

## **Well Installation Diagram**

**Well**: <u>MW-316</u>

Client: DDMT
Project: SRI Phase 4
Project Number: 10058697
Site Location: N. of Pentecostal Church

Logged by: <u>C. Mokri</u>
Well Completion Date: <u>10/10/201</u>9

Northing: <u>276232.0</u> Easting: <u>800123.8</u>

Ground Elevation (NAVD88): 292.0

Top of Screen Elevation (ft, NAVD): 201.8

Top of Casing Elevation (ft, NAVD): 291.53

Drilling Company: Cascade
Drilling Method: Sonic TS150CC
Borehole Diameter (in): 6

WELL DIAGRAM

Type of Filter Pack: Sand

Bollards: No
Well Diameter (in): 2
Well Material: SCH 40 PVC
Slot Size (in): 0.010

Type of Filter Pack: Sand
Filter Pack Gradation: #10-20
Filter Pack Quantity: 200 lbs.
Bentonite Type: 3/8 in. Chips
Bentonite Quantity: 150 lbs.

Grout Type: Type II

Grout Quantity: 150 gal.

Well Development Method: Waterra Hydrolift II

Well Development Date: 10/15/19Depth to Water (ft. btoc): 76.42

Sch 40 PVC Blank Casing 30 Cement-Bentonite Grout 50 60 70 -Bentonite Chips #10-20 Filter Sand

Pad Dimensions: 3 ft. x 3 ft.

Surface Completion: 8" Diameter Flush Mount Well Box

Riser Length (ft): 89.7

Depth to Top of Bentonite (ft, bgs): 80.0

Depth to Top of Filter Pack (ft, bgs): 95

Length of Screen (ft): 10

Total Well Depth (ft, btoc): 100

Total Boring Depth (ft, btoc): 105

Created By: <u>C. Mokri</u>
Created Date: <u>10/22/19</u>

100

Sch 40 PVC 0.010 Slotted

Screen

Slough

Checked By: T. Holmes
Checked Date: 2/28/20