



- LEGEND**
- 65.20 PROPOSED ELEVATION
 - 64.44 EXISTING ELEVATION
 - F.F. PROPOSED TOP OF GROUND FLOOR ELEVATION
 - T.O.F. PROPOSED TOP OF CONCRETE FOUNDATION ELEVATION
 - U.S.F. PROPOSED UNDERSIDE OF CONCRETE FOOTING ELEVATION
 - D/W PROPOSED DRIVEWAY
 - S- EXISTING SANITARY SEWER
 - ST- EXISTING STORM SEWER
 - W- EXISTING WATERMAIN
 - PVC- PROPOSED 150mm PVC SANITARY LATERAL SERVICE @ 1% (MIN.) SLOPE
 - HDPE- PROPOSED 150mm HDPE PERFORATED PIPE @ 1% (MIN.) SLOPE
 - COPPER- PROPOSED 50mm WATER SERVICE (COPPER TYPE "K")
 - MH-ST EXISTING SANITARY MANHOLE
 - MH-S EXISTING STORM MANHOLE
 - CB EXISTING CATCH BASIN
 - WV EXISTING WATER VALVE
 - FH EXISTING FIRE HYDRANT
 - UP EXISTING UTILITY POLE
 - V&VB EXISTING OVERHEAD WIRES
 - PROPOSED VALVE AND VALVE BOX (V&VB)
 - PROPOSED GENERAL DIRECTION OF LOT GRADING AND SURFACE FLOW
 - PROPOSED HIGH RIDGE LINE
 - T/W PROPOSED TOP OF RETAINING WALL ELEVATION
 - B/W PROPOSED BOTTOM OF RETAINING WALL ELEVATION
 - RD#1 PROPOSED ROOF DOWNSPOUT LOCATION AND NUMBER
 - SC PROPOSED ROOF SCUPPER LOCATION
 - HDPE PROPOSED REAR YARD LANDSCAPE CATCH BASIN (HDPE) AS PER CITY DETAIL S30 AND S31
 - PCB PROPOSED PRECAST CONCRETE CATCHBASIN (600mmx600mm)
 - ST INV. PROPOSED BACKWATER VALVE AND STANDPOST
 - ST INV. PROPOSED RIGID STYROFOAM INSULATION 75mm THICK (MIN.)
 - WV PROPOSED WEeping TILE SUMP PIT LOCATION
 - DUPLX PROPOSED C/W DUPLEX SUMP PUMPS (REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS)
 - PE PROPOSED 250mm HDPE PERFORATED PIPE
 - 25 PERFORATED PIPE
 - FD PROPOSED FLOOR DRAIN LOCATION AT SUNKEN BASEMENT WALKOUT

- NOTES**
1. EXISTING SERVICES AND UTILITIES SHOWN ON THIS DRAWING WERE TAKEN FROM THE BEST AVAILABLE RECORDS BUT ARE NOT COMPLETE. CONTRACTOR IS REQUESTED TO CHECK IN THE FIELD FOR LOCATION AND ELEVATION OF PIPES, UNDERGROUND STRUCTURES, ETC. AND CHECK WITH AUTHORITIES AND UTILITIES TO HIS SATISFACTION BEFORE BEGINNING.
 2. CONTRACTOR IS ADVISED TO COLLECT INFORMATION ON SOIL CONDITIONS AS DEEMED NECESSARY. BEFORE POURING OF CONCRETE FOOTING AND FOUNDATION, THE OWNER AND/OR CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SUBGRADE ON THIS LOT IS SUFFICIENT TO SUPPORT PROPOSED RESIDENTIAL BUILDING. REFER ALSO TO THE SITE GEOTECHNICAL INVESTIGATION REPORT PREPARED BY THE OWNER'S GEOTECHNICAL CONSULTANTS AS PER CITY DETAIL S20 (REVISED NOVEMBER 2022) RECEIVED ON NOVEMBER 2, 2023. THE CONTRACTOR SHALL ALSO REFER TO THE CITY OF OTTAWA PLAN AND PROFILE DRAWING ENTITLED "ATHLONE AVENUE", PLAN No. E-22-e DATED APRIL 2, 1958. T.L. MAK ENGINEERING CONSULTANTS LTD. DOES NOT TAKE ANY RESPONSIBILITY FOR THE SURVEY INFORMATION SHOWN HERE.
 3. SITTING DETAILS FOR THE PROPOSED RESIDENTIAL BUILDING WERE PROVIDED BY GRANT & HENLEY DESIGN GROUP AS DETAILED ON THEIR SITE PLAN (DWG. No. A0.1 DATED FEBRUARY 13, 2024) RECEIVED ON MARCH 5, 2024. BUILDING ELEVATIONS THAT ARE SHOWN (TOP OF GROUND FLOOR, TOP OF FOUNDATION, TOP OF BASEMENT FLOOR, AND USF) ARE REFERENCED FROM HOUSE DESIGNER'S "FRONT ELEVATION" PLAN (DWG. No. A3.1 DATED FEBRUARY 13, 2024) RECEIVED ON MARCH 5, 2024 AND UPDATED PER HOUSE DESIGNER'S E-MAIL OF APRIL 3, 2024.
 4. EXISTING HORIZONTAL AND VERTICAL SURVEY DATA SHOWN ON THIS PLAN INCLUDING SITE BENCHMARK, ROAD ELEVATIONS, SEWER INVERTS, SEWER LOCATIONS, AND TOPOGRAPHICAL INFORMATION OF THE LOT WERE PROVIDED BY FARLEY SMITH AND DENIS SURVEYING LTD. AS DEPICTED ON THEIR TOPOGRAPHICAL SURVEY PLAN (FILE No. 244-22 COMPLETED ON MAY 28, 2022) RECEIVED ON NOVEMBER 2, 2023. THE CONTRACTOR SHALL ALSO REFER TO THE CITY OF OTTAWA PLAN AND PROFILE DRAWING ENTITLED "ATHLONE AVENUE", PLAN No. E-22-e DATED APRIL 2, 1958. T.L. MAK ENGINEERING CONSULTANTS LTD. DOES NOT TAKE ANY RESPONSIBILITY FOR THE SURVEY INFORMATION SHOWN HERE.
 5. ALL GRADES SHOWN ARE GEODETIC AND METRIC (SEE FARLEY SMITH AND DENIS SURVEYING LTD'S TOPOGRAPHICAL PLAN).
 6. PIPE SIZES SHOWN ON THIS PLAN ARE METRIC.
 7. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY EQUIPMENT, LABOUR AND MATERIALS RELATING TO ALL CIVIL WORKS REQUIRED FOR THIS SITE AND BY THE CITY OF OTTAWA TO CONNECT INTO THE WATERMAIN.
 8. ALL GRADING SHALL BE DONE TO THE SATISFACTION OF THE CITY OF OTTAWA.
 9. CONNECTION OF THE 50mm WATER SERVICE TO THE EXISTING 150mm WATERMAIN ON ATHLONE AVENUE SHALL USE SADDLE CONNECTION WITH CURB STOP AS REQUIRED BY THE CITY OF OTTAWA. ALL EXCAVATION, BACKFILL AND REINSTATEMENT SHALL BE CARRIED OUT BY THE OWNER'S CONTRACTOR. ALL WATERWORKS TO BE CONSTRUCTED TO CITY OF OTTAWA WATER ENGINEERING STANDARDS AND SPECIFICATIONS.
 10. CONSTRUCT ALL WATERMAIN, WATER SERVICES, SANITARY AND STORM SEWER SYSTEMS IN ACCORDANCE WITH CITY OF OTTAWA'S LATEST REVISED STANDARD OTHERWISE AS PER OPSR REQUIREMENT AND DONE TO THE SATISFACTION OF THE CITY.
 11. BEDDING AND HAUNCHING MATERIAL FOR SEWER INSTALLATIONS TO BE GRANULAR "A" INSTALLED AND COMPACTED AS PER CITY STANDARD DETAIL DWG. No. S6 AND S7.
 12. STORM AND SANITARY LATERALS (150mm) AND 200mm CB LEAD SHALL BE PVC DR-28 OR EQUIVALENT. SEWER CONNECTION DETAILS PER CITY DETAIL S11.2 FOR FLEXIBLE PIPES AND S11 FOR RIGID PIPES.
 13. ALL WATER SERVICES/MAINS SHALL HAVE 2.4m COVER (MIN.). THE 50mm WATER SERVICE SHALL BE COPPER TYPE "K". WATER SERVICE AND WATERMAIN TRENCH DETAILS AS PER CITY OF OTTAWA W17. THRUST BLOCK DETAILS AS PER CITY DETAIL W23 DATED MAY 2001. FITTINGS SHALL CONFORM TO APPROVED ANWA AND/OR CSA STANDARDS. CATHODIC PROTECTION FOR NEW WATERMAIN AND SERVICE AS PER CITY DETAIL W40 REV. DATE MARCH 2005.
 14. IF WATER SERVICE IS LESS THAN 2.0m FROM SEWER, MANHOLE OR CATCHBASIN, CONTRACTOR IS REQUESTED TO INSULATE BETWEEN THEM WITH S/M RIGID INSULATION (SEE CITY DETAIL DRAWING No. W23).
 15. **STORM MANAGEMENT NOTES**
 - REFER TO PROPOSED ROOFTOP STORMWATER MANAGEMENT PLAN (DWG. No. 823-83 SWM-1) FOR STORMWATER MANAGEMENT.
 - SEE STORM DRAINAGE REPORT No. 823-83 DATED MAY 2024 ALSO FOR DETAILS.
 - CONTROLLED ROOF DRAIN FLOW RATE FOR EACH DRAIN SHALL BE 0.316 L/s OR 5.0 U.S. GAL/MIN.
 16. ALL PROPOSED BUILDING SANITARY, STORM AND WATER SERVICES SHALL TERMINATE ±1.0m OUTSIDE THE FOUNDATION WALL AND CONNECTION TO PLUMBING BY OTHERS.
 17. IT IS REQUIRED THAT A CITY APPROVED BACKWATER VALVE BE INSTALLED AT THE NEW 150mm DIA. (FOUNDATION DRAINS) STORM LATERAL SERVICE AND A FULL PORT BACKWATER VALVE BE INSTALLED FOR THE NEW 150mm SANITARY LATERAL SERVICE AS PER CITY DETAIL S14, S14.1, AND S14.2.
 18. PRIOR TO CONCRETE FOOTING AND FOUNDATION POURING, THE OWNERS AND/OR CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SUBGRADE ON THIS LOT IS SUFFICIENT TO SUPPORT THE PROPOSED BUILDING.
 19. FOR DEVELOPMENT OF THIS LOT, THE CONTRACTOR MUST FIRST CONSTRUCT THE UNDERGROUND SANITARY, STORM AND WATER SERVICES FROM THE SEWER AND WATERMAIN TO SERVICE THE ENTIRE PROPERTY. PRIOR TO BUILDING CONCRETE FOUNDATION POURING, THE CONTRACTOR SHALL VERIFY SEWER DEPTHS TO ENSURE THAT SEWER LATERALS CAN ACHIEVE A SLOPE OF 1% (MIN.) AND STILL BE BELOW PROPOSED UNDERSIDE OF CONCRETE FOOTING. IF THIS IS FOUND NOT POSSIBLE, THE CONTRACTOR SHALL CONTACT THE OWNER TO REPORT THE FINDING IN ORDER TO ADJUST THE BUILDING FOUNDATION GRADES PRIOR TO CONCRETE POURING.
 20. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY EQUIPMENT, LABOUR AND MATERIALS RELATING TO THE CIVIL WORKS REQUIRED FOR INSTALLATION OF NEW SITE SERVICES. PROVINCIAL HEALTH AND SAFETY REGULATIONS MUST BE FOLLOWED DURING CONSTRUCTION.
 21. IT IS THE RESPONSIBILITY OF THE SITE SERVICES CONTRACTOR TO OBTAIN AND CONSTRUCT THE WORKS TO MEET THE LATEST REVISIONS IN CURRENT CIRCULATION OF THE CITY OF OTTAWA'S ENGINEERING STANDARDS, OPSR AND STANDARD SPECIFICATIONS, AND ONTARIO BUILDING/PLUMBING CODES. WHERE THE LATEST REVISION DIFFERS FROM THE REQUIREMENTS SET OUT IN THIS PLAN, THE CONTRACTOR SHALL PRICE THE WORKS TO MEET LATEST REVISED STANDARDS IN HIS PRICE BID FOR THIS PROJECT. THE CONTRACTOR SHALL INFORM THE ENGINEERS OF ANY CHANGES PRIOR TO COMMENCEMENT OF THE WORKS.
 22. PROPOSED GROUND FLOOR, TOP OF CONCRETE FOUNDATION, TOP OF BASEMENT SLAB AND UNDERSIDE OF FOOTING ELEVATIONS SHALL BE REVIEWED AND APPROVED BY OWNER'S ARCHITECTS PRIOR TO CONSTRUCTION.
 23. IF EXISTING GRADES ALONG ANY EXISTING ADJUTING PROPERTY LIMITS EXCEED THE PROPOSED GRADES ON THIS PROPERTY BY A HEIGHT DIFFERENTIAL THAT EXCEEDS TERRACING OF 3H TO 1V, THEN INSTALL A RETAINING WALL AS PER OWNER'S REQUIREMENTS.
 24. SITE SERVICING BEDDING, BACKFILL REQUIREMENTS ALONG WITH ROADWAY AND PARKING LOT PAVEMENT STRUCTURES SHALL MEET RECOMMENDATIONS AND REQUIREMENTS SET OUT IN THE OWNER'S SOILS ENGINEER'S REPORT. ALL WORKS TO BE CARRIED OUT BY THE CONTRACTOR ON THE PROPOSED ASPHALT ACCESS LANEWAY AND PRIVATE DRIVEWAY STRUCTURE SHALL BE APPROVED BY SOILS ENGINEER ON SITE PRIOR TO CONSTRUCTION.
 25. CONCRETE BARRIER CURB AND DEPRESSED CURB DETAILS AS PER CITY OF OTTAWA STANDARDS (DWG. No. SC2 REV. DATE MARCH 2009). CONCRETE CURB AND CONCRETE SIDEWALK CONSTRUCTION AND REINSTATEMENT SHALL BE DONE TO THE SATISFACTION OF THE CITY OF OTTAWA AND IN ACCORDANCE WITH THE LATEST REVISED CITY ENGINEERING STANDARDS.
 26. CONCRETE SIDEWALK, DEPRESSED CURB, AND DEPRESSED CONCRETE SIDEWALK DETAILS AS PER CITY OF OTTAWA STANDARDS (DWG. No. SC2 REV. DATE MARCH 2009). CONCRETE CURB AND SIDEWALK CONSTRUCTION AND REINSTATEMENT SHALL BE DONE TO THE SATISFACTION OF THE CITY OF OTTAWA AND IN ACCORDANCE WITH THE LATEST REVISED CITY ENGINEERING STANDARDS.
 27. THE EXISTING CONCRETE CURB AND SIDEWALK ON ATHLONE AVENUE AND ANY DISTURBED AREA IN THE RIGHT OF WAY IF DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REINSTATE BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY OF OTTAWA AND IN ACCORDANCE WITH THE LATEST REVISED CITY ENGINEERING STANDARDS.
 28. THE CONTRACTOR, UPON COMPLETION OF THE NEW DRIVEWAY, SHALL RESTORE THE EXISTING ATHLONE AVENUE ROADWAY SURFACE AND UNDERLAY CONSTRUCTION BY CONSTRUCTION BY THE CONTRACTOR. THE ROADWAY GRADING SHALL BE RESTORED AND REGRADED TO DRAIN POSITIVELY TO EXISTING STORMWATER OUTLET AS REQUIRED BY THE CITY INSPECTOR.

29. WHERE FROST COVER FROM UNDERSIDE OF BUILDING CONCRETE FOOTING TO PROPOSED FINISHED GROUND ELEVATION IS LESS THAN 1.55m, IT IS RECOMMENDED THAT INSULATION (50mm THICK) MINIMUM BE INSTALLED AT THE BUILDING FOOTING AND FOUNDATION TO PROVIDE SUFFICIENT FROST COVER FOR THE FOUNDATION STRUCTURES. THE FOOTINGS WILL NEED TO BE REVIEWED BY THE OWNER'S SOILS ENGINEER. EXACT INSULATION REQUIREMENTS SHALL BE AS PER ARCHITECT'S INSULATION DETAILS AS SHOWN ON THEIR ARCHITECTURAL DRAWINGS AND CONFIRMED BY THE OWNER'S SITE SOILS ENGINEER.
30. WHERE REQUIRED, INSULATE THE PROPOSED HOUSE SERVICE LATERALS ON PRIVATE PROPERTY FROM PROPERTY LINE TO THE HOUSE AND WITHIN THE ROAD RIGHT OF WAY WITH RIGID STYROFOAM INSULATION (50mm THICK MINIMUM AND 1.2m WIDE) AND ANY OTHER LOCATION WHERE GROUND COVER IS LESS THAN 2.4m FOR WATER, STORM, AND SANITARY SERVICES. INSULATION THICKNESS AND WIDTH REQUIREMENTS SHALL BE AS PER CITY'S ENGINEERING STANDARDS AND PER REQUIREMENTS OF THE CITY OF OTTAWA AND OWNER'S SOILS ENGINEER. REFER TO CITY OF OTTAWA W22 AND W23 DETAILS ALSO.
31. EXISTING HOUSE LATERALS AND WATER SERVICE PIPING HAVE BEEN AND/OR SHALL BE ABANDONED. WATER SERVICE SHALL BE BLANKED AND CAPPED AT THE MAIN AS PER CITY'S REQUIREMENTS. SERVICE LATERAL(S) SHALL BE CAPPED AND/OR PLUGGED AT THE FRONT PROPERTY LINE. ALL WATER AND SEWER LATERAL WORKS SHALL BE CARRIED OUT TO CITY'S SATISFACTION AND AS PER CITY DETAIL S11.4.
32. ANY TREES AND UTILITY PLANT PROPOSED BY THE OWNER'S ARCHITECT SHALL MAINTAIN A 2.0m (MIN.) CLEARANCE TO THE PROPOSED WATER SERVICE AND BUILDING LATERAL TRENCH.
33. a) THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES TO PROVIDE FOR PROTECTION OF THE RECEIVING STORM SEWER DURING CONSTRUCTION ACTIVITIES. THESE PRACTICES ARE REQUIRED TO ENSURE NO SEDIMENT AND/OR ASSOCIATED POLLUTANTS ARE RELEASED TO THE RECEIVING WATERCOURSE. THESE PRACTICES INCLUDE INSTALLATION OF SEDIMENT BARRIERS ON ALL CATCH BASIN AND MAINTENANCE HOLES AND A SILT FENCE BARRIER (AS PER OPSR 219.110 AND ASSOCIATED SPECIFICATIONS) ALONG THE PROPERTY LIMITS OF THE PROPOSED DEVELOPMENT AND ALL OTHER AREAS THAT SHEET DRAIN OFF SITE. MAINTENANCE HOLES SEDIMENT BARRIERS TO BE AMOCO 4555 NONWOVEN GEOTEXTILE OR APPROVED EQUIVALENT.
- b) 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.
34. THE CITY OF OTTAWA RECOMMENDS THAT A PRESSURIZED DRAIN PIPE TYPE MATERIAL BE USED FOR THE ROOF DRAIN LEADER PIPE IN THE BUILDING IN THE EVENT OF SURCHARGE IN THE SYSTEM.
35. THE RETAINING WALL TO BE CONSTRUCTED AND MATERIAL TYPE SHALL BE SPECIFIED BY THE OWNER'S HOUSE DESIGNER AND/OR STRUCTURAL ENGINEER. ANY RETAINING WALLS BUILT ON THIS LOT EXCEEDING 1.0m IN HEIGHT FROM PROPOSED FINISHED GROUND ELEVATIONS WILL BE REQUIRED TO BE PREPARED AND CERTIFIED BY THE OWNER'S STRUCTURAL ENGINEER AND APPROVED BY THE CITY BEFORE CONSTRUCTION. (SEE RETAINING WALL DETAILS BY OWNER'S STRUCTURAL ENGINEERS).
36. RETAINING WALL EXCEEDING 600mm IN HEIGHT WILL REQUIRE INSTALLATION OF GUARDRAILS AS PER CITY STANDARD DETAIL DWG. L7 AND L8.
37. GIVEN THE ARCHITECTURAL REQUIREMENTS FOR THE PROPOSED BUILDING, THE UNDERSIDE OF CONCRETE FOOTING IS BELOW THE PROPOSED STORM LATERAL INVERT WHICH OUTLET TO THE ATHLONE AVENUE STORM SEWER. THE OWNER'S HOUSE DESIGNER IS AWARE OF THIS CONSTRAINT. THE BUILDER AND HIS HOUSE DESIGNER WILL MAKE INTERNAL BUILDING PUMPING PROVISIONS TO PUMP WEeping TILE WATER UP TO THE STORM LATERAL FROM A WEeping TILE TANK PUMPING SYSTEM FOR THE BUILDING. SEE LATEST REVISED ARCHITECTURAL PLANS FOR DISCHARGE PIPE HEIGHT DETAILS, WEeping TILE WATER PIT/TANK SIZE, AND PUMPING SYSTEM FOR THIS BUILDING. IT IS RECOMMENDED THAT THE WEeping TILE WATER TANK BE OVERSIZED. A DUPLEX PUMPING SYSTEM SHALL BE IN THE WEeping TILE WATER TANKS.
38. THE OWNER'S HOUSE DESIGNER SHALL INFORM THE OWNERS THAT AN ONGOING YEAR ROUND MAINTENANCE PROGRAM IS REQUIRED FOR THIS BUILDING TO ENSURE THAT THE WEeping TILE WATER TANKS IN PARTICULAR SHALL BE ANNUALLY INSPECTED AND CLEANED IF NECESSARY. ALL PUMPS USED IN THIS BUILDING ARE TO BE DETERMINED BY THE OWNER'S MECHANICAL ENGINEER AND/OR PLUMBER BASED ON THEIR SPECIFIC USAGE UNDER THE PRESENT PLUMBING CODE AND CITY REQUIREMENTS.
39. THE HOUSE DESIGNER SHALL INFORM THE OWNERS TO HAVE AVAILABLE AT ALL TIMES A BACK-UP GENERATOR ON STANDBY AT THE BUILDING IN THE EVENT OF A POWER BLACKOUT OR OTHER EMERGENCIES. ALTERNATIVELY, THE ARCHITECTS AND/OR OWNER MAY WISH TO SPECIFY A WATER POWERED BACK-UP PUMP (THE SUMPJACK MODEL #S10) OR EQUAL THAT MEETS THE ONTARIO BUILDING AND PLUMBING CODE REQUIREMENTS.
40. 300mm MINIMUM SEPARATION BETWEEN EXISTING WATERMAIN AND PROPOSED SERVICE LATERALS AS PER CITY STANDARD. IF 300mm SEPARATION CANNOT BE MET, UNSHRINKABLE FILL SHALL BE USED.
41. SUNKEN FLOOR ENTRANCE DRAINS MUST BE INDIRECTLY CONNECTED TO WEeping TILE DRAINAGE SYSTEM THROUGH CLEAR STONE, REFER TO ARCHITECTURAL DRAWING FOR DETAILS.
42. NO EXCESS DRAINAGE, DURING AND AFTER CONSTRUCTION, WILL BE DIRECTED TOWARDS THE NEIGHBORS' PROPERTIES.
43. ALL TREES ON THE RIGHT-OF-WAY ARE TO BE MAINTAINED BEFORE AND AFTER CONSTRUCTION AND ALL TREES WITHIN THE PROPERTY SHALL BE PROTECTED AS PER THE "MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAWS" AND THE "URBAN TREES CONSERVATION BY-LAW" AS AMENDED FROM TIME TO TIME.
44. THERE WILL BE NO ALTERATION TO THE EXISTING GRADE AND DRAINAGE PATTERN ON THE PROPERTY LINES.
45. EXISTING DRIVEWAY TO BE REMOVED WILL BE INSTATED WITH SOFT LANDSCAPE MATERIAL.
46. THE PROPOSED CATCH BASIN AT (CB#2 AND CB#3) SHALL BE 600mm X 600mm PRECAST CONCRETE AS PER OPSR-705.010. FRAME AND COVER ARE AS PER CITY OF OTTAWA'S DETAIL DWG No. S19.1. THE PROPOSED CB#1 (LANDSCAPE CATCH BASIN) SHALL BE HDPE TYPE AS PER CITY DETAIL S30 AND S31.

REVISIONS TO ADD ATHLONE AVENUE RIGHT OF WAY LIMIT IN FRONT OF THIS SITE PER CITY'S REQUEST

NO.	REVISION	DATE	BY
3	REVISIONS TO ADD ATHLONE AVENUE RIGHT OF WAY LIMIT IN FRONT OF THIS SITE PER CITY'S REQUEST	10/30/24	TLM
2	REVISIONS AS PER HOUSE DESIGNER'S REVIEW COMMENTS OF APRIL 4, 2024	04/04/24	TLM
1	REVISIONS AS PER HOUSE DESIGNER'S REVIEW COMMENTS OF APRIL 2, 2024	04/03/24	TLM

SCALE

0 1 2 3 5m

1:100 HORIZONTAL

VERTICAL

DESIGN T.L.M.

CHECKED T.L.M.

DRAWN BY P.M.

CHECKED T.L.M.

APPROVED T.L.M.

PROJECT 370 ATHLONE AVENUE LOT 75 REGISTERED PLAN 263 CITY OF OTTAWA

DRAWING TITLE PROPOSED LOT GRADING AND SERVICING PLAN

PROJECT No. 823-83

DATE MARCH 2024

DRAWING No. G-1

T.L. MAK ENGINEERING CONSULTANTS LTD.
CONSULTING ENGINEERS

LICENCED PROFESSIONAL ENGINEER
10/30/24
TONY L. MAK
PROVINCE OF ONTARIO