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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 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

- PROPOSED BUILDINGS TO BE EQUIPPED WITH BACKWATER VALVES
- PROPOSED TRENCH DRAINS TO BE DESIGNED TO CAPTURE 100 YEAR PEAK FLOWS.
- STORM MAINTENANCE HOLES LOCATED IN PONDING AREAS SHALL HAVE WATER TIGHT FRAME AND COVERS AS PER CITY STANDARD S24.1 AND S25.
- MECHANICAL CONSULTANT TO PROVIDED PRESSURE REDUCING VALVE FOR LOWER LEVELS AND BOOSTER PUMP FOR UPPER LEVELS.
- FOR DETAILS ON THE SUNKEN PATIO AND DRAINAGE REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS.
- STORAGE PIPE VOLUME = 12.72m<sup>3</sup>

4	REVISED AS PER CITY COMMENTS	MJS	AMP	22.02.16
3	ISSUED FOR TENDER	MJS	KH	21.10.01
2	REVISED AS PER CITY COMMENTS	MJS	TR	21.09.20
1	REVISED AS PER NEW SITE PLAN AND CITY COMMENTS	MJS	AMP	21.03.24
0	ISSUED FOR SPA	MJS	AMP	19.12.13

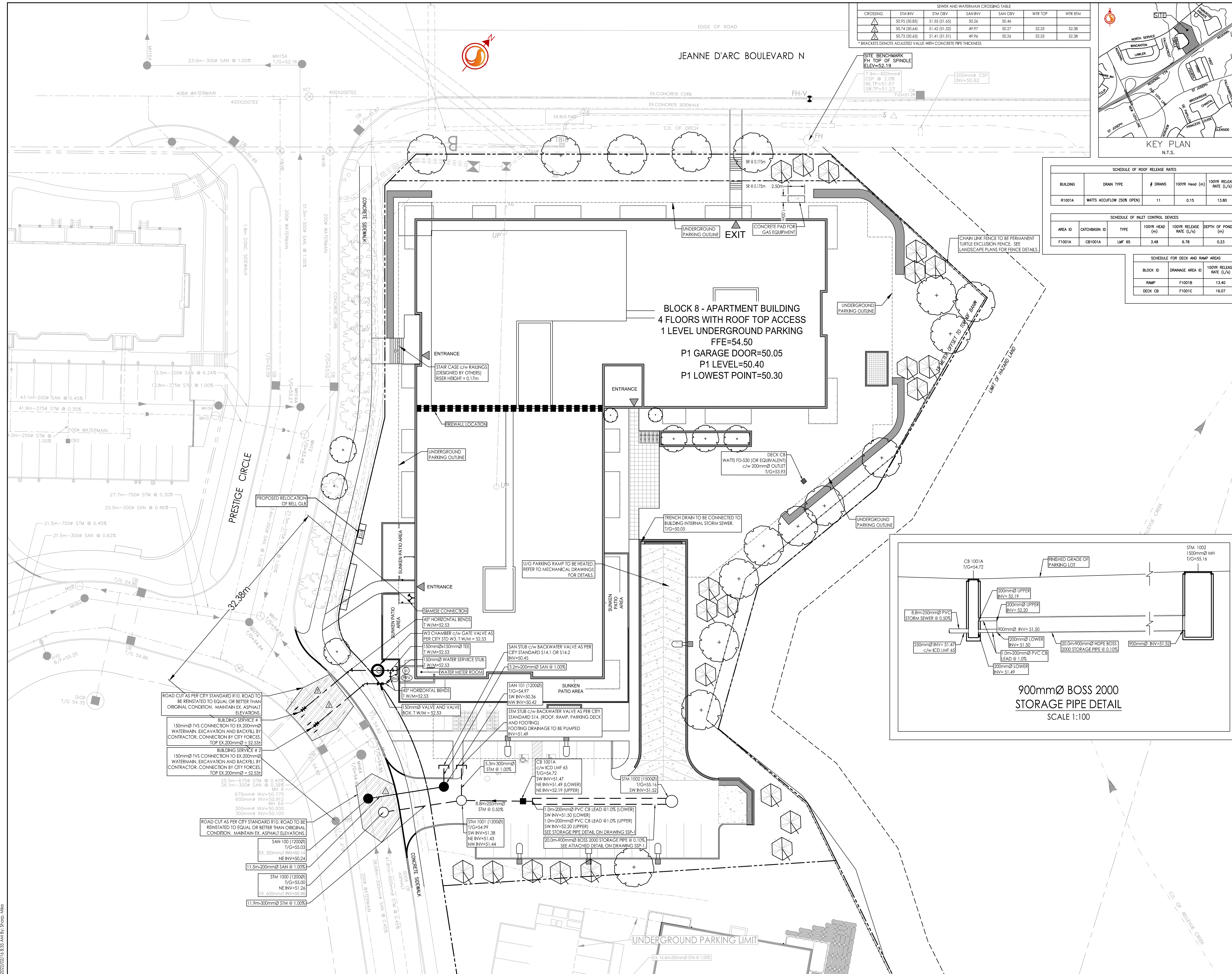
Revision		By	Appd.	YY.MM.DD
File Name:	160401331_D82.dwg	MJS	AMP	MJS
		Dwn.	Chkd.	Dgn.
				YY.MM.DD

Permit-Seal

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

Title  
**SITE SERVICING PLAN**

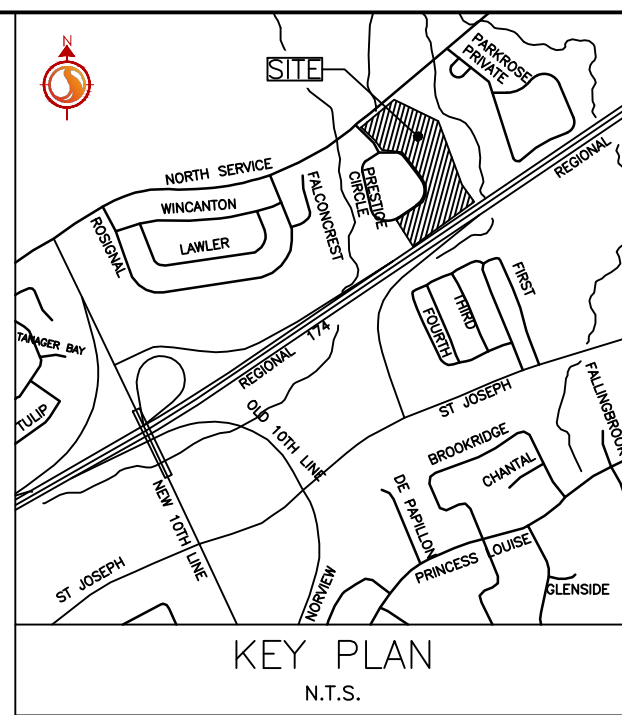
Project No.	Scale	0	2.5	7.5	12.5m
160401331	1:250				
Drawing No.	Sheet	Revision			



SEWER AND WATERMAIN CROSSING TABLE

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WIR TOP	WIR BIM
▲	50.95 (50.85)	51.55 (51.45)	50.26	50.46	50.26	50.38
▲	50.74 (50.64)	51.42 (51.32)	49.97	50.27	50.28	50.38
▲	50.73 (50.63)	51.41 (51.31)	49.96	50.26	50.28	50.38

\* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS



SCHEDULE OF ROOF RELEASE RATES

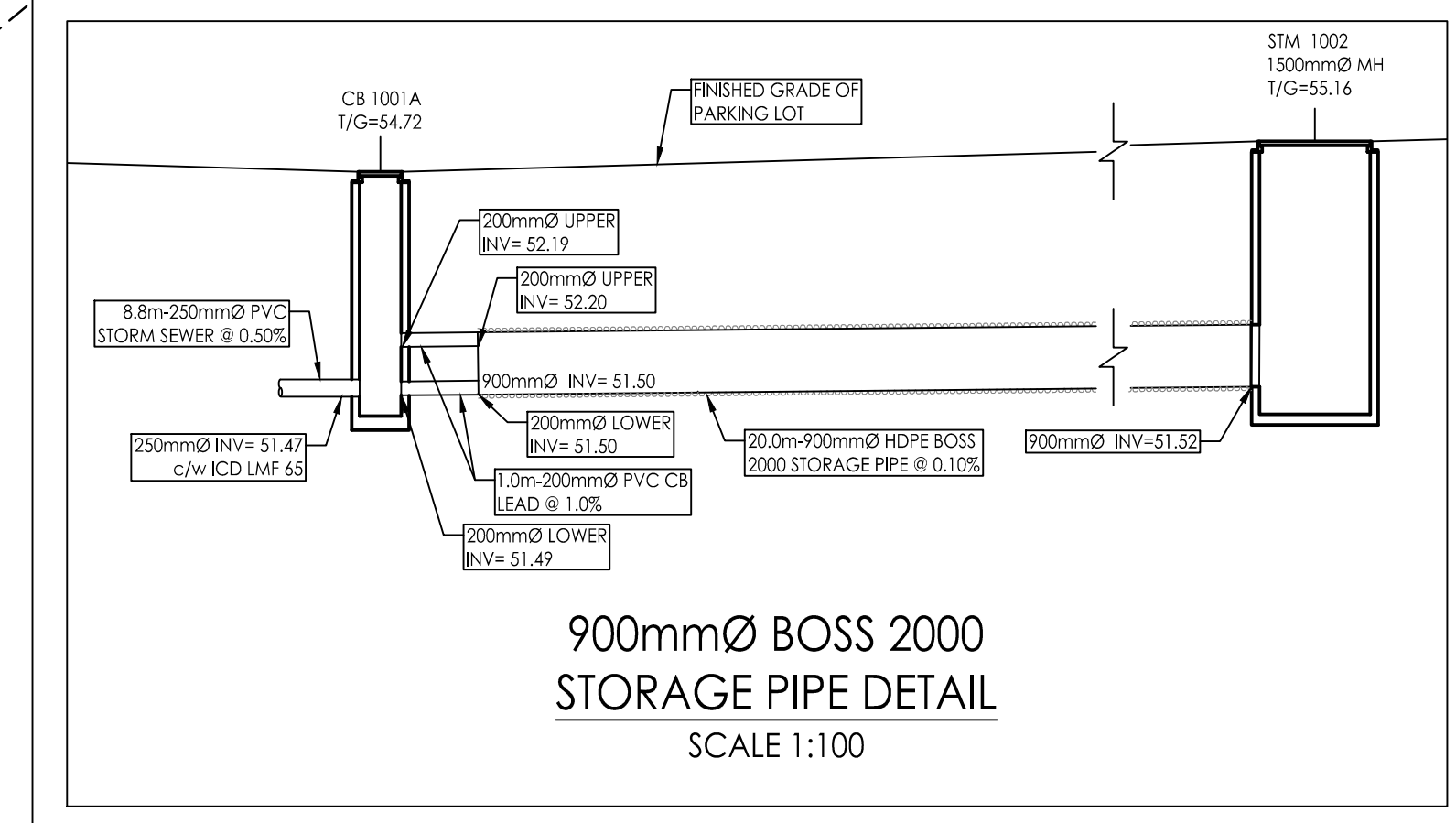
BUILDING	DRAIN TYPE	# DRAINS	100YR Head (m)	100YR RELEASE RATE (L/s)
R1001A	WATTS ACCUFLOW (50% OPEN)	11	0.15	13.80

SCHEDULE OF INLET CONTROL DEVICES

AREA ID	CATCHBASIN ID	TYPE	100YR HEAD (m)	100YR RELEASE RATE (L/s)	DEPTH OF PONDING (m)
F1001A	CB1001A	LMF 65	3.48	6.78	0.23

SCHEDULE FOR DECK AND RAMP AREAS

BLOCK ID	DRAINAGE AREA ID	100YR RELEASE RATE (L/s)
RAMP	F1001B	13.40
DECK CB	F1001C	16.07



V:\1\04\160401331\160401331\_Petrie's Landing Block 8.dwg (drawing) Block 8\160401331\_D82.dwg  
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