



ITEM	SYMBOL	HORIZONTAL CLEARANCE (mm)	FOUNDATION DIMENSIONS (mm)
1	MANHOLE	2m	1000 DIA. 1500 DEPTH
2	HANDHOLE	2m	710x508x900
3	CONTROLLER FOUNDATION	2m	1000x1000x1200
4	"120" CONTROLLER FOUNDATION	2m	709x1154x1220
5	MAST ARM FOUNDATION	2m	1200x1200x1500
6	TUBULAR FOUNDATION	2m	1000x1000x1500
7	OVERHEAD SIGN FOUNDATION	2m	1400x800x3700
8	JOINT USE POLE	2m	1500x1500x1800

**Ottawa**

**SEWER SERVICE CONNECTIONS FOR FLEXIBLE MAIN SEWER PIPE (MODIFIED OPSD-1006.020)**

DATE: MARCH 2008  
 DATE: MARCH 2012  
 DATE: MARCH 2014  
 DATE: MARCH 2016

DWG. NO.: S11.1

**Ottawa**

**ONTARIO PROVINCIAL STANDARD DRAWING**

**LIGHT-DUTY SILT FENCE BARRIER**

Nov 2015 Rev 2

OPSD 219.110

**Ottawa**

**ONTARIO PROVINCIAL STANDARD DRAWING**

**CAST IRON, CIRCULAR FRAME WITH CIRCULAR 745mm COVER FOR MAINTENANCE HOLES**

Nov 2018 Rev 4

OPSD 401.020

**Ottawa**

**CONCRETE BARRIER CURB FOR GRANULAR BASE PAVEMENT (MODIFIED OPSD-600.110)**

DATE: JANUARY 2013  
 DATE: MARCH 2014  
 DATE: MARCH 2016

DWG. NO.: SC.1

**Ottawa**

**ONTARIO PROVINCIAL STANDARD DRAWING**

**PRECAST CONCRETE MAINTENANCE HOLE 1200mm DIAMETER**

Nov 2014 Rev 5

OPSD 701.010

**Ottawa**

**SEWER SERVICE ABANDONMENT BENEATH PAVEMENT**

DATE: MARCH 2011  
 DATE: MARCH 2014  
 DATE: MARCH 2016

DWG. NO.: S11.4

**Ottawa**

**FOUNDATION DRAIN BACKWATER VALVE INSTALLATION**

DATE: MAY 2001  
 DATE: MARCH 2011  
 DATE: MARCH 2014

DWG. NO.: S14

**Ottawa**

**SANITARY BACKWATER VALVE INSTALLATION TYPE 1**

DATE: MARCH 2011  
 DATE: MARCH 2014  
 DATE: MARCH 2016

DWG. NO.: S14.1

**Ottawa**

**SINGLE TRENCH (SEWER & SEWER SERVICES)**

DATE: MAY 2001  
 DATE: MARCH 2011  
 DATE: MARCH 2014

DWG. NO.: S6

**Ottawa**

**STANDARD TRENCH DETAIL**

DATE: MAY 2001  
 DATE: MARCH 2011  
 DATE: MARCH 2014

DWG. NO.: W17

**Ottawa**

**GENERAL WATER PLANT TO UTILITY CLEARANCE**

DATE: MARCH 2009  
 DATE: MARCH 2011  
 DATE: MARCH 2014

DWG. NO.: R20

**Ottawa**

**TRAFFIC STRUCTURE CLEARANCES TO WATER PLANT**

DATE: MARCH 2009  
 DATE: MARCH 2011  
 DATE: MARCH 2014

DWG. NO.: R22

**APPROVED**

By Adrian van Wyk at 9:37 am, Jul 07, 2023

**USE AND INTERPRETATION OF DRAWINGS**

GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION ARE PART OF THE CONTRACT DOCUMENTS AND DESCRIBE THE USE AND INTENT OF THE DRAWING. THE CONTRACT DOCUMENTS INCLUDE NOT ONLY THE DRAWINGS, BUT ALSO THE OWNER-CONTRACTOR AGREEMENTS, CONDITIONS OF THE CONTRACT, THE SPECIFICATIONS, ADDENDA, AND MODIFICATIONS ISSUED AFTER EXECUTION OF THE CONTRACT. THESE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ANY ONE SHALL BE BINDING AS REQUIRED BY ALL. WORK NOT COMPLETELY DELINEATED HEREON SHALL BE CONSTRUCTED OF THE SAME MATERIALS AND DETAIL AS SHOWN MORE COMPLETELY ELSEWHERE IN THE CONTRACT DOCUMENTS.

BY USE OF THE DRAWINGS FOR CONSTRUCTION OF THE PROJECT, THE OWNER CONFIRMS THAT HE HAS REVIEWED AND APPROVED THE DRAWINGS. THE CONTRACTOR CONFIRMS THAT HE HAS VISITED THE SITE, FAMILIARIZED HIMSELF WITH THE LOCAL CONDITIONS, VERIFIED FIELD DIMENSIONS AND CORRELATED HIS OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

AS INSTRUMENTS OF SERVICE, ALL DRAWINGS, SPECIFICATIONS, CAD FILES OR OTHER ELECTRONIC MEDIA AND COPIES THERE OF FURNISHED BY THE ENGINEER ARE HIS PROPERTY. THEY ARE TO BE USED ONLY FOR THIS PROJECT AND ARE NOT TO BE USED ON ANY OTHER PROJECT, INCLUDING REPEATS OF THE PROJECT. CHANGES TO THE DRAWINGS MAY ONLY BE MADE BY THE ENGINEER.

UNLESS THE REVISION TITLE IS "ISSUED FOR CONSTRUCTION", THESE DRAWINGS SHALL BE CONSIDERED PRELIMINARY AND SHALL NOT BE USED AS A CONSTRUCTION DOCUMENT.

THESE DRAWINGS ILLUSTRATE THE WORK TO BE DONE. THE ENGINEER IS NOT RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES USED TO DO THE WORK, OR THE SAFETY ASPECTS OF CONSTRUCTION, AND NOTHING ON THESE DRAWINGS EXPRESSED OR IMPLIED CHANGES THIS CONDITION. CONTRACTOR SHALL DETERMINE ALL CONDITIONS AT THE SITE AND SHALL BE RESPONSIBLE FOR KNOWING HOW THEY AFFECT THE WORK. SUBMITTAL OF A BID TO PERFORM THIS WORK IS AN ACKNOWLEDGEMENT OF THE RESPONSIBILITIES, AND THAT THEY HAVE BEEN FULLY CONSIDERED IN PLANNING OF THE WORK AND THE BID PRICE. NO CLAIMS FOR EXTRA CHARGES DUE TO THESE CONDITIONS WILL BE FORTIFICATION.

UNAUTHORIZED CHANGES:

IN THE EVENT THE CLIENT, THE CLIENT'S CONTRACTORS OR SUBCONTRACTORS, OR ANYONE FOR WHOM THE CLIENT IS LEGALLY LIABLE MAKES OR PERMITS TO BE MADE ANY CHANGES TO ANY REPORTS, PLANS, SPECIFICATIONS OR OTHER CONSTRUCTION DOCUMENTS PREPARED BY LRL ASSOCIATES LTD. (LRL) WITHOUT OBTAINING LRL'S PRIOR WRITTEN CONSENT, THE CLIENT SHALL ASSUME FULL RESPONSIBILITY FOR THE RESULTS OF SUCH CHANGES. THEREFORE THE CLIENT AGREES TO WAIVE ANY CLAIM AGAINST LRL AND TO RELEASE LRL FROM ANY LIABILITY ARISING DIRECTLY OR INDIRECTLY FROM SUCH UNAUTHORIZED CHANGES.

IN ADDITION, THE CLIENT AGREES TO THE FULLEST EXTENT PERMITTED BY LAW, TO INDEMNIFY AND HOLD HARMLESS LRL FROM ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEY'S FEES AND COSTS OF DEFENSE, ARISING FROM SUCH CHANGES.

EXISTING SERVICES AND UTILITIES SHOWN ON THESE DRAWINGS ARE TAKEN FROM THE BEST AVAILABLE RECORDS, BUT MAY NOT BE COMPLETE OR TO DATE. CONTRACTOR SHALL VERIFY IN FIELD FOR LOCATION AND ELEVATION OF PIPES AND CHECK WITH THE UTILITY COMPANIES BEFORE DIGGING OR PERFORMING WORK.

CONTRACTOR IS ADVISED TO COLLECT INFORMATION ON SOIL CONDITIONS BEFORE START OF CONSTRUCTION.

THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE NOTATION THEREIN, CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS.

**REVISIONS:**

No.	REVISIONS	BY	DATE
03	RE-ISSUED FOR SITE PLAN APPROVAL	K.H.	06 JUN 2023
02	APPROVAL RE-ISSUED FOR SITE PLAN APPROVAL	K.H.	02 FEB 2023
01	ISSUED FOR SITE PLAN APPROVAL	K.H.	16 MAR 2022

**NOT AUTHENTIC UNLESS SIGNED AND DATED**

**PROFESSIONAL ENGINEER**

V. JOHNSON  
 100510576  
 06-06-2023  
 PROVINCE OF ONTARIO

**LRJ**

ENGINEERING | INGENIERIE

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CLIENT: WELLINGTON HURON COMMERCIAL INC.

DESIGNED BY: K.H. DRAWN BY: M.A. APPROVED BY: V.J.

PROJECT: PROPOSED ADDITION TO MIXED USE BUILDING 1252 WELLINGTON ST., OTTAWA, ON.

DRAWING TITLE: CONSTRUCTION DETAIL PLAN

PROJECT NO: 210883

DATE: JANUARY 2022

**C901**

#18779

D07-12-22-0081