

GEODETIC BM (SEE BELOW) ELEV. = m

SITE BENCHMARK ELEV. = 261.55m
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO THE TOP NUT ON A FIRE HYDRANT AT THE INTERSECTION OF ELIZABETH STREET AND MILL STREET.

NOTE TO CONTRACTOR :
DO NOT SCALE DRAWINGS.
CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

NOTE:
1. INVERTS DENOTED WITH "±" ARE TAKEN FROM AS-RECORDED PLAN AND PROFILE DRAWINGS COMPLETED BY MARSHALL MACKLIN MONAGHAN CONSULTING ENGINEERS DATED MAY, 1999 AND BURNSIDE DATED JUNE 3, 2005 AND CONSIDERED APPROXIMATE ONLY. CONTRACTOR TO FIELD VERIFY AND REPORT ANY DISCREPANCIES TO ENGINEER.

LEGEND OF EXISTING FEATURES

- SITE BOUNDARY
- EXISTING SPOT ELEVATIONS
- Ex. 300mm SAN --- Ex. MH --- EXISTING SANITARY SEWER
- Ex. 200mm WTM --- Ex. HYD. SET --- EXISTING WATERMAIN
- Ex. 375mm STM --- Ex. MH --- EXISTING STORM SEWER
- EXISTING CURB
- EXISTING BUILDING
- EXISTING MAN DOOR
- EXISTING FENCE
- X (R) REMOVALS
- HARD SURFACE REMOVALS
- VEGETATION REMOVALS

8.		
7.		
6.		
5.		
4.		
3.		
2.	Revised per Township comments	ASJ 2022-03-04
1.	ISSUED FOR SPA	CSM 2021-03-15
No.	REVISION	BY YYYY-MM-DD

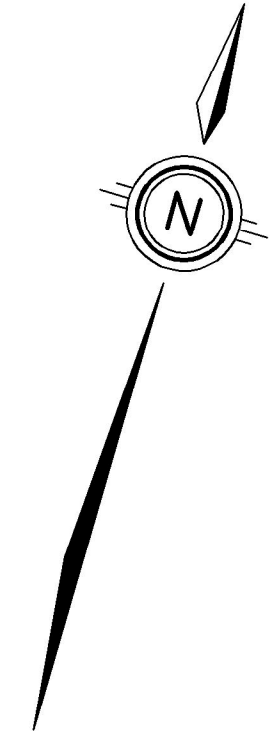


519-743-6500



CLIENT
DICKINSON+HICKS
45 MILL STREET ORANGEVILLE
PROJECT
143-145 MILL STREET
CREEMORE

DRAWING REMOVALS PLAN	
Project Manager A. SLAWICH	Project No. 47753-200
Design By	Checked By
Drawn By SXW/NND	Checked By LEI
Surveyed By MTE	Drawing No.
Date Jan. 18/21	C1.1
Scale 1:200	Sheet 1 of 4



GEODETIC BM (SEE BELOW) ELEV. = m

SITE BENCHMARK ELEV. = 261.55m
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO THE TOP NUT ON A FIRE HYDRANT AT THE INTERSECTION OF ELIZABETH STREET AND MILL STREET.

NOTE TO CONTRACTOR :
DO NOT SCALE DRAWINGS.

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

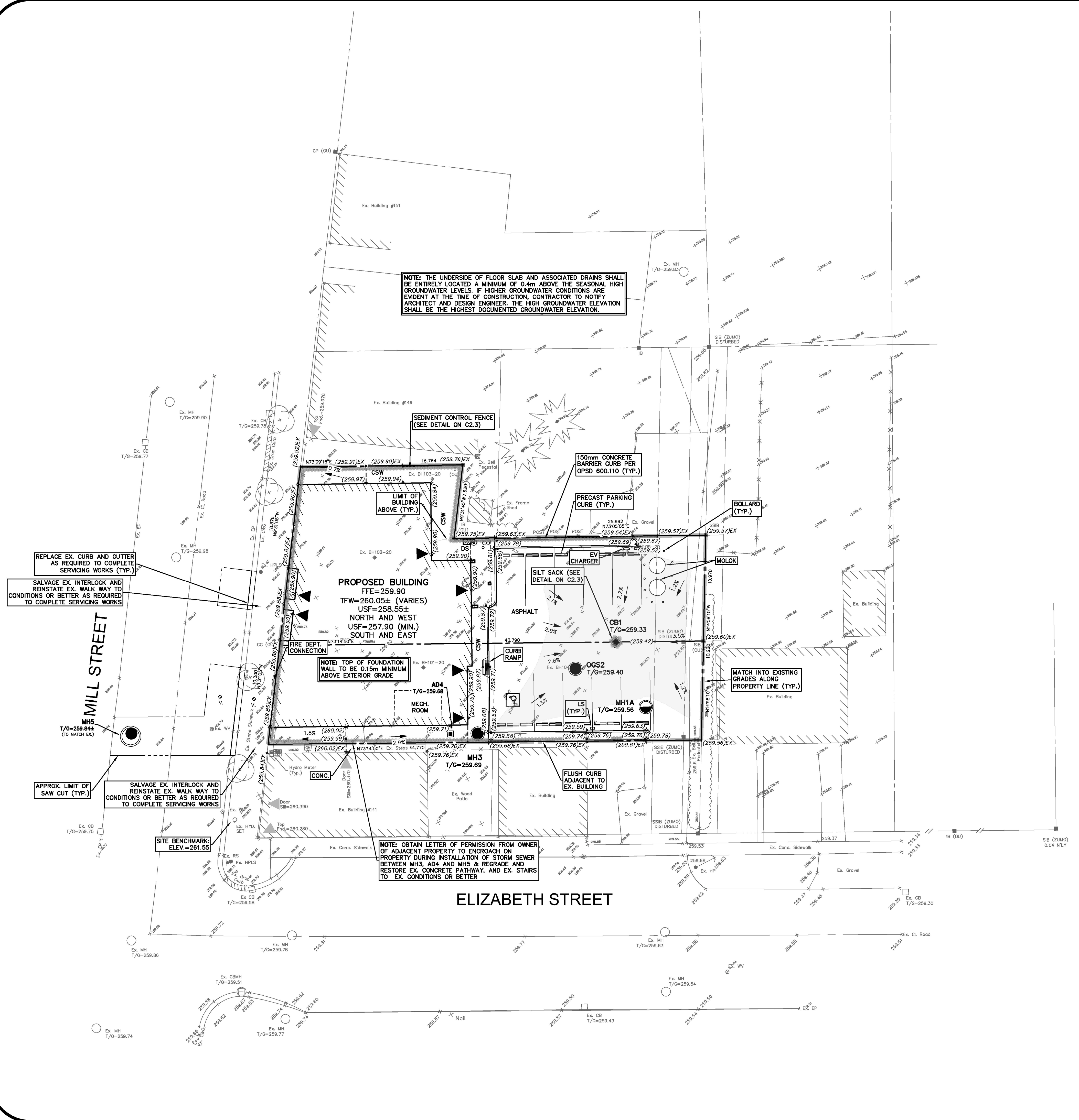
NOTE:
1. INVERTS DENOTED WITH "I:" ARE TAKEN FROM AS-RECORDED PLAN AND PROFILE DRAWINGS COMPLETED BY MARSHALL MACKLIN MONAGHAN CONSULTING ENGINEERS DATED MAY, 1999 AND BURNSIDE DATED JUNE 3, 2005 AND CONSIDERED APPROXIMATE ONLY. CONTRACTOR TO FIELD VERIFY AND REPORT ANY DISCREPANCIES TO ENGINEER.

LEGEND OF EXISTING FEATURES

- SITE BOUNDARY
- EXISTING SPOT ELEVATIONS
- EXISTING CURB
- EXISTING BUILDING
- EXISTING MAN DOOR

LEGEND OF PROPOSED FEATURES

- PROPOSED SPOT ELEVATION
- EX = MAINTAIN EXISTING GRADE
- T/G = TOP OF CASTING/GRATE
- FFE = FINISHED FLOOR ELEVATION
- INV = INVERT ELEVATION
- DIRECTION OF DRAINAGE
- DRAINAGE SPLIT (RIDGE)
- EMBANKMENT (SLOPE AS NOTED)
- PROPOSED BUILDING
- MAN DOOR
- CONCRETE CURB (DROP CURB)
- BOLLARD
- 100 YEAR PONDING LIMIT (ELEVATION=259.531m)
- CLEAN OUT (SEE DETAIL ON C2.3)
- CURB STOP
- PROPOSED DOWNSPOUT (SEE CONNECTION DETAIL ON C2.3)



NOTE: THE UNDERSIDE OF FLOOR SLAB AND ASSOCIATED DRAINS SHALL BE ENTIRELY LOCATED A MINIMUM OF 0.4m ABOVE THE SEASONAL HIGH GROUNDWATER LEVELS. IF HIGHER GROUNDWATER CONDITIONS ARE EVIDENT AT THE TIME OF CONSTRUCTION, CONTRACTOR TO NOTIFY ARCHITECT AND DESIGN ENGINEER. THE HIGH GROUNDWATER ELEVATION SHALL BE THE HIGHEST DOCUMENTED GROUNDWATER ELEVATION.

SEDIMENT CONTROL FENCE (SEE DETAIL ON C2.3)

150mm CONCRETE BARRIER CURB PER OPSD 600.110 (TYP.)

PRECAST PARKING CURB (TYP.)

EV CHARGER

SILT SACK (SEE DETAIL ON C2.3)

PROPOSED BUILDING
FFE=259.90
TFW=260.05± (VARIES)
USF=258.55±
NORTH AND WEST
USF=257.90 (MIN.)
SOUTH AND EAST

NOTE: TOP OF FOUNDATION WALL TO BE 0.15m MINIMUM ABOVE EXTERIOR GRADE

OGS2
T/G=259.40

LS (TYP.)

MH1A
T/G=259.56

MH3
T/G=259.69

NOTE: OBTAIN LETTER OF PERMISSION FROM OWNER OF ADJACENT PROPERTY TO ENCRACH ON PROPERTY DURING INSTALLATION OF STORM SEWER BETWEEN MH3, AD4 AND MH5 & REGRADE AND RESTORE EX. CONCRETE PATHWAY, AND EX. STAIRS TO EX. CONDITIONS OR BETTER

REPLACE EX. CURB AND GUTTER AS REQUIRED TO COMPLETE SERVICING WORKS (TYP.)

SALVAGE EX. INTERLOCK AND REINSTATE EX. WALK WAY TO CONDITIONS OR BETTER AS REQUIRED TO COMPLETE SERVICING WORKS

MILL STREET

MH5
T/G=259.84±
(TO MATCH EX.)

SALVAGE EX. INTERLOCK AND REINSTATE EX. WALK WAY TO CONDITIONS OR BETTER AS REQUIRED TO COMPLETE SERVICING WORKS

APPROX. LIMIT OF SAW CUT (TYP.)

SITE BENCHMARK
ELEV.=261.55

ELIZABETH STREET

8.		
7.		
6.		
5.		
4.		
3.		
2.	Revised per Township comments	AS 2022-03-04
1.	ISSUED FOR SPA	CSM 2021-03-15
No.	REVISION	BY YYYY-MM-DD



519-743-6500



CLIENT
DICKINSON+HICKS
45 MILL STREET ORANGEVILLE
PROJECT
143-145 MILL STREET
CREEMORE

DRAWING
SITE GRADING, SWM AND EROSION & SEDIMENT CONTROL PLAN

Project Manager	A. SLAWICH	Project No.	47753-200
Design By	AJS	Checked By	LEI
Drawn By	NND/AJS	Checked By	LEI
Surveyed By	MTE	Drawing No.	C2.1
Date	Jan.22/21	Scale	1:200
Scale	1:200	Sheet	2 of 4

P:\47753\200\47753-200-C2
MTE FILE PATH:
March 4, 2022 2:31:40 PM - Plotted By: Adam Slawich

SEWER CROSSING CHART			
CROSSING #	SEWER TYPE	SEWER SIZE (mm#)	CROSSING ELEVATION
X1	STM	300	INV=258.217
	EX. SAN	200	OBV=257.47±
X2	STM	300	INV=258.228
	EX. WTM	250	EX. OBV=258.15± PROP. OBV=257.72±
X3	STM	300	INV=258.393
	SAN	150	OBV=257.644
X4	STM	150	INV=258.540
	SAN	150	OBV=257.630

NOTE:
1) Maintain minimum 0.5m vertical clearance between all watermains and sewers. Where watermain is deflected, ensure 2.0m cover is achieved or watermain is installed.
2) Maintain vertical clearance at all other crossings.
3) Existing and proposed watermain depths are approximate only. Notify Design Engineer of any discrepancies.
4) Contractor to verify all existing inverts prior to product ordering. Notify Design Engineer of any discrepancies.



GEODETIC BM (SEE BELOW) ELEV. = m
SITE BENCHMARK ELEV. = 261.55m
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO THE TOP NUT ON A FIRE HYDRANT AT THE INTERSECTION OF ELIZABETH STREET AND MILL STREET.

NOTE TO CONTRACTOR :
DO NOT SCALE DRAWINGS.
CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.
THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

NOTE:
1. INVERTS DENOTED WITH "±" ARE TAKEN FROM AS-RECORDED PLAN AND PROFILE DRAWINGS COMPLETED BY MARSHALL MACKLIN MORGAN CONSULTING ENGINEERS DATED MAY, 1999 AND BURNSIDE DATED JUNE 3, 2005 AND CONSIDERED APPROXIMATE ONLY. CONTRACTOR TO FIELD VERIFY AND REPORT ANY DISCREPANCIES TO ENGINEER.

LEGEND OF EXISTING FEATURES

- SITE BOUNDARY
- Ex. 300mm# SAN --- Ex. MH --- EXISTING SANITARY SEWER
- Ex. 200mm# WTM --- Ex. HYD. SET --- EXISTING WATERMAIN
- Ex. 375mm# STM --- Ex. MH --- EXISTING STORM SEWER
- EXISTING CURB
- EXISTING BUILDING
- ▲ EXISTING MAN DOOR

LEGEND OF PROPOSED FEATURES

- PROPOSED BUILDING
- ▲ MAN DOOR
- CONCRETE CURB (DROP CURB)
- EMBANKMENT (SLOPE AS NOTED)
- SAW CUT
- MH 14.6m-200mm# SAN @ 1.5% --- SANITARY SEWER
- MH 21.3m-300mm# STM @ 1.3% --- STORM SEWER
- WATERMAIN
- SHALLOW PIPE INSULATION (SEE DETAIL ON C2.3)
- BOLLARD
- CO CLEAN OUT (SEE DETAIL ON C2.3)
- CS CURB STOP
- ⊙ DS PROPOSED DOWNSPOUT (SEE CONNECTION DETAIL ON C2.3)

8.		
7.		
6.		
5.		
4.		
3.		
2.	Revised per Township comments	AS 2022-03-04
1.	ISSUED FOR SPA	CSM 2021-03-15
No.	REVISION	BY YYYY-MM-DD



519-743-6500



CLIENT
DICKINSON+HICKS
45 MILL STREET ORANGEVILLE
PROJECT
143-145 MILL STREET
CREEMORE

DRAWING SITE SERVICING PLAN	
Project Manager A. SLAWICH	Project No. 47753-200
Design By AJS	Checked By LEI
Drawn By NND/AJS	Checked By LEI
Surveyed By MTE	Drawing No. C2.2
Date Jan.22/21	Scale 1:200
Sheet 3 of 4	

