

M:\2018\118224\CA\Design\118224-PR.dwg, PR3, Nov 26, 2021 - 4:12pm, mghauri

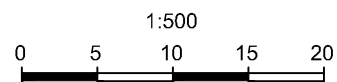
NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS,
WATERMAINS, SEWERS AND OTHER
UNDERGROUND AND OVERGROUND UTILITIES AND
STRUCTURES IS NOT NECESSARILY SHOWN ON
THE CONTRACT DRAWINGS, AND WHERE SHOWN,
THE ACCURACY OF THE POSITION OF SUCH
UTILITIES AND STRUCTURES IS NOT GUARANTEED.
BEFORE STARTING WORK, DETERMINE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

PRELIMINARY

No.	REVISION	DATE	BY
3.	REVISED AND REISSUED FOR REVIEW	NOV 26/21	BHB
2.	ISSUED FOR REVIEW	JUN 18/21	BHB
1.	ISSUED FOR DISCUSSION	MAR 5/21	BHB

SCALE

1 : 500



DESIGN	DJC
CHECKED	BCS
DRAWN	DJC
CHECKED	BCS
APPROVED	BHB

FOR REVIEW ONLY



NOVATECH

Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6

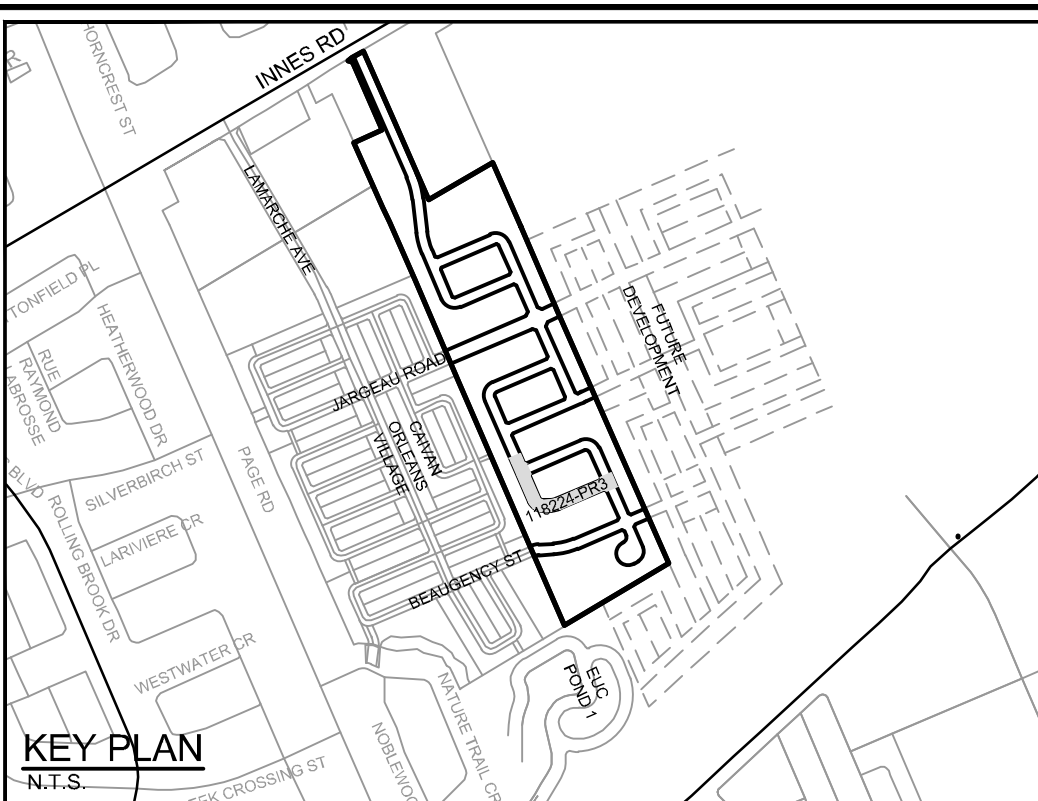
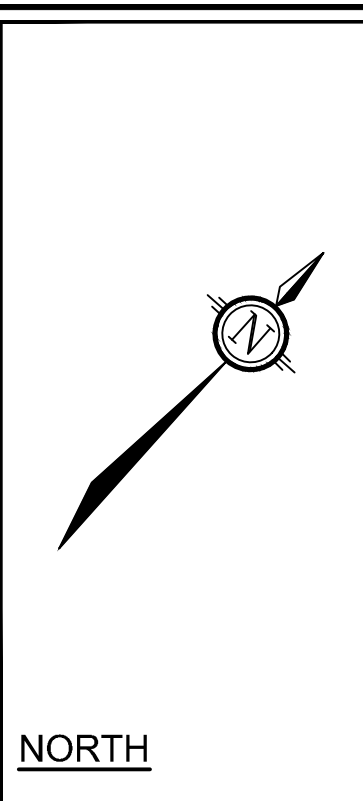
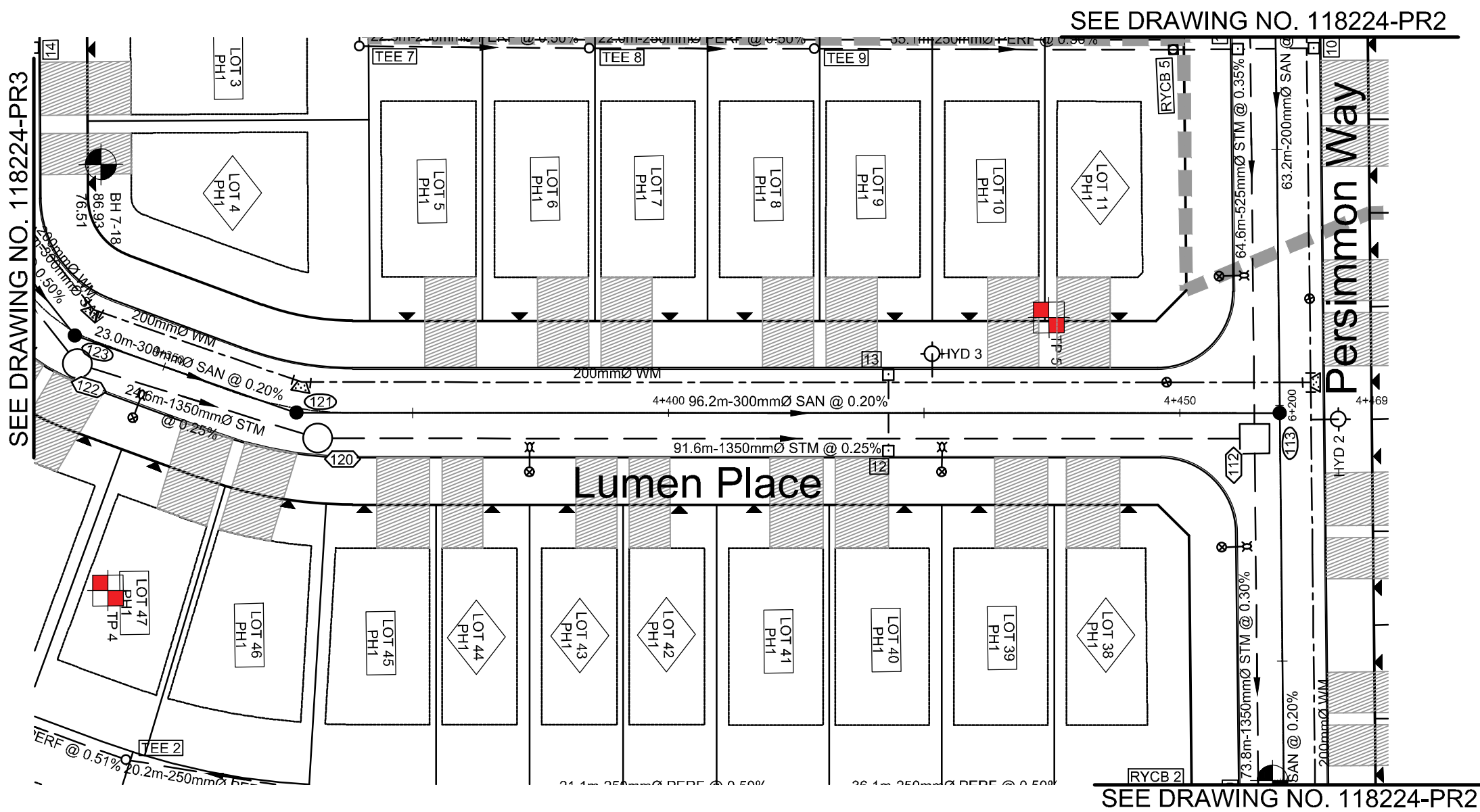
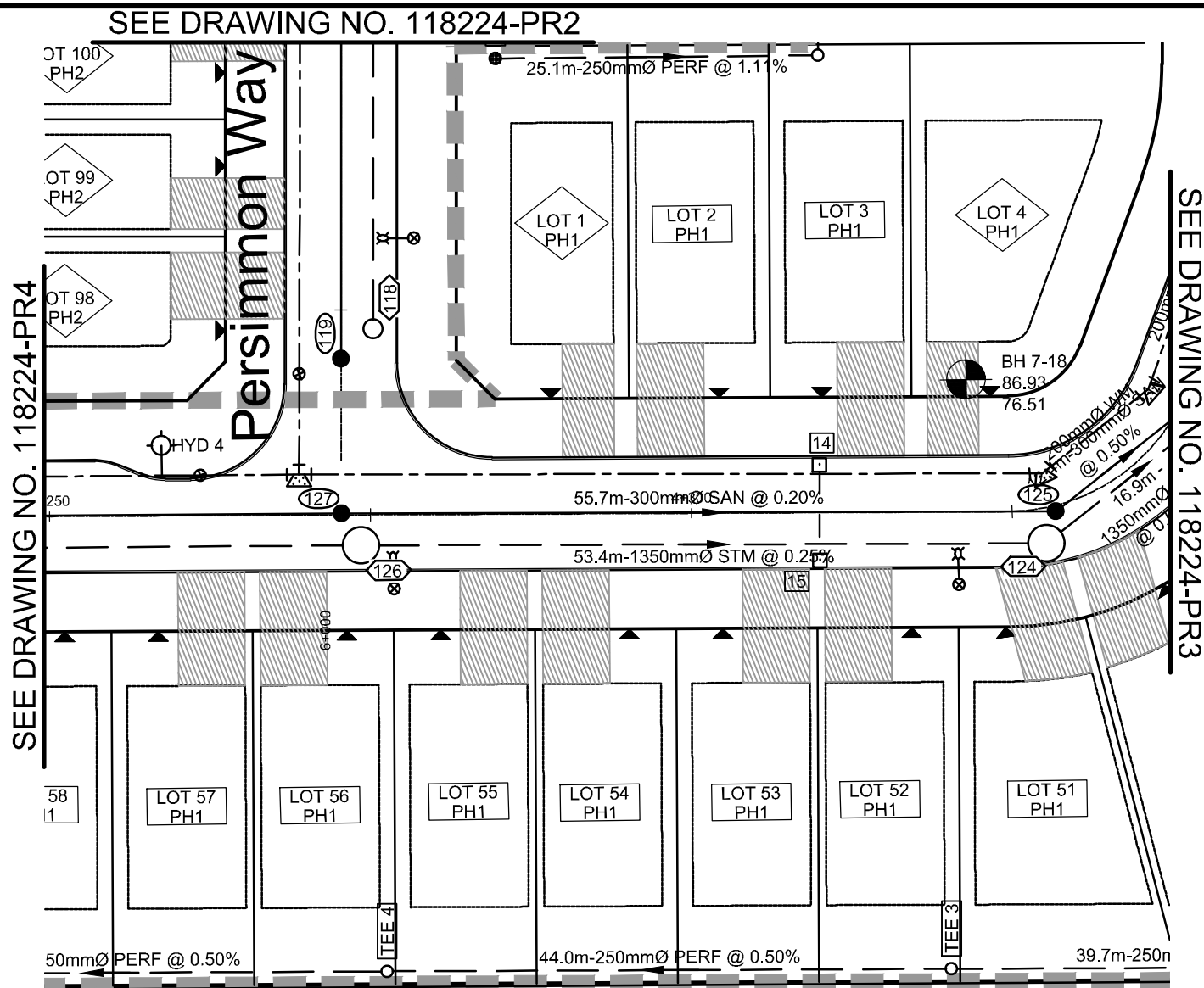
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
CITY OF OTTAWA
THE COMMONS

DRAWING NAME

PLAN AND PROFILE
LUMEN PLACE
STATION 4+250 TO 4+469

PROJECT No.	118224-00
REV	REV # 3
DRAWING No.	118224-PR3

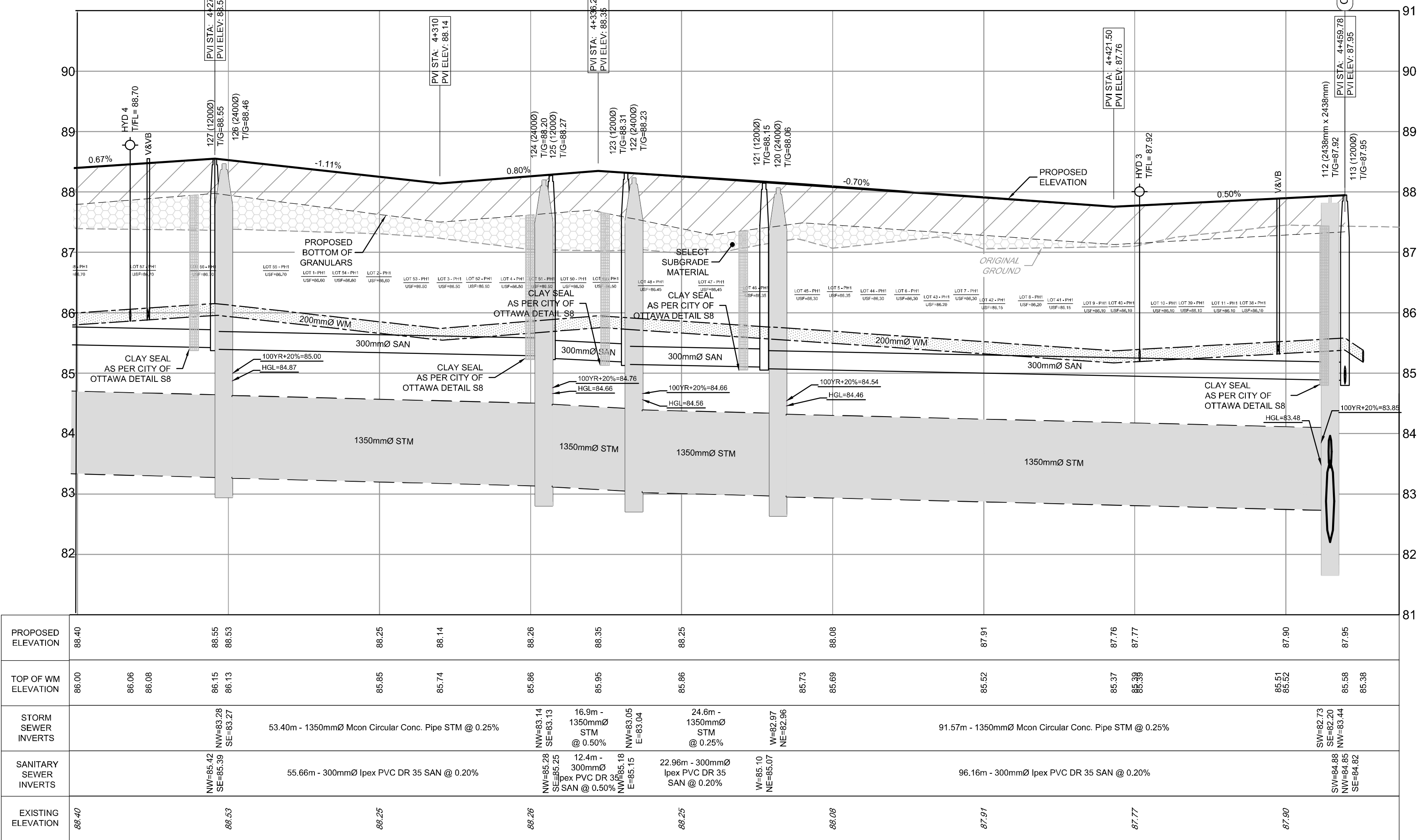


LEGEND

	PROPOSED WATERMAIN		PROPOSED SANITARY MH & SEWER
	PROPOSED VALVE LOCATION		PROPOSED STORM MH & SEWER
	VALVE & VALVE BOX		PROPOSED LANDSCAPE TEE CATCHBASIN & PERFORATED SUBDRAIN PER S29, S30, S31
	PROPOSED HYDRANT C/W VALVE & LEAD		PROPOSED LANDSCAPE ELBOW CATCHBASIN & PERFORATED SUBDRAIN PER S29, S30, S31
	PROPOSED TOP OF BOTTOM FLANGE		PROPOSED REAR YARD CATCHBASIN MANHOLE & LEAD
	PROPOSED BEND AND THRUSTBLOCK 11.25°, 22.5°, 45° or TEE (SEE PLAN AND PROFILES)		PROPOSED REAR YARD CATCHBASIN & LEAD
	SERVICE CONNECTION STUB (SINGLE)		PROPOSED ROAD CATCHBASIN
	100mm STORM @ 1.0%		DIRECTION OF FLOW
	19mm WATER		EXISTING 1.8m CONCRETE SIDEWALK
	125mm SANITARY @ 1.0%		DRAINAGE EASEMENT
			EXISTING FENCE - CHAINLINK
			SIDEWALK REINSTATEMENT FOR DEPRESSED CURBS
			UTILITY EASEMENT
			PROPOSED OVERLAY

LEGEND

	BOREHOLE LOCATION
	FILL
	TOP SOIL
	SAND
	CLAYEY SILT
	SILTY CLAY
	GLACIAL TILL
	WEATHERED BEDROCK



PROPOSED ELEVATION	88.40																		
TOP OF WM ELEVATION	86.00	86.06 86.08	86.15 86.13		86.85	86.74	86.86	86.95	86.86	86.73	85.69	85.52	85.37 85.39		85.51 85.52	85.58	85.38		
STORM SEWER INVERTS		NW=83.28 SE=83.27	53.40m - 1350mmØ Moon Circular Conc. Pipe STM @ 0.25%		NW=83.14 SE=83.13	16.9m - 1350mmØ STM @ 0.50%	NW=83.05 E=83.04	24.6m - 1350mmØ STM @ 0.25%		W=82.97 NE=82.96	91.57m - 1350mmØ Moon Circular Conc. Pipe STM @ 0.25%		SW=82.73 SE=82.20	NW=83.44					
SANITARY SEWER INVERTS		NW=85.42 SE=85.39	55.66m - 300mmØ Ipe PVC DR 35 SAN @ 0.20%		NW=85.28 SE=85.25	12.4m - 300mmØ Ipe PVC DR 35 SAN @ 0.50%	NW=85.18 E=85.15	22.96m - 300mmØ Ipe PVC DR 35 SAN @ 0.20%		W=85.10 NE=85.07	96.16m - 300mmØ Ipe PVC DR 35 SAN @ 0.20%		SW=84.88 NW=84.85 SE=84.62						
EXISTING ELEVATION	88.40	88.53	88.53	88.25	88.26	88.25	88.25	88.08	87.91	87.77	87.90	87.95							

#18535

D07-16-19-0027