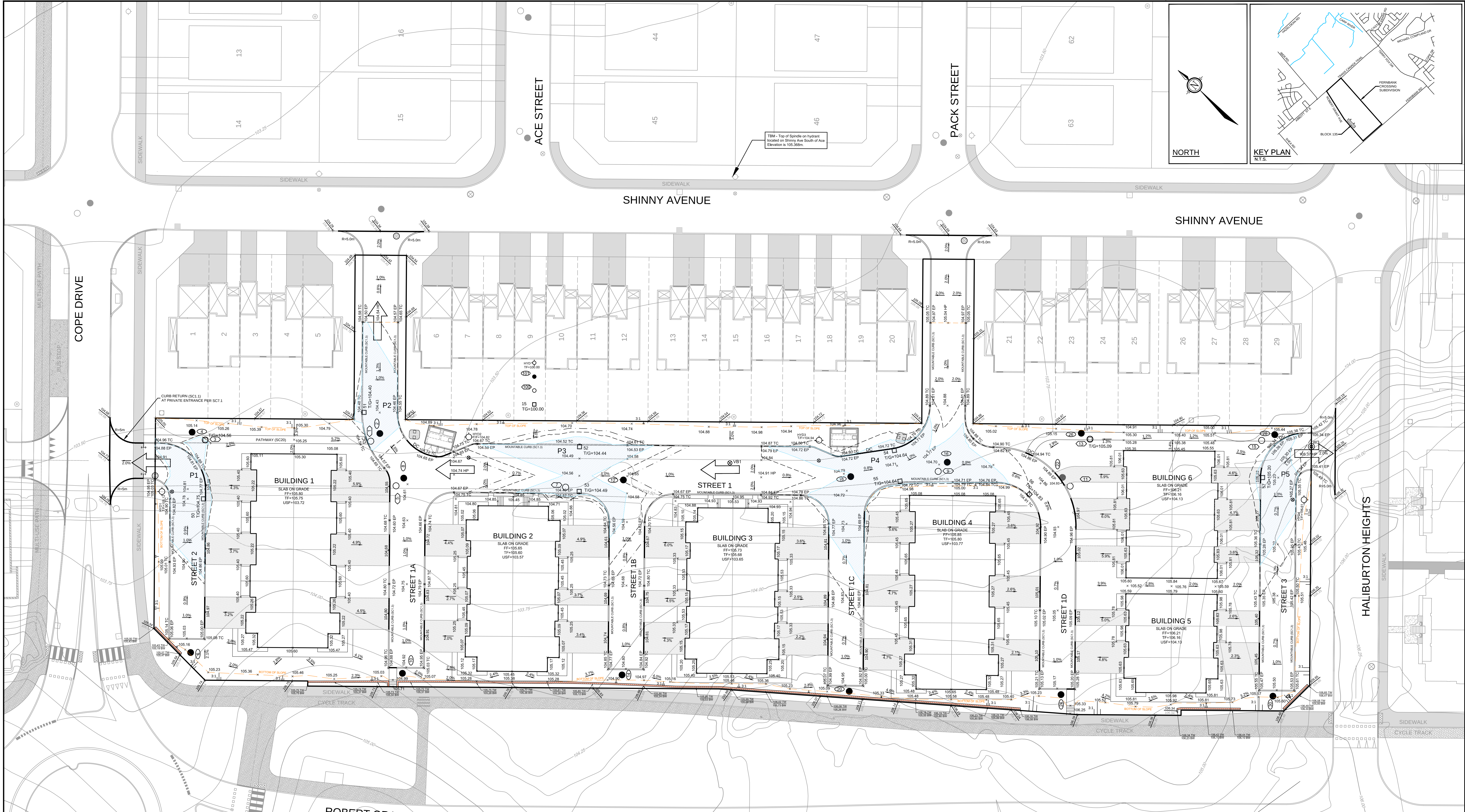




CATCHBASIN TABLE					
CB No.	T/G ELEVATION	INVERT	ICD DIA.	ICD TYPE	ICD RELEASE RATE (L/S)
50	104.75	103.35	108mm	ORIFICE	28.80
51	104.40	103.00	152mm	ORIFICE	50.56
52	104.44	103.04	83mm	ORIFICE	13.44
53	104.49	103.09	152mm	ORIFICE	44.88
54	104.64	103.24	83mm	ORIFICE	8.44
55	104.64	103.24	178mm	ORIFICE	78.47
56	104.83	103.43	152mm	ORIFICE	22.45
57	105.20	103.80	127mm	ORIFICE	32.38

ROADWAY PONDING					
PONDING ID	STRUCTURE	100 YEAR PONDING ELEVATION	100 YEAR PONDING DEPTH (m)	100 YEAR + 20% PONDING ELEVATION	100 YEAR + 20% PONDING DEPTH (m)
P1	CB-50	104.89	0.14	104.90	0.15
P2	CB-51	104.51	0.11	104.54	0.14
P3	CB-52	104.58	0.14	104.62	0.18
P3	CB-53	104.59	0.10	104.62	0.13
P4	CB-54	104.78	0.14	104.83	0.19
P4	CB-55	104.78	0.14	104.83	0.19
P5	CB-57	105.31	0.11	105.35	0.15

PAVEMENT STRUCTURE:
PRIVATE ROADWAY
40mm ASPHALT SP12.5
60mm ASPHALT SP19.0
150mm GRAN "A"
400mm GRAN "B" TYPE II
650mm TOTAL DEPTH

LEGEND

- PROPOSED GRADE AND DIRECTION
- PROPOSED ELEVATION
- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED ELEVATION AT HIGH POINT
- PROPOSED ELEVATION AT EDGE OF PAVEMENT
- PROPOSED ELEVATION AT TOP OF CURVE
- PROPOSED VALVE & VALVE BOX LOCATION
- GATE VALVE CHAMBER PER W3
- DEPRESSED CURB
- PROPOSED HYDRANT AND TOP OF FLANGE ELEVATION
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED CATCHBASIN
- MAJOR OVERLAND FLOW DIRECTION
- RETAINING WALL
- TERRACING AND SLOPE
- 100 yr PONDING AREA
- 100 yr + 20% PONDING AREA
- MAX. STATIC PONDING AREA

APPROVED ☐ REFUSED ☐
THIS DAY OF 20
DERRICK MOODIE, MANAGER
DEVELOPMENT REVIEW WEST
PLANNING, INFRASTRUCTURE AND ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

NOTES:
1. BENCHMARK LOCATION DESCRIPTION: OTTAWA LARGE CONCRETE CULVERT, UNDER HIGHWAYS NO. 7 AND 15, 2.4 km SOUTHWEST OF ROAD INTERSECTION WITH TRAFFIC LIGHT IN EAGLESON CORNERS, 155 m SOUTHWEST OF HAZELDEAN ANTIQUE, TABLET IN TOP OF CULVERT, 49 cm FROM SOUTH END, 49 cm FROM WEST EDGE, 12.2 m FROM CENTRE LINE OF HIGHWAY, 1 m BELOW ROAD LEVEL AT ELEVATION 94.045 m.

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.

SCALE			DESIGN	
1:300			DTD	MAB
0 3 6 9 12			DRAWN	DTD
			CHECKED	MAB
			APPROVED	JGR
2	REVISED PER CITY COMMENTS	JUN 12/19	MAB	
1	SITE PLAN SUBMISSION	MAR 22/19	MAB	
No.	REVISION	DATE	BY	

FOR REVIEW ONLY

LICENCED PROFESSIONAL ENGINEER
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10010005

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M.A. BISSETT
10010005

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CITY OF OTTAWA
FERNBANK CROSSING - BLOCK 135

GRADING PLAN

PROJECT No. 117089
REV 117089-GR
REV # 2
DRAWING No. 117089-GR

U:\01117089-GR\01117089-GR.dwg PLANS 01, Jun 12, 2019, 4:20pm, dmoore

D07-12-19-0053
PLAN #17927