LEGEND

Symbol	Description
ST	EXISTING STORM SEWER
→ ST →	PROPOSED STORM SEWER W/ FLOW ARRO
S	EXISTING SANITARY SEWER
→ S →	PROPOSED SANITARY SEWER W/ FLOW ARROW
W	EXISTING WATERMAIN
W	PROPOSED WATERMAIN
D — — —	SANITARY LATERAL
Ⓜ	WATER METER
Ⓑ	BACK FLOW PREVENTER
▲	ENTRANCE
◭	OVERHEAD DOOR ENTRANCE
R#	NUMBER OF RISERS
AD	AREA DRAIN
APP	APPROACH
CB	CATCH BASIN
CBMH	CATCH BASIN MANHOLE
CCRB	CONCRETE CURB
DAD	DOUBLE AREA DRAIN
DCB	DOUBLE CATCH BASIN
DCBMH	DOUBLE CATCH BASIN MANHOLE
EX	EXISTING
EB	ELECTRICAL BOX
FH	FIRE HYDRANT

Abbreviation	Description
HP	HYDRO POLE
HH	HAND HOLE
HMH	HYDRO MANHOLE
LS	LIGHT STANDARD
LP	LIGHT POST
LA	LANDSCAPING AREA
MH	MANHOLE
MW	MONITORING WELL
SAN	SANITARY
STM	STORM
S/W	SIDEWALK
T/G	TOP OF GRATE
TL	TRAFFIC LIGHT
VC	VALVE CHAMBER

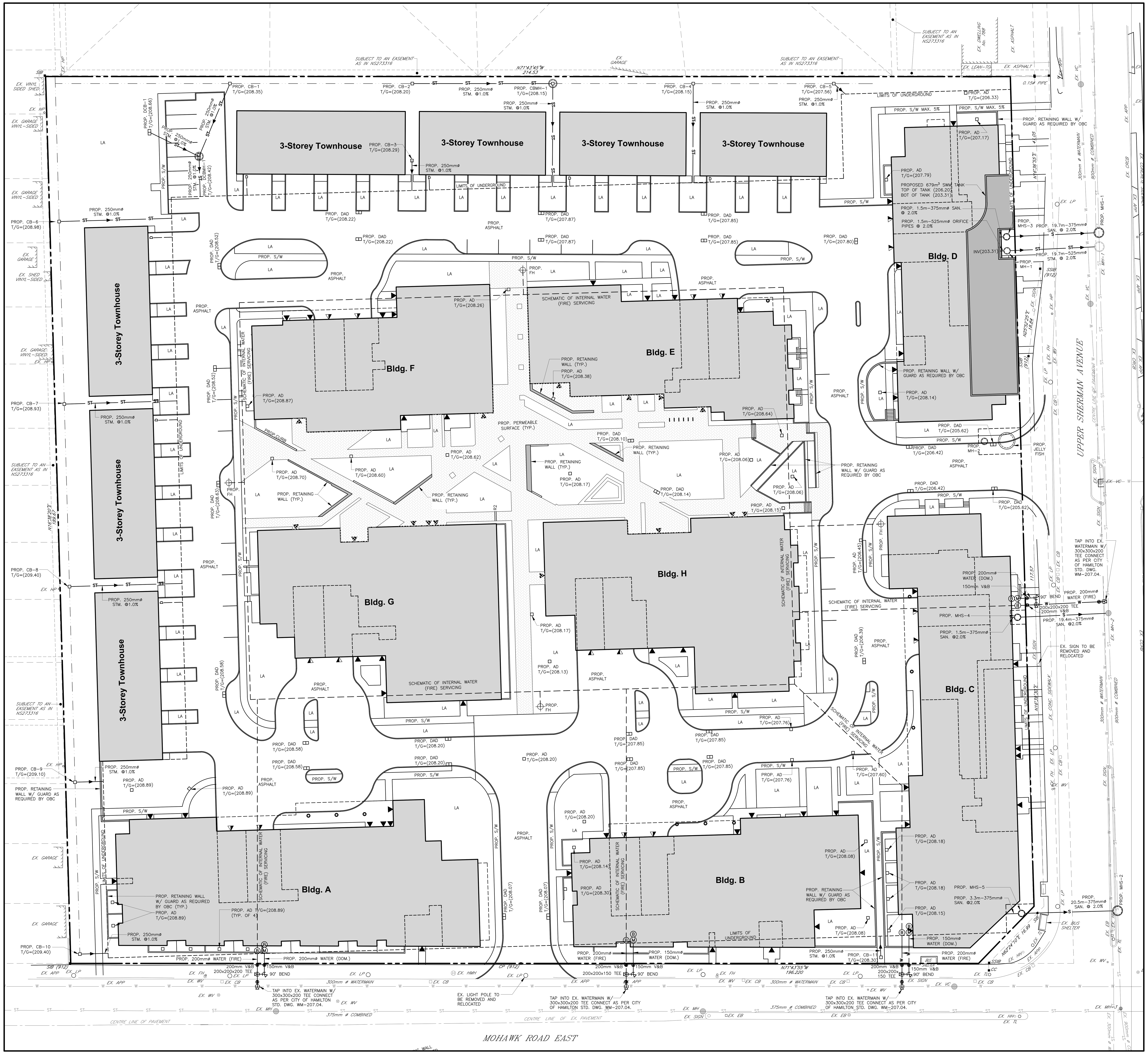
CONSTRUCTION NORTH

GENERAL SERVICING NOTES:

1. ALL SERVICES TO BE INSTALLED AS PER CITY OF HAMILTON CONSTRUCTION AND MATERIAL SPECIFICATIONS MANUAL (LATEST EDITION) AND MINISTRY OF THE ENVIRONMENT GUIDELINES (LATEST EDITION).
2. MINIMUM HORIZONTAL SEPARATION BETWEEN WATER SERVICES AND SEWERS SHALL BE 2.5m MEASURED FROM THE CLOSEST PIPE EDGE TO CLOSEST PIPE EDGE. VERTICAL SEPARATION BETWEEN WATERMAINS AND SEWERS WHICH CROSS MUST BE 0.5m BETWEEN THE OUTSIDE OF THE WATERMAIN AND THE OUTSIDE OF THE SEWER, WITH THE LENGTH OF THE WATER PIPE BEING CENTRED AT THE POINT OF CROSSING SUCH THAT JOINTS IN THE WATERMAIN WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER, CROSSING PERPENDICULAR IF POSSIBLE.
3. ALL WATER SERVICES TO BE INSTALLED WITH A MINIMUM OF 1.6m COVER. SEWERS TO BE INSTALLED WITH A MINIMUM COVER OF 2.20m AT THE PROPERTY LINE BELOW THE FINAL ROAD GRADE OR AT SUCH HIGHER ELEVATION ONLY AS MAY BE NECESSITATED BY THE LEVEL OF THE MAIN SEWER. ON PRIVATE PROPERTY THE MINIMUM COVER IS TO BE NO LESS THAN 1.2m.
4. RESTORATION OF ROAD OVER UTILITY CUTS IN HAMILTON TO BE AS PER STANDARD DRAWINGS RD–100.01 AND RD–100.02, WITH GRANULAR "A" BEDDING.
5. APPROVAL OF THIS DRAWING IS FOR MATERIAL ACCEPTABILITY AND COMPLIANCE WITH MUNICIPAL AND PROVINCIAL SPECIFICATIONS AND STANDARDS ONLY. APPROVAL AND INSPECTION BY THE CITY OF THE WORKS DOES NOT CERTIFY THE LINE AND GRADE OF THE WORKS AND IT IS THE OWNER'S RESPONSIBILITY TO HAVE THEIR ENGINEER CERTIFY THIS ACCORDINGLY.
6. ALL PROPOSED SERVICE ARE TO PASS BELOW EX. WATERMAINS, BY A MIN. OF 250mm, BASED ON THE TOP OF THE EX. WATERMAIN BEING 1.6m BELOW THE CENTERLINE OF ROAD.
7. ALL BUILDING SERVICE SIZES ARE TO BE CONFIRMED BY THE MECHANICAL ENGINEER AT BUILDING DESIGN PHASE.

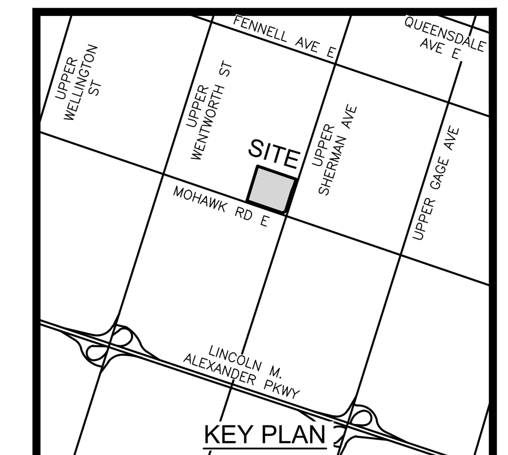
BEFORE STARTING WORK

1. THE CONTRACTOR SHALL NOTIFY THE CITY OF HAMILTON AND LANHACK CONSULTANTS INC. AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
2. THE POSITION OF THE POLE LINES, CONDUITS, WATERMAINS, SEWERS, AND OTHER UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.
3. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, ALL BENCHMARKS, ELEVATIONS, DIMENSIONS, AND GRADES MUST BE CHECKED BY THE CONTRACTOR AND ANY DISCREPANCIES REPORTED TO THE ENGINEER.
4. ALL EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE LOCATED, MARKED AND PROTECTED. ANY UTILITIES DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
5. AT LEAST TWO DIFFERENT BENCHMARKS MUST BE REFERRED TO AT ALL TIMES.



1 C2-1 **Preliminary Servicing Plan**

1 : 400



KEY PLAN

Contractor must verify all dimensions on the Project Site and report any discrepancies before proceeding with the Work.

This drawing is a part of the Contract Documents and is to be read in conjunction with all other Contract Documents.

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SOURCE
EXISTING BOUNDARY SURVEY AND TOPOGRAPHICAL INFORMATION OBTAINED FROM A.T. MCLAREN LIMITED. DWG. NO. – 36785, DATED – NOVEMBER 1, 2021.

BENCHMARK
MONUMNET NO. 0011965U059, ELEVATION=203.774
FRANKLIN RD SCHOOL, AT SOUTHWEST CORNER OF UPPER SHERMAN AVENUE AND FRANKLIN RD

THE POSITION OF THE POLE LINES, CONDUITS, WATERMAINS, SEWERS, AND OTHER UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

Revision Record

No.	Description	Date (m/d/y)
A	ZONING AND OFFICIAL PLAN AMENDMENT	09/14/22

Issue Record

No.	Description	Date (m/d/y)

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499 Mohawk Joint Venture

499 MOHAWK ROAD EAST
HAMILTON, ON

Date:	JUNE 2022
Drawn By:	GRW
Chkd By:	SMP
Scale:	1 : 400

Preliminary Servicing Plan

Project No.:	Drawing No.:	Rev.:
22020	C2-1	A

Plot Date: 09/14/22
M:\2022\22020 – 499 Mohawk Road East, NHDGI\Civil\22020_C01 – Grading and Servicing Plan.dwg