



# Earth Solutions NW LLC

15365 NE 90<sup>th</sup> Street, Suite 100  
Redmond, WA 98052  
Main (425) 449-4704 | Fax (425) 449-4711  
www.esnw.com

## DAILY FIELD REPORT

|                           |                     |                            |                       |
|---------------------------|---------------------|----------------------------|-----------------------|
| ESNW Rep.<br>EMV          | Project No.<br>7955 | Page<br>1 of 1             | Report No.<br>1       |
| Time On Site<br>12:15     | Time Site<br>1:00   | Date<br>5-17-21            | Day of Week<br>Monday |
| Travel Time<br>0.75 hr RT |                     | Weather<br>Cloudy, 50-65°F |                       |

|                         |   |                                    |          |
|-------------------------|---|------------------------------------|----------|
| Project Name<br>Foo SFR | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |          |
| Contractor #1           | Contact   | Field Supervisor<br>LAC            | Reviewed |
| Contractor #2           | Contact   | Project Manager<br>RAC             | Reviewed |

|  |             |            |
|--|-------------|------------|
| Are approved plans/permits on site? <b>Y</b> | Project No. | Permit No. |
|--|-------------|------------|

As requested by the client, ESNW rep was onsite to pick up a slab backfill soil sample for proctor testing.

### Site Observations:

While onsite, ESNW rep obtained a soil sample from the stock pile on the western side of the site. The soil sample was tan silty sand with gravel (SM), and is considered suitable material to be used as slab backfill. ESNW rep recommends the contractor contact ESNW for density test of backfill.

ESNW rep. will return when requested.

Eric Vernon G.I.T.  
Senior Geologic Technician  
(206) 234-7848





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**DAILY FIELD REPORT**

|                            |                          |                                   |                        |
|----------------------------|--------------------------|-----------------------------------|------------------------|
| ESNW Rep.<br>EMV           | Project No.<br>7955      | Page<br>1 of 3                    | Report No.<br>2        |
| Time On Site<br>9:30, 1:15 | Time Site<br>12:30, 3:45 | Date<br>5-18-21                   | Day of Week<br>Tuesday |
| Travel Time<br>0.75 hr RT  |                          | Weather<br>Partly Cloudy, 50-65°F |                        |

|  |   |                                    |            |
|--|---|------------------------------------|------------|
| Project Name<br>Foo SFR                      | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |            |
| Contractor #1                                | Contact   | Field Supervisor<br>LAC            | Reviewed   |
| Contractor #2                                | Contact   | Project Manager<br>RAC             | Reviewed   |
| Are approved plans/permits on site? <b>Y</b> |   | Project No.                        | Permit No. |

| Test Number | Test Location (See Map)       | Elevation | Reference Compaction Curve | Maximum Dry Density (pcf) | Fill Moisture (%) | Test Dry Density (pcf) | % of Maximum Dry Density |
|-------------|-------------------------------|-----------|----------------------------|---------------------------|-------------------|------------------------|--------------------------|
| 1           | Removed tank Backfill (pg. 2) | -3'       | 1                          | 134.2                     | 9.2               | 126.8                  | 95                       |
| 2           | Removed tank Backfill (pg. 2) | -2'       | 1                          | 134.2                     | 9.7               | 128.2                  | 95                       |
| 3           | Removed tank Backfill (pg. 2) | -1'       | 1                          | 134.2                     | 9.3               | 129.7                  | 96                       |
| 4           | Removed tank Backfill (pg. 2) | SG        | 1                          | 134.2                     | 10.9              | 126.8                  | 95                       |
| 5           | Removed Pool Backfill (pg. 2) | -2'       | 1                          | 134.2                     | 9.6               | 127.3                  | 95                       |
| 6           | Removed Pool Backfill (pg. 2) | -1'       | 1                          | 134.2                     | 9.6               | 129.9                  | 96                       |
| 7           | Removed Pool Backfill (pg. 2) | SG        | 1                          | 134.2                     | 8.6               | 127.8                  | 95                       |

As requested by the client, ESNW rep was onsite to observe and test foundation backfill for a removed tank and buried pool and probe foundation subgrade.

**Backfill Observations:**

While onsite, ESNW rep observed the contractor had removed a tank and a buried swimming pool uncovered during foundation excavation. The contractor backfilled the excavations with native silty gravel with sand. The contractor placed the material in approximate 6-8-inch loose lifts and compacted each lift with a jumping jack to a firm and unyielding state. Compaction tests indicate adequate compaction of 95% at tested locations.

**Soil Bearing Verification:**

ESNW rep observed the contractor had partially excavated to soil subgrade for a single-family residence foundation. ESNW rep used a half-inch diameter steel T-probe to probe locations of the foundation. ESNW rep observed dense soil conditions, considered suitable for the allowable soil bearing of 3,000 psf.

ESNW rep will return as requested.

Eric Vernon, G.I.T.  
 Sr Geologic Technician  
 206-234-7848



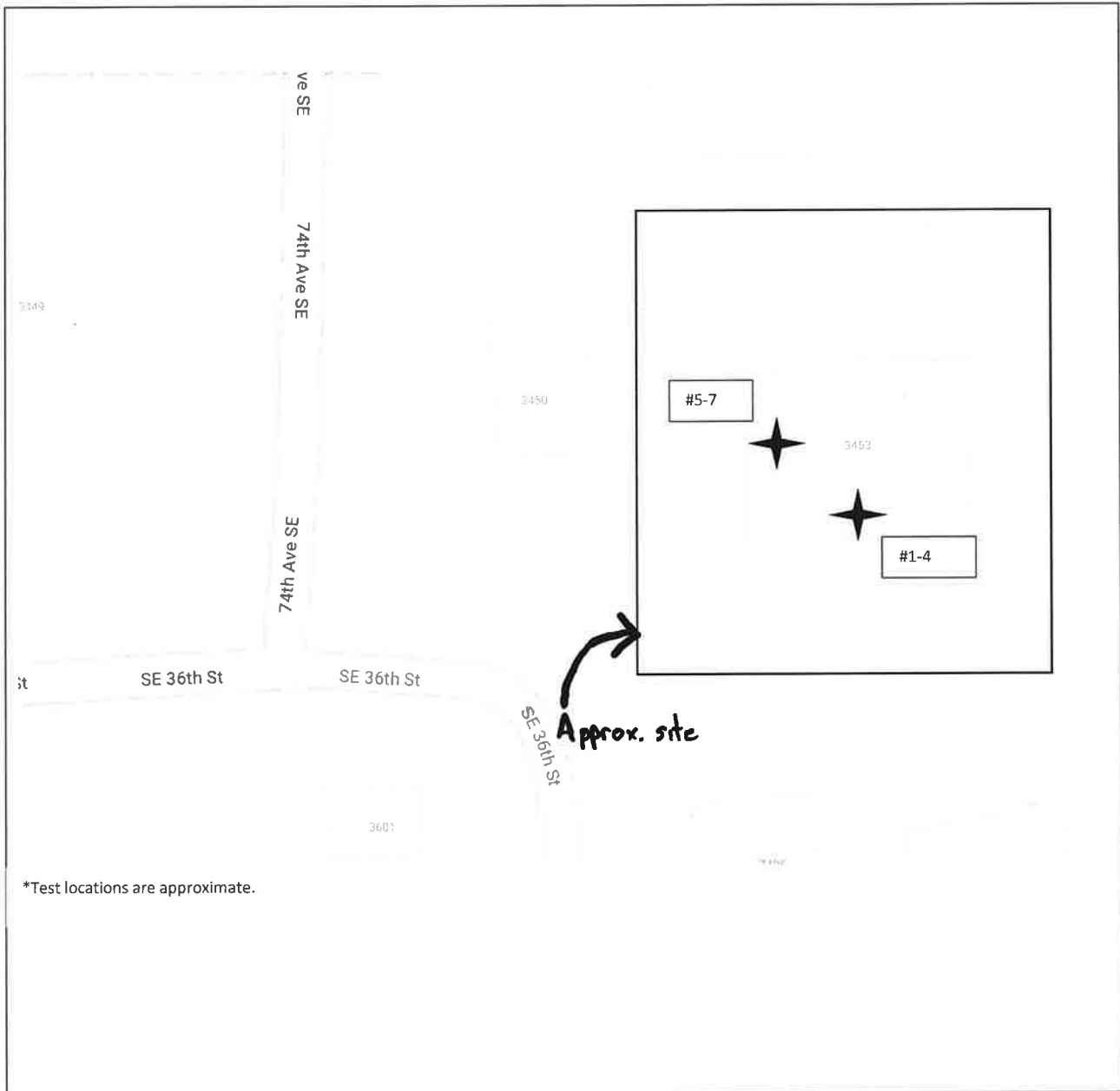
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| ESNW Rep.<br>EMV           | Project No.<br>7955      | Page<br>2 of 3                    | Report No.<br>2        |
| Time On Site<br>9:30, 1:15 | Time Site<br>12:30, 3:45 | Date<br>5-18-21                   | Day of Week<br>Tuesday |
| Travel Time<br>0.75 hr RT  |                          | Weather<br>Partly Cloudy, 50-65°F |                        |

|  |   |                                    |            |
|--|---|------------------------------------|------------|
| Project Name<br>Foo SFR                      | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |            |
| Contractor #1                                | Contact   | Field Supervisor<br>LAC            | Reviewed   |
| Contractor #2                                | Contact   | Project Manager<br>RAC             | Reviewed   |
| Are approved plans/permits on site? <b>Y</b> |   | Project No.                        | Permit No. |



\*Test locations are approximate.



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| ESNW Rep.<br>EMV           | Project No.<br>7955      | Page<br>3 of 3                    | Report No.<br>2        |
| Time On Site<br>9:30, 1:15 | Time Site<br>12:30, 3:45 | Date<br>5-18-21                   | Day of Week<br>Tuesday |
| Travel Time<br>0.75 hr RT  |                          | Weather<br>Partly Cloudy, 50-65°F |                        |

|  |   |                                    |            |
|--|---|------------------------------------|------------|
| Project Name<br>Foo SFR                      | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |            |
| Contractor #1                                | Contact   | Field Supervisor<br>LAC            | Reviewed   |
| Contractor #2                                | Contact   | Project Manager<br>RAC             | Reviewed   |
| Are approved plans/permits on site? <b>Y</b> |   | Project No.                        | Permit No. |



North foundation excavation



Tank removal backfill



Pool removal backfill




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| ESNW Rep.<br>EMV          | Project No.<br>7955 | Page<br>1 of 1               | Report No.<br>3          |
| Time On Site<br>1:30      | Time Site<br>2:00   | Date<br>5-19-21              | Day of Week<br>Wednesday |
| Travel Time<br>0.75 hr RT |                     | Weather<br>Overcast, 45-55°F |                          |

|  |   |                                    |  |
|--|---|------------------------------------|--|
| Project Name<br>Foo SFR  | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |  |
| Contractor #1  | Contact   | Field Supervisor<br>LAC            | Reviewed  |
| Contractor #2  | Contact   | Project Manager<br>RAC             | Reviewed   |
| Are approved plans/permits on site? <b>Y</b> Project No.      Permit No. |   |                                    |  |

As requested by the client, ESNW rep was onsite to observe and probe foundation subgrade.

### Soil Bearing Verification:

ESNW rep observed the contractor had partially excavated to soil subgrade for a single-family residence foundation. ESNW rep used a half-inch diameter steel T-probe to probe locations of half the basement foundation. ESNW rep observed dense soil conditions, considered suitable for the allowable soil bearing of 3,000 psf.

ESNW rep will return as requested.



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|-----------------------------|---------------------|------------------------------|-------------------------|
| ESNW Rep.<br>EMV            | Project No.<br>7955 | Page<br>1 of 1               | Report No.<br>4         |
| Time On Site<br>10:15, 1:00 | Time Site<br>2:00   | Date<br>5-20-21              | Day of Week<br>Thursday |
| Travel Time<br>0.75 hr RT   |                     | Weather<br>Overcast, 45-55°F |                         |

|  |   |                                    |  |
|--|---|------------------------------------|--|
| Project Name<br>Foo SFR                      | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |  |
| Contractor #1                                | Contact   | Field Supervisor<br>LAC            | Reviewed  |
| Contractor #2                                | Contact   | Project Manager<br>RAC             | Reviewed   |
| Are approved plans/permits on site? <b>Y</b> |   | Project No.                        | Permit No.   |

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|-----------------------------|--------------------------|------------------------------|-------------------------|
| ESNW Rep.<br>EMV            | Project No.<br>7955      | Page<br>1 of 1               | Report No.<br>5         |
| Time On Site<br>10:00, 1:30 | Time Site<br>10:45, 2:00 | Date<br>5-20-21              | Day of Week<br>Thursday |
| Travel Time<br>0.75 hr RT   |                          | Weather<br>Overcast, 45-65°F |                         |

|  |   |                                    |  |
|--|---|------------------------------------|--|
| Project Name<br>Foo SFR  | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |  |
| Contractor #1  | Contact   | Field Supervisor<br>LAC            | Reviewed  |
| Contractor #2  | Contact   | Project Manager<br>RAC             | Reviewed   |
| Are approved plans/permits on site? <b>Y</b> Project No.      Permit No. |   |                                    |  |

As requested by the client, ESNW rep was onsite to observe and probe foundation subgrade.

**Soil Bearing Verification:**

ESNW rep observed the contractor had completed to excavation of basement to soil subgrade for a single-family residence foundation. ESNW rep used a half-inch diameter steel T-probe to probe locations of half the basement foundation. ESNW rep observed dense soil conditions, considered suitable for the allowable soil bearing of 3,000 psf.

ESNW rep will return as requested.

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|----------------------|------------------------|-----------------|-----------------------|
| ESNW Rep.<br>AJL     | Project No.<br>7955    | Page<br>1 of 1  | Report No.<br>6       |
| Time On Site<br>1:45 | Time Off Site<br>2:15  | Date<br>7/30/21 | Day of Week<br>Friday |
| Travel Time<br>1 Hr. | Weather<br>90°F, Sunny |                 |                       |

|                                  |   |                                    |          |
|----------------------------------|---|------------------------------------|----------|
| Project Name<br>Foo SFR          | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |          |
| Contractor #1<br>Builders Supply | Contact   | Field Supervisor<br>LAC            | Reviewed |
| Contractor #2                    | Contact   | Project Manager<br>RAC             | Reviewed |

|                                     |             |            |
|-------------------------------------|-------------|------------|
| Are approved plans/permits on site? | Project No. | Permit No. |
|-------------------------------------|-------------|------------|

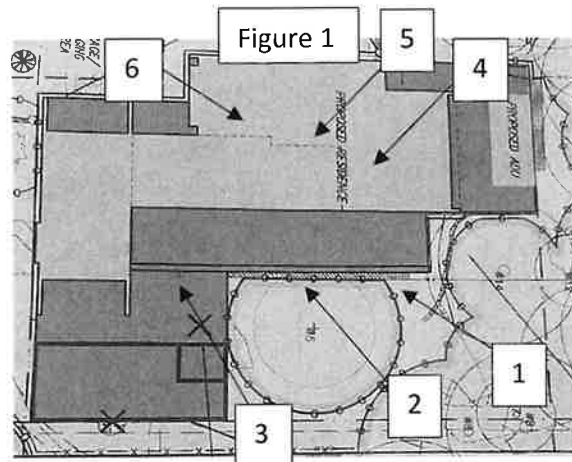
| Test Number                  | Test Location (See Map) | Elevation | Reference Compaction Curve | Maximum Dry Density (pcf) | Fill Moisture (%) | Test Dry Density (pcf) | % of Maximum Dry Density |
|------------------------------|-------------------------|-----------|----------------------------|---------------------------|-------------------|------------------------|--------------------------|
| <b>Exterior Footing Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 1                            | See Figure 1            | -8'       | 2                          | 136.0                     | 9.64              | 130.5                  | 96                       |
| 2                            | See Figure 1            | -8'       | 2                          | 136.0                     | 8.55              | 131.7                  | 96                       |
| 3                            | See Figure 1            | -8'       | 2                          | 136.0                     | 9.51              | 132.6                  | 97                       |
| <b>Interior Footing Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 4                            | See Figure 1            | -8'       | 2                          | 136.0                     | 9.20              | 130.8                  | 96                       |
| 5                            | See Figure 1            | -8'       | 2                          | 136.0                     | 8.97              | 129.5                  | 95                       |
| 6                            | See Figure 1            | -8'       | 2                          | 136.0                     | 9.34              | 133.6                  | 98                       |

As requested, ESNW rep was onsite to test interior and exterior footing fill. While on site ESNW rep observed the following:

Upon arrival, ESNW rep observed that the contractor placing fill along the exterior of the south footing stem wall and interior footing fill on the north side of the proposed residence. ESNW rep observed the fill being moisture treated and compacted using medium track hoe pack. ESNW rep took compaction tests at the -8' elevations. Density test results indicate adequate compaction of at least 95% at the tested locations. The locations of these tests are approximately shown in Figure 1 below.

ESNW rep will return when requested.

Adrien Leland  
 Assistant Field Supervisor







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|                       |                        |                |                       |
|-----------------------|------------------------|----------------|-----------------------|
| ESNW Rep.<br>AJL      | Project No.<br>7955    | Page<br>1 of 1 | Report No.<br>7       |
| Time On Site<br>10:15 | Time Off Site<br>10:45 | Date<br>8/2/21 | Day of Week<br>Monday |
| Travel Time<br>1 Hr.  | Weather<br>85°F, Sunny |                |                       |

|                                  |   |                                    |                       |
|----------------------------------|---|------------------------------------|-----------------------|
| Project Name<br>Foo SFR          | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |                       |
| Contractor #1<br>Builders Supply | Contact   | Field Supervisor<br>LAC            | Reviewed<br><i>UK</i> |
| Contractor #2                    | Contact   | Project Manager<br>RAC             | Reviewed              |

|                                     |             |            |
|-------------------------------------|-------------|------------|
| Are approved plans/permits on site? | Project No. | Permit No. |
|-------------------------------------|-------------|------------|

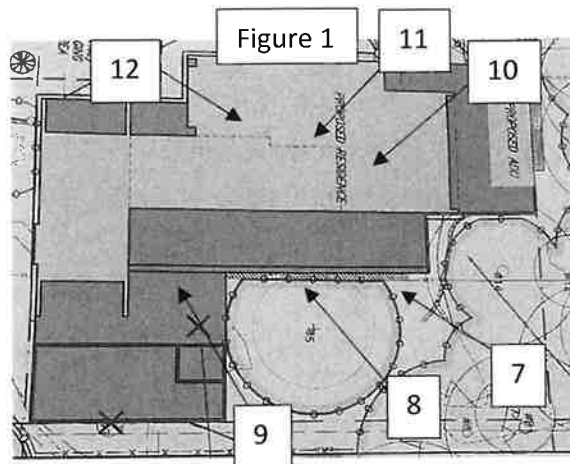
| Test Number                  | Test Location (See Map) | Elevation | Reference Compaction Curve | Maximum Dry Density (pcf) | Fill Moisture (%) | Test Dry Density (pcf) | % of Maximum Dry Density |
|------------------------------|-------------------------|-----------|----------------------------|---------------------------|-------------------|------------------------|--------------------------|
| <b>Exterior Footing Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 7                            | See Figure 1            | -6'       | 2                          | 136.0                     | 8.20              | 132.4                  | 97                       |
| 8                            | See Figure 1            | -6'       | 2                          | 136.0                     | 10.71             | 130.4                  | 95                       |
| 9                            | See Figure 1            | -6'       | 2                          | 136.0                     | 9.08              | 133.9                  | 98                       |
| <b>Interior Footing Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 10                           | See Figure 1            | -6'       | 2                          | 136.0                     | 9.64              | 135.7                  | 99                       |
| 11                           | See Figure 1            | -6'       | 2                          | 136.0                     | 9.27              | 130.1                  | 95                       |
| 12                           | See Figure 1            | -6'       | 2                          | 136.0                     | 10.59             | 133.5                  | 98                       |

As requested, ESNW rep was onsite to test interior and exterior footing fill. While on site ESNW rep observed the following:

Upon arrival, ESNW rep observed that the contractor placing fill along the exterior of the south footing stem wall and interior footing fill on the north side of the proposed residence. ESNW rep observed the fill being moisture treated and compacted using medium track hoe pack. ESNW rep took compaction tests at the -6' elevations. Density test results indicate adequate compaction of at least 95% at the tested locations. The locations of these tests are approximately shown in Figure 1 below.

ESNW rep will return when requested.

Adrien Leland  
 Assistant Field Supervisor





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|-----------------------|------------------------|----------------|------------------------|
| ESNW Rep.<br>AJL      | Project No.<br>7955    | Page<br>1 of 1 | Report No.<br>8        |
| Time On Site<br>10:00 | Time Off Site<br>10:30 | Date<br>8/3/21 | Day of Week<br>Tuesday |
| Travel Time<br>1 Hr.  | Weather<br>80°F, Sunny |                |                        |

|                                  |   |                                    |                                |
|----------------------------------|---|------------------------------------|--------------------------------|
| Project Name<br>Foo SFR          | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |                                |
| Contractor #1<br>Builders Supply | Contact   | Field Supervisor<br>LAC            | Reviewed<br><i>[Signature]</i> |
| Contractor #2                    | Contact   | Project Manager<br>RAC             | Reviewed                       |

|                                     |             |            |
|-------------------------------------|-------------|------------|
| Are approved plans/permits on site? | Project No. | Permit No. |
|-------------------------------------|-------------|------------|

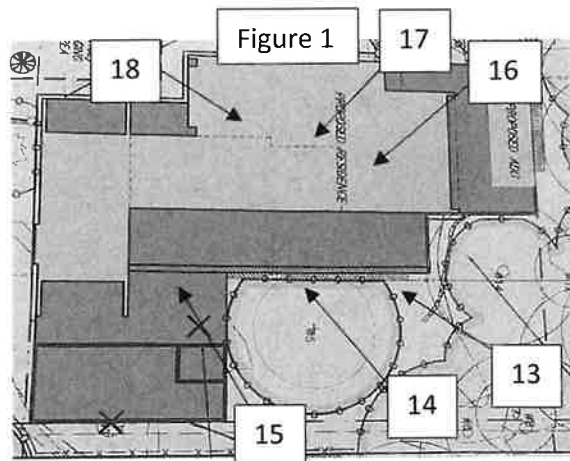
| Test Number                  | Test Location (See Map) | Elevation | Reference Compaction Curve | Maximum Dry Density (pcf) | Fill Moisture (%) | Test Dry Density (pcf) | % of Maximum Dry Density |
|------------------------------|-------------------------|-----------|----------------------------|---------------------------|-------------------|------------------------|--------------------------|
| <b>Exterior Footing Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 13                           | See Figure 1            | -4'       | 2                          | 136.0                     | 9.64              | 133.7                  | 98                       |
| 14                           | See Figure 1            | -4'       | 2                          | 136.0                     | 9.02              | 133.2                  | 97                       |
| 15                           | See Figure 1            | -4'       | 2                          | 136.0                     | 9.57              | 132.4                  | 97                       |
| <b>Interior Footing Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 16                           | See Figure 1            | -4'       | 2                          | 136.0                     | 10.84             | 132.5                  | 97                       |
| 17                           | See Figure 1            | -4'       | 2                          | 136.0                     | 9.67              | 130.0                  | 95                       |
| 18                           | See Figure 1            | -4'       | 2                          | 136.0                     | 9.93              | 131.6                  | 96                       |

As requested, ESNW rep was onsite to test interior and exterior footing fill. While on site ESNW rep observed the following:

Upon arrival, ESNW rep observed that the contractor placing fill along the exterior of the south footing stem wall and interior footing fill on the north side of the proposed residence. ESNW rep observed the fill being moisture treated and compacted using medium track hoe pack. ESNW rep took compaction tests at the -4' elevations. Density test results indicate adequate compaction of at least 95% at the tested locations. The locations of these tests are approximately shown in Figure 1 below.

ESNW rep will return when requested.

Adrien Leland  
 Assistant Field Supervisor





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| ESNW Rep.<br>AJL     | Project No.<br>7955   | Page<br>1 of 1         | Report No.<br>9     |
| Time On Site<br>1:15 | Time Off Site<br>1:45 | Date<br>8/4/21         | Day of Week<br>Wed. |
| Travel Time<br>1 Hr. |                       | Weather<br>85°F, Sunny |                     |

|                                  |   |                                    |                       |
|----------------------------------|---|------------------------------------|-----------------------|
| Project Name<br>Foo SFR          | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |                       |
| Contractor #1<br>Builders Supply | Contact   | Field Supervisor<br>LAC            | Reviewed<br><i>UK</i> |
| Contractor #2                    | Contact   | Project Manager<br>RAC             | Reviewed              |

|                                     |             |            |
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| Are approved plans/permits on site? | Project No. | Permit No. |
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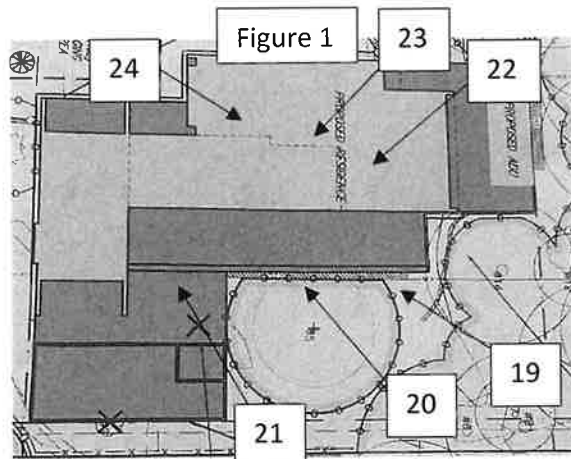
| Test Number                  | Test Location (See Map) | Elevation | Reference Compaction Curve | Maximum Dry Density (pcf) | Fill Moisture (%) | Test Dry Density (pcf) | % of Maximum Dry Density |
|------------------------------|-------------------------|-----------|----------------------------|---------------------------|-------------------|------------------------|--------------------------|
| <b>Exterior Footing Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 19                           | See Figure 1            | -2'       | 2                          | 136.0                     | 9.55              | 135.7                  | 99                       |
| 20                           | See Figure 1            | -2'       | 2                          | 136.0                     | 9.26              | 134.2                  | 98                       |
| 21                           | See Figure 1            | -2'       | 2                          | 136.0                     | 9.87              | 129.9                  | 95                       |
| <b>Interior Footing Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 22                           | See Figure 1            | -2'       | 2                          | 136.0                     | 9.64              | 131.8                  | 96                       |
| 23                           | See Figure 1            | -2'       | 2                          | 136.0                     | 10.01             | 133.9                  | 98                       |
| 24                           | See Figure 1            | -2'       | 2                          | 136.0                     | 9.39              | 134.7                  | 99                       |

As requested, ESNW rep was onsite to test interior and exterior footing fill. While on site ESNW rep observed the following:

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ESNW rep will return when requested.

Adrien Leland  
 Assistant Field Supervisor





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| ESNW Rep.<br>AJL     | Project No.<br>7955   | Page<br>1 of 1         | Report No.<br>10      |
| Time On Site<br>9:00 | Time Off Site<br>9:30 | Date<br>8/9/21         | Day of Week<br>Monday |
| Travel Time<br>1 Hr. |                       | Weather<br>80°F, Sunny |                       |

|                                  |   |                                    |                       |
|----------------------------------|---|------------------------------------|-----------------------|
| Project Name<br>Foo SFR          | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |                       |
| Contractor #1<br>Builders Supply | Contact   | Field Supervisor<br>LAC            | Reviewed<br><i>UK</i> |
| Contractor #2                    | Contact   | Project Manager<br>RAC             | Reviewed              |

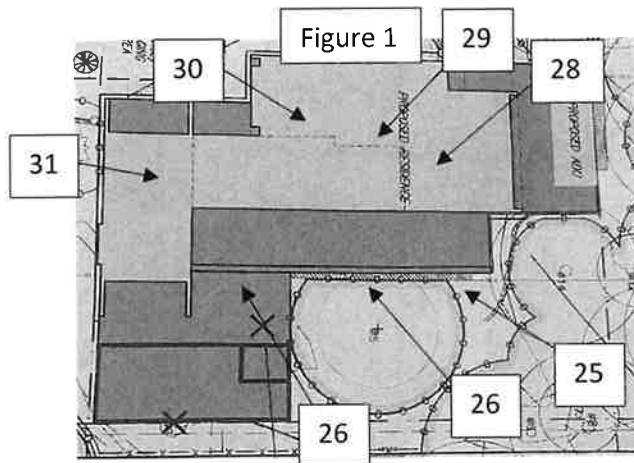
|                                     |             |            |
|-------------------------------------|-------------|------------|
| Are approved plans/permits on site? | Project No. | Permit No. |
|-------------------------------------|-------------|------------|

| Test Number                  | Test Location (See Map) | Elevation | Reference Compaction Curve | Maximum Dry Density (pcf) | Fill Moisture (%) | Test Dry Density (pcf) | % of Maximum Dry Density |
|------------------------------|-------------------------|-----------|----------------------------|---------------------------|-------------------|------------------------|--------------------------|
| <b>Exterior Footing Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 25                           | See Figure 1            | SG        | 2                          | 136.0                     | 10.25             | 133.5                  | 98                       |
| 26                           | See Figure 1            | SG        | 2                          | 136.0                     | 10.37             | 134.9                  | 99                       |
| 27                           | See Figure 1            | SG        | 2                          | 136.0                     | 9.61              | 132.0                  | 97                       |
| <b>Interior Footing Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 28                           | See Figure 1            | SG        | 2                          | 136.0                     | 9.89              | 130.8                  | 96                       |
| 29                           | See Figure 1            | SG        | 2                          | 136.0                     | 10.03             | 131.6                  | 96                       |
| 30                           | See Figure 1            | SG        | 2                          | 136.0                     | 9.44              | 130.2                  | 95                       |
| <b>Slab Subgrade</b>         |                         |           |                            |                           |                   |                        |                          |
| 31                           | See Figure 1            | -4'       | 2                          | 136.0                     | 8.68              | 133.4                  | 98                       |

As requested, ESNW rep was onsite to test interior and exterior footing fill. While on site ESNW rep observed the following:

Upon arrival, ESNW rep observed that the contractor placing fill along the exterior of the south footing stem wall, interior footing fills on the north side of the proposed residence, and slab subgrade fill along the west side of the residence. ESNW rep observed the fill being moisture treated and compacted using medium track hoe pack. ESNW rep took compaction tests at the SG elevations. Density test results indicate adequate compaction of at least 95% at the tested locations. The locations of these tests are approximately shown in Figure 1 below. ESNW rep will return when requested.

Adrien Leland  
 Assistant Field Supervisor





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**DAILY FIELD REPORT**

|                      |                        |                 |                        |
|----------------------|------------------------|-----------------|------------------------|
| ESNW Rep.<br>AJL     | Project No.<br>7955    | Page<br>1 of 1  | Report No.<br>11       |
| Time On Site<br>8:00 | Time Off Site<br>9:00  | Date<br>8/10/21 | Day of Week<br>Tuesday |
| Travel Time<br>1 Hr. | Weather<br>85°F, Sunny |                 |                        |

|                                  |   |                                    |                       |
|----------------------------------|---|------------------------------------|-----------------------|
| Project Name<br>Foo SFR          | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |                       |
| Contractor #1<br>Builders Supply | Contact   | Field Supervisor<br>LAC            | Reviewed<br><i>UK</i> |
| Contractor #2                    | Contact   | Project Manager<br>RAC             | Reviewed              |

|                                     |             |            |
|-------------------------------------|-------------|------------|
| Are approved plans/permits on site? | Project No. | Permit No. |
|-------------------------------------|-------------|------------|

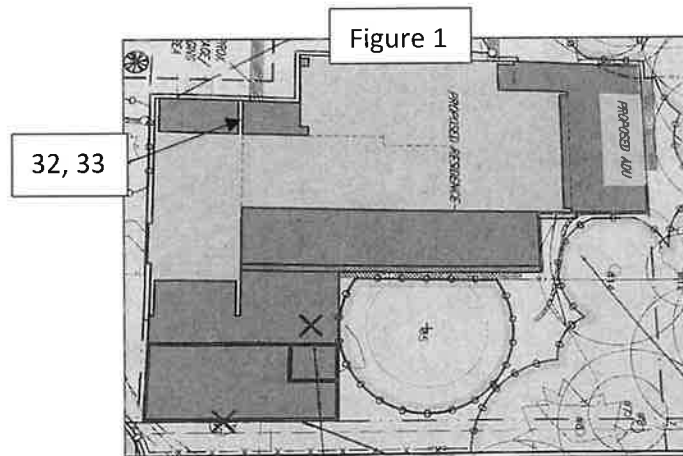
| Test Number                  | Test Location (See Map) | Elevation | Reference Compaction Curve | Maximum Dry Density (pcf) | Fill Moisture (%) | Test Dry Density (pcf) | % of Maximum Dry Density |
|------------------------------|-------------------------|-----------|----------------------------|---------------------------|-------------------|------------------------|--------------------------|
| <b>Footing Subgrade Fill</b> |                         |           |                            |                           |                   |                        |                          |
| 32                           | See Figure 1            | -4'       | 2                          | 136.0                     | 10.33             | 132.0                  | 97                       |
| 33                           | See Figure 1            | -2'       | 2                          | 136.0                     | 9.10              | 133.5                  | 98                       |

As requested, ESNW rep was onsite to test footing subgrade fill. While on site ESNW rep observed the following:

Upon arrival, ESNW rep observed that the contractor placing fill under the secondary pour footing subgrade on the northwest corner of the structure. ESNW rep observed the fill being moisture treated and placed in 1' lifts. ESNW rep observed the fill being compacted using medium track hoe pack. ESNW rep took compaction tests at the -2' and -4' elevations. Density test results indicate adequate compaction of at least 95% at the tested locations. The locations of these tests are approximately shown in Figure 1 below.

ESNW rep will return when requested.

Adrien Leland  
 Assistant Field Supervisor





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**DAILY FIELD REPORT**

|                      |                       |                                |                       |
|----------------------|-----------------------|--------------------------------|-----------------------|
| ESNW Rep.<br>TSH     | Project No.<br>7955   | Page<br>1 of 1                 | Report No.<br>12      |
| Time On Site<br>4:45 | Time Off Site<br>5:10 | Date<br>10/22/2021             | Day of Week<br>Friday |
| Travel Time<br>1.0RT |                       | Weather<br>50°F, Partly Cloudy |                       |

|                                 |   |                                    |              |
|---------------------------------|---|------------------------------------|--------------|
| Project Name<br>Foo SFR         | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |              |
| Contractor #1<br>Builders Suply | Contact   | Field Supervisor<br>LAC            | Reviewed<br> |
| Contractor #2                   | Contact   | Project Manager<br>RAC             | Reviewed     |

|  |             |            |
|--|-------------|------------|
| Are approved plans/permits on site? <b>Yes</b> | Project No. | Permit No. |
|--|-------------|------------|

At the client's request, ESNW rep was onsite to observe and probe footing subgrade within the Foo SFR development. While onsite the following was observed:

**South Footing Perimeter Subgrade Probe Observations:**

Per client request, ESNW rep arrived onsite within Foo SFR development to probe additional footing subgrades for the onsite SFR structure. Upon arrival, ESNW rep observed that the contractor was not onsite however had excavated additional footing subgrades along the south perimeter of the proposed structure.

***ESNW rep utilized a 1/2" diameter steel footing probe to probe the newly excavated south footing subgrade(s) and observed moisture rich and loose soils conditions along the entirety of the south perimeter footing subgrades. ESNW rep recommends that the contractor perform the following:***

- ***Over excavate the upper elevation central footing subgrade by a minimum of 2' or until suitable dense structural bearing soils are encountered.***
- ***Over excavate the lower elevation southern perimeter footing subgrade by a minimum of 1' or until suitable dense structural bearing soils are encountered.***

ESNW rep marked the following locations of recommended over-excavation for the contractor with orange marking paint. Please refer to the attached photo documentation provided below.

ESNW rep will return per client request.

Trevor Healy, G.I.T.  
 Senior Field Technician  
 (206)-498-9751





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## DAILY FIELD REPORT

|                      |                                |                    |                        |
|----------------------|--------------------------------|--------------------|------------------------|
| ESNW Rep.<br>TSH     | Project No.<br>7955            | Page<br>1 of 1     | Report No.<br>13       |
| Time On Site<br>3:00 | Time Off Site<br>3:40          | Date<br>10/26/2021 | Day of Week<br>Tuesday |
| Travel Time<br>1.0RT | Weather<br>50°F, Partly Cloudy |                    |                        |

|                                  |   |                                    |                                |
|----------------------------------|---|------------------------------------|--------------------------------|
| Project Name<br>Foo SFR          | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |                                |
| Contractor #1<br>Builders Supply | Contact   | Field Supervisor<br>LAC            | Reviewed<br><i>[Signature]</i> |
| Contractor #2                    | Contact   | Project Manager<br>RAC             | Reviewed                       |

|  |             |            |
|--|-------------|------------|
| Are approved plans/permits on site? <b>Yes</b> | Project No. | Permit No. |
|--|-------------|------------|

At the client's request, ESNW rep was onsite to observe and probe footing subgrade within the Foo SFR development. While onsite the following was observed:

**South Footing Perimeter Subgrade Over-Excavation Observations:**  
 Per client request, ESNW rep arrived onsite within Foo SFR development to observe and document over-excavated footing subgrade along the south footing perimeter. Upon arrival, ESNW rep met with the onsite contractor (Builders Supply) and client rep (Gabe, JayMarc) and observed the contractor had begun the recommended over-excavation of the footing subgrade and stockpiling of clean 2-4" crushed rock backfill material. ESNW rep showed the client rep the areas of soft probing conditions encountered, and recommended that the contractor continue the following over-excavation recommendations:

- **1' over-excavation and clean rock backfill of the slab subgrade**
- **2' over-excavation and clean rock backfill of the footing wall subgrade**

Following discussion with the client and contractor about loose soils conditions along the existing footing wall (pictured), ESNW rep was informed that following compaction testing of the footing wall backfill along the south footings (please refer to DFR 12, August 2021), the contractor had later removed the footing wall backfill to install footing drains with unknown comp active effort. Due to the present moisture rich and loose soils conditions in addition to the lack of compaction observation, ESNW PM (RAC) recommended that the contractor remove this area of backfill and replace with a minimum of 2' of clean 2-4" crushed rock.

The contractor and client agreed to these recommendations and requested ESNW rep return tomorrow for over-excavation and backfill observation. Please refer to the attached photo documentation provided below.

ESNW rep will return per client request.

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## DAILY FIELD REPORT

|                       |                                |                    |                          |
|-----------------------|--------------------------------|--------------------|--------------------------|
| ESNW Rep.<br>TSH      | Project No.<br>7955            | Page<br>1 of 1     | Report No.<br>14         |
| Time On Site<br>11:10 | Time Off Site<br>11:25         | Date<br>10/27/2021 | Day of Week<br>Wednesday |
| Travel Time<br>1.0RT  | Weather<br>50°F, Partly Cloudy |                    |                          |

|                                 |   |                                    |                       |
|---------------------------------|---|------------------------------------|-----------------------|
| Project Name<br>Foo SFR         | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |                       |
| Contractor #1<br>Builders Suply | Contact   | Field Supervisor<br>LAC            | Reviewed<br><i>UK</i> |
| Contractor #2                   | Contact   | Project Manager<br>RAC             | Reviewed              |

|  |             |            |
|--|-------------|------------|
| Are approved plans/permits on site? <b>Yes</b> | Project No. | Permit No. |
|--|-------------|------------|

At the client's request, ESNW rep was onsite to observe and document footing subgrade backfill within the Foo SFR development. While onsite the following was observed:

### South Footing Perimeter Subgrade Over-Excavation Observations:

Per client request, ESNW rep arrived onsite within Foo SFR development to observe and document over-excavated footing subgrade along the south footing perimeter. Upon arrival, ESNW rep met with the onsite contractor (Builders Supply) and client rep (Gabe, JayMarc) and observed the contractor was onsite and commencing the previously recommended over-excavation within the footing subgrade. ESNW rep observed the contractor had over-excavated the slab subgrade by approximately 1' and was actively over-excavating the remainder of the footing wall subgrade by a minimum of 2' per recommendation and removing the loose backfill along the existing south footing wall. The contractor was additionally observed to have stockpiled clean 2-4" rock as material for backfill and informed ESNW rep that backfill would be completed by tomorrow afternoon.

ESNW rep will return tomorrow for further documentation of footing subgrade over-excavation backfill per client request. Please refer to the attached photo documentation provided below.

ESNW rep will return per client request.

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### DAILY FIELD REPORT

|                      |                       |                                |                         |
|----------------------|-----------------------|--------------------------------|-------------------------|
| ESNW Rep.<br>TSH     | Project No.<br>7955   | Page<br>1 of 1                 | Report No.<br>15        |
| Time On Site<br>2:35 | Time Off Site<br>2:50 | Date<br>10/28/2021             | Day of Week<br>Thursday |
| Travel Time<br>1.0RT |                       | Weather<br>50°F, Partly Cloudy |                         |

|                                 |   |                                    |   |
|---------------------------------|---|------------------------------------|---|
| Project Name<br>Foo SFR         | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |   |
| Contractor #1<br>Builders Suply | Contact   | Field Supervisor<br>LAC            | Reviewed<br> |
| Contractor #2                   | Contact   | Project Manager<br>RAC             | Reviewed  |

|  |             |            |
|--|-------------|------------|
| Are approved plans/permits on site? <b>Yes</b> | Project No. | Permit No. |
|--|-------------|------------|

At the client's request, ESNW rep was onsite to observe and document footing subgrade backfill within the Foo SFR development. While onsite the following was observed:

#### South Footing Perimeter Subgrade Over-Excavation Observations:

Per client request, ESNW rep arrived onsite within Foo SFR development to observe and document over-excavated footing subgrade along the south footing perimeter. Upon arrival, ESNW rep met with the onsite client rep (Gabe, JayMarc) and observed the contractor had completed backfill of the footing and slab subgrade with the minimum recommended amount of clean 2-4" crushed rock (minimum of 1' below slab subgrade, minimum of 2' below spread footing subgrade). ***These conditions are considered suitable for the support of the proposed structure.***

ESNW rep will return for further earthwork observations per client request. Please refer to the attached photo documentation provided below.

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## DAILY FIELD REPORT

|                       |                        |                                |                        |
|-----------------------|------------------------|--------------------------------|------------------------|
| ESNW Rep.<br>TSH      | Project No.<br>7955    | Page<br>1 of 1                 | Report No.<br>16       |
| Time On Site<br>12:15 | Time Off Site<br>12:30 | Date<br>12/7/2021              | Day of Week<br>Tuesday |
| Travel Time<br>1.0RT  |                        | Weather<br>50°F, Partly Cloudy |                        |

|                                 |   |                                    |  |
|---------------------------------|---|------------------------------------|--|
| Project Name<br>Foo SFR         | Job Location<br>3453 74 <sup>th</sup> Ave SE, Mercer Island | Client/Owner<br>JayMarc Homes, LLC |  |
| Contractor #1<br>Builders Suply | Contact   | Field Supervisor<br>LAC            | Reviewed  |
| Contractor #2                   | Contact   | Project Manager<br>RAC             | Reviewed   |

|  |             |            |
|--|-------------|------------|
| Are approved plans/permits on site? <b>Yes</b> | Project No. | Permit No. |
|--|-------------|------------|

At the client's request, ESNW rep was onsite to observe and probe interior slab subgrade conditions within the Foo SFR development. While onsite the following was observed:

### Interior Slab Soil Bearing Verification Probe Observations:

Per client request, ESNW rep arrived onsite within Foo SFR development to observe and probe the prepared subgrade for the interior slab located within the south area of the SFR structure. Upon arrival, ESNW rep met with the onsite contractor (Builders Supply), and observed that the slab subgrade consisted of onsite native soils fill material that had been placed following footing wall construction. ESNW rep utilized a 1/2" diameter steel footing probe to probe the interior slab subgrade and observed loose and over-optimum moisture conditions within the fill, which is not considered suitable for the structure.

ESNW rep recommended that the contractor over-excavate the top 12" of the slab subgrade and backfill with imported clean crushed rock (2-4") to original slab subgrade elevation. The contractor acknowledged this recommendation and agreed to contact ESNW rep once installation is complete for follow up observation.

ESNW rep will return for further earthwork observations per client request. Please refer to the attached photo documentation provided below.

Trevor Healy, G.I.T.  
Senior Field Technician  
(206)-498-9751






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# FIELD REPORT

|  |                                   |   |                 |               |                    |
|--|-----------------------------------|---|-----------------|---------------|--------------------|
| Project No.  | 7955.00                           | Page  | 1 of 1          | Report ID     | 7955.00 E 12142021 |
| Date   | Tue 12/14/2021                    | Weather   | 40's, Overcast  |               |                    |
| Arrival/Departure Time(s)  | 1:15 / 1:35                       | Travel Time (hr)  | 1.0             |               |                    |
| Project Name   | Foo SFR                           |   |                 |               |                    |
| Location   | 3453 74th Ave SE, Mercer Island   |   |                 |               |                    |
| ESNW Rep. & Phone  | Trevor Healy (206-468-9751)       |   |                 |               |                    |
| Client Info/Contact  | JayMarc Homes, LLC   James McNeal |   |                 |               |                    |
| General Contractor Info/Contact  | Builders Supply                   |   |                 |               |                    |
| Contractor #2 Info/Contact   |                                   |   |                 |               |                    |
| Permit No(s).  |                                   |   |                 |               |                    |
| Reviewed By  | LAC                               |  | RAC             |               |                    |
|  | Field Supervisor                  | Initials/Date   | Project Manager | Initials/Date |                    |
| <small>Limitations: The presence of our field representative at the site is to provide our client with a source of professional advice, opinions, and recommendations based upon the field representative's observations and testing of the contractor's work. Our services do not include supervision or direction of the contractor, their employees, or agents. Geotechnical recommendations for obtaining project objectives may be made by our representatives; however, direction of the actual work should come from the owner or contractor, as appropriate. The contractor is responsible for complying with the contract documents at all times, regardless of the presence of our field representative. Jobsite safety, including compliance with all applicable state or federal regulations, is the sole responsibility of the contractor. The observations, recommendations, and conclusions provided in this field report are preliminary until reviewed by the ESNW project manager.</small> |                                   |   |                 |               |                    |

At the client's request, ESNW rep was onsite to observe and document slab over-excavation backfill within the Foo SFR development. While onsite the following was observed:

**Interior Slab Subgrade Over-Excavation Backfill Observations:**

Per client request, ESNW rep arrived onsite within Foo SFR development to observe and document completed slab over-excavation and backfill. While onsite, ESNW rep observed the earthwork contractor was not onsite however had completed the previous subgrade recommendations.

***ESNW rep observed that the contractor had completed the previously recommended approximate 12" over-excavation of the interior slab subgrade and had placed the recommended backfill consisting of clean 2" crushed rock to original slab subgrade elevation. These conditions are considered suitable for the support of the proposed slab.***

Please refer to the attached photo documentation provided below. ESNW rep will return per client request.

