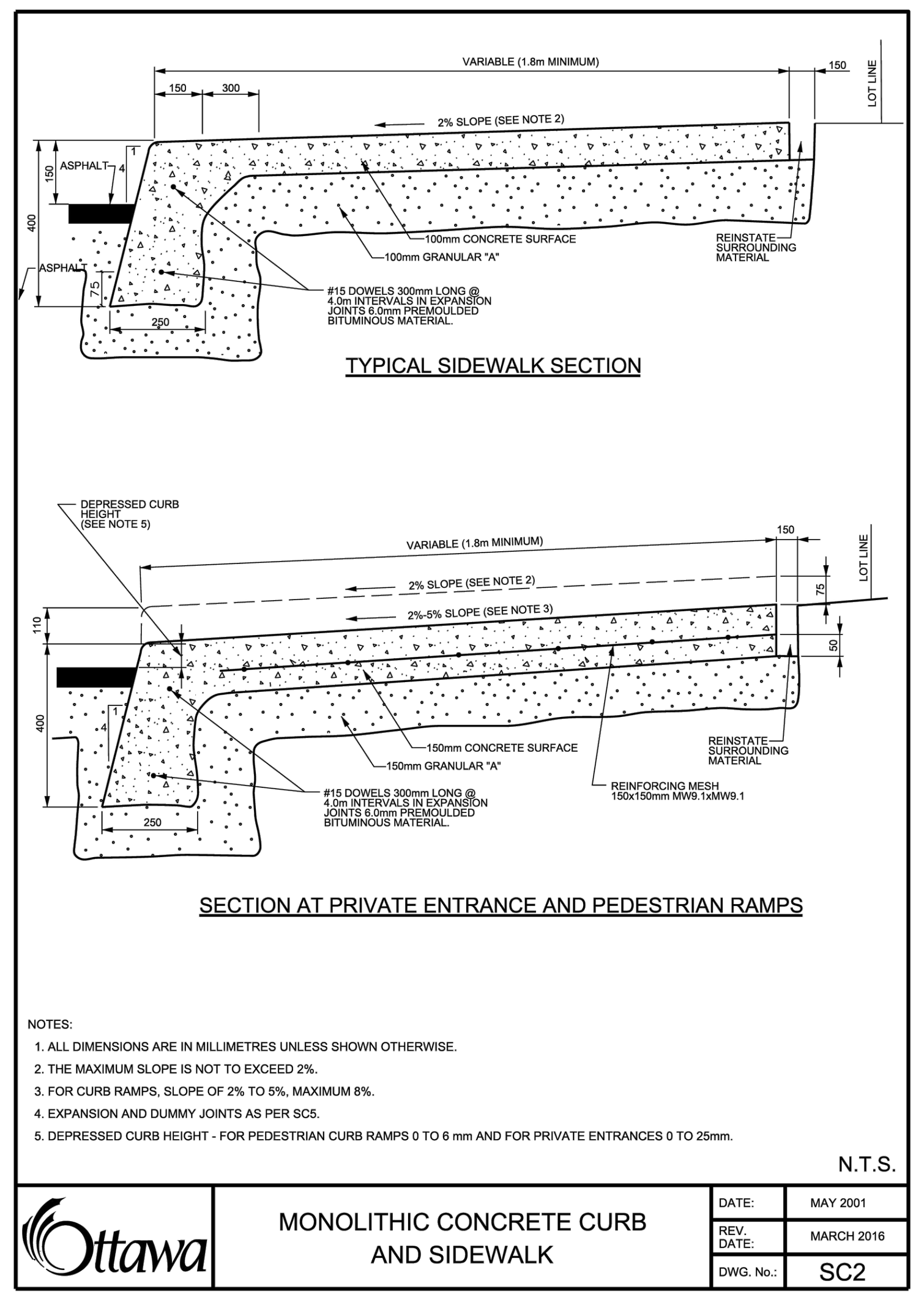
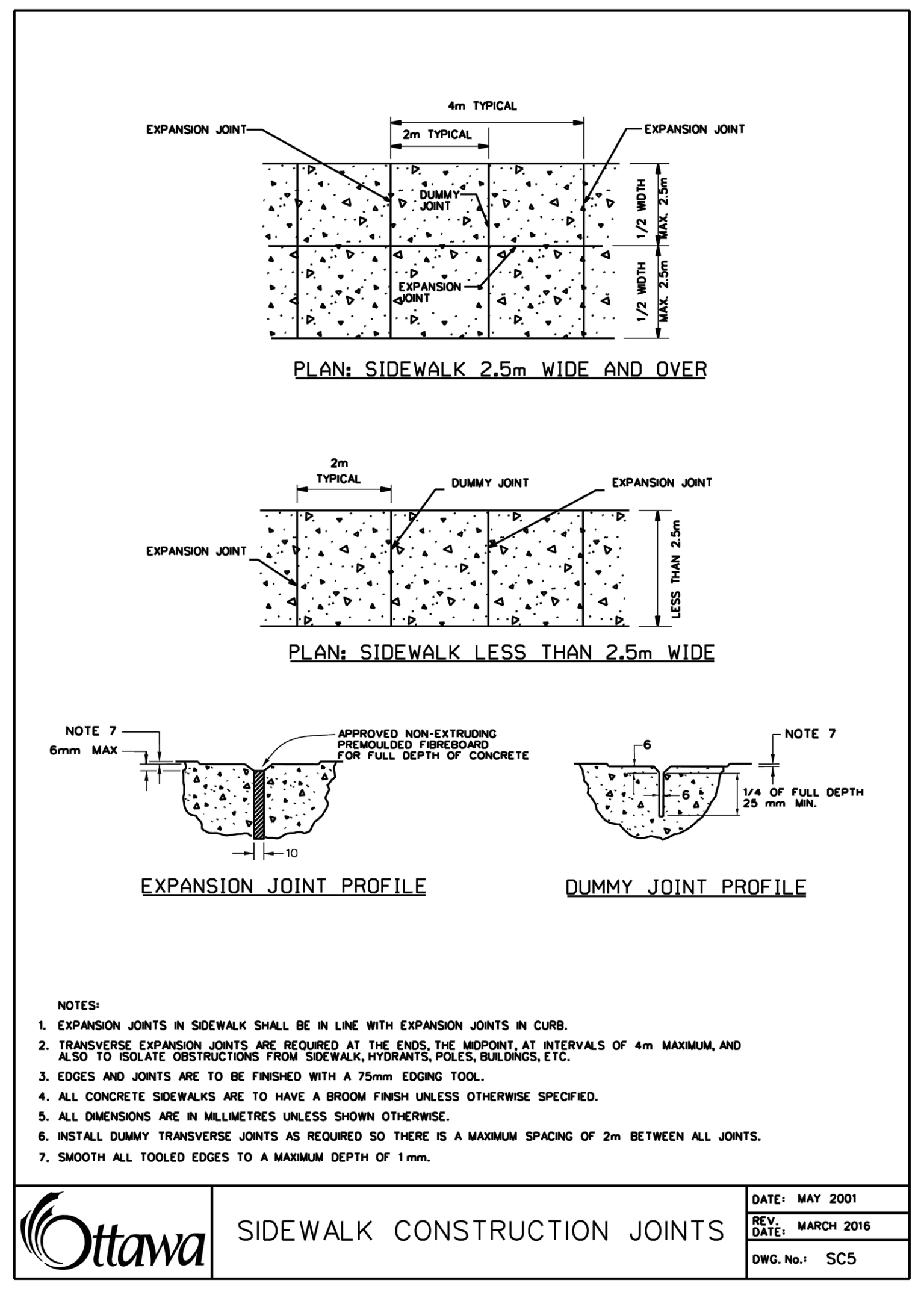
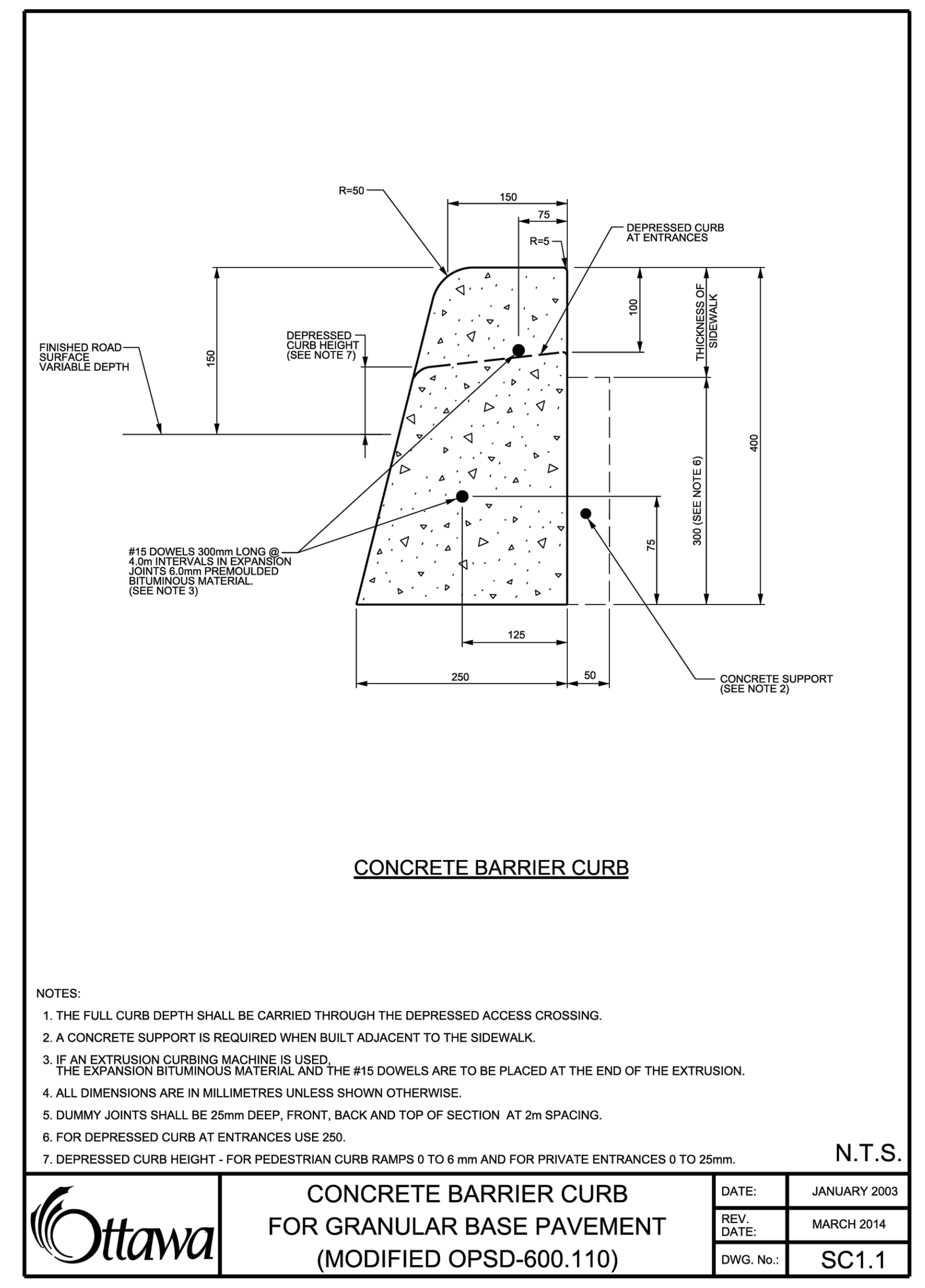
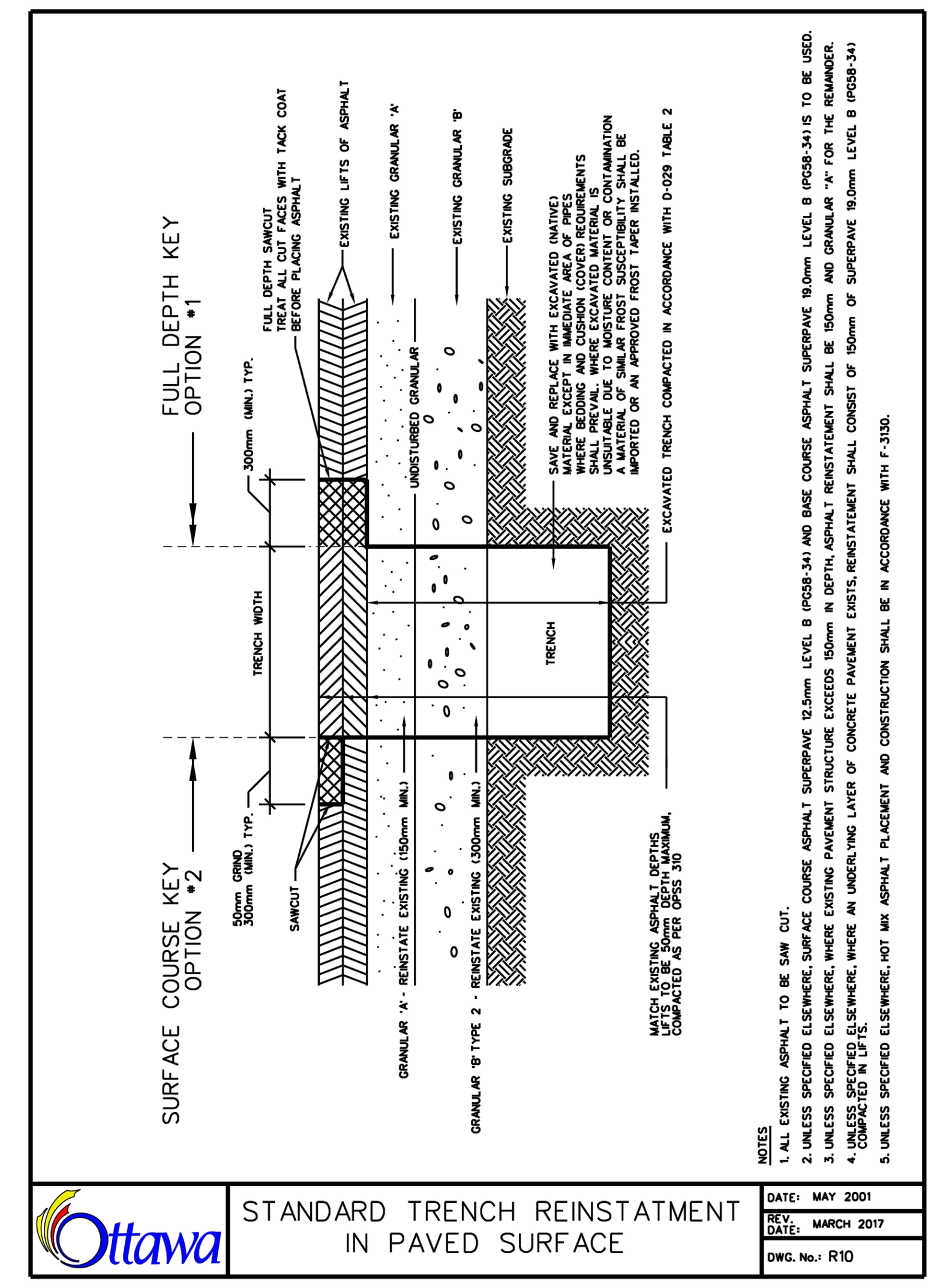
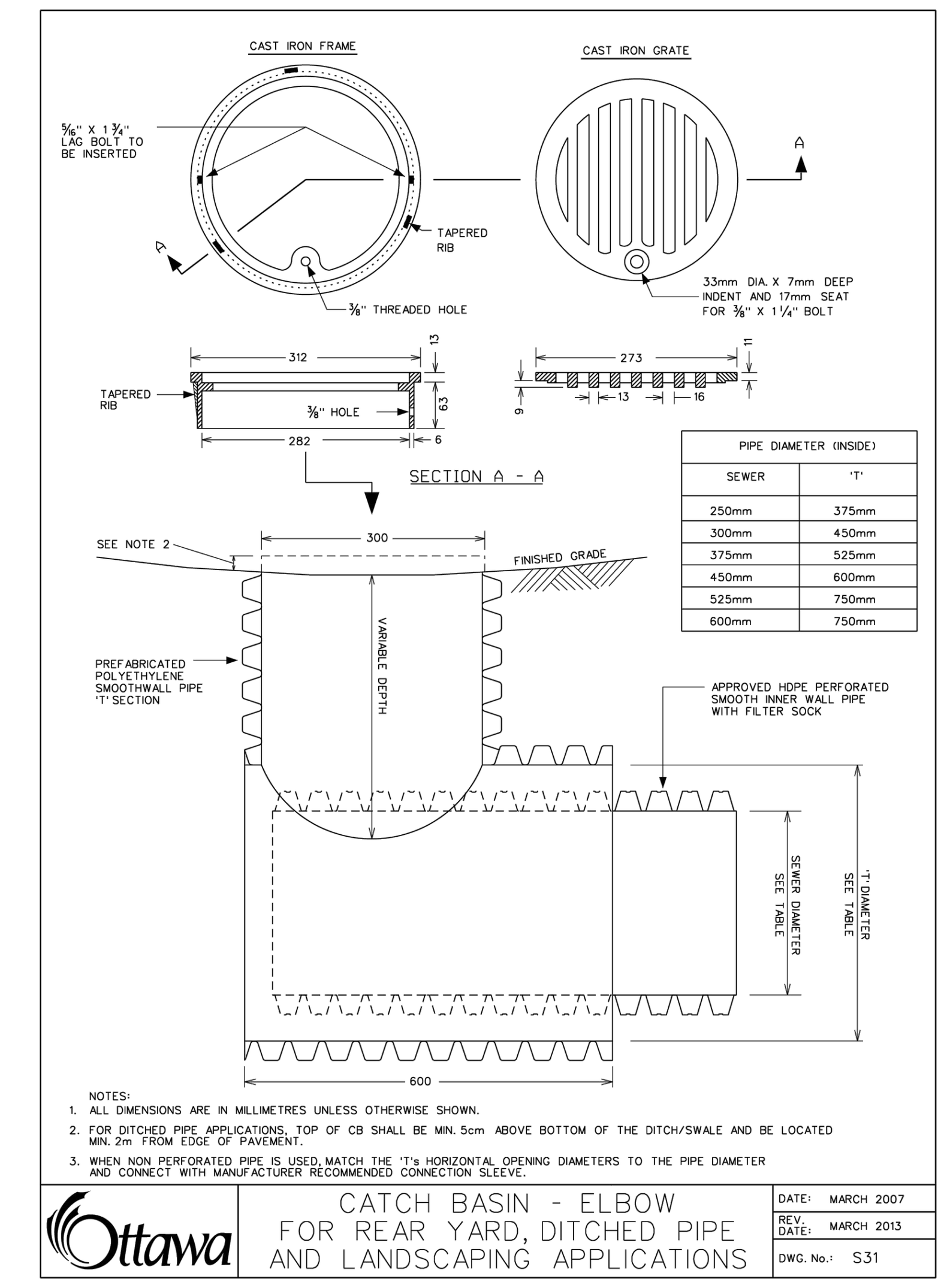
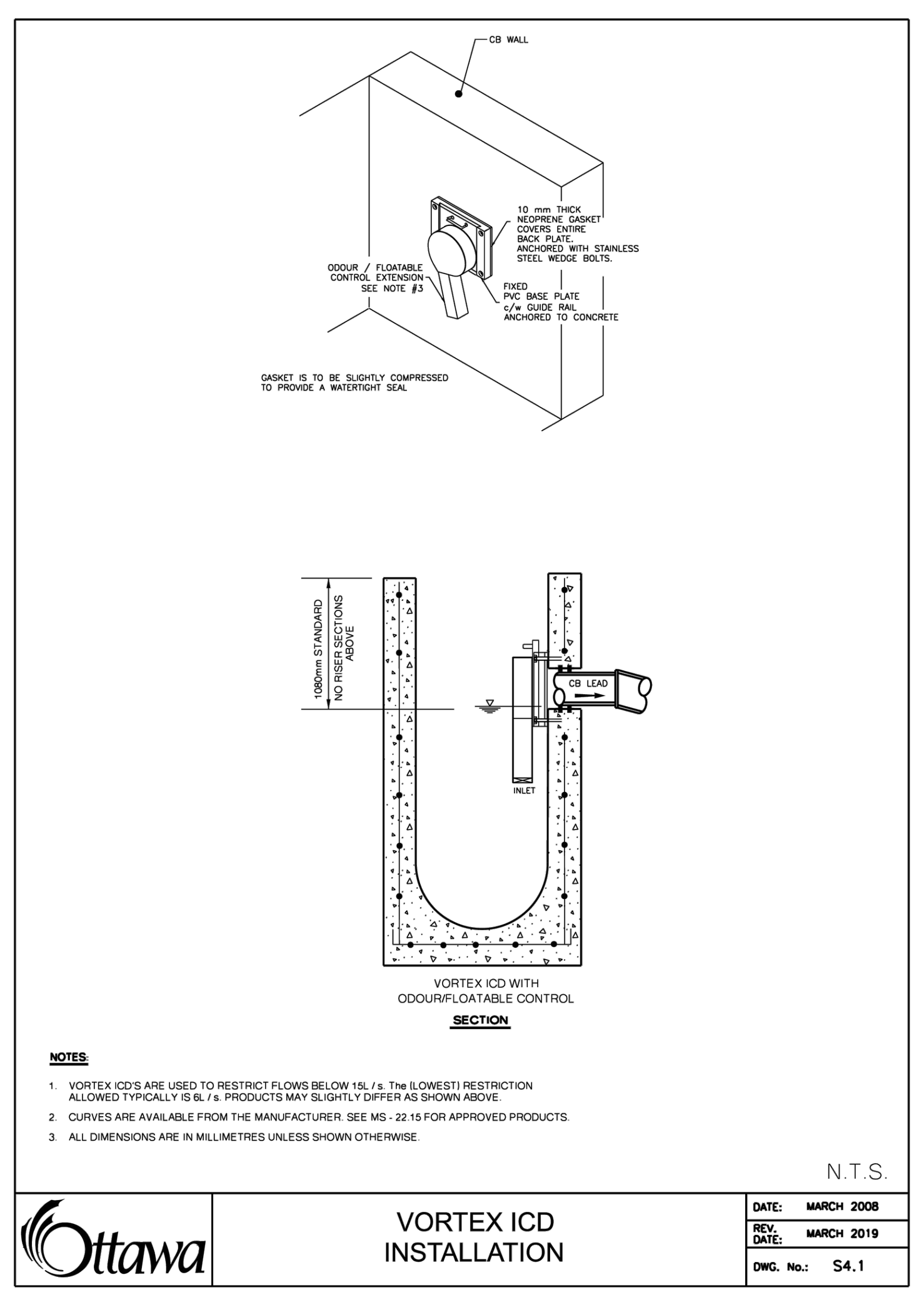


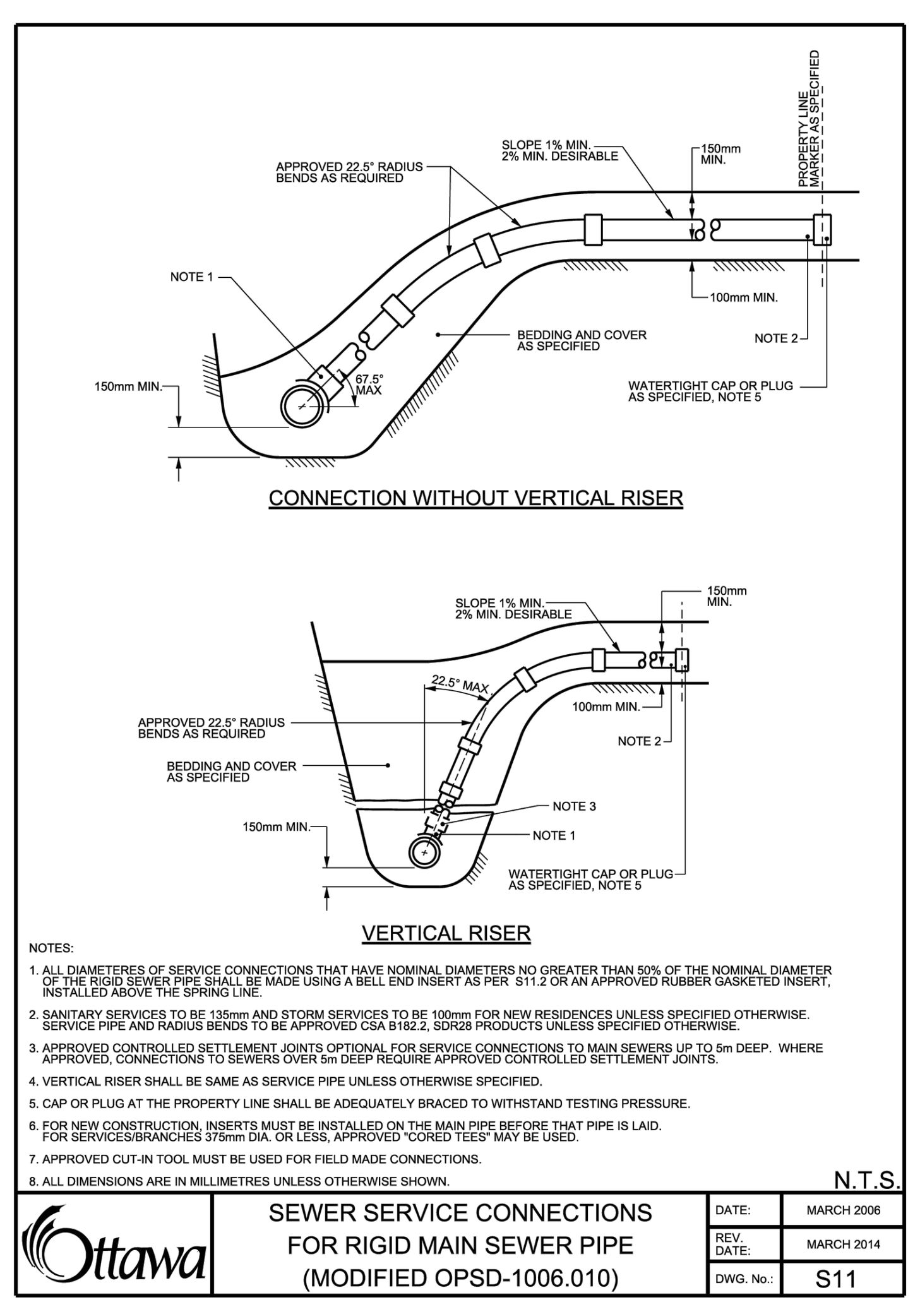


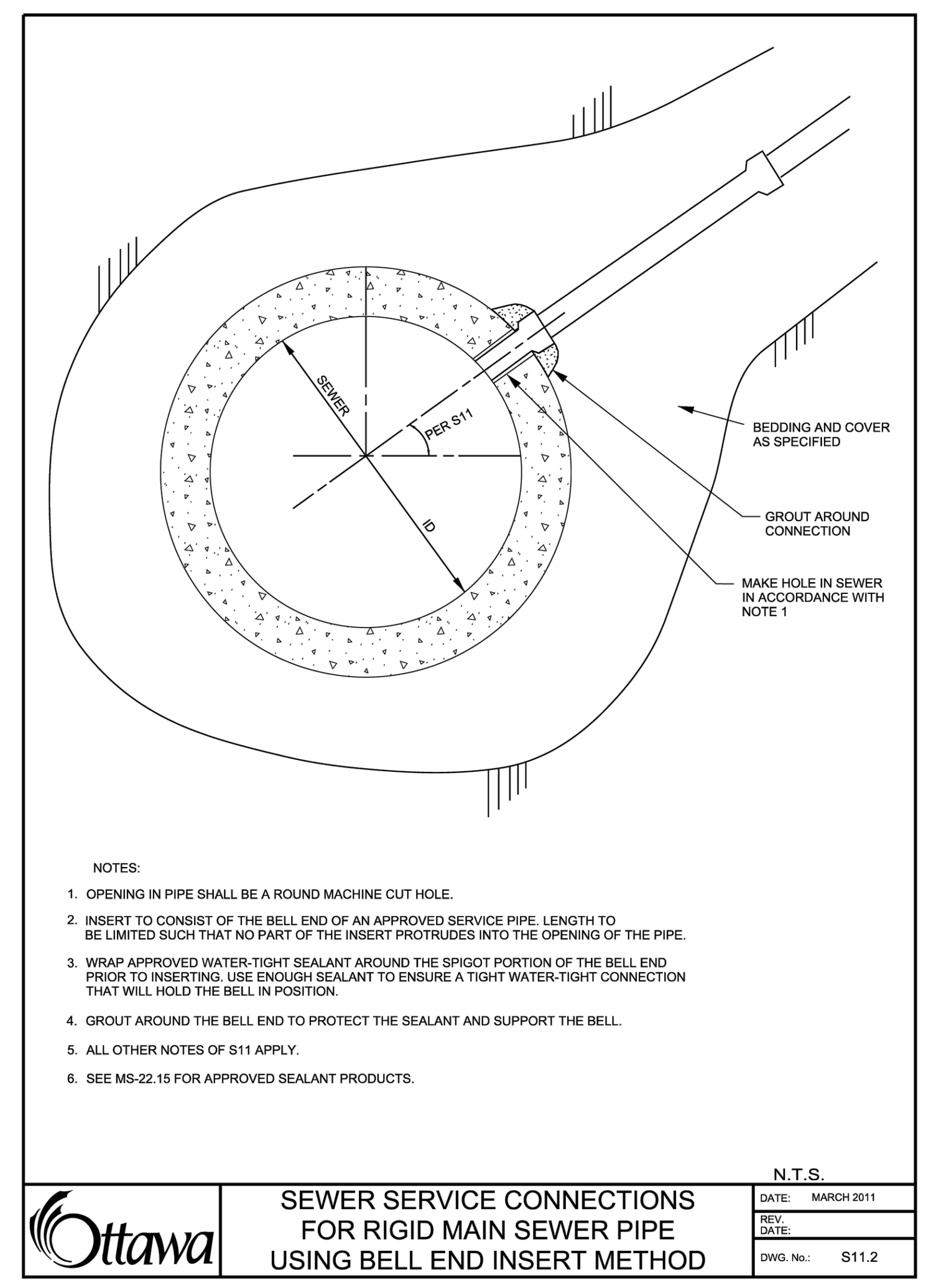


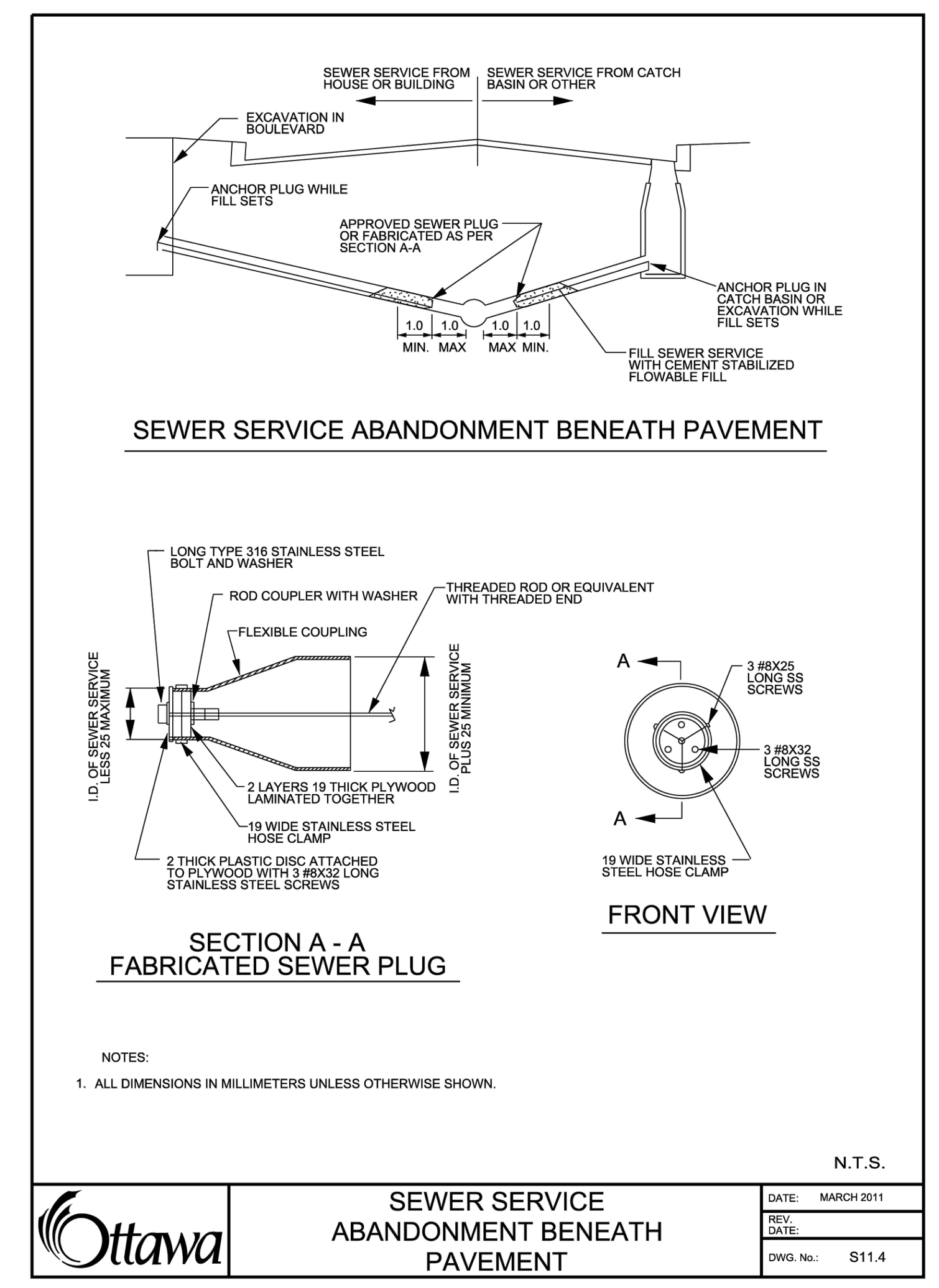


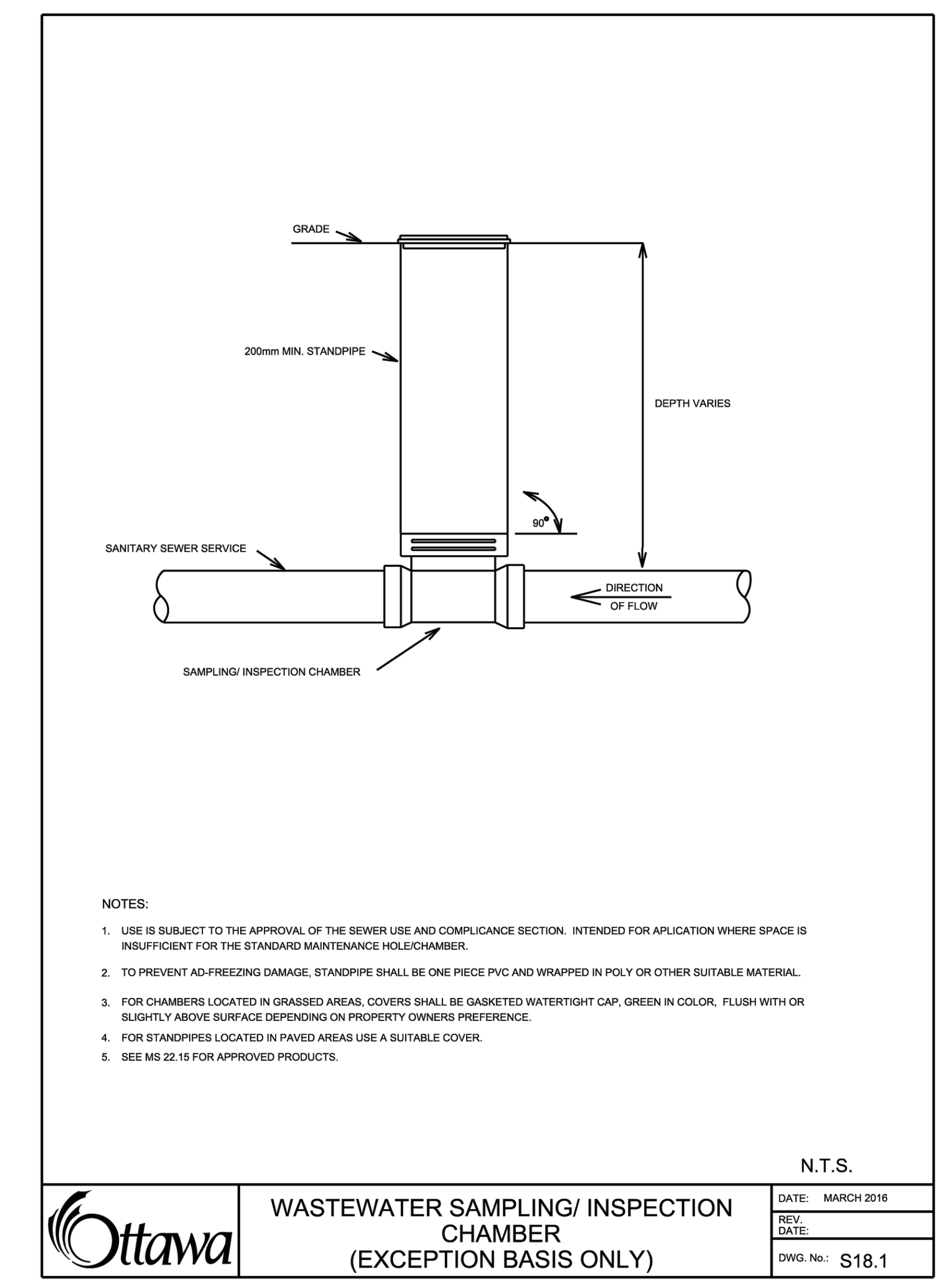


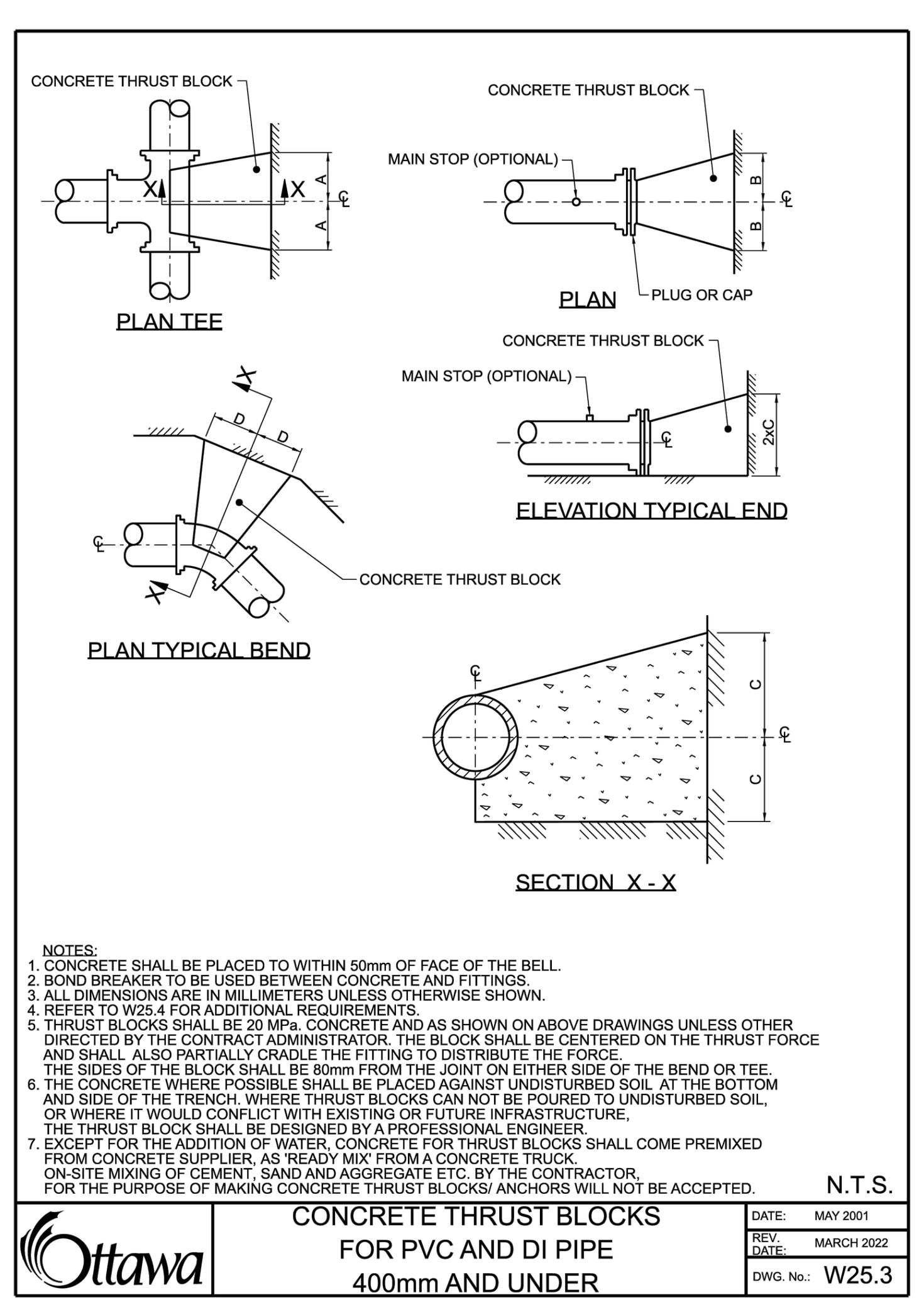












1. SOIL DESCRIPTION: VERY FINE SANDS, SANDY CLAYS, CLAYS.
SOILS WITH TYPICAL BEARING STRENGTH OF 100 TO 199 KPa

PIPE DIAMETER	DIMENSION NOTED ON W25.3			
	A	B	C	D
102	250	250	200	200
152	400	400	250	300
203	550	550	300	450
254	650	650	400	500
305	800	800	450	650
406	1050	1050	600	850

2. SOIL DESCRIPTION: SILTY SAND GRAVELS OR CLAYEY SAND GRAVEL MIXTURES, MODERATE AMOUNT OF FINES.
SOILS WITH TYPICAL BEARING STRENGTH OF 200 TO 299 KPa

PIPE DIAMETER	DIMENSION NOTED ON W25.3			
	A	B	C	D
102	200	200	150	150
152	250	250	200	200
203	350	350	250	270
254	450	450	300	350
305	500	500	350	400
406	750	750	400	600

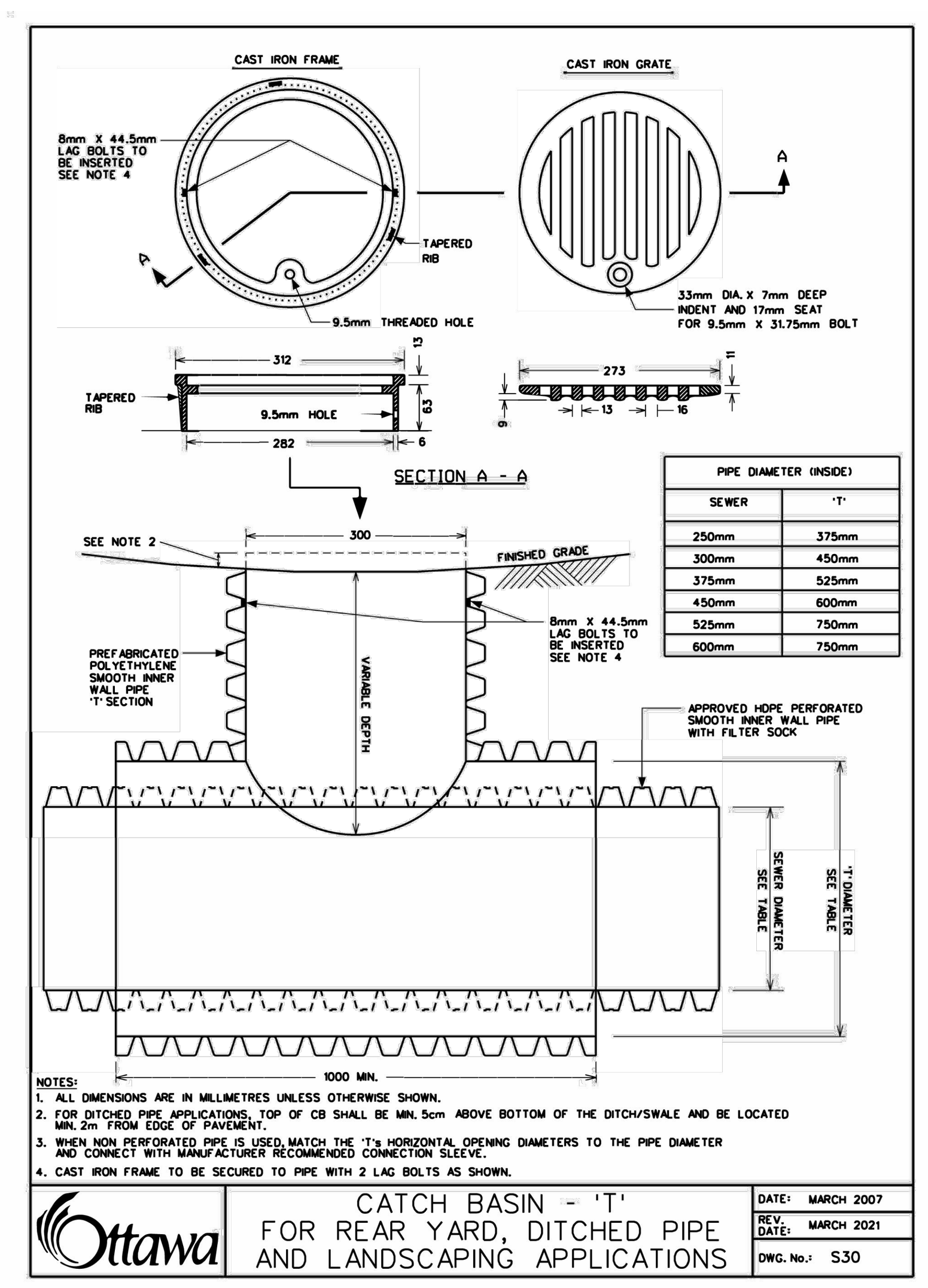
3. SOIL DESCRIPTION: SANDS, GRAVELS AND GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.
SOILS WITH TYPICAL BEARING STRENGTH OF 300 KPa AND OVER

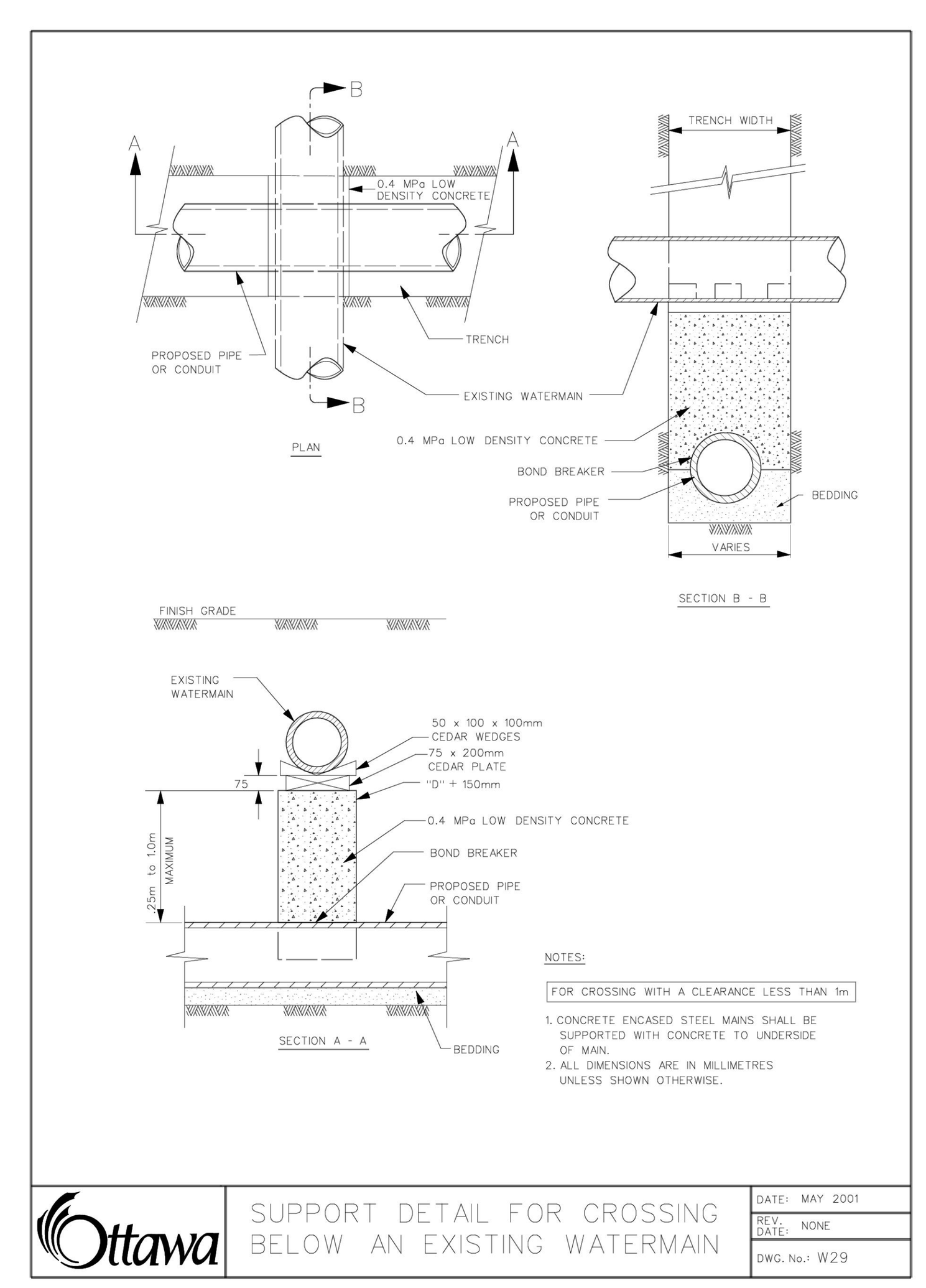
PIPE DIAMETER	DIMENSION NOTED ON W25.3			
	A	B	C	D
102	150	150	150	150
152	200	200	200	200
203	300	300	200	230
254	400	400	250	270
305	450	450	300	300
406	650	650	350	450

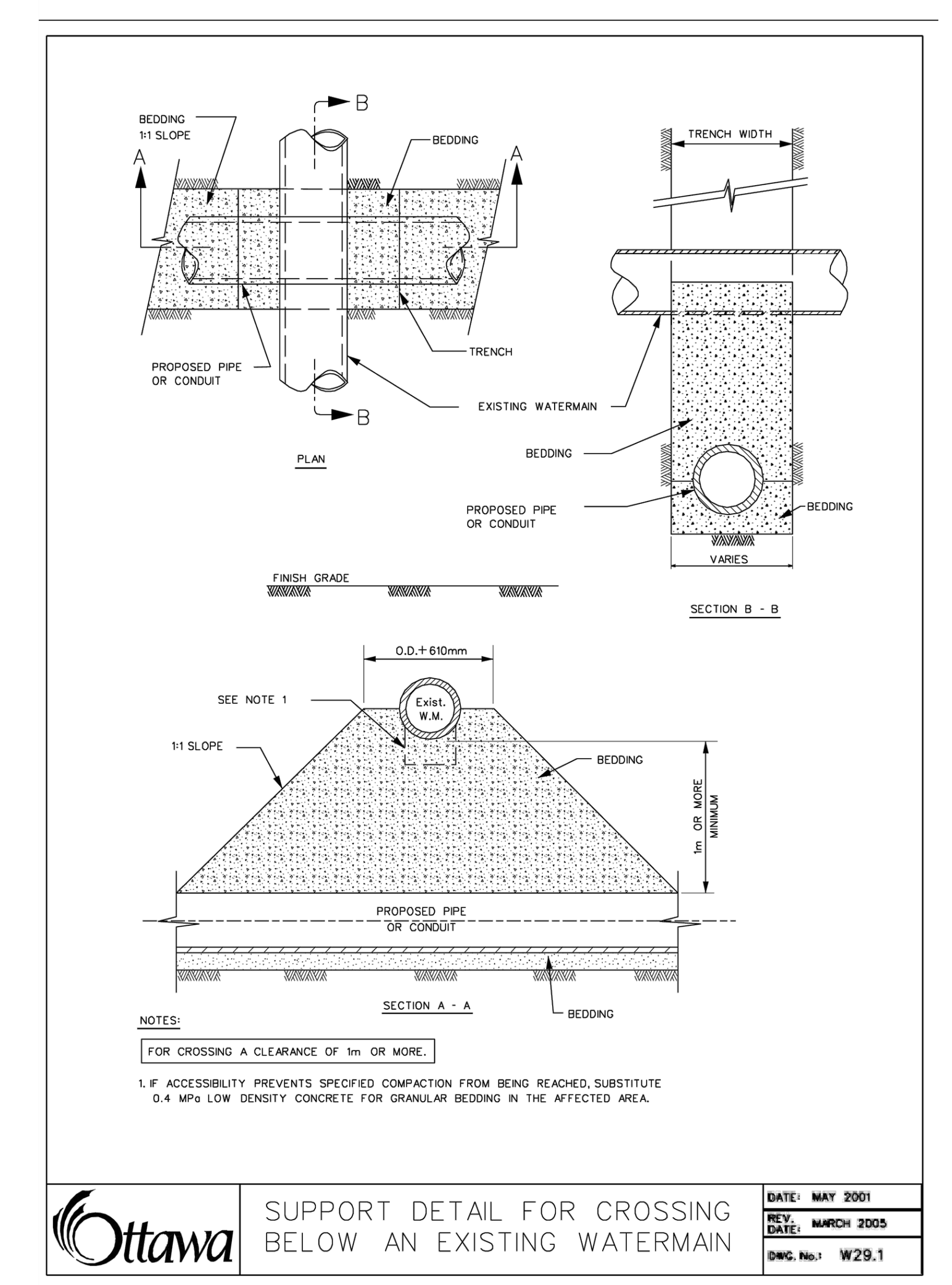
NOTES:

1. THE ABOVE THRUST BLOCK DIMENSIONS MEET OR EXCEED THE WATERMAIN DESIGN CRITERIA FOR FUTURE ALTERATIONS AUTHORIZED UNDER A DRINKING WATER WORKS PERMIT.
2. THE ASSUMPTIONS MADE FOR THE ABOVE CALCULATIONS ARE AS FOLLOWS:
   a) MAXIMUM OPERATING PRESSURE OF 100 psi.
   b) MAXIMUM SURGE PRESSURE WITH A FLOW VELOCITY CHANGE OF 0.6 m/s OF 115 psi (115 psi FOR CLASS 52 DI AND FOR PVC MAX. SURGE IS 35 psi)
3. THE TABLES APPLY TO BOTH DUCTILE IRON AND PVC. WHERE ONE LENGTH EXCEEDED THE OTHER THE LONGER LENGTH WAS USED.
4. DIMENSIONS MAY BE ADJUSTED SO LONG AS THE BEARING SURFACE AREA OF THE THRUST BLOCK IS NOT REDUCED.
4. TO BE USED IN CONJUNCTION WITH W25.3.

Ottawa — THRUST BLOCK DIMENSION TABLES FOR PVC AND DI PIPE 400mm AND UNDER — DATE: MAY 2001 — REV. DATE: MARCH 2011 — DWG. No.: W25.4







Stantec

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Legend

		By	Appd.	YY.MM.DD
4	ISSUED FOR FORMAL SPC SUBMISSION	JP	KS	24.06.18
3	REVISED PER CITY COMMENTS	JP	KS	24.05.17
2	REVISED PER CITY COMMENTS	AJT	KS	24.04.05
1	ISSUED FOR REVIEW	AJT	KS	24.01.22

Revision

File Name: 160401782-DB.dwg	Dwn.	Chkd.	Dsgn.	YY.MM.DD
	AJT	ALG	AJT	24.01.22

Permit-Seal

Client/Project
REZY PROPERTIES INC.

CENTRETOWN
283-285 McLEOD STREET
OTTAWA, ON, CANADA

Title
DETAIL SHEET

Project No. 160401782
Scale

Drawing No. DS-1
Sheet 7 of 7
Revision 3

PC2024-0043
PLAN #18721

ORIGINAL SHEET - ARCH D