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The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

Legend

- PROPOSED WATERMAIN
PROPOSED VALVE AND VALVE BOX
PROPOSED VALVE CHAMBER
PROPOSED REDUCER
PROPOSED FIRE HYDRANT
PROPOSED SANITARY SEWER
PROPOSED STORM SEWER
PROPOSED CATCHBASIN MANHOLE
PROPOSED CATCHBASIN
EXISTING WATERMAIN
EXISTING VALVE AND VALVE BOX
EXISTING VALVE CHAMBER
EXISTING REDUCER
EXISTING FIRE HYDRANT
EXISTING SANITARY SEWER
EXISTING STORM SEWER
EXISTING CATCHBASIN MANHOLE
EXISTING CATCHBASIN
PROPOSED DEPRESSED CURB LOCATIONS
PROPOSED BARRIER CURB
THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.
WATER METER
REMOTE WATER METER

Notes

- 1. FINAL METER AND REMOTE METER LOCATIONS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
2. THE LOCATION OF UTILITIES IS APPROXIMATE ONLY AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND THE IMPLEMENTATION OF ANY NECESSARY PROCEDURES CALLED FOR IN THE APPROPRIATE STANDARD AND REGULATIONS.
3. INTERNAL PLUMBING AND SLUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.

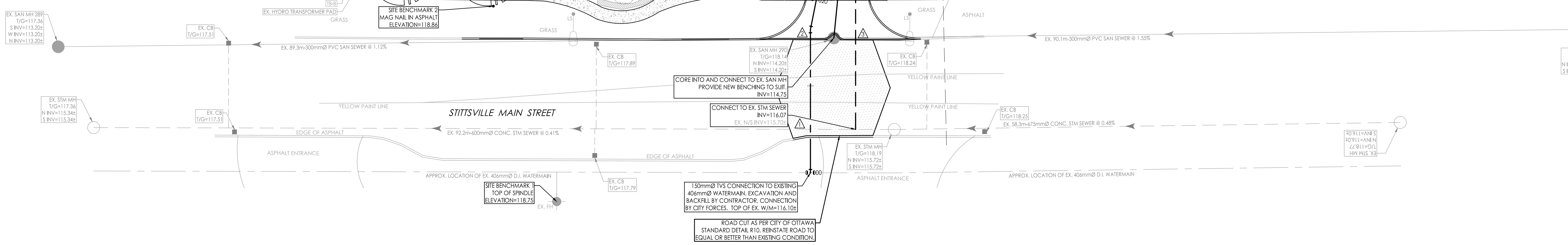
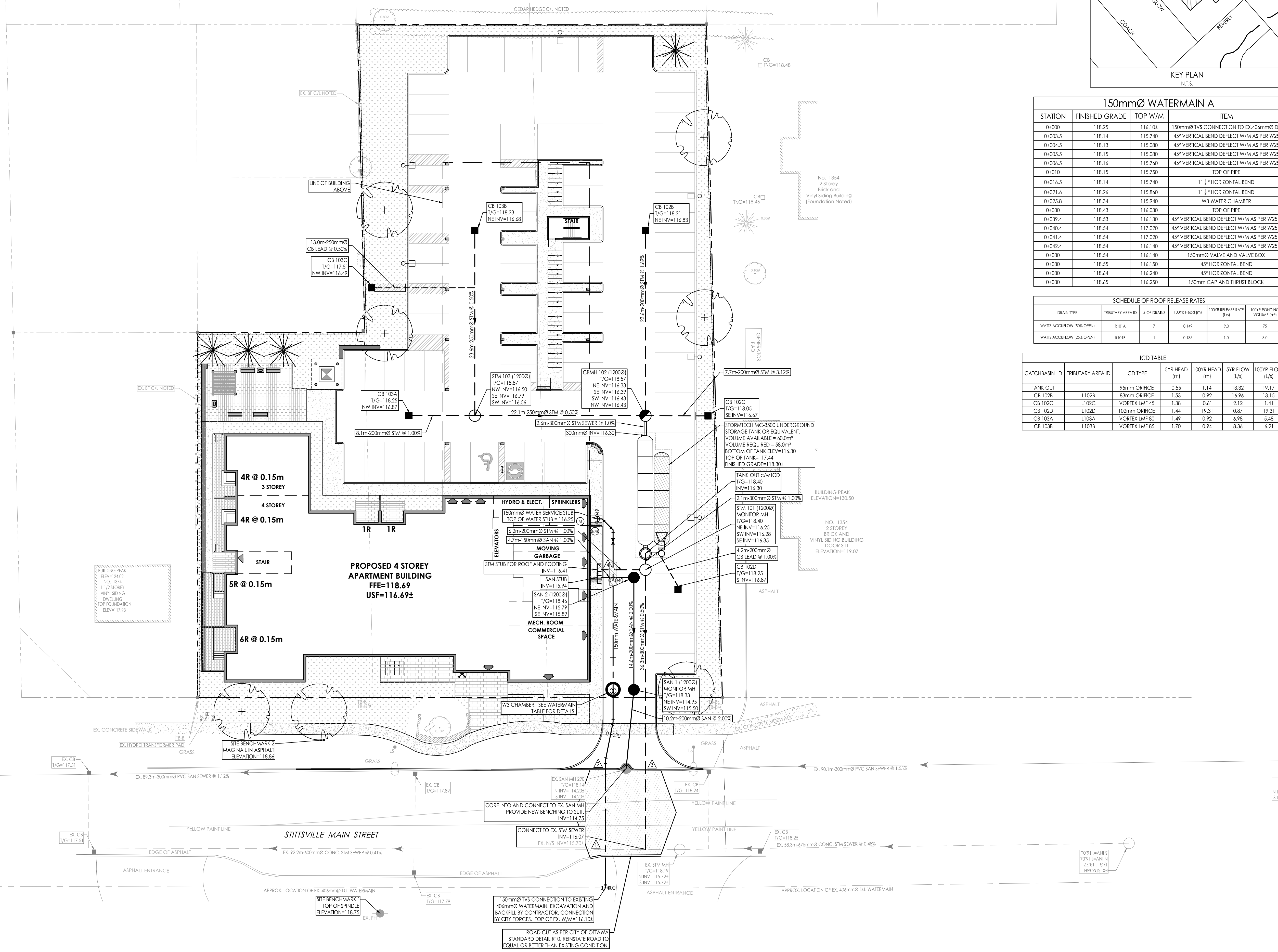
SEWER AND WATERMAIN CROSSING TABLE
CROSSING STM INV STM OBV SAN INV SAN OBV WTR TOP WTR BTM
115.68(115.58) 116.28(116.38) 114.17 114.47 115.08 114.93
116.12 116.42 114.24 114.54 115.74 115.59
114.39 115.59 115.92 116.07 117.24 117.09



150mmØ WATERMAIN A
STATION FINISHED GRADE TOP W/M ITEM
D#000 118.25 116.10 150mmØ TVS CONNECTION TO EX 406mmØ D.I.
D#003.5 118.14 115.740 45° VERTICAL BEND DEFLECT W/M AS PER W25
D#004.5 118.13 115.080 45° VERTICAL BEND DEFLECT W/M AS PER W25
D#005.5 118.15 115.080 45° VERTICAL BEND DEFLECT W/M AS PER W25
D#006.5 118.16 115.760 45° VERTICAL BEND DEFLECT W/M AS PER W25
D#010 118.15 115.750 TOP OF PIPE
D#016.5 118.14 115.740 11 1/2" HORIZONTAL BEND
D#021.6 118.26 115.860 11 1/2" HORIZONTAL BEND
D#025.8 118.34 115.940 W3 WATER CHAMBER
D#030 118.43 116.030 TOP OF PIPE
D#039.4 118.53 116.130 45° VERTICAL BEND DEFLECT W/M AS PER W25.2
D#040.4 118.54 117.020 45° VERTICAL BEND DEFLECT W/M AS PER W25.2
D#041.4 118.54 117.020 45° VERTICAL BEND DEFLECT W/M AS PER W25.2
D#042.4 118.54 116.140 45° VERTICAL BEND DEFLECT W/M AS PER W25.2
D#030 118.54 116.140 150mmØ VALVE AND VALVE BOX
D#030 118.55 116.150 45° HORIZONTAL BEND
D#030 118.64 116.240 45° HORIZONTAL BEND
D#030 118.65 116.250 150mm CAP AND THRUST BLOCK

SCHEDULE OF ROOF RELEASE RATES
DRAIN TYPE TRIBUTARY AREA # OF DRAINS 100YR HEAD (m) 100YR RELEASE RATE (L/S) 100YR PONDING VOLUME (m³)
WATTS ACC/FLOW (SIDE OPEN) R101A 7 0.14F 9.0 75
WATTS ACC/FLOW (SIDE OPEN) R101B 1 0.13B 1.0 3.0

ICD TABLE
CATCHBASIN ID TRIBUTARY AREA ID ICD TYPE 5YR HEAD 100YR HEAD 5YR FLOW 100YR FLOW
TANK OUTJ 95mm ORIFICE 0.55 1.14 13.32 19.17
CB 102B L102B 83mm ORIFICE 1.53 0.92 16.96 13.15
CB 102C L102C VORTEX LMF 45 1.38 0.81 2.12 1.41
CB 102D L102D 102mm ORIFICE 1.44 19.31 0.87 19.31
CB 103A L103A VORTEX LMF 80 1.49 0.92 6.98 5.48
CB 103B L103B VORTEX LMF 85 1.70 0.94 8.36 6.21



Revision table with columns for Date, Issued For, By, Appd., and Description.

Permit-Seal

Client/Project: BAYVIEW STITTSVILLE INC.
THE LANDING ON MAIN
1364-1370 STITTSVILLE MAIN STREET
STITTSVILLE, ON, CANADA

Title: SITE SERVICING PLAN

Project No. 160401727
Scale 1:250
Drawing No. Sheet 7 of 7
Revision 0