




| SAN STRUCTURE TABLE | | | | |
|---------------------|--------------|-----------|------------|--|
| NAME | TOP OF GRADE | INVERT IN | INVERT OUT | DESCRIPTION |
| MH1A | 89.4 | 86.71 | 86.69 | OPSD 701.010 FRAME CITY STD DWG S25 COVER CITY STD DWG S24 |

| CROSSING TABLE | | | |
|----------------|---------------|----------------|----------------|
| CROSSING | TOP/INW | TOP/INVT | SEPARATION (m) |
| #1 | WTR INW 86.66 | STM INVT 85.08 | 0.39 |
| #2 | WTR INW 86.66 | STM INVT 85.08 | 1.59 |
| #3 | SAN INW 86.27 | STM TOP 86.27 | 0.25 |

| WATER COVER TABLE | | | | |
|-------------------|----------|----------------|-----------|-----------|
| LOCATION | STATION | FINISHED GRADE | WATER TOP | DEPTH (m) |
| CONNECTION | 0+000.00 | 89.16 | 86.89 | 2.27 |
| WV | 0+013.26 | 89.36 | 86.99 | 2.40 |
| BUILDING | 0+017.18 | 89.48 | 87.08 | 2.40 |



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| <p>WATERMAIN NOTES</p> <ol style="list-style-type: none"> 1. CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS AS WELL AS CITY OR TOWNSHIP STANDARDS AS INDICATED. 2. WATERMAINS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m. OTHERWISE THERMAL INSULATION IS REQUIRED AS PER CITY OF OTTAWA STANDARD DRAWING "W22". 3. IF THE WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS EQUAL TO OR LESS THAN THAT WHICH IS RECOMMENDED BY THE MANUFACTURER. 4. USE APPROVED SADDLE CONNECTION WITH MAIN (CORPORATION) BACK AS PER CITY OF OTTAWA STANDARD DRAWING "W26". 5. CONNECTION TO EXISTING BY CITY OR TOWNSHIP FORCES, EXCAVATION, BACKFILLING AND REINSTATEMENT IS TO BE COMPLETED BY THE CONTRACTOR. 6. THERMAL INSULATION OF WATERMAINS AT OPEN STRUCTURES AS PER CITY OF OTTAWA STANDARD DRAWING "W22". | <div style="text-align: center;">  </div> <p>115 Walgreen Road, RR3, Carp, ON K0A 1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com</p> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 20px;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <p>Stamp:</p>  </div> </div> |
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APPROVED
By Jamesdo at 11:55 am, Jun 10, 2019

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