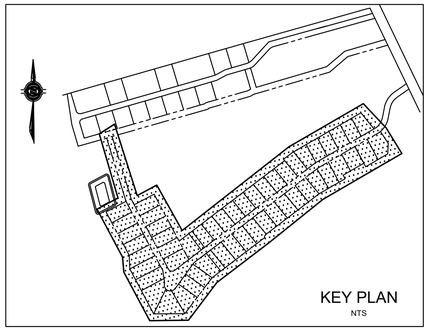


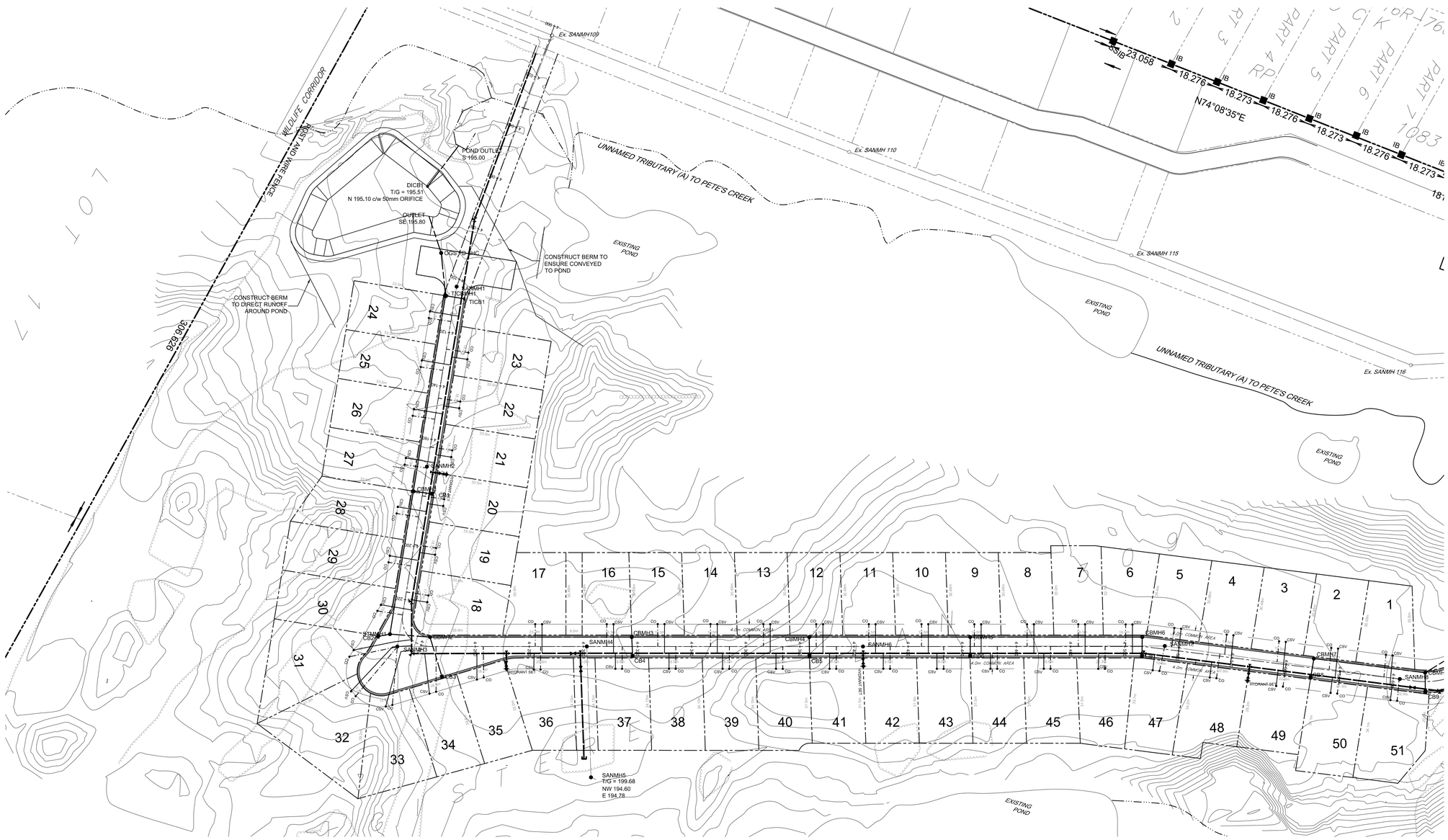
LEGEND

SUBDIVISION BOUNDARY		SANMH	PROPOSED SANITARY MANHOLE		EXISTING HYDRO GUY WIRE
PROPOSED RIGHT OF WAY		SANMH STMMH	EXISTING SANITARY MANHOLE	NP	EXISTING HYDRO POLE
PROPOSED PROPERTY LINES		STMMH	PROPOSED STORM MANHOLE	CATV	EXISTING CABLE TV PEDESTAL
EDGE OF EXISTING PAVEMENT		STMMH CBMH	EXISTING STORM MANHOLE	BRCD	EXISTING TELEPHONE PEDESTAL
EDGE OF EXISTING GRAVEL			PROPOSED CATCHBASIN MANHOLE	SIB	STANDARD IRON BAR
PROPOSED SANITARY SEWER		TICBMH	PROPOSED TWIN INLET CATCHBASIN MANHOLE	IB	IRON BAR
EXISTING SANITARY SEWER		TICB	PROPOSED TWIN INLET CATCHBASIN		EXISTING DECIDUOUS TREE
PROPOSED STORM SEWER		CB	PROPOSED CATCH BASIN		EXISTING CONIFEROUS TREE
EXISTING STORM SEWER		CB	EXISTING CATCH BASIN		EXISTING GAS MARKER
PROPOSED SUBDRAIN		DICB	PROPOSED DITCH INLET CATCHBASIN		EXISTING WELL
PROPOSED WATERMAIN		CO	PROPOSED SANITARY SERVICE CLEANOUT	BM	BENCHMARK
EXISTING WATERMAIN		CSV	PROPOSED CURB STOP VALVE	BH	BOREHOLE
PROPOSED SANITARY SERVICE		CSV	EXISTING CURB STOP VALVE	486.21	PROPOSED ELEVATION
PROPOSED WATER SERVICE		STM	PROPOSED STORM SERVICE	486.21	EXISTING ELEVATION
CATV — EXISTING UNDERGROUND TV CABLE			PROPOSED HYDRANT SET		ASPHALT REMOVAL
GAS — EXISTING UNDERGROUND GAS LINE		HYD	EXISTING FIRE HYDRANT	WV	PROPOSED GATE VALVE
H — EXISTING UNDERGROUND HYDRO CABLE			PROPOSED CAP C/W THRUST BLOCK		EXISTING GATE VALVE
T — EXISTING UNDERGROUND TELEPHONE CABLE			PROPOSED BLOWOFF		

CAUTION:
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

Notes

1. TOPOGRAPHIC INFORMATION DERIVED FROM FIELD SURVEY BY COBIDE ENGINEERING INC. COMPLETED ON NOV. 21, 25, AND DEC. 12, 2019.
2. SEE SHEET DET1 FOR TYPICAL ROAD CROSS SECTIONS AND PAVEMENT DESIGN.
3. ALL ORGANIC MATERIAL WITHIN 1.2m OF FINISHED PROFILE GRADE TO BE REMOVED FROM ALL AREAS UNDER THE TRAVELLED PORTION OF THE ROAD.
4. COVER OVER WATERMAIN 1.8m MINIMUM AT ALL POINTS INCLUDING WATER SERVICES. WATER SERVICES TO GO UNDER STORM SEWER WHERE 1.8m COVER CANNOT BE ACHIEVED BY GOING OVER TOP.
5. STORM SEWERS UP TO AND INCLUDING 900mmØ SHALL BE BOSS 2000. ALL STORM SEWERS 1050mmØ AND LARGER TO BE BOSS 3000.
6. STORM SEWERS TO BE PERFORATED HDPE IN 50mmØ WASHED CLEAR STONE WRAPPED IN NON-WOVEN GEOTEXTILE EXCEPT 3m ENTERING AND EXITING STORM STRUCTURES WHICH IS TO BE SOLID PIPE. SEE DETAIL SHEET.
7. SANITARY SEWER TO BE PVC SDR 35
8. ALL STORM CATCHBASINS TO HAVE A MINIMUM SUMP OF 600mm AND ALL STORM MANHOLES TO HAVE A MINIMUM SUMP OF 300mm .
9. MAINTAIN 2.50m CLEARANCE BETWEEN STORM/ SANITARY SEWER AND WATERMAIN.
10. ALL WATERMAINS TO BE PVC DR 18 WITH 19mmØ REHAU MUNICIPEX SERVICE TUBING FOR WATER SERVICES.
11. WATER SERVICES TO BE INSTALLED UNDER STORM SEWERS.
12. ALL HYDRANT SETS REQUIRE TEST POINT AND HYDRANT MARKER.
13. ALL JOINTS OF SANITARY MANHOLES TO BE CAULKED WITH MIN. 15mm BEAD, INSTALLED ON THE TOP OF JOINT OF EACH SECTION PRIOR TO ABOVE SECTION BEING INSTALLED. CAULKING TO BE SIKAFLEX 1A OR APPROVED EQUIVALENT.
14. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL STAMPED 'ISSUED FOR CONSTRUCTION'.
15. ALL CONSTRUCTION TO BE COMPLETED TO MUNICIPALITY OF MEAFORD ENGINEERING STANDARDS.



Benchmark Information

BM1
ON METAL POST SOUTH WEST CORNER OF DECK AT CLUB HOUSE.
ELEVATION 197.79m

BM2
TOP OF GRATE OF SANITARY MANHOLE (SANMH-109) AT THE INTERSECTION OF THE SERVICING ACCESS ROUTE FROM AREA A AND THE SANITARY EASEMENT FOR AREA B.
ELEVATION 196.61m

BM3
TOP OF SIB LOCATED ON THE SOUTH EAST CORNET OF HILTON HEAD HEIGHTS AND RIDGE ROAD.
ELEVATION 193.45m

No.	DATE	DESCRIPTION	BY	APPD
1	JUL 22/20	FIRST SUBMISSION	TLB	SJC

REVISION / ISSUE

Seal not valid unless signed and dated

LICENSED PROFESSIONAL ENGINEER
7/22/20
T. L. BURNSIDE
100199868
PROVINCE OF ONTARIO

COBIDE ENGINEERING INC
517 10th Street, Hanover, Ontario N4N 1R4
Telephone: (519) 506-5959
www.cobideeng.com

Title:
HILTON HEAD HEIGHTS
Municipality of Meaford
HILTON HEAD HEIGHTS
GENERAL SERVICING PLAN

Client: 1665426 ONTARIO INC.

Design:	LFP	Scale:	1:750
Drawn:	LFP	Approved:	
Checked:	TLB		
Date:	JAN 2020		Design Engineer

DRAWING No. 02703 -C1

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