



GEODETIC BM ELEV. = 323.108m
 TABLET SET IN WEST FACE OF THREE STOREY 96/100 KING STREET S, 0.15m SOUTH OF NORTHWEST CORNER, 0.010m ABOVE SIDEWALK LEVEL, APPROXIMATELY 80m SOUTH OF HERBERT STREET ON EAST SIDE OF KING STREET SOUTH.

SITE BENCHMARK ELEV. = 327.267m
 TOP OF HYDRANT, CORNER OF KING STREET SOUTH AND GEORGE ST.

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. PROPERTY-LINE IS APPROXIMATE ONLY.
 2. INVERTS DENOTED WITH "±" ARE TAKEN FROM AS-RECORDED PLAN AND PROFILE DRAWINGS COMPLETED BY THE REGION OF WATERLOO, DATED OCTOBER 31, 2017, AND ARE CONSIDERED APPROXIMATE ONLY. CONTRACTOR TO FIELD VERIFY AND REPORT ANY DISCREPANCIES TO ENGINEER.

LEGEND OF EXISTING FEATURES

- SITE BOUNDARY
- - - EXISTING CONTOURS
- Ex. 300mm SAN --- Ex. MH --- EXISTING SANITARY SEWER
- Ex. 200mm WTM --- Ex. HYD. SET --- EXISTING WATERMAIN
- Ex. 375mm STM --- Ex. MH --- EXISTING STORM SEWER
- Ex. Drop Curb --- EXISTING CURB
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING RETAINING WALL
- ▲ EXISTING MAN DOOR
- EXISTING FLOODLINE LIMIT (ELEVATION=324.52)
- EXISTING PARKING BLOCK

LEGEND OF PROPOSED FEATURES

- PROPOSED BUILDING
- ▲ MAN DOOR
- CONCRETE CURB (DROP CURB)
- ± (326.00)
 T/G=326.00
 FFE=326.00
 --- DIRECTION OF DRAINAGE/SWALE
- DRAINAGE SPLIT (RIDGE)
- EMBANKMENT (SLOPE AS NOTED)
- MH 14.6m-200mm SAN @ 1.5%
 MH 21.3m-300mm STM @ 1.3%
 --- SANITARY SEWER
- STORM SEWER
- HYD. SET --- WATERMAIN
- SHALLOW PIPE INSULATION (SEE DETAIL)
- FCRD
 --- FLOW CONTROL ROOF DRAIN ZURN MODEL Z105* SINGLE NOTCH (8.95 lpm/cm OF HEAD) *OR APPROVED EQUAL
- EXISTING DIRECTION OF DRAINAGE/SWALE
- OVERLAND FLOW ROUTE (MAJOR STORM)

8.			
7.			
6.			
5.			
4.			
3.			
2.	ISSUED WITH PSR	LKS	AUG.24/18
1.	ORCA MPE Added	LKS	AUG.20/18
No.	REVISION	BY	DATE

MTE
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LICENSED PROFESSIONAL ENGINEER
 J. P. LERCH
 100169016
 AUG 24/18
 PROVINCE OF ONTARIO

CLIENT
 MHBC PLANNING
 540 BINGEMANS CENTRE DRIVE SUITE 200 KITCHENER
 PROJECT
 164,168 KING STREET SOUTH & 8 GEORGE STREET DEVELOPMENT
 WATERLOO ONTARIO
FUNCTIONAL SITE GRADING AND SERVICING PLAN

Project Manager	L. SANFORD	Project No.	43070-101
Design By	MMJ	Checked By	JPL
Drawn By	BDT	Checked By	SCG
Surveyed By	CWT	Drawing No.	C2.1
Date	Aug.10/18	Scale	1:200
Sheet	2 of 2		