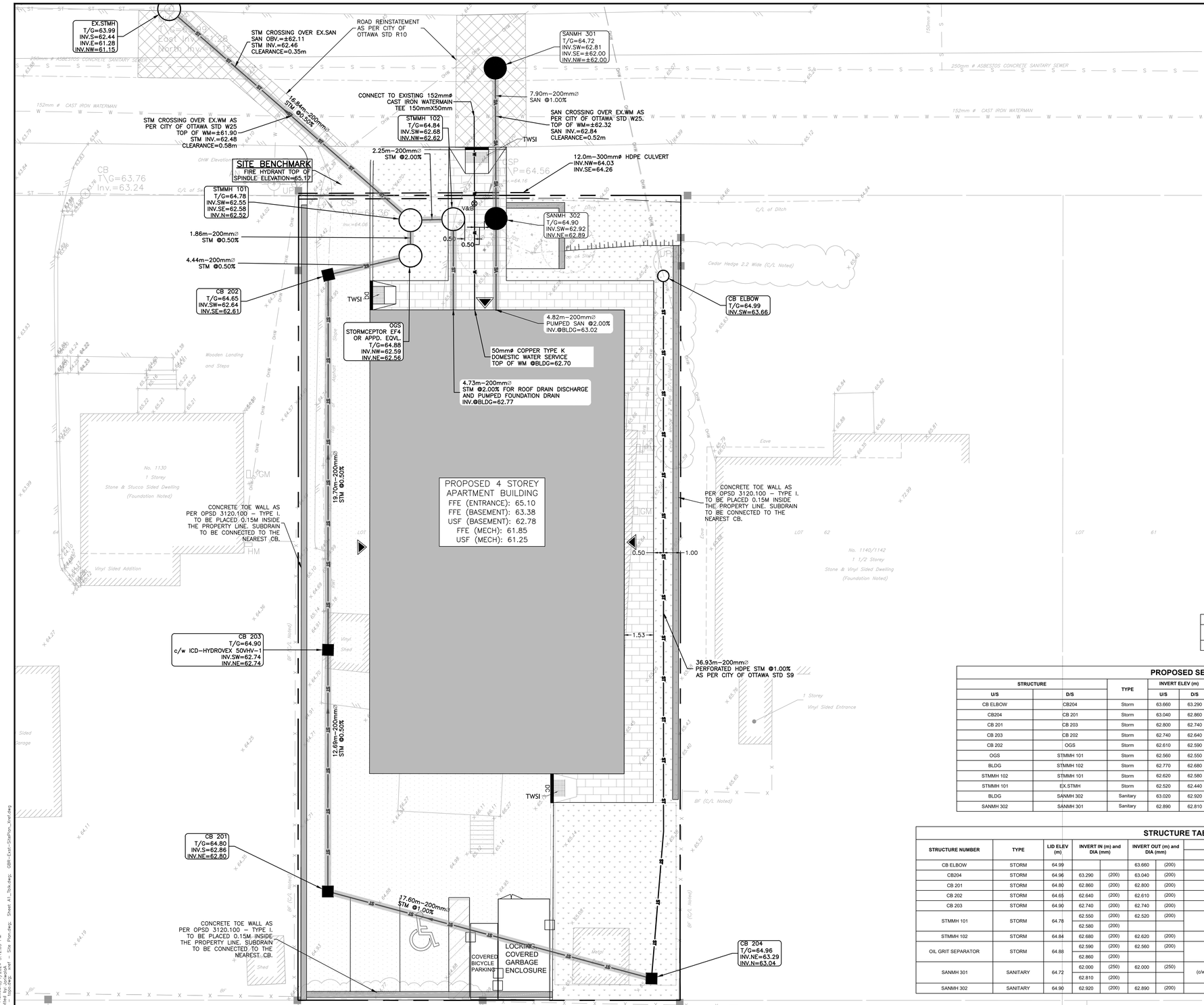

KEY PLAN

LEGEND

- PROPOSED ASPHALT AREA
- PROPOSED CONCRETE PAD
- PROPOSED BRICK INTERLOCK
- PROPOSED GRASS AREA
- PROPERTY LINE
- EXISTING SANITARY SEWER — SA — SA
- EXISTING STORM SEWER — ST — ST
- EXISTING WATERMAIN — W — W
- EXISTING FENCE — X — X
- EXISTING TREE AND SHRUB
- EXISTING RETAINING WALL — RWT
- EXISTING OVERHEAD WIRE — OH — OH
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCHBASIN
- PROPOSED TERRACING
- PROPOSED TWSI
- PROPOSED RETAINING WALL/CURB — 64.5 TW/TC
- PROPOSED WATER SERIVICES — W — W
- PROPOSED STORM SEWER — ST — ST
- PROPOSED SANITARY SEWER — SA — SA
- PROPOSED BUILDING ENTRANCE
- PROPOSED CULVERT
- RIGID INSULATION AS PER CITY OF OTTAWA STD. S35

ICD SUMMARY TABLE

Control Location	Post-Dev Area No.	Max Flow (L/sec)	Max Head (m)	Type	Model
CB 203	S03, S04, S05	6.00	2.11	Hydrovex	50-VHV-1

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 (%)
CB ELBOW	CB204	Storm	63.660	63.290	200	36.93	HDPE	BOSS 2000	1.0%
CB204	CB 201	Storm	63.040	62.860	200	17.60	PVC	SDR35	1.0%
CB 201	CB 203	Storm	62.800	62.740	200	12.69	PVC	SDR35	0.5%
CB 203	CB 202	Storm	62.740	62.640	200	19.70	PVC	SDR35	0.5%
CB 202	OGS	Storm	62.610	62.590	200	4.44	PVC	SDR35	0.5%
OGS	STMMH 101	Storm	62.560	62.550	200	1.86	PVC	SDR35	0.5%
BLDG	STMMH 102	Storm	62.770	62.680	200	4.73	PVC	SDR26	1.9%
STMMH 102	STMMH 101	Storm	62.620	62.580	200	2.25	PVC	SDR35	1.8%
STMMH 101	EX.STMH	Storm	62.520	62.440	200	16.84	PVC	SDR35	0.5%
BLDG	SANMH 302	Sanitary	63.020	62.920	200	4.82	PVC	SDR26	2.1%
SANMH 302	SANMH 301	Sanitary	62.890	62.810	200	7.90	PVC	SDR35	1.0%

STRUCTURE TABLE

STRUCTURE NUMBER	TYPE	LID ELEV (m)	INVERT IN (m) and DIA (mm)		INVERT OUT (m) and DIA (mm)		STRUCTURE SIZE	STRUCTURE REFERENCE	STRUCTURE FRAME	STRUCTURE COVER
CB ELBOW	STORM	64.99			63.660	(200)	300	Ottawa S31	Ottawa S31	Ottawa S31
CB204	STORM	64.96	63.290	(200)	63.040	(200)	600X600	OPSD 705.010	Ottawa S19	Ottawa S19
CB 201	STORM	64.80	62.860	(200)	62.800	(200)	600X600	OPSD 705.010	Ottawa S19	Ottawa S19
CB 202	STORM	64.65	62.640	(200)	62.610	(200)	600X600	OPSD 705.010	Ottawa S19	Ottawa S19
CB 203	STORM	64.90	62.740	(200)	62.740	(200)	600X600	OPSD 705.010	Ottawa S19	Ottawa S19
STMMH 101	STORM	64.78	62.550	(200)	62.520	(200)	1200 DIA	OPSD 701.010 (sump)	Ottawa S25	Ottawa S24.1
			62.580	(200)						
STMMH 102	STORM	64.84	62.680	(200)	62.620	(200)	1200 DIA	OPSD 701.010 (sump)	Ottawa S25	Ottawa S24.1
OIL GRIT SEPARATOR	STORM	64.88	62.590	(200)	62.560	(200)	1800 DIA	As Per Manufacturer's Instructions (Stormceptor EF6 or Appd. Equ.)		
			62.860	(200)						
SANMH 301	SANITARY	64.72	62.000	(250)	62.000	(250)	1200 DIA (c/w INTERNAL DROP STRUCTURE)	OPSD 701.010 (benched) OPSD 1003.031 (drop structure)	Ottawa S25	Ottawa S24
			62.810	(200)						
SANMH 302	SANITARY	64.90	62.920	(200)	62.890	(200)	1200 DIA	OPSD 701.010 (benched)	Ottawa S25	Ottawa S24

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.

JOB BENCH MARK JBM ▲
FIRE HYDRANT TOP OF SPINDLE ELEVATION=65.17

TOPOGRAPHIC INFORMATION
PART OF LOT 63, REGISTERED PLAN 96, CITY OF OTTAWA.
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. O.L.S (V–53820) SURVEY DATED JULY 27, 2023.
SITE GRID SYSTEM MTM NAD 83, ZONE 9,

REV	REVISION DESCRIPTION	DATE	BY	APPD
1	ISSUED FOR SPA	06/08/24	AJ	AA

SCALE: HORIZONTAL 1:100 (0, 1m, 2m, 4m)
NORTH

DESIGNED BY: LICENSED PROFESSIONAL ENGINEER A. K. JARIWALA 100562090 2024/08/06 PROVINCE OF ONTARIO

REVIEWED BY: LICENSED PROFESSIONAL ENGINEER M.A. ANSARI 2024/08/06 PROVINCE OF ONTARIO

CLIENT: Pulse Societies Ltd.
135 LAURIE AVE W, SUITE 100
OTTAWA, ONTARIO K1P 5J2

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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BASEPLAN: ZW
DESIGN: ZW
CHECKED: AJ
CAD: ZW
PROJECT MANAGER: AJ
APPROVED: AA

PROJECT: 1136 GABRIEL STREET
OTTAWA, ONTARIO.

TITLE: SITE SERVICING PLAN

PROJECT No. OTT–24006874–A0
SURVEY: AOV
DATE: 27/07/2023
DRAWING No. C100

Filename: \\exp\data\ott\ott-24006874-a0\60 execution\65 drawing\ott-24006874-a0 - gabriel - civil_dd.dwg
Last Saved:8/7/2024 10:23 PM Last Plotted:8/7/2024 5:12:23 PM Plotted by:ZWAHID, ZIA
References: Keyplan-UTM-NAD83.xwg; xref - Plan-topo.dwg; xref - Site Plan.dwg; Sheet A1_Title.dwg; GBR-Exst-SitePlan_Xref.dwg