Observations of a Full-time Bay Street East Resident

OUTLINE

Gas Main installation Impact

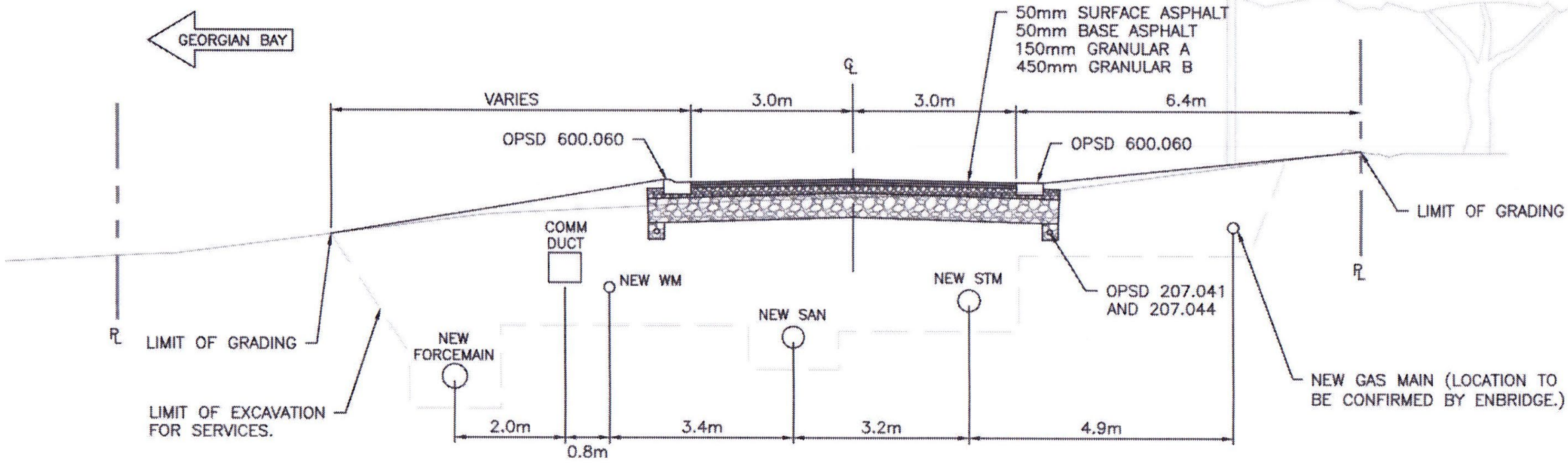
How it (nearly) affected a Wonderful Tree!

Understanding connections to each household

All the other utilities

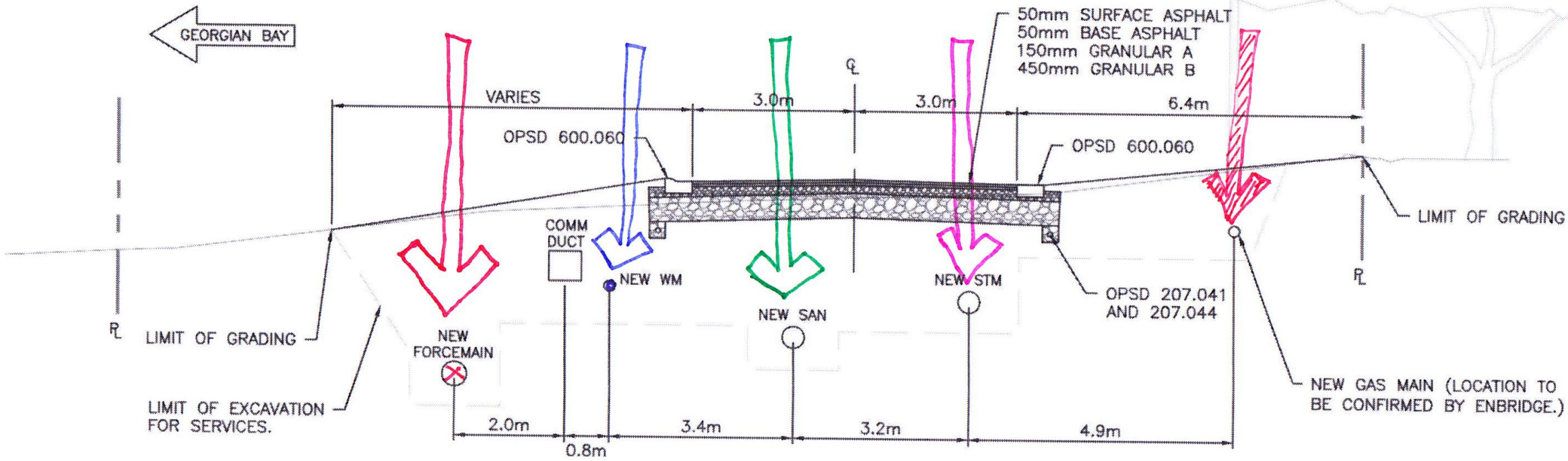
Final takeaways

John Edwards, December 15, 2025



BAY STREET EAST
TYPICAL SECTION 2 STA. 0+240 TO STA. 0+340

SCALE: 1:100



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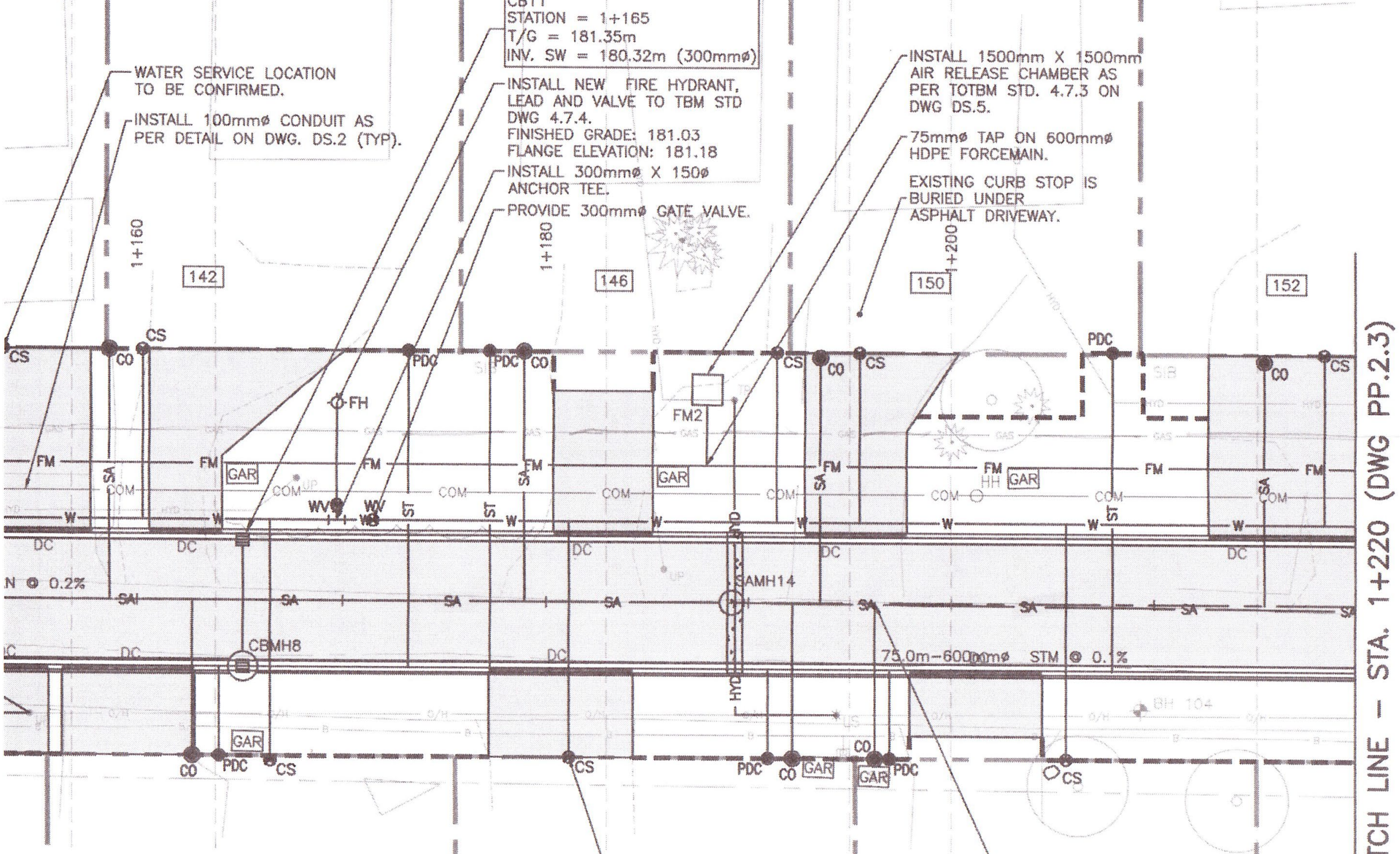
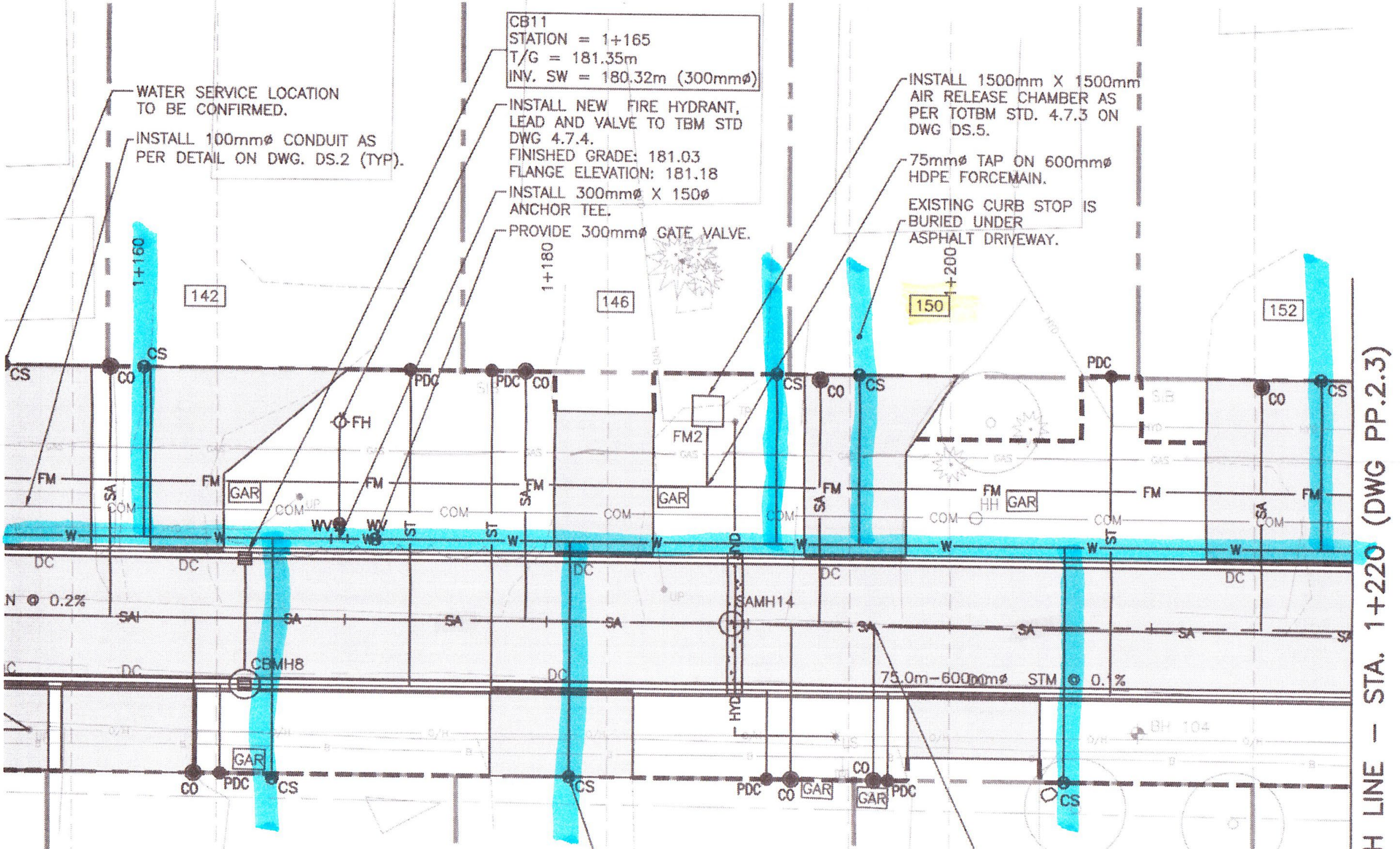

CBMH7
STATION = 1+165
T/G = 181.35m
INV. SW = 180.32m (300mmø)
WATER SERVICE LOCATION TO BE CONFIRMED.
INSTALL 100mmø CONDUIT AS PER DETAIL ON DWG. DS.2 (TYP).
INSTALL NEW FIRE HYDRANT, LEAD AND VALVE TO TBM STD DWG 4.7.4.
FINISHED GRADE: 181.03
FLANGE ELEVATION: 181.18
INSTALL 300mmø X 150ø ANCHOR TEE.
PROVIDE 300mmø GATE VALVE.
INSTALL 1500mm X 1500mm AIR RELEASE CHAMBER AS PER TOTBM STD. 4.7.3 ON DWG DS.5.
75mmø TAP ON 600mmø HDPE FORCEMAIN.
EXISTING CURB STOP IS BURIED UNDER ASPHALT DRIVEWAY.
1+160
1+180
1+200
142
146
150
152
FH
FM2
SAMH14
CBMH8
75.0m–600mmø STM @ 0.1%
N @ 0.2%
GAR
BH 104
MATCH LINE – STA. 1+220 (DWG PP.2.3)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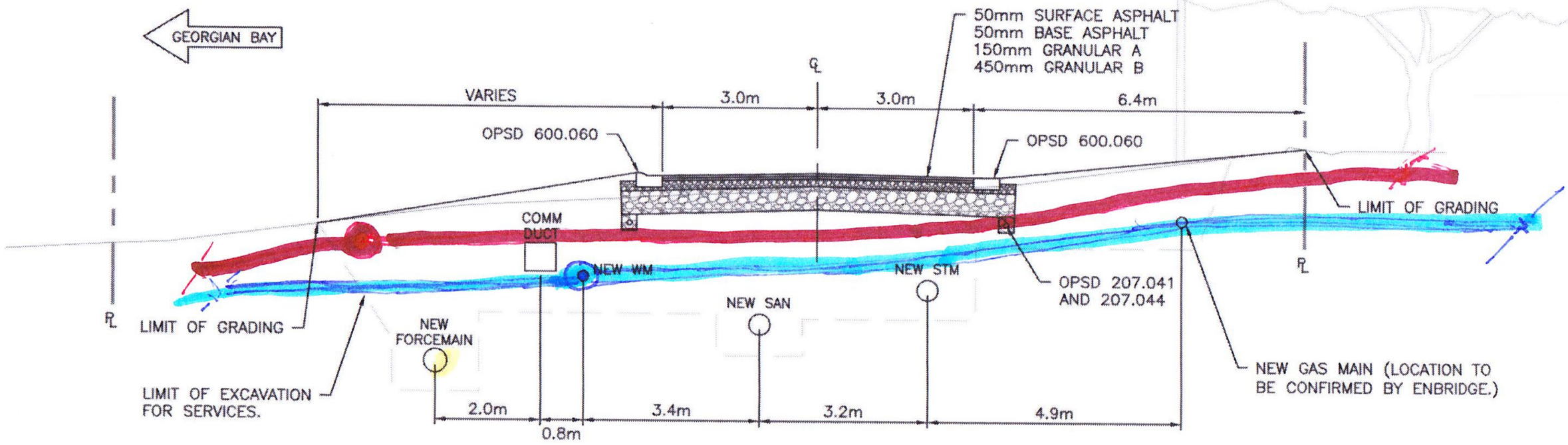

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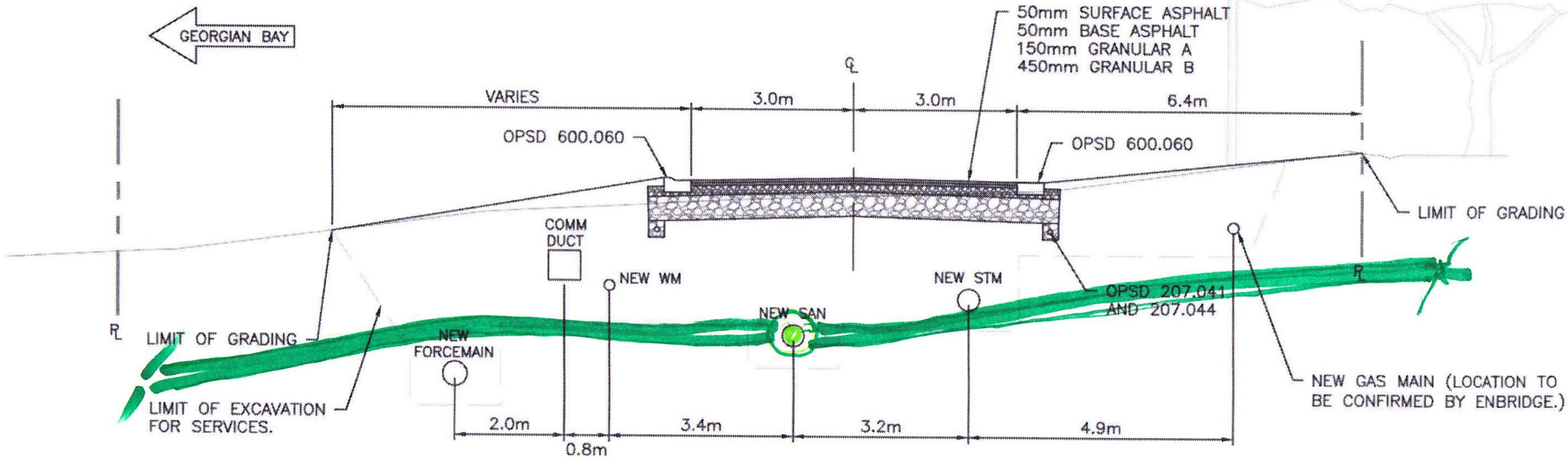

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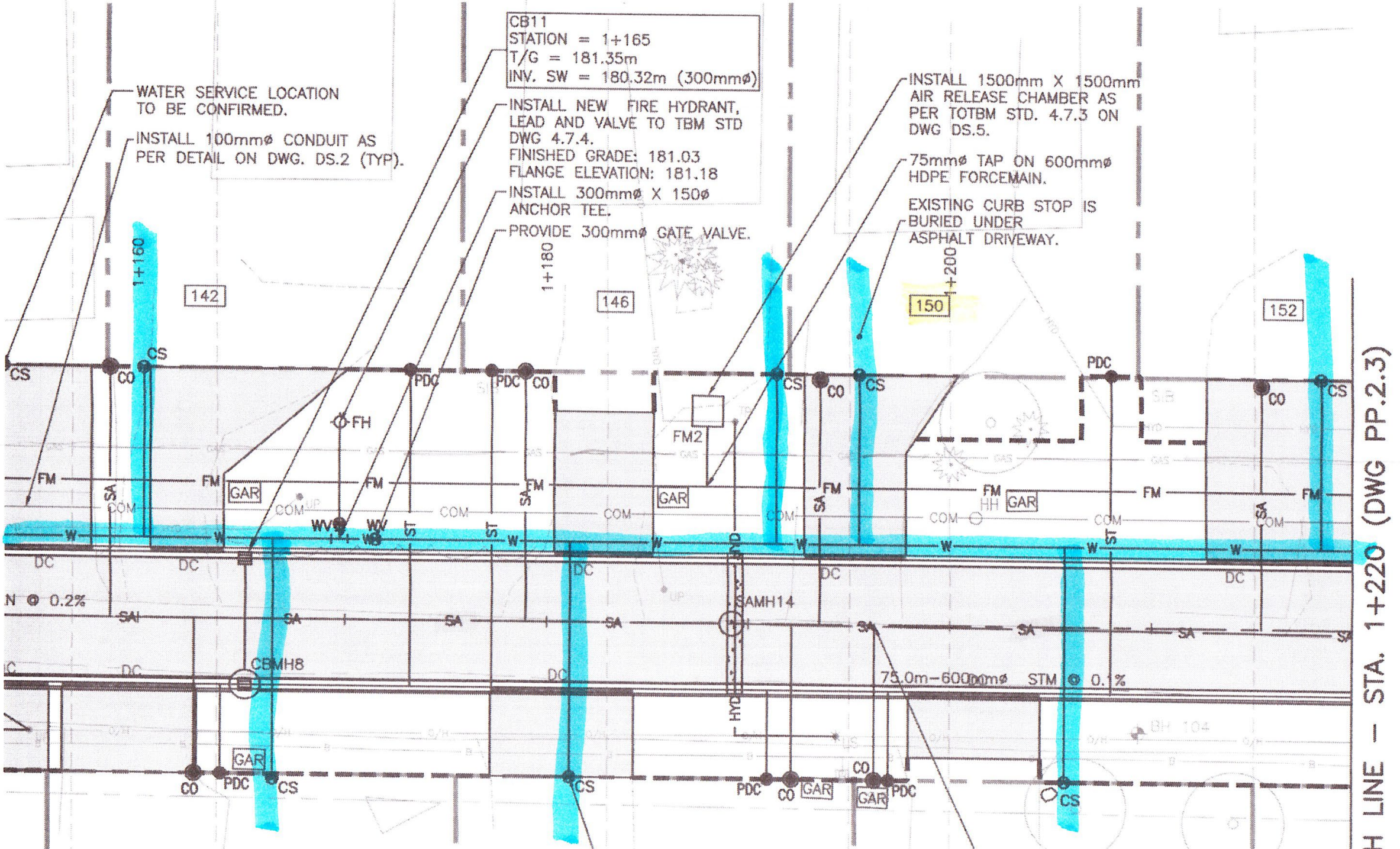
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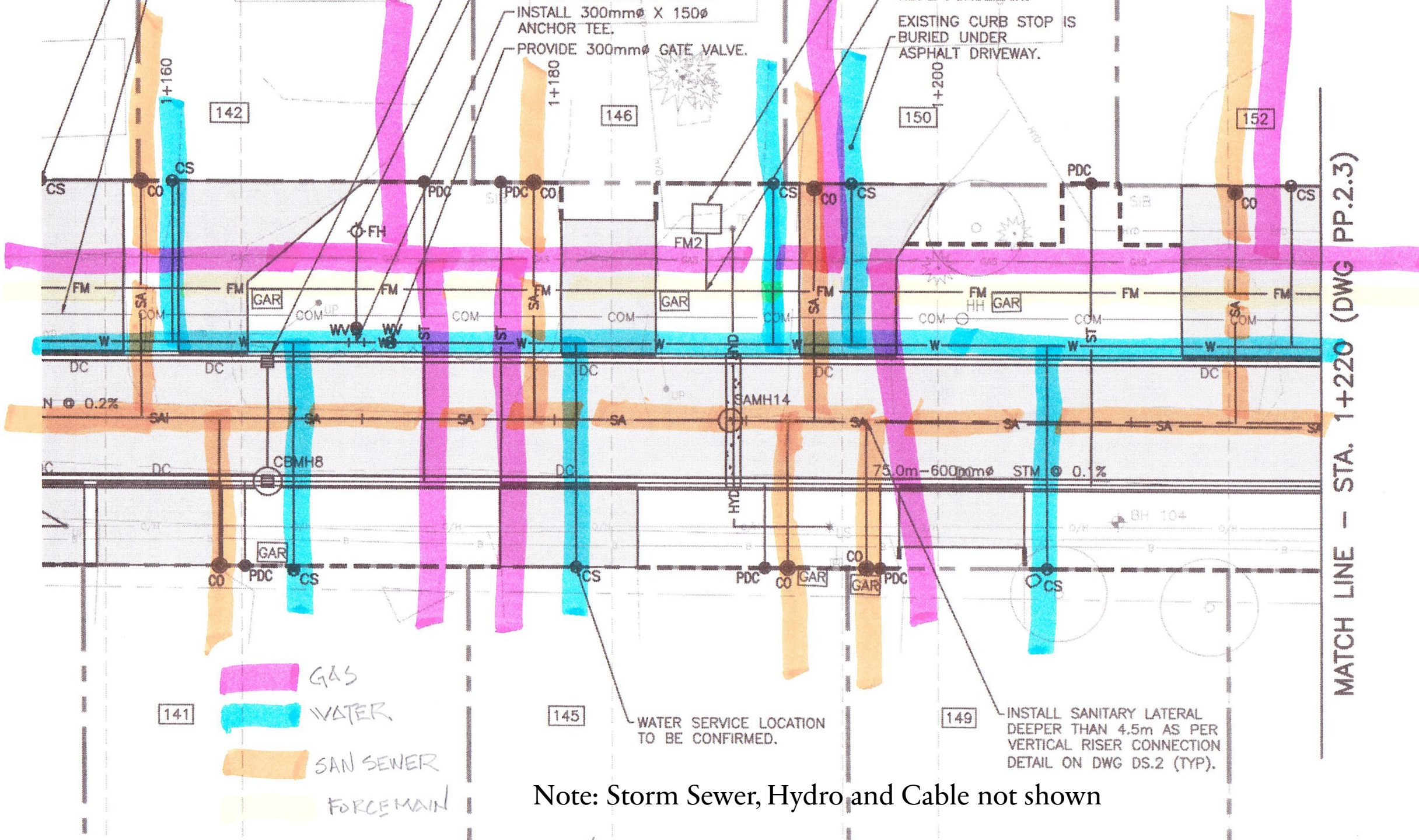

Note: Storm Sewer, Hydro and Cable not shown

I asked AI a simple question…

- if you were putting new sanitary sewers, a water main, gas lines, a storm sewer and a Forcemain on a street, what kind of street would you look for?

I asked AI a simple question…

- **Minimal Existing Infrastructure:** A "greenfield" development or a street with few existing underground utilities is ideal because it avoids the complexity, risk, and expense of working around or relocating existing hydro, cable, telephone, and other lines.
- **Low Traffic and Population Density:** Construction in densely populated urban areas can lead to significant traffic congestion, accessibility issues, and public disruption, often requiring costly mitigation strategies like full road closures or the use of trenchless technologies (e.g., horizontal directional drilling). A low-traffic street minimizes these challenges.

FINAL TAKEAWAY

This is likely the last “Exit Ramp” for Council to not put a Forcemain down Bay Street East. Bay Street only really needs a new water main.

Making a course correction now will save millions of dollars!

Please consider doing so!

THANK YOU