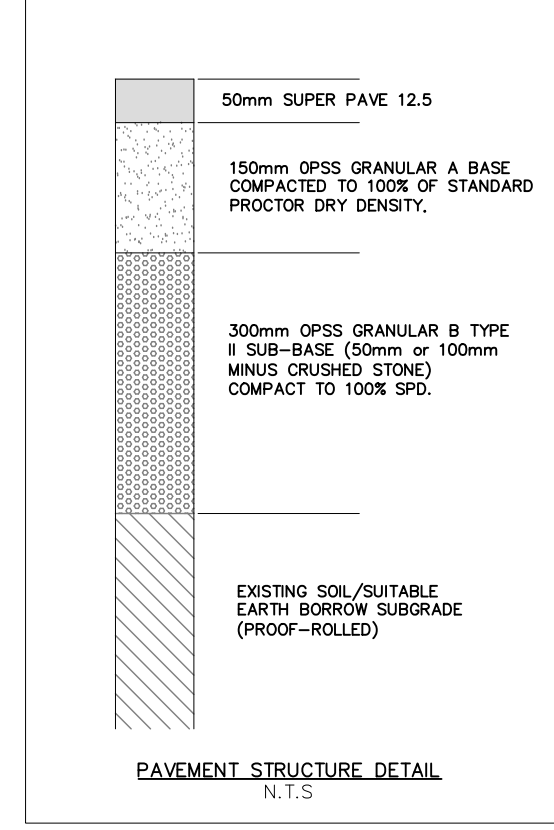


GENERAL NOTES:

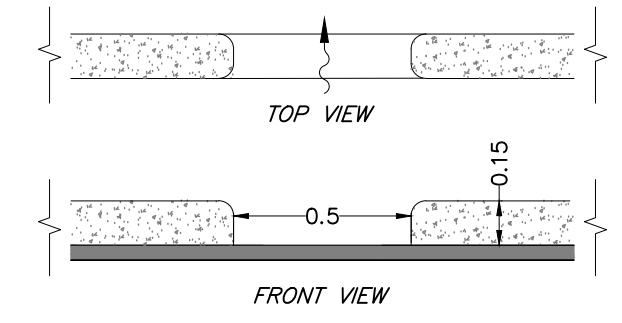
- All dimensions are in metres; all elevations are in metres and are geodetic. TBM = Nail in utility pole. Elevation = 122.88.
- This is not a legal survey. Boundary information was derived from topographic plan of survey of part lot 1, registered plan 528, City of Ottawa, by Annis, O'Sullivan, Volebek 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**

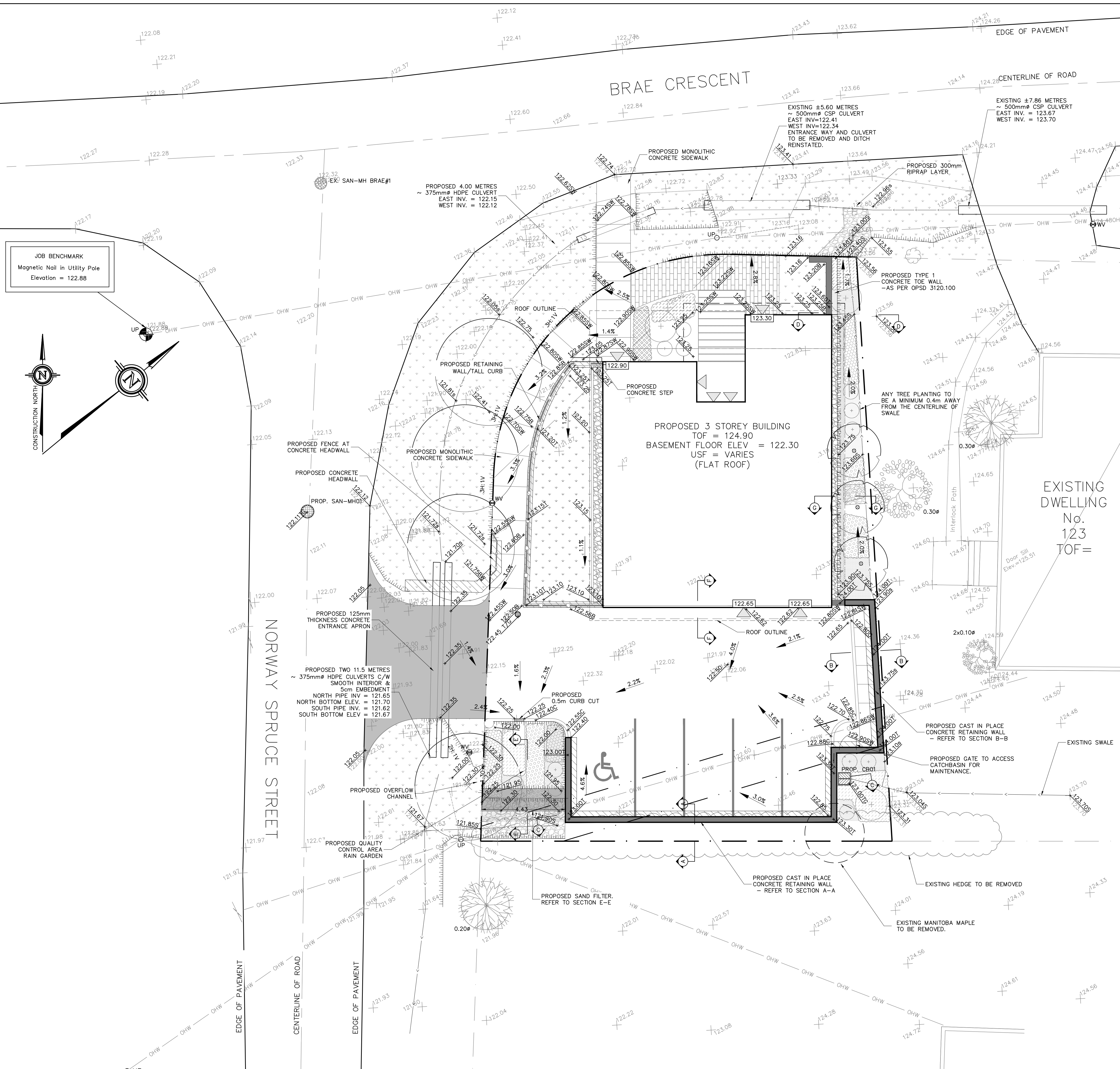
	EXISTING ELEVATION		EXISTING HYDRO POLE
	PROPOSED/EXISTING ELEVATION		EXISTING HYDRO GUY WIRE ANCHOR
	PROPOSED CURB ELEVATION		EXISTING FIRE HYDRANT
	PROPOSED TOP OF GRATE ELEVATION		EXISTING WATER VALVE
	PROPOSED CATCH BASIN TOP OF GRATE ELEVATION		PROPOSED WATER VALVE
	PROPOSED SIDEWALK ELEVATION		EXISTING STORM MANHOLE
	PROPOSED TOP OF RETAINING WALL ELEVATION		EXISTING SANITARY MANHOLE
	PROPOSED BOTTOM OF RETAINING WALL ELEVATION		EXISTING VALVE CHAMBER
	PROPOSED ELEVATION		EXISTING CURB INLET CATCH BASIN
	DRAINAGE SLOPE		EXISTING CATCH BASIN
	WATERMAN		PROPOSED CATCH BASIN/MANHOLE
	STORM SEWER		PROPOSED CATCH BASIN
	SANITARY SEWER		PROPOSED STORM MANHOLE
	CENTRELINE OF ROAD		PROPOSED SANITARY MANHOLE
	EDGE OF ROAD		TEMPORARY BENCHMARK
	TOP OF SLOPE		BUILDING ENTRANCE LOCATION
	PROPERTY LINE		STREET SIGN
	GAS LINE		SILT FENCE
	OVERHEAD WIRE		



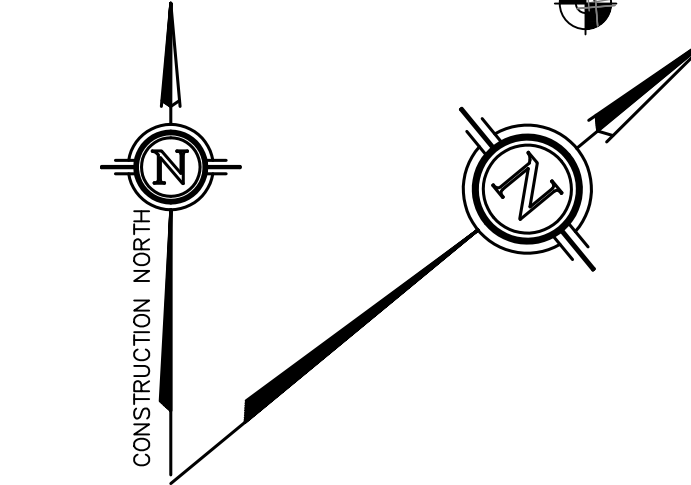
PAVEMENT STRUCTURE DETAIL N.T.S.



PROPOSED CURB CUT N.T.S.



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



PROPOSED GRADING AND DRAINAGE PLAN  
SCALE = 1:100

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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KEMPVILLE, ONTARIO  
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-GR  
DRAWING NAME: GRADING AND DRAINAGE PLAN