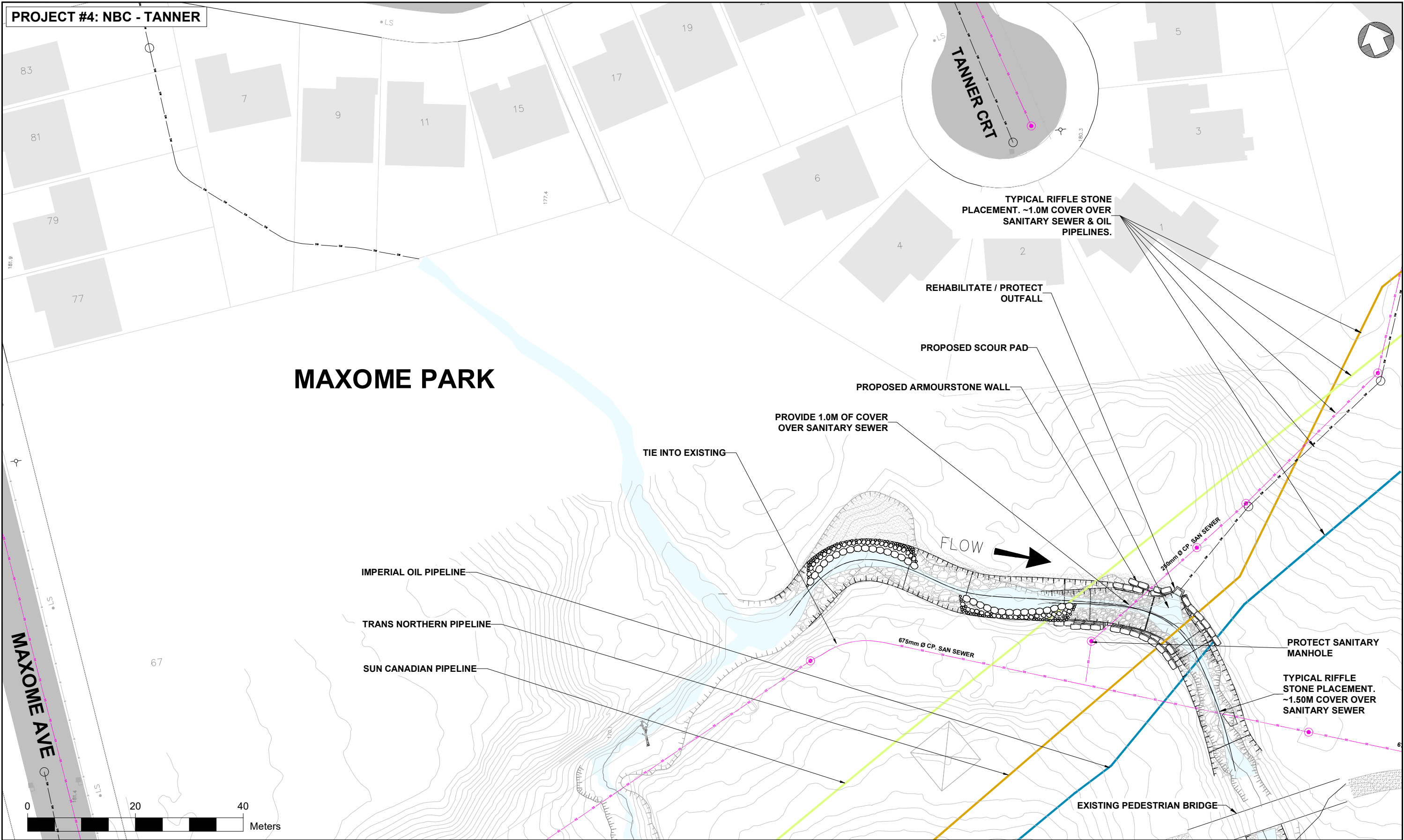

Appendix W (Part 3)

Erosion Control Structure



				NEWTONBROOK CREEK GEOMORPHIC SYSTEMS MASTER PLAN City of Toronto	
				PROPOSED WORKS - PROJECT #4: NBC - TANNER	
DESIGN:		DRAFTING:	AB	CHECK:	CONTRACT No.
SCALE:	HORIZONTAL 1:300	DRAWING		NUMBER:	SHEET No. 4 OF 11
DATE:	2024/03/08				

LEGEND			
	STORM SEWER		CREEK
	SANITARY SEWER		PROPERTY LINE
	STORM SEWER MANHOLE		WATER MAIN
	SANITARY SEWER MANHOLE		PROP. TOB
			EX. TOB
			EXISTING TRAIL

1	2024/03/08	ISSUED FOR TECHNICAL MEMORANDUM #4	R.A	R.A
No.	DATE	REVISIONS	INITIAL	SIGNED

PROJECT #5: NBC - MAXOME

**ADDITIONAL RIFFLE STONE PLACEMENT
MIN. 1.0m COVER OVER CONCRETE
SANITARY SEWER ENCASEMENT**

TIE TO EXISTING

PROPOSED VEGETATED BUTTRESS

CHANNEL REALIGNMENT AWAY FROM SANITARY SEWER

PROPOSED ARMOURSTONE WALL

TYPICAL RIFFLE POOL MORPHOLOGY

**ADDITIONAL RIFFLE STONE PLACEMENT
MIN. 1.0m COVER OVER SANITARY SEWER**

TIE INTO EXISTING

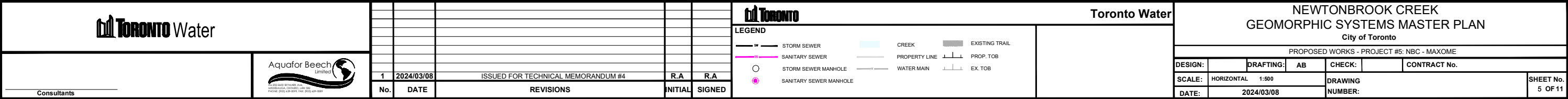
MAXOME AVE

BISHOP AVE

FLOW

0 20 40 Meters

180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500 505 510 515 520 525 530 535 540 545 550 555 560 565 570 575 580 585 590 595 600 605 610 615 620 625 630 635 640 645 650 655 660 665 670 675 680 685 690 695 700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800 805 810 815 820 825 830 835 840 845 850 855 860 865 870 875 880 885 890 895 900 905 910 915 920 925 930 935 940 945 950 955 960 965 970 975 980 985 990 995 1000



PROPOSED WORKS - PROJECT #5: NBC - MAXOME

DATE:	2024/03/08	NUMBER:
-------	------------	---------

SHEET No.
5 OF 11

PROJECT #6: NBC - MANORCREST

RIFFLE STONE PLACEMENT
MIN. 1.42m COVER OVER WATERMAIN

TYPICAL RIFFLE POOL MORPHOLOGY

TIE INTO EXISTING

675mm Ø CP SAN SEWER

1350mm Ø WATER MAIN

PROPOSED VEGETATED BUTTRESS TO PROTECT WATERMAIN CHAMBER

RIFFLE STONE PLACEMENT
MIN. 2.0m COVER OVER CONCRETE SANITARY SEWER ENCASEMENT

REHABILITATE STORM SEWER OUTFALL & OUTFALL CHANNEL

900mm Ø CP STM SEWER

LAREDO CRT

0 20 40 Meters

MANORCREST DR

28 30 32 29 27 30X

167.8 166.0 40

ST



**RIFFLE STONE PLACEMENT
MIN. 1.42m COVER OVER WATERMAIN**

TIE INTO EXISTING

**PROPOSED VEGETATED
BUTTRESS TO PROTECT
WATERMAIN CHAMBER**

REHABILITATE STORM SEWER OUTFALL & OUTFALL CHANNEL

1350mm Ø WATER MAIN

LAREDO CRT

The diagram shows a 40-meter race track. A horizontal line represents the track, with a starting line at 0 meters and a finish line at 40 meters. A 20-meter segment is marked from the start. A circular path is shown around the track, with a radius of 20 meters. A pink line indicates the path of the race, starting at the 20-meter mark and ending at the 40-meter mark. The word "Meters" is written at the end of the track.



1	2024/03/08	ISSUED FOR TECHNICAL MEMORANDUM #4			R.A R.A
No.	DATE	REVISIONS			INITIAL SIGNED



LEGEND

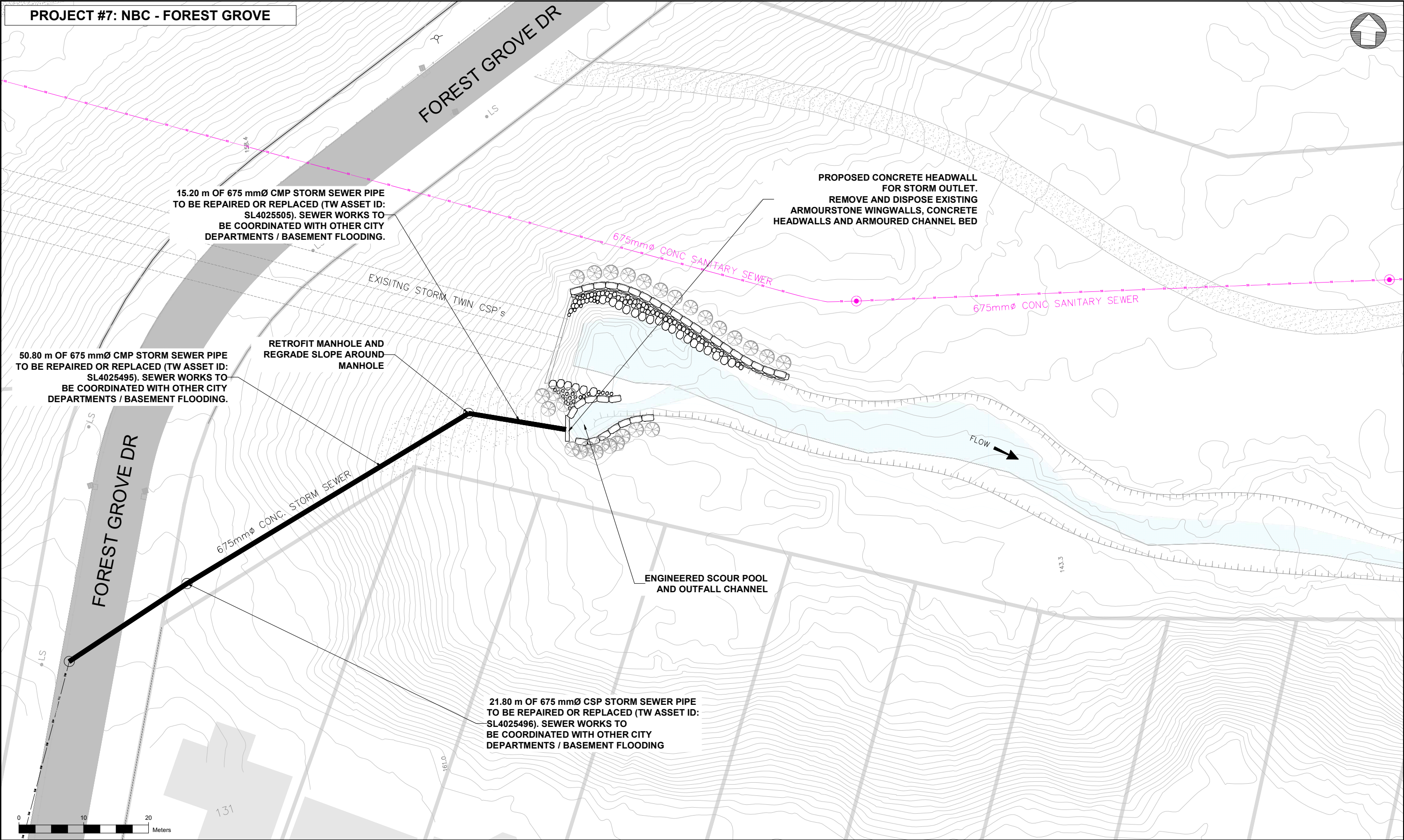
- STORM SEWER CREEK EXISTING TRAIL
 SANITARY SEWER  PROPERTY LINE  PROP. TOB
 STORM SEWER MANHOLE  WATER MAIN  EX. TOB
 SANITARY SEWER MANHOLE

Toronto Water

NEWTONBROOK CREEK
GEOMORPHIC SYSTEMS MASTER PLAN
City of Toronto

PROPOSED WORKS - PROJECT #6: NBC - MANORCREST

DESIGN:		DRAFTING:	AB	CHECK:		CONTRACT No.	
SCALE:	HORIZONTAL 1:300			DRAWING			SHEET No. 6 OF 11
DATE:	2024/03/08						



1	2024/03/08	ISSUED FOR TECHNICAL MEMORANDUM #4	R.A	R.A
No.	DATE	REVISIONS	INITIAL	SIGNED

LEGEND

— TW —

STORM SEWER

— SS —

SANITARY SEWER

○

STORM SEWER MANHOLE

●

SANITARY SEWER MANHOLE

—

CREEK

—

PROPERTY LINE

—

WATER MAIN

—

EXISTING TRAIL

—

PROP. TOB

—

EX. TOB

Toronto Water

NEWTONBROOK CREEK
GEOMORPHIC SYSTEMS MASTER PLAN
City of Toronto

PROPOSED WORKS - PROJECT #7: NBC - FOREST GROVE

DESIGN:	DRAFTING:	AB	CHECK:	CONTRACT No.
SCALE:	HORIZONTAL	1:250	DRAWING	
DATE:	2024/03/08	NUMBER:		

SHEET No.
7 OF 11