

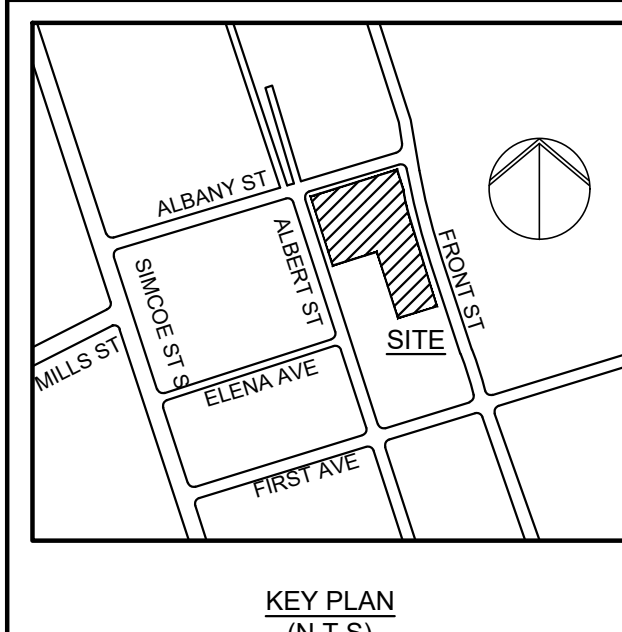
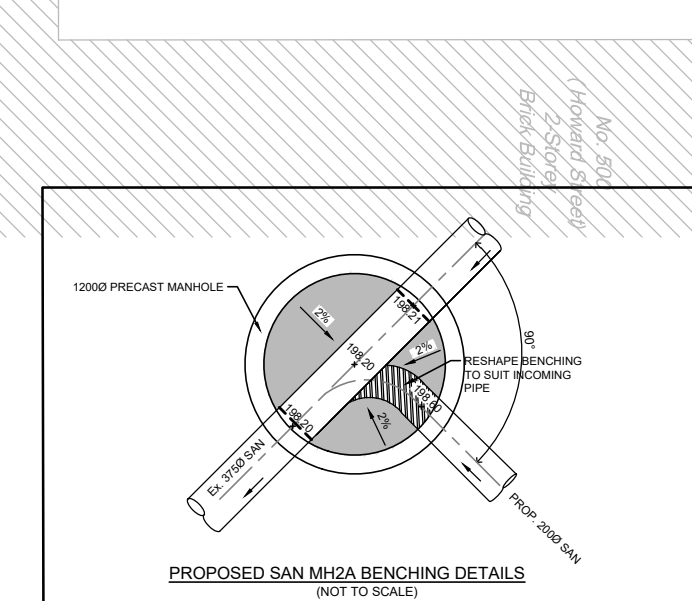
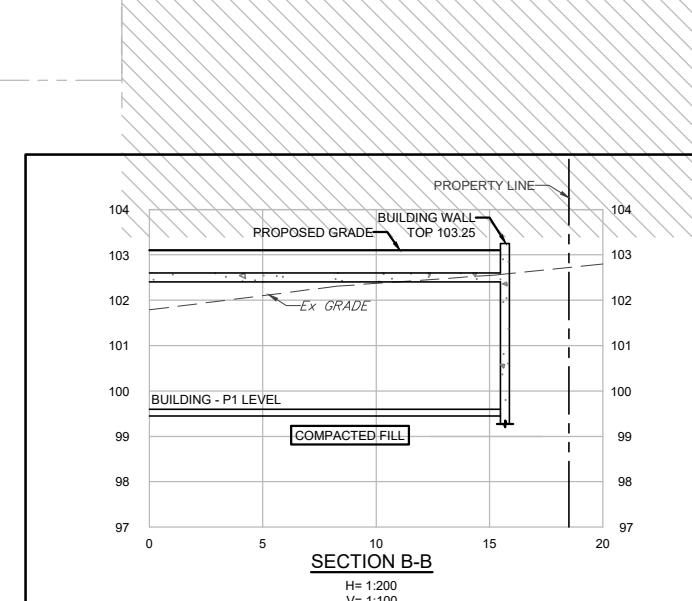
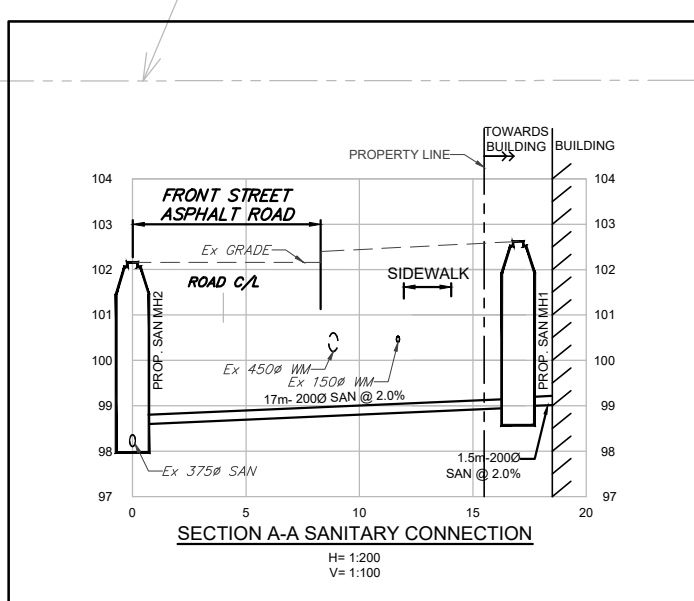
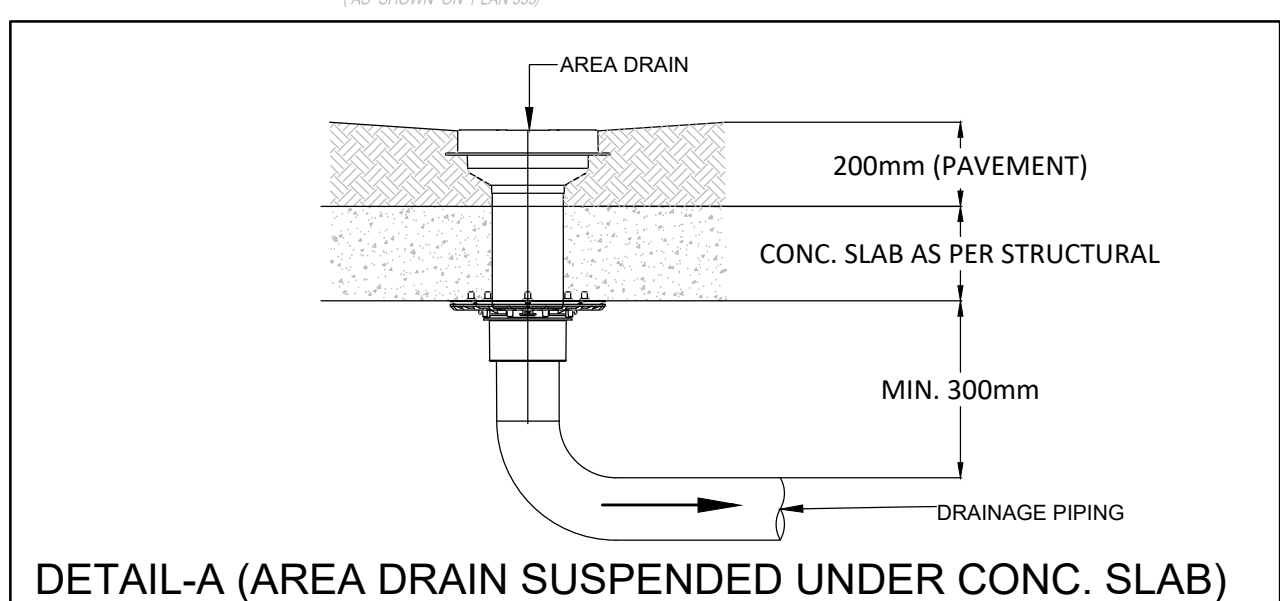
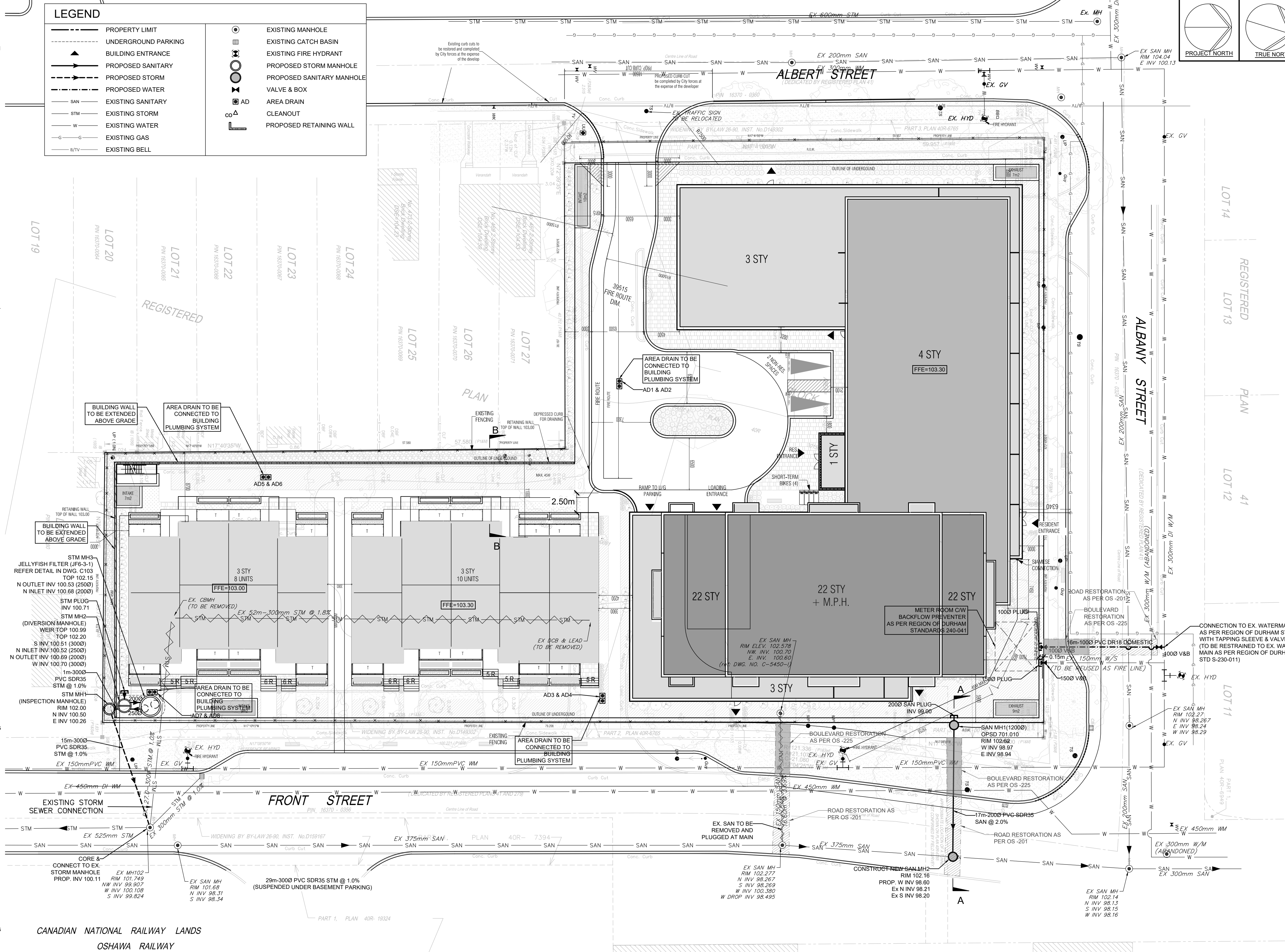
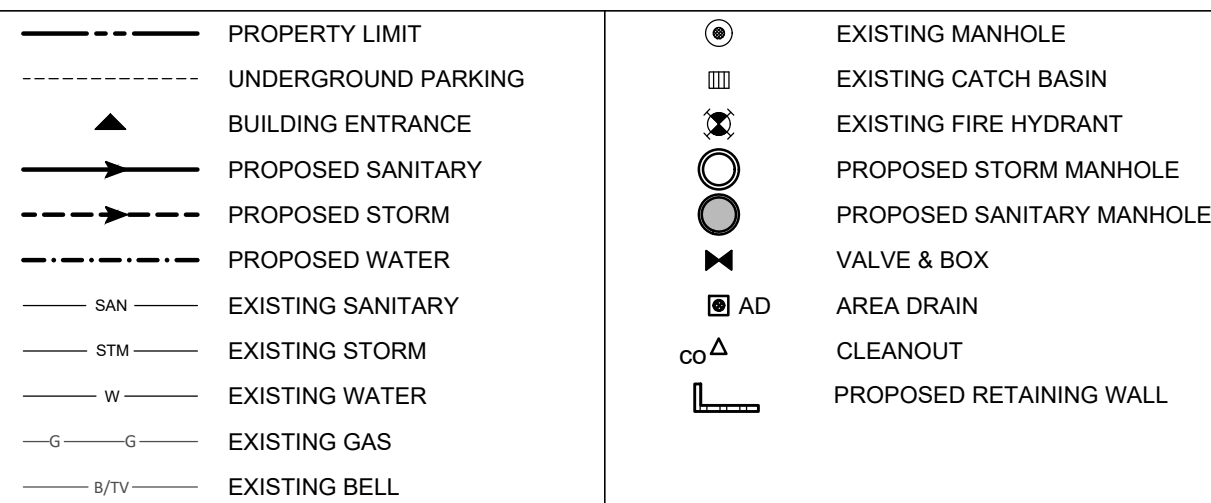
**GENERAL NOTES**

- ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
- ALL WORK, MATERIALS AND CONSTRUCTION METHODS TO CONFORM WITH THE LATEST STANDARDS, SPECIFICATIONS, POLICIES, REGULATIONS, GUIDELINES AND LAWS FOR THE CITY OF OSHAWA, REGION OF DURHAM, THE ONTARIO BUILDING CODE (OBC), MINISTRY OF THE ENVIRONMENT (MOE), ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS (OPSD AND OPSS), THE ENVIRONMENTAL PROTECTION ACT AND THE WATER RESOURCES ACT, THE MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.
- THE INFORMATION SHOWN FOR EXISTING UTILITIES WAS PROVIDED BY OTHERS. THE INFORMATION IS SHOWN FOR GENERAL INFORMATION ONLY AND THE ACCURACY OR COMPLETENESS OF THE PROVIDED INFORMATION HAS NOT BEEN CONFIRMED. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCE IS TO BE IMMEDIATELY REPORTED TO THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE ENGINEER OF POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTOR'S EXPENSE.
- THIS PLAN SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS PLANS. ANY DISCREPANCIES SHALL BE CLARIFIED PRIOR TO CONSTRUCTION. INFORMATION RELATED TO DIMENSIONS FOR PRIVATE ROADS, PARKING, CURBING, BUILDING LOCATION AND SETBACKS SHALL BE TAKEN FROM THE SITEPLAN PREPARED BY THE SITE ARCHITECT.
- ALL DIMENSIONS AND ELEVATIONS TO BE VERIFIED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES FOUND PRIOR TO OR DURING CONSTRUCTION SHALL BE CLARIFIED WITH THE ENGINEER.
- INSPECTIONS: ALL WORK IN THE MUNICIPAL RIGHT OF WAY AND EASEMENTS IS TO BE INSPECTED BY THE CITY PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMANS AND SEWERS TO BE INSPECTED BY THE CITY AS PER THE SITE PLAN AGREEMENT.
- CONTRACTOR IS TO INSTALL SEDIMENT CONTROL FENCE AS INDICATED ON THE PLANS, MAINTAIN THE FENCING FOR THE DURATION OF CONTRACT AND REMOVE UPON COMPLETION OF THE WORK.
- ALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED TO THE SATISFACTION OF THE CITY PRIOR TO COMMENCEMENT OF WORK.
- ALL DISTURBED GRASSED AREAS TO BE RESTORED WITH MINIMUM 200mm TOPSOIL AND No. 1 NURSERY SOD.
- THE CONTRACTOR AGREES NOT TO MAKE A MATERIAL CHANGE OR CAUSE A MATERIAL CHANGE TO BE MADE TO A PLAN, SPECIFICATION, DOCUMENT OR OTHER INFORMATION, ON THE BASIS OF WHICH THIS DRAWING WAS APPROVED BY THE CITY, WITHOUT NOTIFYING, FILING DETAILS WITH AND OBTAINING WRITTEN AUTHORIZATION OF THE CITY AND PROJECT ENGINEER.

**STORM AND SANITARY SEWERS**

- FOR CONSTRUCTION DETAILS NOT SHOWN ON PLANS, REFERENCE SHALL BE MADE TO THE ONTARIO PROVINCIAL STANDARDS DRAWINGS, AND THE CITY OF OSHAWA AND REGION OF DURHAM STANDARDS.
- ALL STORM MANHOLES TO BE PER OPSD 701.010-701.014 (SIZES AS INDICATED ON PLANS) WITH FRAME AND COVER PER OPSD 401.010. TYPE 'A' SAFETY PLATFORMS TO BE INSTALLED IN ALL MANHOLES WHERE DEPTH EXCEEDS 5.0m AS PER OPSD 404.020.
- ALL STORM SEWERS UP TO 450mm DIA. SHALL BE PVC SDR 35 SEWER WITH FITTINGS IN ACCORDANCE WITH CSA B182.4-02 OR LATEST AMENDMENT UNLESS OTHERWISE SPECIFIED. PVC SEWER SHALL MEET THE CSA AND ASTM REQUIREMENTS AS NOTED WITHIN OPSD 1841. ALL STORM SEWERS 525mm OR LARGER SHALL BE REINFORCED CONCRETE IN ACCORDANCE WITH C.S.A. SPECIFICATION A257.2-03 REINFORCED CLASS 65-D UNLESS OTHERWISE NOTED.
- PVC STORM SEWER BEDDING SHALL BE IN ACCORDANCE WITH OPSD 802.010, OPSS 1010 GRANULAR 'A' TO TOP OF PIPE WITH A MINIMUM 300mm SAND COVER OVER THE PIPE. CONCRETE STORM SEWER BEDDING SHALL BE IN ACCORDANCE WITH OPSD 802.030 - CLASS B, OPSS 1010 GRANULAR 'A' TO SPRINGLINE. ALL BEDDING AND COVER MATERIAL ARE TO BE COMPACTED TO MINIMUM 98% SPMD, WITHIN 0.5m OF SUBGRADE ELEVATION, BACKFILL TO BE COMPACTED TO 100% SPMD.
- ALL SINGLE CATCH BASINS TO BE PRECAST AS PER OPSD 705.010, WITH FRAME AND GRATE AS PER OPSD 400.020.
- ALL DOUBLE CATCH BASINS TO BE PRECAST AS PER OPSD 705.020, WITH FRAME AND GRATE PER OPSD 400.020.
- ALL SINGLE CATCHBASIN LEADS TO BE 200mmØ PVC ULTRA RIB OR APPROVED EQUIVALENT UNLESS OTHERWISE SPECIFIED. ALL DOUBLE CATCHBASIN LEADS TO BE 250mmØ PVC ULTRA RIB OR APPROVED EQUIVALENT UNLESS OTHERWISE SPECIFIED.
- ALL CATCHBASIN LEAD INVERTS TO BE 1.5m BELOW FINISHED GRADE UNLESS OTHERWISE SPECIFIED. CATCHBASIN LEADS TO HAVE MINIMUM 1.0% AND MAXIMUM 5.0% SLOPE UNLESS OTHERWISE SPECIFIED.
- ALL SANITARY MANHOLES SHALL BE MIN. 1200mmØ UNLESS OTHERWISE SPECIFIED AND IN ACCORDANCE WITH OPSD 701.010, WITH FRAME AND COVER AS PER OPSD 401.010, TYPE 'A'. FRAME AND COVER AS PER OPSD 401.030 (WATERTIGHT COVERS SHALL BE USED IN STORMWATER PONDING AREAS).
- ALL SANITARY AND STORM MAINS TO HAVE MINIMUM COVER OF 1.5m BELOW FINISHED GRADES UNLESS OTHERWISE INDICATED.
- ALL SANITARY SEWERS SHALL BE PVC (DR 35) MEETING CSA SPECIFICATION B182.2-02. FITTINGS FOR PVC SANITARY SEWER PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH A.S.T.M. SPECIFICATION D 3034 AND JOINTS SHALL BE BELL AND SPIGOT WITH RUBBER GASKETS.
- BEDDING FOR SANITARY SEWERS SHALL BE IN ACCORDANCE WITH OPSD 802.010, OPSS 1010 GRANULAR 'A' TO TOP OF PIPE WITH MINIMUM 300mm SAND COVER OVER PIPE. ALL BEDDING AND COVER MATERIAL ARE TO BE COMPACTED TO MINIMUM 95% SPMD, WITHIN 0.5m OF SUBGRADE ELEVATION, BACKFILL TO BE COMPACTED TO 98% SPMD.
- ALL MANHOLE AND CATCHBASIN EXCAVATIONS TO BE BACKFILLED WITH OPSD 1010 GRANULAR 'B' - TYPE 'A' COMPACTED TO 98% SPMD, WITHIN 0.5m OF SUBGRADE ELEVATION BACKFILL TO BE COMPACTED TO 100% SPMD.
- STORM MANHOLES TO BE BENCH TO SPRINGLINE AND SANITARY TO OVERT UNLESS OTHERWISE SPECIFIED. MINIMUM WIDTH OF BENCHING TO BE 0.230m OR AS SPECIFIED ON DRAWINGS.
- 'MODULOC' OR APPROVED PRE-CAST MANHOLE AND CATCH BASIN ADJUSTERS TO BE USED FOR ELEVATION ADJUSTMENT. PARGE ADJUSTING UNITS ON THE OUTSIDE ONLY.
- SERVICES TO BUILDINGS SHALL BE TERMINATED 1.5m FROM THE BUILDING ENVELOPE UNLESS OTHERWISE NOTED.
- ALL BUILDING SERVICES SHALL BE CAPPED AND MARKED WITH A 4X4 PAINTED GREEN (SANITARY), YELLOW (STORM). THE 4X4 SHALL EXTEND 0.6m ABOVE GRADE.
- THE CONTRACTOR IS TO FLUSH AND PROVIDE CCTV CAMERA INSPECTIONS OF ALL SEWERS, INCLUDING PICTORIAL REPORT, AND TWO (2) CDs IN A FORMAT ACCEPTABLE TO THE ENGINEER, PRIOR TO TOPCOAT ASPHALT.
- ALL SEWER WORK ON PRIVATE PROPERTY IS TO BE DONE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE.
- LASER ALIGNMENT TO BE USED ON ALL SEWER INSTALLATIONS.

**LEGEND**



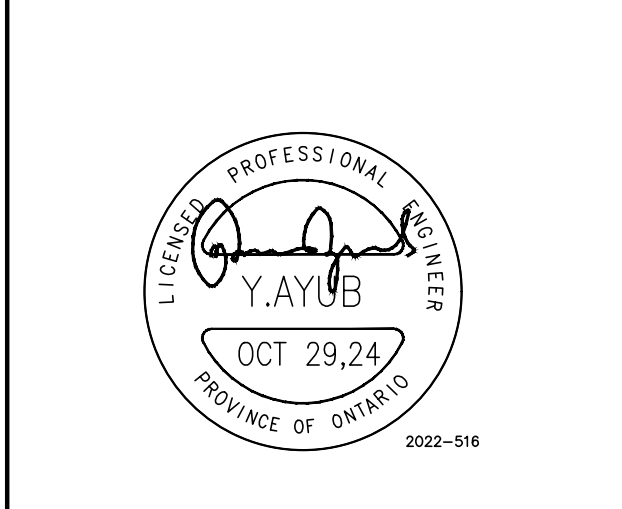
**TOPOGRAPHIC DATA**  
 PLAN OF PART OF BLOCK A  
 REGISTERED PLAN 279  
 CITY OF OSHAWA  
 REGION MUNICIPALITY OF DURHAM

**INFORMATION TAKEN FROM ERTL SURVEYORS**  
 ONTARIO LAND SURVEYORS  
 1234 REID STREET, UNIT 10, RICHMOND HILL L4B 1C1  
 TELEPHONE (905) 731-7834 FAX (905) 731-7852  
 DRAWING: 21613-1B-2022-JAN-21.DWG

**BEARING NOTE**  
 BEARINGS ARE ASTROMONIC AND ARE REFERRED TO THE WESTERLY LIMIT OF FRONT STREET. HAVING A BEARING OF N17°08'50"W AS SHOWN ON PLAN 40R-1295.

**BENCHMARK**  
 ELEVATIONS ARE GEODETIC AND REFERRED TO CITY OF OSHAWA B.M. NO. 98. ELEVATION = 100.084M

**DRAWING REFERENCES**  
 1. THE SITE PLAN MUST BE READ IN CONJUNCTION WITH ARCHITECTURAL, LANDSCAPING, ELECTRICAL & STRUCTURAL PLANS.  
 2. FOR SEDIMENTATION CONTROL, NOTES & DETAILS REFER DRAWING NO. C103.  
 3. FOR GRADING, REFER DRAWING NO. C101



REVISION	DESCRIPTION	DATE
2	ISSUED FOR APPROVAL	OCT 29/24
1	ISSUED FOR APPROVAL	MAR 23/22

**JAIN**  
 Jain Infrastructure Consultants Ltd.  
 7405 EAST DANBRO CRESCENT  
 MISSISSAUGA, ON L5N 6P8  
 TEL: (905) 285-9900, FAX: (905) 567-5246  
 Email: yayub@jainconsultants.com

**PROJECT**  
 RESIDENTIAL  
 63 ALBANY STREET,  
 OSHAWA, ONTARIO

**DRAWING TITLE**  
 SITE SERVICING PLAN

SCALE: (ARCH 36"x24") 1:250  
 DATE: Oct. 31, 24  
 DRAWN BY: CC  
 CHECKED BY: YA

**DWG No.**  
**C101**