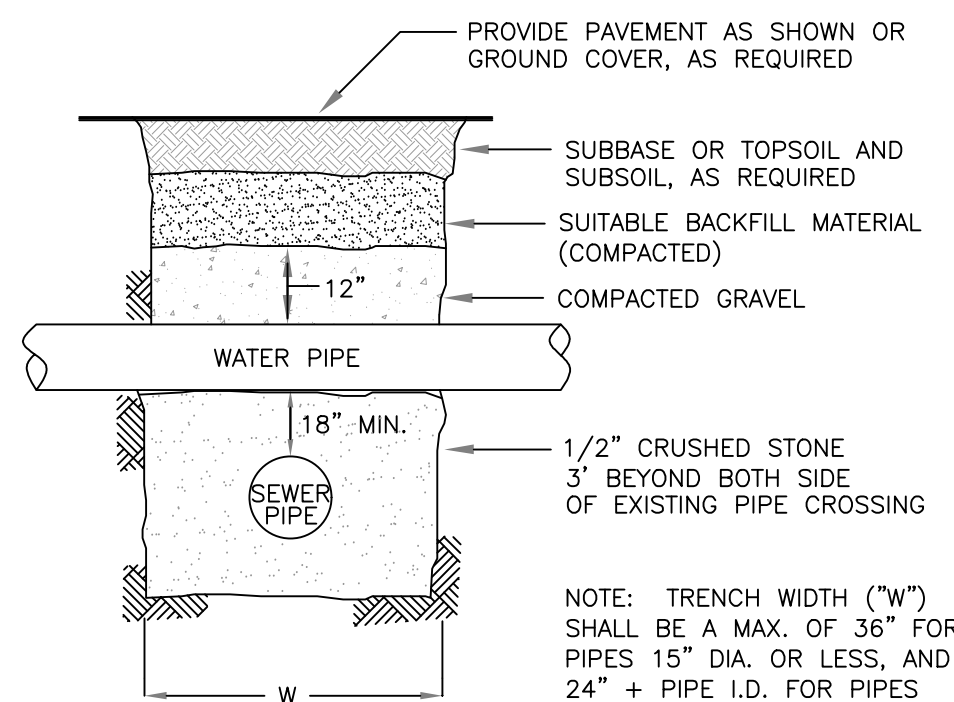
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TRENCH SECTION FOR WATER  
N. T. S.



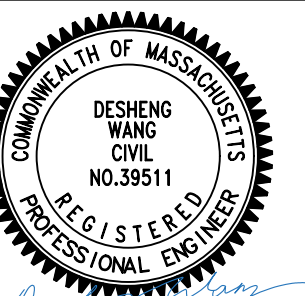
TRENCH SECTION FOR SANITARY SEWER  
N. T. S.



PIPE CROSSING DETAIL  
N. T. S.

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Environmental Scientists and Engineers  
P.O. Box 584 - Southborough - MA - 01772  
774-454-0266 www.claweng.com

|                                                  |                  |                          |                    |
|--------------------------------------------------|------------------|--------------------------|--------------------|
| Plan Title: Construction Details (2 of 2)        |                  |                          |                    |
| Project Name: Farm Road Homes                    |                  |                          |                    |
| Site Address: 65 Farm Road, Sherborn, MA         |                  |                          |                    |
| Owner: Fenix Partners Farm Road Development, LLC |                  | Client: Robert Murchison |                    |
| Project No: J269-12                              | Drawn by: FA     | Date: 09/28/2023         | Sheet No: 20 of 22 |
| Designed by: DSW, FA                             | Approved by: DSW | Scale: Indicated         |                    |
| Rev.:                                            | Date:            | Description              | By:                |











### Summary of Cut and Fill

| Area of Analysis | Volume, CY        |      |
|------------------|-------------------|------|
|                  | Cut (+), Fill (-) |      |
| Area 1           | 3725              | cut  |
| Area 2 A         | 7794              | cut  |
| Area 2 B1C       | -2720             | fill |
| Area 2 B2        | 453               | cut  |
| Area 3           | 1415              | fill |
| Total            | 10667             | cut  |

| Cut and Fill Analysis - Area 1 Septic Construction                                            |                    |              |                |                    |              |                |                         |                         |  |
|-----------------------------------------------------------------------------------------------|--------------------|--------------|----------------|--------------------|--------------|----------------|-------------------------|-------------------------|--|
| Elevation (Ft.)                                                                               | Existing Condition |              |                | Proposed Condition |              |                | Area Difference (Sq.Ft) | Vol. Difference (Cu.Ft) |  |
|                                                                                               | Diff. Area (Sq.Ft) | Area (Sq.Ft) | Volume (Cu.Ft) | Diff. Area (Sq.Ft) | Area (Sq.Ft) | Volume (Cu.Ft) |                         |                         |  |
| 188                                                                                           | 0                  | 0            | -              | 0                  | 0            | -              | 0                       | -                       |  |
| 189                                                                                           | 101                | 101          | 34             | 57                 | 212          | 71             | 111                     | 37                      |  |
| 190                                                                                           | 611                | 712          | 360            | 212                | 467          | 331            | -244                    | -29                     |  |
| 191                                                                                           | 882                | 1593         | 1123           | 255                | 808          | 630            | -785                    | -493                    |  |
| 192                                                                                           | 1166               | 2759         | 2150           | 341                | 1640         | 1200           | -1119                   | -950                    |  |
| 193                                                                                           | 2667               | 5426         | 4018           | 832                | 2270         | 1947           | -3156                   | -2071                   |  |
| 194                                                                                           | 2573               | 7999         | 6671           | 630                | 5111         | 3596           | -2888                   | -3075                   |  |
| 195                                                                                           | 2478               | 10477        | 9210           | 2841               | 8480         | 6725           | -1997                   | -2485                   |  |
| 196                                                                                           | 2005               | 12482        | 11465          | 3369               | 11873        | 10129          | -609                    | -1336                   |  |
| 197                                                                                           | 1911               | 14393        | 13426          | 3393               | 15566        | 13678          | 1174                    | 252                     |  |
| 198                                                                                           | 2077               | 16470        | 15419          | 3693               | 17860        | 16700          | 1390                    | 1281                    |  |
| 199                                                                                           | 1613               | 18082        | 17270          | 2294               | 20197        | 19016          | 2114                    | 1747                    |  |
| 200                                                                                           | 1536               | 19619        | 18845          | 2337               | 21072        | 20633          | 1453                    | 1787                    |  |
| 201                                                                                           | 564                | 20183        | 19900          | 875                | 21580        | 21325          | 1397                    | 1425                    |  |
| 202                                                                                           | 580                | 20763        | 20472          | 508                | 22022        | 21800          | 1259                    | 1328                    |  |
| 203                                                                                           | 497                | 21259        | 21010          | 442                | 22452        | 22237          | 1193                    | 1226                    |  |
| 204                                                                                           | 443                | 21702        | 21480          | 431                | 22856        | 22654          | 1154                    | 1173                    |  |
| 205                                                                                           | 389                | 22092        | 21897          | 404                | 23263        | 23059          | 1171                    | 1162                    |  |
| 206                                                                                           | 388                | 22479        | 22285          | 406                | 23633        | 23448          | 1154                    | 1162                    |  |
| 207                                                                                           | 345                | 22825        | 22652          | 371                | 24046        | 23839          | 1221                    | 1187                    |  |
| 208                                                                                           | 394                | 23219        | 23021          | 412                | 24414        | 24230          | 1196                    | 1208                    |  |
| 209                                                                                           | 333                | 23552        | 23385          | 369                | 24739        | 24576          | 1187                    | 1191                    |  |
| 210                                                                                           | 272                | 23824        | 23688          | 324                | 25078        | 24908          | 1254                    | 1221                    |  |
| 211                                                                                           | 324                | 24148        | 23986          | 340                | 25456        | 25267          | 1308                    | 1281                    |  |
| 212                                                                                           | 350                | 24498        | 24323          | 378                | 25895        | 25675          | 1397                    | 1352                    |  |
| 213                                                                                           | 369                | 24867        | 24682          | 439                | 26255        | 26075          | 1388                    | 1393                    |  |
| 214                                                                                           | 271                | 25138        | 25002          | 360                | 26643        | 26449          | 1505                    | 1447                    |  |
| 215                                                                                           | 272                | 25409        | 25274          | 388                | 27112        | 26877          | 1702                    | 1603                    |  |
| 216                                                                                           | 284                | 25694        | 25551          | 468                | 27280        | 27196          | 1586                    | 1644                    |  |
| 217                                                                                           | 281                | 25975        | 25834          | 168                | 30651        | 28949          | 4676                    | 3115                    |  |
| 218                                                                                           | 299                | 26274        | 26124          | 3371               | 31740        | 31194          | 5466                    | 5070                    |  |
| 219                                                                                           | 1103               | 27377        | 26823          | 1089               | 32776        | 32257          | 5399                    | 5433                    |  |
| 220                                                                                           | 1370               | 28747        | 28059          | 1036               | 33775        | 33274          | 5028                    | 5215                    |  |
| 221                                                                                           | 1397               | 30144        | 29443          | 1000               | 35228        | 34499          | 5084                    | 5056                    |  |
| 222                                                                                           | 932                | 31076        | 30609          | 1453               | 36174        | 35700          | 5098                    | 5091                    |  |
| 223                                                                                           | 1038               | 32114        | 31593          | 946                | 36851        | 36512          | 4737                    | 4818                    |  |
| 224                                                                                           | 585                | 32699        | 32406          | 677                | 37497        | 37173          | 4798                    | 4767                    |  |
| 225                                                                                           | 709                | 33408        | 33053          | 646                | 38830        | 38161          | 5421                    | 5108                    |  |
| 226                                                                                           | 734                | 34143        | 33775          | 1333               | 39247        | 39038          | 5105                    | 5263                    |  |
| 227                                                                                           | 861                | 35004        | 34572          | 418                | 39247        | 39247          | 4244                    | 4675                    |  |
| 228                                                                                           | 521                | 35524        | 35264          | 0                  | 39247        | 39247          | 3723                    | 3984                    |  |
| 229                                                                                           | 556                | 36080        | 35802          | 0                  | 39247        | 39247          | 3167                    | 3446                    |  |
| 230                                                                                           | 179                | 36259        | 36170          | 0                  | 39247        | 39247          | 2988                    | 3078                    |  |
| 231                                                                                           | 152                | 36412        | 36336          | 0                  | 39247        | 39247          | 2836                    | 2912                    |  |
| 232                                                                                           | 143                | 36555        | 36483          | 0                  | 39247        | 39247          | 2693                    | 2764                    |  |
| 233                                                                                           | 142                | 36697        | 36626          | 0                  | 39247        | 39247          | 2551                    | 2622                    |  |
| 234                                                                                           | 181                | 36877        | 36787          | 0                  | 39247        | 39247          | 2370                    | 2461                    |  |
| 235                                                                                           | 277                | 37155        | 37016          | 0                  | 39247        | 39247          | 2093                    | 2232                    |  |
| 236                                                                                           | 350                | 37505        | 37330          | 0                  | 39247        | 39247          | 1742                    | 1918                    |  |
| 237                                                                                           | 357                | 37862        | 37683          | 0                  | 39247        | 39247          | 1386                    | 1564                    |  |
| 238                                                                                           | 195                | 38067        | 37959          | 0                  | 39247        | 39247          | 1190                    | 1288                    |  |
| 239                                                                                           | 267                | 38324        | 38191          | 0                  | 39247        | 39247          | 923                     | 1057                    |  |
| 240                                                                                           | 186                | 38511        | 38418          | 0                  | 39247        | 39247          | 737                     | 830                     |  |
| 241                                                                                           | 230                | 38740        | 38626          | 0                  | 39247        | 39247          | 507                     | 622                     |  |
| 242                                                                                           | 178                | 38918        | 38829          | 0                  | 39247        | 39247          | 329                     | 418                     |  |
|                                                                                               |                    |              |                |                    |              |                | 0                       |                         |  |
| Total                                                                                         | -                  | -            | 1358408        | -                  | -            | 1458985        | -                       | 100577                  |  |
| Volume Difference (CY, excavation)                                                            |                    |              |                |                    |              |                |                         | 3725                    |  |
| Note: Vol. Difference = Proposed open volume - Existing open volume. (-) Fill, (+) Excavation |                    |              |                |                    |              |                |                         |                         |  |
| Note: The measurement didn't exlude the septic sand fill                                      |                    |              |                |                    |              |                |                         |                         |  |

Cut and Fill Analysis - Area 2-B2 (Basin B2 Area)

| Elevation, ft                                                   | Existing |            | Proposed |            |
|-----------------------------------------------------------------|----------|------------|----------|------------|
|                                                                 | Area, sf | Volume, cf | Area, sf | Volume, cf |
| 204.5                                                           | 0        | 0          | 384      | 0          |
| 205                                                             | 0        | 0          | 384      | 133        |
| 206                                                             | 488      | 170        | 634      | 350        |
| 207                                                             | 1171     | 567        | 927      | 534        |
| 208                                                             | 2053     | 1094       | 1538     | 838        |
| 209                                                             | 2832     | 1652       | 2901     | 1502       |
| 210                                                             | 3570     | 2161       | 3800     | 2261       |
| 211                                                             | 4428     | 2696       | 4822     | 2905       |
| 212                                                             | 5400     | 3309       | 6025     | 3650       |
| 213                                                             | 6317     | 3942       | 7662     | 4601       |
| 214                                                             | 7630     | 4688       | 8742     | 5511       |
| 215                                                             | 8882     | 5547       | 9916     | 6265       |
| 216                                                             | 9795     | 6271       | 10159    | 6739       |
| 217                                                             | 10425    | 6787       | 10356    | 6886       |
| 218                                                             | 10981    | 7184       | 10680    | 7060       |
| 219                                                             | 11377    | 7503       | 10831    | 7219       |
| 220                                                             | 11640    | 7723       | 11152    | 7377       |
| 221                                                             | 12373    | 8056       | 11360    | 7554       |
| 222                                                             | 13173    | 8569       | 12551    | 8022       |
| 223                                                             | 14017    | 9118       | 17157    | 9960       |
| 224                                                             | 15103    | 9764       | 17471    | 11605      |
| 225                                                             | 15883    | 10387      | 17791    | 11817      |
| 226                                                             | 16328    | 10797      | 18056    | 12012      |
| 227                                                             | 16826    | 11112      | 18277    | 12175      |
| 228                                                             | 17259    | 11423      | 18494    | 12321      |
| 229                                                             | 17666    | 11704      | 18698    | 12462      |
| 230                                                             | 17966    | 11940      | 18882    | 12591      |
| 231                                                             | 18261    | 12139      | 19024    | 12700      |
| 232                                                             | 18541    | 12331      | 19180    | 12800      |
| 233                                                             | 18788    | 12507      | 19316    | 12897      |
| 234                                                             | 19012    | 12665      | 19436    | 12983      |
| 235                                                             | 19404    | 12871      | 19618    | 13084      |
| 236                                                             | 19559    | 13053      | 19652    | 13156      |
| Total                                                           |          | 239729     |          | 251969     |
| Volume Difference (CF, fill)                                    |          |            |          | 12240      |
| Volume Difference (CY, excavation)                              |          |            |          | 453        |
| Note: Vol. Diff. = Proposed open volume - Existing open volume. |          |            |          |            |
| (-) Fill, (+) Excavation                                        |          |            |          |            |

| Cut and Fill Analysis - Area 2A - Basin A |                       |                 |                   |                       |                 |                   |                               |                               |  |
|-------------------------------------------|-----------------------|-----------------|-------------------|-----------------------|-----------------|-------------------|-------------------------------|-------------------------------|--|
| Elevation<br>(Ft.)                        | Existing Condition    |                 |                   | Proposed Condition    |                 |                   | Area<br>Difference<br>(Sq.Ft) | Vol.<br>Difference<br>(Cu.Ft) |  |
|                                           | Diff. Area<br>(Sq.Ft) | Area<br>(Sq.Ft) | Volume<br>(Cu.Ft) | Diff. Area<br>(Sq.Ft) | Area<br>(Sq.Ft) | Volume<br>(Cu.Ft) |                               |                               |  |
| 199                                       | 0                     | 0               | -                 | 0                     | 0               | -                 | 0                             | -                             |  |
| 200                                       | 346                   | 346             | 115               | 346                   | 346             | 115               | 0                             | 0                             |  |
| 201                                       | 428                   | 774             | 546               | 718                   | 1064            | 672               | 290                           | 126                           |  |
| 202                                       | 535                   | 1308            | 1029              | 320                   | 1384            | 1220              | 76                            | 191                           |  |
| 203                                       | 588                   | 1896            | 1593              | 339                   | 1724            | 1551              | -173                          | -42                           |  |
| 204                                       | 642                   | 2538            | 2209              | 367                   | 2091            | 1904              | -447                          | -305                          |  |
| 205                                       | 601                   | 3139            | 2833              | 380                   | 2471            | 2278              | -668                          | -555                          |  |
| 206                                       | 703                   | 3842            | 3485              | 918                   | 3389            | 2918              | -454                          | -567                          |  |
| 207                                       | 882                   | 4724            | 4276              | 1149                  | 4537            | 3949              | -187                          | -327                          |  |
| 208                                       | 1428                  | 6153            | 5423              | 4604                  | 9142            | 6706              | 2989                          | 1284                          |  |
| 209                                       | 1454                  | 7607            | 6867              | 2291                  | 11433           | 10266             | 3826                          | 3399                          |  |
| 210                                       | 1519                  | 9125            | 8355              | 2604                  | 14037           | 12712             | 4911                          | 4358                          |  |
| 211                                       | 1694                  | 10819           | 9960              | 2826                  | 16863           | 15428             | 6043                          | 5468                          |  |
| 212                                       | 1733                  | 12552           | 11675             | 3943                  | 20806           | 18800             | 8254                          | 7125                          |  |
| 213                                       | 3385                  | 15938           | 14211             | 7248                  | 28054           | 24340             | 12116                         | 10129                         |  |
| 214                                       | 1887                  | 17825           | 16872             | 1579                  | 29633           | 28840             | 11808                         | 11967                         |  |
| 215                                       | 1912                  | 19737           | 18773             | 1458                  | 31090           | 30359             | 11353                         | 11585                         |  |
| 216                                       | 1922                  | 21660           | 20691             | 1481                  | 32571           | 31828             | 10912                         | 11137                         |  |
| 217                                       | 1917                  | 23577           | 22612             | 1468                  | 34039           | 33303             | 10462                         | 10691                         |  |
| 218                                       | 1914                  | 25491           | 24528             | 1050                  | 35089           | 34563             | 9598                          | 10035                         |  |
| 219                                       | 2438                  | 27929           | 26701             | 955                   | 36044           | 35566             | 8115                          | 8865                          |  |
| 220                                       | 1402                  | 29332           | 28628             | 998                   | 37042           | 36542             | 7711                          | 7914                          |  |
| 221                                       | 1363                  | 30695           | 30011             | 1007                  | 38049           | 37545             | 7355                          | 7534                          |  |
| 222                                       | 1359                  | 32053           | 31371             | 1221                  | 39270           | 38658             | 7217                          | 7286                          |  |
| 223                                       | 1425                  | 33478           | 32763             | 882                   | 40152           | 39710             | 6674                          | 6947                          |  |
| 224                                       | 1649                  | 35127           | 34299             | 756                   | 40908           | 40529             | 5780                          | 6230                          |  |
| 225                                       | 1746                  | 36873           | 35997             | 694                   | 41602           | 41254             | 4728                          | 5257                          |  |
| 226                                       | 1350                  | 38223           | 37546             | 757                   | 42358           | 41979             | 4135                          | 4433                          |  |
| 227                                       | 1373                  | 39596           | 38907             | 1797                  | 44156           | 43254             | 4560                          | 4347                          |  |
| 228                                       | 1044                  | 40640           | 40177             | 656                   | 44812           | 44483             | 4172                          | 4367                          |  |
| 229                                       | 890                   | 41530           | 41084             | 624                   | 45436           | 45123             | 3906                          | 4039                          |  |
| 230                                       | 1048                  | 42578           | 42053             | 2291                  | 47227           | 46577             | 5149                          | 4524                          |  |
| 231                                       | 1062                  | 43640           | 43108             | 4183                  | 51911           | 49804             | 8271                          | 6697                          |  |
| 232                                       | 1034                  | 44673           | 44156             | 718                   | 52629           | 52269             | 7955                          | 8114                          |  |
| 233                                       | 1290                  | 45963           | 45317             | 436                   | 53065           | 52847             | 7102                          | 7530                          |  |
| 234                                       | 1420                  | 47383           | 46671             | 429                   | 53494           | 53279             | 6111                          | 6608                          |  |
| 235                                       | 1278                  | 48661           | 48020             | 437                   | 53931           | 53712             | 5270                          | 5692                          |  |
| 236                                       | 1314                  | 49975           | 49316             | 447                   | 54378           | 54154             | 4403                          | 4838                          |  |
| 237                                       | 1459                  | 51434           | 50703             | 457                   | 54835           | 54606             | 3401                          | 3903                          |  |
| 238                                       | 1365                  | 52800           | 52115             | 474                   | 55309           | 55072             | 2510                          | 2956                          |  |
| 239                                       | 1144                  | 53944           | 53371             | 470                   | 55779           | 55544             | 1835                          | 2173                          |  |
| 240                                       | 972                   | 54916           | 54429             | 462                   | 56240           | 56009             | 1324                          | 1580                          |  |
| 241                                       | 801                   | 55717           | 55316             | 411                   | 56652           | 56446             | 935                           | 1130                          |  |
| 242                                       | 778                   | 56495           | 56106             | 431                   | 57083           | 56867             | 588                           | 762                           |  |
| 243                                       | 716                   | 57211           | 56852             | 442                   | 57526           | 57304             | 315                           | 452                           |  |
| 244                                       | 516                   | 57727           | 57469             | 403                   | 57928           | 57727             | 201                           | 258                           |  |
| 245                                       | 432                   | 58159           | 57943             | 351                   | 58279           | 58104             | 120                           | 161                           |  |
| 246                                       | 390                   | 58558           | 58359             | 329                   | 58609           | 58444             | 51                            | 86                            |  |
| 247                                       | 388                   | 58885           | 58721             | 300                   | 58908           | 58759             | 24                            | 37                            |  |
| 248                                       | 280                   | 59165           | 59025             | 265                   | 59173           | 59041             | 8                             | 16                            |  |
| 249                                       | 132                   | 59279           | 59231             | 130                   | 59303           | 59238             | 6                             | 7                             |  |
| 250                                       | 45                    | 59341           | 59319             | 41                    | 59344           | 59323             | 2                             | 4                             |  |
| 251                                       | 11                    | 59352           | 59347             | 9                     | 59353           | 59348             | 1                             | 1                             |  |
|                                           |                       |                 |                   |                       |                 |                   |                               |                               |  |
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