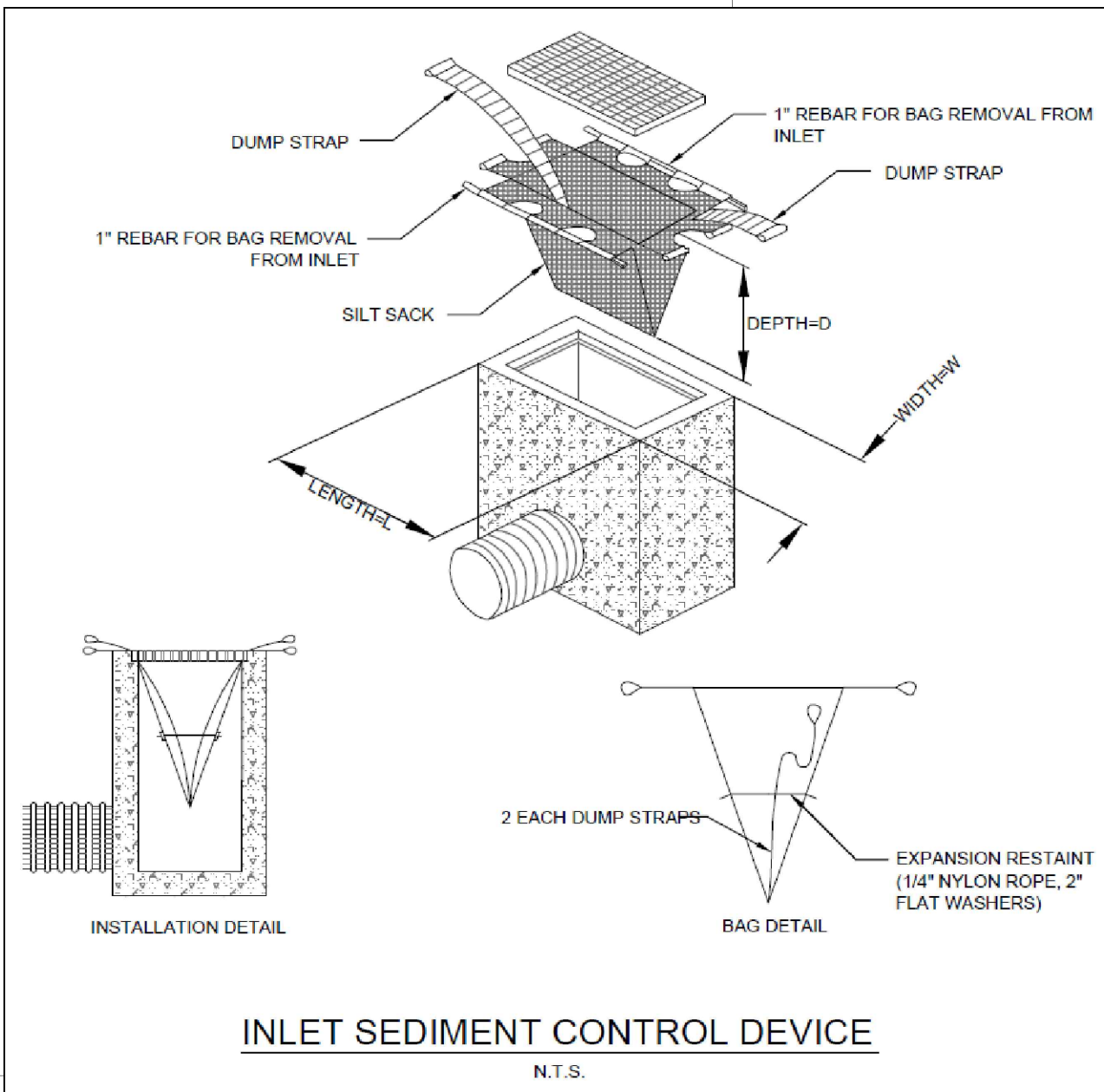


GENERAL NOTES

- 1. THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND SURVEY DATA SHOWN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY... 2. THIS PLAN IS NOT A CADASTRAL SURVEY... 3. THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS... 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT... 5. THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES... 6. RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL... 7. EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL... 8. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION... 9. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION... 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES... 11. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL... 12. ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY OR TOWNSHIP STANDARDS... 13. CONTACT THE CITY OR TOWNSHIP FOR INSPECTION OF ROUGH GRADING... 14. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION... 15. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS ARE SUBJECT TO THE INDIVIDUAL AGENCY...

EROSION AND SEDIMENT CONTROL

- 1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE... 2. AT THE DISCRETION OF THE PROJECT MANAGER OR MUNICIPAL STAFF, ADDITIONAL SILT CONTROL DEVICES SHALL BE INSTALLED AT DESIGNATED LOCATIONS... 3. FOR SILT FENCE BARRIER, USE OPSD 219.110... 4. EXCEPT AS PROVIDED IN PARAGRAPHS 4.1., AND 4.2. BELOW, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS FEASIBLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED... 5. SEDIMENT THAT IS ACCUMULATED BY THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED IN A MANNER THAT AVOIDS ESCAPE OF THE SEDIMENT TO THE DOWNSTREAM SIDE... 6. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MONITORED TO ENSURE THEY ARE IN EFFECTIVE WORKING ORDER... 7. DUST CONTROL MEASURES SHOULD BE CONSIDERED PRIOR TO CLEARING AND GRADING... 8. ALL 'GREEN AREAS' TO BE TREATED WITH 150mm TOPSOIL AND SOD AS SOON AS FEASIBLE... 9. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION... 10. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION... 11. STOCKPILED MATERIAL IS TO BE STORED AWAY FROM POTENTIAL RECEIVERS... 12. IF REQUIRED, DEWATERING/SETTLING BASINS SHALL BE CONSTRUCTED AS PER OPSD 219.240... 13. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO OPSD 577... 14. WHERE DEWATERING IS REQUIRED, THE DISCHARGED WATER SHALL BE CONTROLLED IN ACCORDANCE WITH OPSD 518... 15. ALL SETTLING/FILTRATION BASINS SHALL BE EQUIPPED WITH TERRAFIX 270R GEOTEXTILE...

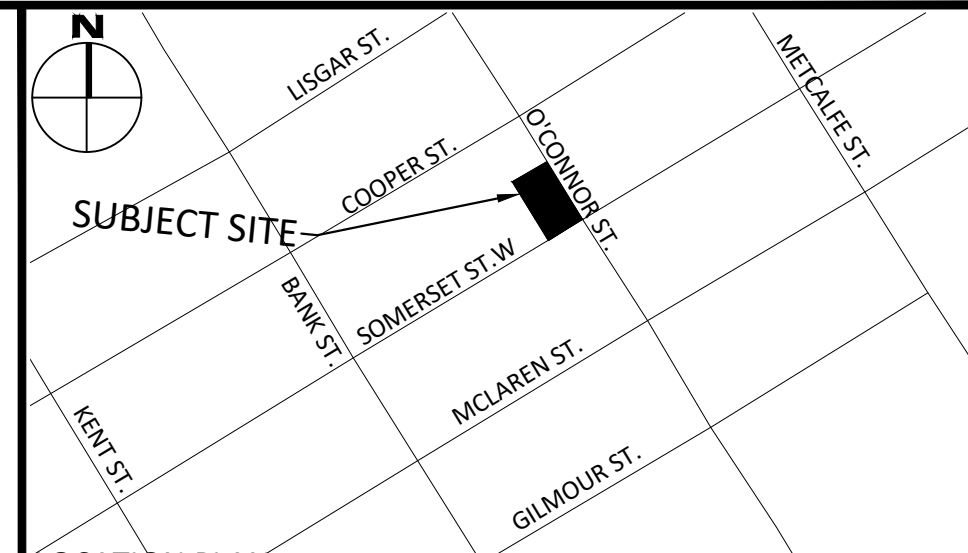
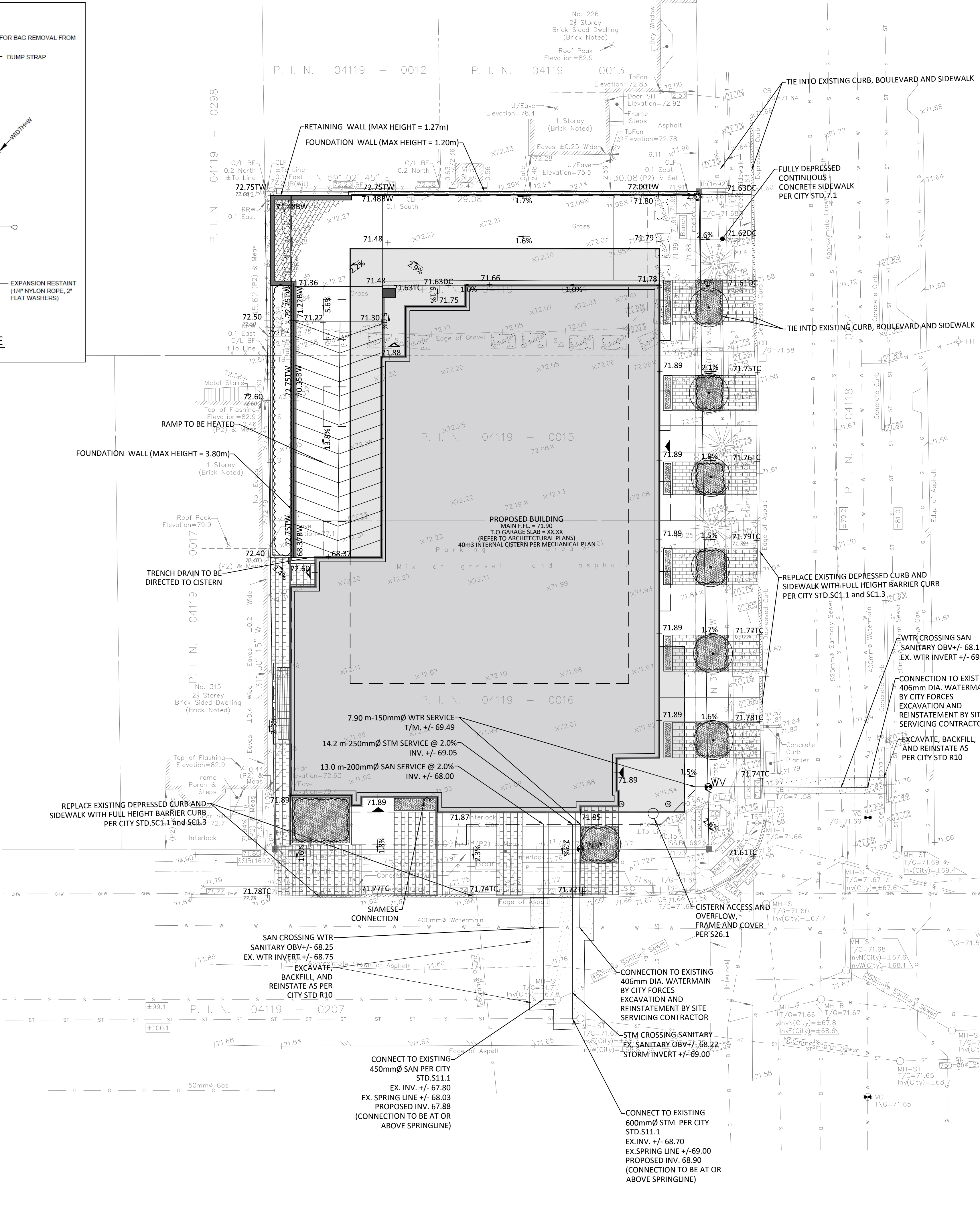


SEWER NOTES

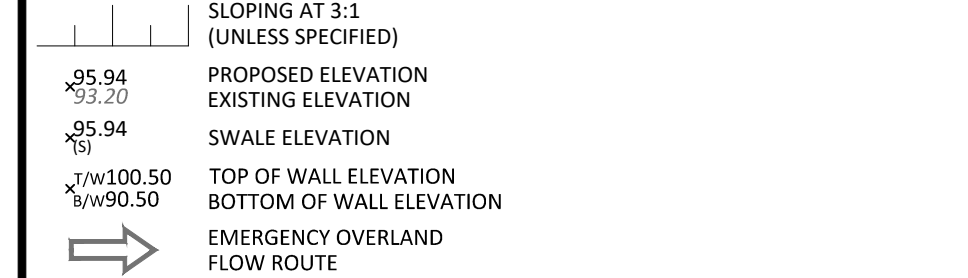
- 1. CONSTRUCT ALL SEWERS AND APPURTENANCES TO CITY OR TOWNSHIP STANDARDS... 2. SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013... 3. BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR 'A'... 4. SUB-BEDDING, IF REQUIRED SHALL BE AS PER THE DIRECTION OF A GEOTECHNICAL ENGINEER... 5. BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR 'A' OR SAND... 6. TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL... 7. SEWERS AND CONNECTIONS 150mm DIAMETER AND SMALLER TO BE PVC SDR 28... 8. INSULATE ALL SEWERS AND/OR SERVICES THAT HAVE LESS THAN 1.5m OF COVER WITH THERMAL INSULATION... 9. SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED... 10. CONTRACTOR TO TELEVIEW (CCTV) ALL PROPOSED SEWERS ONSITE... 11. DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION... 12. ALL CATCHBASIN AND CATCHBASIN MANHOLE LEADS ARE TO BE MINIMUM 200mmØ WITH MINIMUM 1.0% SLOPE... 13. ALL CATCHBASINS EXCLUDING LANDSCAPE CATCHBASINS ARE TO HAVE 150 mmØ PERFORATED PIPE FOR 3.0m ON ALL AVAILABLE SIDES...

WATERMAIN NOTES

- 1. CONSTRUCT ALL WATERMANS AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS... 2. INDUSTRIAL/COMMERCIAL SERVICE CONNECTIONS TO BE 50mm COPPER PIPING... 3. WATERMANS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m... 4. IF THE WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT... 5. USE APPROVED SADDLE CONNECTION WITH MAIN (CORPORATION) STOP AS PER CITY OF OTTAWA STANDARD DRAWING 'W26'... 6. CONNECTION TO EXISTING BY CITY OR TOWNSHIP FORCES... 7. THERMAL INSULATION OF WATERMANS AT OPEN STRUCTURES... 8. THERMAL INSULATION OF WATERMANS UNDER ROAD SIDE DITCHES... 9. SWABING, CHLORINATION AND CONTINUITY TESTING FOR PROPOSED WATER SERVICES...



LEGEND table listing symbols for barrier curb, easement, heavy duty asphalt, concrete sidewalk, storm manhole, catchbasin, landscape catchbasin, sanitary manhole, perforated pipe, water valve, fire hydrant, centerline of swale, and silt fence.



FOR REVIEW ONLY NOT FOR CONSTRUCTION

Revisions table with columns for No., Revisions, and Date, listing several coordination and control issues.

SCALE 1:150

McINTOSH PERRY 115 Walgreen Road, RR3, Carp, ON K0A 1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com

Professional Engineer stamp for R.D. FRIEL, dated 2021-02-11, and a north arrow pointing towards the top-right.

Client: GEMSTONE CORPORATION 252 ARGYLE AVENUE OTTAWA, ON, K2P 1B9 Project: 16 STOREY APARTMENT BUILDING 311 SOMERSET STREET WEST

Drawing Title: SITE GRADING, SERVICING, DRAINAGE AND SEDIMENT & EROSION CONTROL Scale: 1:150 Project Number: CCO-21-2341 Drawn By: C.M.K. Checked By: R.D.F. Designed By: C.M.K.