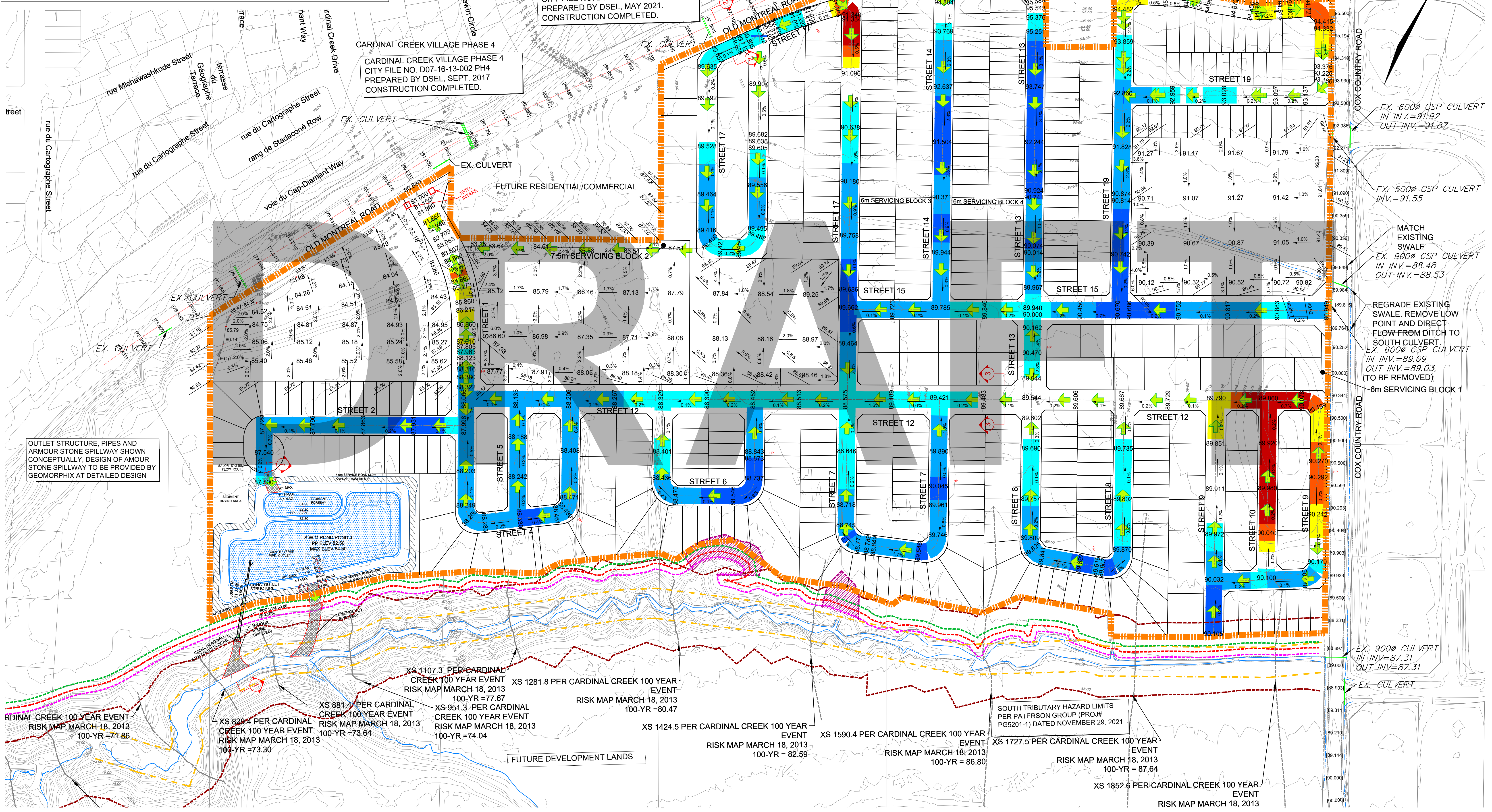


- GRADING NOTES**
- PRELIMINARY GRADING REPRESENTS CENTERLINE OF ROAD LOW POINTS, CENTERLINE GRADES UP TO 0.35m HIGHER AT DETAILED DESIGN TO ACCOUNT FOR ROAD HIGH POINTS, LOT GRADING HIGHER TO BE PROVIDED AT DETAILED DESIGN
 - PRELIMINARY GRADING BASED ON MAXIMUM GRADE RAISE OF 2.0m FOR RESIDENTIAL LOTS
 - GRADE RAISE RESTRICTIONS AND PLACEMENT OF LIGHTWEIGHT FILL TO BE REVIEWED BY PATERSON GROUP DURING DETAILED DESIGN
 - PRELIMINARY GRADING DOES NOT REPRESENT ROAD SAGS, MINIMUM LONGITUDINAL SLOPES OF 0.5% TO BE MAINTAINED DURING DETAILED DESIGN THROUGH SAWTOOTHING
 - RETAINING WALLS TO BE DESIGNED BY STRUCTURAL ENGINEER AT DETAILED DESIGN



- LEGEND**
- 192.851 PROPOSED CENTERLINE ELEVATION
 - 192.851 PROPOSED ELEVATION
 - 192.851 EXISTING CENTERLINE ELEVATION
 - INFILL WORK AREA
 - STORM OVERLAND FLOW ARROW
 - RETAINING WALL
 - HIGH WATER LINE
 - TOP OF SLOPE
 - 30m SETBACK FROM NHWM
 - EROSION ACCESS ALLOWANCE
 - TOE EROSION ALLOWANCE/ LIMIT OF HAZARD LANDS
 - STABLE SLOPE ALLOWANCE

- SOUTH TRIBUTARY HAZARD LIMITS PER PATERSON GROUP (PROJ# PG5201-1) DATED NOVEMBER 29, 2021**
- EROSION ACCESS ALLOWANCE
 - TOE EROSION ALLOWANCE/ LIMIT OF HAZARD LANDS
 - STABLE SLOPE ALLOWANCE

- RETAINING WALL**
- HIGH WATER LINE**
- TOP OF SLOPE**
- 30m SETBACK FROM NHWM**
- EROSION ACCESS ALLOWANCE**
- TOE EROSION ALLOWANCE/ LIMIT OF HAZARD LANDS**
- STABLE SLOPE ALLOWANCE**

CUT-FILL DEPTH ALONG CENTER LINE:

CUT DEPTH (m)		FILL DEPTH (m)	
0 - 0.5	1.5 - 2.0	0 - 0.5	1.5 - 2.0
0.5 - 1.0	2.0 - 2.5	0.5 - 1.0	2.0 - 2.5
1.0 - 1.5	> 2.5	1.0 - 1.5	> 2.5

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CARDINAL CREEK VILLAGE SOUTH
CITY OF OTTAWA

GRADING PLAN

SCALE: 1:1500
PROJECT No.: 19-1153
DATE: OCTOBER 2024
DRAWING: 5