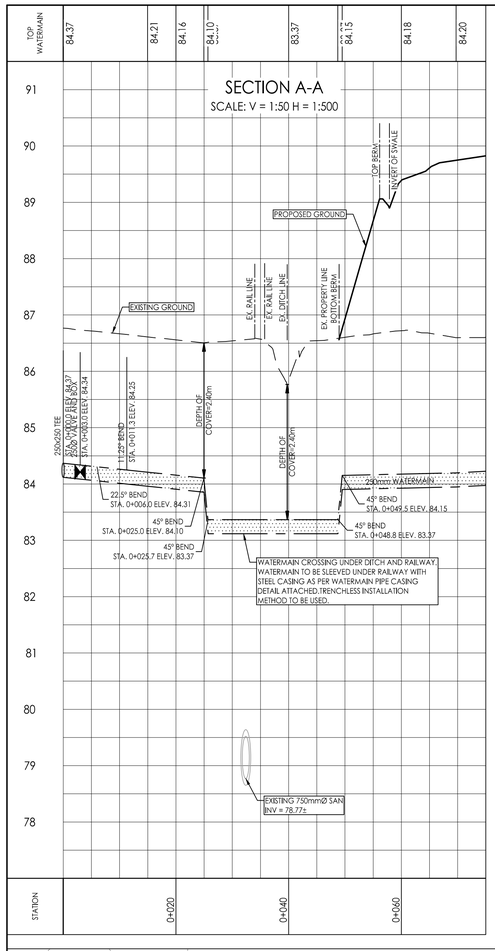
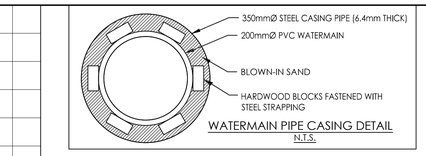
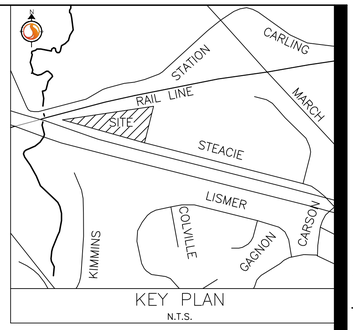


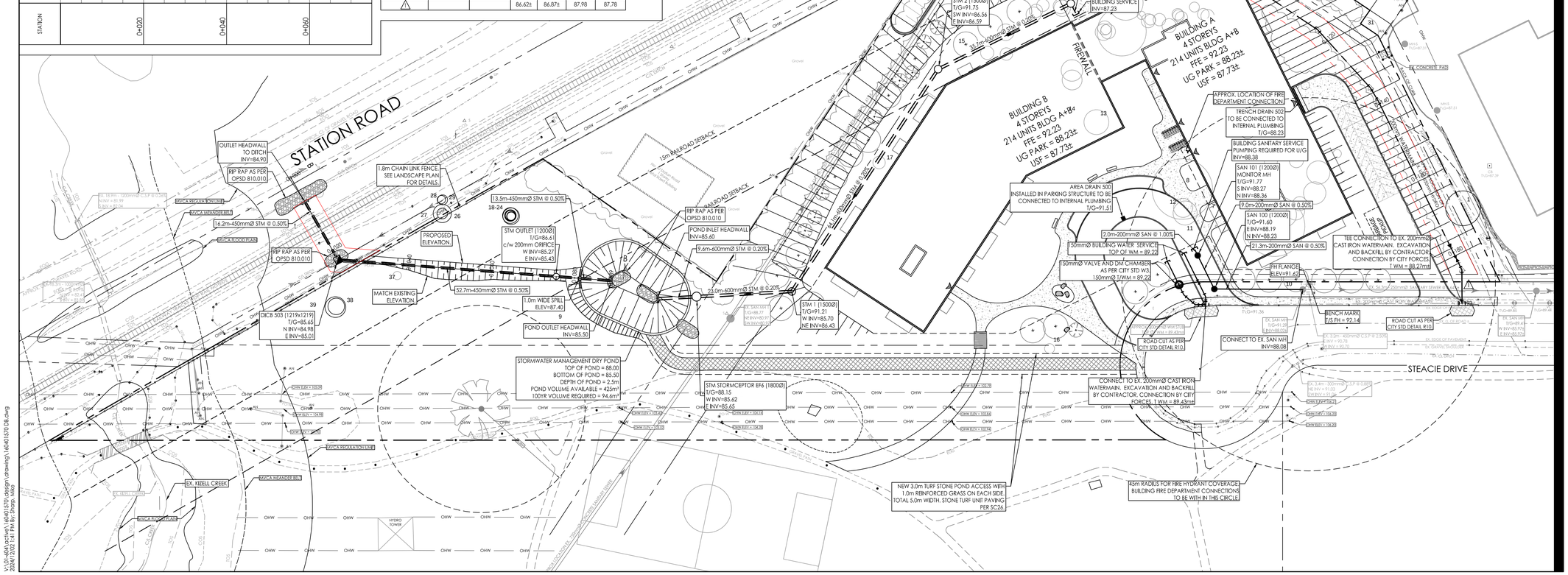


200mmØ WATERMAIN TABLE

STATION	FINISHED GRADE	TOP W/M	ITEM
0+000	86.77	84.37	250mm X 250mm TEE
0+003	86.73	84.34	250mmØ VALVE AND BOX
0+006	86.71	84.31	22.5° HORIZONTAL BEND
0+011.3	86.65	84.25	11.2° HORIZONTAL BEND
0+025	86.50	84.10	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+025.7	86.52	83.37	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+048.8	86.58	83.37	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+049.5	86.60	84.15	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+060	89.18	84.18	TOP OF PIPE
0+080	90.04	84.25	TOP OF PIPE
0+100	90.63	84.36	TOP OF PIPE
0+116.8	87.74	84.45	11.2° HORIZONTAL BEND
0+135.6	88.27	84.96	11.2° HORIZONTAL BEND
0+139.4	88.23	85.06	5° HORIZONTAL BEND
0+153.1	88.81	85.44	TOP OF PIPE
0+178.8	90.25	87.08	250mmØ TO 200mmØ REDUCER
0+181.8	90.19	87.24	200mmØ VALVE AND VALVE BOX
0+184.8	90.62	87.52	22.5° HORIZONTAL BEND
0+192.8	90.37	88.27±	200mmØ TEE CONNECTION TO EX. 200mmØ

SEWER AND WATERMAIN CROSSING TABLE						
CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM
1			86.62±	86.87±	87.98	87.78





Stantec

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Legend

- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED REDUCER
- PROPOSED FIRE HYDRANT
- PROPOSED VALVE AND DMA CHAMBER AS PER CITY STD W3
- WATER METER
- REMOTE WATER METER
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN
- EXISTING CULVERT
- EXISTING WATERMAIN
- EXISTING VALVE AND VALVE BOX
- EXISTING VALVE CHAMBER
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER
- 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.
- EX. TREE TO BE REMOVED
- EX. TREE TO BE RETAINED

Notes

SCHEDULE OF INLET CONTROL DEVICES				
AREA ID	STRUCTURE ID	ICD TYPE	100YR HEAD (m)	100YR FLOW (L/s)
POND 1	STM OUTLET	200mmØ ORIFICE	0.97	83.42

SCHEDULE OF ROOF RELEASE RATES				
BUILDING	DRAIN TYPE	# DRAINS	100YR Head (m)	100YR RELEASE RATE (L/s)
BUILDING	WATTS ACCUFLOW	16	0.15	21.65

1. FINAL METER AND REMOTE METER LOCATIONS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
2. THE LOCATION AND ELEVATION OF SEWERS, WATERMAIN AND UTILITIES IS APPROXIMATE ONLY AND THE EXACT LOCATION AND ELEVATIONS SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION AND ELEVATION OF SEWERS, WATERMAINS AND UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND THE IMPLEMENTATION OF ANY NECESSARY PROCEDURES CALLED FOR IN THE APPROPRIATE STANDARD AND REGULATIONS. ANY DISCREPANCY WITH THE INFORMATION SHOWN ON THESE PLANS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION.

Revision		By	Appd.	YY.MM.DD
5	REVISED AS PER SITE PLAN AND CITY COMMENTS	MJS	DT	24.12.02
4	REVISED AS PER SITE PLAN AND CITY COMMENTS	MJS	DT	24.04.08
3	REVISED WATERMAIN SIZE	MJS	DT	22.04.08
2	REVISED AS PER CITY COMMENTS	MJS	TR	21.05.07
1	ISSUED FOR REVIEW	MJS	TR	20.11.23

File Name: 160401570 DB	MJS	AMP	MJS	20.08.17
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
2024-12-03
PROVINCE OF ONTARIO

Client/Project
BRIGIL

100 STEACIE DRIVE

OTTAWA, ON

Title
SITE SERVICING PLAN

Project No. 160401570

Scale 1:500 (0 5 15 25m)

Drawing No. SSP-1

Sheet 3 of 10

Revision 5

PLAN# 18327

D02-02-02-0094

ORIGINAL SHEET - ARCH D

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2024/12/02 1:41 PM By: Stacey, Mike