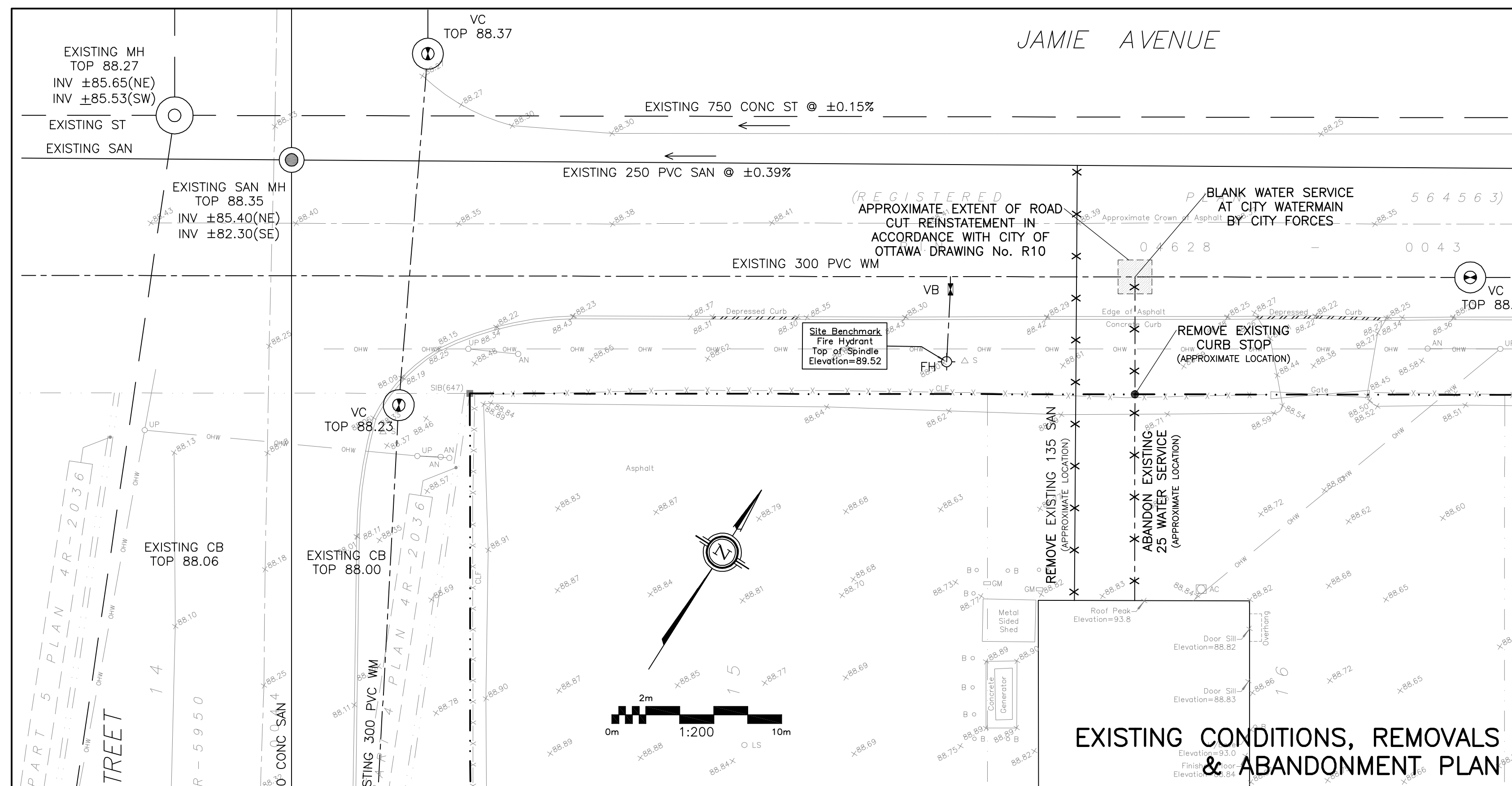








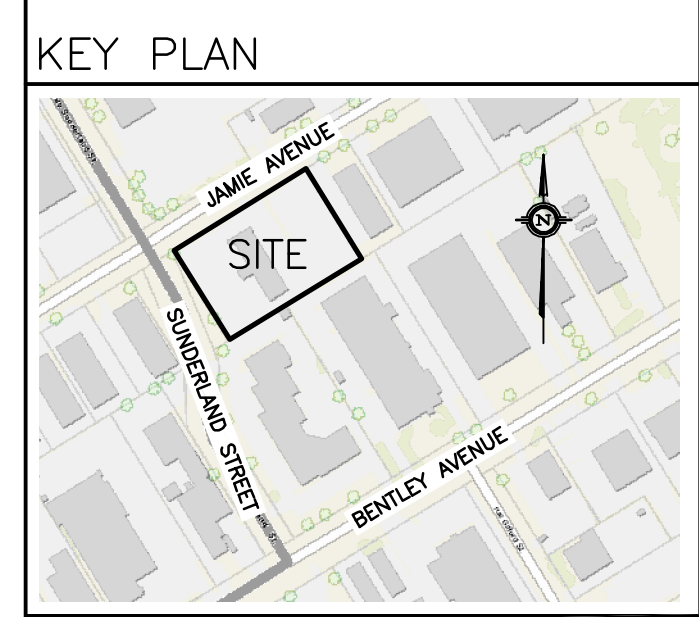


| WATER SERVICE PROFILE TABLE                                     |  |                    |                |                   |  |
|---|--|--------------------|----------------|-------------------|--|
| DIAMETER/MATERIAL:<br>50mm PEX TUBING TO AWWA C-904 SDR 9 (CTS) |  |                    |                |                   |  |
| STATION   | DESCRIPTION  | GRADE<br>ELEVATION | TOP OF<br>PIPE | DEPTH OF<br>COVER | NOTES  |
| 0+00.0  | TVS CONNECTION TO 300mm<br>MUNICIPAL WATERMAIN AS PER<br>CITY OF OTTAWA DRAWING<br>No. W33 | ±88.32             | ±86.18         | ±2.14             | START OF 50mm THICK<br>INSULATION AS PER CITY<br>OF OTTAWA DRAWING No. W22                   |
| 0+02.3  | —  | ±88.27             | 86.13          | 2.14              | BOTTOM OF CURB   |
| 0+06.9  | 50mm CURB STOP & SERVICE POST<br>TO CITY OF OTTAWA STANDARDS                               | ±88.66             | 86.04          | 2.62              | END OF 50mm THICK<br>INSULATION AS PER CITY<br>OF OTTAWA DRAWING No. W22<br>ON PROPERTY LINE |
| 0+08.3  | —  | 88.44              | 86.04          | 2.40              | BOTTOM OF SWALE  |
| 0+10.7  | —  | 88.50              | 86.10          | 2.40              | CROSSING 300 ST INV 86.81<br>WM TOP 86.10 – 710mm<br>CLEARANCE (MIN. 500mm REQ'D)            |
| 0+19.1  | —  | 88.77              | 86.37          | 2.40              | ENTRY INTO BUILDING  |

| CATCH BASIN & MANHOLE SCHEDULE   |       |                |                                      |                        |                  |  |
|--|-------|----------------|--------------------------------------|------------------------|------------------|--|
| (SUBMIT SHOP DRAWINGS OF ALL CATCH BASINS & MANHOLES TO ENGINEER FOR APPROVAL) |       |                |                                      |                        |                  |  |
| REF  | TOP   | SIZE           | TYPE                                 | INVERT AT INLET        | INVERT AT OUTLET | NOTES  |
| STORM SEWER  |       |                |                                      |                        |                  |  |
| CB-1   | 88.73 | 600mm x 600mm  | PRECAST CONCRETE CATCH-BASIN         | -                      | 87.35            | TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19   |
| CB-2   | 88.76 | 600mm x 600mm  | PRECAST CONCRETE CATCH-BASIN         | -                      | 87.33            | TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19   |
| CB/MH-3  | 88.69 | 1200mm         | PRECAST CONCRETE CATCH-BASIN/MANHOLE | 87.27(NE)              | 87.27(SW)        | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010                           |
| CB/MH-4  | 88.68 | 1200mm         | PRECAST CONCRETE CATCH-BASIN/MANHOLE | 87.22(NE)              | 87.22(W)         | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010                           |
| CB/MH-5  | 88.46 | 1200mm         | PRECAST CONCRETE CATCH-BASIN/MANHOLE | 87.13(E)               | 88.13(NW)        | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010                           |
| CB/MH-6  | 88.46 | 1200mm         | PRECAST CONCRETE CATCH-BASIN/MANHOLE | 87.06(SE)              | 88.06(NW)        | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010                           |
| CB-7   | 88.23 | 600mm x 600mm  | PRECAST CONCRETE CATCH-BASIN         | -                      | 86.98            | TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19   |
| CB/MH-8  | 88.33 | 1200mm         | PRECAST CONCRETE CATCH-BASIN/MANHOLE | 86.96(SE)<br>86.96(W)  | 86.96(NE)        | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010                           |
| CB-9   | 88.69 | 600mm x 600mm  | PRECAST CONCRETE CATCH-BASIN         | -                      | 86.94            | TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19   |
| CB/MH-10   | 88.63 | 1200mm         | PRECAST CONCRETE CATCH-BASIN/MANHOLE | 86.90(SW)              | 86.90(N)         | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010                           |
| CB/MH-11   | 88.42 | 1200mm         | PRECAST CONCRETE CATCH-BASIN/MANHOLE | 86.84(SE)<br>86.84(SW) | 86.84(NE)        | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010                           |
| CB-12  | 88.31 | 600mm x 600mm  | PRECAST CONCRETE CATCH-BASIN         | -                      | 86.99            | TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19   |
| CB/MH-13   | 88.31 | 1200mm         | PRECAST CONCRETE CATCH-BASIN/MANHOLE | 86.91(NE)              | 86.91(NW)        | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010                           |
| CB-14  | 88.31 | 600mm x 600mm  | PRECAST CONCRETE CATCH-BASIN         | -                      | 86.89            | TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19   |
| CB/MH-15   | 88.31 | 1200mm         | PRECAST CONCRETE CATCH-BASIN/MANHOLE | 86.81(SE)<br>86.81(NE) | 86.81(W)         | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010                           |
| CB/MH-16   | 88.51 | 1200mm         | PRECAST CONCRETE CATCH-BASIN/MANHOLE | 86.76(E)<br>86.76(SW)  | 86.76(NW)        | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010<br><br>ICD IN OUTLET PIPE |
| MH-17  | 88.46 | CDS PMSU2015-4 | PRECAST CONCRETE MANHOLE             | 86.75(SE)              | 86.74(NW)        | TO OPSD 701.010 & CITY OF OTTAWA STANDARDS EXCEPT WITH A DEEP SUMP AS REQUIRED BY CDS  |



- ## LEGEND
- |   |                         |
|---|-------------------------|
| FFL   | FIRST FLOOR ELEVATION   |
| TOF   | TOP OF FOUNDATION       |
| USF   | UNDERSIDE OF FOOTING    |
| — · · · —   | PROPERTY LINE           |
| CB     | CATCH BASIN             |
| MH     | STORM MANHOLE           |
| CB/MH  | CATCH BASIN/MANHOLE     |
| MH     | SANITARY MANHOLE        |
| VC     | VALVE CHAMBER           |
| FH     | FIRE HYDRANT            |
| VB     | VALVE & VALVE BOX       |
| (M)   | WATER METER             |
| (R)   | REMOTE WATER METER      |
| <u>SAN</u>  | SANITARY SEWER          |
| <u>ST</u>   | STORM SEWER             |
| <u>WS/WM</u>  | WATER SERVICE/WATERMAIN |
| OBV   | OBVERT OF PIPE          |
| SPL   | SPRINGLINE OF PIPE      |
| INV   | INVERT OF PIPE          |
|        | ROAD CUT REINSTATEMENT  |



|     |          |                         |
|-----|----------|-------------------------|
|     |          |                         |
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|     |          |                         |
|     |          |                         |
| 2   | JUN 9-25 | ISSUED FOR APPROVAL     |
| 1   | MAY 7-25 | ISSUED FOR COORDINATION |
| No. | DATE     | REVISION                |

**D. B. GRAY ENGINEERING INC.**  
*Stormwater Management - Grading & Drainage - Storm & Sanitary Sewers - Watermain*

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 Ottawa, Ontario d.gray@dbgrayengineering.com


Project

PROPOSED 2-STOREY  
ADDITION  
64 JAMIE AVENUE  
OTTAWA, ONTARIO

Drawing Title

DETAILS, SCHEDULES, AND  
EXISTING CONDITIONS, REMOVALS  
& ABANDONMENT PLAN

Engineer's Seal



Drawn D.B.G.  
H. Scale  
V. Scale  
Date MAY 7-25  
Job No. 25015

Drawing No.  
**C-4**  
of 6