

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

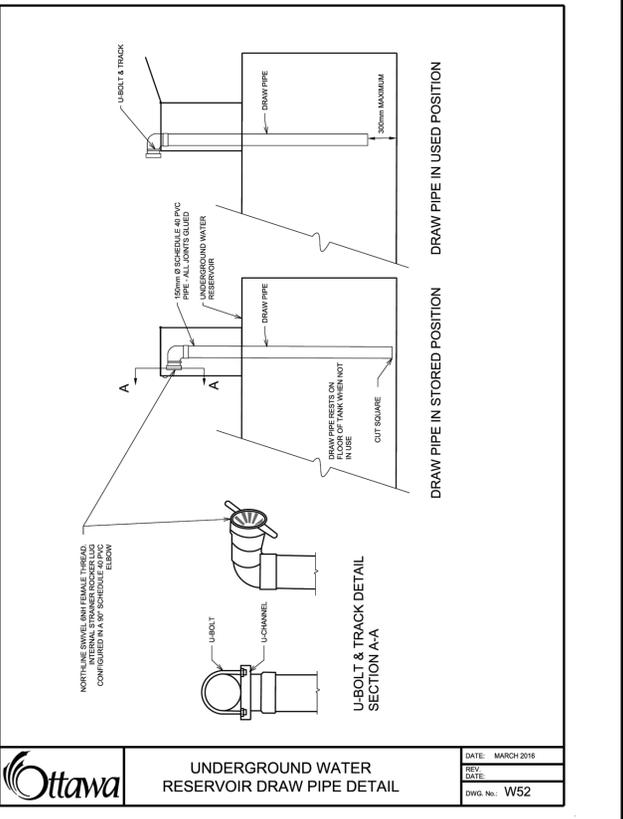
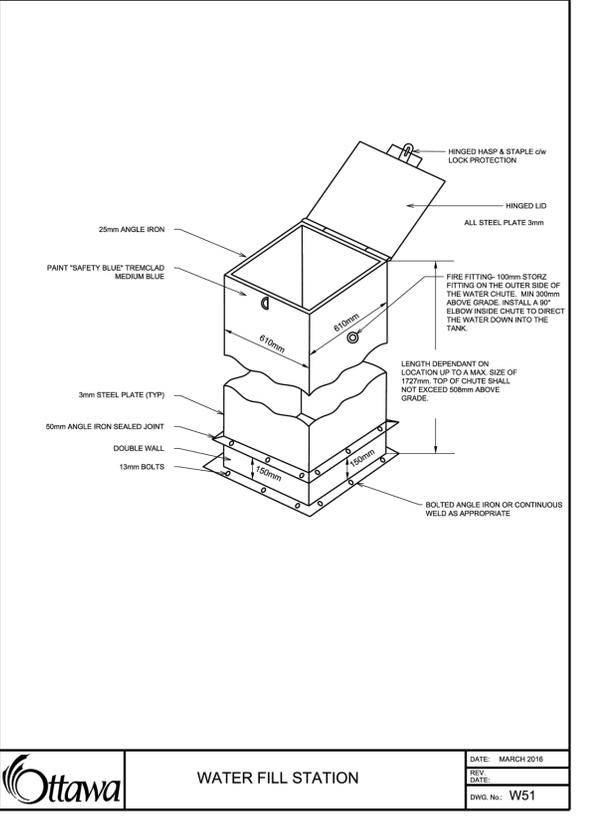
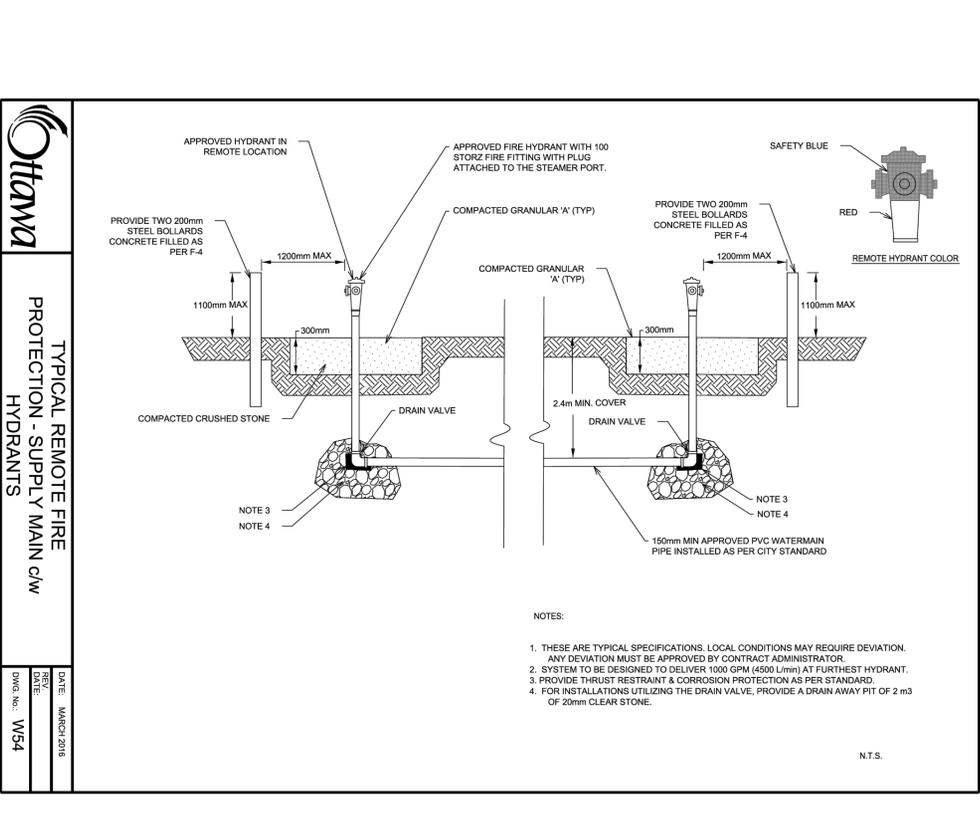
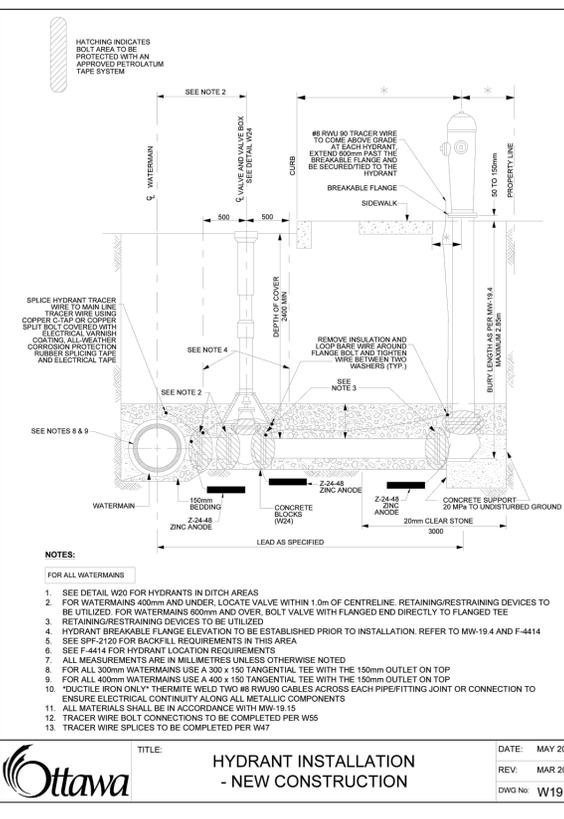
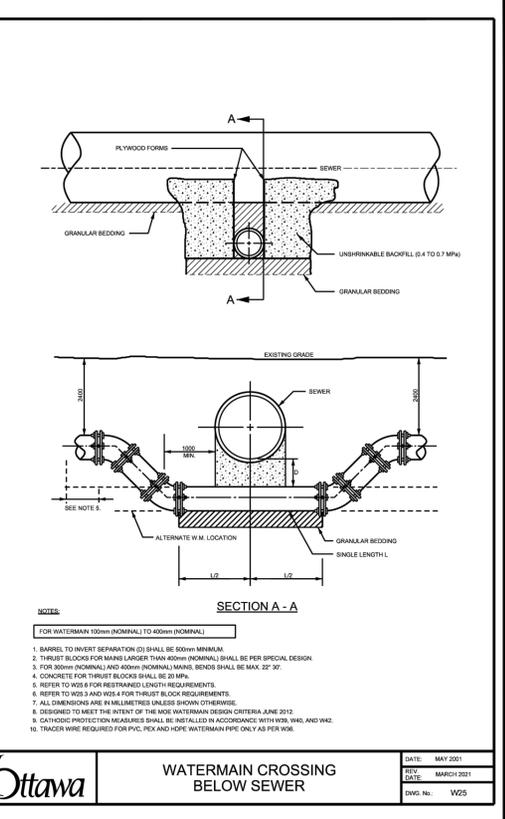
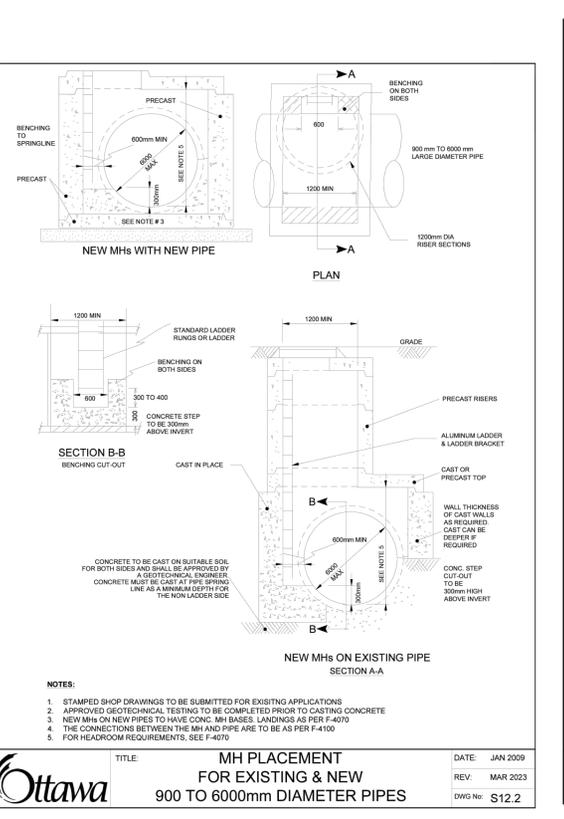
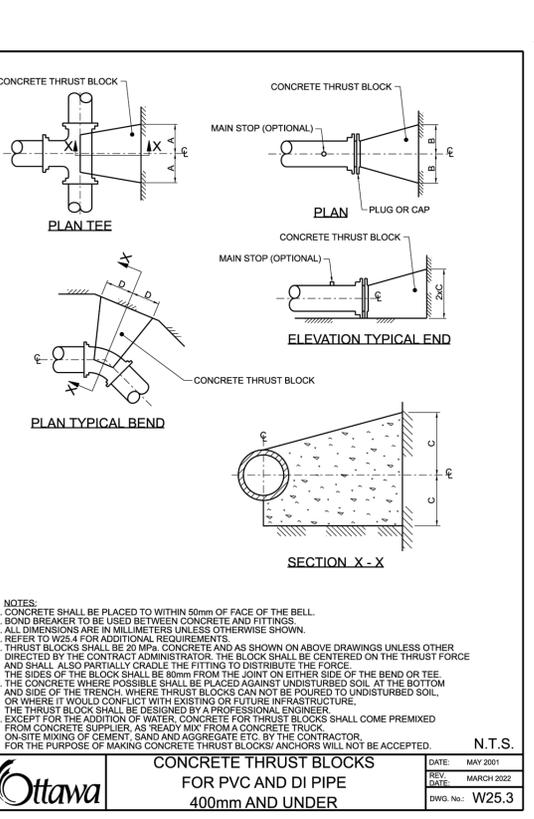
PIPE DIAMETER	DIMENSION NOTED ON W25.3			
	A	B	C	D
102	200	200	150	150
152	250	250	200	200
203	350	350	250	270
254	450	450	300	350
305	500	500	350	400
406	750	750	400	600

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

THRUST BLOCK DIMENSION TABLES FOR PVC AND DI PIPE 400mm AND UNDER

DATE: MAY 2001
REV: MARCH 2011
DWG No.: W25.4



FOR PERMITTING

DRAWING No.	DESCRIPTION	REV	DESCRIPTION	VERIFIED BY	APPROVED BY	DATE
AD	FOR PERMITTING			B. THOMAS	V. BRUNELLE	2025-11-05
AC	FOR PERMITTING			E. AMELI	M. SHAHRAKI	2025-06-19
AB	FOR COMMENTS			E. AMELI	M. SHAHRAKI	2025-06-06
AA	FOR COMMENTS			E. AMELI	M. SHAHRAKI	2025-03-03

Evolgen by Brookfield Renewable

PROJECT: SOUTH MARCH BESS
2556 MARCHURST ROAD, OTTAWA

TITLE: CIVIL
STORMWATER AND WATER NETWORK DETAILS

DESIGNED BY: B. THOMAS
VERIFIED BY: V. BRUNELLE
SCALE: N/A

DRAFTED BY: G. NORMAND
APPROVED BY: V. BRUNELLE
DATE: 2025-02-20

DRAWING No.: 7154023-100000-41-D50-0001

SHEET: 01
SIZE: A1
REV: AD