

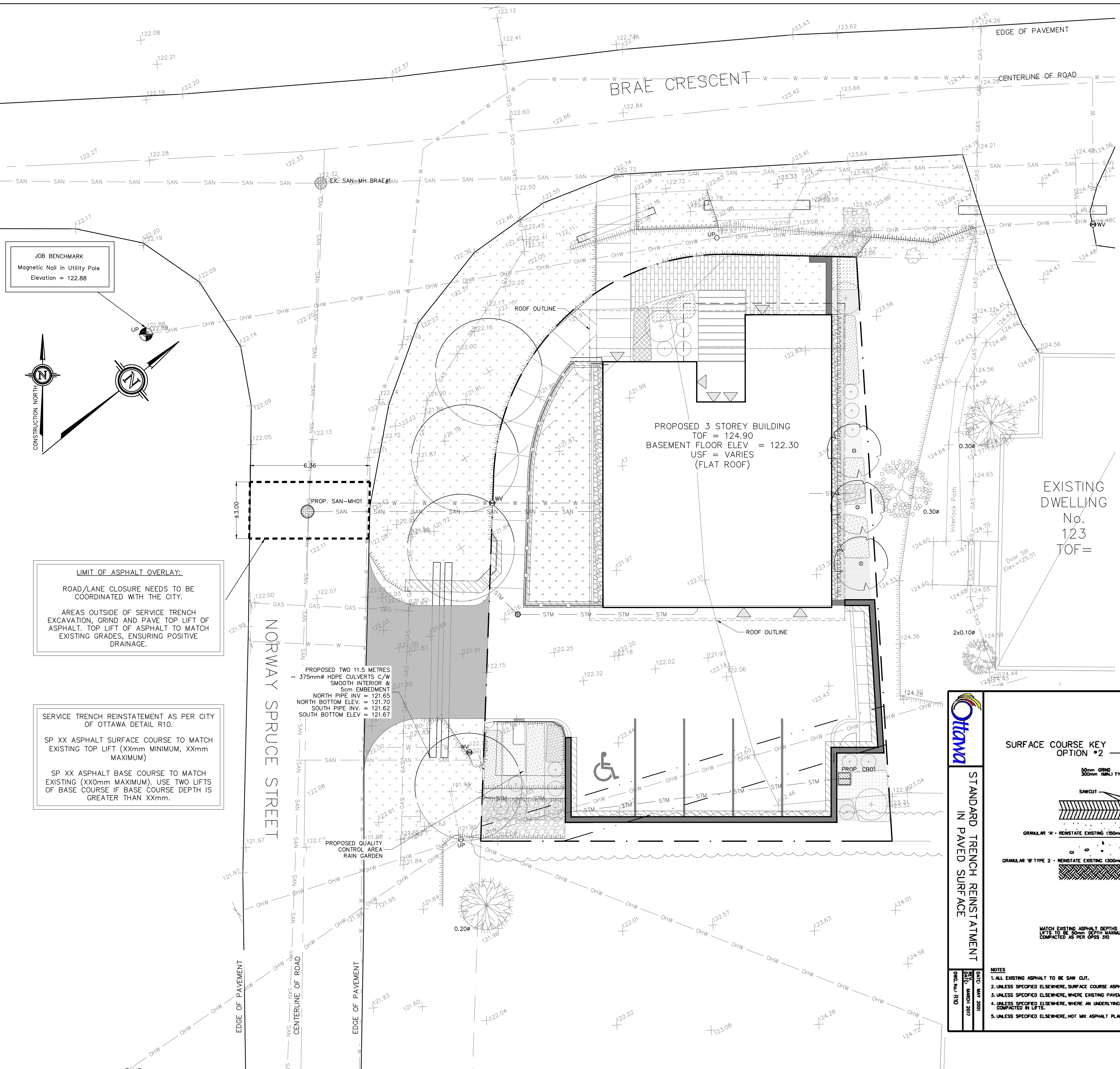
1:100 METRES

GENERAL NOTES:

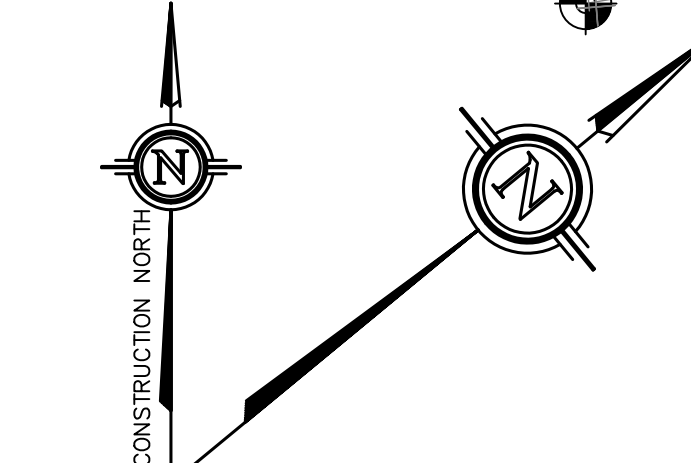
- All dimensions are in metres; all elevations are in metres and are geodetic. TBM = Nail in utility pole. Elevation = 122.88.
- This is not a legal survey. Boundary information was derived from topographic plan of survey of part 1, registered plan 528, City of Ottawa, by Arnis, O'Sullivan, Volebek Ltd. April 25, 2022.
- Contractor is responsible for location and protection of utilities.
- All dimensions to be verified on site by contractor prior to construction.
- Any changes made to this plan must be verified and approved by Kollaard Associates Inc.
- Client is responsible for acquiring all necessary permits. This drawing is not for construction until a building permit has been granted.
- The proposed grades have been set and verified for site grading control only. The grade raise at the building location should be verified with regard to subsurface conditions by qualified geotechnical personnel after completion of the excavation.
- The underside of footing elevation has been set based on the information available and may not have accounted for actual ground water conditions at the exact house location and should be verified by qualified geotechnical personnel upon completion of the excavation.
- A geotechnical engineer should be retained to provide recommendations with respect to the sub-grade conditions prior to footing installation.
- The owner agrees to prepare and implement an erosion and sediment control plan to the satisfaction of the City of Ottawa, appropriate to the site conditions, prior to undertaking any site alterations (filling, grading, removal of vegetation, etc.) and during all phases of site preparation and construction in accordance with the current Best Management Practices for Erosion and Sediment Control such as, but not limited to installing filter cloths across manhole/catchbasin lids to prevent sediments from entering structures and install and maintain a light duty silt fence barrier as required.
- Inspection of rough grade by Kollaard Associates Inc. and City of Ottawa must be conducted prior to placement of topsoil or sod.
- Hydro service to be installed according to the specifications of Ontario Hydro and the Mechanical Engineer.
- All materials and construction to be in accordance with City of Ottawa standards and Ontario Provincial Standards and Specifications.
- This drawing is part of Kollaard Associates design report # 220338.

**GENERAL LEGEND**

EXISTING ELEVATION	EXISTING HYDRO POLE
PROPOSED EXISTING ELEVATIONS	EXISTING HYDRO GUY WIRE ANCHOR
PROPOSED CURB ELEVATION	EXISTING FIRE HYDRANT
PROPOSED TOP OF GRATE ELEVATION	EXISTING WATER VALVE
PROPOSED CATCH BASIN TOP OF GRATE ELEVATION	PROPOSED WATER VALVE
PROPOSED SIDEWALK ELEVATION	EXISTING STORM MANHOLE
PROPOSED BOTTOM OF RETAINING WALL ELEVATION	EX. SAN-MH
PROPOSED ELEVATION	EXISTING SANITARY MANHOLE
WATERMAN	EX. VC
STORM SEWER	EXISTING VALVE CHAMBER
SANITARY SEWER	EX. CB
CENTRELINE OF ROAD	EXISTING CURB INLET CATCH BASIN
EDGE OF ROAD	EX. CB
TOP OF SLOPE	EXISTING CATCH BASIN
PROPERTY LINE	PROP. CB-MH
OVERHEAD WIRE	PROPOSED CATCH BASIN/MANHOLE
	PROP. CB
	PROP. ST-MH
	PROP. SAN-MH
	PROPOSED STORM MANHOLE
	TEMPORARY BENCHMARK
	BUILDING ENTRANCE LOCATION
	STREET SIGN
	SILT FENCE



**JOB BENCHMARK**  
Magnetic Nail in Utility Pole  
Elevation = 122.88



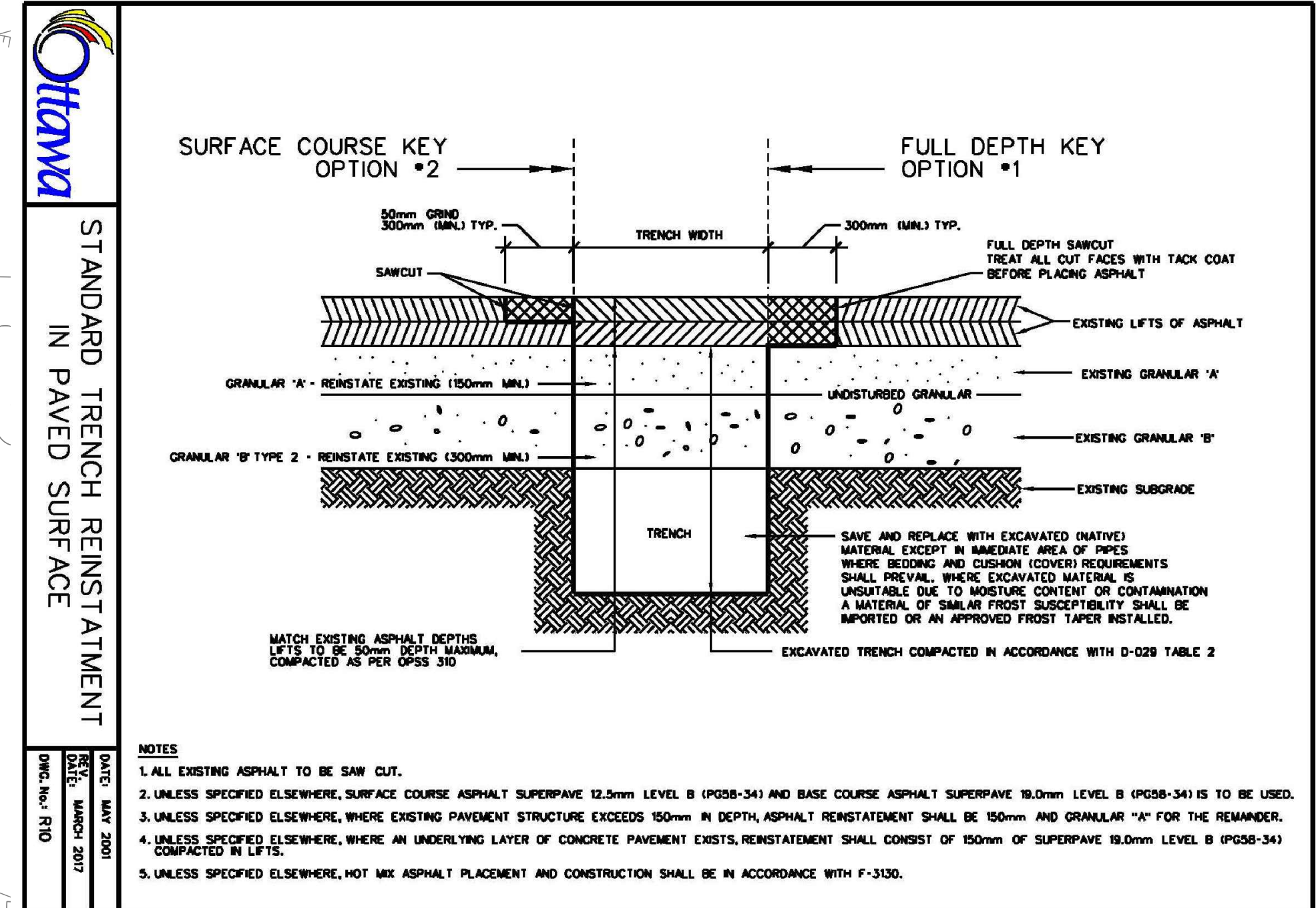
**LIMIT OF ASPHALT OVERLAY:**  
ROAD/LANE CLOSURE NEEDS TO BE COORDINATED WITH THE CITY.  
AREAS OUTSIDE OF SERVICE TRENCH EXCAVATION, GRIND AND PAVE TOP LIFT OF ASPHALT. TOP LIFT OF ASPHALT TO MATCH EXISTING GRADES, ENSURING POSITIVE DRAINAGE.

**SERVICE TRENCH REINSTATEMENT AS PER CITY OF OTTAWA DETAIL R10.**  
SP XX ASPHALT SURFACE COURSE TO MATCH EXISTING TOP LIFT (XXmm MINIMUM, XXmm MAXIMUM)  
SP XX ASPHALT BASE COURSE TO MATCH EXISTING (XXmm MAXIMUM). USE TWO LIFTS OF BASE COURSE IF BASE COURSE DEPTH IS GREATER THAN XXmm.

**NORWAY SPRUCE STREET**  
PROPOSED TWO 11.5 METRES 375mm HDPE CULVERTS C/W SMOOTH INTERIOR & 5cm EMBEDMENT  
NORTH PIPE INV. = 121.65  
NORTH BOTTOM ELEV. = 121.70  
SOUTH PIPE INV. = 121.62  
SOUTH BOTTOM ELEV. = 121.67

**PROPOSED QUALITY CONTROL AREA RAIN GARDEN**

EXISTING DWELLING No. 123 TOF =



No.	REVISION	DATE	BY
3	UPDATED SITE PLAN	2024/09/03	AVB
2	RESPONSE TO REVIEW COMMENTS	2024/05/22	AVB
1	RESPONSE TO REVIEW COMMENTS	2024/01/12	AVB
0	ISSUED FOR SITE PLAN CONTROL	2023/05/10	AVB
#	REVISION ITEM / DESCRIPTION	REV. DATE	INT.

**Kollaard Associates Engineers**  
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K0G 1J0 FAX (613) 258-0475  
http://www.kollaard.ca

**CLIENT:**  
BRYDEN GIBSON

**PROJECT:**  
PROPOSED 3 STOREY RESIDENTIAL DEVELOPMENT

**LOCATION:**  
121 BREA CRESCENT, STITTSVILLE, ON, K2S 1P1

DESIGNED BY: SD  
CHECKED BY: SD  
DRAWN BY: JR  
APPROVED BY: SD  
DATE: MAY 12, 2023  
KOLLAARD FILE NUMBER: 220338

**DRAWING NUMBER:** 220338-RR  
**DRAWING NAME:** ROADWAY REINSTATEMENT