



Commonwealth of Massachusetts  
City/Town of  
**Percolation Test**  
**Form 12**

Percolation test results must be submitted with the Soil Suitability Assessment for On-site Sewage Disposal. DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

**Important:** When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



### A. Site Information

#### BARSKY ESTATE REALTY GROUP

Owner Name

41 NORTH MAIN STREET

Street Address or Lot #

SHERBORN

MA

01770

City/Town

State

Zip Code

GARY LYBARSKY

XXX-XXX-XXXX

Contact Person (if different from Owner)

Telephone Number

### B. Test Results

|                    | <u>02-04-2025</u>                   | <u>10:00 AM+/-</u> | <u>02-04-2025</u> | <u>11:30 AM+/-</u>                  |
|--------------------|-------------------------------------|--------------------|-------------------|-------------------------------------|
|                    | Date                                | Time               | Date              | Time                                |
| Observation Hole # | <u>TP-1</u>                         |                    | <u>TP-2</u>       |                                     |
| Depth of Perc      | <u>52"-70"</u>                      |                    | <u>54"-72"</u>    |                                     |
| Start Pre-Soak     | <u>0:00</u>                         | <u>(MIN:SEC)</u>   | <u>0:00</u>       | <u>(MIN:SEC)</u>                    |
| End Pre-Soak       | <u>15:00</u>                        |                    | <u>15:00</u>      |                                     |
| Time at 12"        | <u>15:00</u>                        |                    | <u>15:00</u>      |                                     |
| Time at 9"         | <u>45:00</u>                        |                    | <u>30:00</u>      |                                     |
| Time at 6"         | <u>90:00</u>                        |                    | <u>50:00</u>      |                                     |
| Time (9"-6")       | <u>45:00</u>                        |                    | <u>20:00</u>      |                                     |
| Rate (Min./Inch)   | <u>15 MINS/IN</u>                   |                    | <u>7 MINS/IN</u>  |                                     |
| Test Passed:       | <input checked="" type="checkbox"/> |                    | Test Passed:      | <input checked="" type="checkbox"/> |
| Test Failed:       | <input type="checkbox"/>            |                    | Test Failed:      | <input type="checkbox"/>            |

JOSEPH PECCIA (SE14774)

Test Performed By:

SHERBORN BOARD OF HEALTH AGENT - MARK ORAM

Board of Health Witness

Comments:



Commonwealth of Massachusetts  
City/Town of  
**Percolation Test**  
**Form 12**

Percolation test results must be submitted with the Soil Suitability Assessment for On-site Sewage Disposal. DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

**Important:** When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



**A. Site Information**

BARSKY ESTATE REALTY GROUP

Owner Name

41 NORTH MAIN STREET

Street Address or Lot #

SHERBORN

MA

01770

City/Town

State

Zip Code

GARY LYBARSKY

XXX-XXX-XXXX

Contact Person (if different from Owner)

Telephone Number

**B. Test Results**

|                    | <u>02-04-2025</u> | <u>12:15 PM+/-</u> |             |      |
|--------------------|-------------------|--------------------|-------------|------|
|                    | Date              | Time               | Date        | Time |
| Observation Hole # | <u>TP-3</u>       | <u>(MIN:SEC)</u>   | <u>TP-4</u> |      |
| Depth of Perc      | <u>52"-70"</u>    |                    |             |      |
| Start Pre-Soak     | <u>0:00</u>       |                    |             |      |
| End Pre-Soak       | <u>15:00</u>      |                    |             |      |
| Time at 12"        | <u>15:00</u>      |                    |             |      |
| Time at 9"         | <u>30:00</u>      |                    |             |      |
| Time at 6"         | <u>54:00</u>      |                    |             |      |
| Time (9"-6")       | <u>24:00</u>      |                    |             |      |
| Rate (Min./Inch)   | <u>8 MINS/IN</u>  |                    |             |      |

Test Passed:

☒

Test Failed:

☐

Test Passed:

☐

Test Failed:

☐

JOSEPH PECCIA (SE14774)

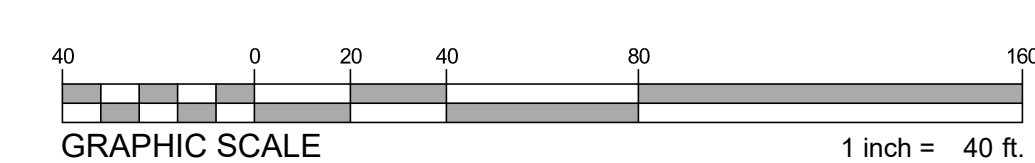
Test Performed By:

SHERBORN BOARD OF HEALTH AGENT - MARK ORAM

Board of Health Witness

Comments:

TP-4 DID NOT REQUIRE A PERCOLATION TEST PER  
SHERBORN BOARD OF HEALTH AGENT MARK ORAM.



NOTES:

1. SOIL EVALUATION BY JOE PECCIA (SE14774) ON 02/04/2025 AND WITNESSED BY SHERBORN BOH AGENT MARK ORAM.
2. GREATER THAN 5% REDOX AT 41 INCHES BELOW EXISTING GRADE. ELEV: 181.08±
3. C-LAYER TIGHTLY PACKED AT FIRST TOUCH,
4. PERC TEST PERFORMED AT 52". RESULTS = 15 MIN/IN

NOTES:

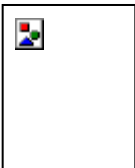
1. SOIL EVALUATION BY JOE PECCIA (SE14774) AND ON 02/04/2025 WITNESSED BY SHERBORN BOH AGENT MARK DRAM.
2. GREATER THAN 5% REDOX AT 60 INCHES BELOW EXISTING GRADE. ELEV: 179.00±
3. C-LAYER TIGHTLY PACKED AT FIRST TOUCH,
4. PERC TEST PERFORMED AT 54". RESULTS = 7 MIN/IN

NOTES:

1. SOIL EVALUATION BY JOE PECCIA (SE14774) ON 02/04/2025 AND WITNESSED BY SHERBORN BOH AGENT MARK ORAM.
2. GREATER THAN 5% REDOX AT 35 INCHES BELOW EXISTING GRADE. ELEV: 179.58±
3. C-LAYER TIGHTLY PACKED AT FIRST TOUCH,
4. PERC TEST PERFORMED AT 52". RESULTS: 8 MIN/IN

NOTES:

1. SOIL EVALUATION BY JOE PECCIA (SE14774) ON 02/04/2025 AND WITNESSED BY SHERBORN BOH AGENT MARK ORAM.
2. GREATER THAN 5% REDOX AT 44 INCHES BELOW EXISTING GRADE. ELEV: 177.34±
3. C-LAYER TIGHTLY PACKED AT FIRST TOUCH,
4. PERC TEST NOT REQUIRED AT TP-20 PER BOH AGENT MARK ORAM.



Commonwealth of Massachusetts  
City/Town of

## Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

### A. Facility Information

BARSKY ESTATE REALTY GROUP`

Owner Name

41 NORTH MAIN STREET

Street Address

SHERBORN

City

MA

State

110441 & 110443

Map/Lot #

01770

Zip Code

### B. Site Information

1. (Check one) ☒ New Construction ☐ Upgrade

2. Soil Survey NRCS - WEB SOIL SURVEY

Source

OUTWASH PLAINS  
GROUND MORAINES

NRCS - WEB SOIL SURVEY

Soil Map Unit

NONE  
18"-37" TO GROUNDWATER TABLE

254A-MERRIMAC FINE SANDY LOAM (0-3%)

307B - PAXTON FINE SANDY LOAM (3-8%)

Soil Series

Landform

GLACIOFLUVIAL DEPOSITS  
COARSE-LOAMY LODGEMENT

Soil Limitations

Soil Parent material

3. Surficial Geological Report USGS - MEDFIELD QUADRANGLE BY STONE AND STONE - 2018

Year Published/Source

TILL

Map Unit

NONSORTED, NONSTRATIFIED MATRIX OF SAND, SOME SILT, AND LITTLE CLAY CONTAINING SCATTERED PEBBLE, COBBLE, AND BOULDER CLASTS

Description of Geologic Map Unit:

4. Flood Rate Insurance Map Within a regulatory floodway? ☐ Yes ☒ No

5. Within a velocity zone? ☐ Yes ☒ No

6. Within a Mapped Wetland Area? ☐ Yes ☒ No

If yes, MassGIS Wetland Data Layer:

N/A

Wetland Type

7. Current Water Resource Conditions (USGS):

02-03-2025

Month/Day/ Year

Range: ☐ Above Normal

☐ Normal

☒ Below Normal

8. Other references reviewed:  
(Zone II, IWPA, Zone A, EEA Data Portal, etc.)

TESTING PERFORMED WITHIN AN IWPA.

SITE CONTAINS WETLANDS, ZONE I AND ZONE II - TESTING NOT PERFORMED WITHIN.



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# Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

## C. On-Site Review *(minimum of two holes required at every proposed primary and reserve disposal area)*

Deep Observation Hole Number: TP-1 02-05-2025 8:50 AM OVERCAST - 30° -- --  
Hole # Date Time Weather Latitude Longitude

1. Land Use APPLE TREE ORCHARD GRASS NONE 0-3%  
(e.g., woodland, agricultural field, vacant lot, etc.) Vegetation Surface Stones (e.g., cobbles, stones, boulders, etc.) Slope (%)

Description of Location: TEST PIT LOCATED BETWEEN APPLE TREES

2. Soil Parent Material: GLACIAL TILL RIDGES - HILLS PLAIN  
Landform Position on Landscape (SU, SH, BS, FS, TS, Plain)

3. Distances from: Open Water Body >50 feet Drainage Way >50 feet Wetlands >50 feet  
Property Line >10 feet Drinking Water Well >50 feet Other N/A feet

4. Unsuitable Materials Present: ☐ Yes ☒ No If Yes: ☐ Disturbed Soil/Fill Material ☐ Weathered/Fractured Rock ☐ Bedrock

5. Groundwater Observed: ☐ Yes ☒ No If yes: \_\_\_\_\_ Depth to Weeping in Hole \_\_\_\_\_ Depth to Standing Water in Hole

REDOX. OBSERVED AT 41" BELOW EX. GRADE

### Soil Log

| Depth (in) | Soil Horizon /Layer | Soil Texture (USDA) | Soil Matrix: Color-Moist (Munsell) | Redoximorphic Features |               |             | Coarse Fragments % by Volume |                  | Soil Structure | Soil Consistence (Moist) | Other      |
|------------|---------------------|---------------------|------------------------------------|------------------------|---------------|-------------|------------------------------|------------------|----------------|--------------------------|------------|
|            |                     |                     |                                    | Depth                  | Color         | Percent     | Gravel                       | Cobbles & Stones |                |                          |            |
| 0-22       | Ap                  | SANDY LOAM          | 10YR 3/3                           | <del>Cnc :</del>       | <del></del>   | <del></del> | 0%                           | 0-5%             | MASS.          | FRIABLE                  | ROOTS      |
|            |                     |                     |                                    | <del>Dpl:</del>        | <del></del>   | <del></del> |                              |                  |                |                          |            |
| 22-40      | Bw                  | SANDY LOAM          | 10YR 5/6                           | <del>Cnc :</del>       | <del></del>   | <del></del> | 0%                           | 0-5%             | MASS.          | FRIABLE                  |            |
|            |                     |                     |                                    | <del>Dpl:</del>        | <del></del>   | <del></del> |                              |                  |                |                          |            |
| 40-144     | C                   | SANDY LOAM          | 2.5Y 5/3                           | 41 in.                 | Cnc : 5YR 4/4 | >5%         | 0%                           | 10-15%           | MASS.          | FRIABLE                  | SEE NOTE 3 |
|            |                     |                     |                                    |                        | Dpl: 5YR 4/1  |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Cnc :         |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Dpl:          |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Cnc :         |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Dpl:          |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Cnc :         |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Dpl:          |             |                              |                  |                |                          |            |

Additional Notes:

1. SOIL EVALUATION BY JOE PECCIA (SE14774) AND WITNESSED BY SHERBORN BOH AGENT MARK ORAM
2. GREATER THAN 5% REDOX AT 41 INCHES BELOW EXISTING GRADE.
3. C-LAYER TIGHTLY PACKED AT FIRST TOUCH.
4. PERC TEST PERFORMED AT 52". RESULTS =15 MIN/IN



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## Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

### C. On-Site Review *(minimum of two holes required at every proposed primary and reserve disposal area)*

Deep Observation Hole Number: TP-2 02-05-2025 10:30 AM OVERCAST - 30° -- --  
Hole # Date Time Weather Latitude Longitude

1. Land Use APPLE TREE ORCHARD GRASS NONE 0-3%  
(e.g., woodland, agricultural field, vacant lot, etc.) Vegetation Surface Stones (e.g., cobbles, stones, boulders, etc.) Slope (%)

Description of Location: TEST PIT LOCATED BETWEEN APPLE TREES

2. Soil Parent Material: GLACIAL TILL RIDGES - HILLS PLAIN  
Landform Position on Landscape (SU, SH, BS, FS, TS, Plain)

3. Distances from: Open Water Body >50 feet Drainage Way >50 feet Wetlands >50 feet  
Property Line >10 feet Drinking Water Well >50 feet Other N/A feet

4. Unsuitable Materials Present: ☐ Yes ☒ No If Yes: ☐ Disturbed Soil/Fill Material ☐ Weathered/Fractured Rock ☐ Bedrock

5. Groundwater Observed: ☐ Yes ☒ No If yes: \_\_\_\_\_ Depth to Weeping in Hole \_\_\_\_\_ Depth to Standing Water in Hole

REDOX. OBSERVED AT 60" BELOW EX. GRADE

#### Soil Log

| Depth (in) | Soil Horizon /Layer | Soil Texture (USDA) | Soil Matrix: Color-Moist (Munsell) | Redoximorphic Features |                    |         | Coarse Fragments % by Volume |                  | Soil Structure | Soil Consistence (Moist) | Other      |
|------------|---------------------|---------------------|------------------------------------|------------------------|--------------------|---------|------------------------------|------------------|----------------|--------------------------|------------|
|            |                     |                     |                                    | Depth                  | Color              | Percent | Gravel                       | Cobbles & Stones |                |                          |            |
| 0-18       | Ap                  | SANDY LOAM          | 10YR 3/3                           | Cnc :<br>Dpl:          |                    |         | 0%                           | 0-5%             | MASS.          | FRIABLE                  | ROOTS      |
| 18-43      | Bw                  | SANDY LOAM          | 10YR 5/6                           | Cnc :<br>Dpl:          |                    |         | 0%                           | 0-5%             | MASS.          | FRIABLE                  |            |
| 43-126     | C                   | SANDY LOAM          | 2.5Y 5/3                           | 60 in. Cnc :<br>Dpl:   | 5YR 4/4<br>5YR 4/1 | >5%     | 0%                           | 10-15%           | MASS.          | FRIABLE                  | SEE NOTE 3 |
|            |                     |                     |                                    | Cnc :<br>Dpl:          |                    |         |                              |                  |                |                          |            |
|            |                     |                     |                                    | Cnc :<br>Dpl:          |                    |         |                              |                  |                |                          |            |
|            |                     |                     |                                    | Cnc :<br>Dpl:          |                    |         |                              |                  |                |                          |            |

Additional Notes:

1. SOIL EVALUATION BY JOE PECCIA (SE14774) AND WITNESSED BY SHERBORN BOH AGENT MARK ORAM.
2. GREATER THAN 5% REDOX AT 60 INCHES BELOW EXISTING GRADE.
3. C-LAYER TIGHTLY PACKED AT FIRST TOUCH.
4. PERC TEST PERFORMED AT 54". RESULTS = 7 MIN/IN



Commonwealth of Massachusetts  
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# Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

## C. On-Site Review *(minimum of two holes required at every proposed primary and reserve disposal area)*

Deep Observation Hole Number: TP-3 02-05-2025 11:15 AM OVERCAST - 30° -- --  
Hole # Date Time Weather Latitude Longitude

1. Land Use APPLE TREE ORCHARD GRASS NONE 0-3%  
(e.g., woodland, agricultural field, vacant lot, etc.) Vegetation Surface Stones (e.g., cobbles, stones, boulders, etc.) Slope (%)

Description of Location: TEST PIT LOCATED BETWEEN APPLE TREES

2. Soil Parent Material: GLACIAL TILL RIDGES - HILLS PLAIN  
Landform Position on Landscape (SU, SH, BS, FS, TS, Plain)

3. Distances from: Open Water Body >50 feet Drainage Way >50 feet Wetlands >50 feet  
Property Line >10 feet Drinking Water Well >50 feet Other N/A feet

4. Unsuitable Materials Present: ☐ Yes ☒ No If Yes: ☐ Disturbed Soil/Fill Material ☐ Weathered/Fractured Rock ☐ Bedrock

5. Groundwater Observed: ☐ Yes ☒ No If yes: \_\_\_\_\_ Depth to Weeping in Hole \_\_\_\_\_ Depth to Standing Water in Hole

REDOX. OBSERVED AT 35" BELOW EX. GRADE

### Soil Log

| Depth (in) | Soil Horizon /Layer | Soil Texture (USDA) | Soil Matrix: Color-Moist (Munsell) | Redoximorphic Features |               |             | Coarse Fragments % by Volume |                  | Soil Structure | Soil Consistence (Moist) | Other      |
|------------|---------------------|---------------------|------------------------------------|------------------------|---------------|-------------|------------------------------|------------------|----------------|--------------------------|------------|
|            |                     |                     |                                    | Depth                  | Color         | Percent     | Gravel                       | Cobbles & Stones |                |                          |            |
| 0-14       | Ap                  | SANDY LOAM          | 10YR 3/3                           | <del>Cnc :</del>       | <del></del>   | <del></del> | 0%                           | 0-5%             | MASS.          | FRIABLE                  | ROOTS      |
|            |                     |                     |                                    | <del>Dpl:</del>        | <del></del>   | <del></del> |                              |                  |                |                          |            |
| 14-28      | Bw                  | SANDY LOAM          | 10YR 5/6                           | <del>Cnc :</del>       | <del></del>   | <del></del> | 0%                           | 0-5%             | MASS.          | FRIABLE                  |            |
|            |                     |                     |                                    | <del>Dpl:</del>        | <del></del>   | <del></del> |                              |                  |                |                          |            |
| 28-120     | C                   | SANDY LOAM          | 2.5Y 5/3                           | 35 in.                 | Cnc : 5YR 5/6 | >5%         | 0%                           | 10-15%           | MASS.          | FRIABLE                  | SEE NOTE 3 |
|            |                     |                     |                                    |                        | Dpl: 5YR 5/1  |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Cnc :         |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Dpl:          |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Cnc :         |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Dpl:          |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Cnc :         |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Dpl:          |             |                              |                  |                |                          |            |

Additional Notes:

1. SOIL EVALUATION BY JOE PECCIA (SE14774) AND WITNESSED BY SHERBORN BOH AGENT MARK ORAM.
2. GREATER THAN 5% REDOX AT 35 INCHES BELOW EXISTING GRADE.
3. C-LAYER TIGHTLY PACKED AT FIRST TOUCH.
4. PERC TEST PERFORMED AT 52". RESULTS = 8 MIN/IN



Commonwealth of Massachusetts  
City/Town of

## Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

### C. On-Site Review *(minimum of two holes required at every proposed primary and reserve disposal area)*

Deep Observation Hole Number: TP-4 02-05-2025 12:40 PM OVERCAST - 30° -- --  
Hole # Date Time Weather Latitude Longitude

1. Land Use APPLE TREE ORCHARD GRASS NONE 0-3%  
(e.g., woodland, agricultural field, vacant lot, etc.) Vegetation Surface Stones (e.g., cobbles, stones, boulders, etc.) Slope (%)

Description of Location: TEST PIT LOCATED BETWEEN APPLE TREES, ADJACENT TO PARKING SPACES AND ROCK RET. WALL

2. Soil Parent Material: GLACIAL TILL RIDGES - HILLS PLAIN  
Landform Position on Landscape (SU, SH, BS, FS, TS, Plain)

3. Distances from: Open Water Body >50 feet Drainage Way >50 feet Wetlands >50 feet  
Property Line >10 feet Drinking Water Well >50 feet Other N/A feet

4. Unsuitable Materials Present: ☐ Yes ☒ No If Yes: ☐ Disturbed Soil/Fill Material ☐ Weathered/Fractured Rock ☐ Bedrock

5. Groundwater Observed: ☐ Yes ☒ No If yes: \_\_\_\_\_ Depth to Weeping in Hole \_\_\_\_\_ Depth to Standing Water in Hole

REDOX. OBSERVED AT 44" BELOW EX. GRADE

#### Soil Log

| Depth (in) | Soil Horizon /Layer | Soil Texture (USDA) | Soil Matrix: Color-Moist (Munsell) | Redoximorphic Features |               |             | Coarse Fragments % by Volume |                  | Soil Structure | Soil Consistence (Moist) | Other      |
|------------|---------------------|---------------------|------------------------------------|------------------------|---------------|-------------|------------------------------|------------------|----------------|--------------------------|------------|
|            |                     |                     |                                    | Depth                  | Color         | Percent     | Gravel                       | Cobbles & Stones |                |                          |            |
| 0-23       | Ap                  | SANDY LOAM          | 10YR 3/3                           | <del>Cnc :</del>       | <del></del>   | <del></del> | 0%                           | 0-5%             | MASS.          | FRIABLE                  | ROOTS      |
|            |                     |                     |                                    | <del>Dpl:</del>        | <del></del>   | <del></del> |                              |                  |                |                          |            |
| 23-45      | Bw                  | SANDY LOAM          | 10YR 5/6                           | <del>Cnc :</del>       | <del></del>   | <del></del> | 0%                           | 0-5%             | MASS.          | FRIABLE                  |            |
|            |                     |                     |                                    | <del>Dpl:</del>        | <del></del>   | <del></del> |                              |                  |                |                          |            |
| 45-132     | C                   | SANDY LOAM          | 2.5Y 5/3                           | 44 in.                 | Cnc : 5YR 4/4 | >5%         | 0%                           | 10-15%           | MASS.          | FRIABLE                  | SEE NOTE 3 |
|            |                     |                     |                                    |                        | Dpl: 5YR 5/1  |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Cnc :         |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Dpl:          |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Cnc :         |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Dpl:          |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Cnc :         |             |                              |                  |                |                          |            |
|            |                     |                     |                                    |                        | Dpl:          |             |                              |                  |                |                          |            |

Additional Notes:

1. SOIL EVALUATION BY JOE PECCIA (SE14774) AND WITNESSED BY SHERBORN BOH AGENT MARK ORAM.
2. GREATER THAN 5% REDOX AT 44 INCHES BELOW EXISTING GRADE.
3. C-LAYER TIGHTLY PACKED AT FIRST TOUCH. POCKETS OF SAND THROUGHOUT.
4. PERC TEST NOT REQUIRED AT TP-4 PER BOH AGENT MARK ORAM.