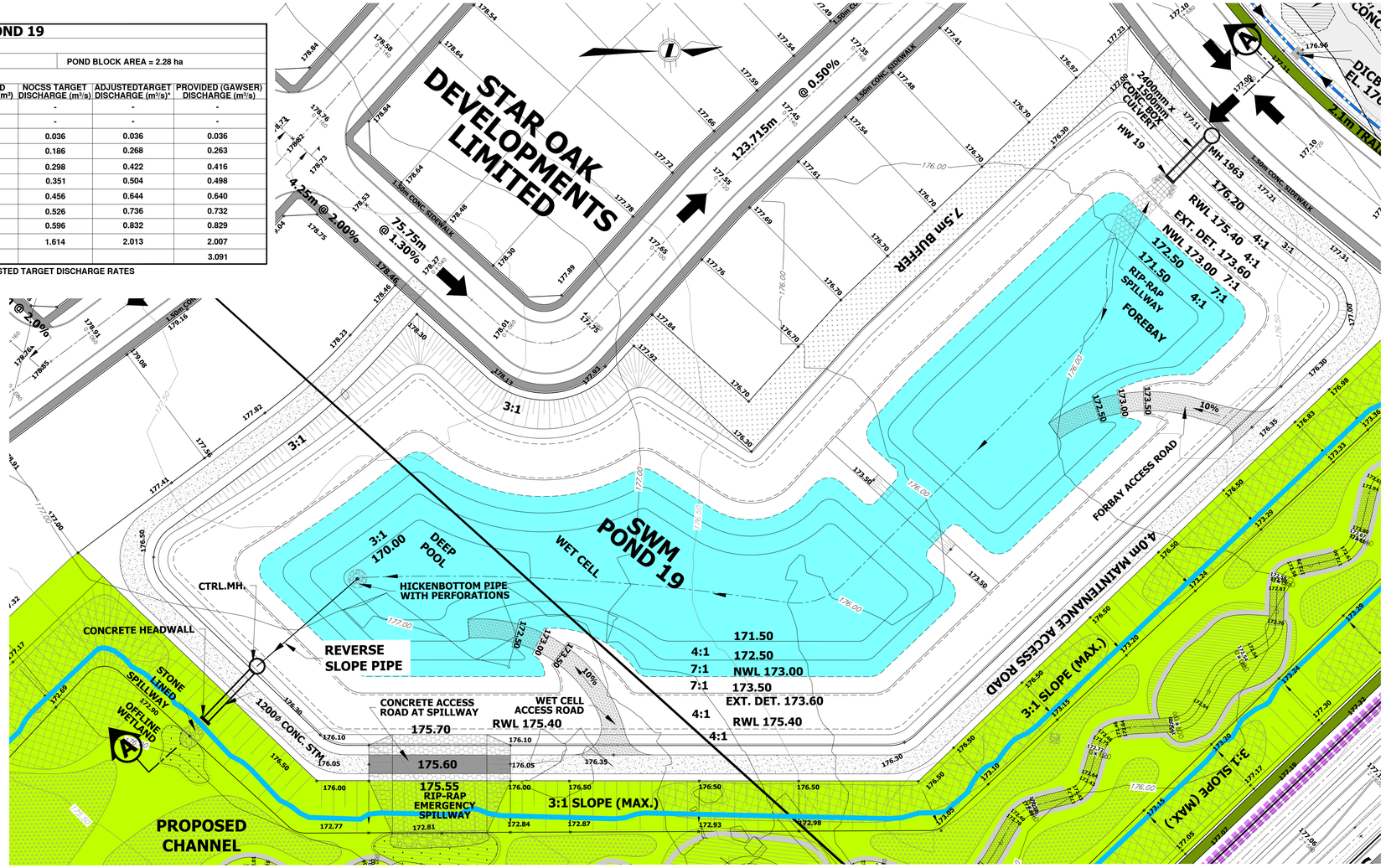
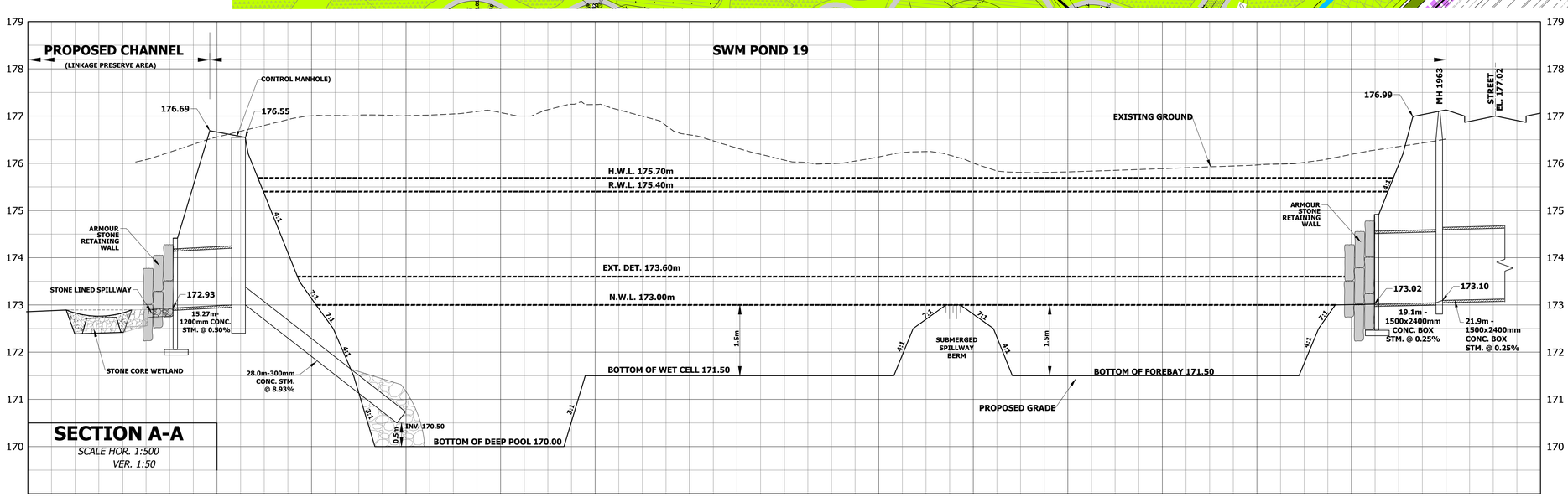
SWM POND 19

TOTAL DRAINAGE AREA TO POND = 35.08 ha	IMPERVIOUSNESS = 66%			POND BLOCK AREA = 2.28 ha		
CRITERIA	STAGE (m)	REQUIRED STORAGE (m^3)	PROVIDED STORAGE (m^3)	NOCSS TARGET DISCHARGE (m^3/s)	ADJUSTEDTARGET DISCHARGE (m^3/s)*	PROVIDED (GAWSER) DISCHARGE (m^3/s)
BOTTOM	171.50	-	-	-	-	-
PERMANENT POOL	173.00	6,197	8,906	-	-	-
EXTENDED DETENTION	173.60	5,260	5,743	0.036	0.036	0.036
2 YEAR	173.80	7,366	7,931	0.186	0.268	0.263
5 YEAR	173.90	9,046	9,060	0.298	0.422	0.416
10 YEAR	174.00	10,133	10,213	0.351	0.504	0.498
25 YEAR	174.20	11,765	12,591	0.456	0.644	0.640
50 YEAR	174.30	12,766	13,815	0.526	0.736	0.732
100 YEAR	174.40	13,891	15,063	0.596	0.832	0.829
REGIONAL	175.40	28,658	28,845	1.614	2.013	2.007
EMERGENCY	175.70	NOT REQUIRED	33,442			3.091

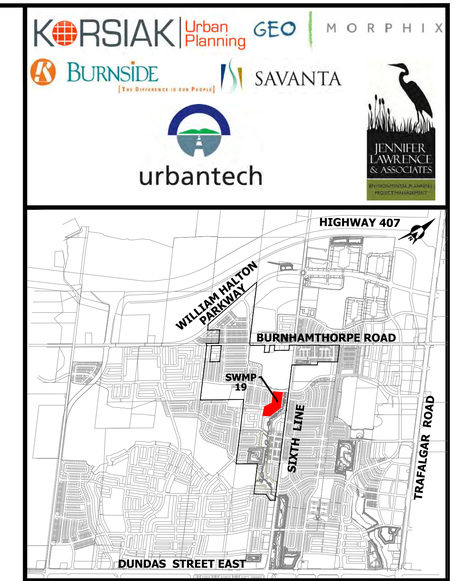
*REFER TO EIR/FSS ADDENDUM FOR DETAILED ANALYSIS OF ADJUSTED TARGET DISCHARGE RATES



PLAN VIEW
SCALE 1:500



SECTION A-A
SCALE HOR. 1:500
VER. 1:50



Legend:

- EXISTING CONTOUR
- EXISTING ELEVATION
- EXISTING OVERLAND FLOW ROUTE
- PROPOSED GRADE
- PROPOSED OVERLAND FLOW ROUTE
- CORE AREA
- LINKAGE PRESERVE AREA
- NON PARTICIPATING LANDOWNERS (FUTURE DEVELOPMENT)
- EIR/FSS STUDY AREA LIMIT

ENVIRONMENTAL IMPLEMENTATION REPORT AND FUNCTIONAL SERVICING STUDY ADDENDUM
UPPER WEST MORRISON CREEK UWM1
NORTH OAKVILLE

DRAWING 8.9D

SWM POND 19 (PLAN VIEW AND CROSS SECTION)

PROJECT:17-528	SCALE: AS SHOWN	DEC. 2018