

DESCRIPTION

SITE FEATURES

Table with columns: DESCRIPTION, EXISTING, PROPOSED. Rows include: PROPERTY LINE, TOP OF SLOPE, TERRACING (3:1 TYPICAL), DITCH/SWALE AND DIRECTION OF FLOW, EDGE OF SHOULDER, EDGE OF PAVEMENT, ROAD/ALIGNMENT, CHAINLINK FENCE, POST AND RAIL FENCE, SIDEWALK, BARRIER CURB, MOUNTABLE CURB, DEPRESSED CURB, TACTILE WALKING SURFACE INDICATOR, GUARDRAIL, JERSEY BARRIERS, BUILDING ENTRY/EXIT WITH RISERS, BUILDING ENTRY/EXIT BARRIER FREE, BUILDING ENTRY/EXIT OVERHEAD DOOR, POST, SIGN, BOLLARD, VEGETATION.

UTILITY AND STRUCTURES

Table with columns: DESCRIPTION, EXISTING, PROPOSED. Rows include: HYDRO (OVERHEAD), HYDRO, POWER, ELECTRICAL, BELL (OVERHEAD), BELL, CABLE (OVERHEAD), CABLE TV, FIBRE OPTIC, STREETLIGHT, GASMAIN, JOINT USE TRENCH, JOINT USE TRENCH - HYDRO/BELL/CABLE TV/GAS, JOINT USE TRENCH - BELL/CABLE TV/GAS, DUCT CROSSING WITH NUMBER AND TYPE OF DUCTS, STREETLIGHT, STREETLIGHT DISCONNECT, HYDRO TRANSFORMER, HYDRO SWITCHING KIOSK, HYDRO MANHOLE, HYDRO METER, UTILITY POLE AND GUY WIRE, CABLE PEDESTAL, BELL PEDESTAL, BELL MANHOLE, BELL GROUND LEVEL BOX, ENDWALL, COMMUNITY MAILBOX, GAS VALVE, GAS METER, TRAFFIC MANHOLE, TRAFFIC HAND HOLE, TRAFFIC JOINT USE POLE, TRAFFIC MAST ARM, TRAFFIC CONDUIT.

EXISTING

PROPOSED

DESCRIPTION

SERVICES AND STRUCTURES

Table with columns: DESCRIPTION, EXISTING, PROPOSED. Rows include: SANITARY SEWER, COMBINATION SEWER, STORM SEWER, STORM SUBDRAIN, STORM CULVERT, SANITARY MANHOLE, COMBINATION MANHOLE, STORM MANHOLE, CATCHBASIN MANHOLE, CATCHBASIN, DOUBLE CATCHBASIN, CATCHBASIN ELBOW, CATCHBASIN TEE, CURB INLET CATCHBASIN, DITCH INLET CATCHBASIN, WATERMAIN, IRRIGATION, VALVE AND VALVE BOX, VALVE AND VALVE CHAMBER, FIRE HYDRANT, SIAMASE CONNECTION, WATER METER, REMOTE WATER METER, 45° BEND, 22.5° BEND, 11.25° BEND, TEE, REDUCER, CROSS, CURB STOP, WATER WELL.

GRADING

Table with columns: DESCRIPTION, EXISTING, PROPOSED. Rows include: GROUND ELEVATION, SWALE ELEVATION, AOV TOPO TOP OF WALL ELEVATION, TOP OF GRATE ELEVATION, TOP OF WALL ELEVATION, BOTTOM OF WALL ELEVATION, FINISHED FLOOR ELEVATION, TOP OF FOUNDATION ELEVATION, BASEMENT FLOOR ELEVATION, PARKING LEVEL ELEVATION, UNDERSIDE OF FOOTING ELEVATION, ORIGINAL GROUND ELEVATION, TOP OF ROCK ELEVATION, CONTOUR LINES, SLOPE AND DIRECTION OF FLOW, EMERGENCY OVERLAND FLOW ROUTE ONSITE, OVERLAND FLOW ROUTE EXTERNAL.

STORMWATER MANAGEMENT

Table with columns: DESCRIPTION, EXISTING, PROPOSED. Rows include: STORM DRAINAGE AREA BOUNDARY, STORM DRAINAGE AREA NUMBER, STORM DRAINAGE AREA IN HECTARES, RUN-OFF COEFFICIENT, 5 YEAR PONDING AREA, 100 YEAR PONDING AREA.

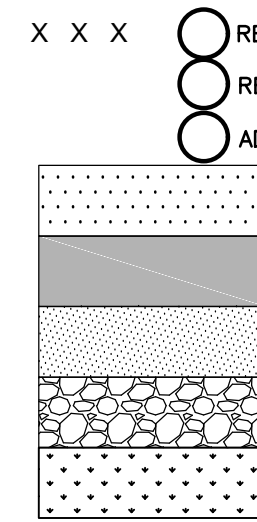
GEOTECHNICAL

Table with columns: DESCRIPTION, EXISTING, PROPOSED. Rows include: BOREHOLE, TEST PIT, COREHOLE, PIEZOMETER, MONITORING WELL.

DESCRIPTION

MISCELLANEOUS

Table with columns: DESCRIPTION, EXISTING, PROPOSED. Rows include: REMOVED, RELOCATED, ADJUSTED, PAVEMENT OVER PARKING GARAGE, PAVEMENT OVER EARTH, ROAD REINSTATEMENT AS PER CITY STANDARD R10, RIP-RAP AS PER OPSD 810.010, LANDSCAPE REINSTATEMENT, HEAVY DUTY PAVEMENT STRUCTURE AREAS OVER PARKING STRUCTURES, HEAVY DUTY PAVEMENT STRUCTURE AREAS OVER EARTH.



GENERAL NOTES

- 1. ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS), WHERE APPLICABLE.
2. THE LOCATION OF UTILITIES IS APPROXIMATE ONLY...
3. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING SERVICES PRIOR TO ANY CONSTRUCTION...
4. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS...
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS...
6. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 'OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS'...
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION, BACKFILL AND REINSTATEMENT OF ALL AREAS DISTURBED...
8. ANY AREAS BEYOND THE LIMIT OF THE SITE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER...
9. THE CONTRACTOR SHALL COMPLY WITH THE CITY OF OTTAWA REQUIREMENTS FOR TRAFFIC CONTROL...
10. THE SUPPORT OF ALL UTILITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION...
11. THERE WILL BE NO SUBSTITUTION OF MATERIALS UNLESS WRITTEN APPROVAL BY THE ENGINEER HAS BEEN OBTAINED...
12. EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE...
13. THE SITE LAYOUT IS THE RESPONSIBILITY OF THE CONTRACTOR...
14. ALL EDGES OF DISTURBED PAVEMENT SHALL BE SAW CUT TO FORM A NEAT AND STRAIGHT LINE...
15. FOR GEOTECHNICAL INFORMATION REFER TO GEOTECHNICAL INVESTIGATION REPORT...
16. THE CONTRACTOR SHALL APPRAISE HIS/HER SELF OF ALL SURFACE AND SUBSURFACE CONDITIONS...
17. DO NOT CONSTRUCT USING DRAWINGS THAT ARE NOT MARKED 'ISSUED FOR CONSTRUCTION'...
18. FOR TOPOGRAPHICAL INFORMATION REFER TO PLAN PREPARED BY ANIS, O'SULLIVAN, VOLLEBEK SURVEYING LTD...
19. CIVIL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, STRUCTURAL, LANDSCAPE AND LEGAL DRAWINGS.

SANITARY SEWER NOTES

- 1. ALL SANITARY SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS).
2. ALL SANITARY SEWERS SHALL BE PVC SDR 35, IPEX 'RING-TITE' (OR EQUIVALENT), AS PER CSA STANDARD B182.2 OR LATEST AMENDMENT...
3. SANITARY SEWER TRENCH AND BEDDING SHALL BE AS PER CITY OF OTTAWA STD. S6 AND S7, CLASS 'B' BEDDING UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL CONDUCT CCTV INSPECTION OF ALL NEWLY INSTALLED SANITARY SEWERS AND EXISTING SEWERS CONNECTED TO THE TEST SHALL BE PERFORMED IMMEDIATELY AFTER SEWERS INSTALLED.

ROAD NOTES

- 1. PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. R10 AND OPSD 509.010, UNLESS OTHERWISE NOTED.
2. GRANULAR 'A' SHALL BE PLACED TO A MINIMUM THICKNESS OF 300mm AROUND ALL STRUCTURES WITHIN PAVEMENT AREA.
3. ALL GRANULAR FOR ROADS SHALL BE COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
4. FOR PAVEMENT STRUCTURE DETAILS REFER TO LEGEND.

CAUTION: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS...

Table with columns: REV, REVISION DESCRIPTION, DATE, BY, APPD. Rows include revision history from 1 to 7.

Table with columns: DESIGNED BY, CHECKED BY, REVIEWED BY, SCALE. Rows include design and review information.

Client information: 11061917 CANADA INCORPORATED, 100-768 ST. JOSEPH BOULEVARD, GATINEAU, QC. J8Y 4B8. Includes exp. logo and contact details.

Project information: 11061917 CANADA INC RESIDENTIAL DEVELOPMENT, 365 FOREST STREET, OTTAWA, ONTARIO. Includes drawing title 'NOTES AND LEGEND SHEET' and drawing number 'C001'.