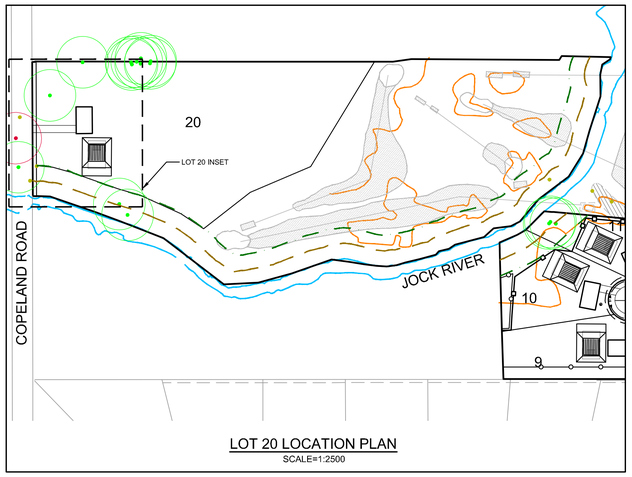

LOT 20 LOCATION PLAN
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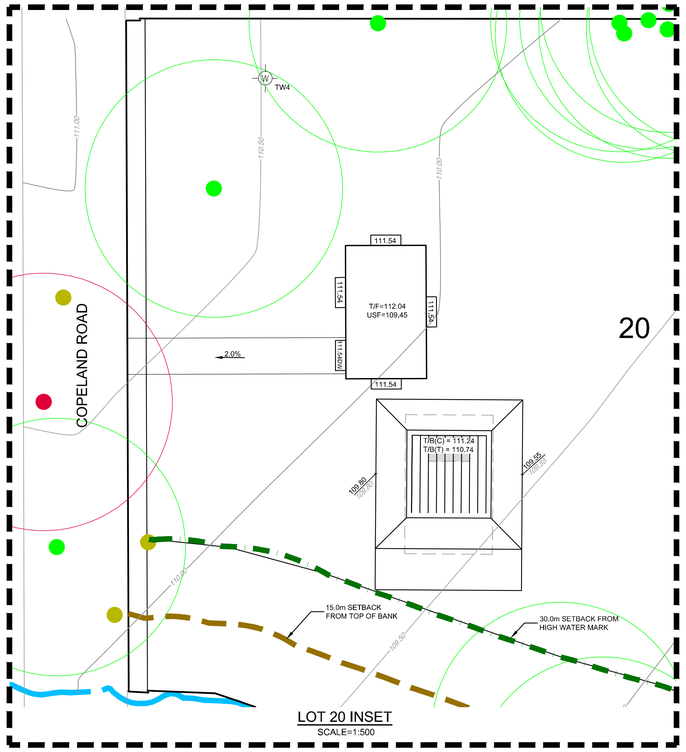

LOT 20 INSET
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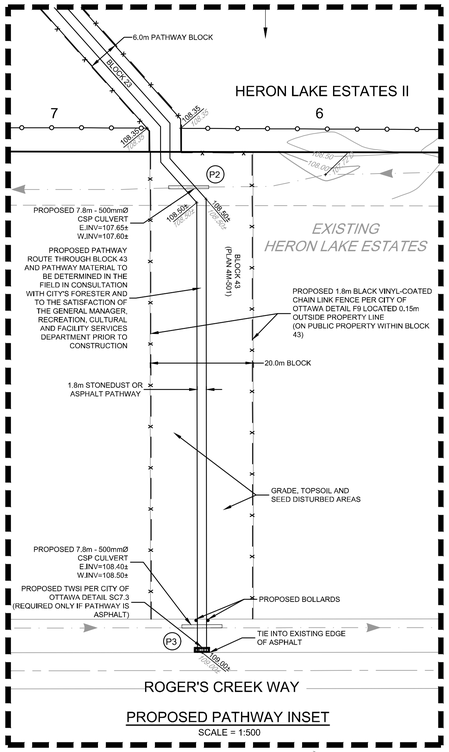

PROPOSED PATHWAY INSET
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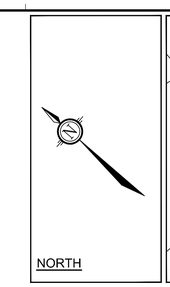

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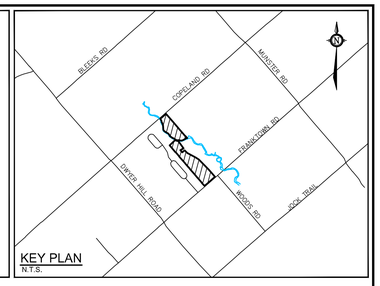

KEY PLAN
N.T.S.

LEGEND

- ℄ DITCH AND DIRECTION OF FLOW
- ℄ OUTLET DITCH WITH SUBDRAIN
- DRAINAGE EASEMENT
- PROPOSED CULVERT (REFER TO 109097-ND FOR DETAILS)
- PROPOSED WELL LOCATION
- APPROXIMATE TEST WELL LOCATION
- APPROXIMATE TEST WELL LOCATION (TO BE ABANDONED)
- PROPOSED MONITORING WELL LOCATION
- APPROXIMATE BOREHOLE LOCATION (GEMTEC 2019) WL= WATER LEVEL, R=REFUSAL
- PROPOSED SEPTIC ENVELOPE (CONVENTIONAL, 3000L/day)
- PROPOSED SEPTIC ENVELOPE (TYPE A, 3000L/day)
- T/F=142.58 TOP OF FOUNDATION ELEVATION
- USF=139.99 UNDERSIDE OF FOOTING ELEVATION
- T/B(C)=141.70 TOP OF BED ELEVATION (CONVENTIONAL)
- T/B(T)=141.20 TOP OF BED ELEVATION (TYPE A BED)
- 142.08 PROPOSED TERRACE GRADE
- 109.69DW PROPOSED TERRACE GRADE
- 3.0% PROPOSED GRADING DIRECTION AND SLOPE
- 140.54 / (141.50) PROPOSED ELEVATION / EXISTING ELEVATION
- 139.69 D PROPOSED DITCH ELEVATION
- 142.97 HP HIGH POINT
- 139.91 LP LOW POINT
- 139.69 PVI POINT OF VERTICAL INFLECTION
- 108.66 T/B TOP OF BERM ELEVATION
- TREE PROTECTION FENCE (CITY OF OTTAWA DETAIL F7) (REFER TO EIS AND TCP PREPARED BY MUNCASTER ENVIRONMENTAL PLANNING INC. FOR TREE RETENTION AREAS)
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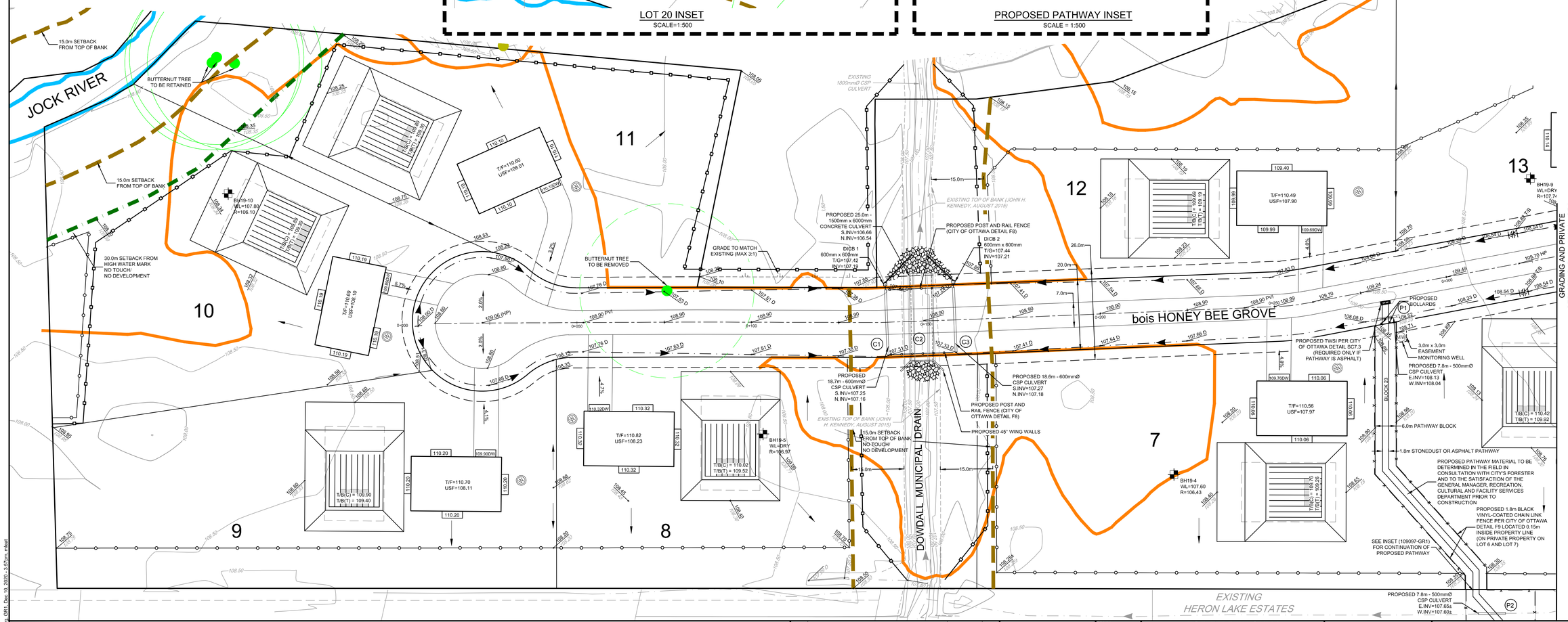
- JOCK RIVER NORMAL HIGH WATER MARK AND TOP OF BANK
- PERMANENT RIP RAP



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No.	REVISION	DATE	BY
7.	REVISIONS TO PATHWAY BLOCKS	DEC 10/20	LAB
6.	ISSUED FOR REGISTRATION (MUSF REMOVED)	AUG 25/20	AAR
5.	REVISED PER CITY COMMENTS	JUN 5/20	LKC
4.	REVISED PER COMMENTS	DEC 13/19	LKC
3.	ISSUED FOR PRELIMINARY CONSTRUCTION QUOTE / SWM MODELLING	NOV 6/19	LKC
2.	REVISED PER CITY COMMENTS	JUL 18/19	LKS
1.	ISSUED FOR REVIEW	APR 11/19	LKS

SCALE
1:500
1:500
0 5 10 15 20

DESIGN LAB
CHECKED SMG
DRAWN LKS
CHECKED LAB
APPROVED SMG

FOR REVIEW ONLY

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
8089 AND 8165 FRANKTOWN ROAD, CITY OF OTTAWA
HERON LAKE ESTATES II

DRAWING NAME
GRADING AND PRIVATE SERVICING PLAN

PROJECT No. 109097
REV REV # 7
DRAWING No. 109097-GR1

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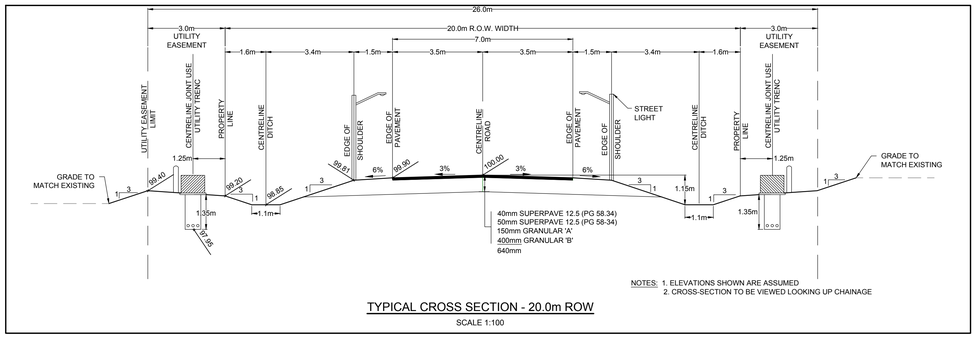
© NOVATECH, 2020 - 1:1(Plotted at 1:500)



NOTES: 1. ELEVATIONS SHOWN ARE ASSUMED
2. CROSS-SECTION TO BE VIEWED LOOKING UP CHAINAGE

TYPICAL CROSS SECTION - 20.0m ROW

SCALE 1:100

LEGEND

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- TW5 APPROXIMATE TEST WELL LOCATION (TO BE ABANDONED)
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- BH9 APPROXIMATE BOREHOLE LOCATION (GEMTEC 2019) WL= WATER LEVEL, R=REFUSAL
- PROPOSED SEPTIC ENVELOPE (CONVENTIONAL, 3000L/day)
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- T/F=142.58 TOP OF FOUNDATION ELEVATION
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- T/B(C)=141.70 TOP OF BED ELEVATION (CONVENTIONAL)
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- 142.08 PROPOSED TERRACE GRADE
- 109.69DW PROPOSED TERRACE GRADE
- 3.0% PROPOSED GRADING DIRECTION AND SLOPE
- 140.54 / 140.00 PROPOSED ELEVATION; EXISTING ELEVATION
- 139.69 D PROPOSED DITCH ELEVATION
- 142.97 HP HIGH POINT
- 139.91 LP LOW POINT
- 139.69 PVI POINT OF VERTICAL INFLECTION
- 108.68 TB TOP OF BERM ELEVATION
- TREE PROTECTION FENCE (CITY OF OTTAWA DETAIL F7) (REFER TO EIS AND TCP PREPARED BY MUNCASTER ENVIRONMENTAL PLANNING INC. FOR TREE RETENTION AREAS)
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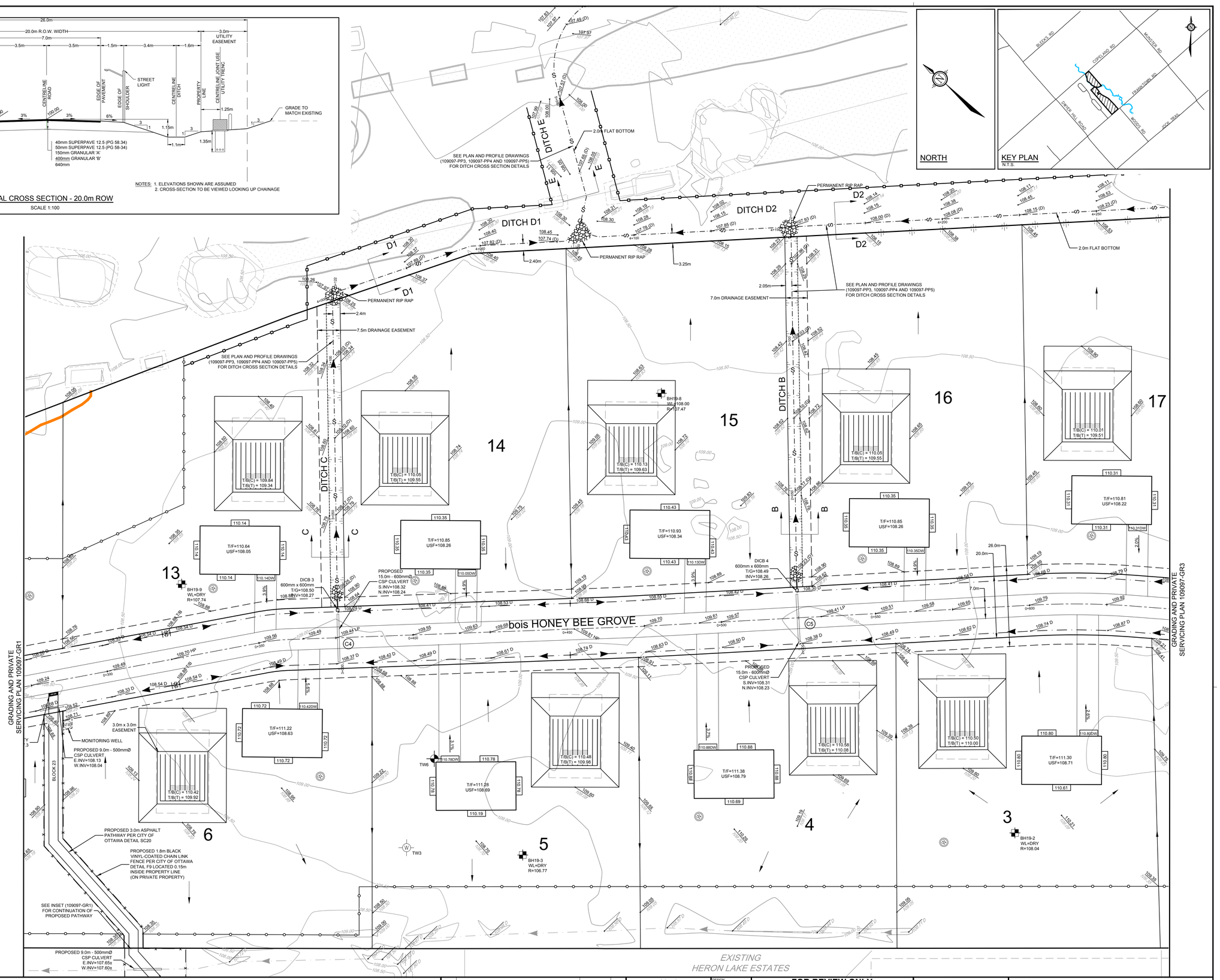

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1.	ISSUED FOR REVIEW	APR 11/19	LKS

SCALE 1:500

DESIGN LAB
CHECKED SMG
DRAWN LKS
CHECKED LAB
APPROVED SMG

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER S.M. GORDON PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER L.A. BOWLEY 100081115 PROVINCE OF ONTARIO

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LOCATION
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HERON LAKE ESTATES II

DRAWING NAME
GRADING AND PRIVATE SERVICING PLAN

PROJECT No. 109097
REV REV # 6
DRAWING No. 109097-GR2

PLANB1.DWG - 1000mmx707mm

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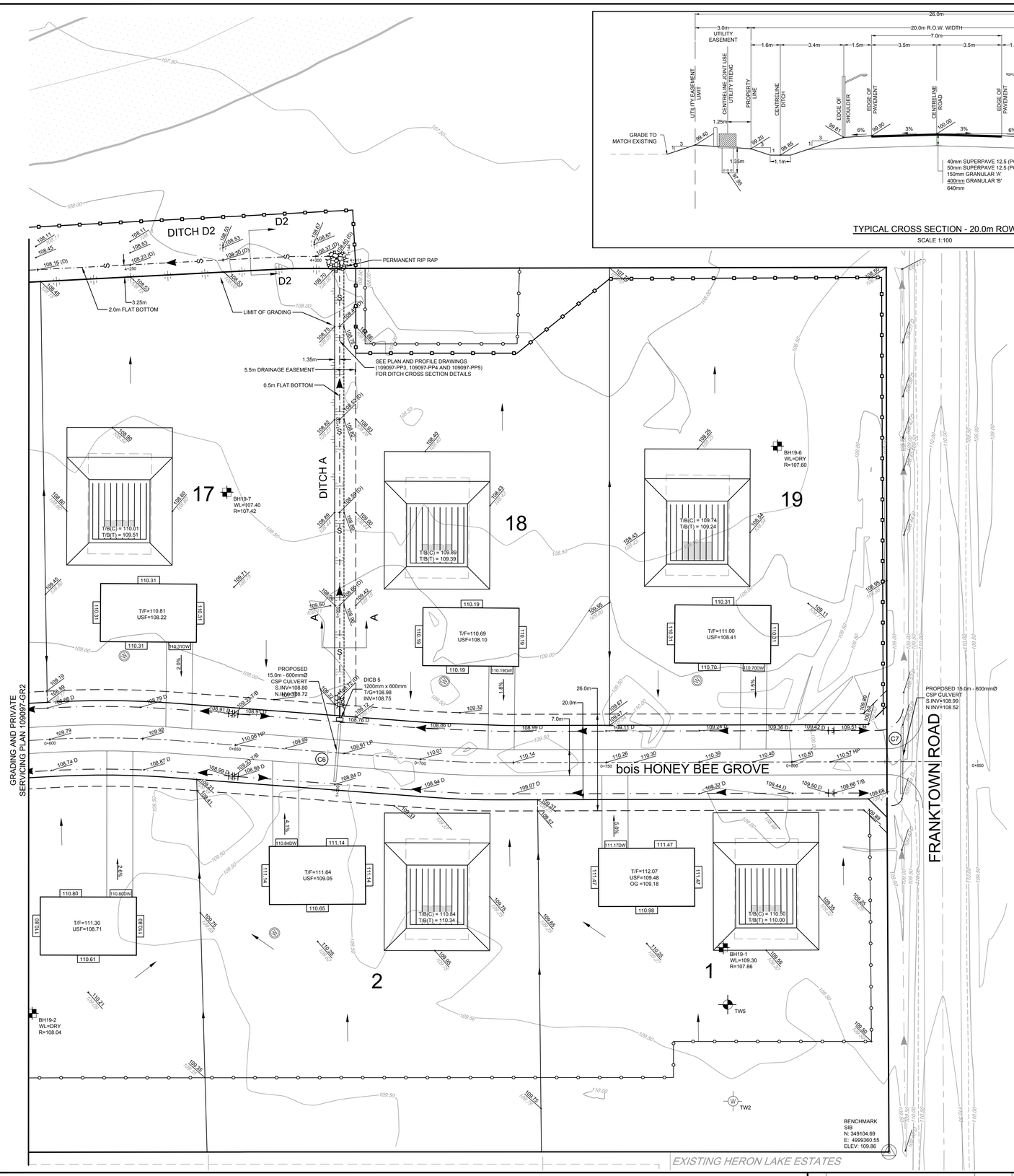

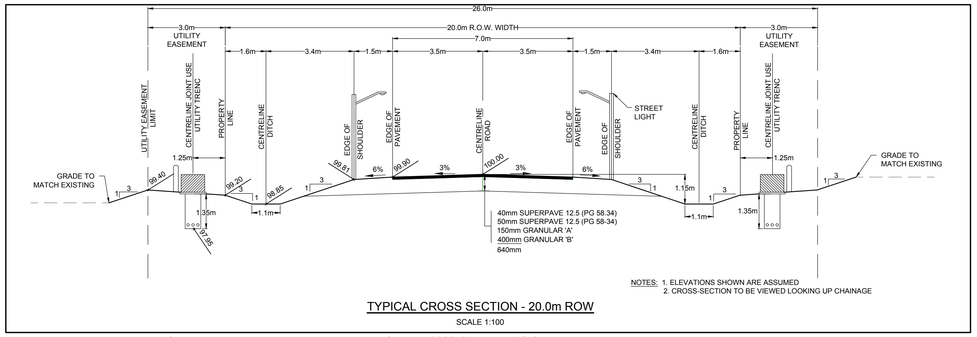

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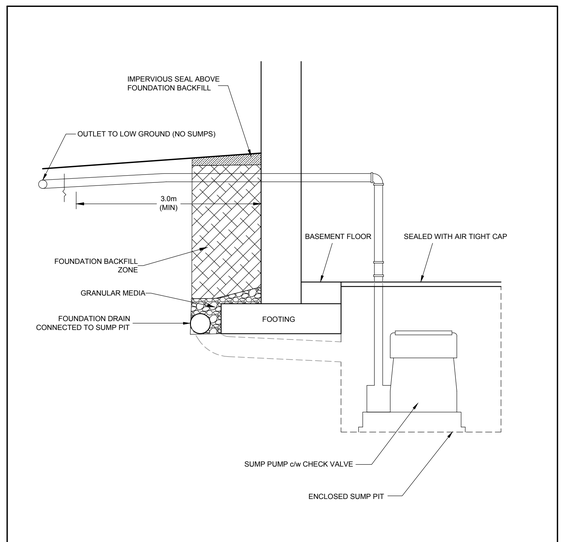
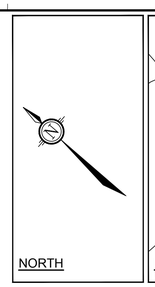
SCALE 1:100

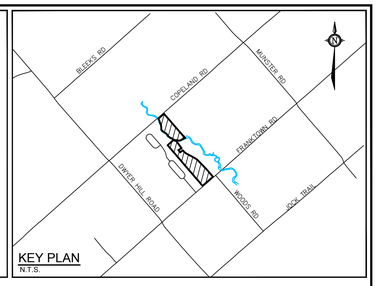


ALL HOUSES REQUIRE SUMP PUMPS. ADDITIONAL SUMP PUMP DETAILS ARE PROVIDED ON NOTES AND DETAILS SHEET 109097-ND.

SUMP PUMP DETAIL

NOT TO SCALE





KEY PLAN
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SCALE 1:500

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DRAWING No. 109097-GR3

PLANB1.DWG - 1000mmx707mm

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