



**LEGEND:**  
OD = Outside diameter of pipe

**NOTES:**  
A This OPSD is to be read in conjunction with OPSD 3940.150.  
B If a steel grate is required, refer to OPSD 804.05.  
C Class of concrete: 30MPa.  
D Cover to reinforcing bars 70mm ± 20mm.  
E All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING		Nov 2017	Rev 2
<b>CONCRETE HEADWALL</b>			
FOR PIPE LESS THAN 900mm DIAMETER			
<b>OPSD 804.030</b>			

NOTE:  
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, 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.

No.	REVISION	DATE	BY
2	REVISED PER CITY COMMENTS	FEB 20/2026	MJH
1	REVISED PER CITY AND SNCA COMMENTS	NOV 14/2025	MJH

SCALE: AS SHOWN

FOR REVIEW ONLY

DESIGN: MJH  
CHECKED: JLS  
DRAWN: MJH  
CHECKED: JLS  
APPROVED: MJH

PROFESSIONAL ENGINEER  
M. J. HEBBORN  
10021256  
FEB 20 2020  
PROVINCE OF ONTARIO

LOCATION:  
CITY OF OTTAWA  
6510 BOUNDARY ROAD

DRAWING NAME:  
**NOTES AND DETAILS**

PROJECT No.: 118168  
REV # 2  
DRAWING No.: 118168-PND2  
PLAN # 19296

**NOVATECH**  
Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Copland Drive  
Ottawa, Ontario, Canada K2M 1P6  
Telephone: (613) 254-9643  
Facsimile: (613) 254-5867  
Website: www.novatech-eng.com