

| DESCRIPTION | EXISTING | PROPOSED | DESCRIPTION | EXISTING | PROPOSED | DESCRIPTION |
|--|--------------|--------------|-----------------------------------|-----------------------|------------------|-------------------|
| SITE FEATURES | | | SERVICES AND STRUCTURES | | | MISCELL |
| PROPERTY LINE | — - - - - | — - - - - | SANITARY SEWER | SA EX.250mmØ SAN | 250mmØ SAN | REMOVED |
| TOP OF SLOPE | — - - - - | — - - - - | COMBINATION SEWER | SA EX.300mmØ COMB | 300mmØ COMB | RELOCATED |
| TERRACING (3:1 TYPICAL) | | | STORM SEWER | ST EX.375mmØ STM | 375mmØ STM | ADJUSTED |
| Q DITCH/SWALE AND DIRECTION OF FLOW | — - - - - → | — - - - - → | STORM SUBDRAIN | ST EX.150mmØ SUBDRAIN | 150mmØ SUBDRAIN | ROAD REINS R10 |
| EDGE OF SHOULDER | — — — — — | — — — — — | STORM CULVERT | EX.600mmØ CULVERT | 600mmØ CULVERT | RIP-RAP AS |
| EDGE OF PAVEMENT | — — — — — | — — — — — | SANITARY MANHOLE | ○ EX.SAN | ● SANMH 100 | |
| Q ROAD/ALIGNMENT | — — — — — | — — — — — | COMBINATION MANHOLE | ○ EX.COMB | ○ COMBMH 100 | LANDSCAPE |
| CHAINLINK FENCE | — x — x — | — x — x — | STORM MANHOLE | ○ EX.STM | ○ STMMH 200 | |
| POST AND RAIL FENCE | ○ ○ ○ ○ ○ | ○ ○ ○ ○ ○ | CATCHBASIN MANHOLE | ○ EX.CBMH | ● CBMH 100 | |
| SIDEWALK (TYPE AS NOTED ON DRAWINGS) | — — — — — | — — — — — | CATCHBASIN | □ EX.CB | ■ CB1 | |
| BARRIER CURB (SC1.1) | — — — — — | — — — — — | DOUBLE CATCHBASIN | □□ EX.DCB | ■■ DCB1 | HEAVY DU SHALL BE |
| MOUNTABLE CURB (SC1.3) | — — — — — | — — — — — | CATCHBASIN ELBOW (S30) | ○ EX.CBE | ○ CBE | 40mm H |
| DEPRESSED CURB | — DC — — — | — DC — — — | CATCHBASIN TEE (S31) | ○ EX.CBT | ○ CBT | 50mm H |
| TACTILE WALKING SURFACE INDICATOR "TWSI" (SC7.3) | ■■■■■ | ■■■■■ | CURB INLET CATCHBASIN | □ EX.CICB | ■ CICB 1 | 150mm B |
| GUARDRAIL | — II — II — | — II — II — | DITCH INLET CATCHBASIN | □ EX.DICB | ■ DICB 1 | 450mm B |
| JERSEY BARRIERS | — II — II — | — II — II — | WATERMAIN | 200mmØ WATERMAIN | 200mmØ WATERMAIN | SUBGRAD |
| BUILDING ENTRY/EXIT WITH RISERS | ▼ xR | ▼ xR | IRRIGATION | — IR — — — — IR | — IR — — — — IR | |
| BUILDING ENTRY/EXIT BARRIER FREE | ▼ BF | ▼ BF | VALVE AND VALVE BOX | ⊗ V&VB | ⊗ V&VB | |
| BUILDING ENTRY/EXIT OVERHEAD DOOR | ▽ | ▽ | VALVE AND VALVE CHAMBER | ⊗ V&VC | ⊗ V&VC | |
| POST | ○ POST | ○ POST | FIRE HYDRANT | -○ FH | -○ FH | |
| SIGN | ○ SIGN | ○ SIGN | SIAMESE CONNECTION | YY SC | YY SC | |
| BOLLARD | ○ BOLL | ○ BOLL | WATER METER | (M) | (M) | |
| VEGETATION | ○○○○○ | ○○○○○ | REMOTE WATER METER | RM | RM | |
| | | | 45° BEND | ~ 45° | ~ 45° | |
| | | | 22.5° BEND | ~ 22° | ~ 22° | |
| | | | 11.25° BEND | ~ 11° | ~ 11° | |
| | | | TEE | — 200X150 TEE | — 200X150 TEE | |
| | | | REDUCER | ▷ 200X100 RED | ▷ 200X100 RED | |
| | | | CROSS | — 300X200 CROSS | — 300X200 CROSS | |
| | | | CURB STOP | ⊗ CS | ● CS | |
| | | | WATER WELL | ⊗ W | ⊗ W | |
| UTILITY AND STRUCTURES | | | GRADING | | | |
| JOINT UTILITY OVERHEAD LINE | — - - - - | — - - - - | GROUND ELEVATION | X 100.00 | X 100.00 | |
| HYDRO (OVERHEAD) | — OH — | — OH — | SWALE ELEVATION | X 100.00(S) | X 100.00(S) | |
| HYDRO | — H — | — H — | TOP OF GRATE ELEVATION | T/G=100.00 | T/G=100.00 | |
| POWER | — P — P — | — P — P — | TOP OF WALL ELEVATION | X 100.00 T/W | X 100.00 T/W | |
| ELECTRICAL | — E — | — E — | BOTTOM OF WALL ELEVATION | X 100.00 B/W | X 100.00 B/W | |
| BELL (OVERHEAD) | — OB — | — OB — | FINISHED FLOOR ELEVATION | FF=100.00 | FF=100.00 | |
| BELL | — B — | — B — | TOP OF FOUNDATION ELEVATION | TF=100.00 | TF=100.00 | |
| CABLE (OVERHEAD) | — OC — | — OC — | BASEMENT FLOOR ELEVATION | BF=100.00 | BF=100.00 | |
| CABLE TV | — C — | — C — | PARKING LEVEL ELEVATION | P1=100.00 | P1=100.00 | |
| FIBRE OPTIC | — FO — | — FO — | UNDERSIDE OF FOOTING ELEVATION | USF=100.00 | USF=100.00 | |
| STREETLIGHT | — SL — SL — | — SL — SL — | ORIGINAL GROUND ELEVATION | OG=100.00 | OG=100.00 | |
| GASMAIN | — G — G — | — G — G — | TOP OF ROCK ELEVATION | T/ROCK=100.00 | T/ROCK=100.00 | |
| JOINT USE TRENCH - BELL/CABLE TV | — BC — | — BC — | CONTOUR LINES | — 100.00 — | — 100.00 — | |
| JOINT USE TRENCH - HYDRO/CABLE TV | — HC — | — HC — | SLOPE AND DIRECTION OF FLOW | — 2.0% — | — 2.0% — | |
| JOINT USE TRENCH - HYDRO/BELL/CABLE TV | — HBC — | — HBC — | | | | |
| JOINT USE TRENCH - HYDRO/BELL/CABLE TV/GAS | — HBCG — | — HBCG — | | | | |
| JOINT USE TRENCH - BELL/CABLE TV/GAS | — BCG — | — BCG — | | | | |
| DUCT CROSSING WITH NUMBER AND TYPE OF DUCTS | — 2H,2C,2B — | — 2H,2C,2B — | | | | |
| STREETLIGHT (c/w GROUND ROD WHERE REQUIRED) | — LS — | — LS — | | | | |
| STREETLIGHT DISCONNECT | — SD — | — SD — | | | | |
| HYDRO TRANSFORMER | — □ — | — □ — | | | | |
| HYDRO SWITCHING KIOSK | — ○ — | — ○ — | | | | |
| HYDRO MANHOLE | — ⊙ — | — ⊙ — | | | | |
| HYDRO METER | — ♦ — | — ♦ — | | | | |
| UTILITY POLE AND GUY WIRE | — OUP — | — OUP — | STORMWATER MANAGEMENT | | | |
| CABLE PEDESTAL | — C — | — C — | MAJOR OVERLAND FLOW ROUTE ONSITE | | | |
| BELL PEDESTAL | — B — | — B — | MAJOR OVERLAND FLOW ROUTE OFFSITE | | | |
| BELL MANHOLE | — B — | — B — | EMERGENCY OVERLAND FLOW ROUTE | | | |
| BELL GROUND LEVEL BOX | — GLB — | — GLB — | STORM DRAINAGE AREA BOUNDARY | | | |
| ENDWALL | — — — — | — — — — | STORM DRAINAGE AREA NUMBER | | | |
| COMMUNITY MAILBOX | — CMB — | — CMB — | STORM DRAINAGE AREA IN HECTARES | | | |
| GAS VALVE | — GV — | — GV — | RUN-OFF COEFFICIENT | | | |
| GAS METER | — ♦ — | — ♦ — | | | | |
| TRAFFIC MANHOLE | ○ TMH — | ○ TMH — | | | | |
| TRAFFIC HAND HOLE | — HH — | — HH — | | | | |
| TRAFFIC JOINT USE POLE | ○ JUP — | ○ JUP — | | | | |
| TRAFFIC MAST ARM | — MAF — | — MAF — | | | | |
| TRAFFIC CONDUIT | — T — T — | — T — T — | | | | |

CAUTION

THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

JOB BENCH MARK JBM ▲
CITY OF OTTAWA CONTROL MONUMENT 20160007 WITH AN OF ELEVATION=52.51
NORTHING=5040095.91 EASTING=384293.97

TOPOGRAPHIC INFORMATION
PART OF LOT 30, CONCESSION 1 (OLD SURVEY),
GEOGRAPHIC TOWNSHIP OF CUMBERLAND, CITY OF OTTAWA
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. O.L.S
(TP388Z) SURVEY DATED APRIL 30, 2025. (FINAL AMENDMENT)
SITE GRID SYSTEM MTM NAD 83, ZONE 9,

GEOTECHNICAL

The legend consists of four pairs of symbols. Each pair on the left is labeled with a text label above it. The first symbol in each pair is a circle with a cross inside, representing a borehole (BH). The second symbol in each pair is a square with a cross inside, representing a test pit (TP). The third symbol in each pair is a circle with a cross inside, representing a corehole (CH). The fourth symbol in each pair is a square with a cross inside, representing a piezometer (PIZ). The labels are: BOREHOLE, TEST PIT, COREHOLE, and PIEZOMETER.

GENERAL NOTES

- 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.
- THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LOCATION AND STATUS OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION OF PLANT AND EQUIPMENT FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY SERVICES OR UTILITIES DISTURBED DURING CONSTRUCTION, TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING SERVICES PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL CONFIRM LOCATIONS AND ELEVATIONS OF EXISTING SERVICES AND STRUCTURES TO BE CONNECTED TO AND EXISTING SERVICES THAT MAY BE DAMAGED OR CAUSE CONFLICTS PRIOR TO CONSTRUCTION OF ANY NEW SEWER, WATER AND/OR STORM WATER WORKS. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES, INTERPRETATIONS, CHANGES AND ADDITIONS TO THESE DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER, WHEN NOTED AND BEFORE PROCEEDING WITH CONSTRUCTION WORKS. DO NOT CONTINUE CONSTRUCTION IN AREAS WHERE DISCREPANCIES APPEAR UNTIL SUCH DISCREPANCIES HAVE BEEN RESOLVED.
- ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED. ALL DRAWINGS SHOULD NOT BE SCALED BY THE CONTRACTOR. ANY MISSING OR QUESTIONABLE DIMENSIONS ARE TO BE CONFIRMED WITH THE ENGINEER IN WRITING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND BEAR COST OF THE SAME.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS", THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION, BACKFILL AND REINSTATEMENT OF ALL AREAS DISTURBED DURING CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER, THE CITY OF OTTAWA AND THE AUTHORITY HAVING JURISDICTION.
- ANY AREAS BEYOND THE LIMIT OF THE SITE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL COMPLY WITH THE CITY OF OTTAWA REQUIREMENTS FOR TRAFFIC CONTROL WHEN WORKING ON CITY STREETS. ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE M.T.O. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST AMENDMENT).
- THE SUPPORT OF ALL UTILITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
- THERE WILL BE NO SUBSTITUTION OF MATERIALS UNLESS WRITTEN APPROVAL BY THE ENGINEER HAS BEEN OBTAINED.
- EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE.
- THE SITE LAYOUT IS THE RESPONSIBILITY OF THE CONTRACTOR. AS-BUILT SITE SERVICING & GRADING DRAWINGS SHALL BE MAINTAINED ON SITE BY THE CONTRACTOR.
- ALL EDGES OF DISTURBED PAVEMENT SHALL BE SAW CUT TO FORM A NEAT AND STRAIGHT LINE PRIOR TO PLACING NEW PAVEMENT.
- FOR GEOTECHNICAL INFORMATION REFER TO GEOTECHNICAL INVESTIGATION REPORT PREPARED BY PATERSON GROUP, DATED NOVEMBER 19, 2024, REPORT PG5336-1 REVISION 3
- THE CONTRACTOR SHALL APPRAISE HIS/HERSELF OF ALL SURFACE AND SUBSURFACE CONDITIONS TO BE ENCOUNTERED AND SHALL CARRY OUT THEIR OWN TEST PITS AS REQUIRED TO MAKE THEIR OWN INDEPENDENT ASSESSMENT OF GROUND CONDITIONS. THE CONTRACTOR SHALL NOT MAKE ANY CLAIM FOR ANY EXTRA COST DUE TO ANY SUCH GROUND CONDITIONS VARYING FROM THOSE ANTICIPATED BY THE CONTRACTOR.
- DO NOT CONSTRUCT USING DRAWINGS THAT ARE NOT MARKED "ISSUED FOR CONSTRUCTION".
- FOR TOPOGRAPHICAL INFORMATION REFER TO PLAN PREPARED BY ANIS, O'SULLIVAN, VOLLEBEKK SURVEYING LTD. DATED APRIL 30, 2025.
- CIVIL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, STRUCTURAL, LANDSCAPE AND LEGAL DRAWINGS.

SANITARY SEWER NOTES:

- 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).
- ALL SANITARY SEWERS SHALL BE PVC SDR 35, IPEX "RING-TITE" (OR EQUIVALENT), AS PER CSA STANDARD B182.2 OR LATEST AMENDMENT, UNLESS OTHERWISE NOTED.
- SANITARY SEWER TRENCH AND BEDDING SHALL BE AS PER CITY OF OTTAWA STD. S6 AND S7, CLASS 'B' BEDDING UNLESS OTHERWISE NOTED.
- 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

ACCORDANCE WITH OPSD 802.010 AND 802.013. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT THE PIPES FROM HEAVY CONSTRUCTION EQUIPMENT. BEDDING AND BACKFILL SHALL BE COMPAKTED TO A MINIMUM OF 95% SPMDD.

- ALL ABANDONED EXISTING SEWERS TO BE CAPPED AT THE PROPERTY LINE TO THE SATISFACTION OF THE CITY OF OTTAWA'S SEWER OPERATIONS.
- ALL SANITARY BUILDING CONNECTIONS TO BE EQUIPPED WITH A SANITARY BACKWATER VALVE. REFER TO MECHANICAL DRAWINGS.
- BENCHING IN SANITARY MANHOLES TO BE INSTALLED IN SANITARY MANHOLES AS PER OPSD 701.021
- WITHIN THE FROST ZONE, THE BACKFILL IN THE SERVICE TRENCHES SHOULD MATCH THE SOIL ON SIDES TO MINIMIZE DIFFERENTIAL FROST HEAVING IN THE SUBGRADE.
- ALL UNDERGROUND PARKING FLOOR DRAINAGE IS TO BE DIRECTED TO THE SANITARY SEWER AS PER THE CITY OF OTTAWA SEWER DESIGN GUIDE LINES, CLAUSE 6.1.10.

STORM SEWER NOTES:

- ALL STORM 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).
- ALL PVC STORM SEWERS ARE TO BE SDR 35 APPROVED PER C.S.A. B182.2 OR LATEST AMENDMENT, UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL CONSTRUCT FLEXIBLE STORM SEWERS IN ACCORDANCE WITH OPSD 802.010 AND 802.013. DURING CONSTRUCTION THE CONTRACTOR SHALL PROTECT THE PIPES FROM HEAVY CONSTRUCTION EQUIPMENT. BEDDING AND BACKFILL SHALL BE COMPAKTED TO A MINIMUM OF 95% SPMDD.
- SEWER BEDDING AS PER CITY STANDARD S6 & S7.
- ALL ABANDONED EXISTING SEWERS TO BE CAPPED AT THE PROPERTY LINE TO THE SATISFACTION OF THE CITY OF OTTAWA'S SEWER OPERATIONS.
- WITHIN THE FROST ZONE, THE BACKFILL IN THE SERVICE TRENCHES SHOULD MATCH THE SOIL ON SIDES TO MINIMIZE DIFFERENTIAL FROST HEAVING IN THE SUBGRADE AND INSULATION IS REQUIRED WHERE COVER IS LESS THAN 2.0m.
- ALL STORM SERVICES TO BE EQUIPPED WITH APPROVED BACKWATER VALVES. REFER TO MECHANICAL DRAWINGS.
- THE CONTRACTOR SHALL CONDUCT CCTV INSPECTION OF ALL NEWLY INSTALLED STORM SEWERS AND EXISTING SEWERS CONNECTED TO. THE TEST SHALL BE PERFORMED IMMEDIATELY AFTER SEWERS INSTALLED.

WATERMAIN NOTES:

- ALL PVC WATERMAIN SHALL BE PVC DR18 IN ACCORDANCE WITH AWWA C-900 CLASS 150 OR PVCO IN ACCORDANCE WITH AWWA C-909, WITH AWWA/CSA PRESSURE RATING OF 235 PSI (1620 kPa).
- ALL WATERMAIN 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).
- NO WORK SHALL COMMENCE UNLESS A CITY WATER WORKS INSPECTOR IS ON SITE. WATERMAIN CONNECTIONS BY CITY OF OTTAWA FORCES WITH ALL EXCAVATION BACKFILL AND ROAD REINSTATEMENT BY CONTRACTOR.
- WATERMAINS TRENCH AND BEDDING SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD W17, UNLESS OTHERWISE SPECIFIED. BEDDING AND COVER MATERIAL SHALL BE SPECIFIED BY PROJECT GEOTECHNICAL ENGINEER.
- CATHODIC PROTECTION IS REQUIRED ON ALL METALLIC FITTINGS AS PER CITY OF OTTAWA STD. W40. ALL ANODES SHALL BE A Z-24-48 AS PER CITY OF OTTAWA STD. W44.
- ALL WATERMAINS TO BE INSTALLED AT MINIMUM COVER OF 2.4m.
- IF WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS LESS THAN HALF THAT RECOMMENDED BY THE MANUFACTURER.
- DISINFECTION AND TESTING OF WATERMAIN TO BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS.
- WATER METER TO BE INSTALLED AS PER W32.
- INSULATION FOR WATERMAIN CROSSING OVER AND BELOW SEWER SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. W25.2 AND W25, RESPECTIVELY, WHERE WATERMAIN COVER IS LESS THAN 2.4m.
- WATERMAIN TO BE BLANKED AT MAIN, NOT AT PROPERTY LINE.
- ALL FIRE HYDRANTS TO BE INSTALLED IN ACCORDANCE WITH CITY OF OTTAWA STANDARD W18.

ROAD NOTES:

- PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. R10 AND OPSD 509.010, OPSS 310.
- GRANULAR "A" SHALL BE PLACED TO A MINIMUM THICKNESS OF 300mm AROUND ALL STRUCTURES WITHIN PAVEMENT AREA.
- ALL GRANULAR FOR ROADS SHALL BE COMPAKTED TO A MINIMUM OF 99% STANDARD PROCTOR MAXIMUM DRY DENSITY.
- FOR PAVEMENT STRUCTURE DETAILS REFER TO LEGEND

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, UNLESS OTHERWISE NOTED.
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

OTTAWA STANDARD W18.

AD NOTES:

PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. R10 AND OPSD 509.010, OPSS 310.

GRANULAR "A" SHALL BE PLACED TO A MINIMUM THICKNESS OF 300mm AROUND ALL STRUCTURES WITHIN PAVEMENT AREA.

ALL GRANULAR FOR ROADS SHALL BE COMPACTED TO A MINIMUM OF 99% STANDARD PROCTOR MAXIMUM DRY DENSITY.

FOR PAVEMENT STRUCTURE DETAILS REFER TO LEGEND

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| CLIENT TRIM 1 GP INC. 115 CHAMPAGNE AVE SOUTH OTTAWA, ON. K1S 5V5 819.664.4195 | BASEPLAN SAB | PROJECT 1015 TWEDDLE ROAD DEVELOPMENT 1015 TWEDDLE ROAD OTTAWA, ONTARIO. | PROJECT No. OTT-00259629-A0 |
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