ON HWY 59

HAWTREY ROAD

ON HWY 59

ARNOLD SAYEAU DR.

EX. PROPERTY LINE

EX. MUN. #47

EX. MUN. #17

EX. MUN. #10

EX. MUN. #397

EX. MUN. #393

EX. 750ø CONC STM

EX. OUTLET 3
INV=±229.95

APPROX. AREA OF SEDIMENT

AREA OF SEDIMENT = 4,132.7 sq.m
VOLUME OF SEDIMENT = 640.1 cu.m (CUT)

EX. 450ø CONC STM

EX. INLET 1
INV=±229.87

APPROX. AREA OF SEDIMENT

APPROX. ℄ OF LOW FLOW CHANNEL

EX. OUTLET 2
INV=±230.09

EX. 900ø CONC STM

SOURCE:

MATRIX GPS TOPOGRAPHICAL SURVEY – APRIL 6 2023
NORFOLK COUNTY OPEN DATA GIS – NOV. 11 2022
PROCTOR & REDFERN LIMITED AS BUILT DRAWING – NOV 1980

EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT
					DESIGN BY JL	1	***	MMM. DD/YY	MATRIX
					DRAWN BY JL				
					CHECKED BY AS				
					FILE: 34367 – 2154 NORFOLK 2022 SEDEMENT CLEANOUTS.DWG				

CONSULTANT OR DIVISION

MONTROSE ENVIRONMENTAL

ENGINEER'S STAMP

SCALE

SCALE – 1:250
2.5 0 5m

TITLE

JOB TITLE
LOCATION/CLIENT

EXISTING CONDITIONS

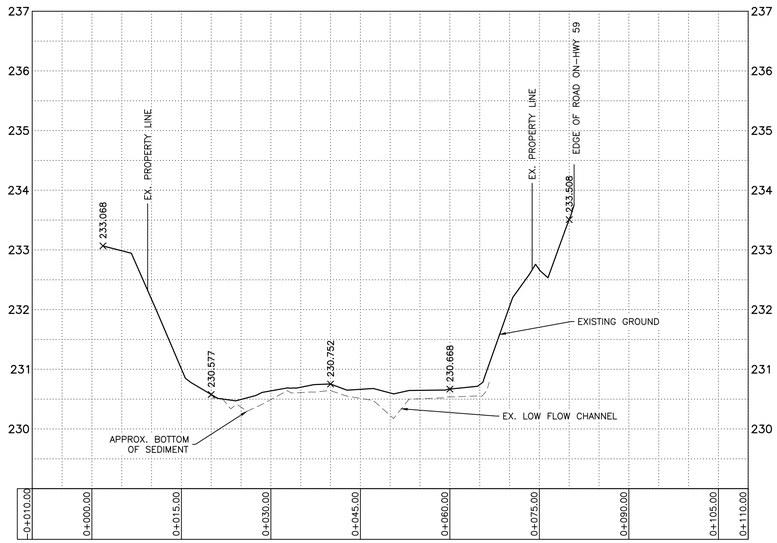
PROJECT No. 2154

SHEET No. EX

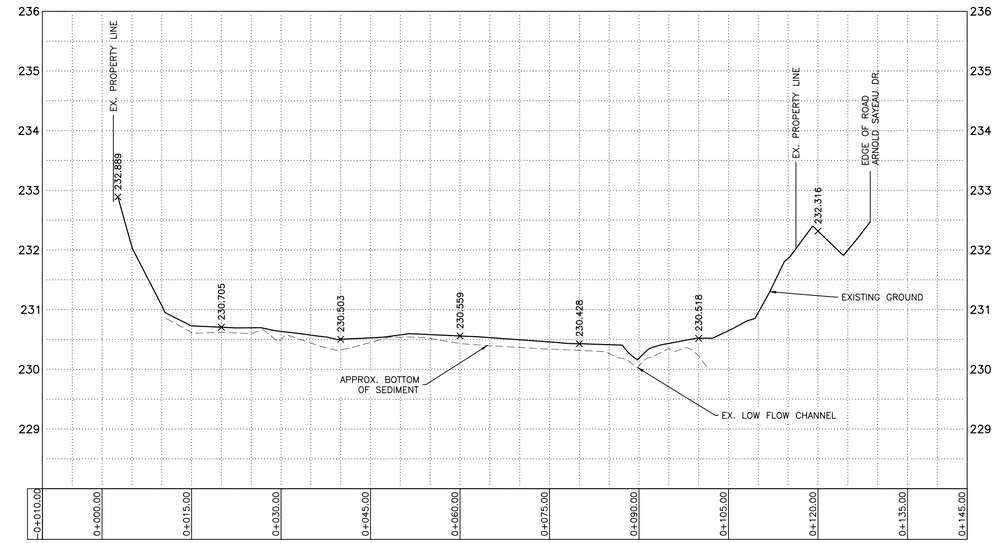
PLAN FILE No.

Ulitong May.27/25–4:05pm 34367 – 2154 Norfolk 2022 Sedement Cleanouts.dwg

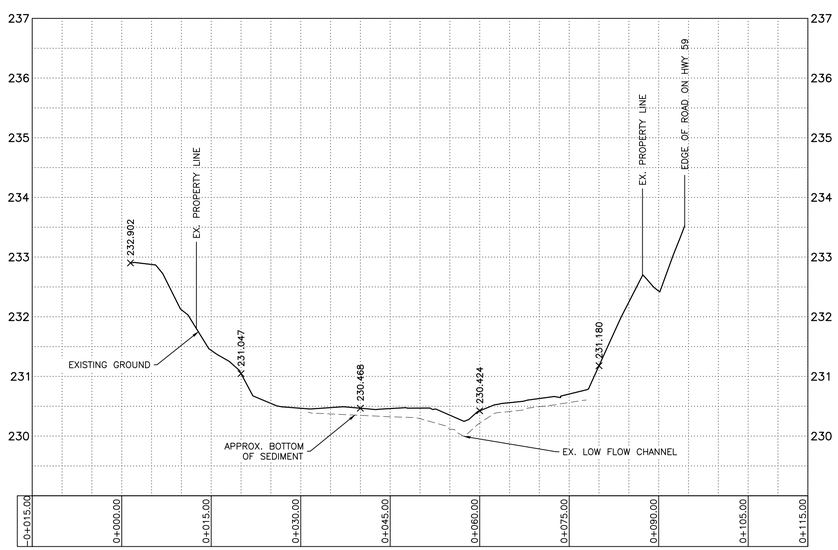
SECTION A–A PROFILE



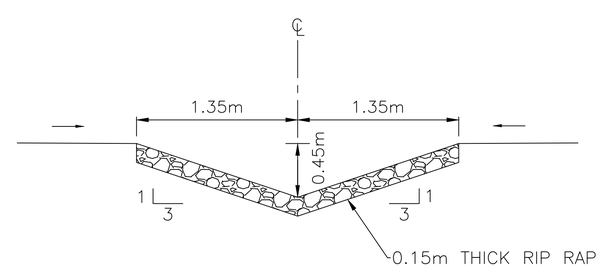
SECTION C–C PROFILE



SECTION B–B PROFILE



TYPICAL CROSS SECTION FOR EXISTING LOW FLOW CHANNEL WITHIN STORM DETENTION POND



SOURCE:

PROCTOR & REDFERN LIMITED AS BUILT DRAWING – DEC 1980

EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT
					DESIGN BY JL	1	***	MMM. DD/YY	MATRIX
					DRAWN BY JL				
					CHECKED BY AS				
					FILE: EX CONDITIONS.DWG				

CONSULTANT OR DIVISION

Matrix Solutions Inc.
ENVIRONMENT & ENGINEERING

ENGINEER'S STAMP

SCALE

TITLE

JOB TITLE
LOCATION/CLIENT

CROSS SECTION PROFILES

PROJECT No. 2154

SHEET No. 2

PLAN FILE No.

jleatherdale Apr-19/23–4:25pm EX CONDITIONS.dwg

ON HWY 59

HAWTREY ROAD

ARNOLD SAYEAU DR.

EX. PROPERTY LINE

EX. MUN. #47

EX. MUN. #17

EX. 750ø CONC STM

EX. INLET 2
INV=±229.95

100mm TO 200mm DIAMETER RIP RAP AT 300mm THICK 5m LENGTH FROM INLET HEADWALL

CHANNEL SLOPE AT 0.3%

APPROX. AREA OF SEDIMENT

100mm TO 200mm DIAMETER RIP RAP AT 300mm THICK AT CHANNEL JUNCTION AND 5m UPSTREAM

BOTTOM ELEVATION AT JUNCTION 230.57

AREA OF SEDIMENT = 4,132.7 sq.m
VOLUME OF SEDIMENT = 640.1 cu.m (CUT)

BOTTOM ELEVATION AT JUNCTION 230.20

100mm TO 200mm DIAMETER RIP RAP AT 300mm THICK AT CHANNEL JUNCTION AND 5m UPSTREAM

BOTTOM ELEVATION AT JUNCTION 230.32

100mm TO 200mm DIAMETER RIP RAP AT 300mm THICK 20m LENGTH FROM OUTLET HEADWALL

BOTTOM ELEVATION AT JUNCTION 230.06

EX. OUTLET 1
INV=±229.87

EX. 450ø CONC STM

A-A

APPROXIMATE SEDIMENT DRYING AREA

APPROX. AREA OF SEDIMENT

APPROXIMATE LOCATION OF SILT FENCE FOR SEDIMENT DRYING AREA (95m)

EX. INLET 1
INV=±230.09

100mm TO 200mm DIAMETER RIP RAP AT 300mm THICK 5m LENGTH FROM INLET HEADWALL

4m WIDE GRANULAR ACCESS PATH

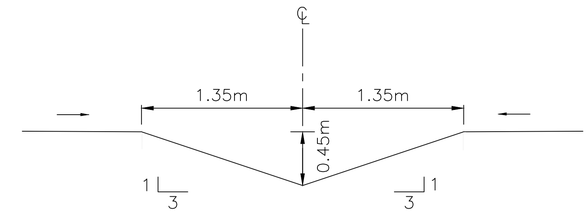
EX. 900ø CONC STM

0+00 0+20 0+40 0+60 0+80 0+87 1+00 1+20 1+35

SOURCE:

MATRIX GPS TOPOGRAPHICAL SURVEY – APRIL 6 2023
NORFOLK COUNTY OPEN DATA GIS – NOV. 11 2022
PROCTOR & REDFERN LIMITED AS BUILT DRAWING – NOV 1980

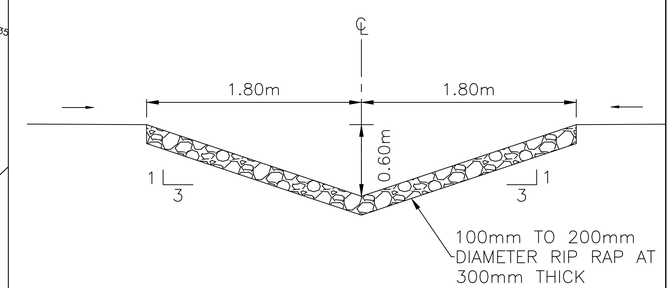
TYPICAL CROSS SECTION FOR LOW FLOW CHANNEL WITHIN STORM DETENTION POND



SOURCE:

PROCTOR & REDFERN LIMITED AS BUILT DRAWING – DEC 1980

LOW FLOW CHANNEL SECTION A–A



EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT
					DESIGN BY JL	1			
					DRAWN BY JL				
					CHECKED BY AS				
					FILE: 34367 – 2154 NORFOLK 2022 SEDEMENT CLEANOUTS.DWG				

CONSULTANT OR DIVISION

MONTROSE ENVIRONMENTAL

ENGINEER'S STAMP

SCALE

SCALE – 1:250
2.5 0 5m

TITLE

JOB TITLE
LOCATION/CLIENT

PROPOSED PLAN

PROJECT No. 2154

SHEET No. PR

PLAN FILE No.

L:\Wong May.27/25–4:09pm 34367 – 2154 Norfolk 2022 Sediment Cleanouts.dwg