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Legend

- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED REDUCER
- PROPOSED FIRE HYDRANT
- PROPOSED WATER METER
- PROPOSED REMOTE WATER METER
- PROPOSED PRESSURE REDUCING VALVE
- PROPOSED THRUST BLOCK LOCATIONS
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED WAITS AREA DRAIN FD-S30 (OR EQUIVALENT) REFER TO MECHANICAL PLANS FOR DETAILS.
- PROPOSED SUBDRAIN 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
- EXISTING SUBDRAIN CATCHBASIN
- 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.
- PROPOSED SITE LIGHTING

Notes

1. PROPOSED BUILDINGS TO BE EQUIPPED WITH BACKWATER VALVES
2. PROPOSED TRENCH DRAINS TO BE DESIGNED TO CAPTURE 100 YEAR PEAK FLOWS.
3. STORM MAINTENANCE HOLES LOCATED IN PONDING AREAS SHALL HAVE WATER TIGHT FRAME AND COVERS AS PER CITY STANDARD S24.1 AND S25.
4. MECHANICAL CONSULTANT TO PROVIDED PRESSURE REDUCING VALVE FOR LOWER LEVELS AND BOOSTER PUMP FOR UPPER LEVELS.
5. FOR DETAILS ON THE SUNKEN PATIO AND DRAINAGE REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS.

Revision	By	Appd.	YY.MM.DD
2	MJS	AMP	21.09.20
1	MJS	AMP	21.03.24
0	MJS	AMP	19.12.13

File Name: 160401331 DB2.dwg

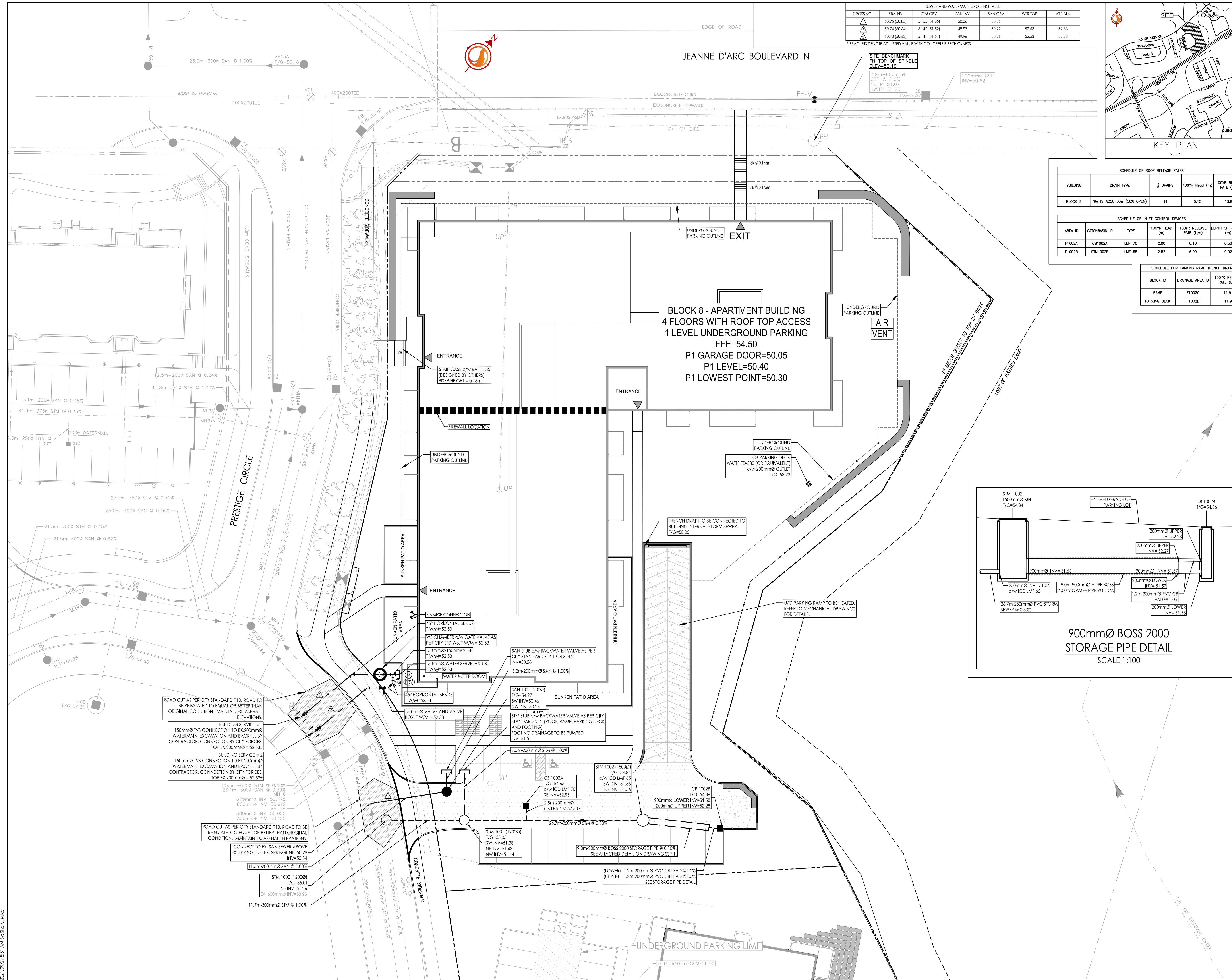
Permit Seal



Client/Project
BRIGIL
PETRIE'S LANDING II
BLOCK 8
180 Prestige Circle
OTTAWA, ON, CANADA

Title
SITE SERVICING PLAN

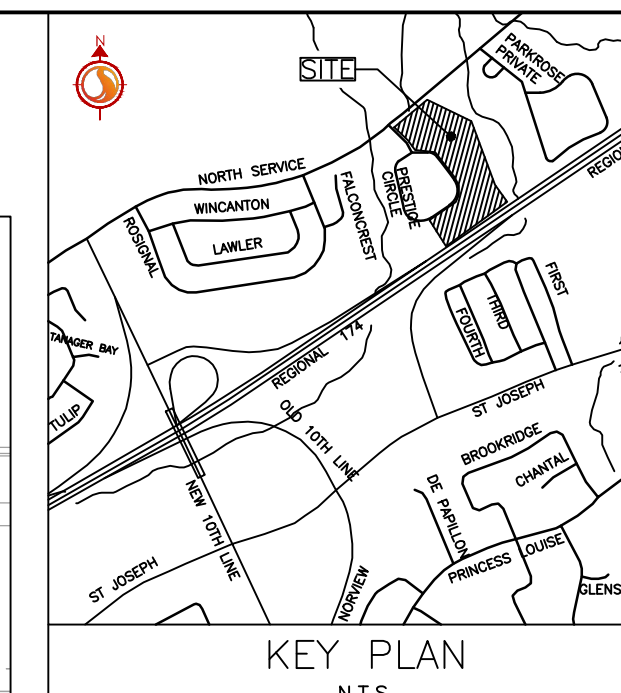
Project No.	Scale	Sheet	Revision
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SEWER AND WATERMAIN CROSSING TABLE

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR STM
▲	50.95 (50.85)	51.55 (51.45)	50.38	50.58		52.38
▲	50.74 (50.64)	51.42 (51.32)	49.97	50.27	52.53	52.38
▲	50.73 (50.63)	51.41 (51.31)	49.96	50.26	52.53	52.38

* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS



SCHEDULE OF ROOF RELEASE RATES

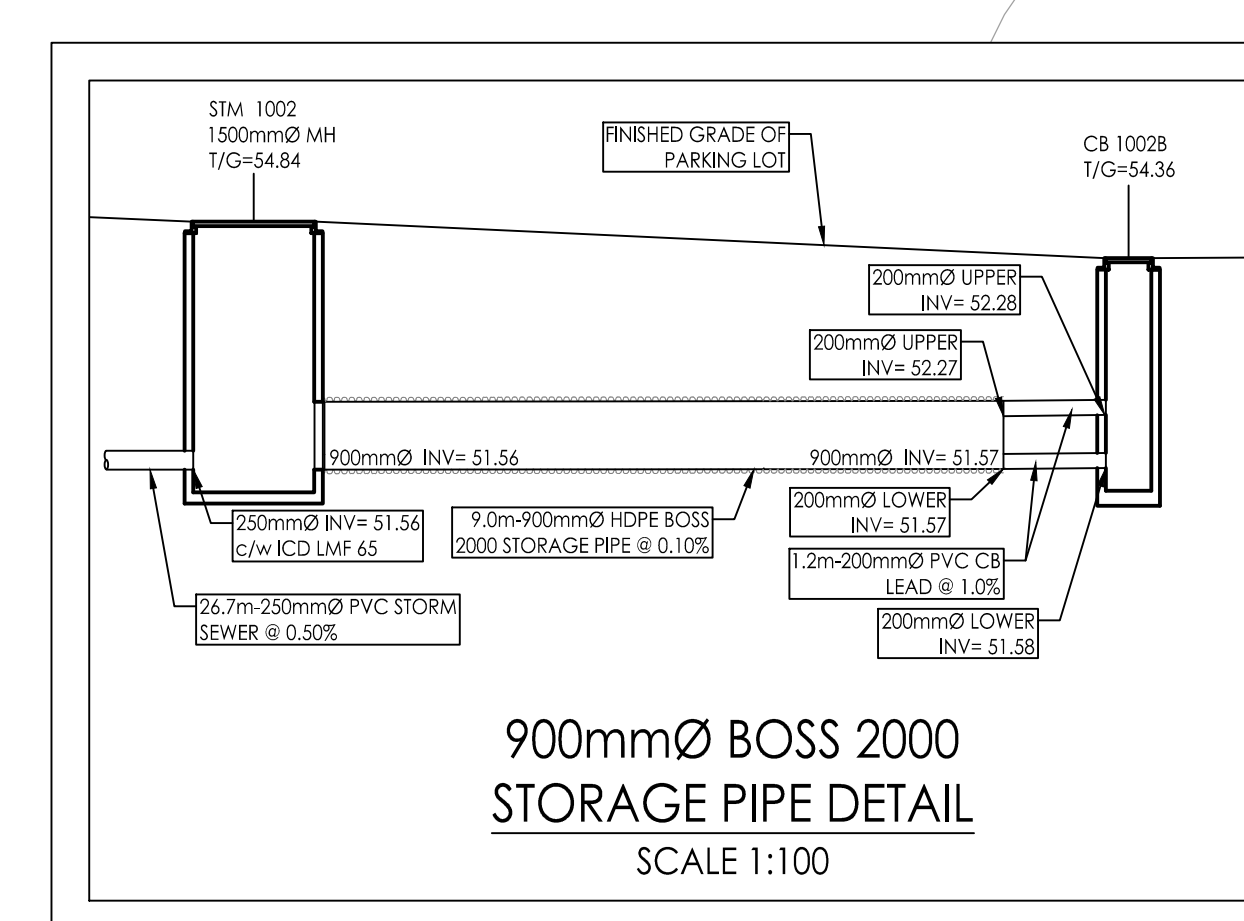
BUILDING	DRAIN TYPE	# DRAINS	100YR Head (m)	100YR RELEASE RATE (L/s)
BLOCK 8	WATTS ACCUFLOW (50% OPEN)	11	0.15	13.80

SCHEDULE OF INLET CONTROL DEVICES

AREA ID	CATCHBASIN ID	TYPE	100YR HEAD (m)	100YR RELEASE RATE (L/s)	DEPTH OF PONDING (m)
F1002A	CB1002A	LMF 70	2.50	6.10	0.30
F1002B	STM1002B	LMF 65	2.82	6.09	0.02

SCHEDULE FOR PARKING RAMP TRENCH DRAINS

RAMP	F1002C	11.91
PARKING DECK	F1002D	11.9



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