

Base Aerial From Google Earth ...

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

VIRGINIA ANN GOFF, P.E.  
P.E. LICENSE NUMBER 85320  
ARDAMAN & ASSOCIATES, INC.  
1724 BARBER RD.  
SARASOTA, FL 34240

| MANATEE COUNTY |             |
|----------------|-------------|
| Road No.       | Project No. |
| 9TH AVE. NW    |             |

| 9TH AVENUE NW FROM 75TH ST. NW TO 99TH ST. NW BRADENTON, MANATEE COUNTY, FLORIDA |
|--|
|  |

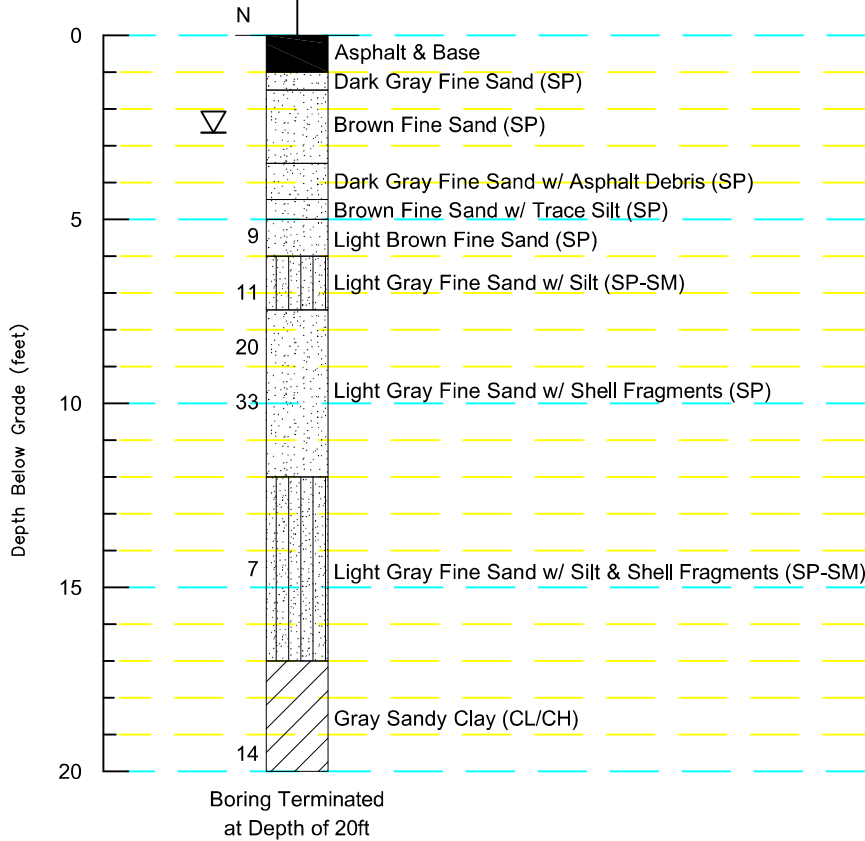
| SHEET NO. |
|-----------|
| GR-1      |

SCALE: 1"=100'

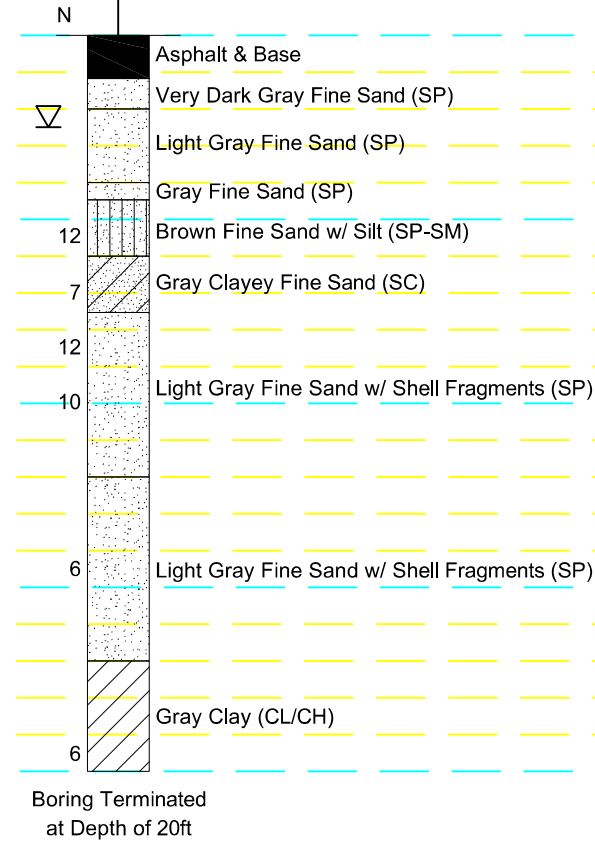
FIGURE 3



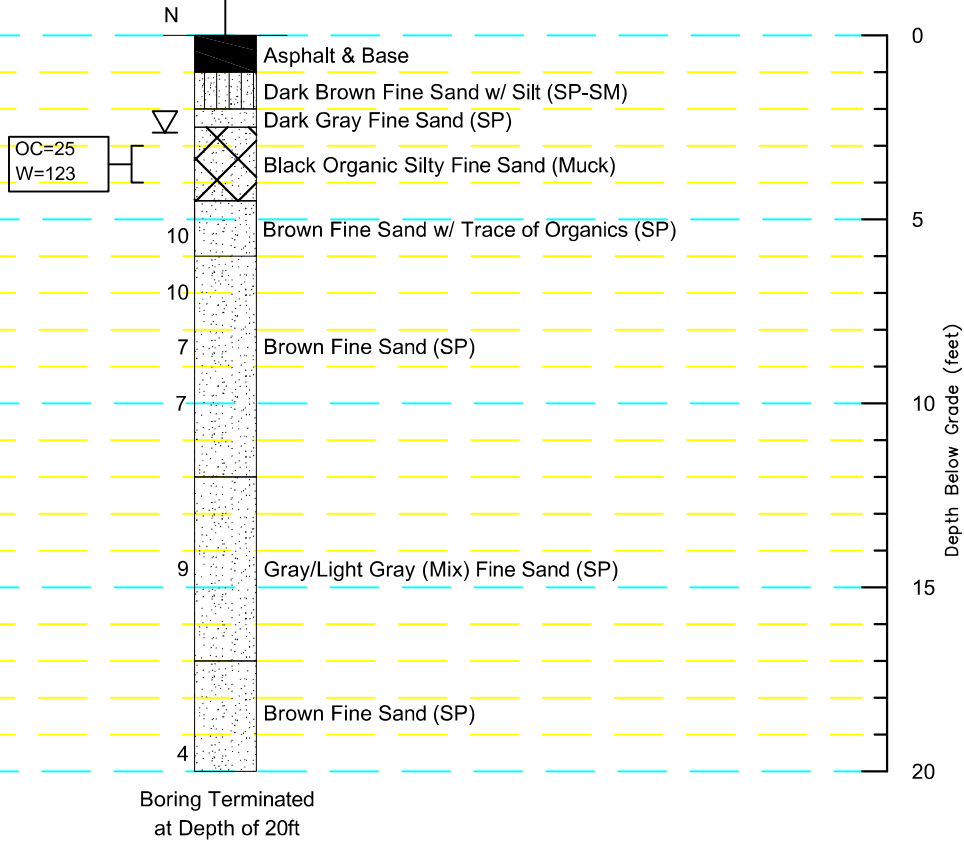
BOR # SP-1  
DATE 04/29/21  
DRILLER DP/NN  
HAMMER Auto  
RIG CME-45B



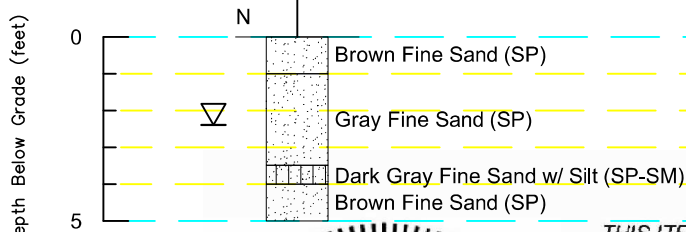
BOR # SP-2  
DATE 04/29/21  
DRILLER DP/NN  
HAMMER Auto  
RIG CME-45B



BOR # SP-3  
DATE 04/30/21  
DRILLER DP/NN/GW  
HAMMER Auto  
RIG CME-45B



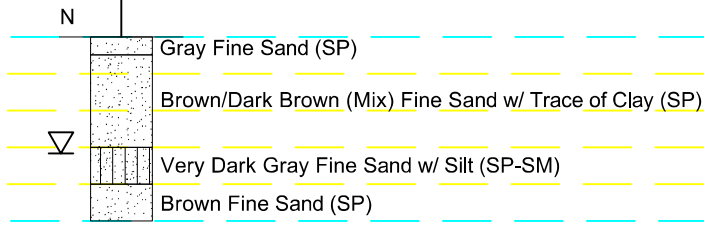
BOR # HA-1  
DATE 04/29/21  
DRILLER DP/NN  
TYPE HAND-AUGER



BOR # HA-2  
DATE 04/29/21  
DRILLER DP/NN  
TYPE HAND-AUGER



BOR # HA-3  
DATE 04/29/21  
DRILLER DP/NN  
TYPE HAND-AUGER



**LEGEND**

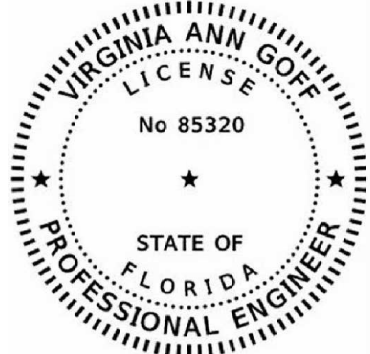
▽ GROUNDWATER LEVEL MEASURED ON DATE DRILLED

SPT N VALUES CONVERTED TO EQUIVALENT SAFETY HAMMER

W WATER CONTENT (%)

OC ORGANIC CONTENT (%)

| GRANULAR MATERIALS—<br>RELATIVE DENSITY | SPT<br>(BLOWS/FOOT) |
|---|---------------------|
| VERY LOOSE                              | LESS THAN 4         |
| LOOSE                                   | 4–10                |
| MEDIUM DENSE                            | 10–30               |
| DENSE                                   | 30–50               |
| VERY DENSE                              | GREATER THAN 50     |
| SILTS AND CLAYS<br>CONSISTENCY          | SPT<br>(BLOWS/FOOT) |
| VERY SOFT                               | LESS THAN 2         |
| SOFT                                    | 2–4                 |
| FIRM                                    | 4–8                 |
| STIFF                                   | 8–15                |
| VERY STIFF                              | 15–30               |
| HARD                                    | GREATER THAN 30     |



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:

**Virginia Goff**  
Digitally signed by  
Virginia Goff  
Date: 2025.09.30  
16:55:59 -04'00'

ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED ON ANY  
ELECTRONIC COPIES.

ARDAMAN & ASSOCIATES, INC.  
2190 Reserve Park Trace, Suite 9  
Port St Lucie, Florida 34986  
(772) 878-0072  
FLORIDA REGISTRY 5950  
VIRGINIA A. GOFF, P.E. NO. 85320

VIRGINIA ANN GOFF, P.E.  
P.E. LICENSE NUMBER 85320  
ARDAMAN & ASSOCIATES, INC.  
1724 BARBER RD.  
SARASOTA, FL 34240

MANATEE COUNTY

9TH AVENUE NW FROM 75TH ST. NW TO 99TH ST. NW BRADENTON,  
MANATEE COUNTY, FLORIDA

SHEET  
NO.

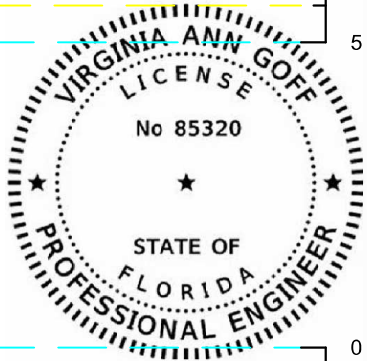
Road No.

Project No.

9TH AVE. NW

**FIGURE 1**

GR-2



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:

**Virginia Goff**

Digitally signed by  
Virginia Goff  
Date: 2025.09.30  
16:56:26 -04'00'

ON THE DATE ADJACENT TO THE SEAL

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SP-SM,SM,SC UNIFIED SOIL CLASSIFICATION SYSTEM

WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THEIR RESPECTIVE VERTICAL REACHS, LOCAL VARIATIONS CHARACTERISTIC OF THE SUBSURFACE MATERIALS OF THE REGION ARE ANTICIPATED AND MAY BE ENCOUNTERED. THE BORING LOGS AND RELATED INFORMATION ARE BASED ON THE DRILLER'S LOGS AND VISUAL EXAMINATION OF SELECTED SAMPLES IN THE LABORATORY. THE DELINEATION BETWEEN SOIL TYPES SHOWN ON THE LOGS IS APPROXIMATE AND THE DESIGNATED BORING LOCATIONS ON THE PARTICULAR DATE DRILLED. GROUND WATER ELEVATIONS SHOWN ON THE BORING LOGS REPRESENT GROUNDWATER SURFACES ENCOUNTERED ON THE DATES SHOWN. FLUCTUATIONS IN WATER TABLE LEVELS SHOULD BE ANTICIPATED THROUGHOUT THE YEAR. ABSENCE OF WATER SURFACE DATA ON CERTAIN BORINGS IMPLIES THAT NO GROUNDWATER DATA IS AVAILABLE, BUT DOES NOT NECESSARILY MEAN THAT GROUNDWATER WILL NOT BE ENCOUNTERED AT THESE LOCATIONS OR WITHIN THE VERTICAL REACHES OF THESE BORINGS IN THE FUTURE.

LEGEND

- ▽ GROUNDWATER LEVEL MEASURED ON DATE DRILLED
- SPT N VALUES CONVERTED TO EQUIVALENT SAFETY HAMMER
- W WATER CONTENT (%)
- OC ORGANIC CONTENT (%)

| REVISIONS |                        |      |             | VIRGINIA ANN GOFF, P.E.<br>P.E. LICENSE NUMBER 85320<br>ARDAMAN & ASSOCIATES, INC.<br>1724 BARBER RD.<br>SARASOTA, FL 34240 | MANATEE COUNTY |             | 9TH AVENUE NW FROM 75TH ST. NW TO 99TH ST. NW BRADENTON,<br>MANATEE COUNTY, FLORIDA | SHEET<br>NO. |
|-----------|------------------------|------|-------------|---|----------------|-------------|---|--------------|
| DATE      | DESCRIPTION            | DATE | DESCRIPTION |   | Road No.       | Project No. |   |              |
| 08/26/21  | Laboratory Tests Added |      |             |   | 9TH AVE. NW    |             |   | GR-3         |

FIGURE 5