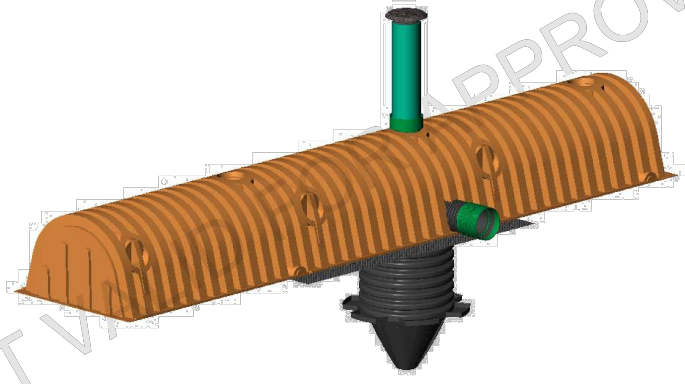


# SC05646 SOLENO STORMCHAMBER SC-34 SYSTEM 3 CHAMBERS 12m<sup>3</sup>

PROJECT: 1309 CARLING AVE. - 1A  
JOB LOCATION:  
CONTACT:  
OWNER/ENGINEERING FIRM/CONTRACTOR NAME:

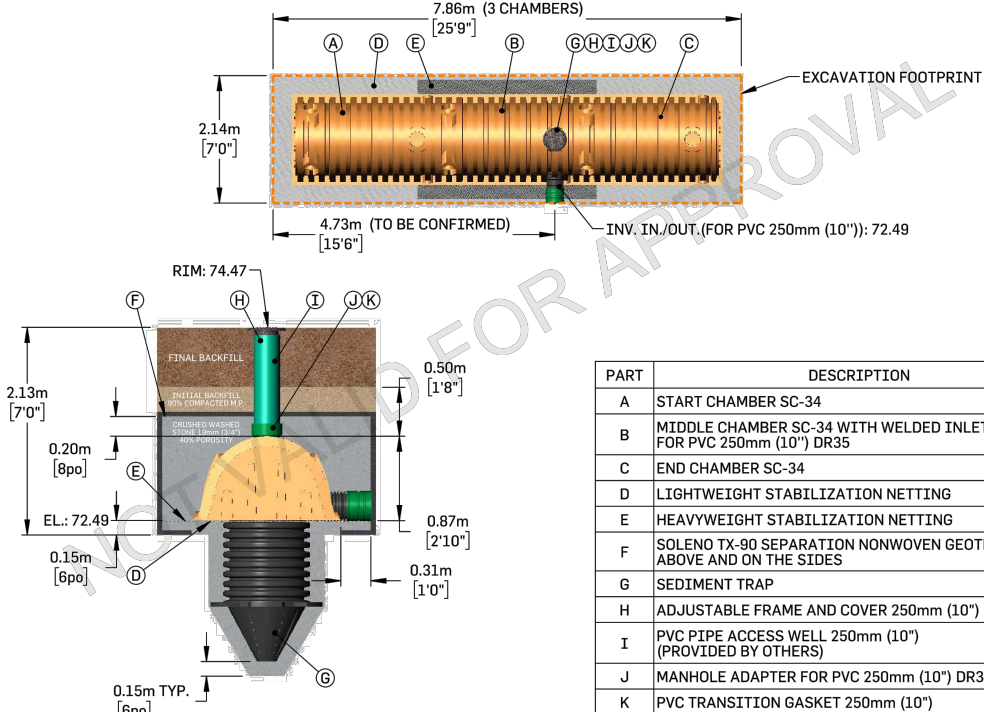


1. INSTALLATION MUST BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
2. SYSTEM IS DESIGNED TO WITHSTAND TRAFFIC LOAD CSA C408 AND AASHTO H-20.
3. THE SYSTEM MUST BE MINIMALLY BACKFILLED WITH 150 mm (6") OF CRUSHED STONE AND 300 mm (12") OF GRANULAR MATERIAL COMPACTED AT 80% P.D.
4. STORMCHAMBER GEORGRID FOR FOUNDATION STABILIZATION IS CONSIDERED UNDER ALL THE CHAMBERS. HEAVY DUTY GEORGRID IS ONLY LOCATED UNDER THE CHAMBERS WITH WATER INTAKE AND THOSE WITH SEDIMENT TRAP.

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# SC05646 SOLENO STORMCHAMBER SC-34 SYSTEM 3 CHAMBERS 12m<sup>3</sup>

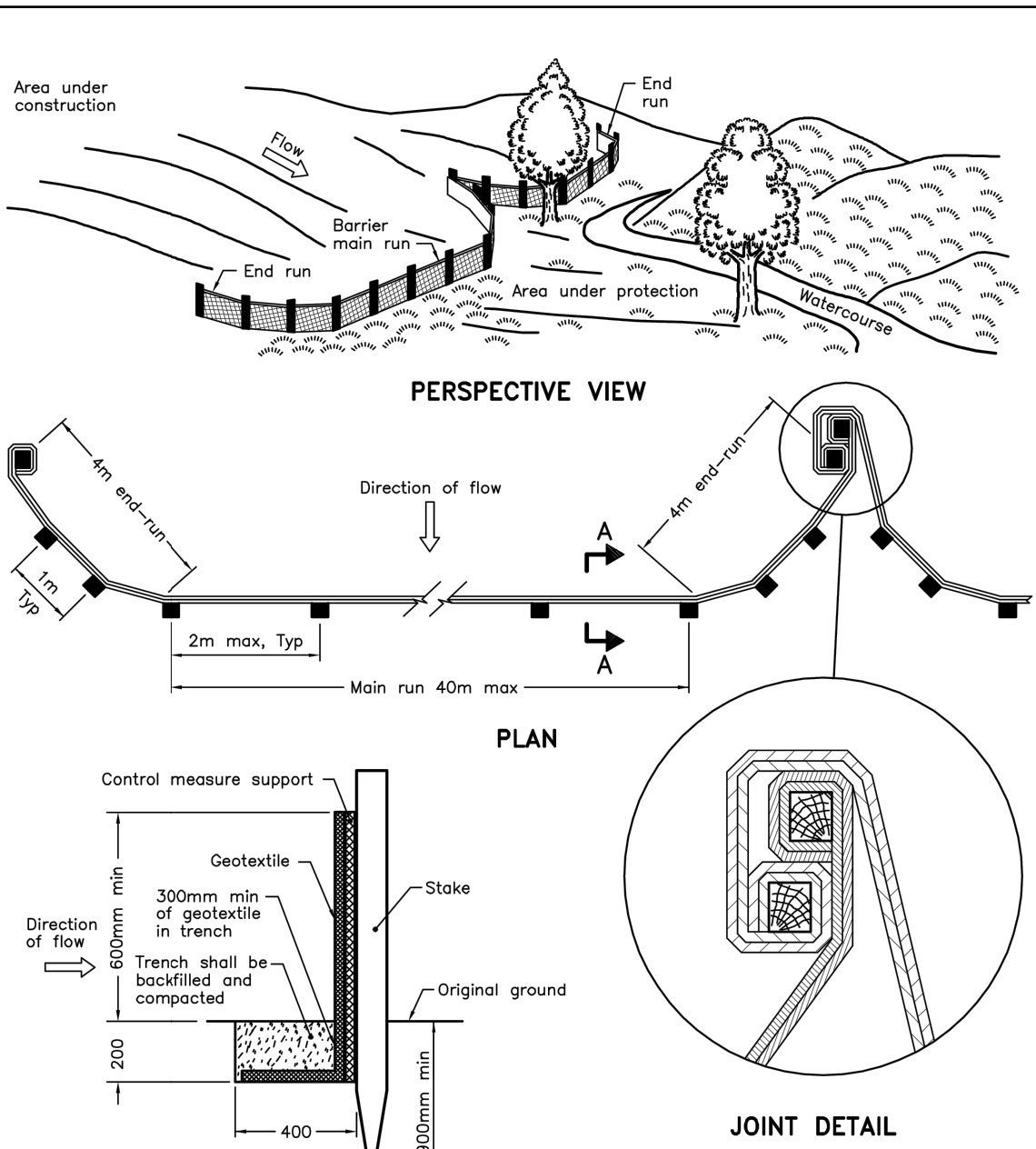


PART	DESCRIPTION	QTY
A	START CHAMBER SC-34	1
B	MIDDLE CHAMBER SC-34 WITH WELDED INLET/OUTLET FOR PVC 250mm (10") DESS	1
C	END CHAMBER SC-34	1
D	HEAVYWEIGHT STABILIZATION NETTING	1
E	HEAVYWEIGHT STABILIZATION NETTING	1
F	SOLENO TX-80 SEPARATION NONWOVEN GEOTEXTILE, ABOVE AND ON THE SIDES	1
G	SEDIMENT TRAP	1
H	ADJUSTABLE FRAME AND COVER 250mm (10")	1
I	PVC PIPE ACCESS WELL 250mm (10") PROVIDED BY OTHERS	-
J	MANHOLE ADAPTER FOR PVC 250mm (10") DESS	1
K	PVC TRANSITION GASKET 250mm (10")	1

THIS DRAWING IS NOT VALID FOR APPROVAL. DETAILED DRAWINGS WILL BE SUBMITTED FOR APPROVAL AFTER RECEPTION OF PURCHASE ORDER.

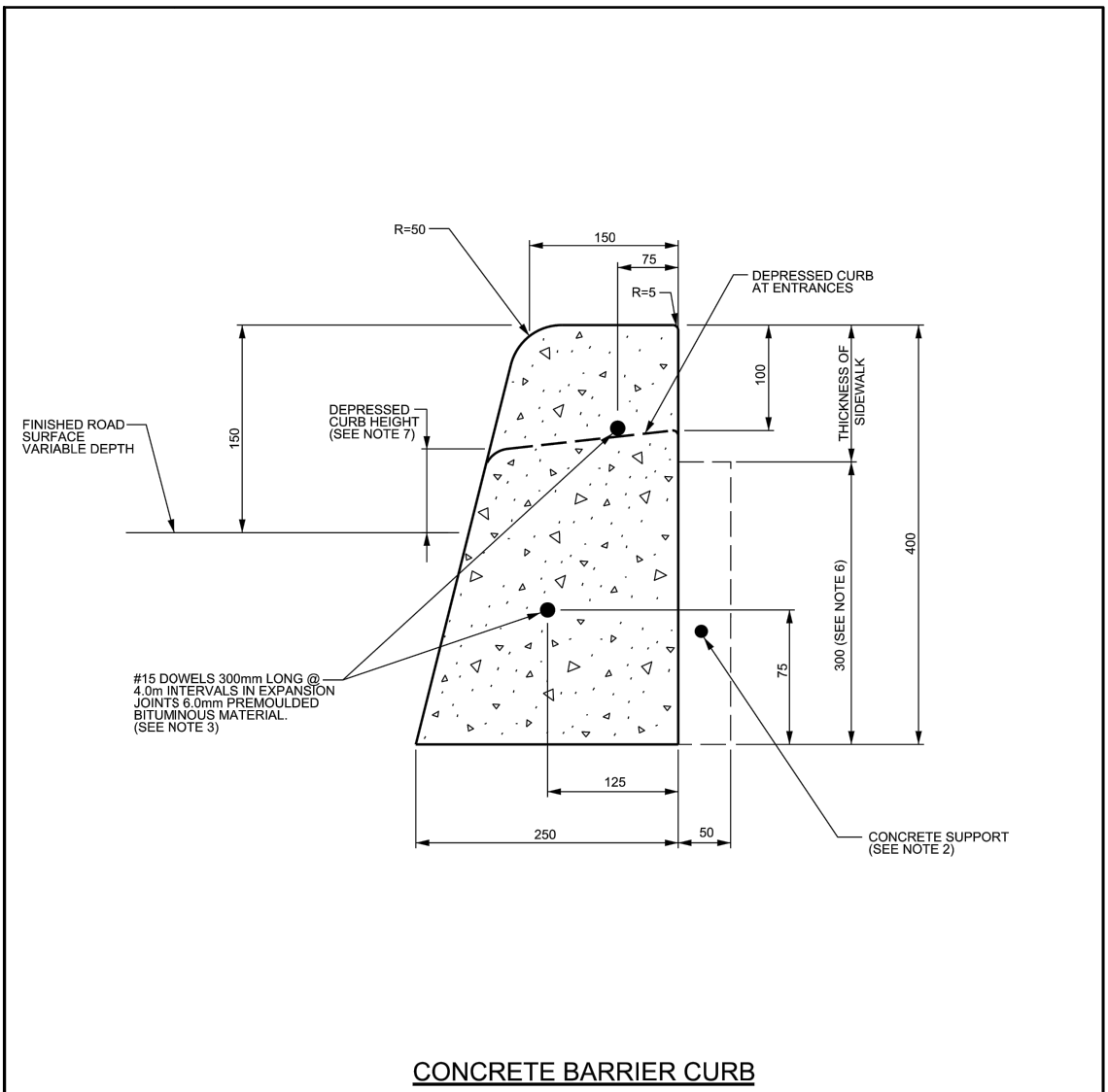
2019-07-15 THIS DOCUMENT IS THE PROPERTY OF SOLENO. IT MAY NOT BE REPRODUCED OR RETRANSMITTED TO ANYONE WITHOUT EXPRESS WRITTEN CONSENT.

## SOLENO SC-34 STORAGE UNIT 1A N.T.S.



NOTE:  
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2015	Rev 2
<b>HEAVY-DUTY SILT FENCE BARRIER</b>		
	OPSD 219.130	

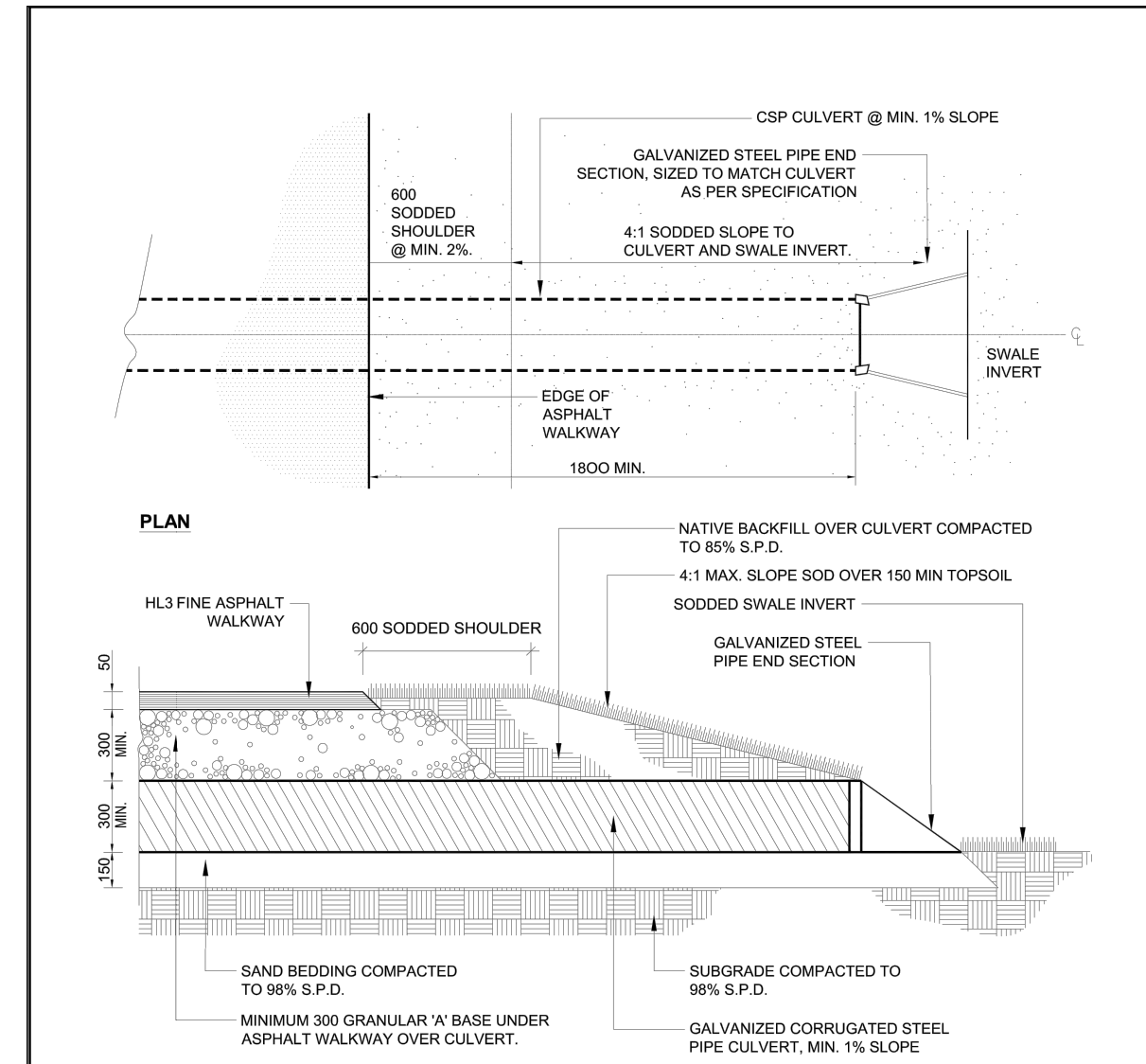


## CONCRETE BARRIER CURB

- NOTES:
1. THE FULL CURB DEPTH SHALL BE CARRIED THROUGH THE DEPRESSED ACCESS CROSSING.
  2. A CONCRETE SUPPORT IS REQUIRED WHEN BUILT ADJACENT TO THE SIDEWALK.
  3. IF AN EXTRUSION CURBING MACHINE IS USED, THE EXPANSION STITCHING MATERIAL AND THE #15 DONNELLS ARE TO BE PLACED AT THE END OF THE EXTRUSION.
  4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.
  5. DUMMY JOINTS SHALL BE 25mm DEEP, FRONT, BACK AND TOP OF SECTION AT 2m SPACING.
  6. FOR DEPRESSED CURB AT ENTRANCES USE 250.
  7. DEPRESSED CURB HEIGHT: FOR PEDESTRIAN CURB RAMP 0 TO 6 mm AND FOR PRIVATE ENTRANCES 0 TO 25mm.

N.T.S.

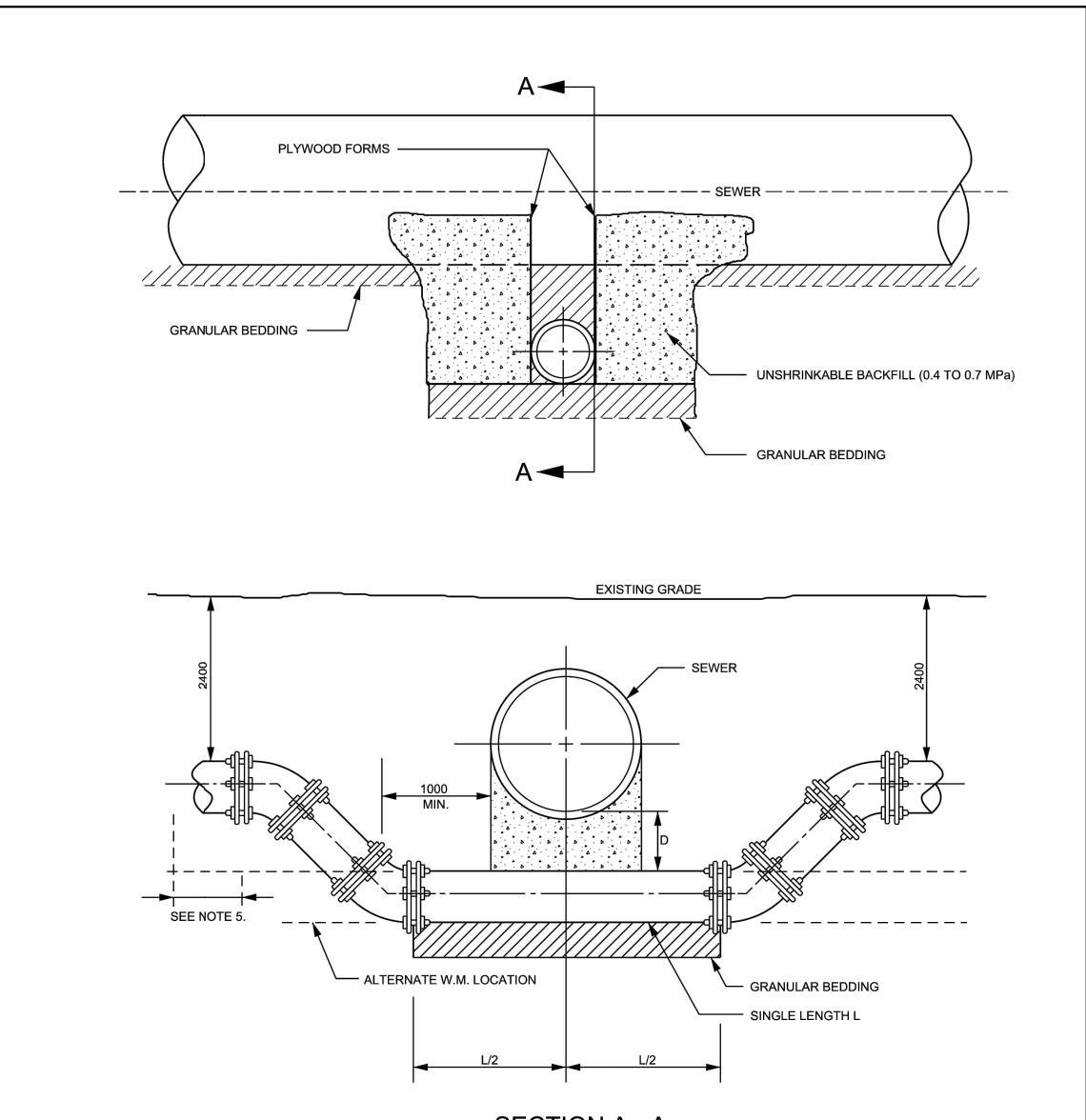
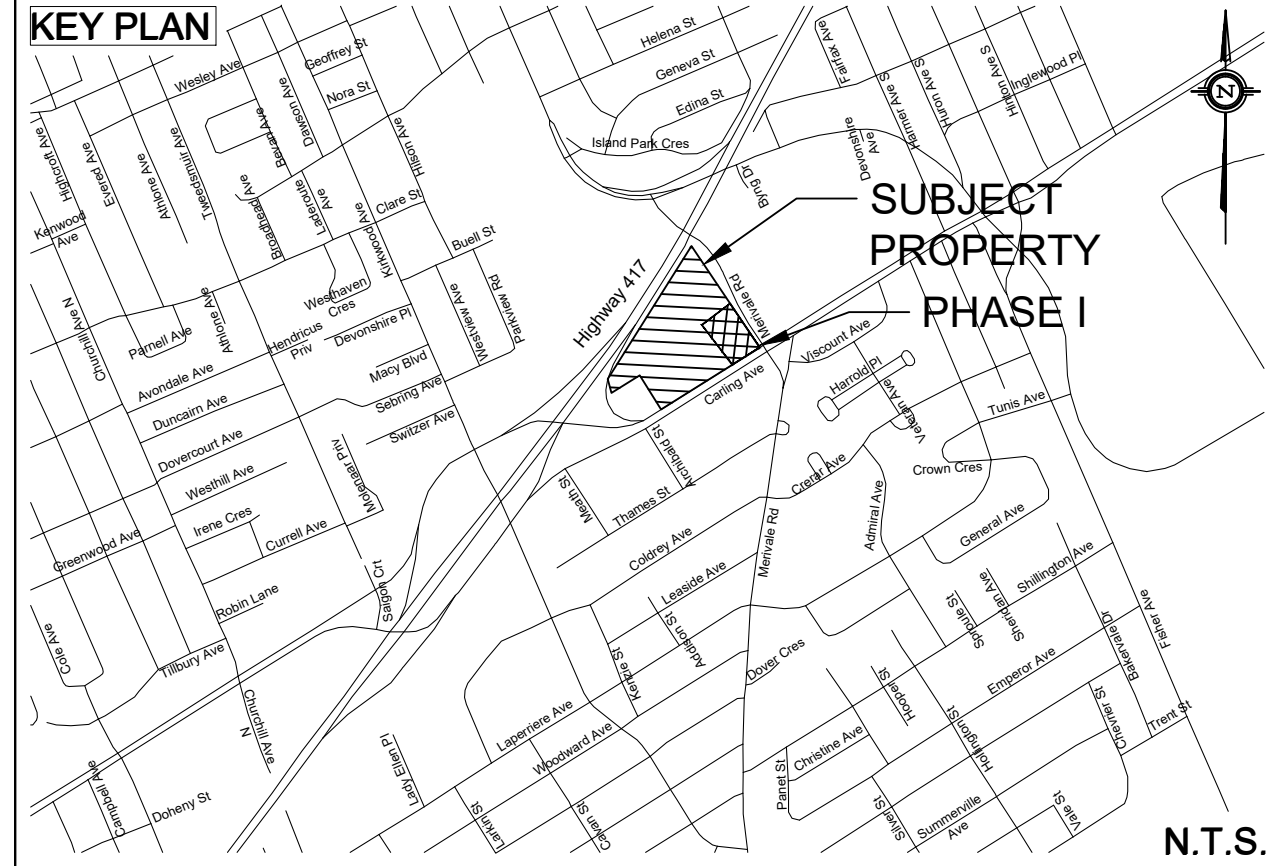
<b>Ottawa</b>	<b>CONCRETE BARRIER CURB FOR GRANULAR BASE PAVEMENT (MODIFIED OPSD-600.110)</b>	DATE: JANUARY 2003 REV. DATE: MARCH 2014 DWG. No.: SC1.1
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## NOTES:

1. CORRUGATED STEEL PIPE CULVERT SHALL BE GALVANIZED, 1.6mm (16ga) THICK, COMPLETE WITH PREFABRICATED GALVANIZED STEEL END SECTIONS. INSTALL WITH COLLAR RODS BURIED IN GRADE.
2. CULVERT TO BE 300 O.D. MINIMUM SIZE
3. ALL DIMENSIONS ARE IN MILLIMETRES
4. GRANULAR 'A' SHALL MEET THE REQUIREMENTS OF OPSD 1010

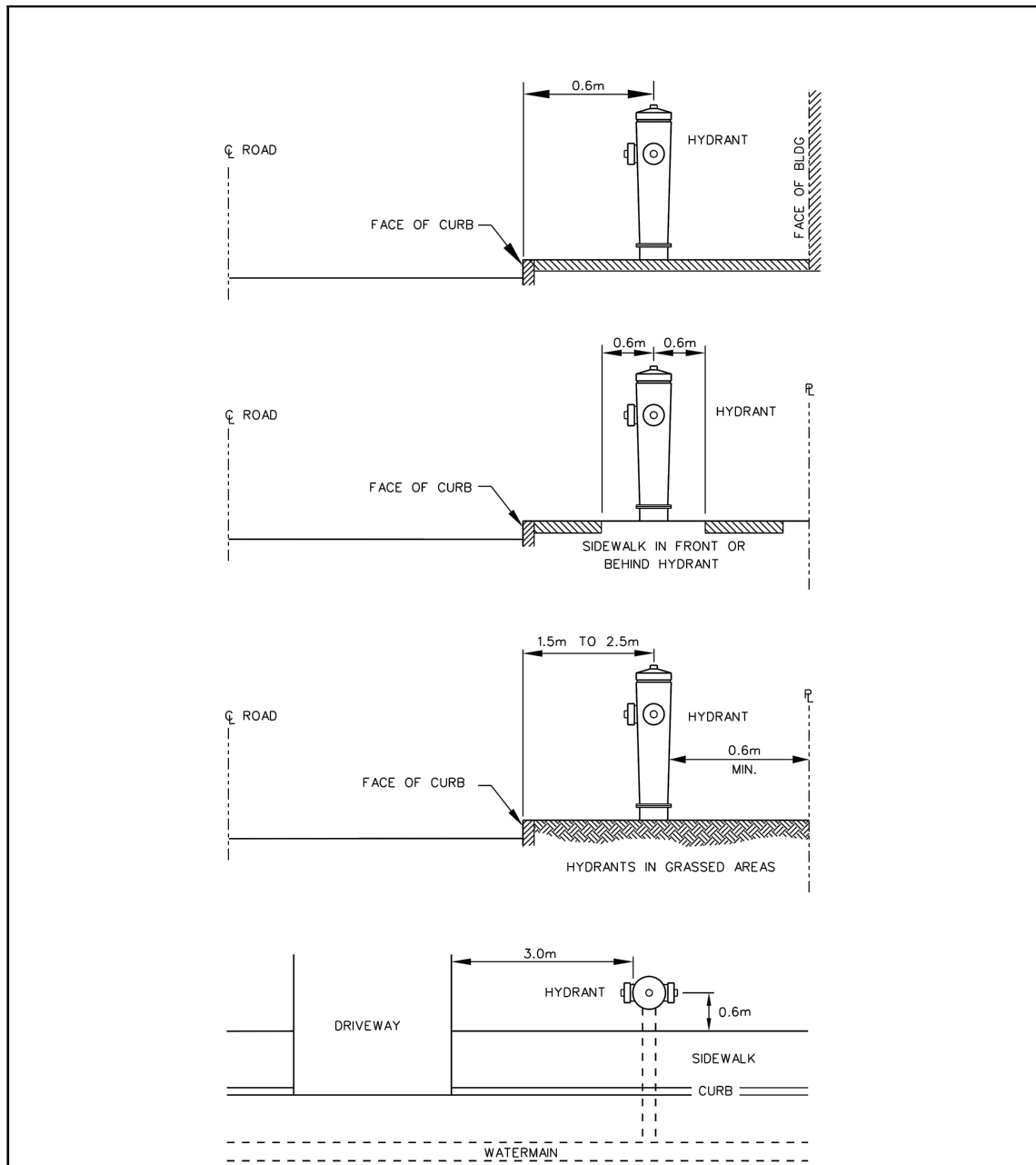
<b>Ottawa</b>	TITLE: WALKWAY CULVERT PLAN AND SECTION	DATE: FEB 2013 REV. DATE: FEB 2014 DWG No: SC30
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## SECTION A - A

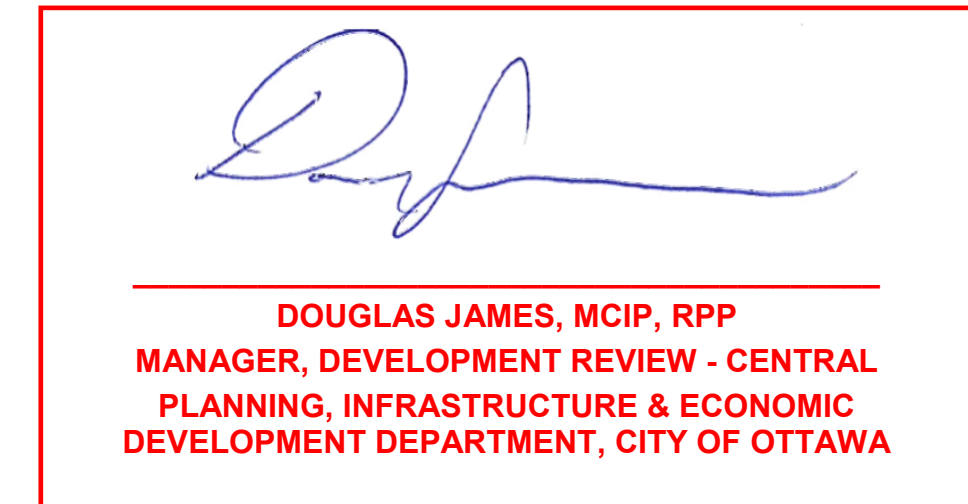
- NOTES:
1. BARREL TO INVERT SEPARATION (D) SHALL BE 500mm MINIMUM.
  2. THRUST BLOCKS FOR MAINS LARGER THAN 400mm (16") SHALL BE PER SPECIAL DESIGN.
  3. FOR 300mm (12") INVERT (MINIMUM) MAINS, RENDS SHALL BE MAX. 22° 30'.
  4. CONCRETE FOR THRUST BLOCKS SHALL BE 20 MPa.
  5. REFER TO W25 FOR REINFORCED LENGTH REQUIREMENTS.
  6. REFER TO W25.3 AND W25.4 FOR THRUST BLOCK REQUIREMENTS.
  7. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.
  8. DESIGNED TO MEET THE INTENT OF THE MCE WATERMAIN DESIGN CRITERIA JUNE 2012.

<b>Ottawa</b>	<b>WATERMAIN CROSSING BELOW SEWER</b>	DATE: MAY 2001 REV. DATE: MARCH 2003 DWG. No.: W25
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- NOTES:
1. REFER TO CONSTRUCTION SPECIFICATION F-44.14

<b>Ottawa</b>	<b>HYDRANT LOCATION</b>	DATE: MAY 2001 REV. DATE: MARCH 2003 DWG. No.: W18
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**APPROVED**  
By Jamesdo at 10:25 am, Oct 24, 2019

## NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION  
TOPOGRAPHIC INFORMATION PROVIDED BY STANTEC  
PROJ. NO. 161613355-114  
DATED AUGUST 8, 2015

SITE PLAN INFORMATION  
SITE PLAN PROVIDED BY RLA ARCHITECTURE  
PROJ. NO. 1807  
DATED JULY 17, 2019

GEOTECHNICAL STUDY  
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY GOLDER ASSOCIATES LTD.  
PROJ. NO. 18106595-1000  
DATED NOVEMBER 2018

SITE SERVICING AND STORMWATER MANAGEMENT STUDY  
SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL  
PROJ. NO. 18-1028  
DATED JULY 2019

BENCH MARK  
LOCATED MONUMENT 01919680315  
ELEV=83.635

No.	BY	YY.MM.DD.	DESCRIPTION
3	B.N.C.	19.07.19	ISSUED FOR MUNICIPAL REVIEW
2	B.N.C.	19.04.03	ISSUED FOR MUNICIPAL REVIEW
1	C.M.K.	18.11.06	ISSUED FOR MUNICIPAL REVIEW

PROJECT No18-1028	

## DETAIL SHEET 1309 CARLING AVENUE - PHASE I © DSEL

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www.DSEL.ca

DRAWN BY: C.M.K.	CHECKED BY: R.D.F.	DRAWING NO. DS-2	SHEET NO. 6 of 6
DESIGNED BY: A.J.G.	CHECKED BY: A.D.F.		
SCALE: NTS	DATE: NOVEMBER 2018		