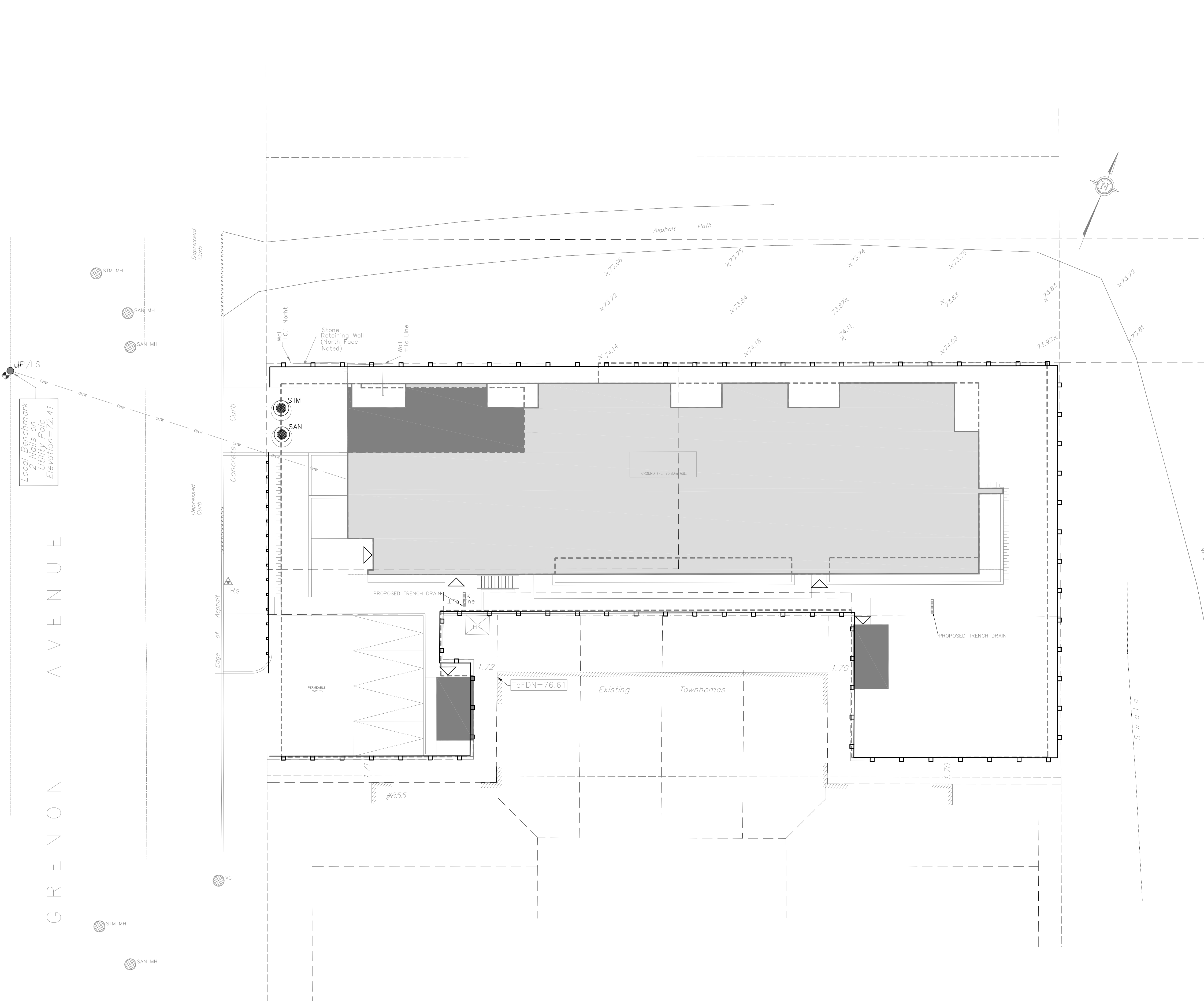


- GENERAL NOTES:**
- All dimensions are in metres; all elevations are in metres and are geodetic. TBM = 2 nails on utility pole. Elevation = 72.41.
 - This is not a legal survey. Boundary and topographic information were derived from *PLAN: STW & DWS-SERVISING LTD File No. 652-18*.
 - Contractor is responsible for location and protection of utilities.
 - Existing services information shown is based on best current information. Contractor to verify exact locations of services and report any discrepancies to Kollaard Associates Inc.
 - 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/contractor 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 of the building location should be verified with regard to subsurface conditions by qualified geotechnical personnel after 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, 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.
 - 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.
 - Reference to Kollaard file 180966 for Storm Water Management Design and Geotechnical Report file 180966.

LEGEND

- EXISTING ELEVATION
- PROPOSED/EXISTING ELEVATIONS
- PROPOSED ELEVATION
- DRAINAGE SLOPE
- EXISTING DRAINAGE
- WATERMAIN
- STORM SEWER
- SANITARY SEWER
- TOP OF SLOPE
- PROPERTY LINE
- OVERHEAD WIRE
- SILT FENCE
- OVERLAND FLOW ROUTE
- EXISTING UTILITY POLE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- WATER METER
- REMOTE WATER METER
- PROPOSED WATER VALVE
- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING VALVE CHAMBER
- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN/MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED SANITARY MANHOLE
- PROPOSED CATCH BASIN
- TEMPORARY BENCHMARK



- EROSION AND SEDIMENT CONTROL NOTES:**
- 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.
 - 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.
 - THE CONTRACTOR IS TO ENSURE THAT THE SITE ACCESS POINTS AND ADJACENT STREETS TO THE ACCESS POINTS ARE MAINTAINED AND KEPT CLEAN 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.
 - EVERY EFFORT WILL BE MADE TO ENSURE THAT ALL DISTURBED AREAS ARE TOPSOILED AND SEEDED AS SOON AS REASONABLY POSSIBLE.
 - THE SEDIMENT AND EROSION CONTROL PLAN IS A LIVING DOCUMENT WHICH MAY BE AMENDED BY ON-SITE 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 (QPSD 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 SOCKS ACROSS ALL EXISTING AND PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES PRIOR TO CONSTRUCTION.

No.	REVISION	DATE	BY
2	ISSUED SPA SUBMISSION	2019/01/25	ML
1	ISSUED FOR CLIENT REVIEW	2019/01/24	ML
0	PRELIMINARY	2018/12/13	ML
#	REVISION ITEM / DESCRIPTION	REV. DATE	INT.

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CLIENT:
 BUILDING INVESTMENTS INC.
 Nick Legault, CEO
 205-1320 Carling Ave
 Ottawa, ON, K1Z7K8
 Tel 613-853-4833
 email nilegault@buildinginvestments.ca

PROJECT:
 MULTI-UNIT RESIDENTIAL BUILDING

LOCATION:
 841 GRENON AVENUE,
 CITY OF OTTAWA, ON.

DESIGNED BY: SD
 CHECKED BY: SD
 DRAWN BY: ML
 APPROVED BY: SD
 DATE: DEC. 12, 2018
 SHEET SET:

EROSION AND SEDIMENT CONTROL PLAN
 SCALE = 1:150