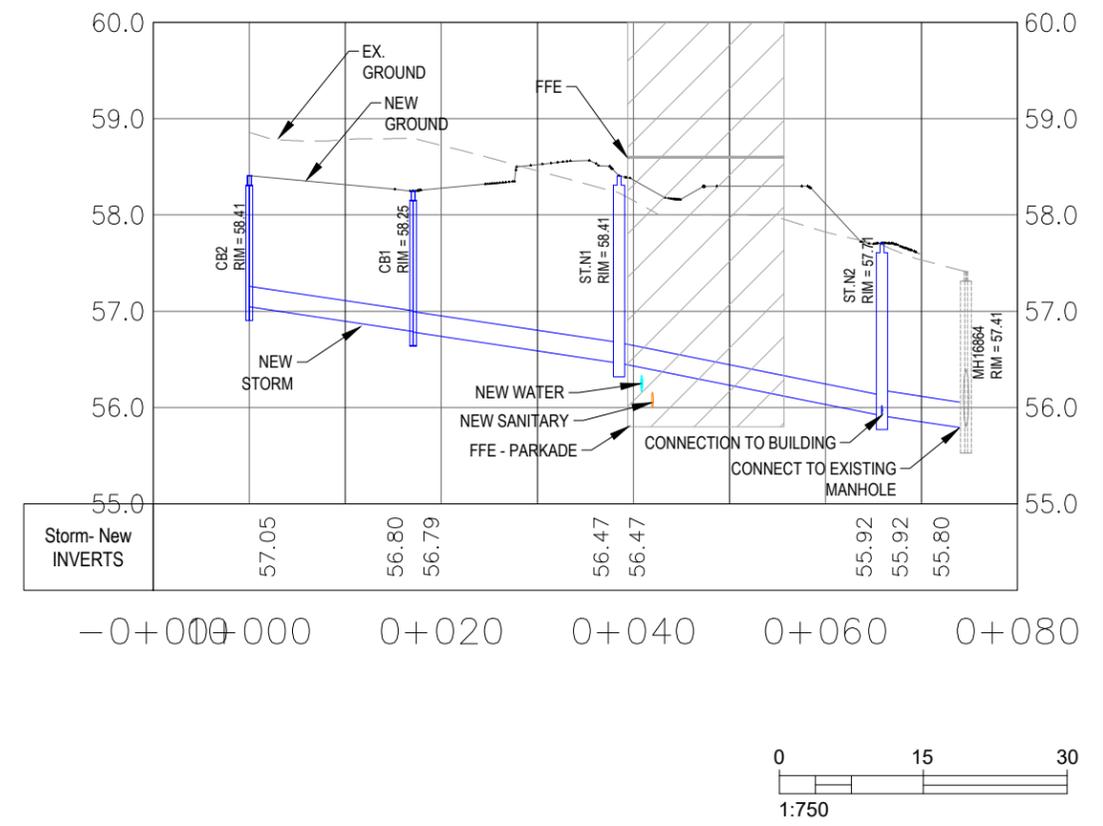


STORMWATER PROFILE (PRELIMINARY)



- NOTES**
- EXISTING MUNICIPAL SERVICE INFORMATION OBTAINED FROM HALIFAX WATER
 - ALL LOCATIONS AND INVERTS OF EXISTING INFRASTRUCTURE ARE APPROXIMATE ONLY AND TO BE CONFIRMED DURING DETAILED DESIGN
 - NEW PIPE SIZING, LOCATION AND INVERTS TO BE CONFIRMED DURING DETAILED DESIGN
 - DETAILED STORM WATER CALCULATIONS TO BE COMPLETED DURING DETAILED DESIGN TO BALANCE PRE AND POST DEVELOPMENT FLOWS.

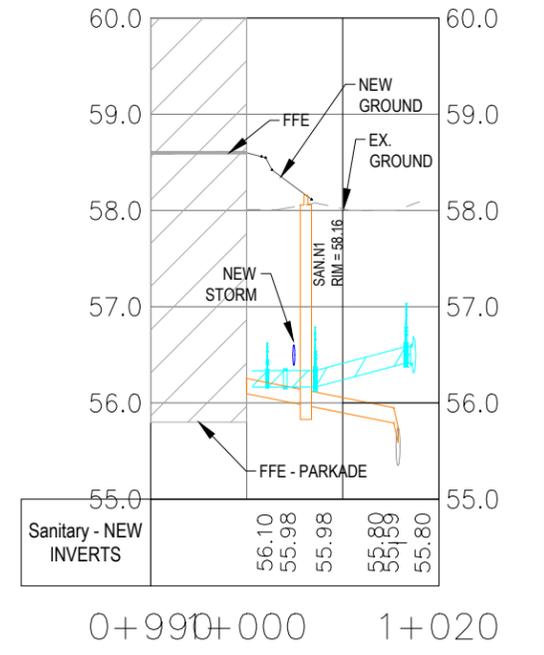
PRELIMINARY SANITARY CALCULATIONS

Calculations completed as per Halifax Water Standard Specifications (2022)

Population: 47 units at 2.25 people/unit = 106 People
 Peak Wet Weather Flow = 2.06 l/sec (32.52 USgpm)
 150Ø Service Connections (min. size) capacity = 28.0 l/sec
 Capacity utilization = 7.4%
 Velocity = 1.58 m/s

Contribution to existing 300Øc Sanitary main on Sackville Drive = 1.1%

SANITARY AND WATER PROFILES (PRELIMINARY)



NOT FOR CONSTRUCTION