

Date : 05/08/2021
Project No : 2020C002
Client Company : Toll Bros. Inc.
Arrival Time : 05/08/2021 08:00
Onsite Hours : 08:00

ASEC Report ID : 15762
Name of the Project : Northfields at Polo Fields
Project Location : 4805 Pittman Road, Forsyth County, Georgia
Weather : Sunny
Departure Time : 05/08/2021 16:00
ASEC Technician Name : Andrew McCullough

The site was visited by the undersigned AS Engineering and Consulting (ASEC) representative for the purpose of providing quality control inspection and testing services. Visual observation techniques were employed to assure compliance with project drawing/specifications, applicable codes, and materials submittals. The following observations were made on site today.

1. The inspector visually observed the installation of the sewer line laterals being installed between MH A7 through MH A8. Sewer laterals 9, 8, and 27 were installed according to project specifications.
2. During the installation of the above mentioned sewer line, backfill activities were being performed between MH A6 and MH A7. Approximately 5' of fill was placed in the above mentioned area. Based on review of guidelines for fill placement, the required compaction for structural fill at the above mentioned area is 95% of a standard proctor. Based on visual observation and field measuring, the fill was placed in 10" thick lifts and compacted using a sheep's foot roller as well as a CAT 815. Based on density testing, the fill placed today between +1' and +6' above the pipe was compacted according to project specifications. See attached density test results for more details.
3. The contractor was observed placing a French drain starting inside the creek 40' South of HW F10 and running 100' NW toward Lot #27 in order to aid in dewatering the area prior to remediation. A 4' trench was dug 3' wide along the above mentioned area, filter fabric was placed inside the length of trench followed by a total of 1' of 57 stone. The filter fabric was wrapped around the stone prior to being backfilled.
4. The site superintendent requested that the onsite inspector observe the area on the East side of the first creek crossing parallel to the previously installed pipe prior to the placement of structural fill. The inspector observed the contractor excavating approximately 1' of heavy organic material from the toe of the slope on the South of the storm drain up to the center of the proposed road. Random exploratory penetration resistance testing was done inside of this degraded area and the inspector observed no stable surface to start backfilling. The inspector consulted with the project Engineer Ram Mogulla, and the following recommendation was given to stabilize this area prior to the placement of structural fill.
 - Approximately 1 foot of topsoil and other organic material be removed from the area intended for structural fill.
 - Installing 1' of #34 stone wrapped in fabric before structural fill is placed in this area. The area in question is approximately 105'x75'.



Ramchandra R. Mogulla
GA P.E. 036021
Senior Engineer

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