

LEITH-BAYSHORE
ROAD
MUNICIPALITY OF
MEAFORD
COUNTY OF GREY



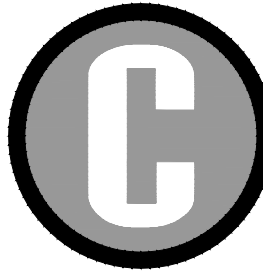
MUNICIPALITY

MUNICIPALITY OF MEAFORD
21 TROWBRIDGE STREET
MEAFORD, ONTARIO, N4L 1N2

DEVELOPER

DON AND DAPHNE McCULLOUGH
53 GEORGIAN MEADOWS DRIVE
COLLINGWOOD, ONTARIO, L9Y 5H4

DEVELOPER'S ENGINEER

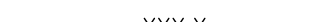


CROZIER
CONSULTING ENGINEERS

ADMIRAL BUILDING
1 FIRST STREET, SUITE 200
COLLINGWOOD, ON, L9Y 1A1
705-446-3510 T
705-446-3520 F
WWW.CFCROZIER.CA
INFO@CFCROZIER.CA

MASTER LEGEND

EXISTING FEATURES (EX.)

XXX.X

EX. CONTOUR

+XXX.XX

EX. GRADE



EX. TREELINE



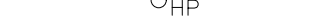
EX. WATERCOURSE



EX. DITCH

OHP

EX. HYDRO POLE



EX. SIGN

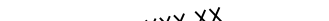


EX. BENCHMARK NUMBER & LOCATION

PROPOSED FEATURES (PR.)



PR. PROPERTY LIMITS

+XXX.XX

PR. ELEVATION

+XXX.XX

PR. ELEVATION (MATCH EX. ELEVATION)

X.X%

PR. SWALE & SLOPE



PR. DITCH DRAINAGE



PR. DITCH INLET CATCHBASIN



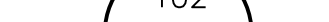
PR. STORM CATCHMENT



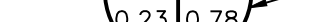
CATCHMENT AREA ID



RUNOFF COEFFICIENT



DRAINAGE AREA (ha)



PR. FENCE



PR. BUILDING ENVELOPE



PR. HEAVY DUTY SILT FENCE



PR. STRAW BALE CHECK FLOW



PR. INFILTRATION TRENCH



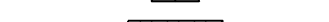
PR. SLOPE (3:1 MAX.)



PR. SEPTIC LOCATION



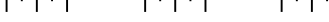
RIP RAP



PROPOSED WELL LOCATION



ENVIRONMENTAL
PROTECTED/HAZARD AREAS



PROPOSED RESIDENCE (325m²)



PROPOSED OVERLAND
FLOW DIRECTION



INTERCEPTOR SWALE



RETAINING WALL



PROPOSED WEST DITCH



PROPOSED EAST DITCH



PROPOSED CENTER LINE



TREE REMOVAL AREA

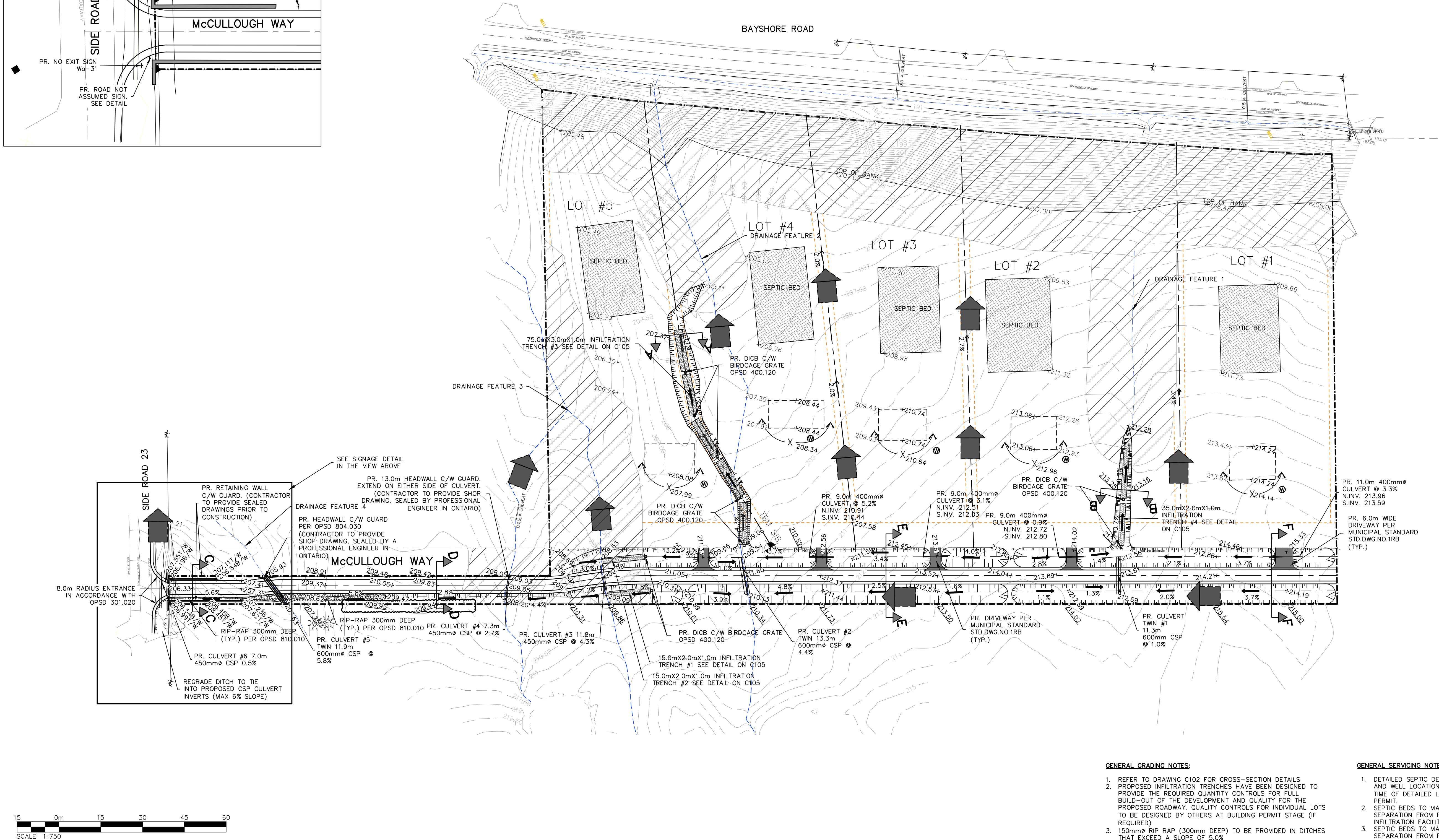
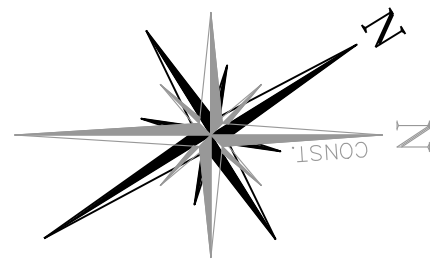
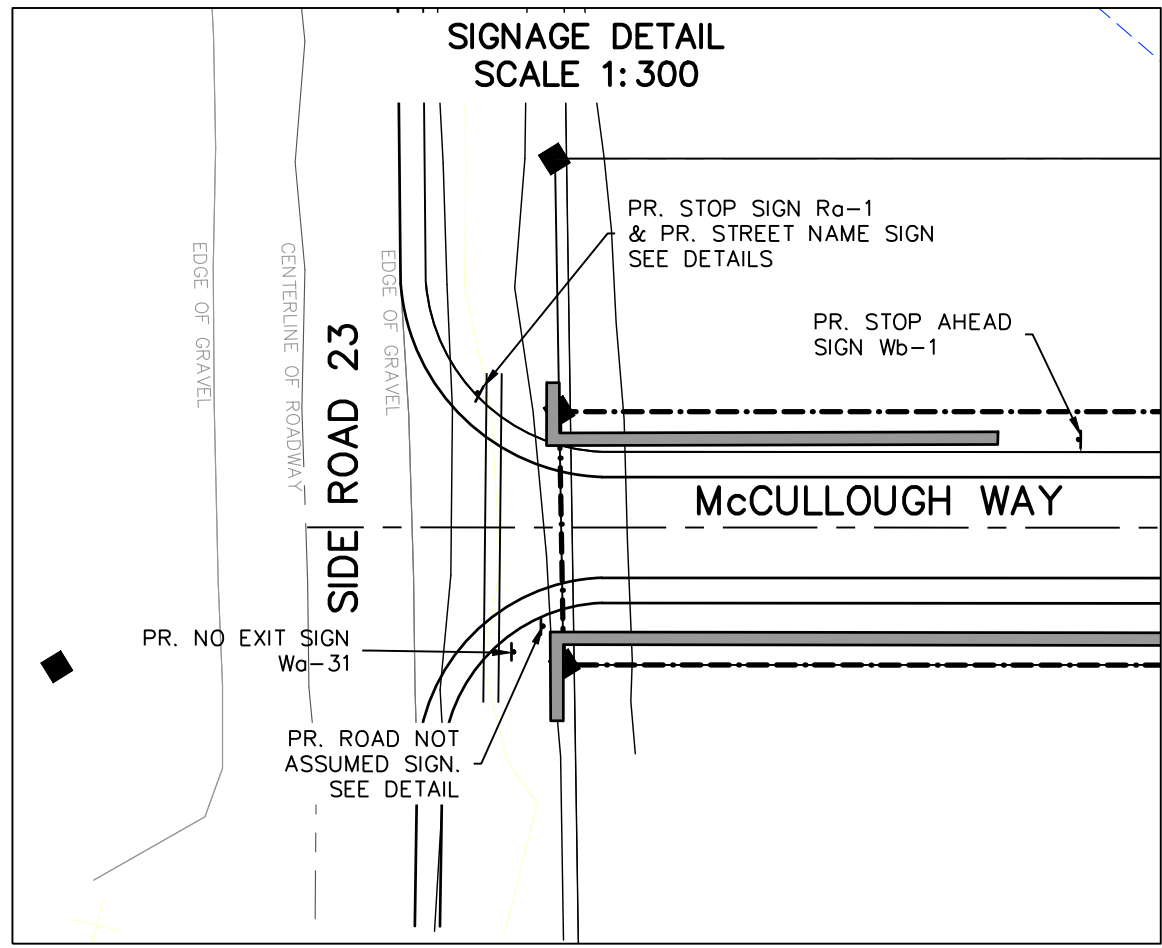
DRAWING

C100
C101
C102
C103A
C103B
C104
C105

TITLE

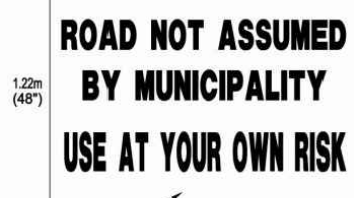
TITLE PAGE
MASTER SERVICING AND GRADING PLAN
CROSS SECTIONS
PLAN & PROFILE (STA. 0+000 – 0+154)
PLAN & PROFILE (STA. 0+154 – 0+440)
EROSION & SEDIMENT CONTROL PLAN
CONSTRUCTION NOTES AND DETAILS

PROJECT No.: 903-3780
SUBMISSION # 2



LEGEND	
	PROPOSED BUILDING ENVELOPE
	PROPOSED WELL LOCATION
	ENVIRONMENTAL PROTECTED/HAZARD AREAS
	INFILTRATION TRENCH
	PROPOSED CONVENTIONAL SEPTIC DISPOSAL AREA (633m²)
	PROPOSED RESIDENCE (325m²)
	PROPOSED SWALE
	EXISTING GRADE
	PROPOSED GRADE
	PROPOSED GRADE (MATCH EXISTING)
	PROPOSED OVERLAND FLOW DIRECTION
	INTERCEPTOR SWALE
	RETAINING WALL
	RIP RAP

SIGN DETAILS



GENERAL GRADING NOTES:

1. REFER TO DRAWING C102 FOR CROSS-SECTION DETAILS.
2. PROPOSED INFILTRATION TRENCHES HAVE BEEN DESIGNED TO PROVIDE THE REQUIRED QUANTITY CONTROLS FOR FULL BUILD-OUT OF THE DEVELOPMENT AND QUALITY FOR THE PROPOSED ROADWAY. QUALITY CONTROLS FOR INDIVIDUAL LOTS TO BE DESIGNED BY OTHERS AT BUILDING PERMIT STAGE (IF REQUIRED).
3. 150mm ϕ RIP RAP (300mm DEEP) TO BE PROVIDED IN DITCHES THAT EXCEED A SLOPE OF 5.0%.

GENERAL SERVICING NOTES:

1. DETAILED SEPTIC DESIGN AND LOCATION, AND WELL LOCATION TO BE CONFIRMED AT TIME OF DETAILED LOT DESIGN/BUILDING PERMIT.
2. SEPTIC BEDS TO MAINTAIN MINIMUM 15m SEPARATION FROM PROPOSED WELLS AND INFILTRATION FACILITIES.
3. SEPTIC BEDS TO MAINTAIN MINIMUM 3m SEPARATION FROM PROPERTY LINES.

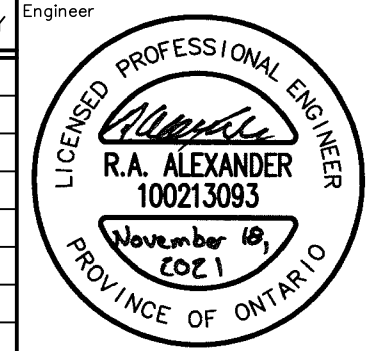
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TEMPORARY BENCHMARKS

TBM#1 - SQUARE IRON BAR (SIB), ELEVATION = 210.299
SURVEY COMPLETED BY VAN HARTEN ON JANUARY 29TH 2019

Town

No.	ISSUE	DATE: MM/DD/YYYY
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Project

LEITH-BAYSHORE ROAD
MUNICIPALITY OF MEAFORD

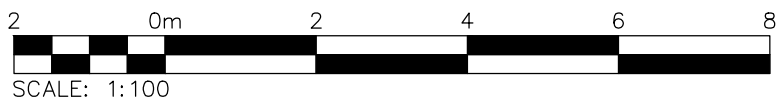
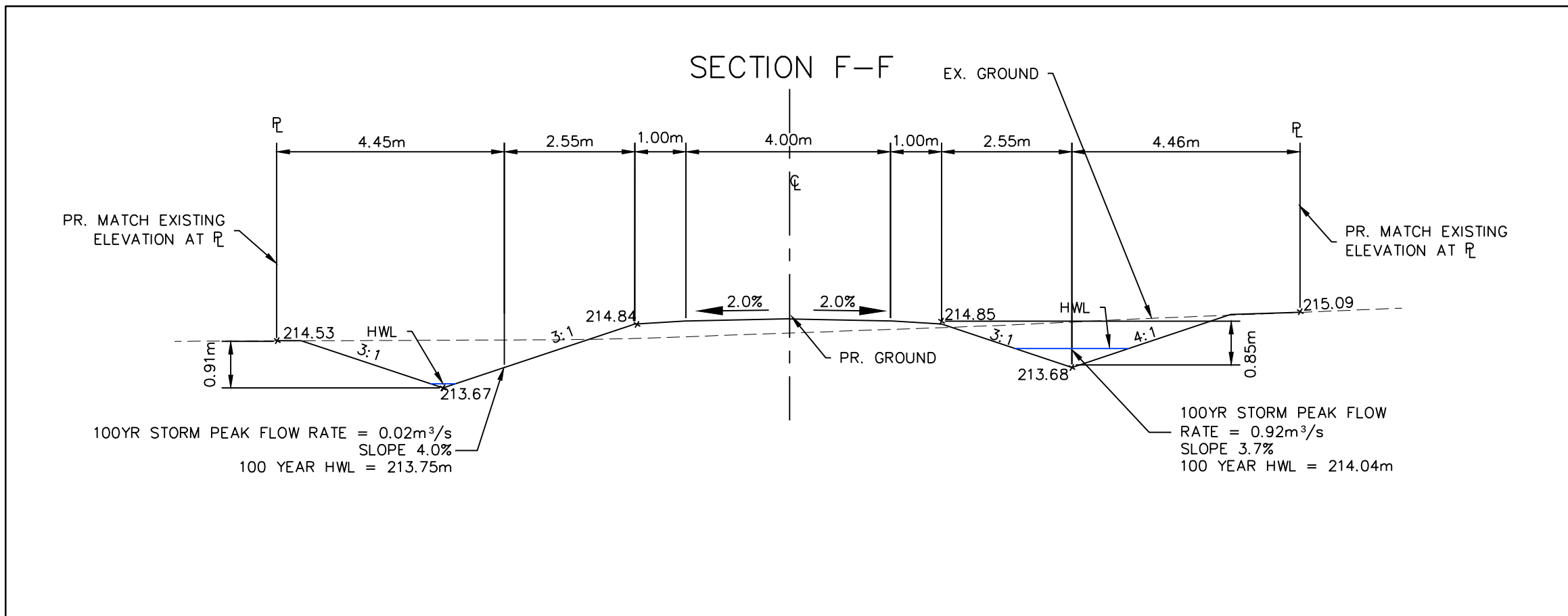
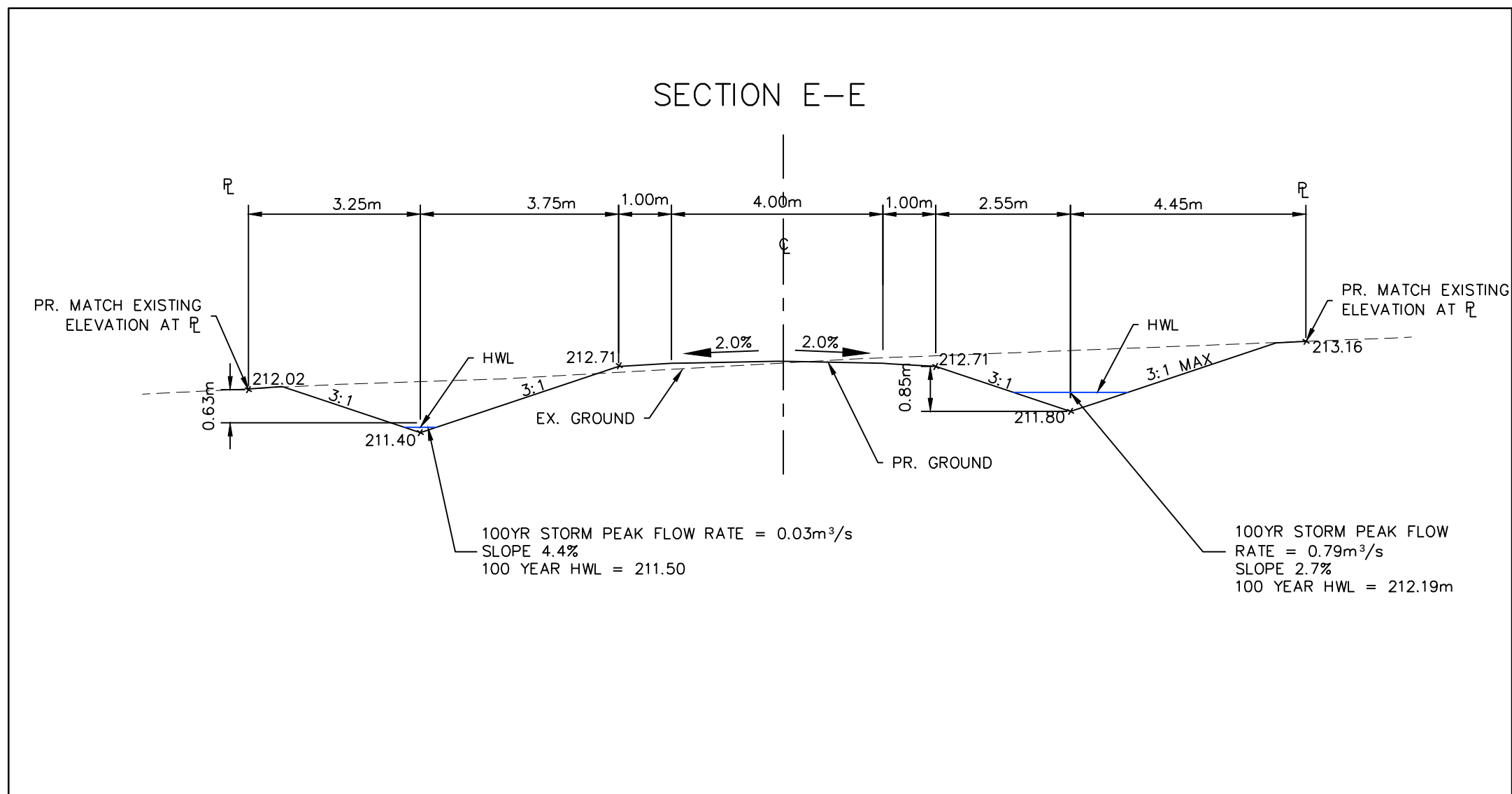
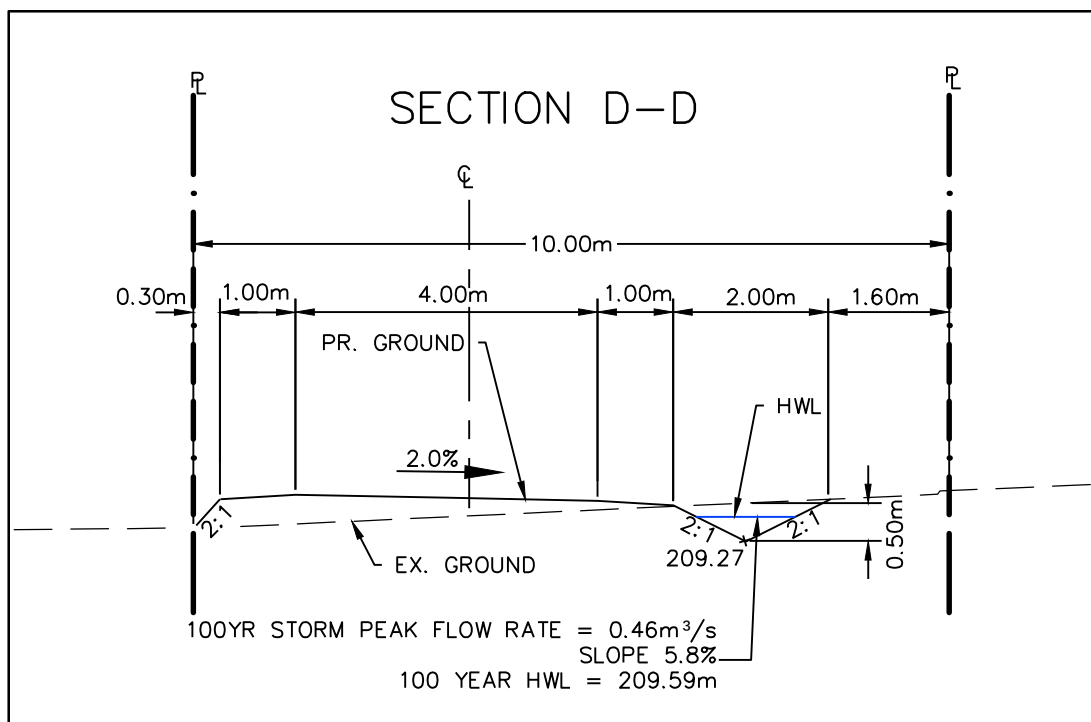
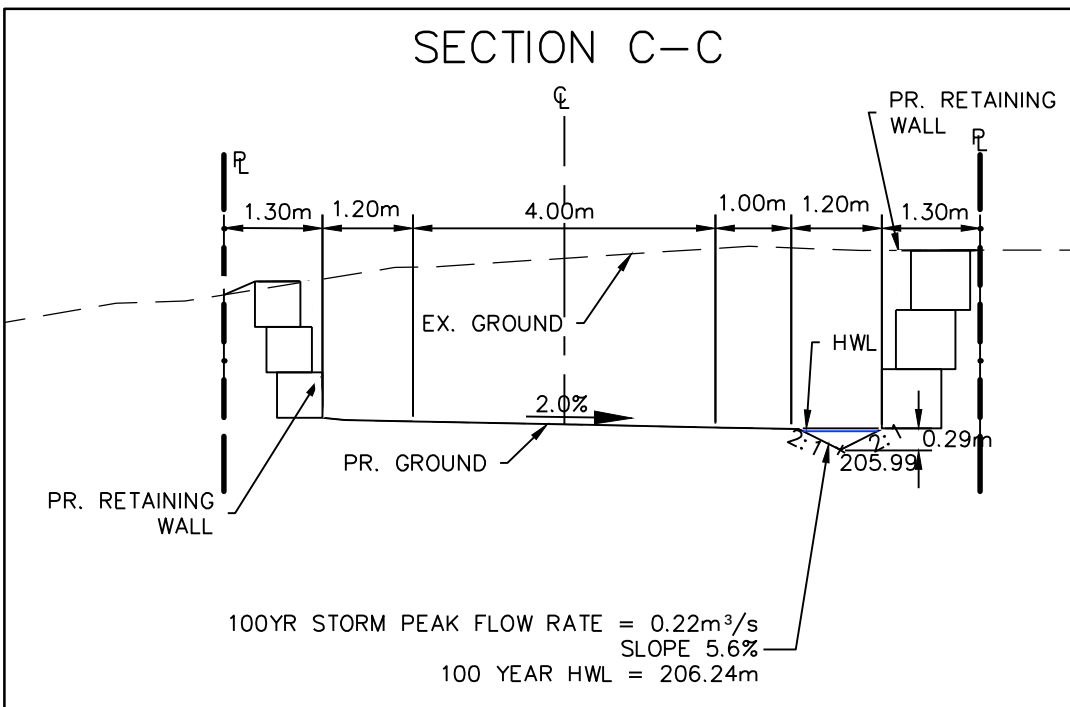
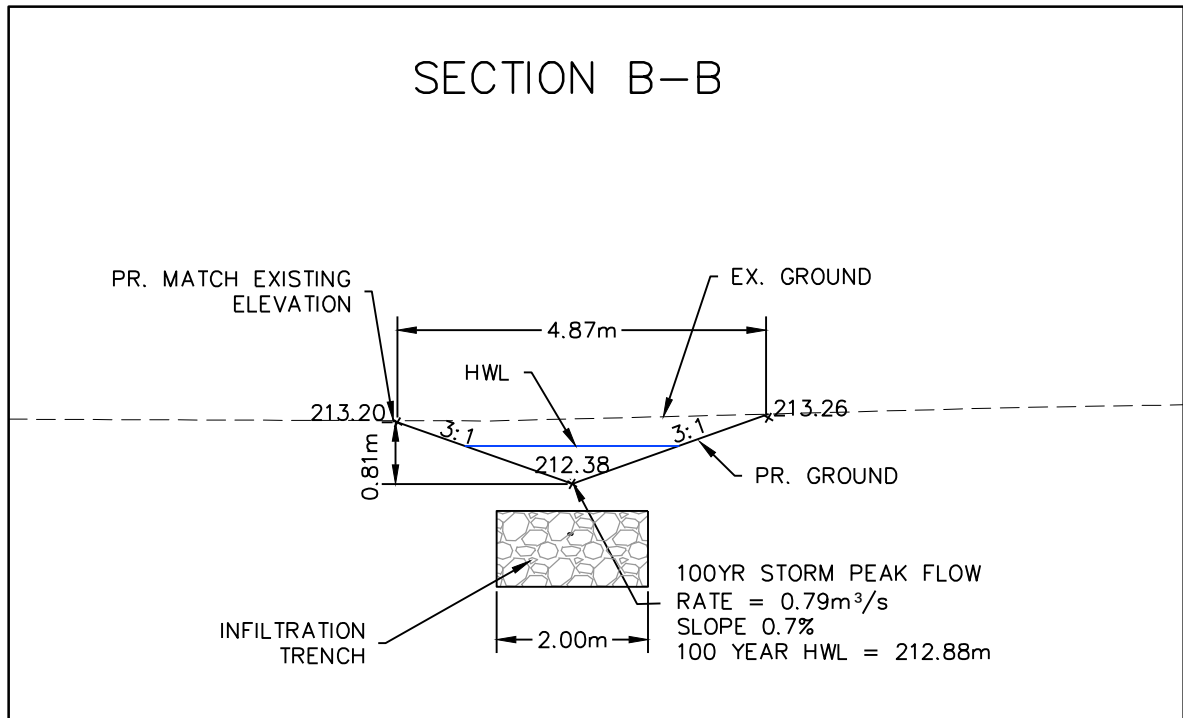
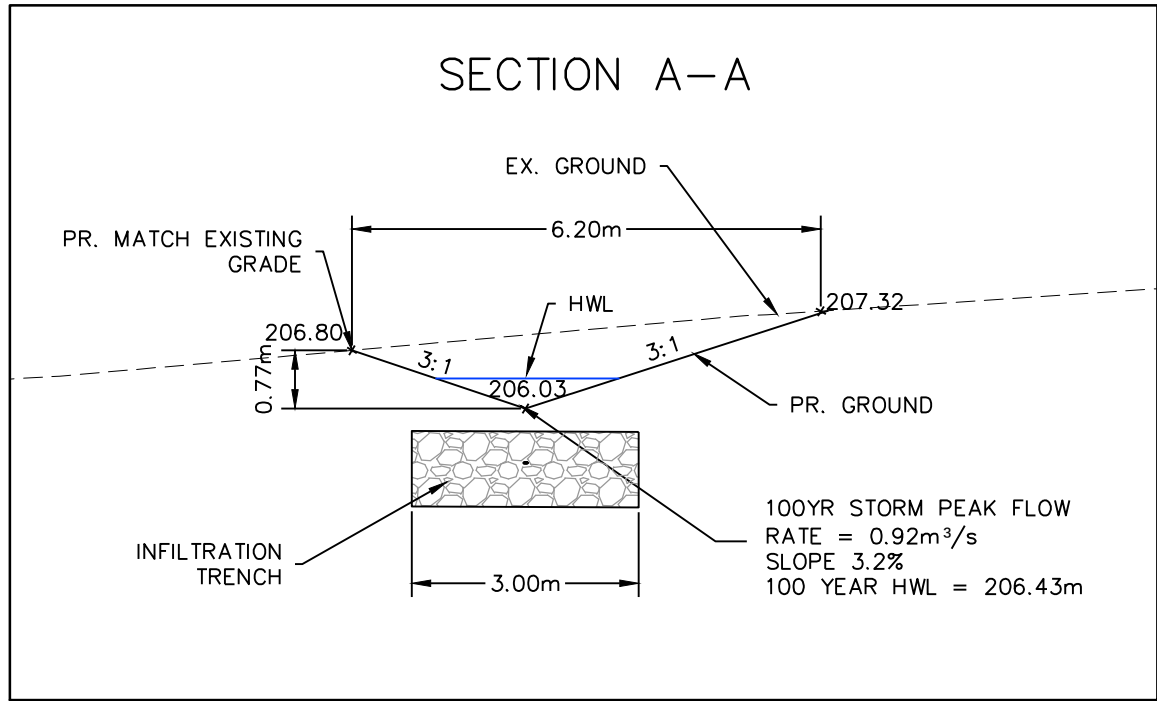
Drawing

MASTER SERVICING & GRADING PLAN



ADMIRAL BUILDING
1 FIRST STREET, SUITE 200
COLLINGWOOD, ON, L9Y 1A1
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Drawn By	N.L.	Design By	N.L./G.C.	Project	903-3780
Check By	G.C.	Check By	R.A.	Scale	1:750
				Drawing	C101

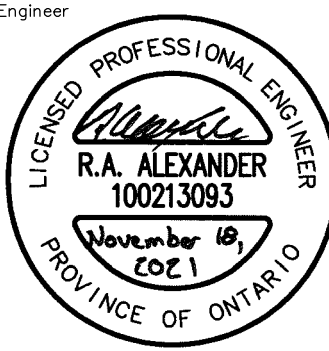


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LEITH-BAYSHORE ROAD
MUNICIPALITY OF MEAFORD

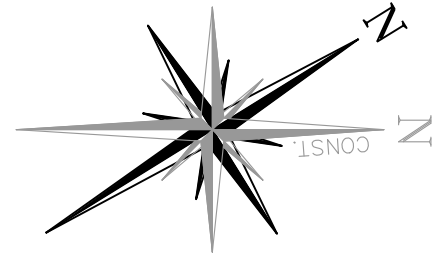
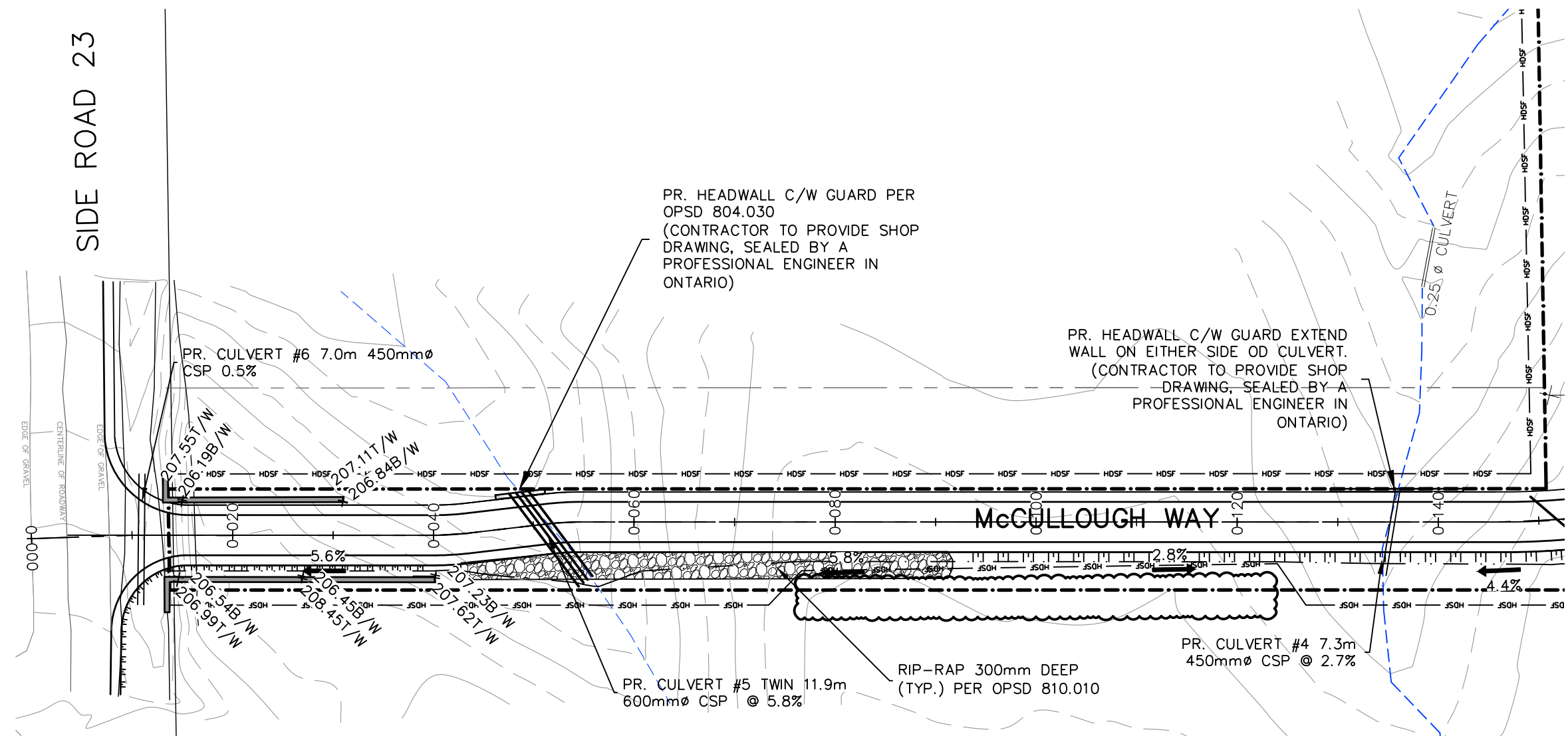
Drawing

CROSS SECTIONS

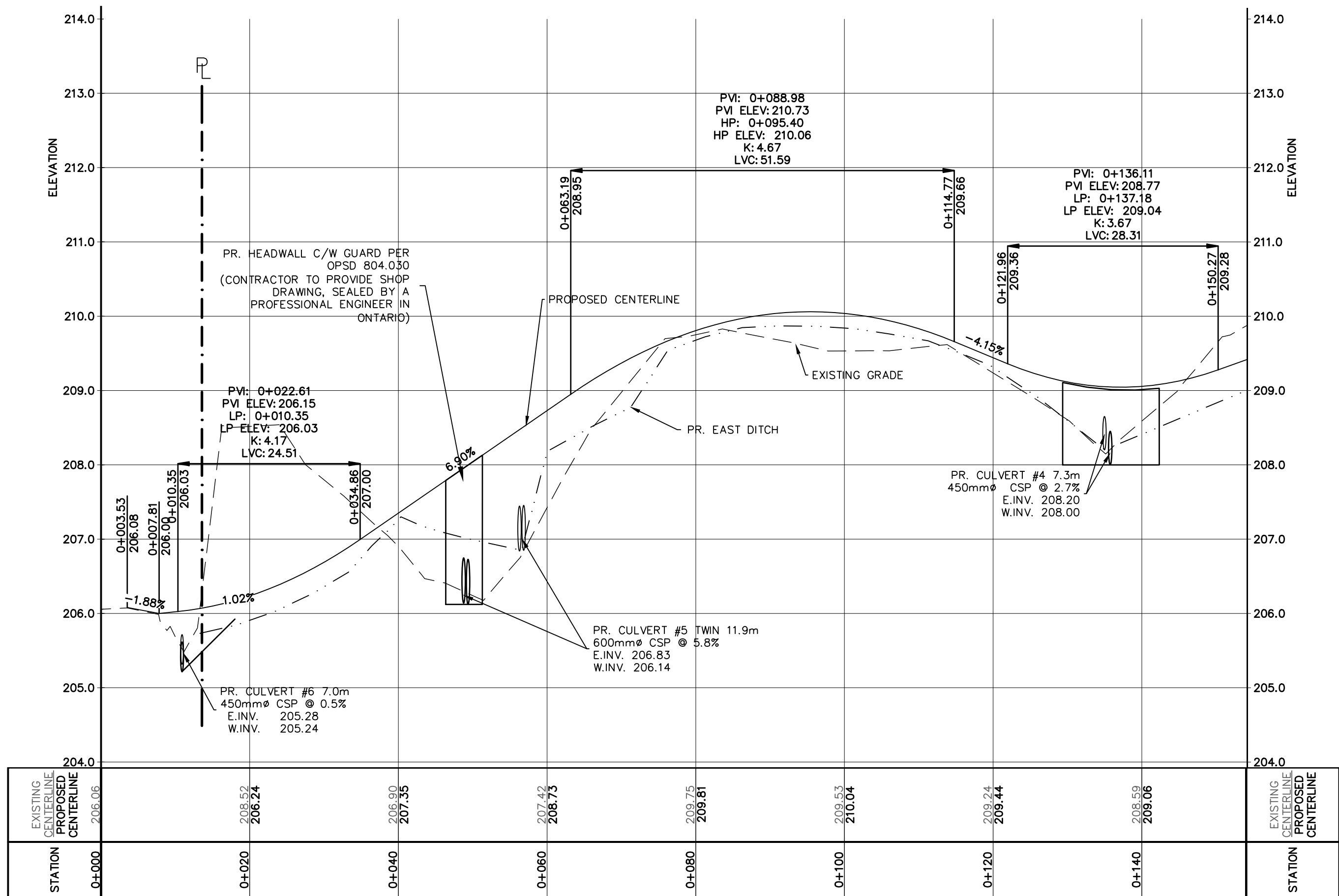


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info@cfcrozier.ca

Drawn By	N.L.	Design By	N.L./G.C.	Project	903-3780
Check By	G.C.	Check By	R.A.	Scale	1:100
				Drawing	C102



LEGEND	
	PROPOSED WEST DITCH
	PROPOSED EAST DITCH
	PROPOSED CENTER LINE
	TOP SLOPE
	EXISTING GRADE
	PROPOSED DRIPLINE
	PROPERTY BOUNDARY
	PR. HEAVY DUTY SILT FENCE
	PR. SLOPE & DIRECTION
	PR. RIP-RAP

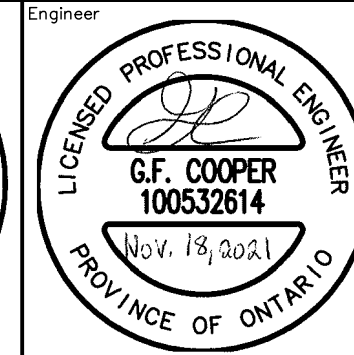
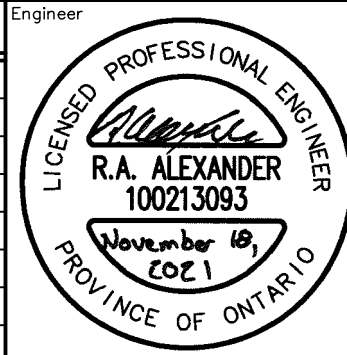


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TBM#1 - SQUARE IRON BAR (SIB), ELEVATION = 210.299
SURVEY COMPLETED BY VAN HARTEN ON JANUARY 29TH 2019

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Project: **LEITH-BAYSHORE ROAD MUNICIPALITY OF MEAFORD**

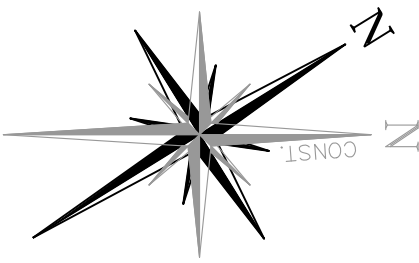
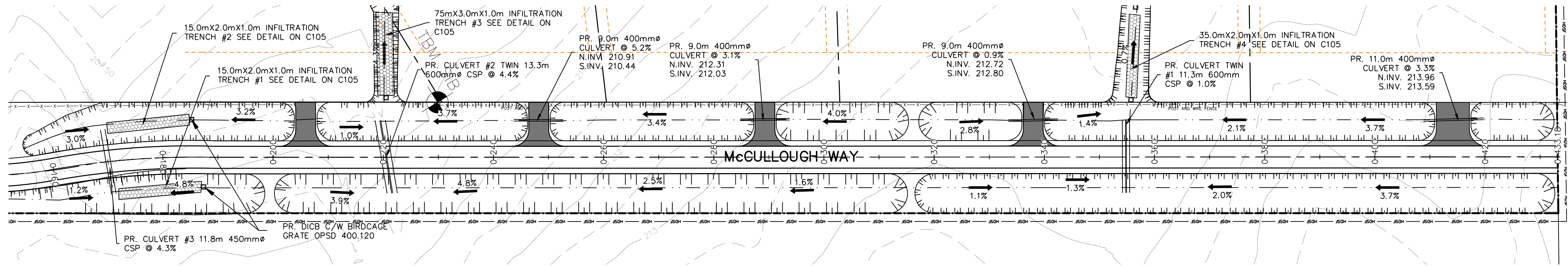
Drawing: **PLAN & PROFILE (STA. 0+000 TO 0+154)**

CROZIER
CONSULTING ENGINEERS

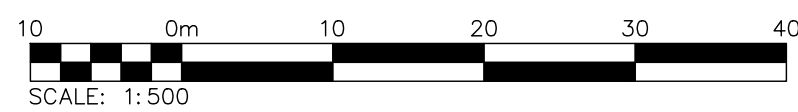
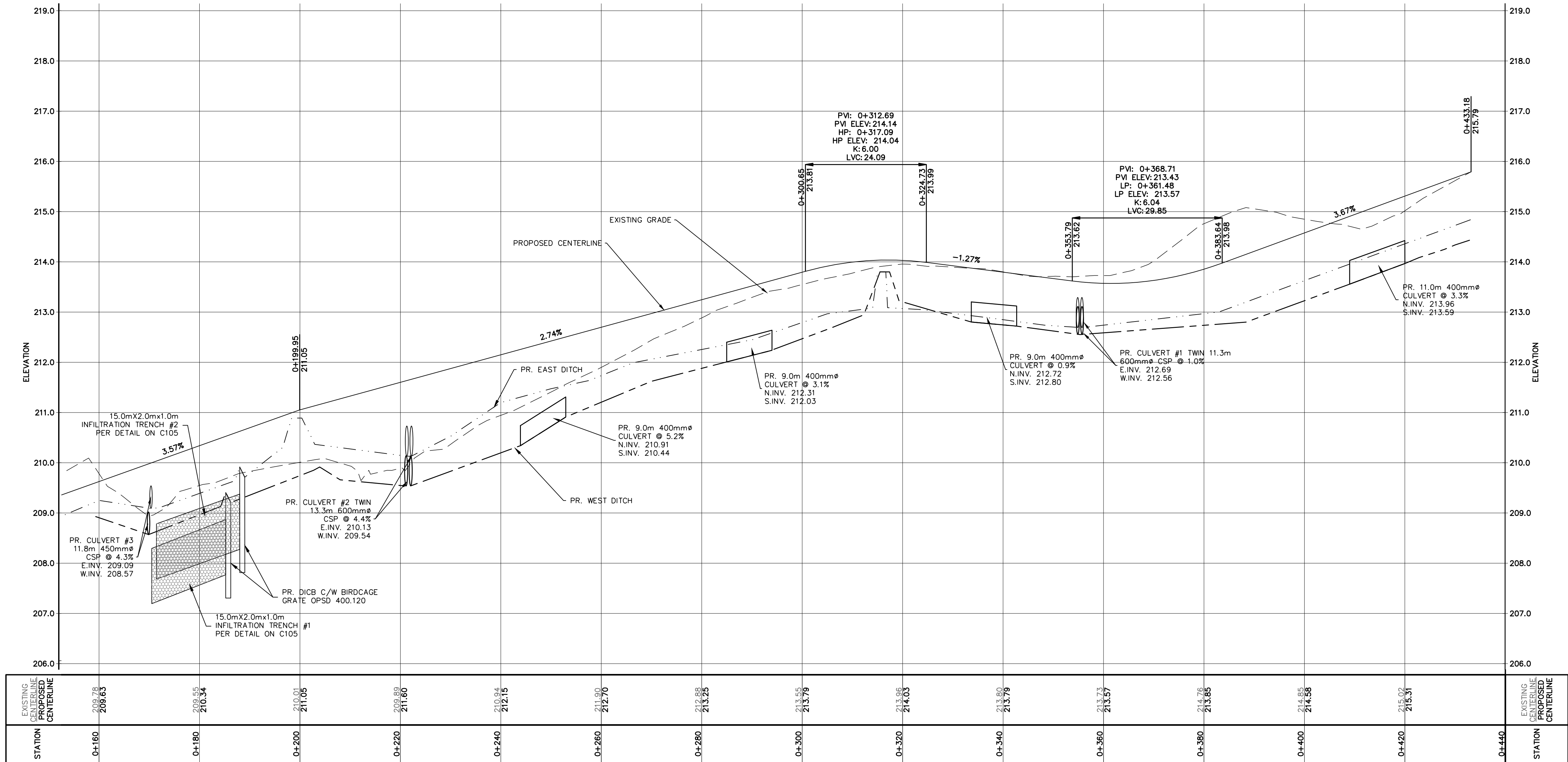
ADMIRAL BUILDING
1 FIRST STREET, SUITE 200
COLLINGWOOD, ON, L9Y 1A1
705-446-3510 T
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Drawn By: N.L. Design By: N.L./G.C. Project: **903-3780**

Check By: G.C. Scale: 1:500 Drawing: **C103 A**



LEGEND	
	PROPOSED WEST DITCH
	PROPOSED EAST DITCH
	PROPOSED CENTER LINE
	TOP SLOPE
	EXISTING GRADE
	PROPOSED DRIPLINE
	PROPERTY BOUNDARY
	PR. HEAVY DUTY SILT FENCE
	PR. SLOPE & DIRECTION



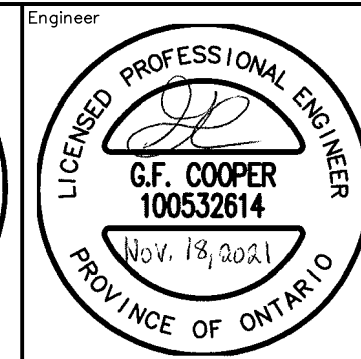
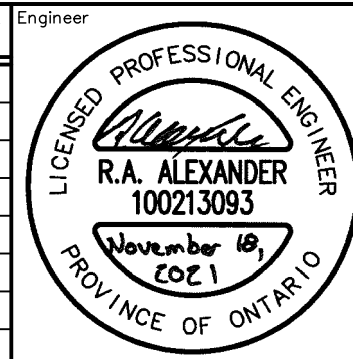
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TEMPORARY BENCHMARKS

BM#1 - SQUARE IRON BAR (SIB), ELEVATION = 210.299
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Project

LEITH-BAYSHORE ROAD
MUNICIPALITY OF MEAFORD

Drawing

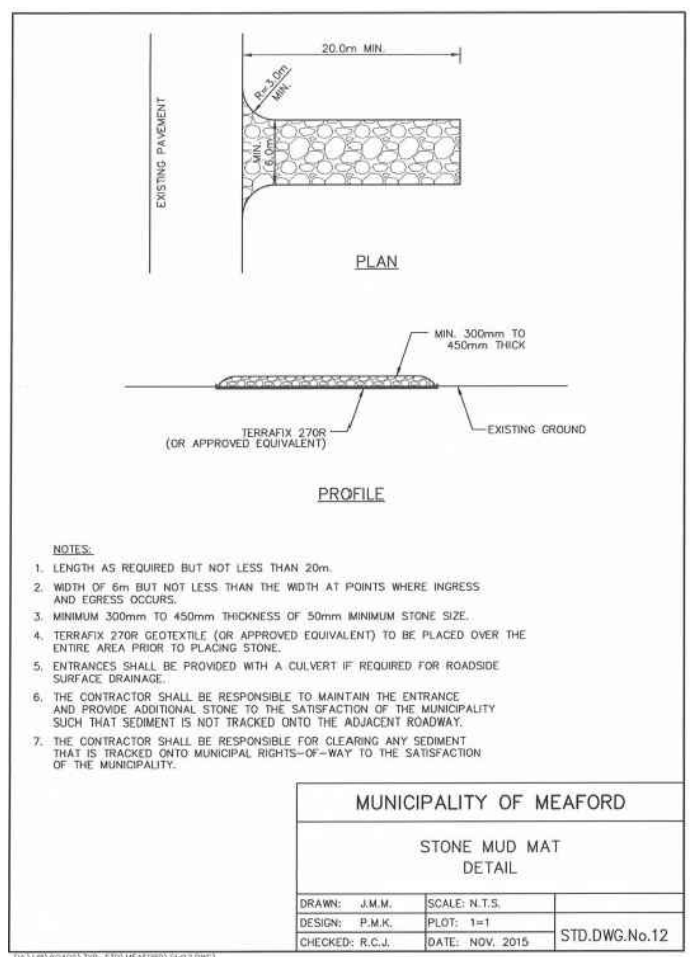
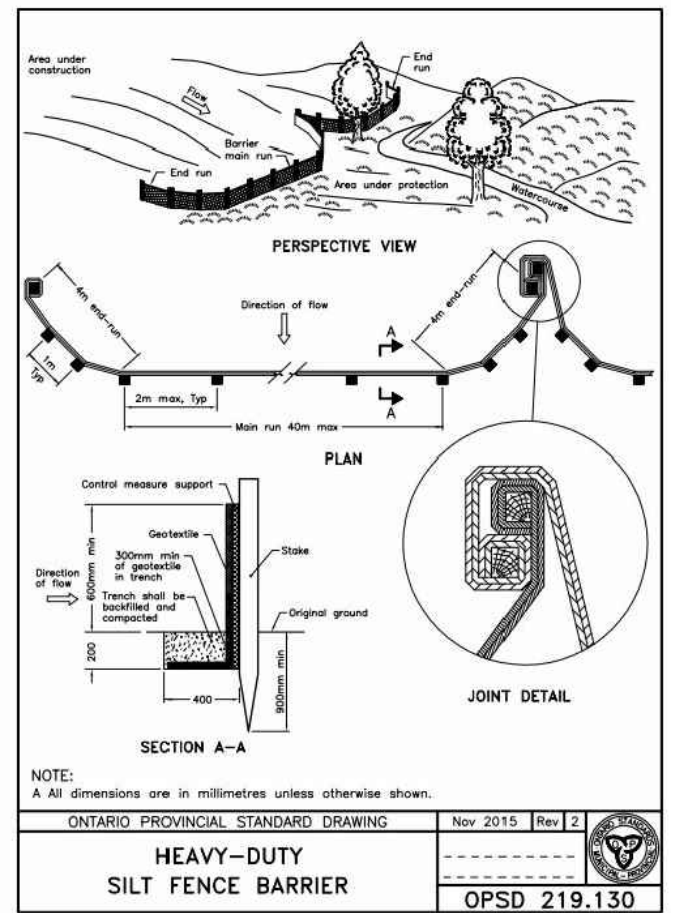
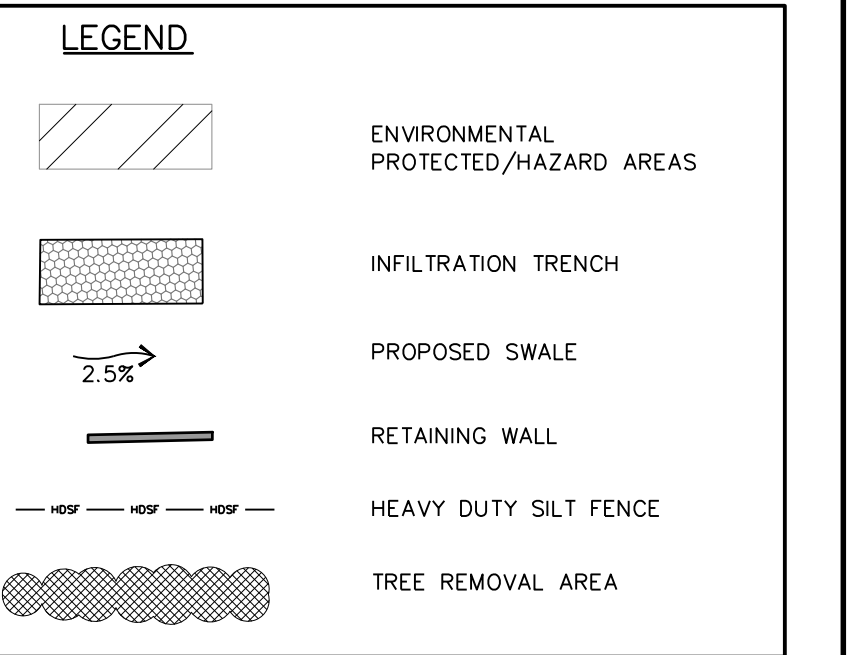
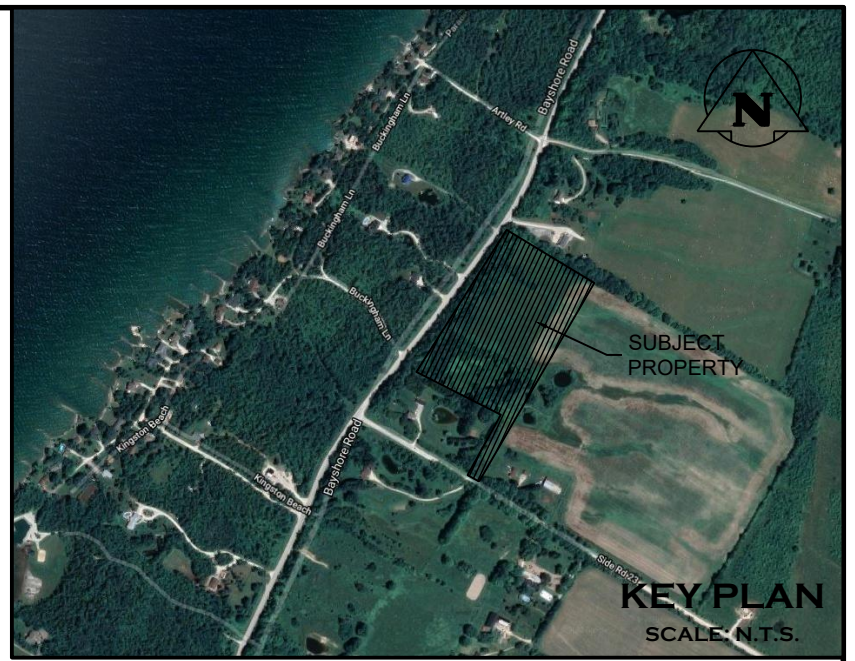
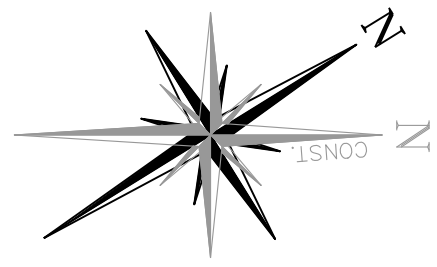
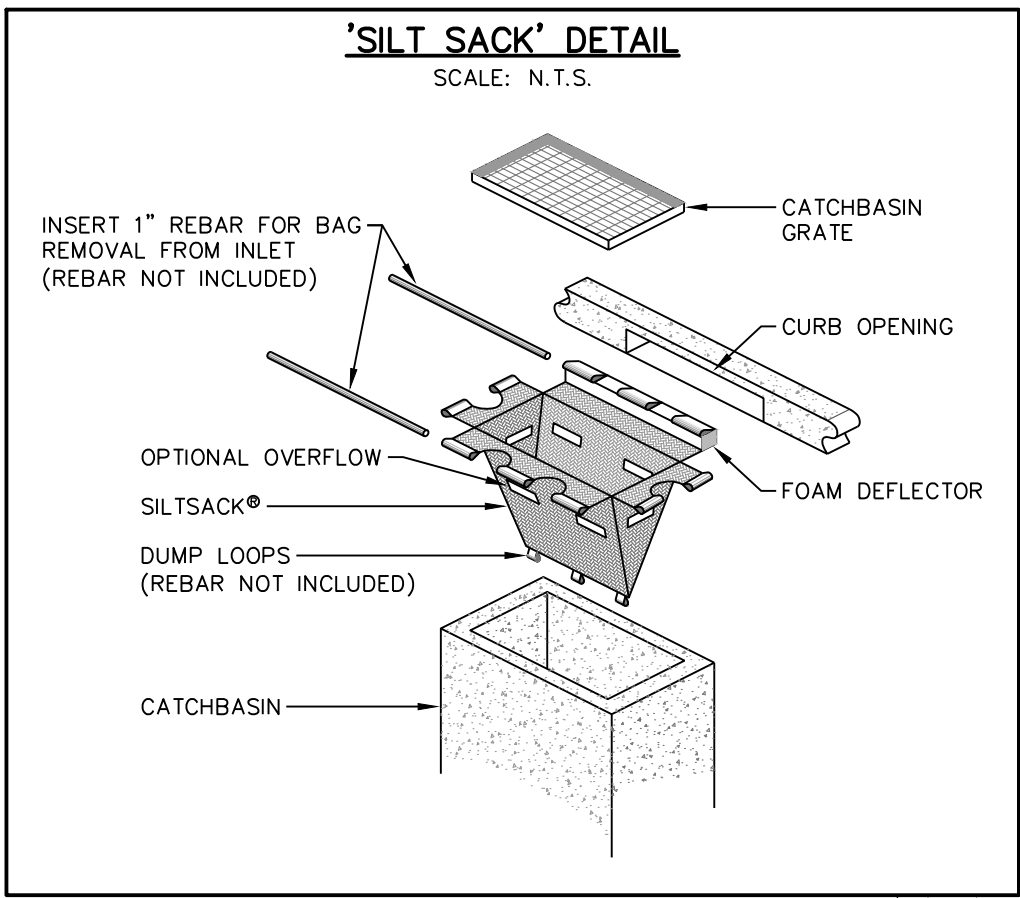
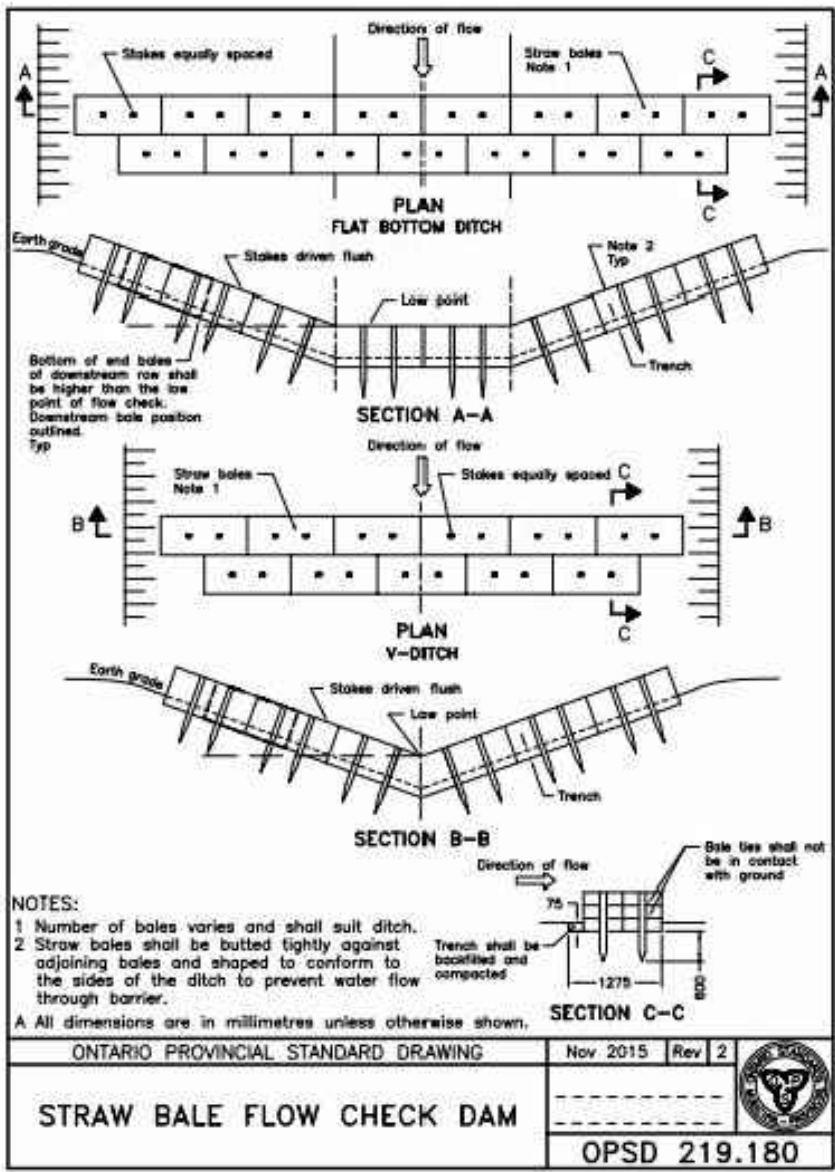
PLAN & PROFILE (STA. 0+154 TO 0+440)

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ADMIRAL BUILDING
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Drawn By: N.L. Design By: N.L./G.C. Project: **903-3780**

Check By: G.C. Check By: R.A. Scale: 1:500 Drawing: **C103 B**

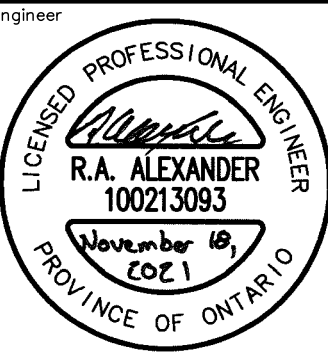


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Project

Drawing

LEITH-BAYSHORE ROAD
MUNICIPALITY OF MEAFORD

EROSION & SEDIMENT CONTROL PLAN



Drawn By: N.L. Design By: N.L./G.C. Project: 903-3780
Check By: G.C. Check By: R.A. Scale: 1:750 Drawing: C104

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