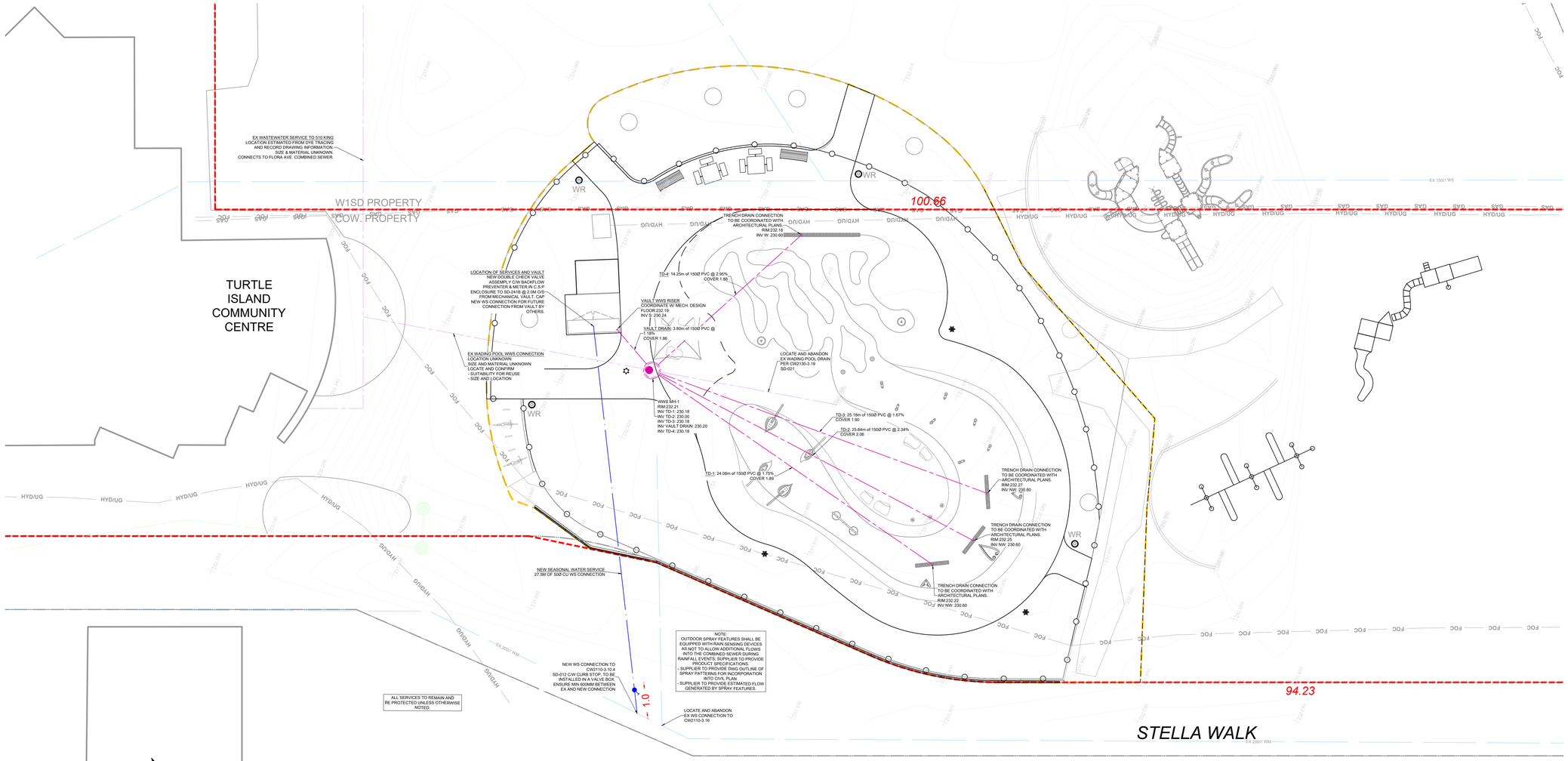

PLAN 1:150
SERVICING

Proposed Uses: Spray Pad

Proposed Development Wastewater Flow Estimates

Site Information

Area	0.0172	ha
Use	Spray Pad	
Daily Wastewater Volume	187500.0	lps
Post WW Volume	**187500.0**	L
WWV Increase	**0.0**	L

Existing Uses: Wading Pool

Pre-Development Wastewater Flow Estimates

Site Information

Area	0.0172	ha
Use	Wading Pool	

Estimated Flow

Hours of Operation	12.0	hr/day
Refresh Time	3.0	hours
Wadding Pool Volume	37500.0	L
Daily Wastewater Volume	187500.0	L
Wastewater Flow	4.3	lps
Pre WW Volume	**187500.0**	L

Note:
- Hours of operation estimated as 12/day from mid-June to mid-September
- Refresh time is the number of hours in which the entire volume of the wading pool is drained during regular hours of operation.
- Wadding pool volume is estimated based on surveyed extents of the existing pool. Pool is assumed to only be filled to the bottom of the perimeter curbing to be conservative.

TOPOGRAPHIC SURVEY & BENCHMARK
Survey by Stevens Surveys, File 22/220, 21st of September 2022.
Elevations are geodetic (CGVD28), obtained by GPS Observation.
TBM #1, EL=233.10, is top of the nut of fire hydrant ±5.5m south of the southwest corner of Turtle Island Neighbourhood Centre.
TBM #2, EL = 232.86, is top of operating nut of fire hydrant on south side of Stella Walk ±80m west of King Street.
TBM #3, EL=232.78, is top of operating nut of fire hydrant on east side of King Street ±65m north of Stella Walk.
See surveyor plan for details.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
10133373 Manitoba Inc.
o/a Sandbox Design & Consulting
No. 8089

This is not a legal plan.
Contours shown are approximated for reference only.
Whole numbers are millimetres (mm).
Decimal numbers are metres (m).
Convert Metric to Standard 1.0m = 3.2808ft
This plan is prepared only for the Client and may not be used by any other party without written consent.

EXISTING		PROPOSED	EXISTING		PROPOSED	EXISTING		PROPOSED
1.98	SLOPE DIRECTION	2.98%		HYDRANT			CONTOUR	
(394.98)	SURFACE ELEV.	239.45		CURB STOP			PONDING AREA	
150 WM	WATERMAIN	150 WM		VALVE		ELEC	ELEC	ELEC
250 WWS	WASTEWATER SEWER	250 WWS		WWS MANHOLE		GAS	GAS	GAS
300 LDS	LAND DRAINAGE SEWER	300 LDS		LDS CATCHBASIN		COMM	COMMUNICATIONS	COMM
				LDS MANHOLE			TOPO SURVEY POINT	

APPROVING AUTHORITY STAMP

B.M.
ELEV.

NO.	REVISIONS	YYYY.MM.DD.	BY
3	SUBMITTED FOR TENDER	2024-01-16	KP
2	99% COORDINATION	2023-12-07	KP
1	SUBMITTED FOR REVIEW	2023-11-21	KP

Sandbox DESIGN & CONSULTING

DESIGNED BY	KP	CHECKED BY	DH
DRAWN BY	KP	APPROVED BY	DH
HOR. SCALE:	AS SHOWN	RELEASED FOR CONSTRUCTION:	
VERTICAL:			
DATE		DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
D. W. HONIES
Member
32664
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING N0.
C2

Winnipeg
CITY OF WINNIPEG

SERVICING PLAN
TURTLE ISLAND SPRAY PAD
510 KING STREET, WINNIPEG, MB

SHEET 2 OF 2
CAD FILE DRAWING NUMBER 23074-C-R3
PROJECT CODE 23074

sbxconsulting.ca Email. dave@sbxconsulting.ca Tel. 204.489.5900