

BY JAMES DONNA
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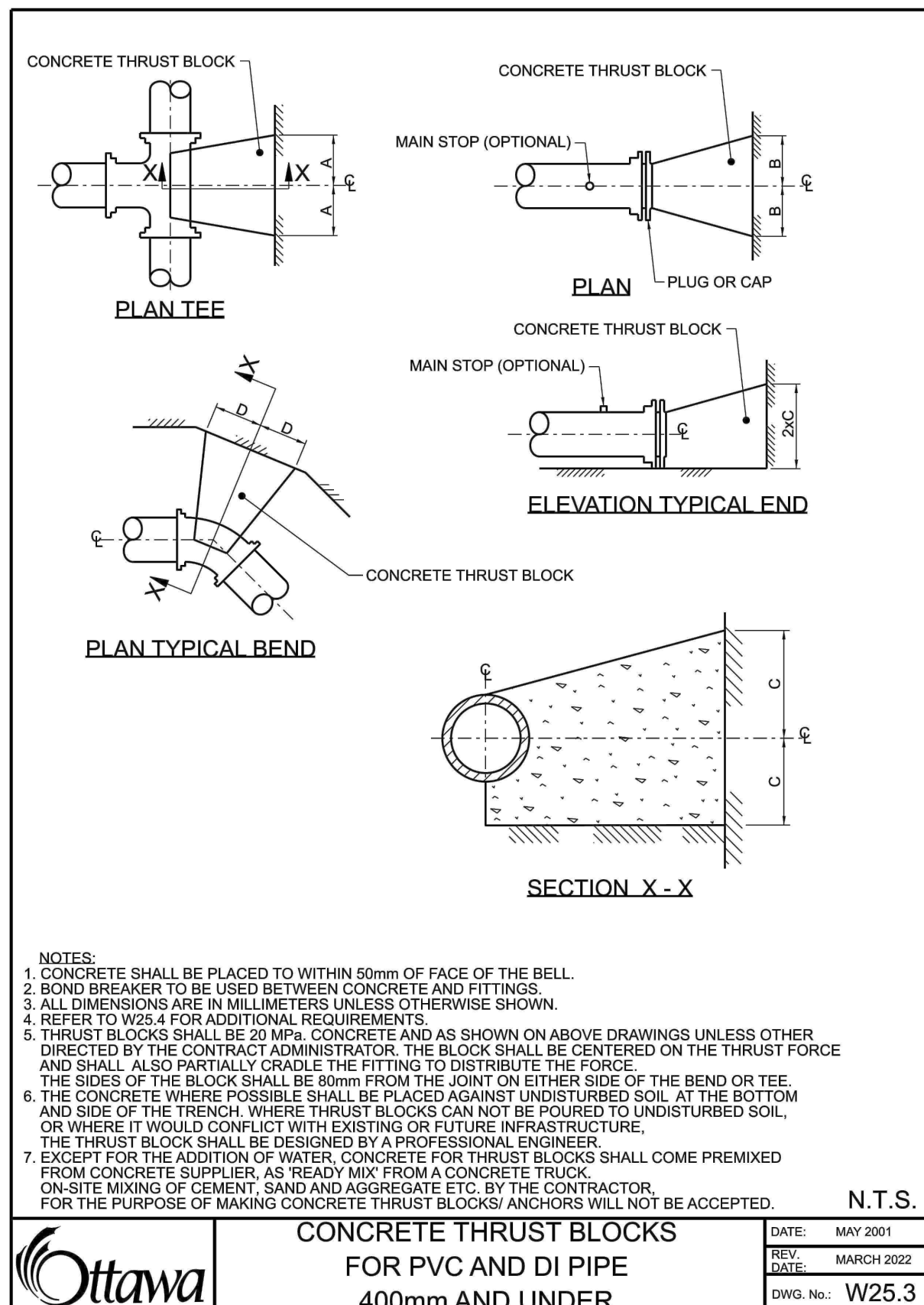
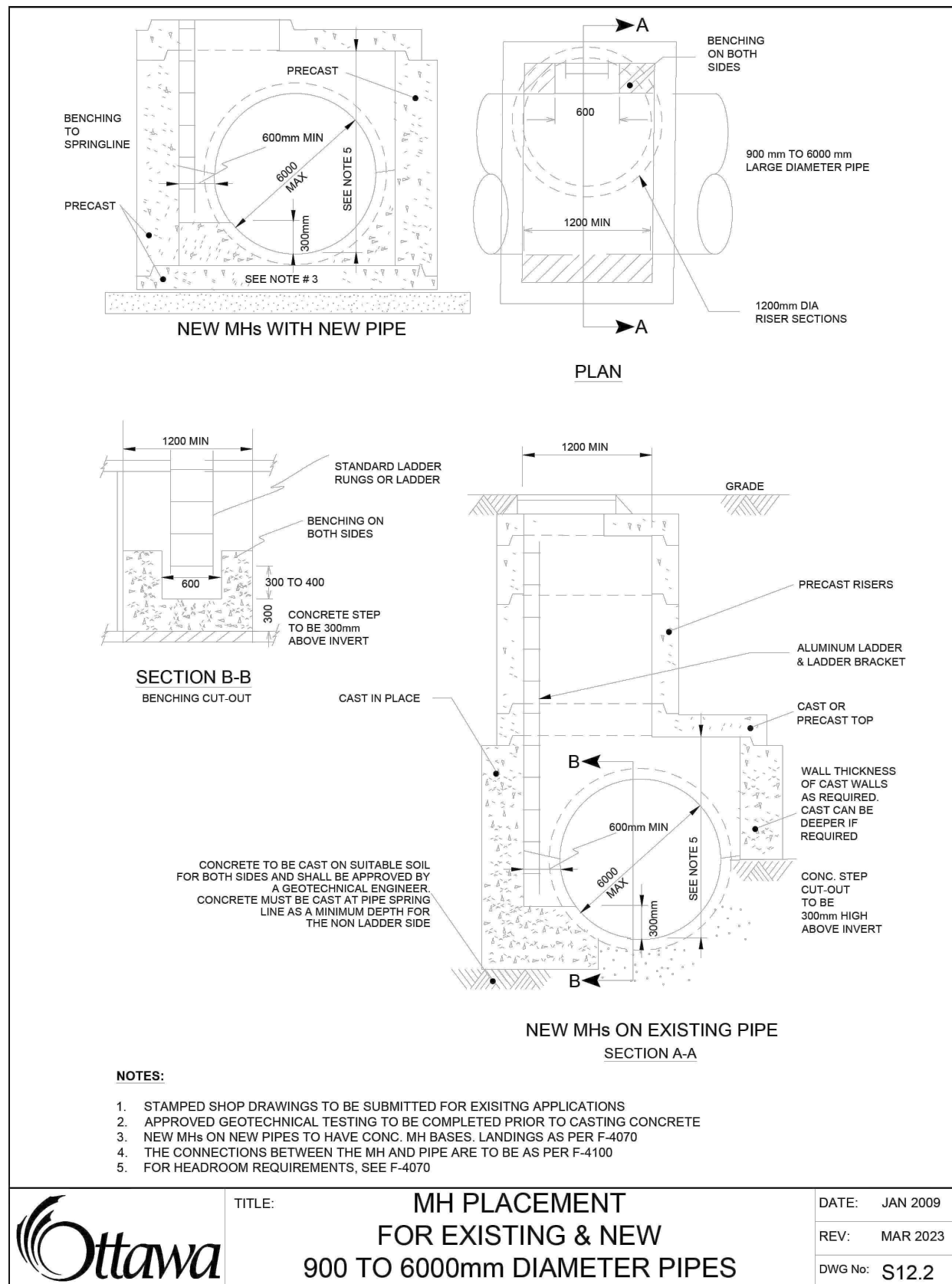
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DRAWING No.	DESCRIPTION	REV	DESCRIPTION	VERIFIED BY	APPROVED BY	DATE
		AC	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-06-19
		AB	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-06-06
		AA	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-03-03
REFERENCE DRAWINGS		REVISIONS				

PROJECT: SOUTH MARCH BESS 2556 MARCHURST ROAD, OTTAWA	
TITLE: CIVIL STORMWATER AND WATER NETWORK DETAILS	
DESIGNED BY: E. AMELI	DRAFTED BY: S. PARK
VERIFIED BY: E. AMELI	APPROVED BY: M. SHAHRAKI P.ENG EGBC No. 45275
SCALE: N/A	DATE: 2025-02-20
DRAWING No.: 7154023-100000-41-D50-0001	
SHEET: 01	SIZE: A1
REV. AC	

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

