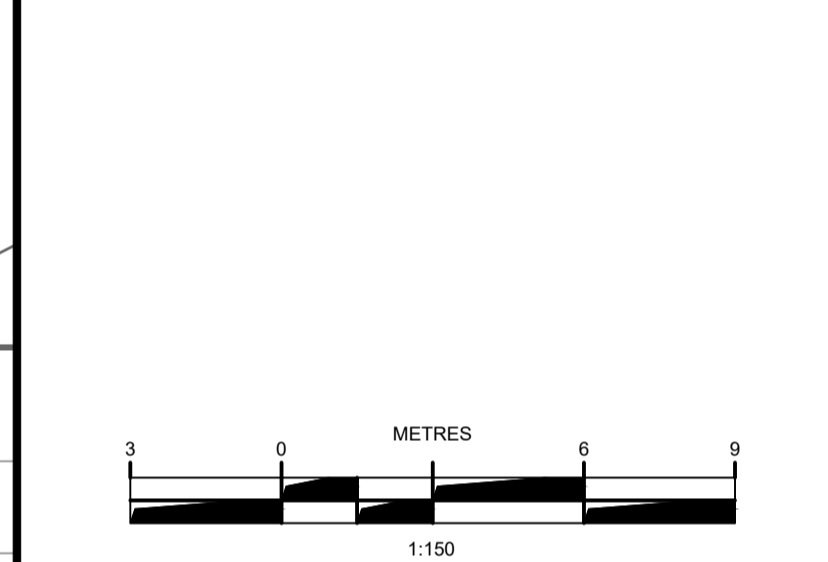


EXISTING		PROPOSED	
	EASEMENT		RIGHT OF WAY
	LOT LINE		WATER PIPE
	SANITARY PIPE		STORM PIPE
	COMBINED PIPE		CURBSTOP
	REDUCER		WATER VALVE
	PRECAST HEADWALL		HYDRANT
	CATCHBASIN		EXISTING PROPOSED

ELEVATIONS ARE REFERENCED TO NOVA SCOTIA PROVINCIAL LIDAR (CGVD2013). CONTOUR INTERVAL IS 0.5 m.

- NOTES:**
- ALL WORKS TO BE IN ACCORDANCE WITH HALIFAX WATER DESIGN AND CONSTRUCTION SPECIFICATIONS AND HALIFAX REGIONAL MUNICIPALITY MUNICIPAL DESIGN GUIDELINES (CURRENT EDITIONS).
  - ALL WORKS TO BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATION FOR MUNICIPAL SERVICES" PREPARED JOINTLY BY THE NOVA SCOTIA ROADBUILDERS ASSOCIATION AND THE CONSULTING ENGINEERS OF NOVA SCOTIA (CURRENT EDITION).
  - LOCATIONS OF EXISTING INFRASTRUCTURE IS BASED ON BEST AVAILABLE INFORMATION, AND ARE APPROXIMATE.
  - SERVICING LAYOUT SUBJECT TO DETAILED DESIGN AND APPROVAL BY THE APPLICABLE APPROVAL AGENCIES (e.g. HALIFAX WATER, NOVA SCOTIA DEPARTMENT OF ENVIRONMENT, HALIFAX REGIONAL MUNICIPALITY).
  - STORMWATER MANAGEMENT INCLUDING BALANCING REQUIREMENTS AND MEASURES REQUIRED TO COMPLY WITH THE HALIFAX STORMWATER MANAGEMENT STANDARDS FOR DEVELOPMENT ACTIVITIES TO BE REVIEWED AND DETERMINED AS PART OF DETAILED DESIGN.



ISSUE	DATE	DESCRIPTION	INT.
A	MAY 31, 2024	ISSUED FOR REVIEW	AK

CONSULTANT

**DESIGNPOINT**  
engineering • surveying • solutions

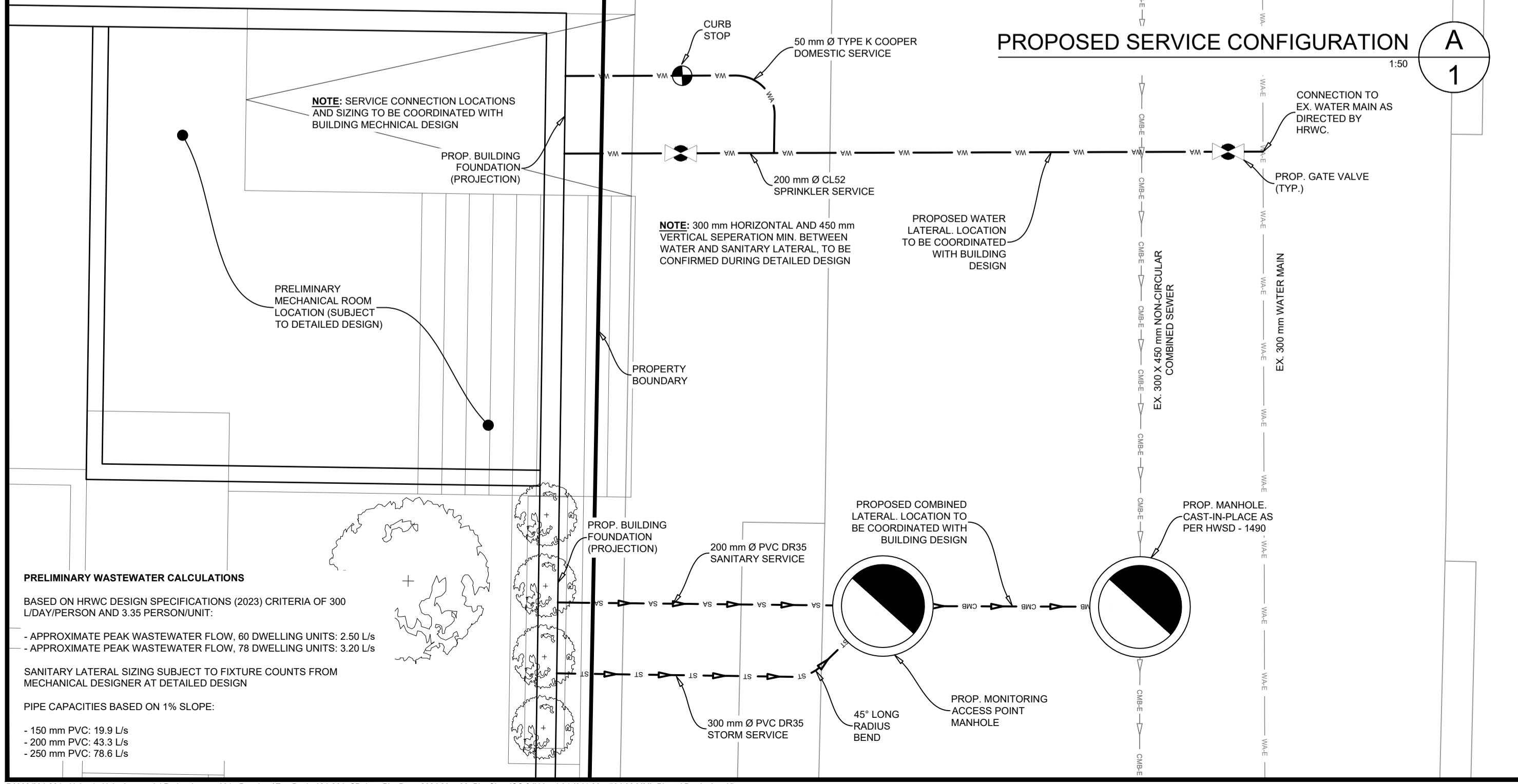
902.832.5597 designpoint.ca

**PRELIMINARY**  
MAY 31, 2024

CLIENT  
**UPLAND PLANNING + DESIGN**

PROJECT DESCRIPTION  
**UNITED MEMORIAL REDEVELOPMENT**  
HALIFAX, NOVA SCOTIA  
SHEET DESCRIPTION

CONCEPT PLAN			
Drawn A. KITSUTA	Engineer J. WYATT	Project No. 24-264	Drawing No. CP-01
Scale 1:150	Filename 24-264_CP.dwg		1 of 1



**PRELIMINARY WASTEWATER CALCULATIONS**  
BASED ON HRWC DESIGN SPECIFICATIONS (2023) CRITERIA OF 300 L/DAY/PERSON AND 3.35 PERSON/UNIT:  
- APPROXIMATE PEAK WASTEWATER FLOW, 60 DWELLING UNITS: 2.50 L/s  
- APPROXIMATE PEAK WASTEWATER FLOW, 78 DWELLING UNITS: 3.20 L/s  
SANITARY LATERAL SIZING SUBJECT TO FIXTURE COUNTS FROM MECHANICAL DESIGNER AT DETAILED DESIGN  
PIPE CAPACITIES BASED ON 1% SLOPE:  
- 150 mm PVC: 19.9 L/s  
- 200 mm PVC: 43.3 L/s  
- 250 mm PVC: 78.6 L/s