



Tel: (902) 679-2521
dbell@kentville.ca

ADDENDUM

To: Prospective Bidders

From: Dave Bell, Director of Engineering and Public Works

CC: Ahmad Kadri, Project Engineer

Subject: Addendum #1, Tender# TOK2024-11 Condon Avenue Storm System Upgrade Project

Date: June 24, 2024

This Addendum forms part of the “contract Document” and modifies or clarifies the original “Contract Document” for the above referenced procurement call.

Please find attached the revised schedule of quantities, Town of Kentville standard drawings SD-15, SD-14, SD-2, and the Nova Scotia Environment approval document.

Sincerely,

Dave Bell, P.Eng.

1.4 SCHEDULE OF QUANTITIES AND UNIT PRICES (Revised as per Addendum 1)

No		Unit Description	Unit	Quantity	Unit Rate	Estimated Cost
		Earthworks				
8		Exploratory Digs	each	4		
		Storm Sewer				
31		Pipe				
	.1	200mm PVC DR35	m	5		
	.2	900mm CSA A257.2 65D RCP	m	26		
	.3	1200mm CSA A257.2 65D RCP (MHST1 to MHST2)	m	80		
	.4	1200mm CSA A257.2 65D RCP (MHST2 to MHST4)	m	56		
	.5	1500mm CSA A257.2 65D RCP	m	97		
32		Manholes/Catchbasins				
	.1	1050mm Precast Tee Base Manhole	each	2		
	.2	2400mm Precast Manhole	each	1		
	.3	3000mm Precast Manhole	each	1		
	.4	1800mm (single) Catch Basin	each	1		
33		Sluice Box	each	1		
36		Connection to Existing				
	.1	At Condon Avenue/Park Street (MHST1)	each	1		
	.2	At CB4	each	1		
39		Precast Headwalls				
	.1	1500mm Precast Concrete Headwall (incl. Railing and grate)	each	1		
40		Rock lined Ditch Construction	m ²	100		
		Street Construction				
53		Asphalt Pavement Parking/Driveway/Paving (Provisional)	m ²	100		
		Additional Items				
71		Trench Excavation - Rock (Provisional)	m ³	50		
72		Trench Excavation - Unsuitable Material (Provisional)	m ³	200		
73		Replacement of Unsuitable Material (Provisional)	m ³	200		
		Environmental Protection				
90		Environmental Measures	L.S.	1		

APPROVAL

**Province of Nova Scotia
Environment Act, S.N.S. 1994-95, c.1 s.1**

APPROVAL HOLDER: DESIGNPOINT ENGINEERING & SURVEYING LTD.

SITE PID: 55247480

APPROVAL NO: 2024-3549798-00

EXPIRY DATE: May 30, 2027

Pursuant to Part V of the Environment Act, S.N.S. 1994-95, c.1 s.1 as amended from time to time, approval is granted to the Approval Holder subject to the Terms and Conditions attached to and forming part of this Approval, for the following activity:

Municipal - Storm Drainage Works - Collection and Pumping
Municipal - Storm Drainage Works - Outfall



Administrator: Jennifer Lonergan

Effective Date: June 4, 2024

The Minister's powers and responsibilities under the Act with respect to this Approval have been delegated to the Administrator named above. Therefore, any information or notifications required to be provided to the Minister under this Approval can be provided to the Administrator unless otherwise advised in writing.

TERMS AND CONDITIONS OF APPROVAL

Nova Scotia Department of Environment and Climate Change

Approval Holder: DESIGNPOINT ENGINEERING & SURVEYING LTD.

Project: Condon Avenue, Condon Avenue

Site:

PID	Civic #	Street Name	Street Type	Community	County
55247480	10	VETERANS	LANE	KENTVILLE	KINGS COUNTY

Approval No: 2024-3549798-00

File No: 94500-30-KEN-2024-3549798

Reference Documents

- Application submitted May 16, 2024 and attachments.

1. Definitions

- a. Act means Environment Act, 1994-95, c.1, s.1, and includes, unless the context otherwise requires, the regulations made pursuant to the Act, as amended from time to time.
- b. Department means the Nova Scotia Department of Environment and Climate Change, and the contact for the Department for this approval is:
Nova Scotia Department of Environment and Climate Change
Western Region, Kentville Office
136 Exhibition Street
Kentville, Nova Scotia B4N 4E5

Phone: (902) 679-6086
Fax: (902) 679-6186
- c. Grab sample means an individual sample collected in less than thirty (30) minutes and which is representative of the substance sampled.
- d. Minister means the Minister of Environment and Climate Change and includes any person delegated the authority of the Minister.
- e. Qualified Person as it relates to noise, means one who has certified post-secondary education and/or professional training in acoustics, and a minimum of

5 years of experience in the field of environmental noise, or as otherwise authorized by the Department.

- f. Qualified Person as it relates to air quality, means one who has certified post-secondary education and/or professional training related to ambient (outdoor) air quality, and a minimum of 5 years of experience in the field of ambient (outdoor) air quality, or as otherwise authorized by the Department.
- g. Sewer, for the purpose of this approval, means a piped collection system for either sanitary/sewage or stormwater/storm drainage works.
- h. Site means a place where a designated activity and/or undertaking is occurring or may occur.
- i. Surface Watercourse means a watercourse as defined in the Environment Act, excluding groundwater.

2. Scope

- a. This Approval (the "Approval") relates to the Approval Holder(s) and their application and all documentation submitted to the Department prior to the issuance of this approval for the Collection and Pumping situated at or near Condon Avenue.
- b. This Approval (the "Approval") relates to the Approval Holder(s) and their application and all documentation submitted to the Department prior to the issuance of this approval for the Outfall situated at or near Condon Avenue.
- c. The Approval Holder(s) shall ensure the designated activity is carried out in accordance with this Approval and reference documents, including the application and supporting documentation.
- d. This Approval does not apply to the electrical, roadways, and structural components of the project.

3. General

- a. Unless otherwise specified in this approval, the Approval Holder(s) shall conduct the Designated Activity in accordance with the following provisions:
 - i. The Act, as amended from time to time;
 - ii. Any standard adopted by the Department, as amended from time to time, which includes but is not limited to the following:
 - (a) Nova Scotia Environment and Labour Storm Drainage Works Approval Policy, 2003.
 - (b) Atlantic Canada Wastewater Systems Guidelines, as amended from time to time.
- b. Nothing in this Approval relieves the Approval Holder(s) of the responsibility for obtaining and paying for all licenses, permits, approvals or authorizations

necessary for carrying out the work authorized to be performed by this Approval which may be required by municipal by-laws, provincial or federal legislation, or other organizations. The Minister does not warrant that such licenses, permits, approvals or other authorizations will be issued.

- c. No authority is granted by this Approval to enable the Approval Holder(s) to commence or continue the designated activity on lands which are not in the control or ownership of the Approval Holder(s). It is the responsibility of the Approval Holder(s) to ensure that such a contravention does not occur. The Approval Holder(s) shall provide, to the Department, proof of such control or ownership upon expiry of any relevant lease or agreement. Failure to retain said authorization may result in this Approval being cancelled or suspended.
- d. If there is a discrepancy between the reference documents and the terms and conditions of this Approval, the terms and conditions of this Approval shall apply.
- e. Any request for renewal or amendment of this Approval is to be made in writing, to the Department, at least ninety (90) days prior to the Approval expiry.
- f. If the Minister cancels or suspends this Approval, the Approval Holder(s) remains subject to the penalty provisions of the Act.
- g. The Approval Holder(s) shall advise the Department in writing prior to any proposed extensions or modifications to the Activity and/or the Site. An amendment to this Approval may be required before implementing any extension or modification.
- h. The Approval Holder(s) shall immediately notify the Department of any incidents of non-compliance with this Approval.
- i. The Approval Holder(s) shall bear all expenses incurred in carrying out the environmental monitoring required under the terms and conditions of this Approval.
- j. All sampling and analysis shall be performed in accordance with the following as amended from time to time: Standard Methods for the Examination of Water and Wastewater, or the analytical methods section of Health Canada's guideline technical document for the parameter of concern. All samples shall be collected by persons trained in appropriate sample collection procedures.
- k. Unless written authorization is received otherwise from the Minister, all samples required by this Approval shall be analyzed by a laboratory that meets the requirements of the Department's "Policy on Acceptable Certification of Laboratories" as amended from time to time.
- l. The Approval Holder(s) shall ensure that this Approval, or a copy, is present on Site while personnel are on Site.
- m. The Approval Holder(s) shall ensure that personnel directly involved in the designated activity are made fully aware of the terms and conditions of this Approval.

- n. All phases of construction shall be overseen by a qualified professional engineer, licensed to practice in Nova Scotia by the Association of Professional Engineers of Nova Scotia (Engineers Nova Scotia), or technologist who works under the supervision of a qualified professional engineer.
- o. Written certification by a qualified professional engineer is required, within 6 weeks of project completion, stating that the construction and installation of the facility meets the requirements of the approved drawings and specifications.
- p. The certification shall confirm that all as-built drawings and any other relevant documentation have been turned over to the Approval Holder(s) by the engineer.
- q. The "Completion of the Approved Work" form attached to this Approval shall be completed by the Approval Holder(s) and provided to the Department with the engineer's certification within 14 days of completion of the work authorized under this Approval.
- r. Upon any changes to the Registry of Joint Stock Companies information, the Approval Holder(s) shall provide a copy to the Department within five (5) business days.

4. Separation Distances

- a. Where the invert of a water main is less than 300 mm above the top of a gravity sewer, the water and sewer lines shall be constructed in separate trenches, 3 metres apart, with undisturbed soil between the trenches.
- b. Gravity sewer manholes, catch-basins, and catch-basin leads shall be located a minimum of 300 mm from any water line.
- c. Where water and sewer lines cross, the water line shall be located a minimum of 450 mm above the sewer line.
- d. Where water and sewer lines cross, a full-length of pipe shall be installed with its centre at the crossing point.
- e. Sewer force mains and water lines shall be constructed in separate trenches, 3 metres apart, with undisturbed soil between the trenches.

5. Surface Water

- a. The Approval Holder(s) shall ensure the Site is developed and maintained to prevent contaminants from being discharged into a water resource or beyond the property boundary.
- b. Monitoring during construction: The Approval Holder(s) shall ensure that the following water quality limits are met in the water resource downstream of construction activities:
 - i. Total Suspended Solids, Clear Flows (Normal Background Conditions):
 - (a) Maximum increase of 25 mg/l from background levels for any short term exposure (24 hour or less);

- (b) Maximum average increase of 5 mg/l from background levels for longer term exposure (inputs lasting between 24 hours and 30 days);
 - ii. Total Suspended Solids, High Flow (Spring Freshets and Storm Events):
 - (a) Maximum increase of 25 mg/l from background levels at any time when background levels are between 25 mg/l and 250 mg/l;
 - (b) Maximum increase of 10% over background levels when background is >250 mg/l;
- c. Additional surface water monitoring may be required at the request of the Department.
- d. The Approval Holder(s) shall install erosion and sedimentation controls prior to the commencement of the construction activities.
- e. No authority is granted by this Approval to enable the Approval Holder(s) to discharge surface water onto adjoining lands without the authorization of the affected landowner(s).
- f. The Approval Holder(s) shall install and maintain erosion and sediment controls in line with industry best practices (e.g., Nova Scotia Environment Erosion and Sediment Control Handbook for Construction Sites) with the following considerations:
 - i. The controls shall be installed prior to the commencement of the construction activities;
 - ii. The controls shall remain in place until areas disturbed by construction activities are stabilized so that the risk of release of sediment to a water resource has been mitigated;
 - iii. Control features shall be installed as per applicable product specifications or manufacturer's directions; and
 - iv. Control materials shall be clean, non-erodible, non-ore-bearing, non-watercourse derived and non-toxic.
- g. The Approval Holder(s) shall install and maintain erosion and sedimentation controls in line with industry best practices (e.g., Nova Scotia Environment Erosion and Sediment Control Handbook for Construction Sites) as work progresses. The controls shall remain in place until areas disturbed by construction activities are stabilized so that the risk of release of sediment to a water resource has been mitigated.
- h. The Approval Holder(s) shall immediately contact the Department should sulphide bearing material be encountered on the Site.
- i. The Approval Holder(s) shall ensure that surface water runoff that may be impacted by petroleum hydrocarbons from the Site is collected and directed for necessary treatment prior to discharge from Site.

- j. Erosion and sediment controls shall be inspected daily, at a minimum, and prior to and after precipitation or flow events. These inspections shall confirm the erosion and sediment controls are working as designed and intended. Records outlining results of these inspections and actions taken to correct any deficiencies shall be kept for the duration of the approval and made available to the Department upon request.
- k. Work at the site shall only take place when erosion and sediment controls are functional. Contingency erosion and sediment control materials shall be kept on Site in case of failure.
- l. The Approval Holder(s) shall ensure that erosion control materials are clean, non-erodible, non-ore-bearing, non-watercourse derived and non-toxic.
- m. Any silted water pumped from work areas shall be directed to vegetated areas, settling ponds, or other treatment devices that mitigate the risk of release of sediment to a water resource.
- n. The Approval Holder(s) shall limit the size of the disturbed area and the removal of riparian vegetation to the area of construction activities as outlined in the supporting documentation.
- o. The Approval Holder(s) shall ensure that the following activities take place at a distance of a minimum of thirty (30) metres from a surface watercourse or wetland in an area such that a release will not enter a surface watercourse or wetland:
 - i. Fuel storage, refueling, and/or lubrication of equipment
 - ii. Washing of machinery or equipment
 - iii. Storage of equipment, excavated/stockpiled materials, and potential contaminants

6. Releases

- a. Releases shall be reported in accordance with the Act.
- b. Spills or releases shall be cleaned up in accordance with the Act.



COMPLETION OF THE APPROVED WORK

A condition of this Approval requires that the Approval Holder notify Nova Scotia Department of Environment and Climate Change that the work authorized is complete.

Please enter the information on this sheet and return it to Nova Scotia Department of Environment and Climate Change at the following address:

Nova Scotia Department of Environment and Climate Change
Inspection, Enforcement, and Compliance Division
Western Region, Kentville Office
136 Exhibition Street
Kentville, NS, B4N 4E5

Phone: 902-679-6086
Fax: 902-679-6186
ECC Contact: Andrew Thorne

APPROVAL NUMBER: 2024-3549798-00

NAME OF APPROVAL HOLDER: DESIGNPOINT ENGINEERING & SURVEYING LTD.

WORK AUTHORIZED: Multiple Activity

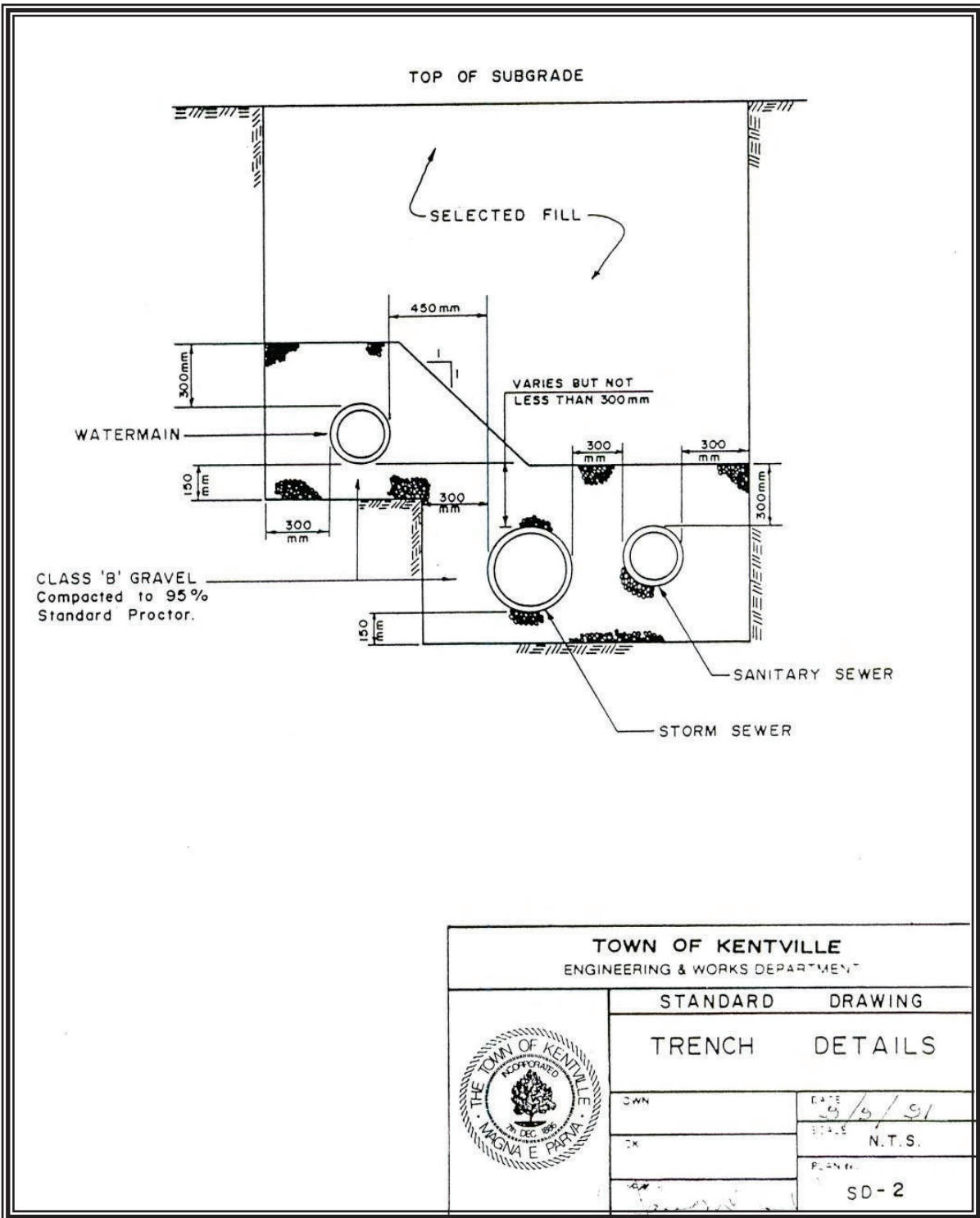
DATE WORK WAS COMPLETED: _____

NAME OF CONTRACTOR: _____

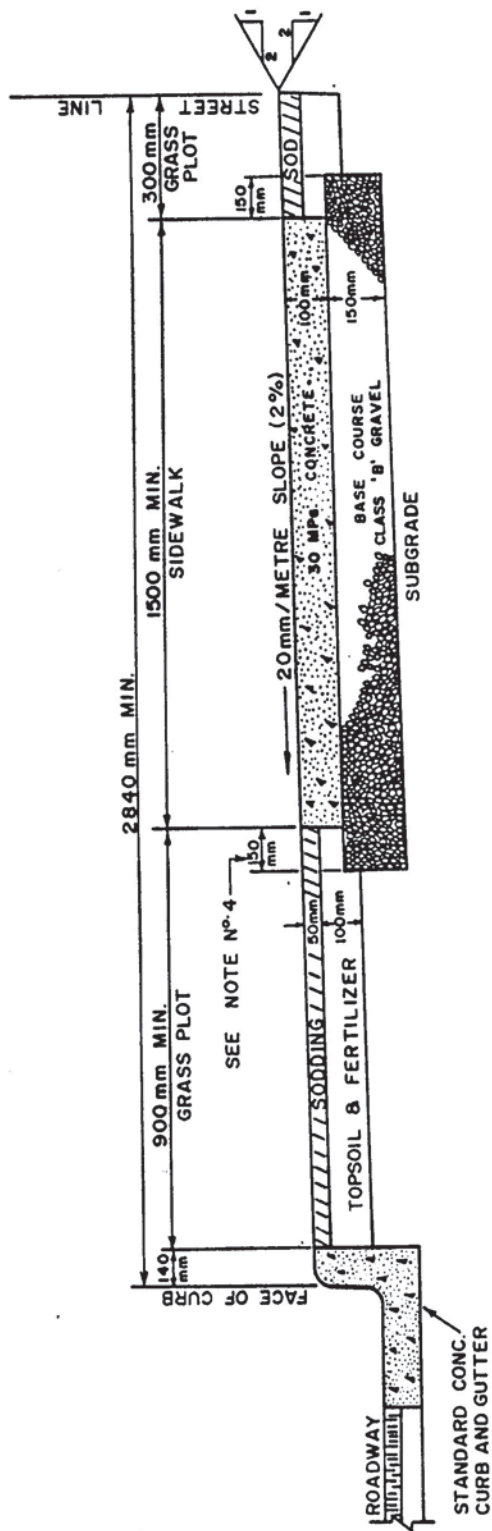
COMMENTS: _____

Signature

Date



TOWN OF KENTVILLE ENGINEERING & WORKS DEPARTMENT	
STANDARD DRAWING	
TRENCH DETAILS	
DWN	DATE 9/6/91
DK	SCALE N.T.S.
C.A.	PLAN No. SD-2



NOTES:

1. Normal thickness of concrete sidewalk to be 100 mm.
2. Thickness of concrete sidewalk through driveway area to be 150 mm.
3. 150 mm x 150 mm G.A.W.A. to be used in all commercial type driveways.
4. The base course shall extend 150 mm minimum on each edge of the sidewalk structure.
5. Base course gravel to be compacted to 98% standard proctor.

TOWN OF KENTVILLE
ENGINEERING & WORKS DEPARTMENT

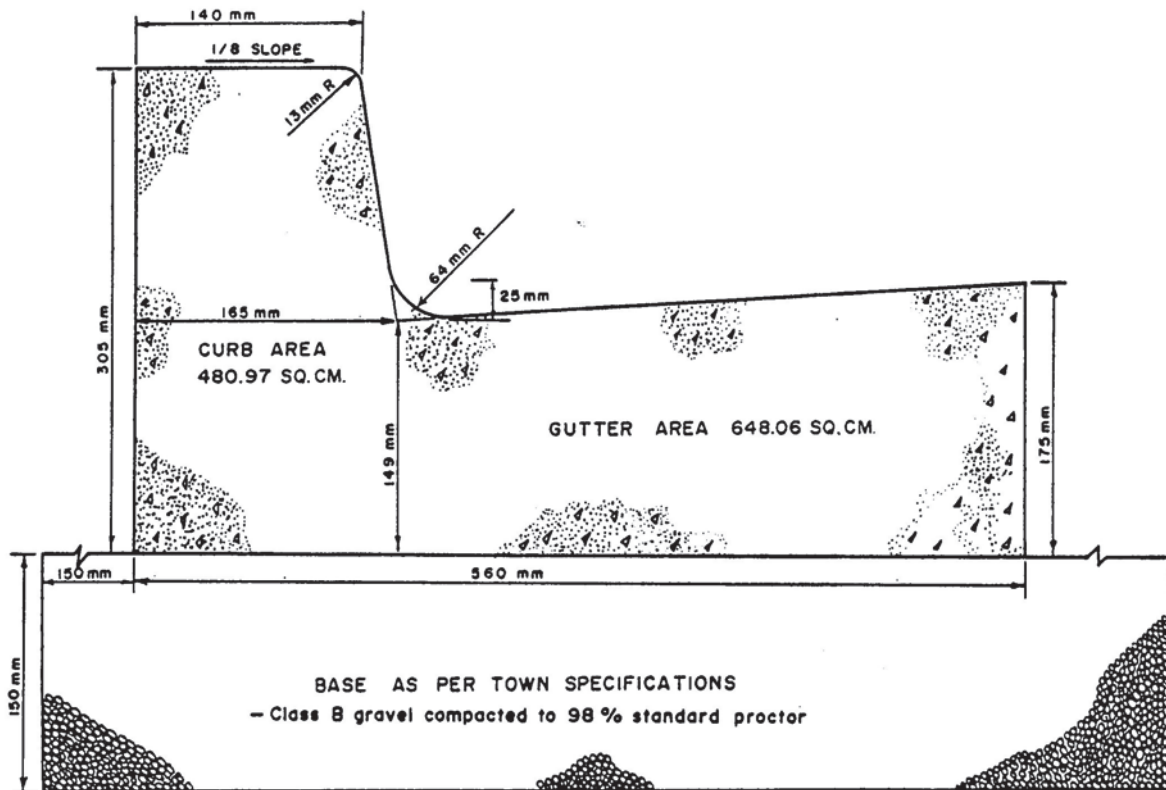
STANDARD DRAWING

TYPICAL 1500 mm SIDEWALK

CROSS-SECTION



DWN	DATE	PI IN NO
CK	5/9/91	90-14
APP	SCALE	
	N.T.S.	



TYPICAL X-SECTION

TOWN OF KENTVILLE ENGINEERING & WORKS DEPARTMENT	
STANDARD DRAWING	
CONCRETE CURB & GUTTER	
CROSS SECTION DETAIL	
DWN	DATE 9/9/91
CK	SCALE N.T.S.
APP	D. AN NO
	SD-15

