

**SOIL/SITE EVALUATION  
 for ON-SITE WASTEWATER SYSTEM**

Owner: <sup>Messin</sup> Baker Tool Applicant: WSTH, LLC  
 Address: 606 41 Cottonwood Date Evaluated: 10/17/17  
 Proposed Facility: 432 SFD Design Flow (.1949): 480 GPD Property Size: 0.58 AC  
 Location of Site: Property Recorded: MS  
 Water Supply:  Public  Individual  Well  Spring  Other  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process  Mixed

| P<br>R<br>O<br>F<br>I<br>L<br>E<br># | .1940<br>Landscape<br>Position/<br>Slope % | Horizon<br>Depth<br>(In.) | SOIL MORPHOLOGY<br>.1941       |                                    | OTHER<br>PROFILE FACTORS           |                              |                         |                         | Profile<br>Class<br>& LTAR |
|--------------------------------------|--|---------------------------|--------------------------------|------------------------------------|------------------------------------|------------------------------|-------------------------|-------------------------|----------------------------|
|                                      |  |                           | .1941<br>Structure/<br>Texture | .1941<br>Consistence<br>Mineralogy | .1942<br>Soil<br>Wetness/<br>Color | .1943<br>Soil<br>Depth (IN.) | .1956<br>Sapro<br>Class | .1944<br>Restr<br>Horiz |                            |
| 1                                    | L 2%                                       | 0-12                      | CL SL                          | VFA SSSR VFA                       |                                    |                              |                         |                         |                            |
|                                      |  | 12-24                     | AK SL                          | FI S P VFA                         | 7.5YR7/1 @ 20"                     | 24+                          |                         |                         | UN3                        |
| 2                                    | L 2%                                       | 0-16                      | CL SL                          | VFA SSSR VFA                       |                                    |                              |                         |                         | V/PS                       |
|                                      |  | 16-32                     | AK SLL                         | FI S P VFA                         | 7.5YR7/1 @ 28"                     | 32+                          |                         |                         | 0.4                        |
| 3                                    | L 2%                                       | 0-8                       | CL SL                          | VFA SSSR VFA                       |                                    |                              |                         |                         |                            |
|                                      |  | 8-12                      | AK SLL                         | FI S P VFA                         | 7.5YR7/1 @ 12"                     | 12+                          |                         |                         | UN3                        |
| 4                                    | L 2%                                       | 0-10                      | CL SL                          | VFA SSSR VFA                       |                                    |                              |                         |                         |                            |
|                                      |  | 10-20                     | AK SL                          | FI S P VFA                         | 7.5YR7/1 @ 16"                     | 20+                          |                         |                         | UN3                        |
| 5                                    | L 2%                                       | 0-8                       | CL SL                          | VFA SSSR VFA                       |                                    |                              |                         |                         |                            |
|                                      |  | 8-20                      | AK SLL                         | FI S P VFA                         | 7.5YR7/1 @ 16"                     | 20+                          |                         |                         | UN3                        |
| 6                                    | L 2%                                       | 0-22                      | CL SL                          | VFA SSSR VFA                       | 7.5YR7/1 [BLK] @ 14"               |                              |                         |                         |                            |
|                                      |  | 22-38                     | AK SLL                         | FI S P VFA                         | 7.5YR7/1 @ 30"                     | 38+                          |                         |                         |                            |
| 7                                    | L 2%                                       | 0-24                      | CL SL                          | VFA SSSR VFA                       |                                    |                              |                         |                         | PS                         |
|                                      |  | 24-48                     | AK SLL                         | FI S P VFA                         | 7.5YR7/1 @ 46"                     | 48                           |                         |                         | 0.4                        |
| 8,9                                  | L 2%                                       | 0-16                      | CL SL                          | VFA SSSR VFA                       |                                    |                              |                         |                         | PS                         |
|                                      |  | 16-40                     | AK SLL                         | FI S P VFA                         | 7.5YR7/1 @ 30"                     | 40                           |                         |                         | 0.4                        |

|                         |                |               |  |
|-------------------------|----------------|---------------|--|
| Description             | Initial System | Repair System | Other Factors (.1946):<br>Site Classification (.1948):<br>Evaluated By:<br>Others Present: |
| Available Space (.1945) |                |               |  |
| System Type(s)          |                |               |  |
| Site LTAR               |                |               |  |

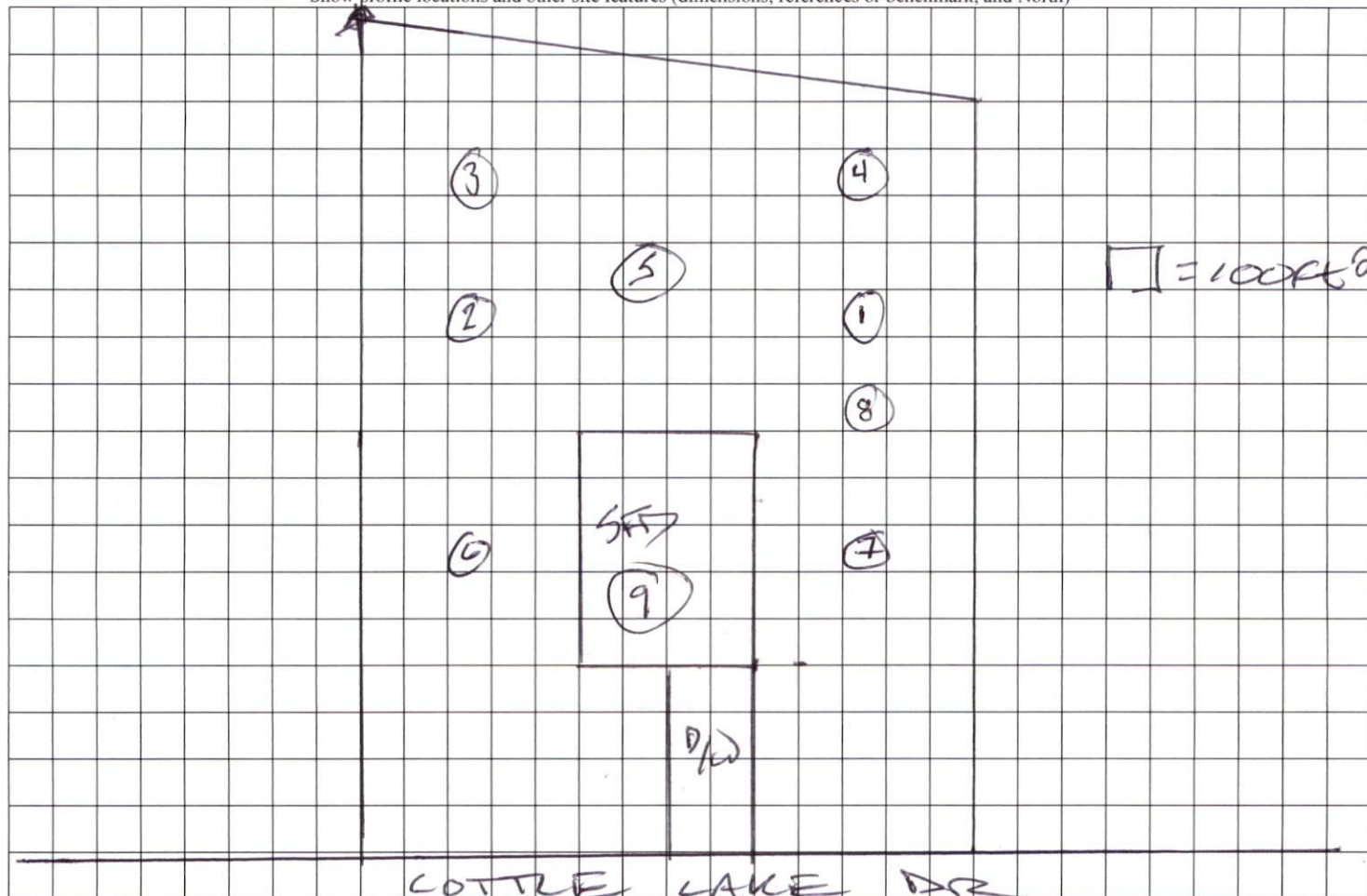
COMMENTS: \_\_\_\_\_

| LANDSCAPE POSITIONS | GROUP | TEXTURES            | .1955 LTAR | CONSISTENCE MOIST  | WET                |
|---------------------|-------|---------------------|------------|--------------------|--------------------|
| R-RIDGE             | I     | S-SAND              | 1.2 - 0.8  | VFR-VERY FRIABLE   | NS-NON-STICKY      |
| S-SHOULDER SLOPE    |       | LS-LOAMY SAND       |            | FR-FRIABLE         | SS-SLIGHTLY STICKY |
| L-LINEAR SLOPE      | II    | SL-SANDY LOAM       | 0.8 - 0.6  | FI-FIRM            | S-STICKY           |
| FS-FOOT SLOPE       |       | L-LOAM              |            | VFI-VERY FIRM      | VS-VERY STICKY     |
| N-NOSE SLOPE        |       |                     |            | EFI-EXTREMELY FIRM | NP-NON-PLASTIC     |
| H-HEAD SLOPE        | III   | SI-SILT             | 0.6 - 0.3  |                    | SP-SLIGHTLY STICKY |
| CC-CONCLAVE SLOPE   |       | SIL-SILT LOAM       |            |                    | P-PLASTIC          |
| CV-CONVEX SLOPE     |       | CL-CLAY LOAM        |            |                    | VP-VERY PLASTIC    |
| T-TERRACE           |       | SCL-SANDY CLAY LOAM |            |                    |                    |
| FP-FLOOD PLAN       | IV    | SIC-SILTY CLAY      | 0.4 - 0.1  |                    |                    |
|                     |       | C-CLAY              |            |                    |                    |
|                     |       | SC-SANDY CLAY       |            |                    |                    |

STRUCTURE  
 SG-SINGLE GRAIN  
 M- MASSIVE  
 CR-CRUMB  
 GR-GRANULAR  
 SBK-SUBANGULAR BLOCKY  
 ABK-ANGULAR BLOCKY  
 PL-PLATY  
 PR-PRISMATIC

MINERALOGY  
 SLIGHTLY EXPANSIVE  
 EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)



**APPROVAL FOR STAKING:**

THIS PLOT PLAN AS PREPARED BY RESIDENTIAL LAND SERVICES, IS CORRECT AND IS HEREBY APPROVED FOR STAKING ON THE DATE SHOWN BELOW.

WADE JOURNEY HOMES REPRESENTATIVE

DATE

**NOTE:**

ALL DIMENSIONS, LOCATIONS AND FEATURES SHOWN ON THIS PLOT PLAN ARE APPROXIMATE AND ARE ONLY AN ARTIST'S RENDERING. EXACT LOCATION OF ALL FEATURES ARE SUBJECT TO CHANGE AND MAY NOT BE INSTALLED EXACTLY AS SHOWN ON PLANS AND/OR IN MODELS. PLACEMENT OF HOME, DRIVEWAY, SIDEWALKS AND EXTERIOR FEATURES ARE SUBJECT TO MODIFICATION AS DEEMED NECESSARY BY FIELD PERSONNEL.

CUSTOMER

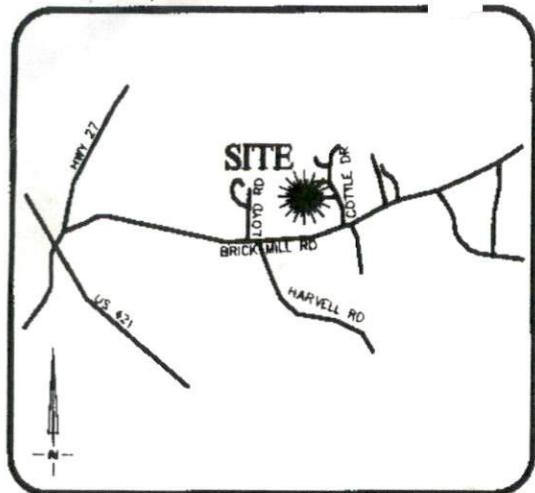
DATE

CUSTOMER

DATE

WADE JOURNEY REPRESENTATIVE

DATE



**VICINITY MAP**  
Not To Scale

**SETBACKS:**

- FRONT - 35'
- REAR - 25'
- SIDE - 10'
- CORNER SIDE - 20'

PB 2001, PG 912

**IMPERVIOUS SURFACE AREA**

| DESCRIPTION              | AREA               |
|--------------------------|--------------------|
| HOUSE w/ PORCH           | 1,780 S.F.         |
| DECK/PATIO/HVAC          | 27 S.F.            |
| DRIVEWAY & WALKS         | 657 S.F.           |
| <b>TOTAL (PROPOSED)=</b> | <b>2,464 S.F.</b>  |
| <b>LOT AREA =</b>        | <b>25,359 S.F.</b> |
| <b>% IMPERVIOUS AREA</b> | <b>=9.7%</b>       |

SITE PLAN APPROVAL

DISTRICT: **RAV4**

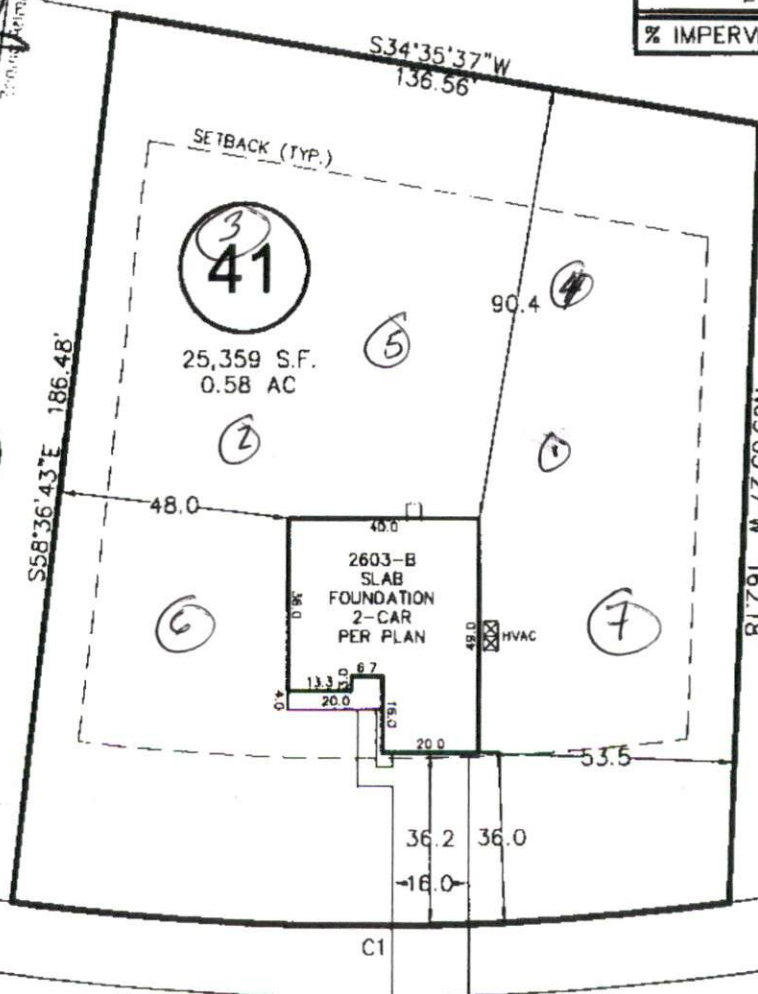
#BEDROOMS: **4**

9/15/17

USE **STD**

*[Handwritten signature]*

Through Animal Control



**COTTLE LAKE DRIVE**