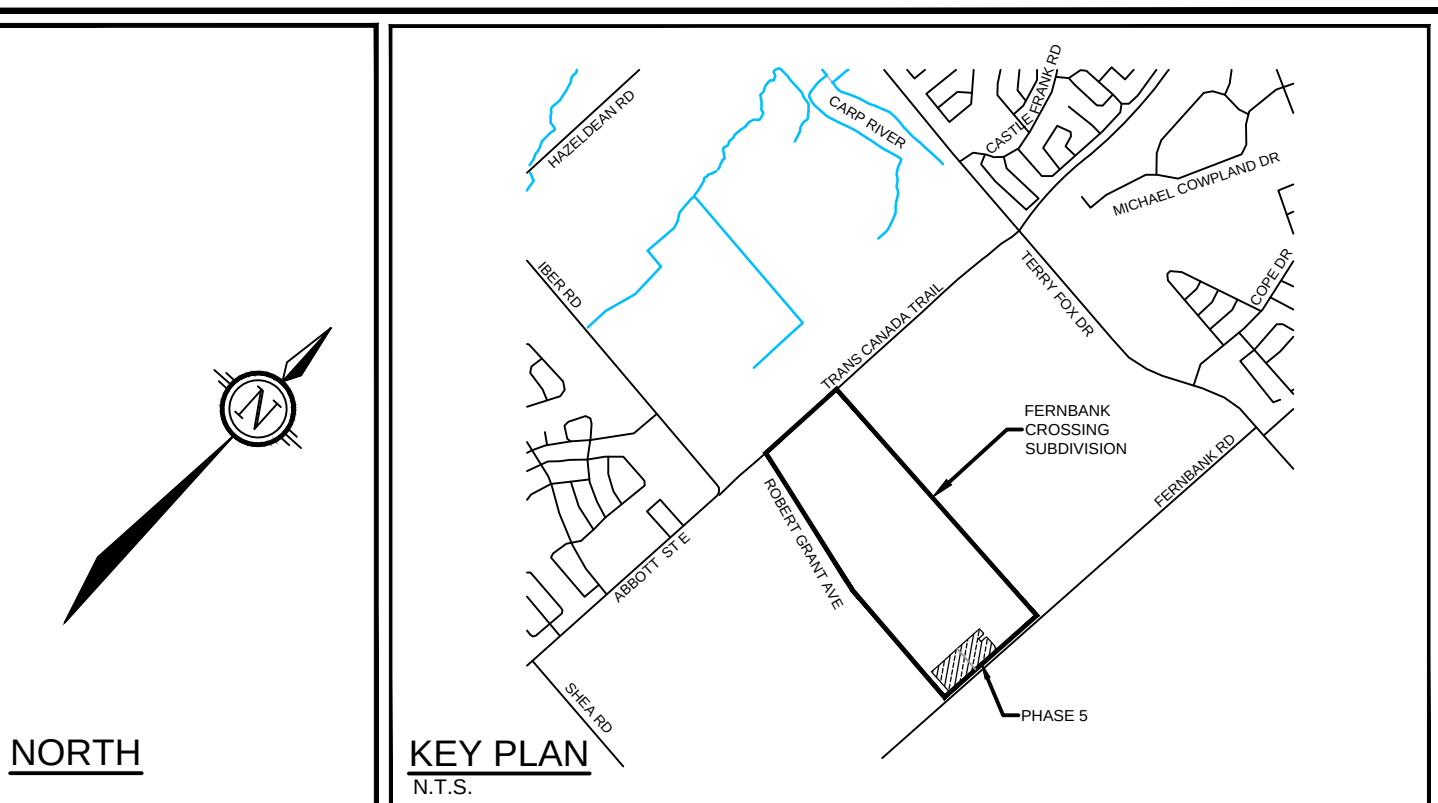
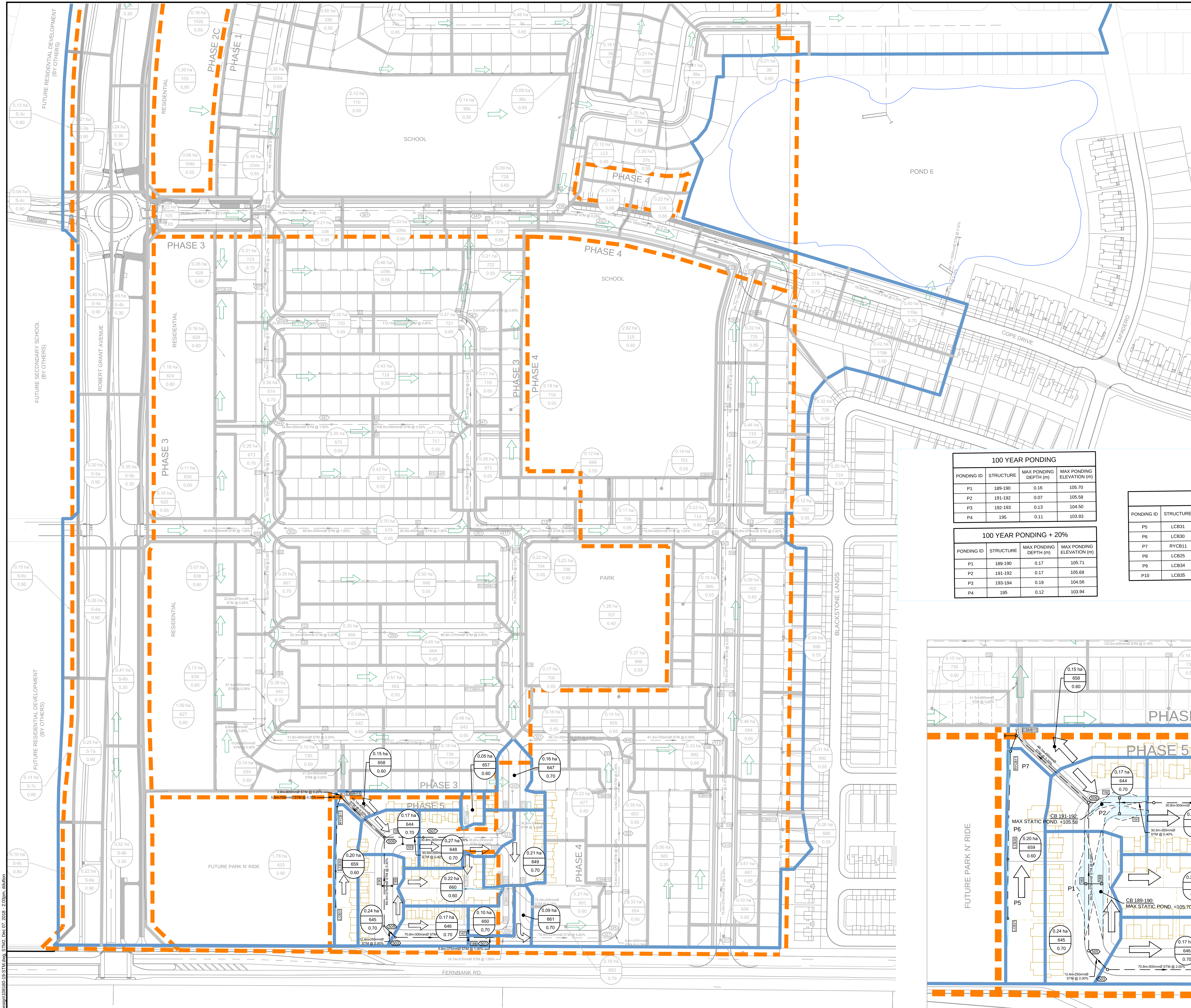




LEGEND

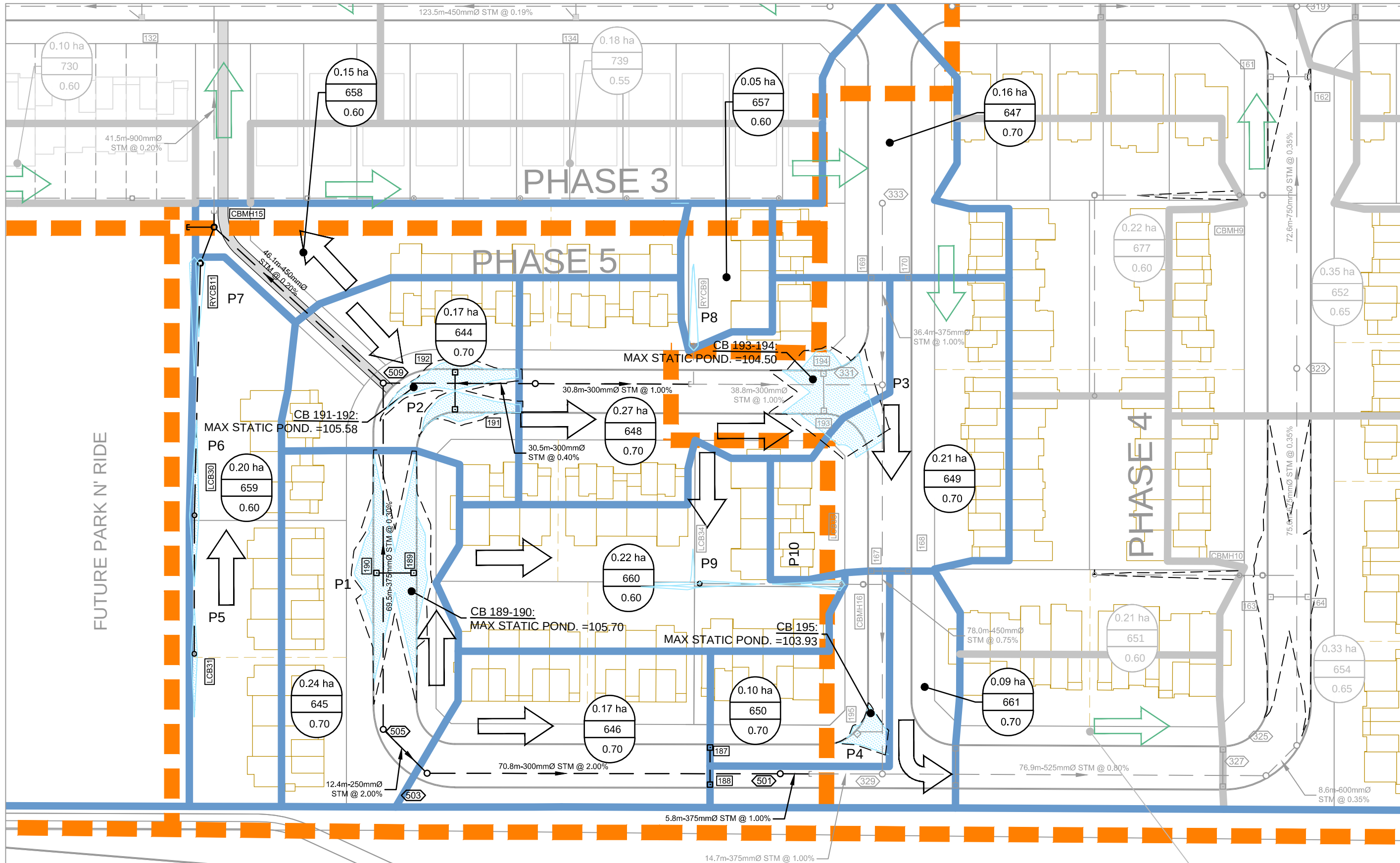
- PHASE 5 AREA (hectares)
- PHASE 5 AREA ID
- PHASE 5 RUN-OFF COEFFICIENT
- EXISTING DRAINAGE AREA (hectares)
- EXISTING AREA ID
- EXISTING RUN-OFF COEFFICIENT
- PROPOSED STORM DRAINAGE AREA BOUNDARY
- EXISTING STORM DRAINAGE AREA BOUNDARY
- PROPOSED STORM MANHOLE / SEWER AND FLOW DIRECTION
- PROPOSED ROAD CATCHBASIN
- MAJOR SYSTEM FLOW ROUTE
- 100 YEAR PONDING LIMIT
- 100 YEAR + 20% PONDING LIMIT

100 YEAR PONDING			
PONDING ID	STRUCTURE	MAX PONDING DEPTH (m)	MAX PONDING ELEVATION (m)
P1	189-190	0.16	105.70
P2	191-192	0.07	105.58
P3	192-193	0.13	104.50
P4	195	0.11	103.93

100 YEAR PONDING + 20%			
PONDING ID	STRUCTURE	MAX PONDING DEPTH (m)	MAX PONDING ELEVATION (m)
P1	189-190	0.17	105.71
P2	191-192	0.17	105.68
P3	193-194	0.19	104.56
P4	195	0.12	103.94

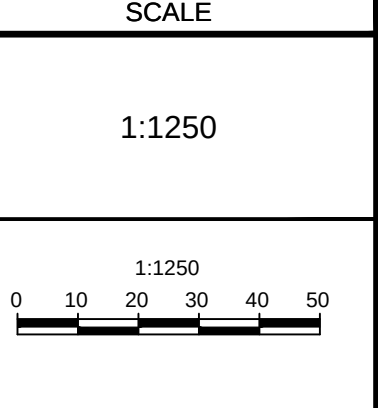
REAR YARD PONDING				
PONDING ID	STRUCTURE	MAX 100 YEAR PONDING DEPTH (m)	MAX 100 YEAR PONDING ELEVATION (m)	MAX 100 YEAR + 20% PONDING DEPTH (m)
P5	LCB31	0.30	105.92	0.30
P6	LCB30	0.30	105.83	0.30
P7	RYCB11	0.30	105.47	0.30
P8	LCB25	0.30	105.12	0.30
P9	LCB34	0.20	104.47	0.20
P10	LCB35	0.20	104.36	0.20

PHASE 5
1:750



NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, 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.

1. ISSUED FOR APPROVAL			
NO.	REVISION	DATE	BY
		DEC 7/18	MAB



SCALE
1:1250

FOR CONSTRUCTION

DESIGN: LRW
CHECKED: MAB
DRAWN: DTD
CHECKED: MAB
APPROVED: JGR

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CITY OF OTTAWA
FERNBANK CROSSING - PHASE 5

STORM DRAINAGE AREA PLAN

PROJECT NO: 108180-19
REV: 1
DRAWING NO: 108180-19-STM