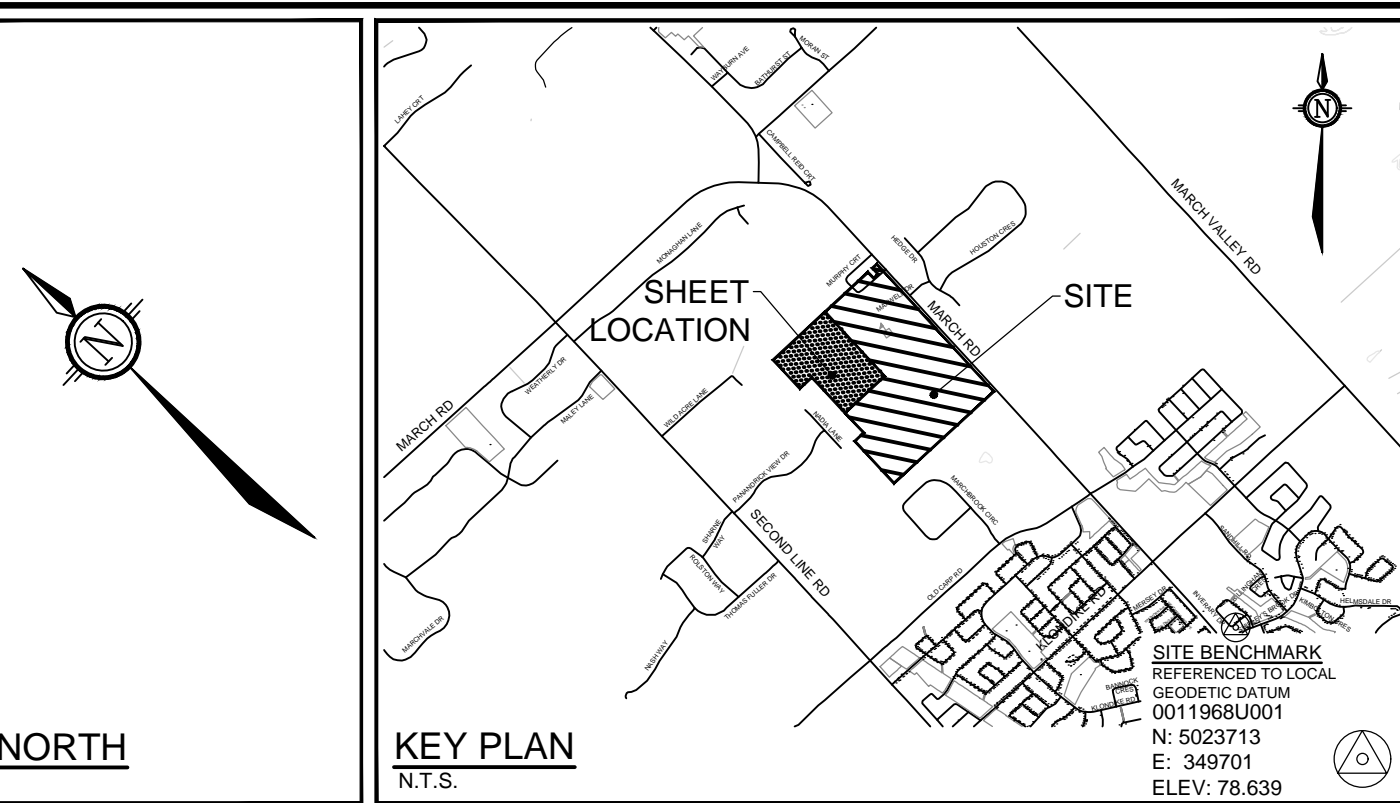
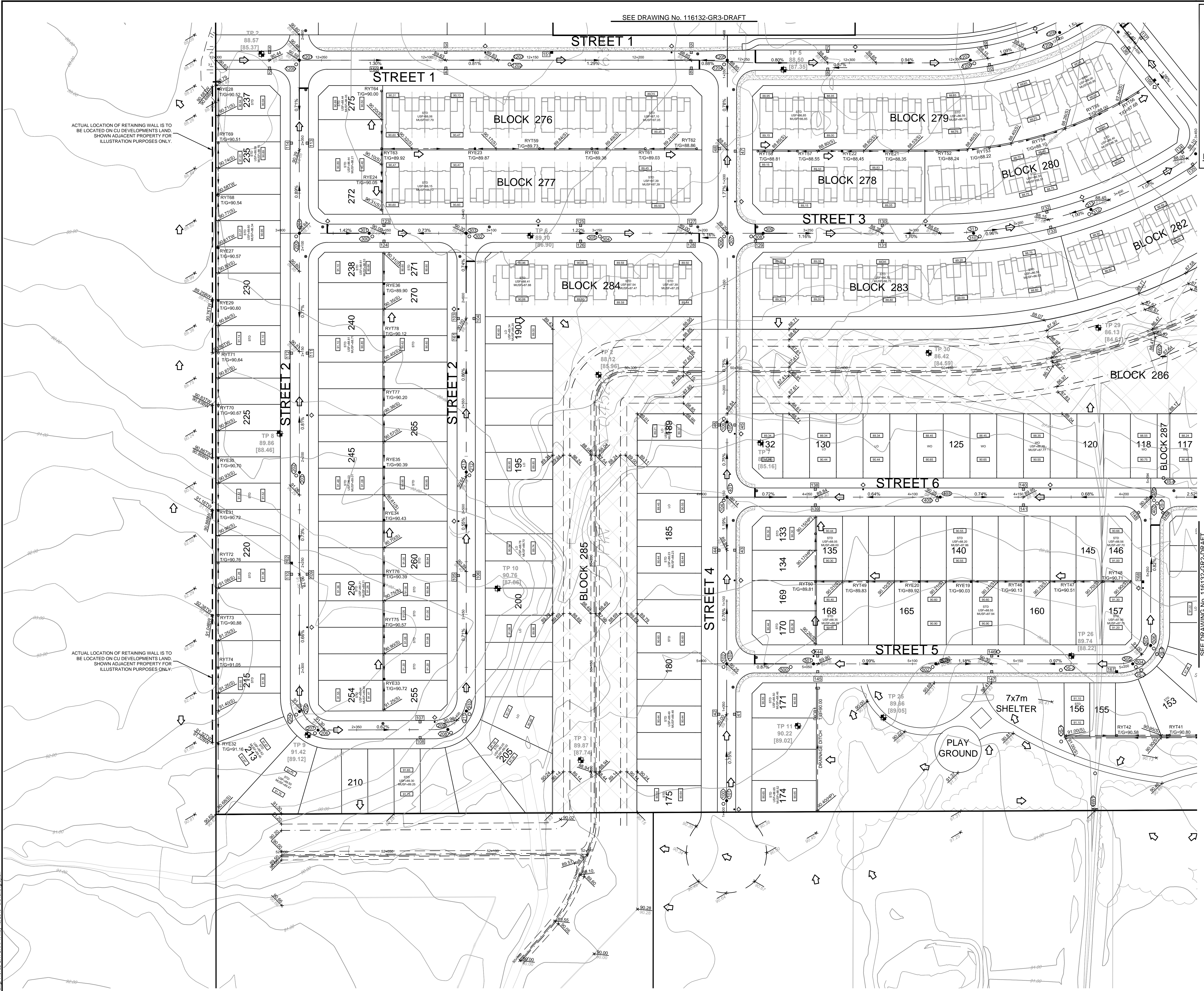


SEE DRAWING No. 116132-GR3-DRAFT



- LEGEND**
- PROPOSED ELEVATION
 - PROPOSED SWALE ELEVATION
 - PROPOSED BOTTOM OF WALL ELEVATION
 - PROPOSED TOP OF WALL ELEVATION
 - PROPOSED TERRACE ELEVATION
 - EXISTING TOPO SURFACE ELEVATION
 - PROPOSED SLOPE
 - PROPOSED STANDARD UNIT
 - PROPOSED LOOKOUT UNIT
 - PROPOSED WALKOUT UNIT
 - PROPOSED UNDERSIDE OF FOOTING ELEVATION
 - PROPOSED MINIMUM UNDERSIDE OF FOOTING ELEVATION
 - PROPOSED SWALE
 - PROPOSED CREEK BOTTOM OF SLOPE
 - PROPOSED CREEK TOP OF SLOPE
 - MAJOR OVERLAND FLOW
 - PROPOSED SANITARY MANHOLE
 - PROPOSED STORM MANHOLE
 - PROPOSED STORM MANHOLE & SEWER CONVEYING OFFSITE DRAINAGE
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED CATCHBASIN
 - PROPOSED REAR YARD CATCHBASIN & SUB-DRAIN
 - PROPOSED VALVE & VALVE BOX LOCATION
 - PROPOSED FIRE HYDRANT
 - IRON BAR & PROPERTY LINE
 - RIGHT OF WAY LIMITS
 - PROPOSED DEPRESSED CURB
 - PROPOSED BARRIER CURB
 - PROPOSED BARRIER CURB & SIDEWALK
 - PROPOSED HEAD WALL
 - PROPOSED RETAINING WALL
 - PROPOSED PEDESTRIAN CROSSOVER
 - PROPOSED PHASING LIMITS
 - EXISTING SIDE SLOPE
 - EXISTING DITCH
 - EXISTING SANITARY MANHOLE
 - EXISTING FIRE HYDRANT
 - EXISTING VALVE & VALVE BOX LOCATION
 - EXISTING VALVE & VALVE CHAMBER LOCATION
 - EXISTING UTILITY POLE
 - EXISTING OVER HEAD WIRE
 - EXISTING SIDEWALK
 - BOREHOLE WITH MONITORING WELL LOCATION, CURRENT INVESTIGATION
 - TEST PIT LOCATION, CURRENT INVESTIGATION
 - SENTINEL MONITORING WELL LOCATION, PATERSON GROUP REPORT PG3975, 2017
 - TEST PIT LOCATION, PATERSON GROUP REPORT PG2878, 2013
 - TEST PIT LOCATION, PATERSON GROUP REPORT PG1823, 2009
 - TEST PIT LOCATION, PATERSON GROUP REPORT PG1716, 2008
 - 83.20 GROUND SURFACE ELEVATION (m)
 - [81.7] BEDROCK SURFACE ELEVATION (m)



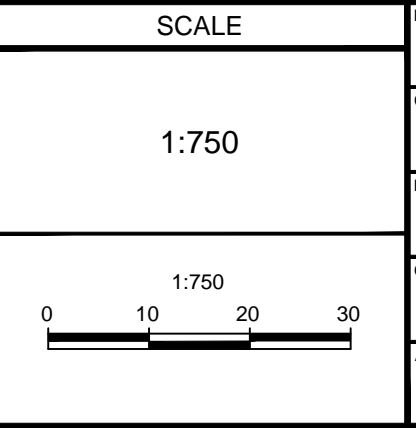
ACTUAL LOCATION OF RETAINING WALL IS TO BE LOCATED ON CU DEVELOPMENTS LAND, SHOWN ADJACENT PROPERTY FOR ILLUSTRATION PURPOSES ONLY.

ACTUAL LOCATION OF RETAINING WALL IS TO BE LOCATED ON CU DEVELOPMENTS LAND, SHOWN ADJACENT PROPERTY FOR ILLUSTRATION PURPOSES ONLY.

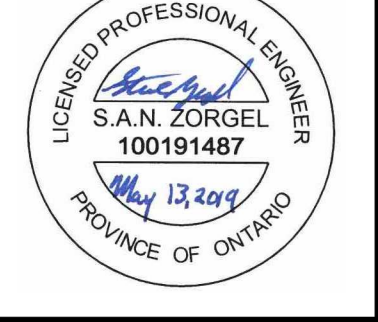
NOTE:
 THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	REVISION	DATE	BY
2	REVISED AS PER CITY OF OTTAWA COMMENTS	MAY 13/19	MSP
1	ISSUED FOR DRAFT PLAN OF SUBDIVISION APPLICATION	JULY 23/18	MSP



REVISION	SAZ	FOR REVIEW ONLY
CHECKED	SAZ	
DRAWN	DBB	
CHECKED	RBG	
APPROVED	SAZ	
	DBB	



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-ema.com

CITY OF OTTAWA
 CU DEVELOPMENTS INC.
 1053, 1075 AND 1145 MARCH ROAD
 DRAWING NAME
 GRADING PLAN

PROJECT NO.: 116132
 REV: #2
 DRAWING NO.: 116132 GR1-DRAFT

D07-16-18-0023

#17801