

GENERAL NOTES:

1. All dimensions are in metres; all elevations are in metres and are geodetic. TBM = Top of grate of STM-MH1. Elevation= 63.66.
2. This is not a legal survey. Boundary information was derived from Plan of Survey of PART OF LOT G REGISTERED PLAN NO. 381 surveyed by Arpentage Dufresne Surveying Inc. on November 23rd, 2017.
3. Contractor is responsible for location and protection of utilities.
4. All dimensions to be verified on site by contractor prior to construction.
5. Any changes made to this plan must be verified and approved by Kollaard Associates Inc.
6. Client is responsible for acquiring all necessary permits. This drawing is not for construction until a building permit has been granted.
7. 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.
8. 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.
9. A geotechnical engineer should be retained to provide recommendations with respect to the sub-grade conditions prior to footing installation.
10. 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, and 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.
11. All materials and construction to be in accordance with City of Ottawa standards and Ontario Provincial Standards and Specifications; sewer and watermain material types; disinfection, provide minimum 2.4 metres of cover for water services, cathodic protection, City of Ottawa insulation specifications for watermain, pipe bedding, reinstatement of disturbed areas and leakage testing.
12. Reference to Kollaard File No. 180140 for Storm Water Management Design and Geotechnical Report.

0	ISSUED FOR SITE PLAN CONTROL	02/28/2019	AVB

No.	REVISION	DATE	BY
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CLIENT:  
BERGERON CONSTRUCTION

PROJECT:  
PROPOSED MULTI-USE BUILDING

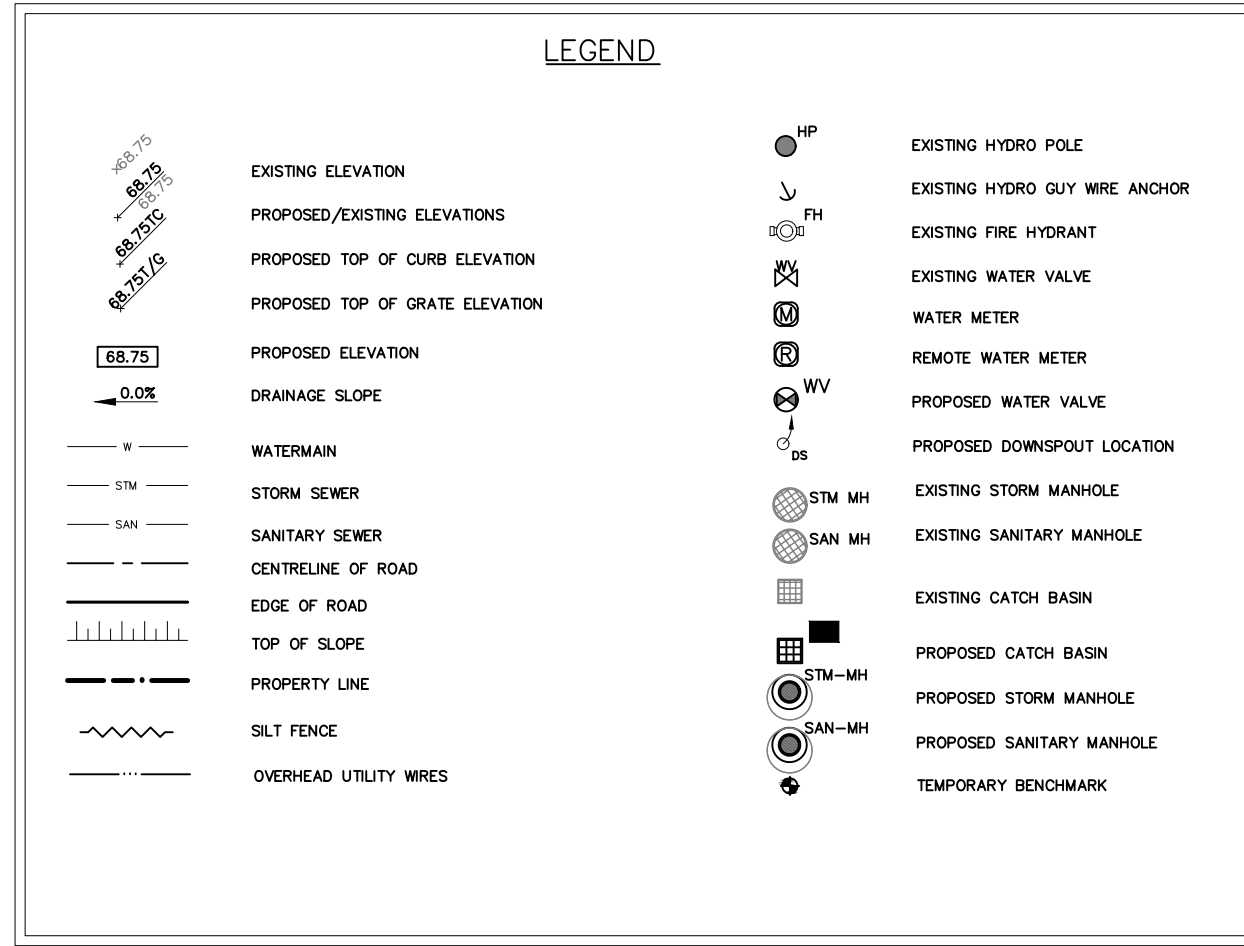
LOCATION:  
257 MCARTHUR AVENUE  
OTTAWA ONTARIO  
K1L 6P3

CONSULTANTS:

**K Kollaard Associates**  
Engineers

P.O. BOX 189, 210 PRESCOTT ST. (613) 860-0923  
KEMPTVILLE, ONTARIO info@kollaard.ca  
KOG 1JO FAX (613) 258-0475  
http://www.kollaard.ca

	DESIGNED BY: SD	CHECKED BY: SD
	DRAWN BY: AVB	APPROVED BY: SD
	DATE: JAN 28, 2019	
	DRAWING NUMBER: 180140-GEC	
	PROJECT NUMBER: 180140	

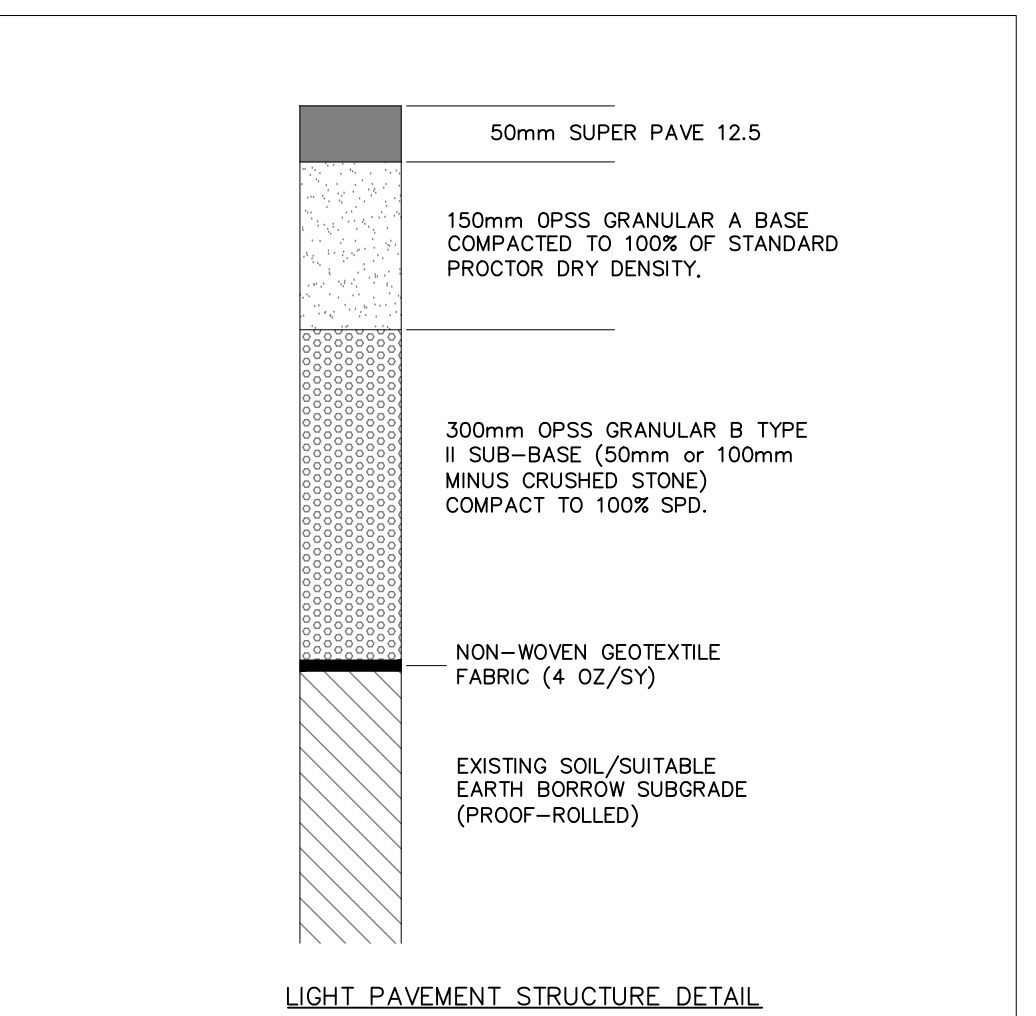


EROSION AND SEDIMENT CONTROL NOTES:

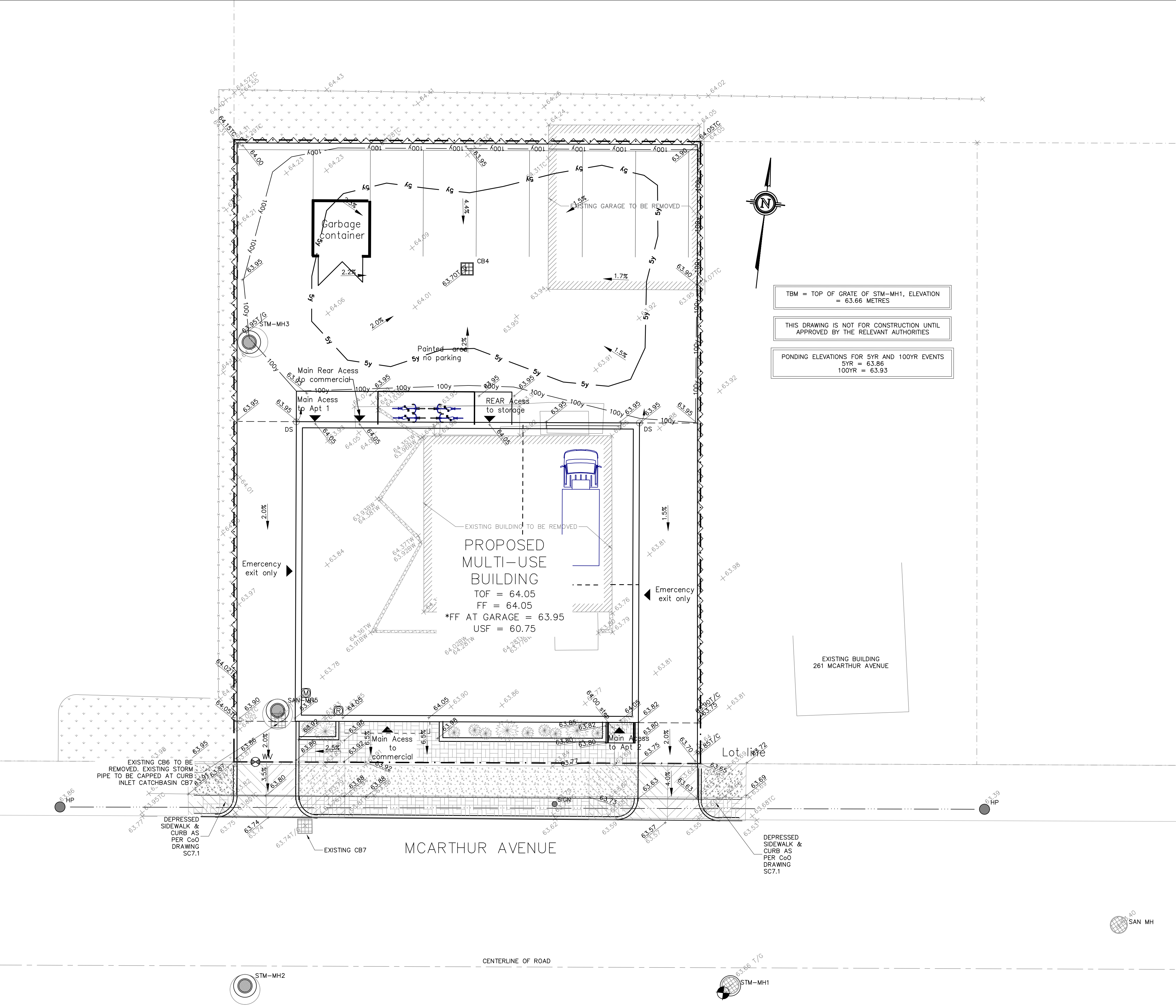
1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
2. THE OWNER (AND/OR CONTRACTOR) AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN AT LEAST EQUAL TO THE STATED MINIMUM REQUIREMENTS AND 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.
3. THE CONTRACTOR IS TO ENSURE THAT THE SITE ACCESS POINTS AND ADJACENT STREETS TO THE ACCESS POINTS ARE MAINTAINED AND KEPT CLEAR OF CONSTRUCTION MATERIALS SUCH AS, BUT NOT LIMITED TO MUD, DIRT, CLAY AND GRANULARS ON A DAILY BASIS OR AS NECESSARY, TO THE SATISFACTION OF THE CITY OF OTTAWA.
4. EVERY EFFORT WILL BE MADE TO ENSURE THAT ALL DISTURBED AREAS ARE TOPSOILED AND SEEDS AS SOON AS REASONABLY POSSIBLE.
5. THE SEDIMENT AND EROSION CONTROL PLAN IS A LIVING DOCUMENT WHICH MAY BE AMENDED BY ONSITE REQUIREMENTS AT THE APPROVAL OF THE MUNICIPALITY AND THE CONSERVATION AUTHORITY.

MINIMUM EROSION AND SEDIMENT CONTROL PLAN REQUIREMENTS:

- TIME THE DEMOLITION AND EXCAVATION ACTIVITIES SO THAT THEY OCCUR NO SOONER THAN IS NECESSARY FOR SUBSEQUENT CONSTRUCTION ACTIVITIES.
- LANDSCAPE THE SITE AS SOON AS PRACTICALLY POSSIBLE.
- USE SILT FENCES AROUND ANY STOCKPILES OF SOIL.
- PRIOR TO CONSTRUCTION, SILT FENCE BARRIERS (OPSD 219.110) WILL BE PLACED ALONG THE PROPERTY LINES AS ON THE DRAWING.
- THE SILT FENCE SHOULD BE REMOVED ONLY WHEN THE SITE IS STABILIZED.
- INSTALL FILTER CLOTH ACROSS ALL EXISTING AND PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES PRIOR TO CONSTRUCTION.



- NOTES:
- SUBGRADE TO BE INSPECTED BY GEOTECHNICAL ENGINEER PRIOR TO THE ADDITION OF ANY GRANULAR MATERIAL OR EARTH BORROW



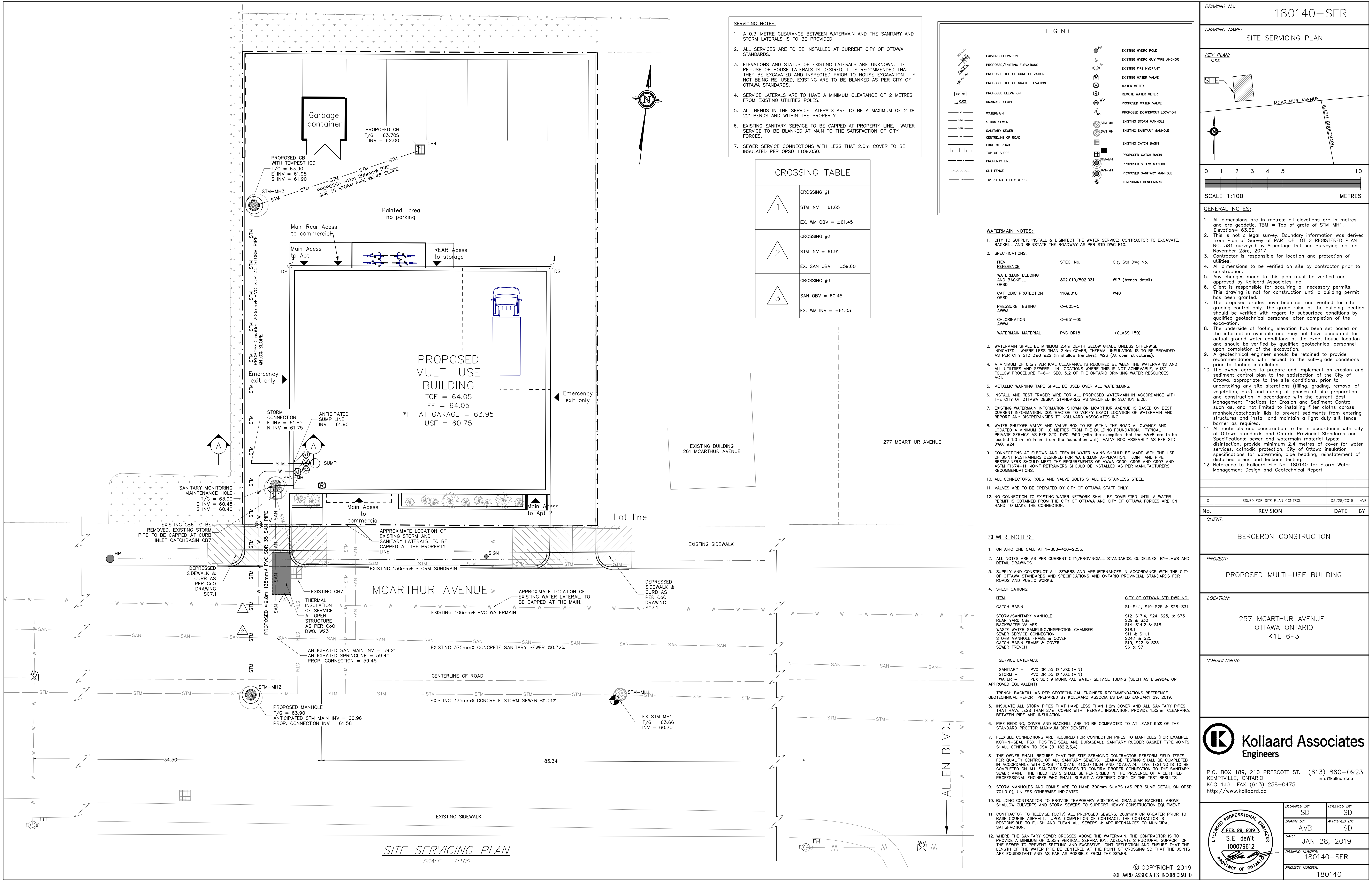
TBM = TOP OF GRATE OF STM-MH1, ELEVATION = 63.66 METRES

THIS DRAWING IS NOT FOR CONSTRUCTION UNTIL APPROVED BY THE RELEVANT AUTHORITIES

PONDING ELEVATIONS FOR 5YR AND 100YR EVENTS  
5YR = 63.86  
100YR = 63.93

GRADING AND EROSION CONTROL PLAN  
SCALE = 1:100

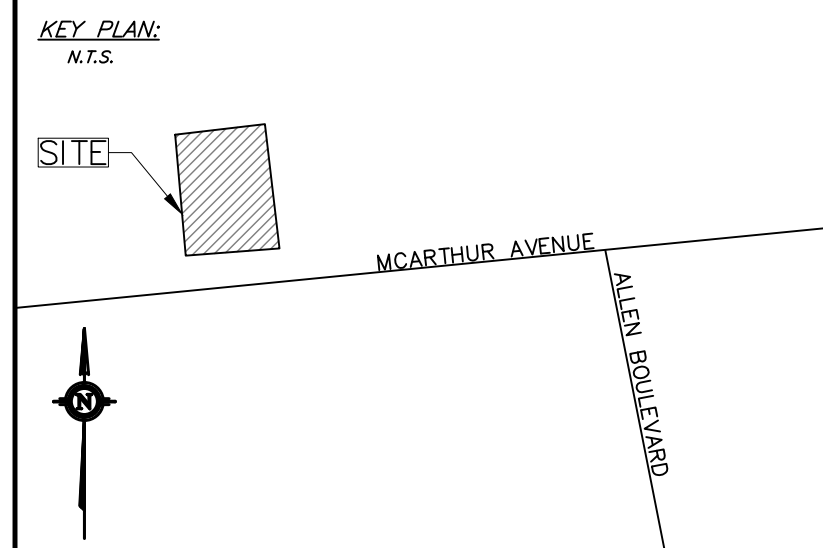






DRAWING No: 180140-DETAILS

DRAWING NAME: SITE SERVICING DETAILS



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  - Reference to Kollaard File No. 180140 for Storm Water Management Design and Geotechnical Report.

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PROJECT:  
PROPOSED MULTI-USE BUILDING

LOCATION:  
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OTTAWA ONTARIO  
K1L 6P3

CONSULTANTS:

**K** Kollaard Associates  
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ARCH 1

