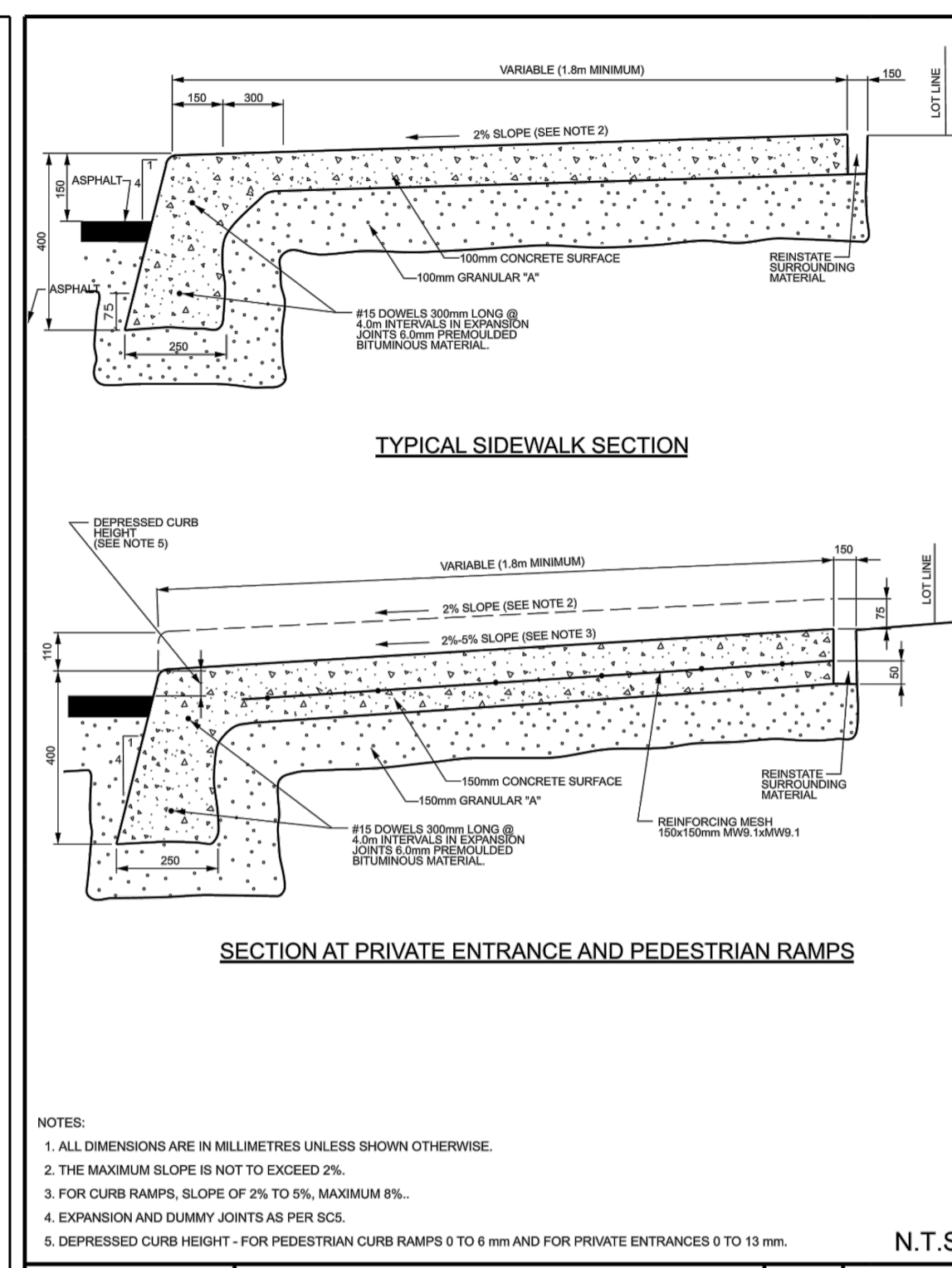


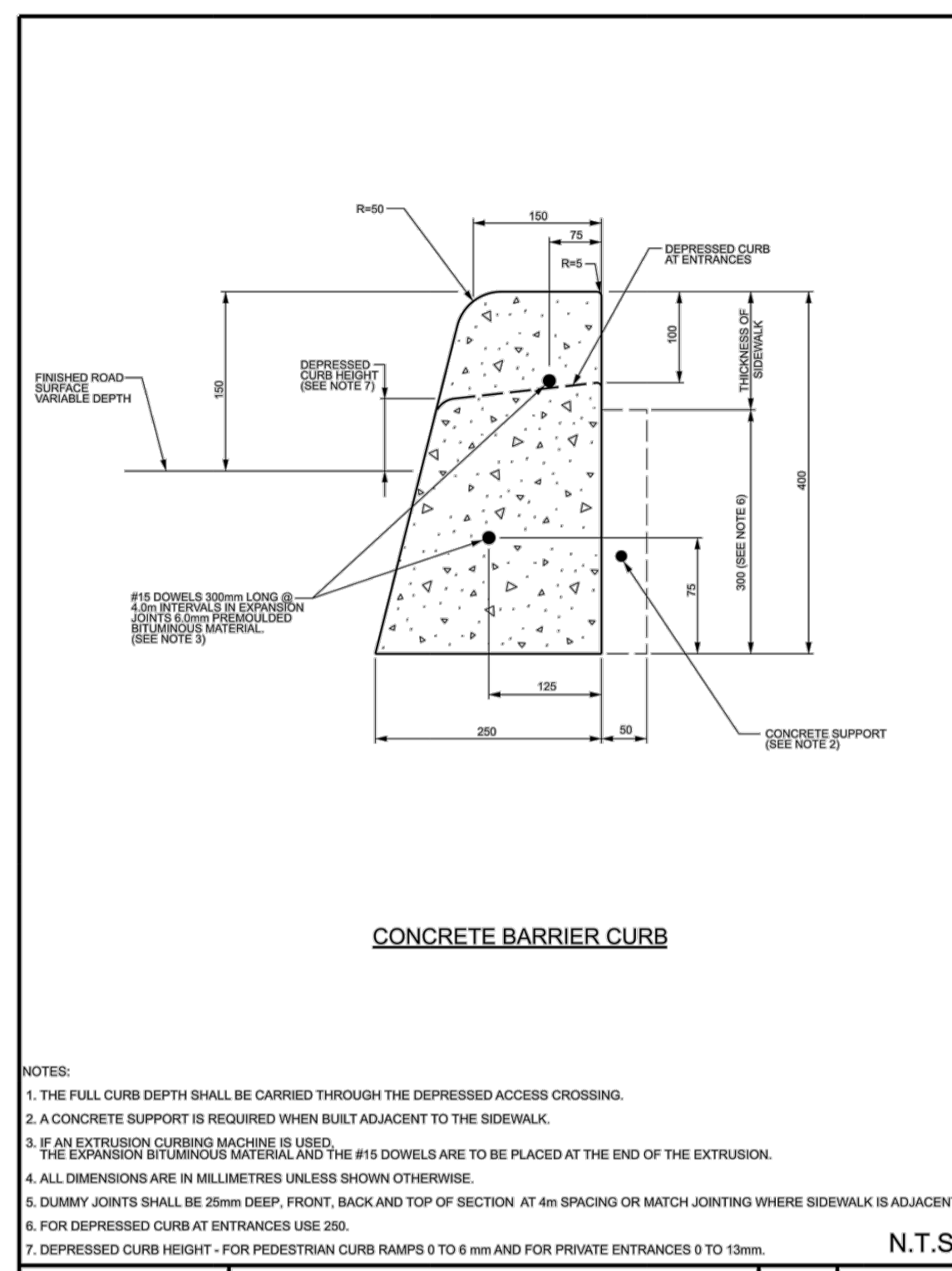
**CURB RETURN AT A PRIVATE ENTRANCE ENTRANCE - UNSIGNALIZED INTERSECTION**

DATE: MARCH 2007  
REV. DATE: MARCH 2021  
DWG. No.: SC7.1



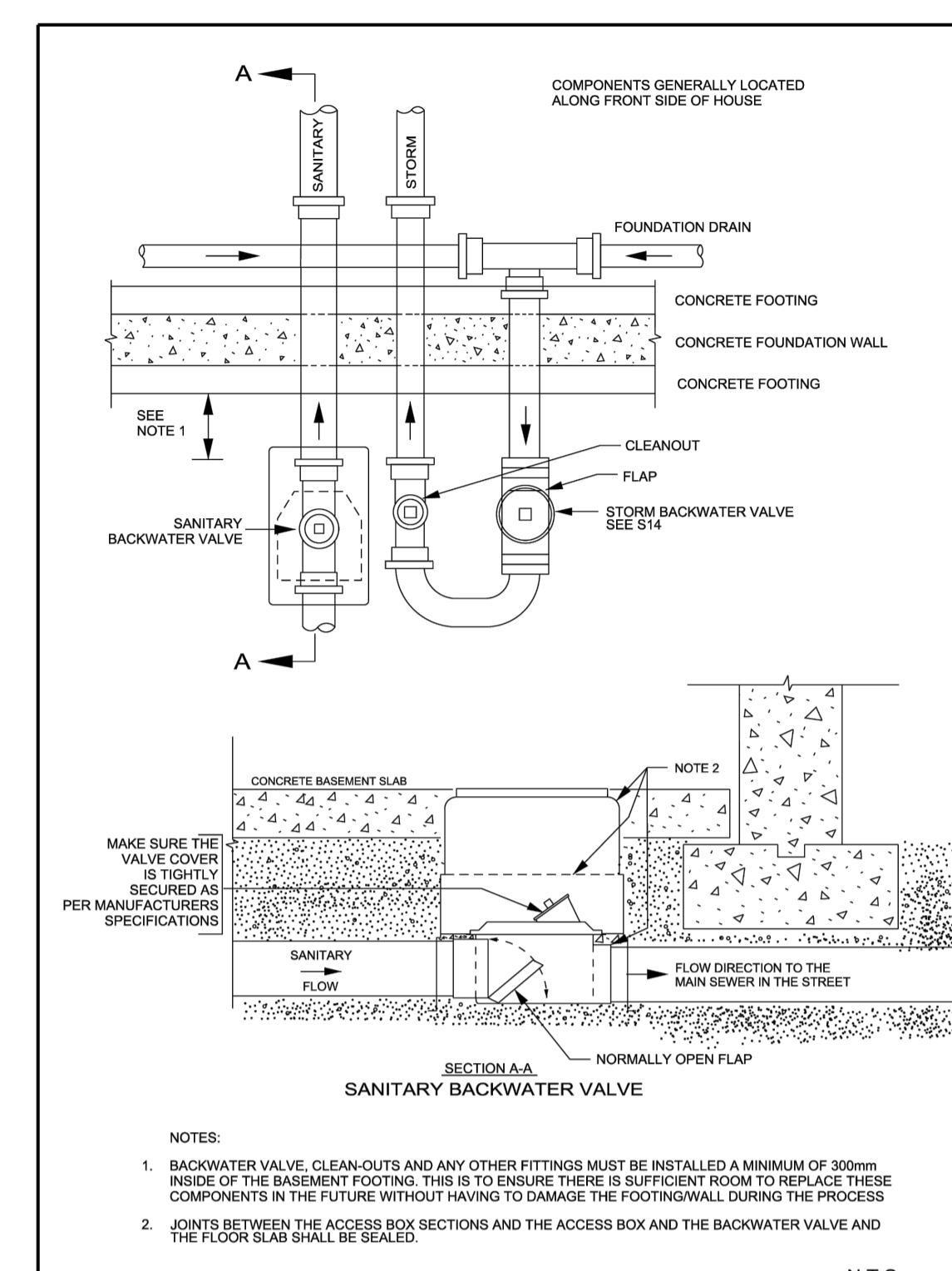
**MONOLITHIC CONCRETE CURB AND SIDEWALK**

DATE: MAY 2021  
REV. DATE: MAY 2021  
DWG. No.: SC2



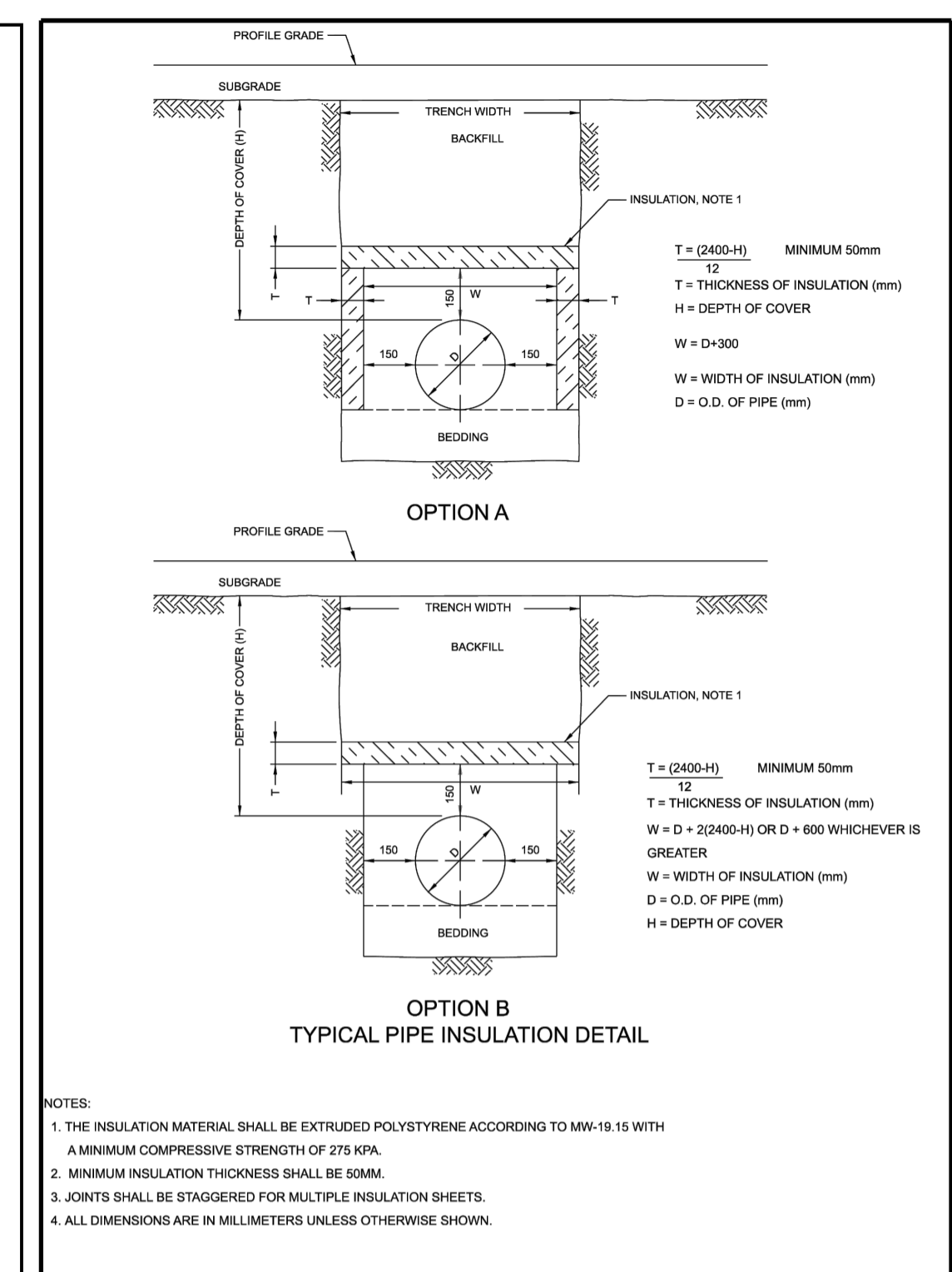
**CONCRETE BARRIER CURB FOR GRANULAR BASE PAVEMENT (MODIFIED OPSD-600.110)**

DATE: JANUARY 2009  
REV. DATE: MARCH 2021  
DWG. No.: SC1.1



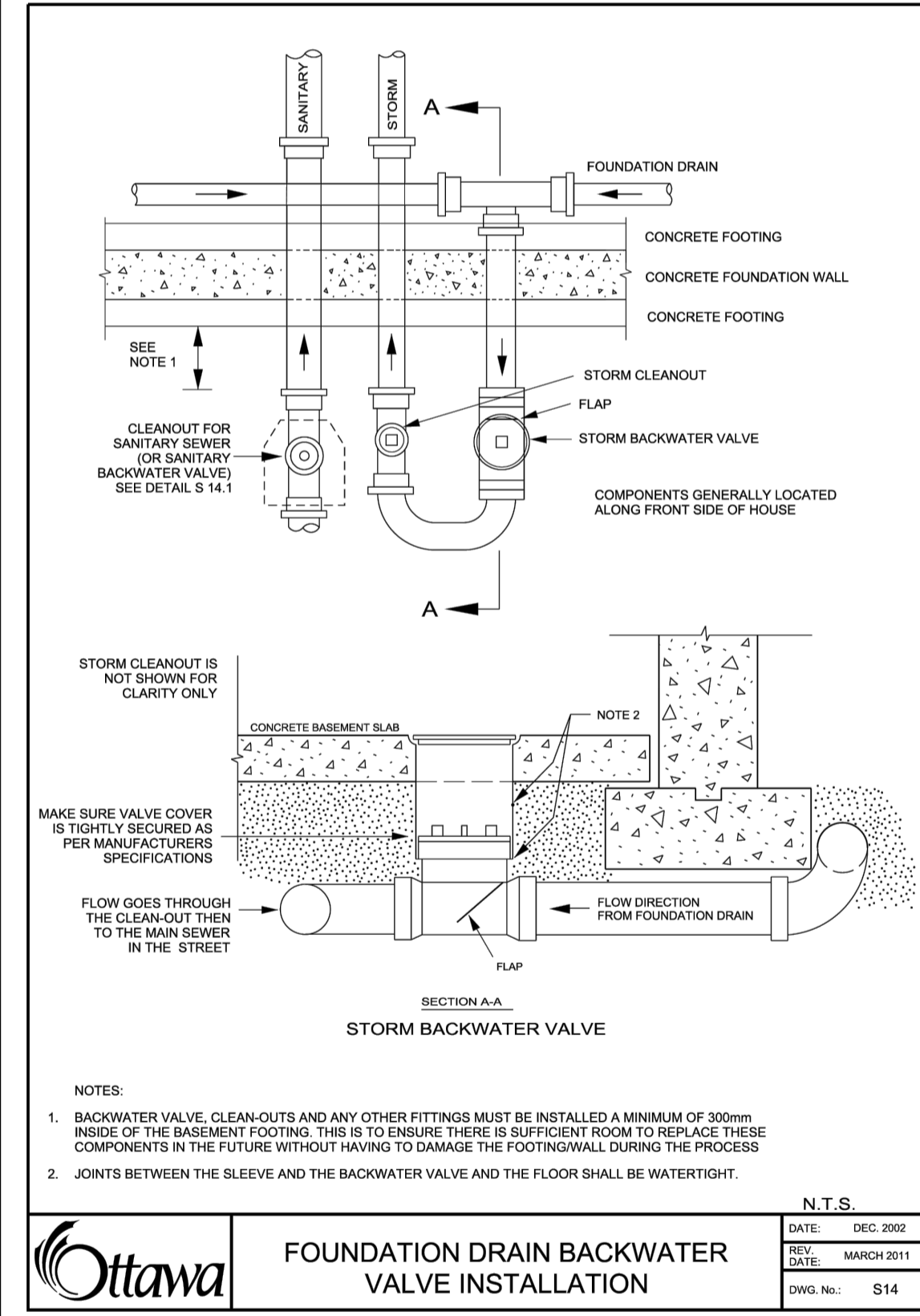
**SANITARY BACKWATER VALVE INSTALLATION TYPE 1**

DATE: MARCH 2010  
REV. DATE: MARCH 2011  
DWG. No.: S14.1



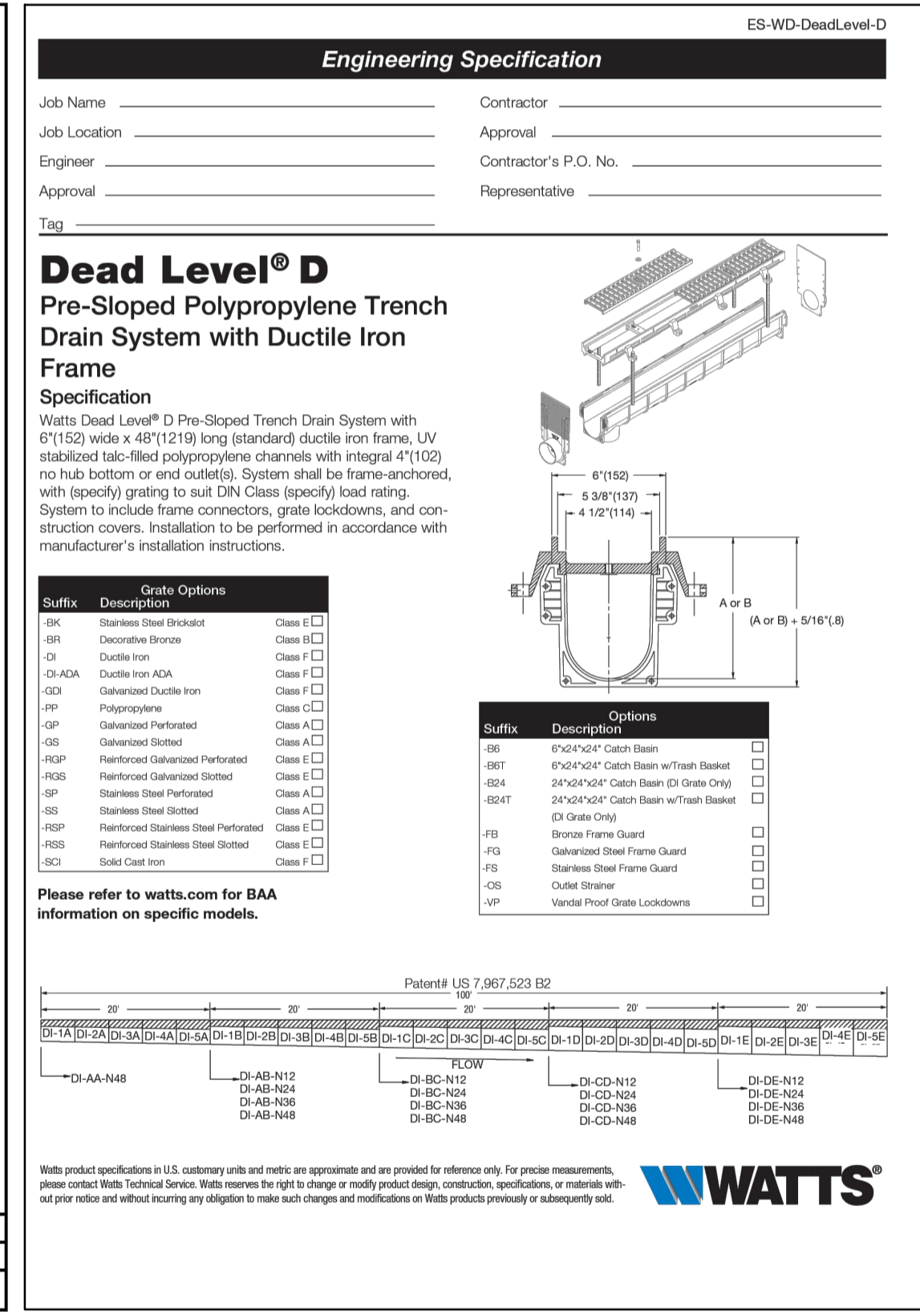
**INSULATION FOR SHALLOW SEWERS**

DATE: MARCH 2003  
REV. DATE: MARCH 2011  
DWG. No.: S35



**FOUNDATION DRAIN BACKWATER VALVE INSTALLATION**

DATE: DEC 2002  
REV. DATE: MARCH 2011  
DWG. No.: S14



**Dead Level® D Pre-Sloped Polypropylene Trench Drain System with Ductile Iron Frame**

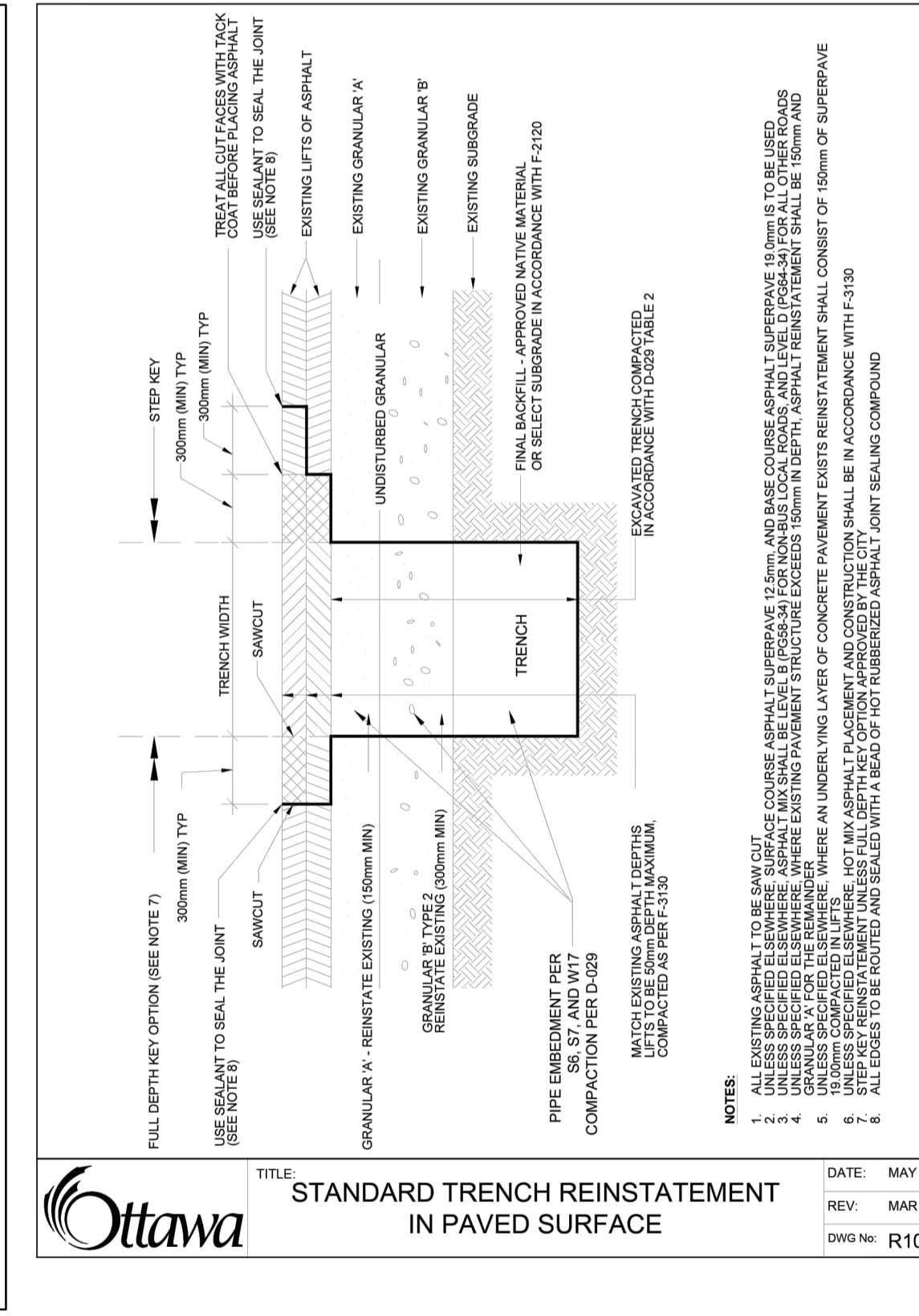
DATE: MARCH 2011  
REV. DATE: MARCH 2011  
DWG. No.: S14

**Dead Level® D Dimensional Data**

Part #	Configuration	Length	Weight (lbs)	Dim. A	Dim. B
DI-AA-N48	Neutral	48" (1219)	31	6-5/8" (168)	6-5/8" (168)
DI-1A	Sloped	48" (1219)	31	6-5/8" (168)	6-5/8" (168)
DI-3A	Sloped	48" (1219)	36	6-5/8" (168)	6-5/8" (168)
DI-5A	Sloped	48" (1219)	40	6-5/8" (168)	6-5/8" (168)
DI-6A	Sloped	48" (1219)	43	6-5/8" (168)	6-5/8" (168)
DI-7A	Sloped	48" (1219)	45	6-5/8" (168)	6-5/8" (168)
DI-AB-N12	Neutral	12" (305)	9	7-3/16" (186)	7-3/16" (186)
DI-1B	Sloped	12" (305)	9	7-3/16" (186)	7-3/16" (186)
DI-3B	Sloped	12" (305)	18	7-3/16" (186)	7-3/16" (186)
DI-5B	Sloped	12" (305)	26	7-3/16" (186)	7-3/16" (186)
DI-6B	Sloped	12" (305)	28	7-3/16" (186)	7-3/16" (186)
DI-7B	Sloped	12" (305)	32	7-3/16" (186)	7-3/16" (186)
DI-1B	Sloped	48" (1219)	32	7-3/16" (186)	7-3/16" (186)
DI-3B	Sloped	48" (1219)	41	7-3/16" (186)	7-3/16" (186)
DI-4B	Sloped	48" (1219)	44	7-3/16" (186)	7-3/16" (186)
DI-5B	Sloped	48" (1219)	46	7-3/16" (186)	7-3/16" (186)
DI-6B-N12	Neutral	12" (305)	9	8-3/4" (222)	8-3/4" (222)
DI-1B-N12	Sloped	12" (305)	9	8-3/4" (222)	8-3/4" (222)
DI-3B-N12	Sloped	12" (305)	16	8-3/4" (222)	8-3/4" (222)
DI-5B-N12	Sloped	12" (305)	26	8-3/4" (222)	8-3/4" (222)
DI-6B-N12	Sloped	12" (305)	28	8-3/4" (222)	8-3/4" (222)
DI-7B-N12	Sloped	12" (305)	32	8-3/4" (222)	8-3/4" (222)
DI-1B	Sloped	48" (1219)	32	8-3/4" (222)	8-3/4" (222)
DI-3B	Sloped	48" (1219)	40	8-3/4" (222)	8-3/4" (222)
DI-4B	Sloped	48" (1219)	42	8-3/4" (222)	8-3/4" (222)
DI-5B	Sloped	48" (1219)	45	8-3/4" (222)	8-3/4" (222)
DI-6B	Sloped	48" (1219)	47	8-3/4" (222)	8-3/4" (222)
DI-7B	Sloped	48" (1219)	50	8-3/4" (222)	8-3/4" (222)
DI-CD-N24	Neutral	24" (610)	18	10-5/16" (267)	10-5/16" (267)
DI-1CD-N24	Sloped	24" (610)	18	10-5/16" (267)	10-5/16" (267)
DI-3CD-N24	Sloped	24" (610)	26	10-5/16" (267)	10-5/16" (267)
DI-5CD-N24	Sloped	24" (610)	34	10-5/16" (267)	10-5/16" (267)
DI-6CD-N24	Sloped	24" (610)	36	10-5/16" (267)	10-5/16" (267)
DI-7CD-N24	Sloped	24" (610)	40	10-5/16" (267)	10-5/16" (267)
DI-1CD	Sloped	48" (1219)	34	10-5/16" (267)	10-5/16" (267)
DI-3CD	Sloped	48" (1219)	41	10-5/16" (267)	10-5/16" (267)
DI-5CD	Sloped	48" (1219)	48	10-5/16" (267)	10-5/16" (267)
DI-6CD	Sloped	48" (1219)	48	11-1/4" (290)	11-1/4" (290)
DI-7CD	Sloped	48" (1219)	48	11-1/4" (290)	11-1/4" (290)
DI-DE-N12	Neutral	12" (305)	10	11-7/8" (302)	11-7/8" (302)
DI-1DE-N12	Sloped	12" (305)	10	11-7/8" (302)	11-7/8" (302)
DI-3DE-N12	Sloped	12" (305)	17	11-7/8" (302)	11-7/8" (302)
DI-5DE-N12	Sloped	12" (305)	27	11-7/8" (302)	11-7/8" (302)
DI-6DE-N12	Sloped	12" (305)	30	11-7/8" (302)	11-7/8" (302)
DI-7DE-N12	Sloped	12" (305)	35	11-7/8" (302)	11-7/8" (302)
DI-1DE	Sloped	48" (1219)	35	11-7/8" (302)	11-7/8" (302)
DI-3DE	Sloped	48" (1219)	42	11-7/8" (302)	11-7/8" (302)
DI-5DE	Sloped	48" (1219)	44	12-1/2" (318)	12-1/2" (318)
DI-6DE	Sloped	48" (1219)	47	12-1/2" (318)	12-1/2" (318)
DI-7DE	Sloped	48" (1219)	49	12-1/2" (318)	12-1/2" (318)

**WATTS**

DATE: MARCH 2011  
REV. DATE: MARCH 2011  
DWG. No.: S14



**STANDARD TRENCH REINSTATEMENT IN PAVED SURFACE**

DATE: MAY 2021  
REV. DATE: MAR 2023  
DWG. No.: R10

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CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE COMMENCING WORK. DRAWINGS ARE NOT TO BE SCALED.

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**SURVEY**

TOPOGRAPHIC SURVEY WAS COMPLETED BY ANNIS, O'SULLIVAN, VOLLEBECK LTD., ONTARIO LAND SURVEYORS, DATED JULY 26, 2022. ELEVATIONS SHOWN ARE GEODETIC AND ARE REFER TO THE GVD28 GEODETIC DATUM.

**IBM:** TOP OF CB GRATE LOCATED ON SOUTH SIDE OF SITE ENTRANCE, ELEVATION 87.69.

No.	REVISION DESCRIPTION	DATE	ENGINEER STAMP
1.	ISSUED FOR SPA	JULY, 2023	
2.	RE-ISSUED FOR SPA	MAY, 2024	
3.	RE-ISSUED FOR SPA	OCT, 2024	
4.	RE-ISSUED FOR SPA	NOV, 2024	

**5497 MANOTICK MAIN ST. CITY OF OTTAWA**

**DETAILS**

**TATHAM ENGINEERING**

DESIGN: HY FILE: 522679 DWG: C502  
DRAWN: HY DATE: JULY 2023  
CHECK: GC SCALE: