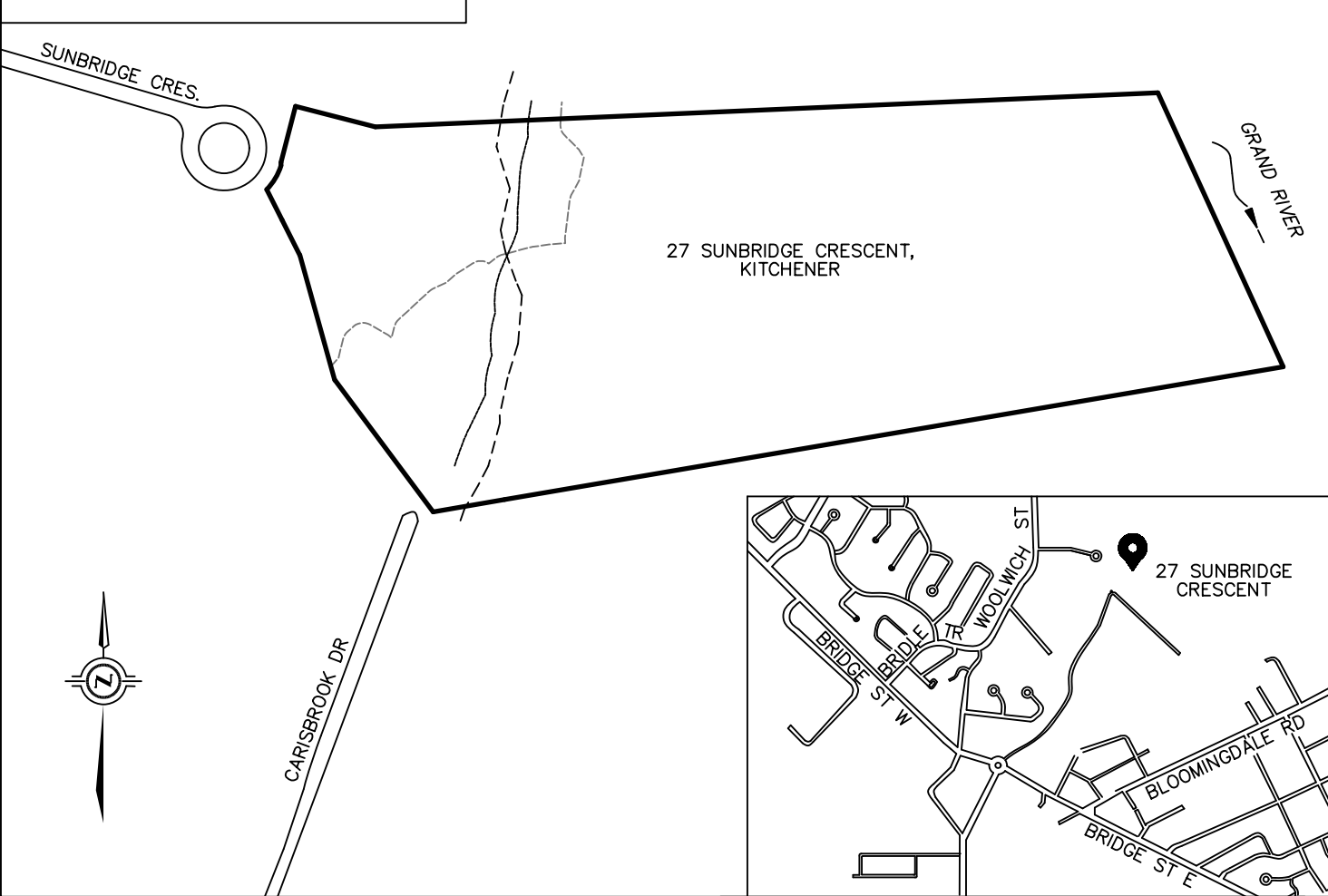


KEY PLAN- NOT TO SCALE



NOT FOR CONSTRUCTION

TOPOGRAPHIC SKETCH OF 27 SUNBRIDGE CRESCENT CITY OF KITCHENER REGIONAL MUNICIPALITY OF WATERLOO

SCALE 1 : 250

J.D. BARNES LIMITED

METRIC DISTANCES AND/OR COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

NOTES

HORIZONTAL REFERENCE FOR THIS DRAWING IS UTM GRID, DERIVED FROM REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010.0).

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999579.

GRCA WETLAND BUFFER AND WOODLAND BUFFER CONSTRAINTS, AS SHOWN HEREON WERE PROVIDED BY COUNTRY LANE BUILDERS, AND ARE THOSE SHOWN ON THEIR PRELIMINARY BUILDING PLANS, DATED: FEBRUARY 6, 2023.

PRELIMINARY FOUNDATION PLANS FOR THE PROPOSED BUILDING WAS PROVIDED BY COUNTRY LANE BUILDERS, DATED: FEBRUARY 10, 2023.

GROUND WATER ELEVATION DETERMINED BY CMT ENGINEERING INC. PROJECT 23-032, RELATING TO TIPS MEASURED FROM GROUND AT THE PEDESTAL ASSUMED AT 100.00m GROUND WATER AT 98.36m LOCAL ELEVATION; 309.68m GEODETIC ELEVATION.

RETAINING WALLS SHOWN ARE FOR PROVIDING A SAMPLE EXAMPLE ONLY. STAIRS CAN BE INSERTED AS WALL OPENINGS AS DESIRED. SUITABLE DRAINAGE FACILITIES NEED TO BE PROVIDED TO CARRY WATER THROUGH WALLS.

CULVERT CROSSINGS DESIGNED BY K.SMART ASSOCIATES LIMITED.

ELEVATION

ELEVATIONS ARE OF GEODETIC ORIGIN (CGVD-1928/1978), AND ARE DERIVED FROM GNSS OBSERVATIONS AND NATURAL RESOURCES CANADA'S GEOD MODEL HT2.0.

NOTE THE APPROXIMATE LOCATIONS OF THE FLOODLINE (ELEVATION 305.80m) IS SHOWN ON THE FACE OF THE PLAN.

PRIMARY CONTOURS ARE AT THE 1.00m INTERVAL;
SECONDARY CONTOURS ARE AT THE 0.25m INTERVAL

BENCHMARK

CUT CROSS ON THE CURB, LOCATED ALONG THE NORTHERLY LIMITS OF SUNBRIDGE CRESCENT ADJACENT TO THE SUBJECT PROPERTY; APPROXIMATELY 8.6m NORTHWEST OF THE SOUTHERN MOST BRICK PILLAR AND 10.9m SOUTHWEST FROM THE PVC CULVERT AS SHOWN ON THE FACE OF THE PLAN.

ELEVATION: 310.97m

LOT INFORMATION

LOT AREA: 3.68 Ha

LOT FRONTAGE: 38.56m

LEGEND

| | | |
|--|---------|--|
| | DENOTES | LOCAL BENCHMARK |
| | DENOTES | DIAMETER OF CULVERT |
| | DENOTES | INVERT OF ELEVATION |
| | DENOTES | DIAMETER OF TREE TRUNK IN METERS |
| | DENOTES | BOTTOM OF WALL |
| | DENOTES | TOP OF WALL |
| | DENOTES | TO BE REMOVED |
| | DENOTES | SUBJECT TO INSTRUMENT NUMBER |
| | DENOTES | TOP OF FOUNDATION |
| | DENOTES | MAIN FLOOR ELEVATION |
| | DENOTES | UNDERSIDE OF FOOTING ELEVATION |
| | DENOTES | RETAINING WALL |
| | DENOTES | CORE ENVIRONMENTAL FEATURE BOUNDARY (AS PER NATURAL RESOURCE SOLUTIONS INC.) |
| | DENOTES | CONIFEROUS TREE |
| | DENOTES | DECIDUOUS TREE |
| | DENOTES | EXISTING ELEVATION |
| | DENOTES | PROPOSED ELEVATION |
| | DENOTES | EXISTING ELEVATION TO BE RETAINED |

BEFORE DIGGING, UNDERGROUND SERVICES SHOULD BE LOCATED ON SITE BY THE RESPECTIVE AGENCIES.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE LOCAL BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED, AND THAT THE RELATIVE ELEVATIONS AGREE WITH THE INFORMATION PRESENTED ON THE FACE OF THE PLAN.

FIELD SURVEY COMPLETED ON THE 3rd DAY OF FEBRUARY, 2023

J.D. BARNES
LIMITED
SURVEYING
MAPPING
GIS
LAND INFORMATION SPECIALISTS
4373 KING ST. E. #101 KITCHENER, ON N2P 2J9
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| | | |
|--------------------|----------------|----------------------------|
| DRAWN BY: CB | CHECKED BY: GA | REFERENCE NO: 20-42-373-01 |
| PLOTTED: 4/17/2023 | | DATED: 04/17/2023 |