





LEGEND

-  100-YEAR FLOOD LINE FROM INTERSECTION OF JD BARNES DEC. 22 2017 SURVEY AND FLOOD ELEVATIONS REPORTED IN RVCA 2005 JOCK RIVER FLOOD RISK MAP 2. (91.59m, 91.61m, 91.67m, 91.71m)
-  SITE BOUNDARY
-  100-YEAR FLOOD ELEVATION FROM RVCA 2005 JOCK RIVER FLOOD RISK MAP 2
-  PROPOSED LIMIT OF DEVELOPMENT



Elevations Table

Number	Minimum Elevation	Maximum Elevation	Area	Color	Incr. Vol (m ³)
1	0.00	-0.10	4814.85	Yellow	1478
2	-0.10	-0.20	5226.70	Orange	973
3	-0.20	-0.30	3963.63	Red	512
4	-0.30	-0.40	2045.82	Dark Red	
5	-0.40	-0.50	680.24	Brown	308
6	-0.50	-0.60	370.98	Dark Brown	
7	-0.60	-0.70	112.02	Black	
8	-0.70	-0.80	9.23	Purple	

TOTAL FILL VOLUME = 3,271m³
TOTAL FILL AREA = 17,224m²

Elevations Table

Number	Minimum Elevation	Maximum Elevation	Area	Color	Incr. Vol (m ³)
1	0.00	-0.10	93.67	Yellow	141
2	-0.10	-0.20	403.03	Orange	125
3	-0.20	-0.30	962.79	Red	46

TOTAL CUT VOLUME = 312m³
TOTAL CUT AREA = 1,459m²

Elevations Table

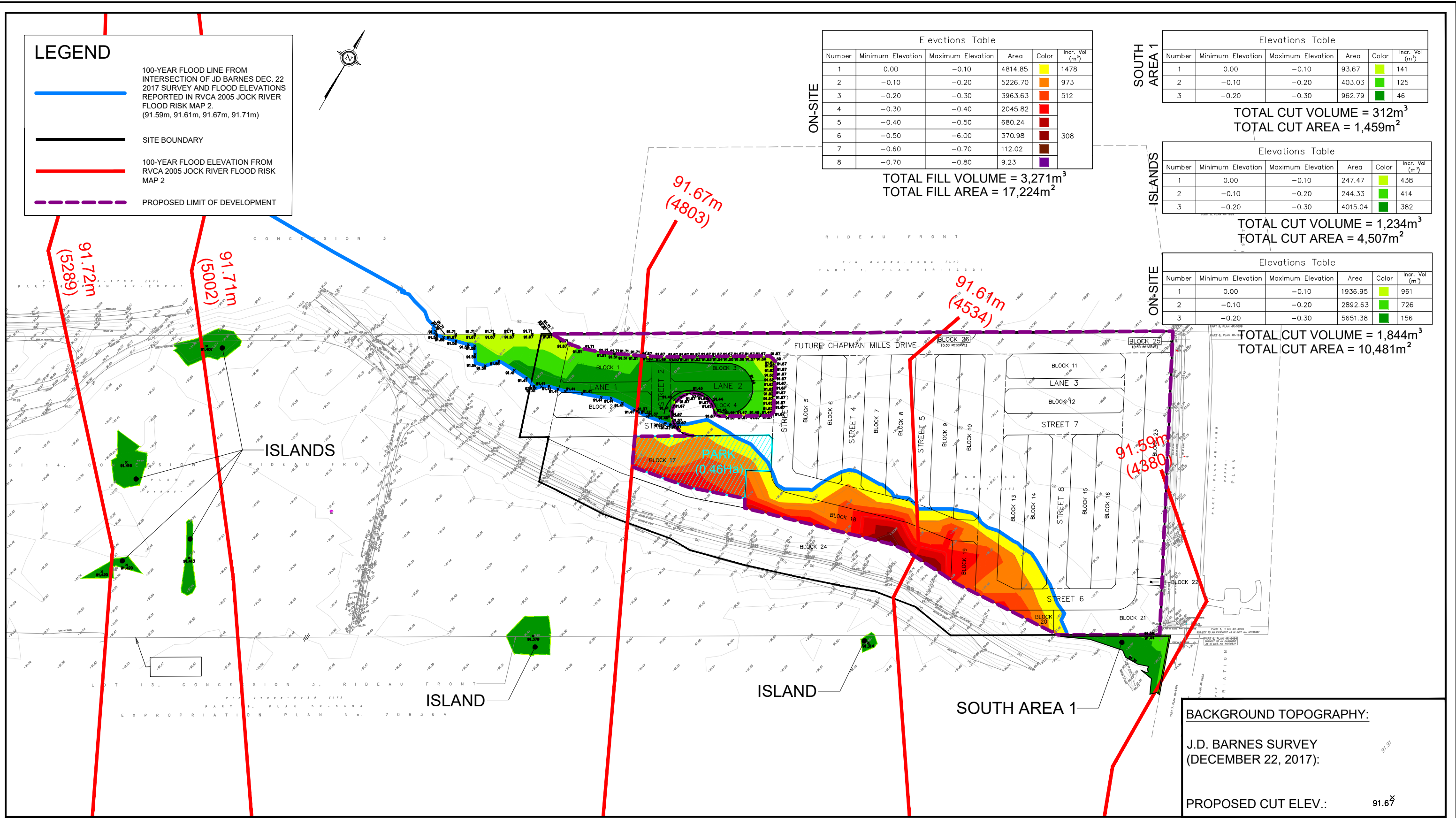
Number	Minimum Elevation	Maximum Elevation	Area	Color	Incr. Vol (m ³)
1	0.00	-0.10	247.47	Yellow	438
2	-0.10	-0.20	244.33	Orange	414
3	-0.20	-0.30	4015.04	Red	382

TOTAL CUT VOLUME = 1,234m³
TOTAL CUT AREA = 4,507m²

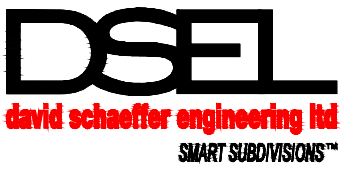
Elevations Table

Number	Minimum Elevation	Maximum Elevation	Area	Color	Incr. Vol (m ³)
1	0.00	-0.10	1936.95	Yellow	961
2	-0.10	-0.20	2892.63	Orange	726
3	-0.20	-0.30	5651.38	Red	156

TOTAL CUT VOLUME = 1,844m³
TOTAL CUT AREA = 10,481m²



BACKGROUND TOPOGRAPHY:
J.D. BARNES SURVEY
(DECEMBER 22, 2017):
PROPOSED CUT ELEV.: 91.67



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**BARRHAVEN CONSERVANCY
FLOODPLAIN LIMIT BASED ON
RVCA JOCK RIVER 1:100 FLOOD RISK ELEVATIONS**

PROJECT No.:	16-891
SCALE:	1:3000
DATE:	AUGUST 30, 2018
FIGURE:	1