



CARDINAL CREEK VILLAGE PHASE 5&6
CITY FILE NO. D07-16-13-002 4PH5PH6
PREPARED BY DSEL, MAY 2021.
CONSTRUCTION COMPLETED.

CARDINAL CREEK VILLAGE PHASE 4
CITY FILE NO. D07-16-13-002 4PH5PH6
PREPARED BY DSEL, MAY 2021.
CONSTRUCTION COMPLETED.

EX. 600Ø CSP CULVERT
IN INV.=91.92
OUT INV.=91.87

EX. 500Ø CSP CULVERT
INV.=91.55

MATCH EXISTING SWALE
EX. 900Ø CSP CULVERT
IN INV.=88.48
OUT INV.=88.53

REGRADE EXISTING SWALE. REMOVE LOW POINT AND DIRECT FLOW FROM DITCH TO SOUTH CULVERT.
EX. 600Ø CSP CULVERT
IN INV.=89.09
OUT INV.=89.03
(TO BE REMOVED)

EX. 900Ø CULVERT
IN INV=87.31
OUT INV=87.31

EX. CULVERT

LEGEND

- 192.851 PROPOSED CENTERLINE ELEVATION
- 192.851 EXISTING CENTERLINE ELEVATION
- ←1.00m→ GRADE CHANGE
- PROPOSED ELEVATION
- EXISTING ELEVATION
- RETAINING WALL
- HIGH WATER LINE
- TOP OF SLOPE
- EROSION ACCESS ALLOWANCE
- TOE EROSION ALLOWANCE/ LIMIT OF HAZARD LANDS
- STABLE SLOPE ALLOWANCE
- 30m SETBACK FROM NHWM
- INFILL WORK AREA

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: DECEMBER 2021 DRAWING: 5

SOUTH TRIBUTARY TO CARDINAL CREEK

SOUTH TRIBUTARY TO CARDINAL CREEK

SOUTH TRIBUTARY HAZARD LIMITS PER PATERSON GROUP (PROJ# PG5201-1) DATED NOVEMBER 29, 2021

RDINAL CREEK 100 YEAR EVENT RISK MAP MARCH 18, 2013 100-YR = 71.86

XS 820.4 PER CARDINAL CREEK 100 YEAR EVENT RISK MAP MARCH 18, 2013 100-YR = 73.30

XS 881.4 PER CARDINAL CREEK 100 YEAR EVENT RISK MAP MARCH 18, 2013 100-YR = 77.67

XS 951.3 PER CARDINAL CREEK 100 YEAR EVENT RISK MAP MARCH 18, 2013 100-YR = 74.04

XS 1107.3 PER CARDINAL CREEK 100 YEAR EVENT RISK MAP MARCH 18, 2013 100-YR = 82.59

XS 1281.8 PER CARDINAL CREEK 100 YEAR EVENT RISK MAP MARCH 18, 2013 100-YR = 80.47

XS 1424.5 PER CARDINAL CREEK 100 YEAR EVENT RISK MAP MARCH 18, 2013 100-YR = 86.80

XS 1590.4 PER CARDINAL CREEK 100 YEAR EVENT RISK MAP MARCH 18, 2013 100-YR = 87.64

XS 1727.5 PER CARDINAL CREEK 100 YEAR EVENT RISK MAP MARCH 18, 2013 100-YR = 87.64

XS 1852.6 PER CARDINAL CREEK 100 YEAR EVENT RISK MAP MARCH 18, 2013 100-YR = 87.64

FUTURE DEVELOPMENT LANDS