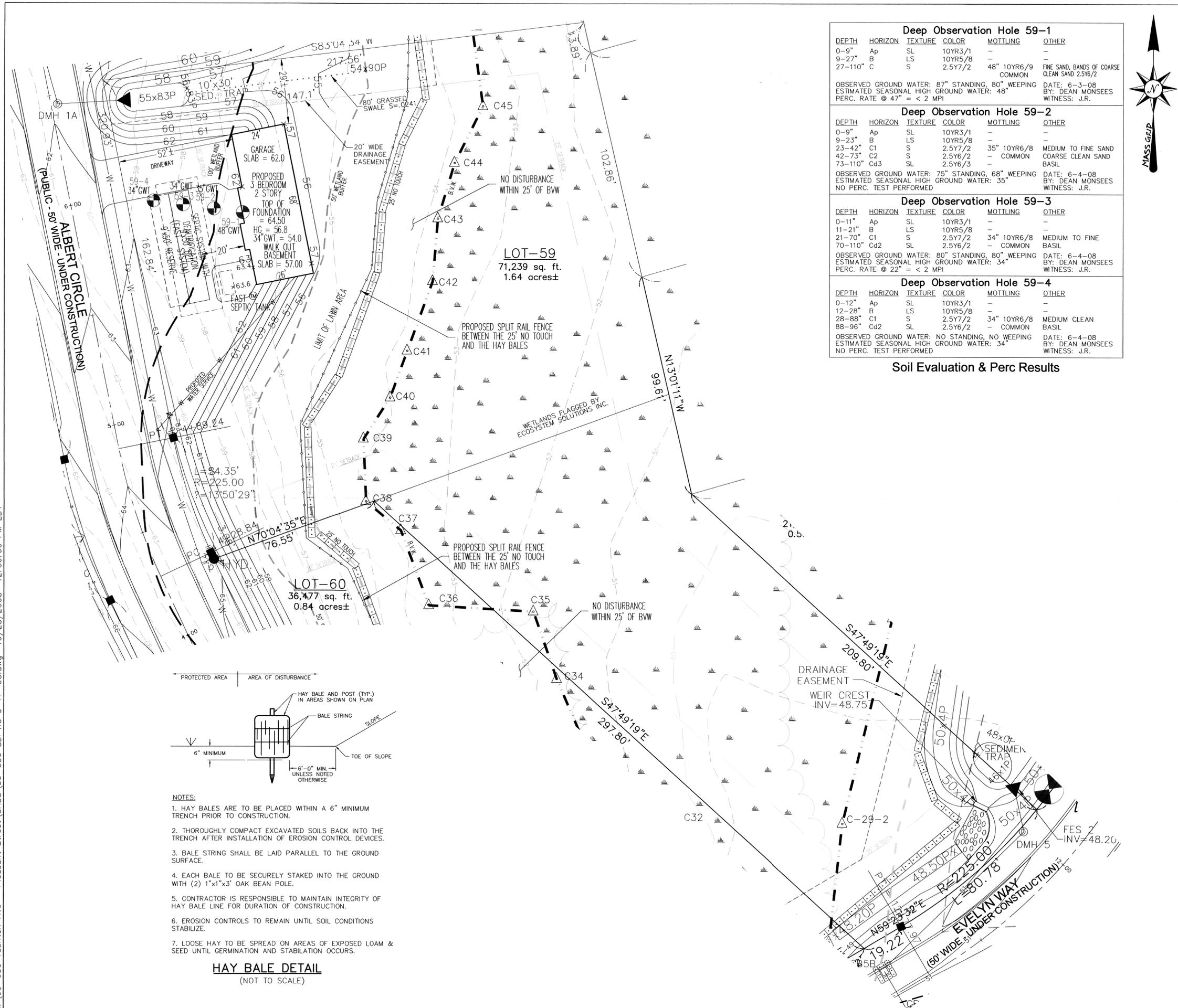


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**Deep Observation Hole 59-1**

| DEPTH   | HORIZON | TEXTURE | COLOR   | MOTTLING           | OTHER   |
|---------|---------|---------|---------|--------------------|---|
| 0-9"    | Ap      | SL      | 10YR3/1 | -                  | -   |
| 9-27"   | B       | LS      | 10YR5/8 | -                  | -   |
| 27-110" | C       | S       | 2.5Y7/2 | 48" 10YR6/9 COMMON | FINE SAND, BANDS OF COARSE CLEAN SAND 2.5Y6/2 |

OBSERVED GROUND WATER: 87" STANDING, 80" WEEPING  
 ESTIMATED SEASONAL HIGH GROUND WATER: 48"  
 PERC. RATE @ 47" = < 2 MPI  
 DATE: 6-3-08  
 BY: DEAN MONSEES  
 WITNESS: J.R.

**Deep Observation Hole 59-2**

| DEPTH   | HORIZON | TEXTURE | COLOR   | MOTTLING    | OTHER               |
|---------|---------|---------|---------|-------------|---------------------|
| 0-9"    | Ap      | SL      | 10YR3/1 | -           | -                   |
| 9-23"   | B       | LS      | 10YR5/8 | -           | -                   |
| 23-42"  | C1      | S       | 2.5Y7/2 | 35" 10YR6/8 | MEDIUM TO FINE SAND |
| 42-73"  | C2      | S       | 2.5Y6/2 | -           | COARSE CLEAN SAND   |
| 73-110" | Cd3     | SL      | 2.5Y6/3 | -           | BASIL               |

OBSERVED GROUND WATER: 75" STANDING, 68" WEEPING  
 ESTIMATED SEASONAL HIGH GROUND WATER: 35"  
 NO PERC. TEST PERFORMED  
 DATE: 6-4-08  
 BY: DEAN MONSEES  
 WITNESS: J.R.

**Deep Observation Hole 59-3**

| DEPTH   | HORIZON | TEXTURE | COLOR   | MOTTLING    | OTHER               |
|---------|---------|---------|---------|-------------|---------------------|
| 0-11"   | Ap      | SL      | 10YR3/1 | -           | -                   |
| 11-21"  | B       | LS      | 10YR5/8 | -           | -                   |
| 21-70"  | C1      | S       | 2.5Y7/2 | 34" 10YR6/8 | MEDIUM TO FINE SAND |
| 70-110" | Cd2     | SL      | 2.5Y6/2 | -           | COMMON BASIL        |

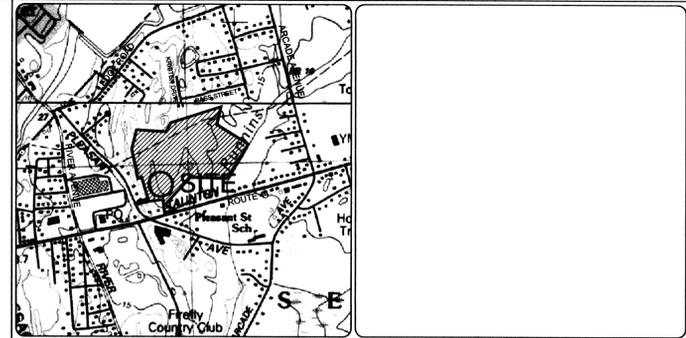
OBSERVED GROUND WATER: 80" STANDING, 80" WEEPING  
 ESTIMATED SEASONAL HIGH GROUND WATER: 34"  
 PERC. RATE @ 22" = < 2 MPI  
 DATE: 6-4-08  
 BY: DEAN MONSEES  
 WITNESS: J.R.

**Deep Observation Hole 59-4**

| DEPTH  | HORIZON | TEXTURE | COLOR   | MOTTLING    | OTHER              |
|--------|---------|---------|---------|-------------|--------------------|
| 0-12"  | Ap      | SL      | 10YR3/1 | -           | -                  |
| 12-28" | B       | LS      | 10YR5/8 | -           | -                  |
| 28-88" | C1      | S       | 2.5Y7/2 | 34" 10YR6/8 | MEDIUM CLEAN BASIL |
| 88-96" | Cd2     | SL      | 2.5Y6/2 | -           | COMMON BASIL       |

OBSERVED GROUND WATER: NO STANDING, NO WEEPING  
 ESTIMATED SEASONAL HIGH GROUND WATER: 34"  
 NO PERC. TEST PERFORMED  
 DATE: 6-4-08  
 BY: DEAN MONSEES  
 WITNESS: J.R.

**Soil Evaluation & Perc Results**



**Notes & Specifications**

- LOT SHOWN IS A PORTION OF LOT 470 ON ASSESSORS MAP 20 - SUBDIVISION LOT 59
- OWNER OF RECORD: FALL RIVER AVENUE DEVELOPMENT PARTNERS, LLC  
C/O STEVEN NAJAS  
111 MILES AVENUE  
EAST PROVIDENCE, RI 02914
- LOCUS DOES NOT LIE IN A FLOOD HAZARD ZONE AS SHOWN ON F.I.R.M. PANEL 250063-0010-A.
- ELEVATIONS SHOWN ON THIS PLAN ARE BASED ON NGVD-29 DATUM.
- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO THE CONTINUATION OF CONSTRUCTION.
- WATER TABLE FLUCTUATES ANNUALLY, NO WARRANTY OF A DRY BASEMENT IS EXPRESSED OR IMPLIED.
- THE PROPOSED WORK DOES NOT LIE IN A CRITICAL FLOOD HAZARD ZONE. THE LOT DOES NOT LIE IN AN OVERLAY DISTRICT FOR GROUNDWATER AQUIFER PROTECTION.
- REFERENCE: DEFINITIVE SUBDIVISION PLAN FOR FALL RIVER AVENUE DEVELOPMENT PARTNERS, LLC "BANNA ESTATES", SEEKONK, MA. BY INSITE ENGINEERING SERVICES, LLC., DATED: MAY 27, 2008, AND "APPROVAL NOT REQUIRED PLAN (LOTS 10, 59, 60 AND 61)" DATED: SEPTEMBER 2, 2008.
- HOUSE DIMENSIONS, ELEVATIONS AND LOCATION ARE APPROXIMATE AND SUBJECT TO CHANGE, CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.
- THE SITE IS UNDER CONSTRUCTION, EXISTING CONDITIONS MAY VARY.
- THE SPLIT RAIL FENCE WILL SERVE AS THE LIMIT OF LAWN AND FUTURE YARD ACTIVITIES AND SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION.
- PROPOSED SEPTIC TANK TO BE INSTALLED IS A MICROFAST 0.5 DENITRIFICATION SYSTEM BY BIO-MICROBICS INC.

**Zoning Setback Requirements**

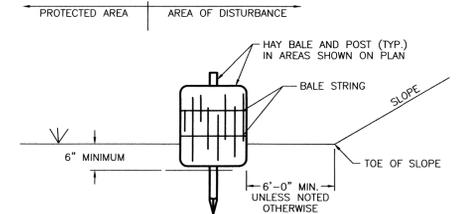
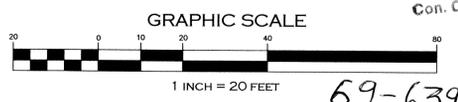
THE LOT LIES IN AN R-1 ZONING DISTRICT.  
 FRONT YARD SETBACK: 35'  
 SIDE YARD SETBACK: 15' + 5'/STORY = 20' (2 STORY)  
 REAR YARD SETBACK: 25'

**Legend**

- SOIL TEST PIT
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION

**Color Legend**

- WETLANDS LINE
- 25' WETLAND BUFFER ZONE
- 50' WETLAND BUFFER ZONE
- 100' WETLAND BUFFER ZONE



- NOTES:**
- HAY BALES ARE TO BE PLACED WITHIN A 6" MINIMUM TRENCH PRIOR TO CONSTRUCTION.
  - THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO THE TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICES.
  - BALE STRING SHALL BE LAID PARALLEL TO THE GROUND SURFACE.
  - EACH BALE TO BE SECURELY STAKED INTO THE GROUND WITH (2) 1"x1"x3" OAK BEAN POLE.
  - CONTRACTOR IS RESPONSIBLE TO MAINTAIN INTEGRITY OF HAY BALE LINE FOR DURATION OF CONSTRUCTION.
  - EROSION CONTROLS TO REMAIN UNTIL SOIL CONDITIONS STABILIZE.
  - LOOSE HAY TO BE SPREAD ON AREAS OF EXPOSED LOAM & SEED UNTIL GERMINATION AND STABILIZATION OCCURS.

**HAY BALE DETAIL**  
(NOT TO SCALE)

**NOTICE OF INTENT PLAN (LOT 59)**

**"BANNA ESTATES"**  
 ALBERT CIRCLE, SEEKONK, MA. 02771  
 RECORD LOT 59 (PART OF AP 20 LOT 470)

Applicant/Owner: **MERIDIAN CUSTOM HOMES**  
 1 RICHMOND SQUARE, SUITE 117C, PROVIDENCE, RI 02906

|                     |                  |                  |                         |
|---------------------|------------------|------------------|-------------------------|
| Job #<br>06-050-059 | Scale:<br>1"=20' | Drawn By:<br>CEA | Date:<br>SEPT. 11, 2008 |
|---------------------|------------------|------------------|-------------------------|

Revised: OCT. 3, 2008

**INSITE**  
 Engineering Services, LLC  
 PROFESSIONAL ENGINEERS AND LAND SURVEYORS  
 INSITE PROFESSIONAL COMPLEX, SUITE 117C  
 1539 FALL RIVER AVENUE  
 SEEKONK, MA 02771  
 PHONE: (508) 336-4500  
 FAX: (508) 336-4558

SHEET  
**1**  
OF 1