Client: Needham DPW  
Dates: 12/12/15 to 12/18/15

Contract: Rockwood Lane Extension
Developer: Wayside Realty Trust
Inspector(s) on site: BL

WORK COMPLETED THIS WEEK

- AM Gallagher on site to pressure test and chlorinate water main 12/14/15
- Water main fails pressure test 12/14/15
- Titan Contractors and AM Gallagher continue to investigate and isolate source of leak 12/14/15
- Titan excavates to install underdrain from DCB 3 along retaining wall Lot 9 to Lot 6 12/14/15
- Received call from Town Engineer regarding backfilled placed on underdrain and installation of infiltration units 12/14/15
- BETA meets with Developer (Steve Venincasa and Dave Zercoe) who request a meeting with the Town of Needham to discuss a plan modification regarding the placement of gravel on Lots 6, 7, 8, & 9 12/14/15
- BETA calls Dave Roche Building Commissioner to discuss constructed retaining walls 12/14/15
- BETA notes that the sub-drain 60’ beyond CB 3 is not being installed in accordance with the approved plans and notifies Titan Contractors 12/14/15. Insufficient stone bedding noted.
- Titan continues to excavate and install sub-drain without proper stone bedding 12/15/15
- BETA informs Titan and Site Supervisor that sub-drain is not being installed in accordance with the approved plans 12/15/15
- Titan Contractors excavate sewer main line between SHM 2 & SMH 3 to expose pipe and determine cause of pressure test failure 12/15/15
- Titan repairs 45° bend for Lot 9 which maybe the potentially cause of the test failure 12/16/15
- AM Gallagher on site to continue to investigate and isolate issue with water main 12/16/15
- AM Gallagher performs 2 water main pressure tests. The first test was completed with hydrant 1 valve closed due to an issue with the hydrant. The result of the test indicated a 20lb differential in pressure over 2 hours using 21oz of water to achieve the original pressure. 12/16/15
- The second test is completed with similar results with hydrant 1 included in the test with 22lb differential in pressure over 2 hours using 21oz of water to achieve the original pressure. 12/16/15
- AM Gallagher chlorinates water main 3:30 pm. Litmus tests samples taken at both fire hydrant locations 12/16/15
- AM Gallagher will provide hard copies of the tests results
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- Baystate WinSupply on site to retest sewer main between SMH 2 – SMH 3. Also, pressure test conducted on SMH 1 & SHM 2. All tests pass 12/17/15 Winsupply to provide testing report results.
- Titan installs stone bedding and backfills sewer trench following successful pressure test 12/17/15
- WSW Masonry continues building stone retaining walls Lot 6 12/14/15 – 12/18/15
- Titan Contractors preparing areas for retaining walls 12/14/15 – 12/18/15
- Titan Contractors excavator providing stone for wall building 12/14/15 – 12/18/15
- Site Supervisor present on site Mon 12/14/15 7:00 am – 9:00 pm, Tue 12/8/15 all day, Wed 12/9/15 1:00 pm – 5:00 pm, Thu 12/10/15 7:00 am – 1:00 pm & Fri 7:00 am – 1:30 pm
- Meeting held with Town officials, representatives from BETA Group, site owner and contractor to discuss placement of gravel fill on Lots 6, 7, 8, & 9. Also, discuss installation of underdrain and results of water main and sewer line pressure testing. 12/18/15

WORK ANTICIPATED FOR NEXT WEEK

- Drilling and blasting operations on hold until further notice
- Installation of sub surface drain rear of Lots 9 – 8 & 7
- Extension of sewer service for Lot 6
- Installation of 2’ offset stakes to layout road for finish grade
- Excavation of blasted rock
- Rough grading road with sub-base and base gravel
- Fine grading processed gravel
- Binder course paving
- Stone masons continue building retaining walls behind lot 6
- Hammering ledge as needed for installation of utilities
PHOTOS

Second water main pressure test fails 12/14/15

Titan excavates to expose all mechanical fittings

Titan installs underdrain from CB 3. Insufficient stone bedding, contractor notified 12/14/15

Titan excavator removed form site 12/14/15
PHOTOS

Underdrain base with insufficient bedding 12/15/15

Titan excavates to expose sewer main SMH 2 – SMH 3 12/15/15

WSW Masonry builds wall northwest corner Lot 6 – 12/15/15

New hydrant installed STA 2+49 12/16/15
Second water main pressure test conducted 12/16/15

Baystate Winsupply retests sewer main SMH2-SMH3 - 12/17/15

Sewer manhole pressure testing completed 12/17/15

Water main flushed prior to collecting sample for testing at independent lab 12/18/15