

LOCATION CONNECTION	STATION	FINISHED GRADE	TOP OF PIPE	DEPTH (m)
WW	+0+000	61.83	59.43	2.40
WW	+0+070.71	61.60	59.20	2.40
TTEE	+0+025.67	61.74	58.46	3.28
WW	+0+025.80	61.73	58.46	3.27
BLDG	+0+029.12	61.74	58.46	3.28
WW	+0+025.81	61.75	58.46	3.29
BLDG	+0+027.34	61.77	58.46	3.28

CROSSING TABLE		
CROSSING #	INV./TOP	INV./TOP
1	WTR INV 58.94	Ex. COMB. TOP 58.07
2	SAN INV 59.06	WTR TOP
3	STM INV 59.54	WTR TOP 58.46
4	STM INB 59.58	SAN TOP 59.28

CROSSING TABLE		
CROSSING #	INV./TOP	INV./TOP
1	WTR INV 58.94	Ex. COMB. TOP 58.07
2	SAN INV 59.06	WTR TOP
3	STM INV 59.54	WTR TOP 58.46
4	STM INB 59.58	SAN TOP 59.28

SEWER NOTES

1. CONSTRUCT ALL SEWER AND APPURTENANCES TO ONTARIO PROVINCIAL STANDARD SPECIFICATIONS AND DRAWINGS, AS WELL AS THE CITY OR TOWNSHIP STANDARDS AS INDICATED.
2. SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE.
3. BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR "A", COMPACTED TO MINIMUM 95% STANDARD PROCTOR DRY DENSITY. CLEAR STONE BEDDING SHALL NOT BE PERMITTED.
4. SUB-BEDDING, IF REQUIRED SHALL BE AS PER THE DIRECTION OF A GEOTECHNICAL ENGINEER.
5. BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR "A" OR SAND.
6. TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL (FROM PAVEMENT SUBGRADE TO 2.0m BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL CONDITIONS.
7. SEWERS AND CONNECTIONS 150mm DIAMETER AND SMALLER TO BE PVC SR 28 OR APPROVED EQUIVALENT. SEWERS AND CONNECTIONS LARGER THAN 200mm DIAMETER AND LESS THAN 450mm DIAMETER TO BE PVC SR 35 OR APPROVED EQUIVALENT. SEWERS AND CONNECTIONS 450mm DIAMETER AND LARGER TO BE COMPOSITE CL 65-B OR EQUIVED EQUIVALENT.
8. INSULATE ALL STORM AND SANITARY SEWERS/SEWER, OTHER THAN CATCH BASIN LEADS THAT HAVE LESS THAN 1.5m OF COVER WITH THERMAL INSULATION.
9. SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO WITHIN 1M OF BUILDING. ALL ENDS OF SERVICES TO BE PROPERLY CAPPED AND LOCATED WITH 2"x4"x8" LONG MARKER.
10. CONTRACTOR TO TELEVIEW (CTV) ALL PROPOSED SEWERS ONSITE, OUTLET CONNECTION TO THE MAIN AND PIPES 150mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT, UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
11. DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO THE SANITARY SEWER MAIN.
12. ALL CATCHBASIN AND CATCHBASIN MANHOLE LEADS ARE TO BE MINIMUM 200mmØ, CITY MINIMUM 1.0% SLOPE UNLESS OTHERWISE NOTED. ALL CATCHBASINS EXCLUDING LANDSCAPE CATCHBASINS TO HAVE 150 mmØ PERFORATED PIPE FOR 3.0m ON ALL AVAILABLE SITES AS PER CITY OF OTTAWA STANDARD DRAWING R1.
13. ALL SAN AND STM BUILDING CONNECTIONS TO BE EQUIPPED WITH BACKWATER VALVES AS PER CITY STANDARD DRAWINGS S14 AND S14.1.

WATERMAIN NOTES

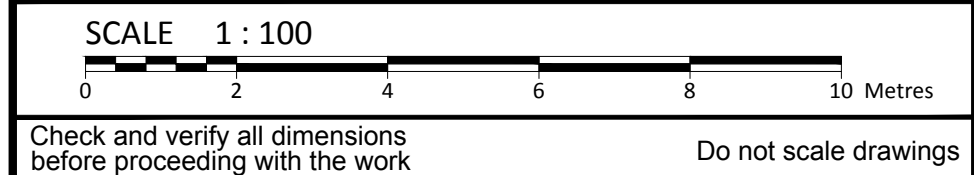
1. CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS AS WELL AS CITY OR TOWNSHIP STANDARDS AS INDICATED.
2. WATERMAINS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m. OTHERWISE THERMAL INSULATION IS REQUIRED AS PER CITY OF OTTAWA STANDARD DRAWING "W22".
3. IF THE WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS EQUAL TO OR LESS THAN THAT WHICH IS RECOMMENDED BY THE MANUFACTURER.
4. USE APPROVED SADDLE CONNECTION WITH MAIN (CORPORATION) STOP AS PER CITY OF OTTAWA STANDARD DRAWING "W26".
5. CONNECTION TO EXISTING BY CITY OR TOWNSHIP FORCES. EXCAVATION, BACKFILLING AND REINSTATEMENT IS TO BE COMPLETED BY THE CONTRACTOR.
6. THERMAL INSULATION OF WATERMAINS AT OPEN STRUCTURES AS PER CITY OF OTTAWA STANDARD DRAWING "W22".

LOCATION PLAN

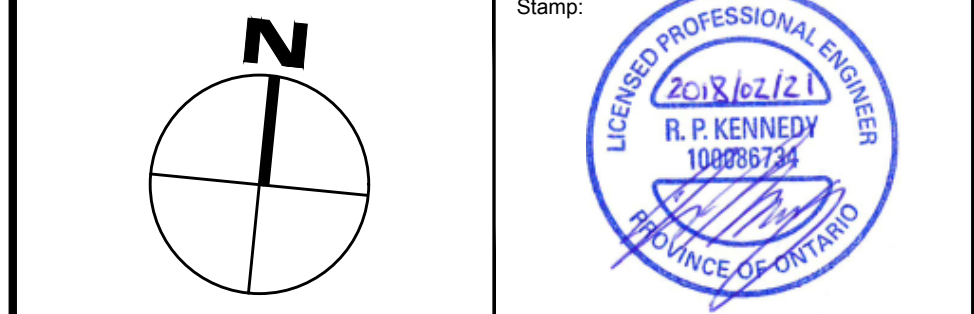
LEGEND

	BARRIER CURB
	CURB DEPRESSION
	PROPOSED NEW ASPHALT
	ASPHALT RAMP AND/OR WALKWAY
	CONCRETE RAMP AND/OR WALKWAY
	SEWER CENTERLINE
	TERRACING AT 3:1 SLOPE UNLESS SPECIFIED
	STORM MANHOLE
	CATCH BASIN MANHOLE
	CATCH BASIN OR DITCH INLET
	LANDSCAPE CATCH BASIN
	PERFORATED SUBDRAIN
	SANITARY MANHOLE
	WATER VALVE
	TYPICAL GRADE
	BOTTOM OF WALL GRADE
	SEWER GRADE
	TOP OF GRATE GRADE
	EXISTING GRADE (NOT SHOWN ON SURVEY)
	OVERLAND FLOW ROUTE
	100yr PONDING
	5yr PONDING
	2yr PONDING
	GRADE MARKER

01	ISSUED FOR REVIEW	FEB 21/2018
No.	Revision/Issue	Date



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Client:
ATELIER 292 ARCHITECT INC.
292 MAIN STREET, OTTAWA, ON K1S 1E1

Project:

208-214 PRINCE ALBERT STREET

ADDITION TO APARTMENT BUILDINGS

OTTAWA	ONTARIO
Drawing Title:	

SITE SERVICING PLAN

Scale:	1:100	Project Number:	CP-17-0395
Drawn by:	L.A.L		
Checked By:	R.P.K	Drawing Number:	C102
Designed By:	L.A.L		
		SHEET 2 of 2	