SANMH 301
T/G=65.09
INV.SW=62.95
EX.INV=±62.76

SANITARY CROSSING OVER WATERMAIN
CONTRACTOR TO ADJUST THE EXISTING WATERMAIN AS PER CITY OF OTTAWA STD W25 TO MAINTAIN MINIMUM 0.5m BARREL CLEARANCE
PROP. SANITARY INVERT= 62.96
PROP. TOP OF WATERMAIN= 62.46
PROP. CLEARANCE= 0.5M

SANITARY CROSSING OVER STORM
STORM INV= ±63.54
PROPOSED SANITARY OBVERT= 63.17
PROPOSED BARREL CLEARANCE= 0.37m

CONTRACTOR TO HYDROVAC AND CONFIRM LOCATION OF EXISTING 150mmø WATERMAIN

150mm x 50mm TEE

PROPOSED ±19.50m–50mmø WATER SERVICE CONNECTION TO 150mmø WATERMAIN ON ST PIERRE

150mm x 150mm TEE AND LATERAL FOR PROPOSED FIRE HYDRANT

WATERMAIN CROSSING UNDER STORM

CONTRACTOR TO HYDROVAC AND CONFIRM LOCATION AND ELEVATION OF EXISTING STORM SEWER. MINIMUM FROST COVER FOR WATERMAIN IS 2.4m. WATERMAIN INSTALLATION AT SEWER CROSSING SHALL BE AS PER CITY OF OTTAWA STD W25.

SITE BENCHMARK
SPIKE IN UTILITY POLE
ELEV.=65.84

8.77m–200mmø SAN @0.50%

SANMH 300
T/G=65.25
INV.SW=63.02
INV.NE=62.99

4.01m–200mmø SAN @2.00%

63.10 NE

4.01m–200mmø SDR 28 PUMPED SAN @2.00% CAPPED 1m FROM BLDG.

SANITARY PUMP IS FOR BELOW GRADE UNITS ONLY. ALL ABOVE GRADE UNITS TO DRAIN BY GAVITY. SEE MECHANICAL.

50mmø COPPER TYPE K WATER SERVICE
TOP OF WM=63.06

RIP–RAP

2.12m–100mmø STM @1.00%
FROM ROOF DRAINS DISCHARGE PIPE.
SEE MECHANICAL.

65.29 SP
65.27 NW
65.29 SP

PROVIDE STAINLESS STEEL RODENT COVERS FOR ROOF AND FDN DISCHARGE PIPES.

2.12m–100mmø STM @1.00%
FDN AND UNDERSLAB DRAIN PUMPED FROM SUMP PIT.
SEE MECHANICAL.

ROOF DRAIN

EMERGENCY OVERFLOW SCUPPERS TO BE SET 150mm ABOVE ROOF DRAINS.

ROOF DRAIN

PROPOSED 4 STOREY APARTMENT BUILDING

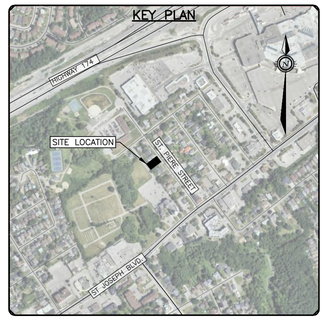
TOF: 65.88
FFE (ENTRANCE): 65.46
FFE (BASEMENT): 63.78
USF (BASEMENT): 63.18
FFE (MECH): 62.21
USF (MECH): 61.61

USF ELEVATIONS ARE APPROXIMATE. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION AND FOOTINGS INFORMATION.

ST PIERRE ST.

Edge of Asphalt
250mm Sanitary Sewer
MH–S
T/G=65.19
INV.=62.80 (GeoOttawa)
INV.=62.88 (J.L. Richards, April 1972)
250mm Sanitary Sewer (0.4%)
Approximate Crown of Road
Purported Location of Storm Sewer per City of Ottawa UCC Sheets (No Inverts Provided)
152mm Watermain
300mm Storm Sewer
50mm Gas
Asphalt Driveway
Gravel Driveway
Concrete Steps & Landing
Door Sill Elev.=66.92
Top of Foundation Elev.=66.57
No.1138 1 Storey Metal Sided Dwelling (Foundation Noted)
No.1116 1 Storey Brick & Vinyl Sided Dwelling (Foundation Noted)
Covered Concrete Porch
Door Sill Elev.=66.46
Cedar Hedge (C/L Noted)
Vinyl Sided Garage (Siding Noted)
Eaves
Meas. (63.55 P2)
Accepted North/South
Asphalt Laneway

KEY PLAN



LEGEND

- PROPERTY LINE
- EXISTING ℄ OF ROAD
- EXISTING EDGE OF GRAVEL
- EXISTING EDGE OF PAVEMENT
- EXISTING TREE
- X — EXISTING FENCE
- UP — EXISTING UTILITY POLE
- MH–S — EXISTING SANITARY MANHOLE
- S — EXISTING SANITARY
- ST — EXISTING SANITARY STORM
- GAS — EXISTING GAS
- W — EXISTING WATERMAIN
- PROP. ACCESSIBLE ENTRANCE
- TOP OF SLOPE (MAX 3:1)
- TOP OF SLOPE
- SWALE
- PROP. SANITARY MANHOLE
- PROP. STORM
- PROP. SANITARY
- W — PROPOSED WATERMAIN
- PROP. VALVE AND VALVEBOX
- PROP. FIRE HYDRANT
- RIGID INSULATION AS PER CITY OF OTTAWA STD S35
- × 93.01 — EXISTING ELEVATION
- PROP. OPSD 3120.100 TOE WALL
- CONCRETE BARRIER CURB
- ASPHALT PAVEMENT
- CONCRETE
- INTERLOCK
- GRASS

PROPOSED SEWER TABLE

STRUCTURE U/S	STRUCTURE D/S	TYPE	INVERT ELEV (m) U/S	INVERT ELEV (m) D/S	NOMINAL DIA. (mm)	LENGTH (m)	Type	Class	Calculated Slope (%)
BUILDING	ON-SITE DITCH	STORM	65.29	65.27	100	2.10	HDPE	BOSS 2000	1.0%
BUILDING	ON-SITE DITCH	STORM	65.29	65.27	100	2.10	PVC	DR18	1.0%
BUILDING	SANMH-300	Sanitary	63.100	63.020	200	3.97	PVC	SDR28	2.0%
SANMH-300	SANMH-301	Sanitary	62.990	62.950	200	8.59	PVC	SDR35	0.5%

CAUTION
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

REV	REVISION DESCRIPTION	DATE	BY	APPD
3	RE–ISSUED FOR SPA	29/05/25	AGJ	AJ
2	RE–ISSUED FOR SPA	11/10/24	AGJ	AJ
1	SPA	06/08/24	AGJ	AJ

SCALE: 0 1m 2m 4m — HORIZONTAL 1:100
NORTH
DESIGNED BY
REVIEWED BY

LICENSED PROFESSIONAL ENGINEER — A. K. JARIWALA — 100562090 — 2025/05/30 — PROVINCE OF ONTARIO

CLIENT
PulseSocieties Ltd.
135 LAURIER AVE W, SUITE 100
OTTAWA, ON. K1P 5J2
613.612.3288

exp Services Inc.
t: +1.613.688.1899 | f: +1.613.225.7330
2650 Queensview Drive, Unit 100
Ottawa, ON K2B 8H6
Canada
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APPROVED AA

PROJECT
1132 ST. PIERRE
OTTAWA, ONTARIO. K1C 1L5

TITLE
SITE SERVICING PLAN

PROJECT No. OTT–24006873–A0
SURVEY AOV
DATE 31/07/24
DRAWING No. C100

DO7-12-24-0080

#19277

Filename: \\exp\ottdfs\ott\ott-24006873-a0\60 execution\AS drawings\ott-24006873-a0 - plans - civil.dwg
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