

LEITH-BAYSHORE
ROAD

MUNICIPALITY OF
MEAFORD
COUNTY OF GREY



MASTER LEGEND	
EXISTING FEATURES (EX.)	
	EX. CONTOUR
	EX. GRADE
	EX. TREELINE
	EX. WATERCOURSE
	EX. DITCH
	EX. HYDRO POLE
	EX. SIGN
	EX. BENCHMARK NUMBER & LOCATION
PROPOSED FEATURES (PR.)	
	PR. PROPERTY LIMITS
	PR. ELEVATION
	PR. ELEVATION (MATCH EX. ELEVATION)
	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	TITLE
C100	TITLE PAGE
C101	MASTER SERVICING AND GRADING PLAN
C102A	CROSS SECTIONS
C102B	CROSS SECTIONS & PROFILES FOR SAND FILTERS
C103A	PLAN & PROFILE (STA. 0+000 – 0+154)
C103B	PLAN & PROFILE (STA. 0+154 – 0+440)
C104	EROSION & SEDIMENT CONTROL PLAN
C105	CONSTRUCTION NOTES AND DETAILS

MUNICIPALITY

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

DEVELOPER

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

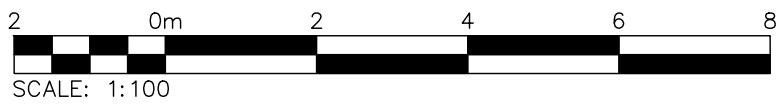
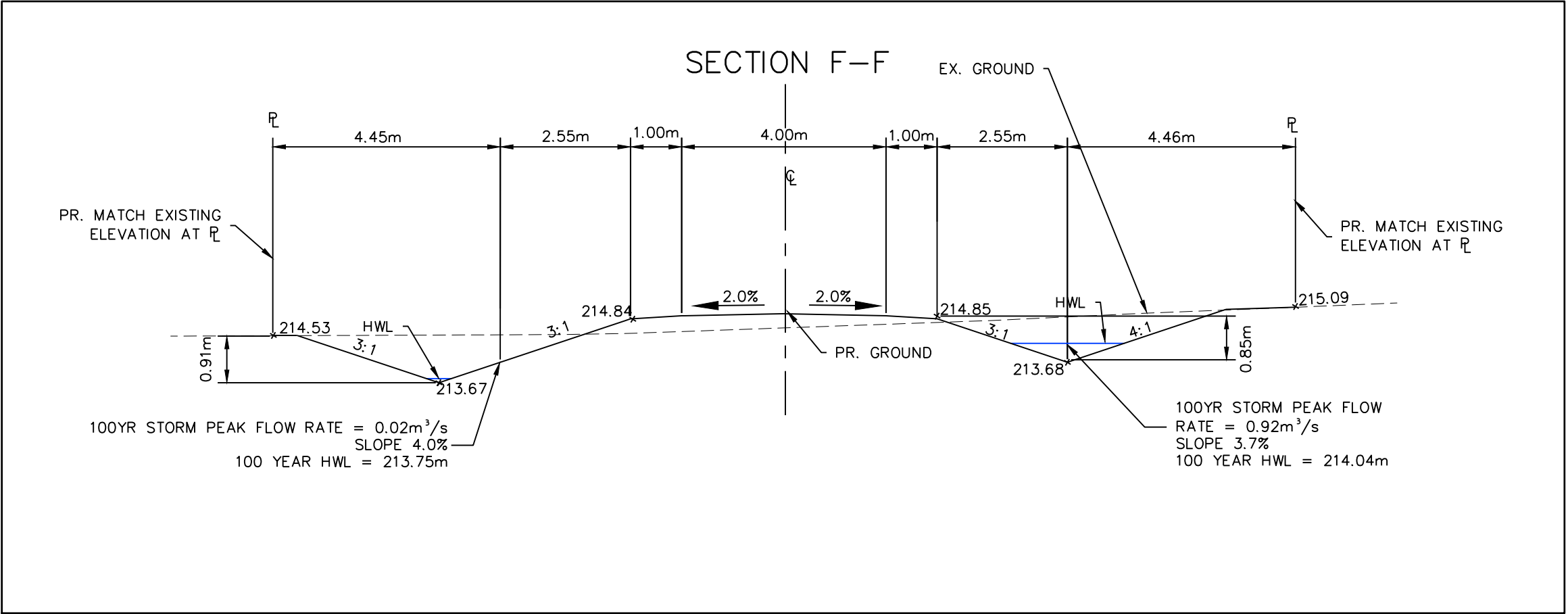
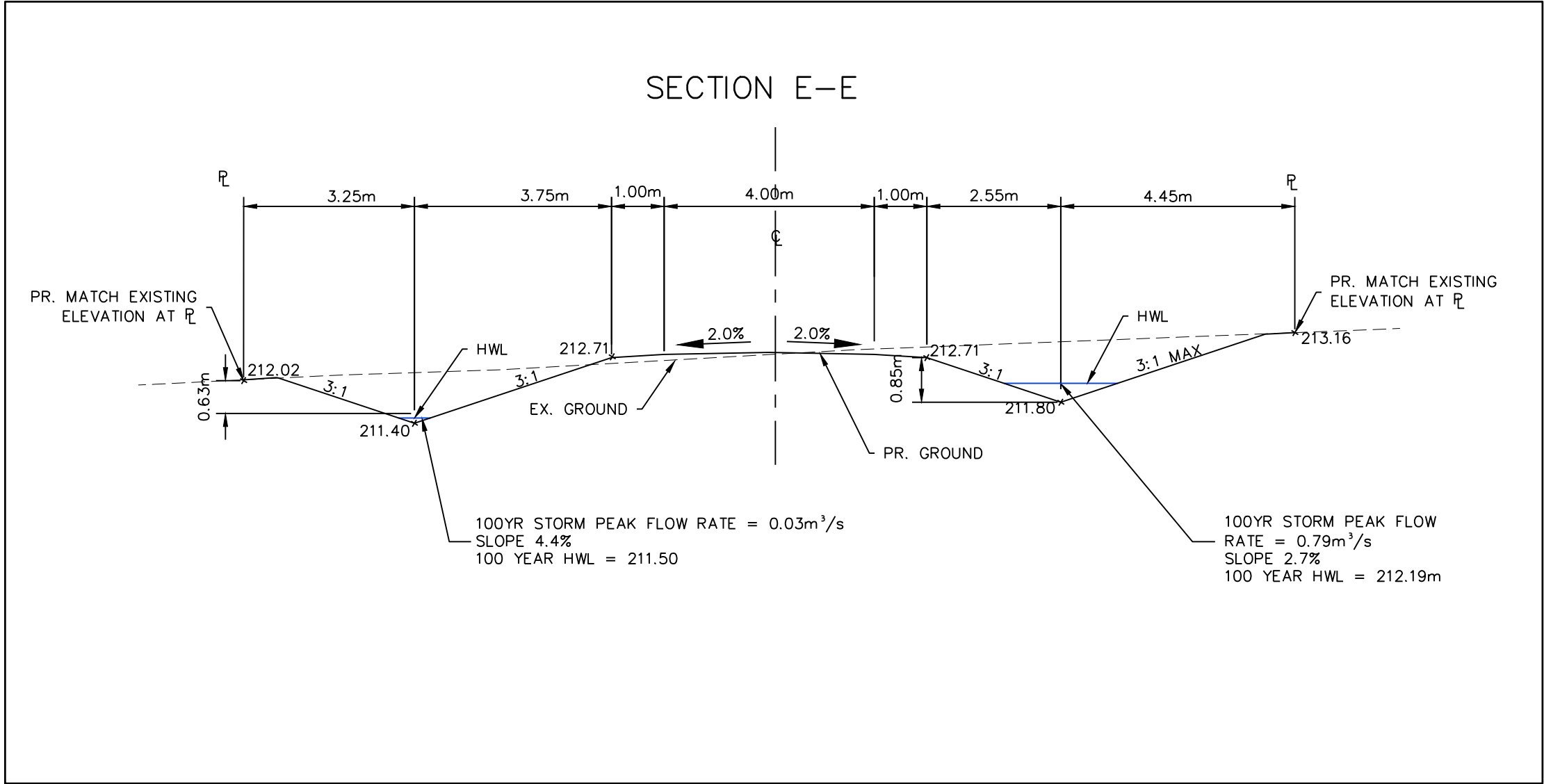
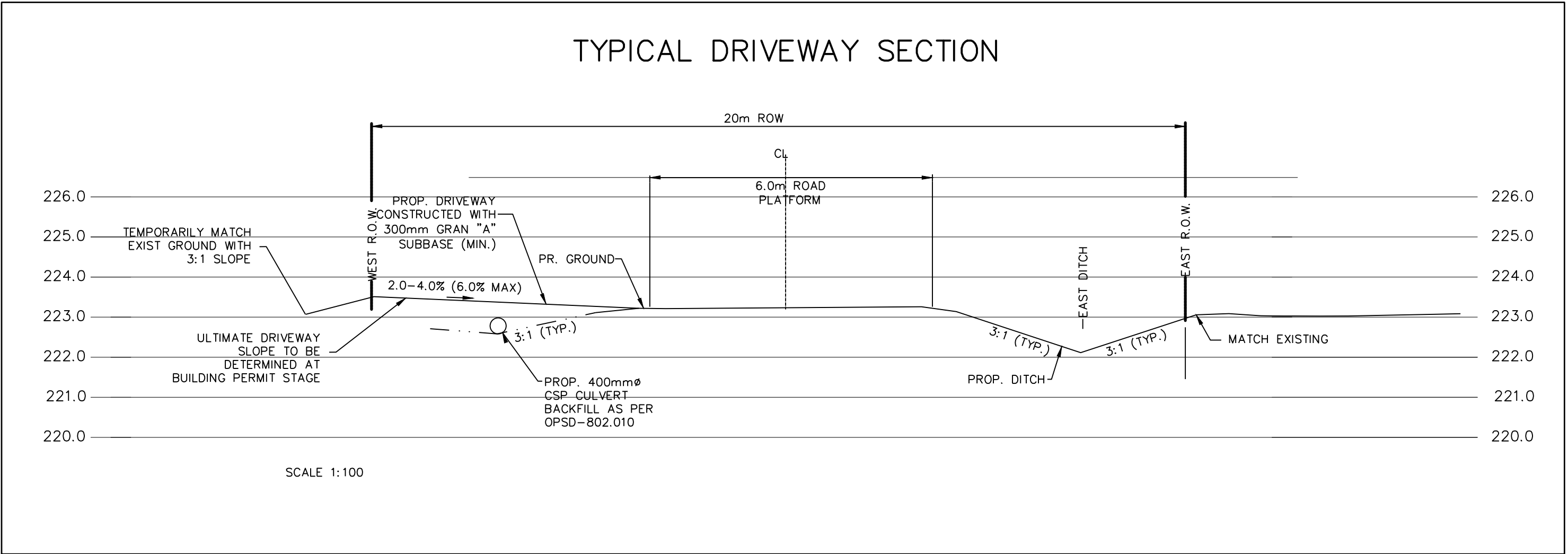
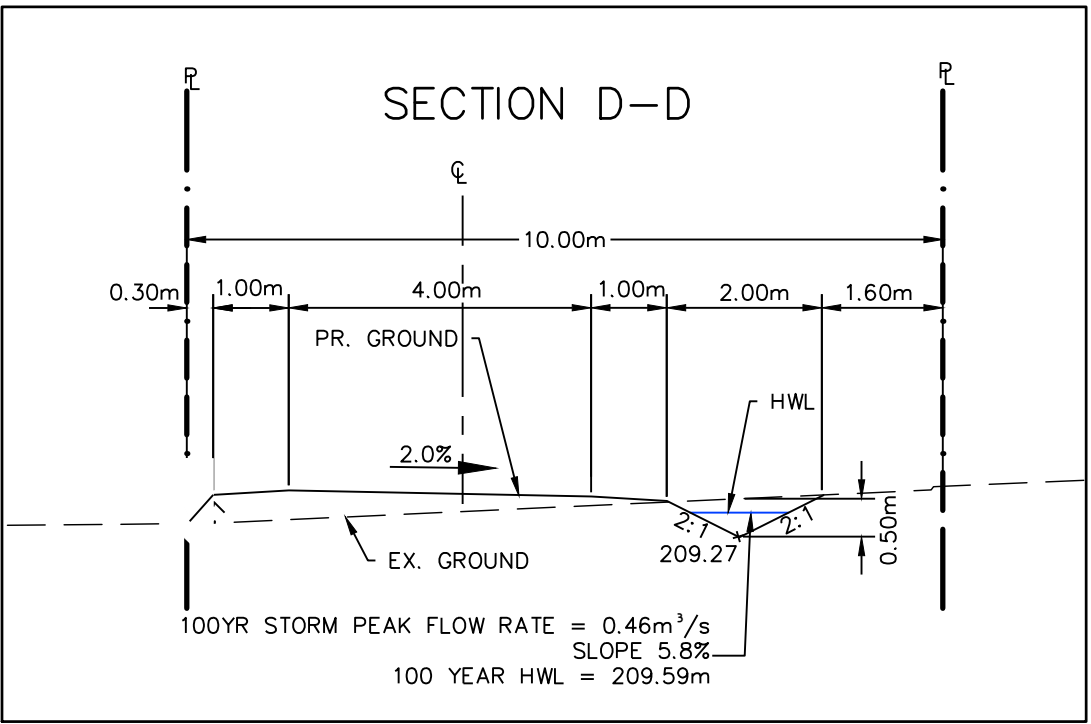
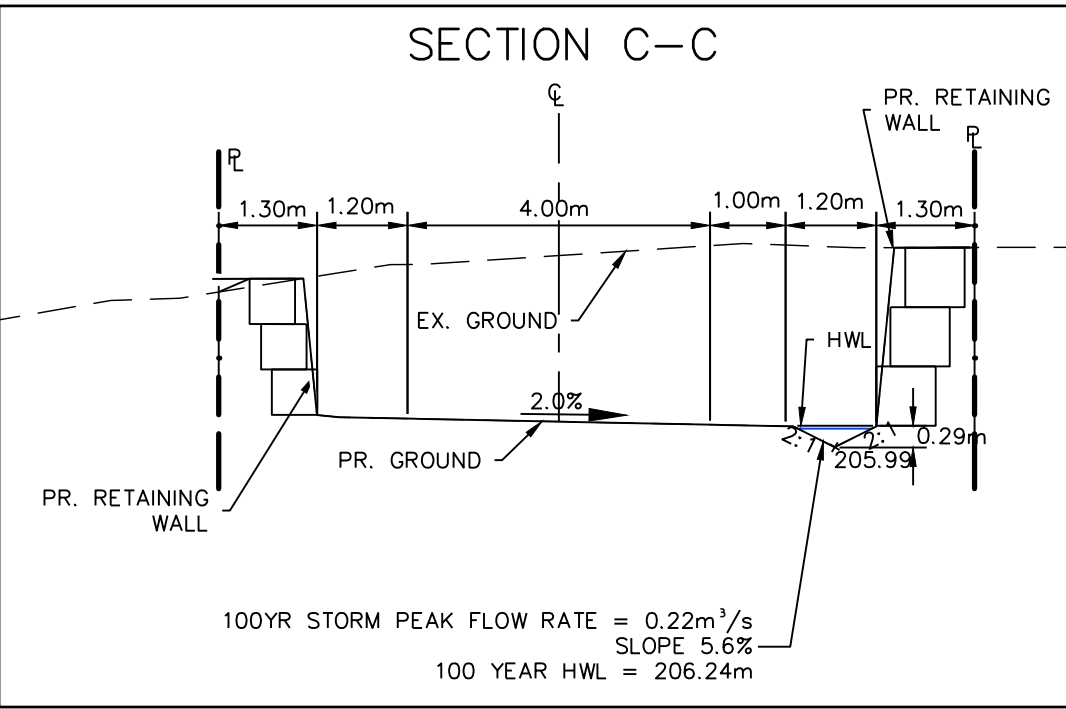
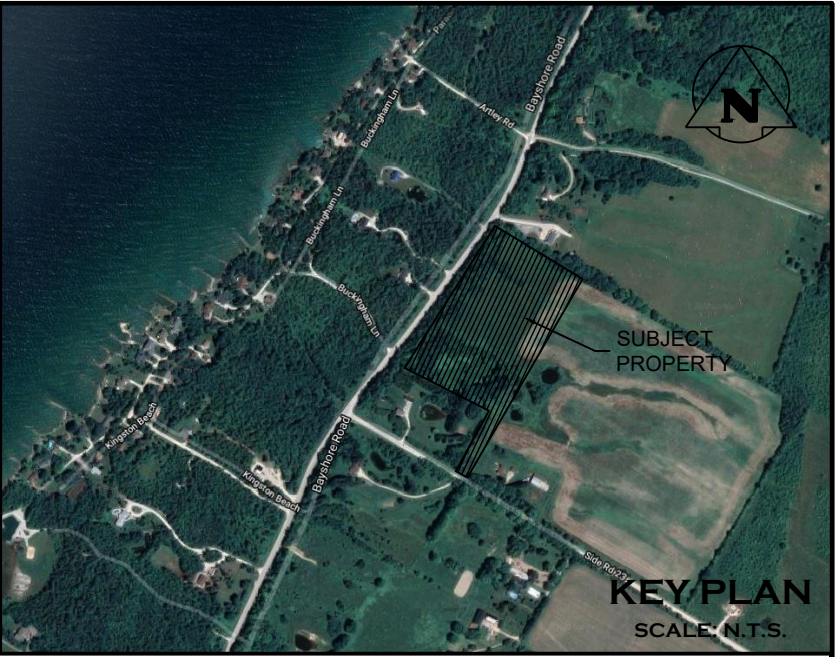
DEVELOPER’S ENGINEER

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

PROJECT No.: 903-3780
ISSUED FOR 3RD SUBMISSION

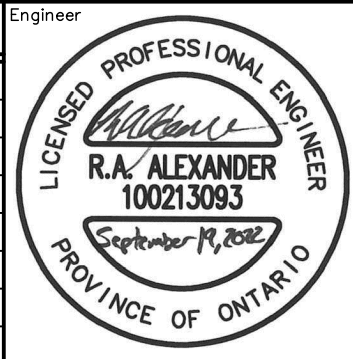


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TEMPORARY BENCHMARKS
TBM#1 - SQUARE IRON BAR (SIB), ELEVATION = 210.299
SURVEY COMPLETED BY VAN HARTEN ON JANUARY 29TH 2019

Town

No.	ISSUE	DATE: MM/DD/YYYY
0	ISSUED FOR CLIENT REVIEW	07/28/2020
1	RE-ISSUED FOR CLIENT REVIEW	08/18/2021
2	ISSUED FOR SECOND SUBMISSION	11/18/2021
3	ISSUED FOR THIRD SUBMISSION	09/19/2022



Project

LEITH-BAYSHORE ROAD
MUNICIPALITY OF MEAFORD

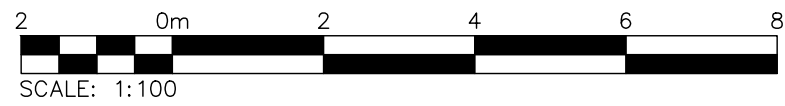
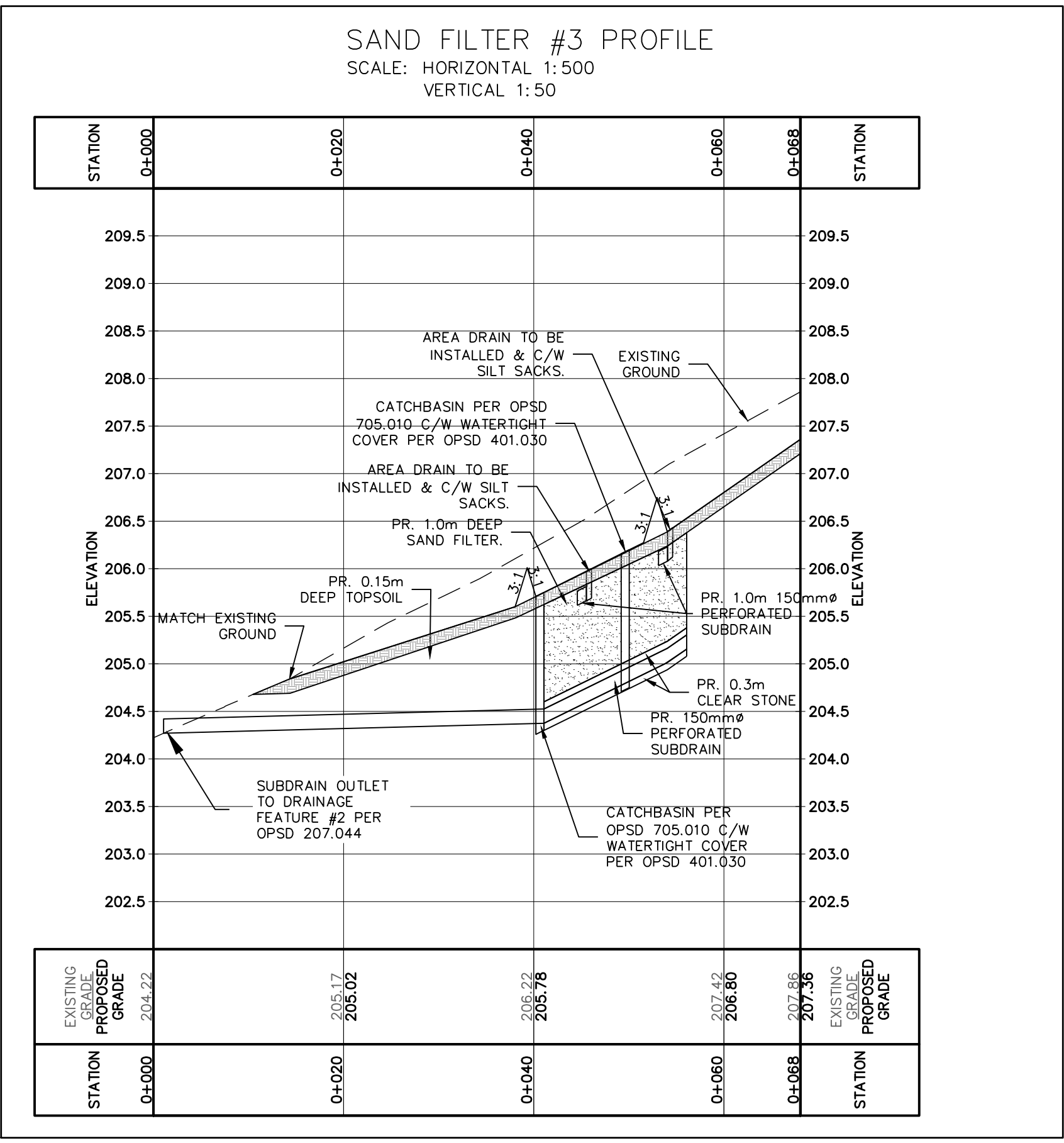
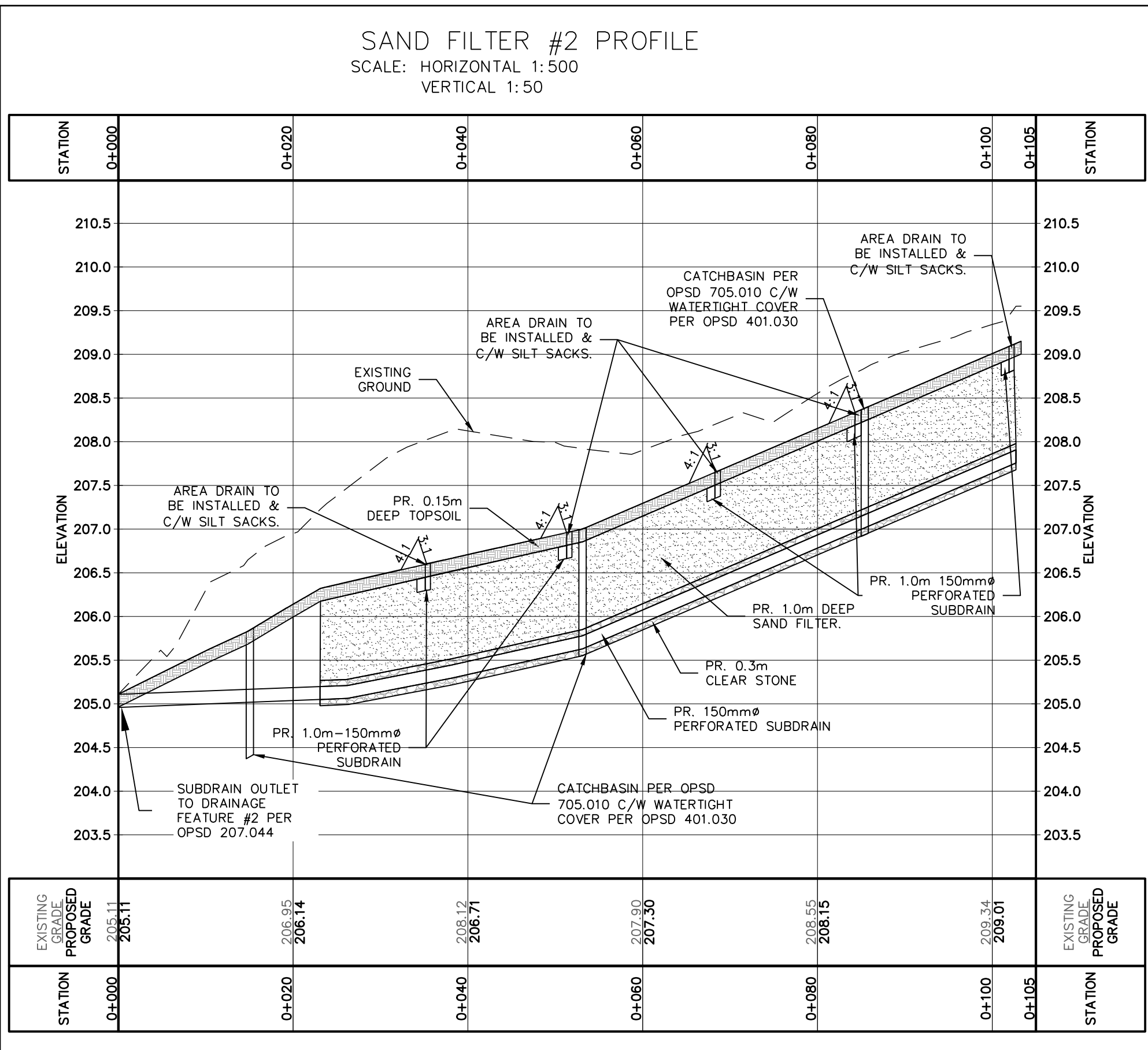
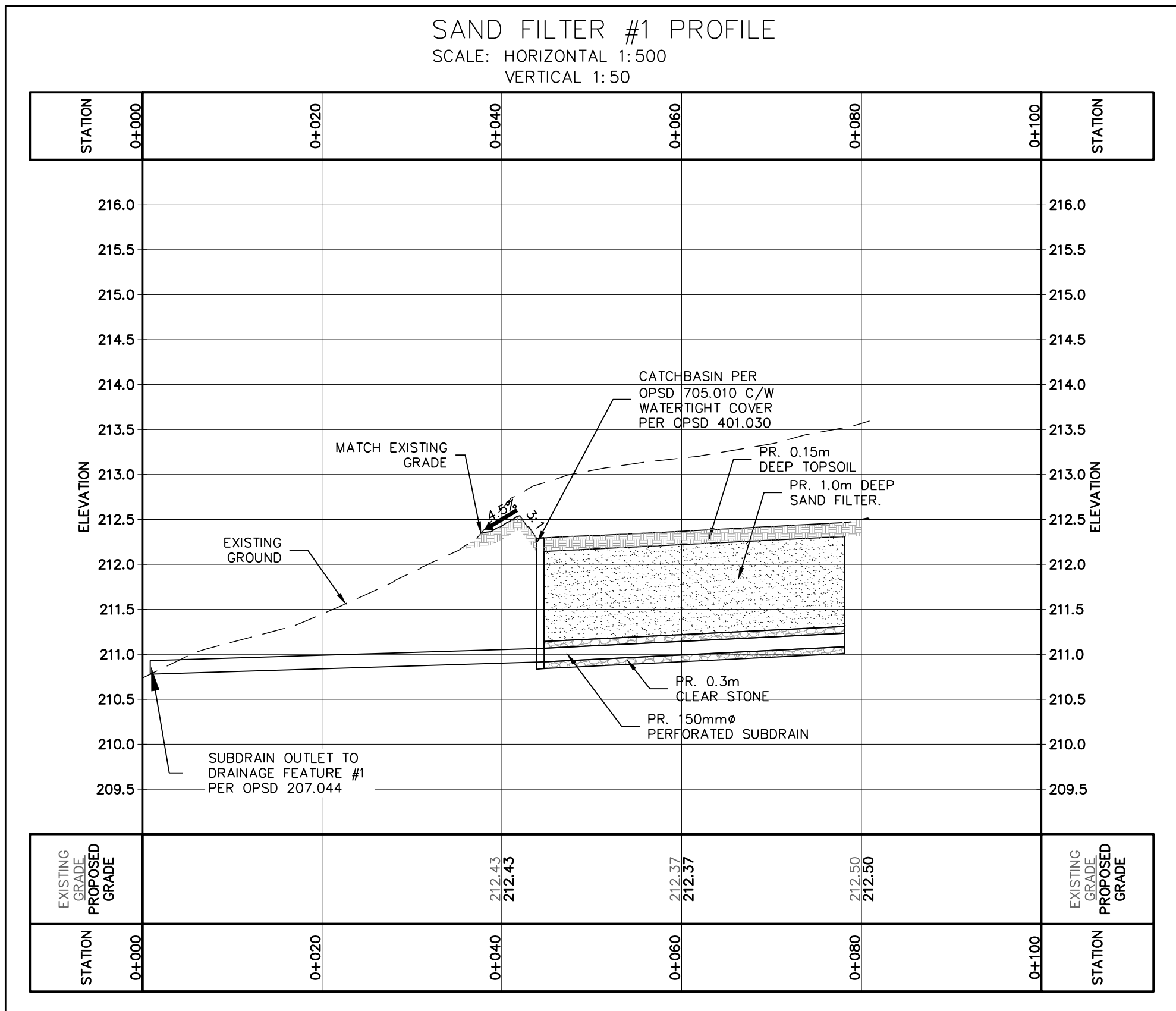
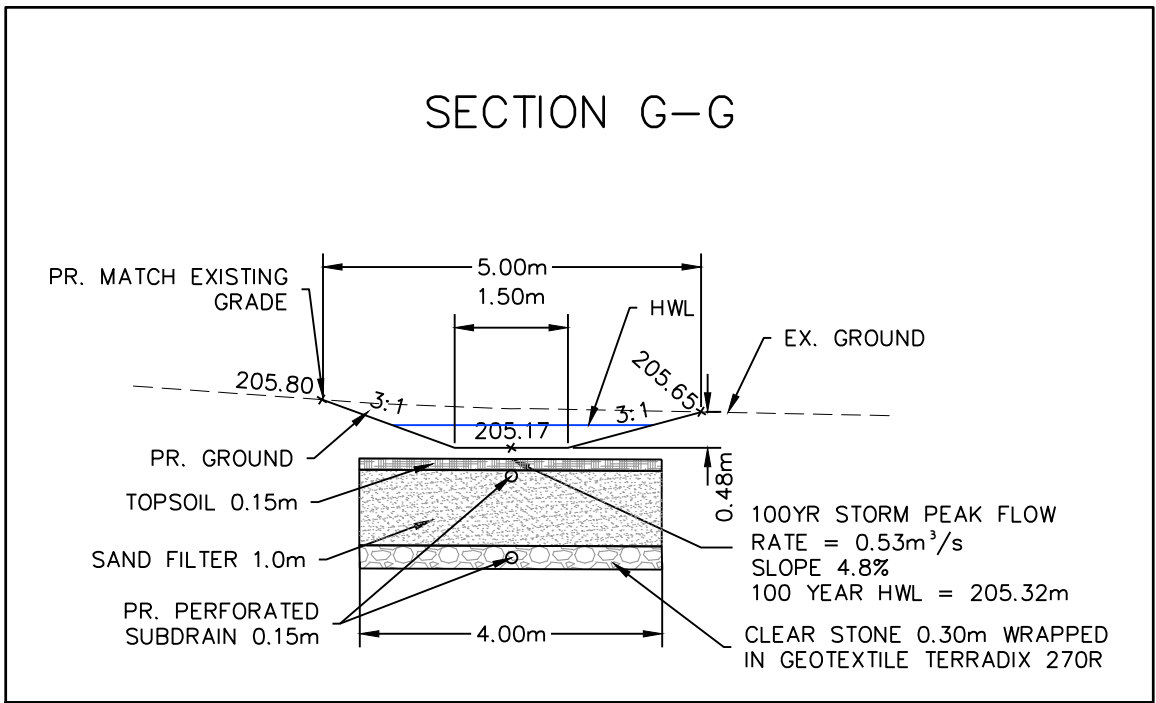
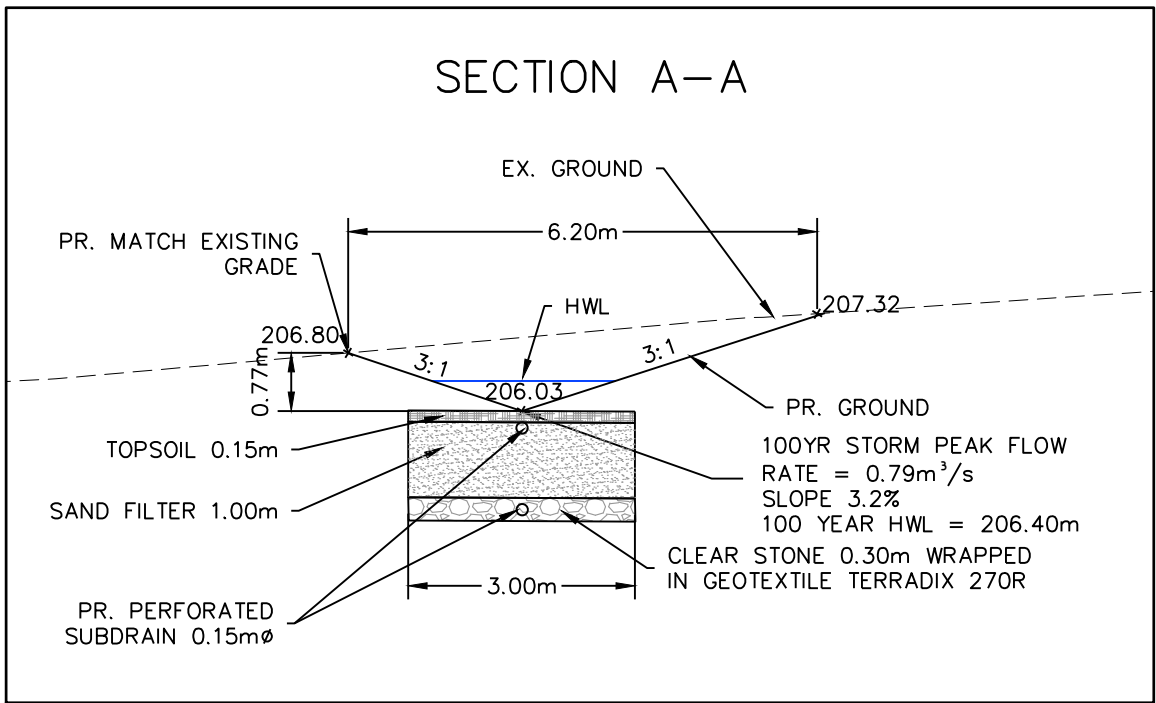
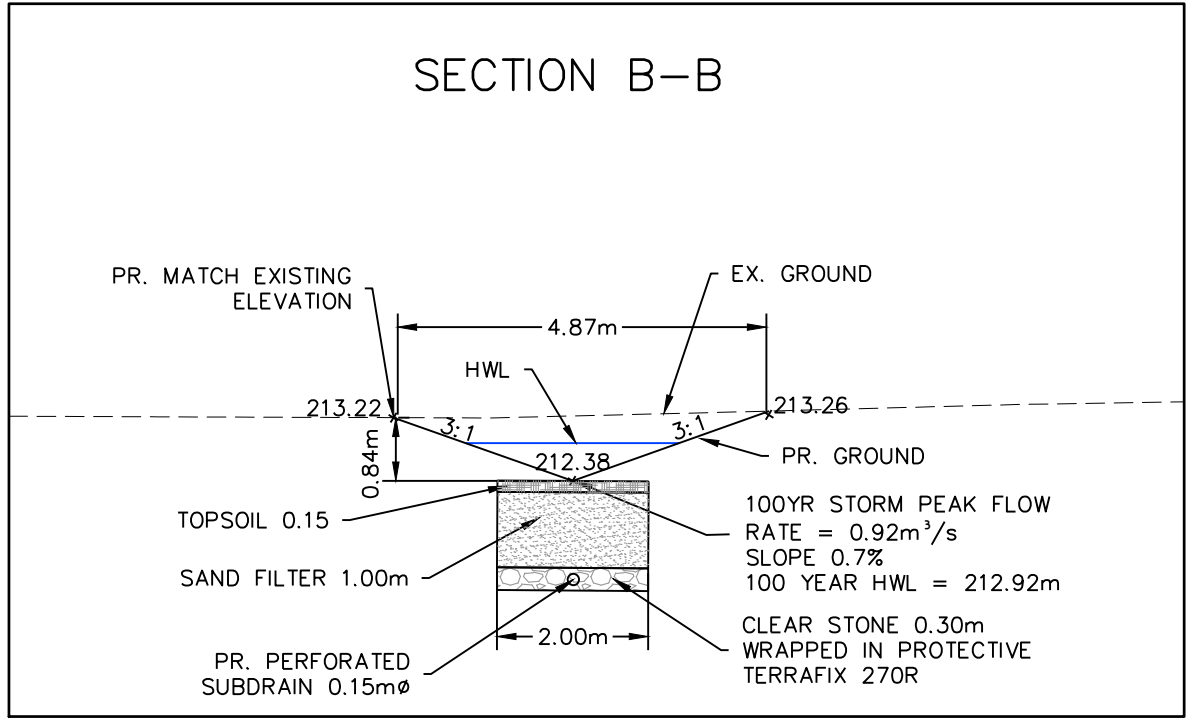
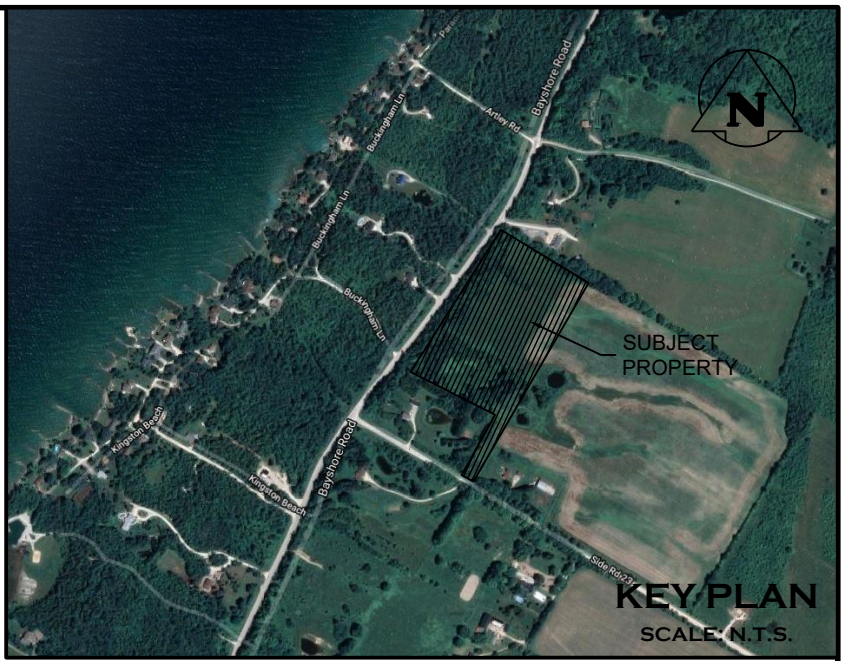
Drawing

CROSS SECTIONS



ADMIRAL BUILDING
1 FIRST STREET, SUITE 200
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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	1:100
				Drawing	C102A



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Project

Drawing

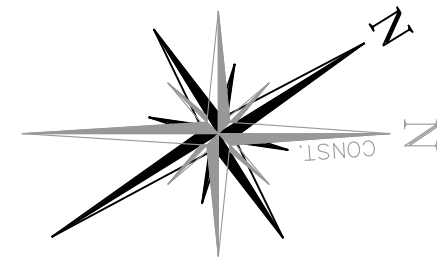
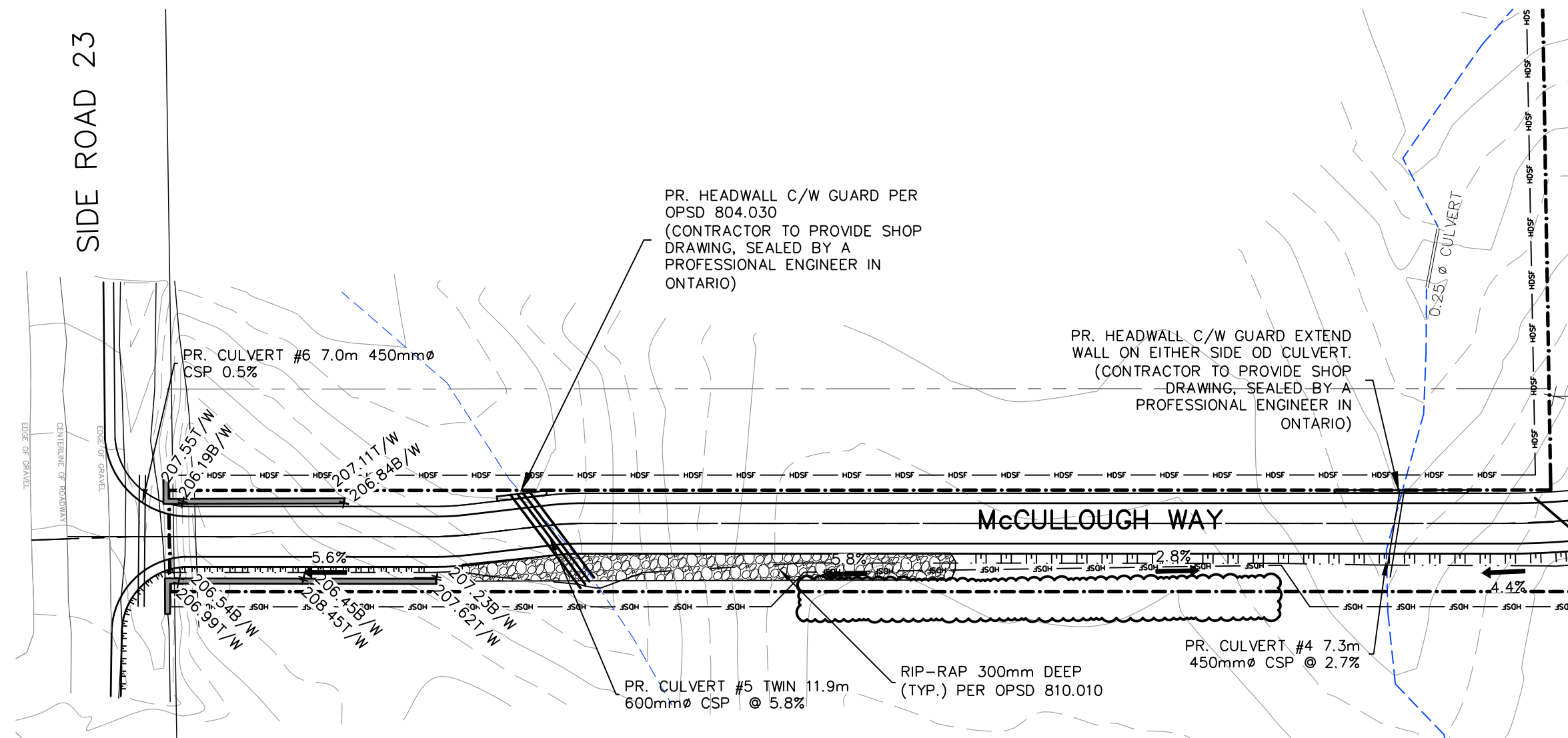
LEITH-BAYSHORE ROAD
MUNICIPALITY OF MEAFORD

CROSS SECTIONS & PROFILES FOR SAND FILTER

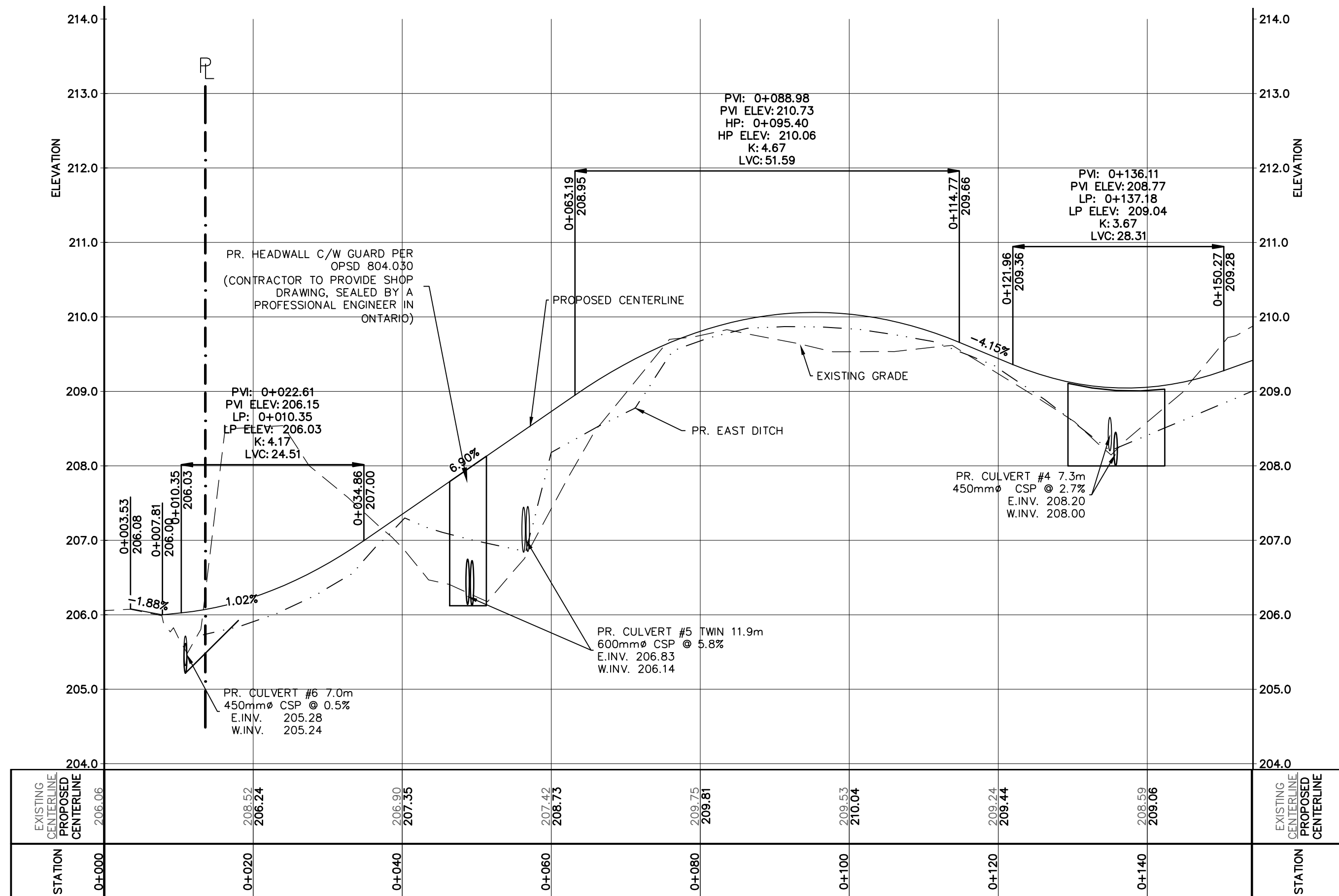


Drawn By: N.L. Design By: N.L./G.C. Project: 903-3780
Check By: G.C. Check By: R.A. Scale: 1:100 Drawing: C102B

ADMIRAL BUILDING
1 FIRST STREET, SUITE 200
COLLINGWOOD, ON, L9Y 1A1
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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

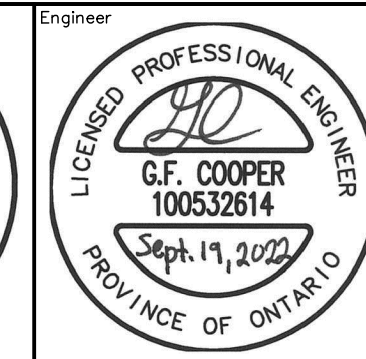
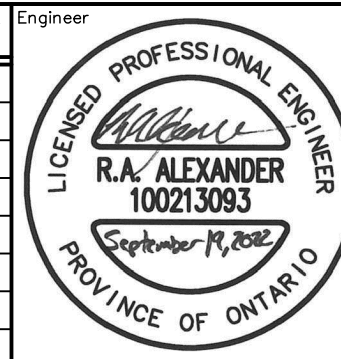


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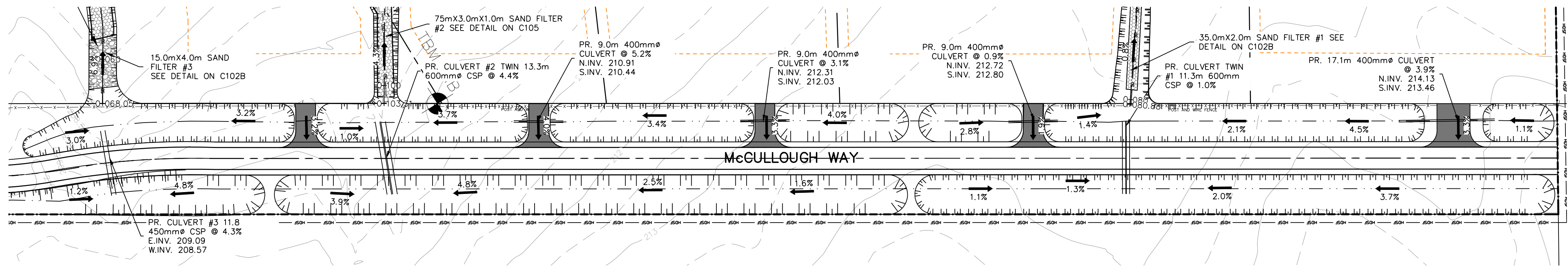
Project: LEITH-BAYSHORE ROAD
MUNICIPALITY OF MEAFORD

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

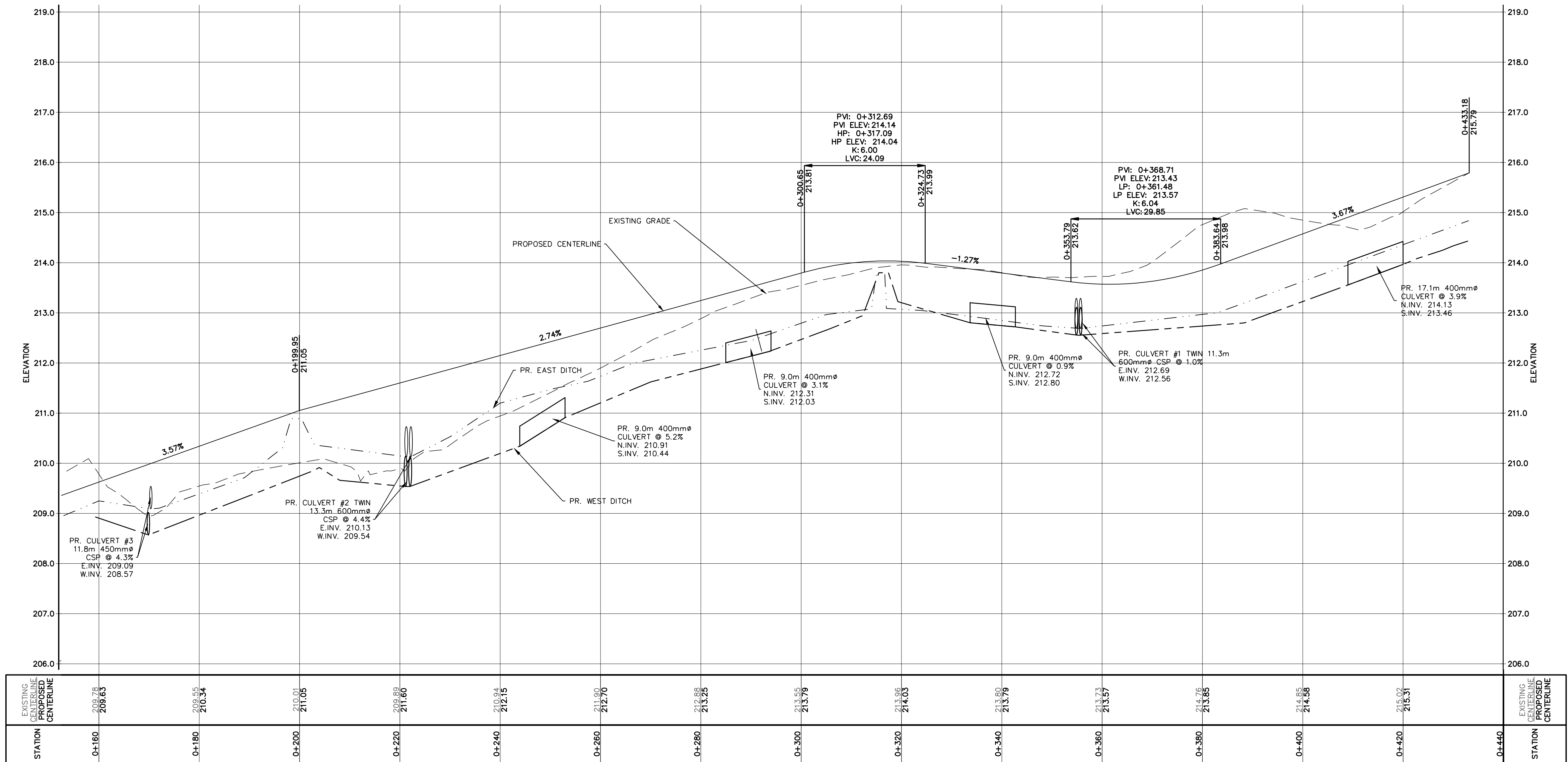
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Drawn By	N.L.	Design By	N.L./G.C.	Project	903-3780
Check By	G.C.	Check By	R.A.	Scale	1:500
				Drawing	C103 A



LEGEND	
	PROPOSED WEST DITCH
	PROPOSED EAST DITCH
	PROPOSED CENTER LINE
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	PROPOSED DRIPLINE
	PROPERTY BOUNDARY
	PR. HEAVY DUTY SILT FENCE
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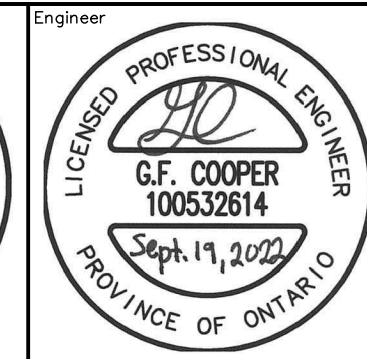
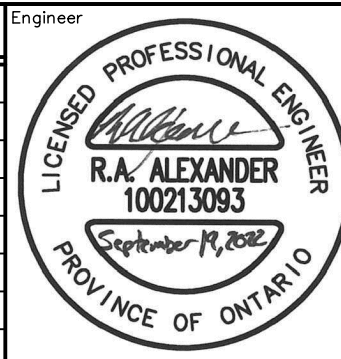


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TEMPORARY BENCHMARKS
BM#1 - SQUARE IRON BAR (SIB), ELEVATION = 210.299
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Project: LEITH-BAYSHORE ROAD
MUNICIPALITY OF MEAFORD

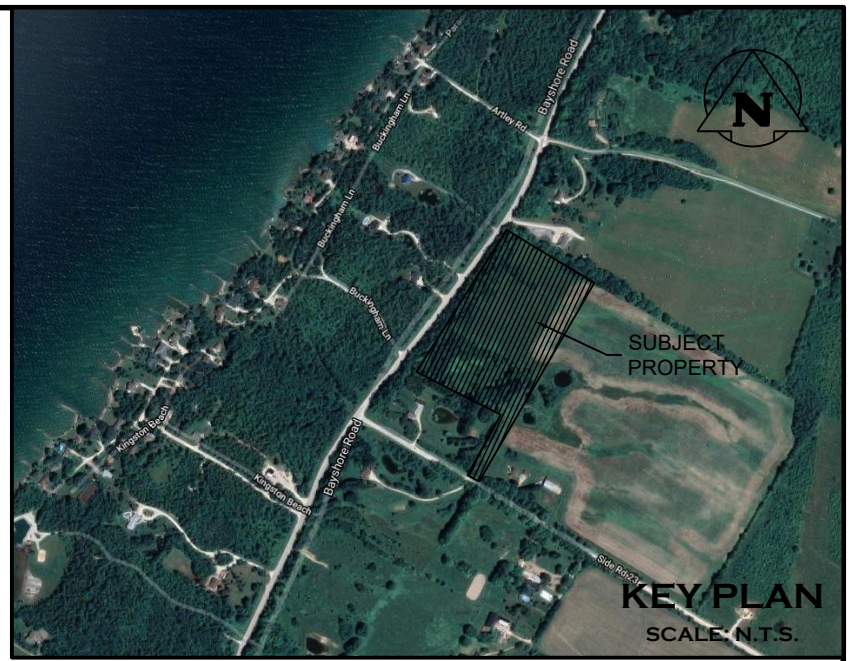
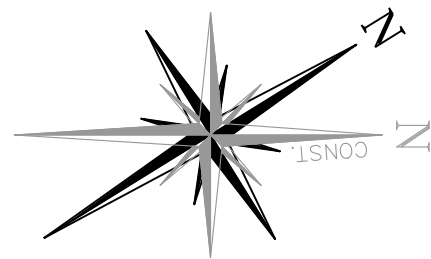
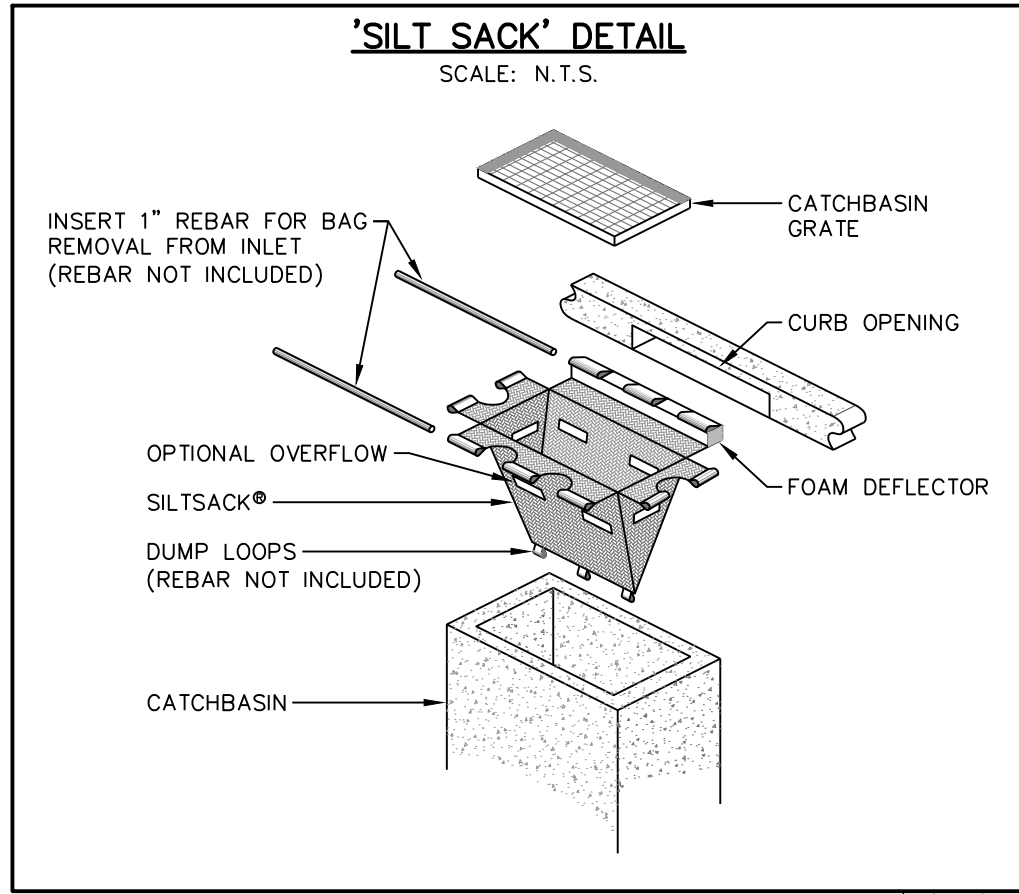
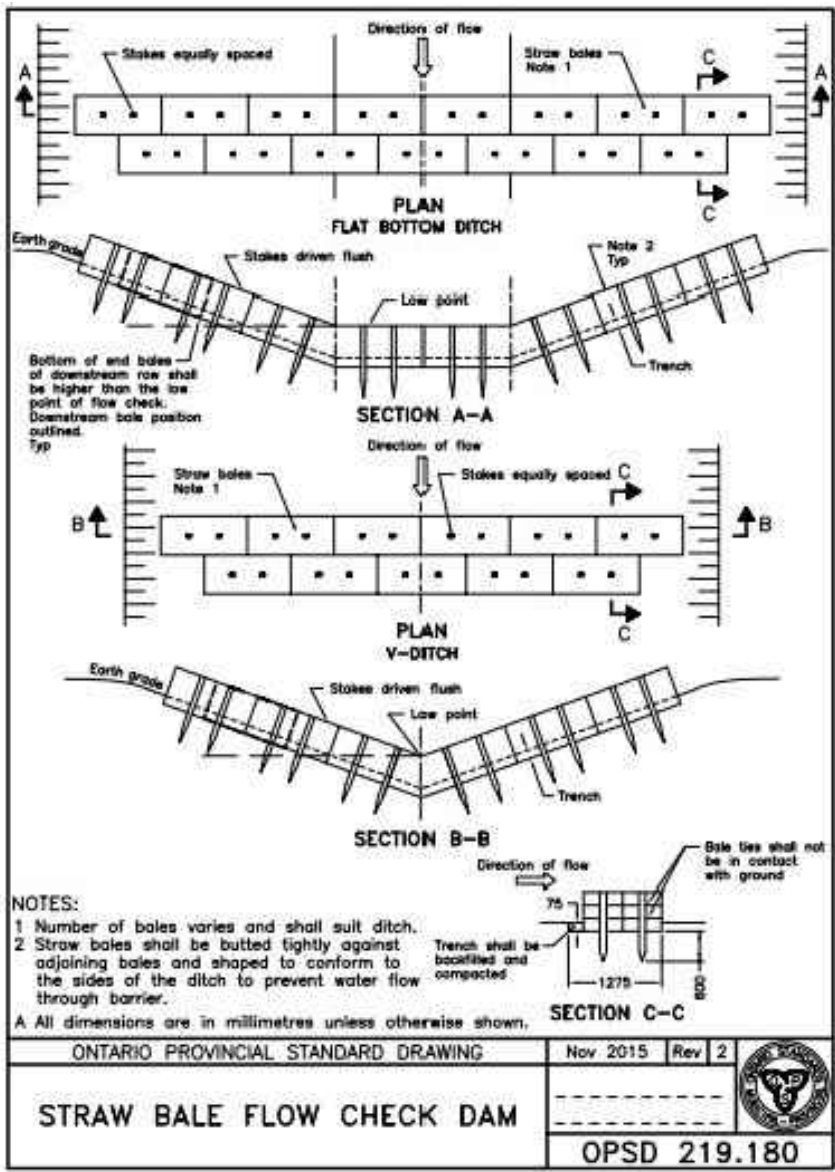
Drawing: PLAN & PROFILE (STA. 0+154 TO 0+440)

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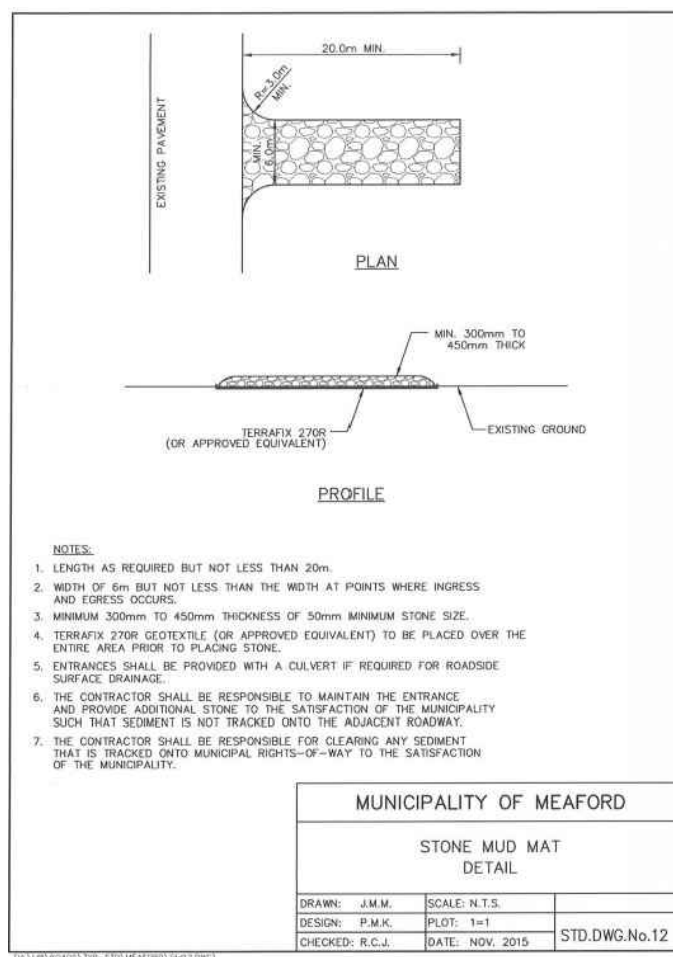
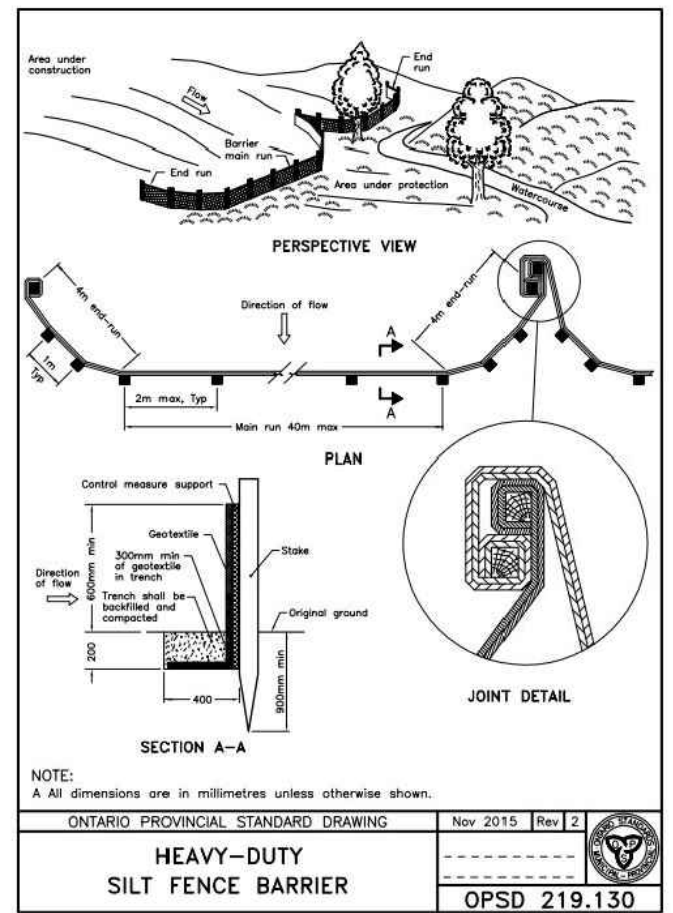
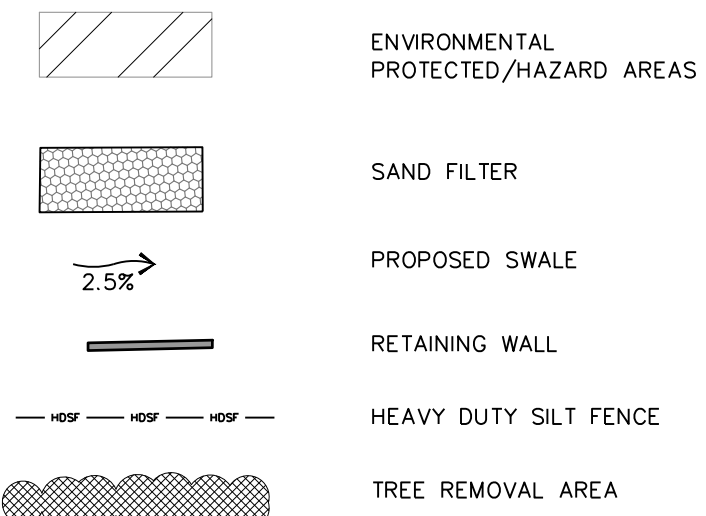
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Drawn By: N.L. Design By: N.L./G.C. Project: 903-3780

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



LEGEND



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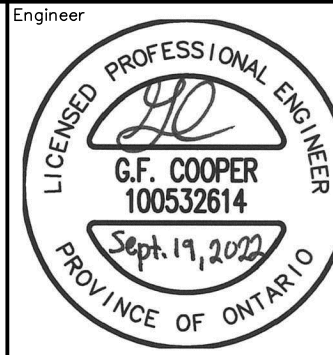
TEMPORARY BENCHMARKS

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Project

LEITH-BAYSHORE ROAD
MUNICIPALITY OF MEAFORD

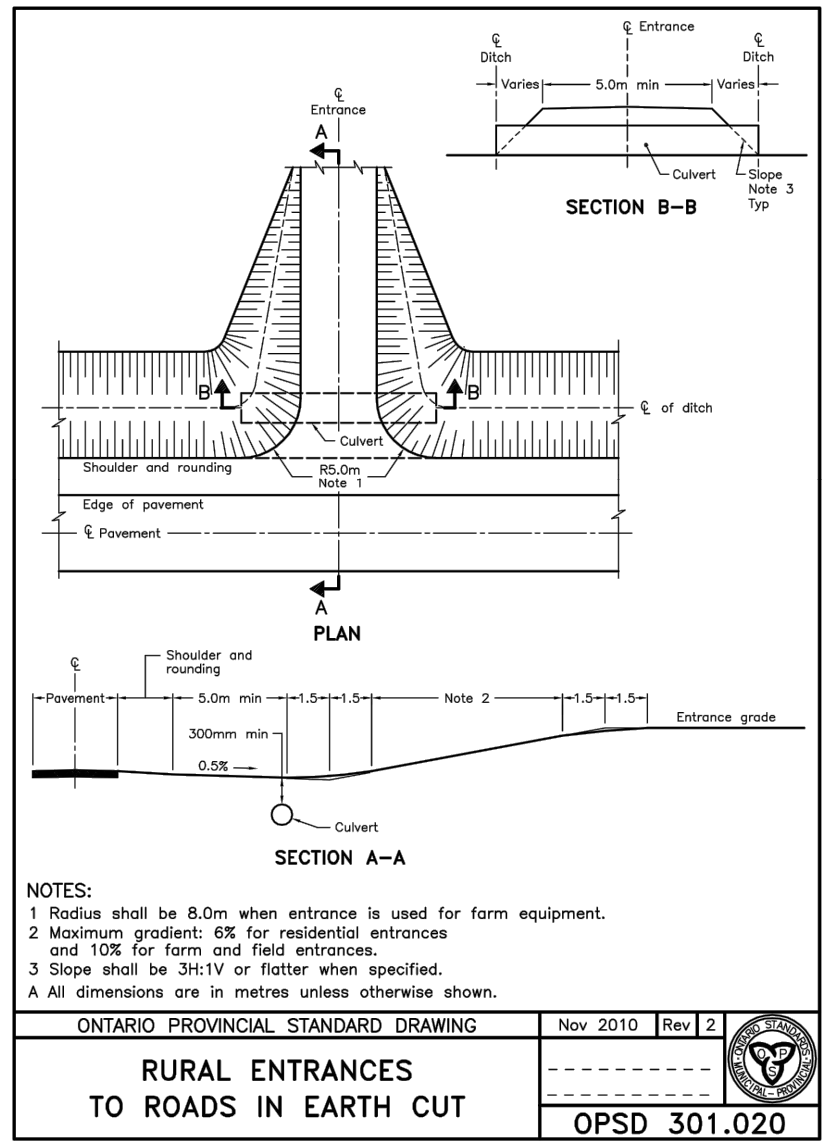
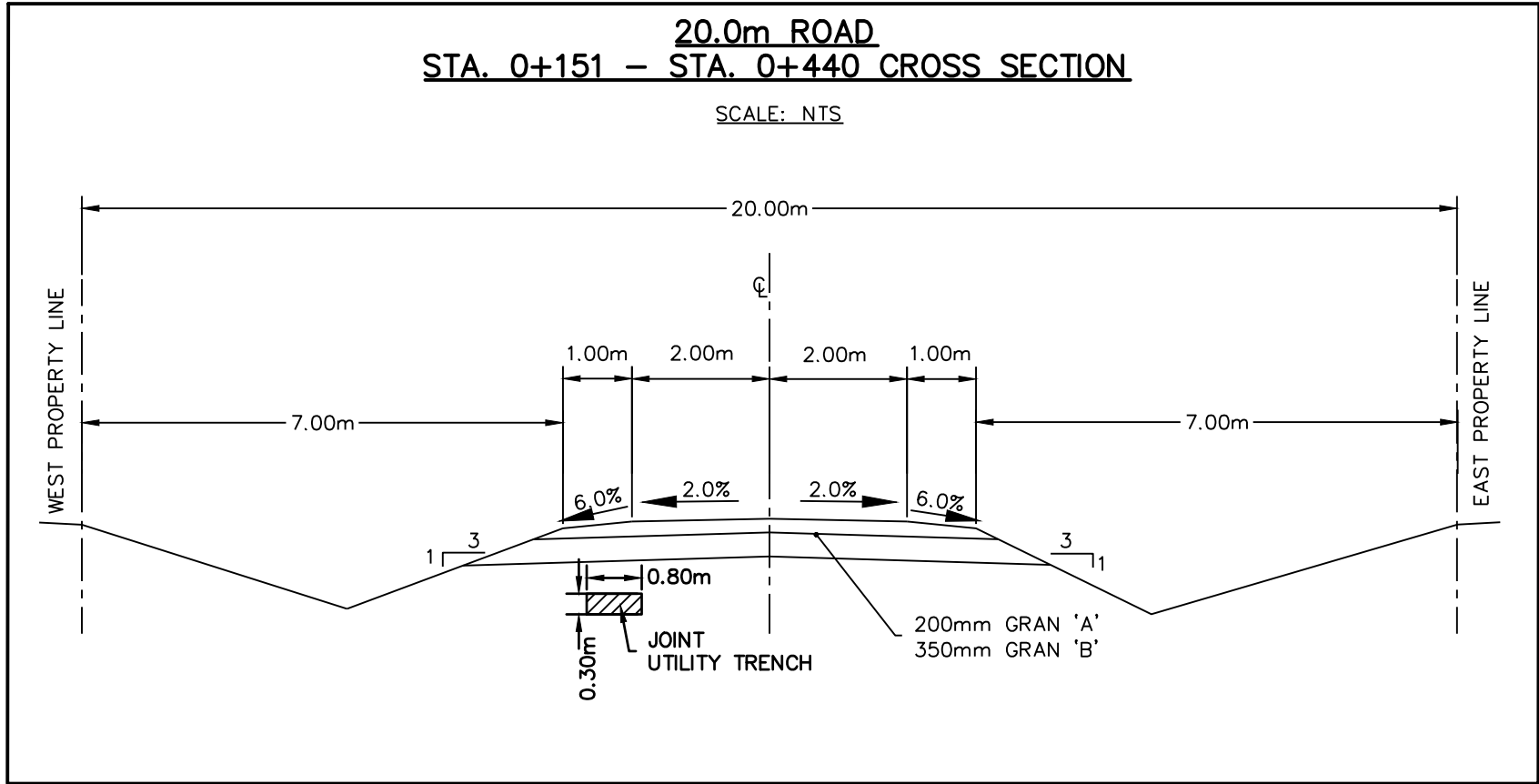
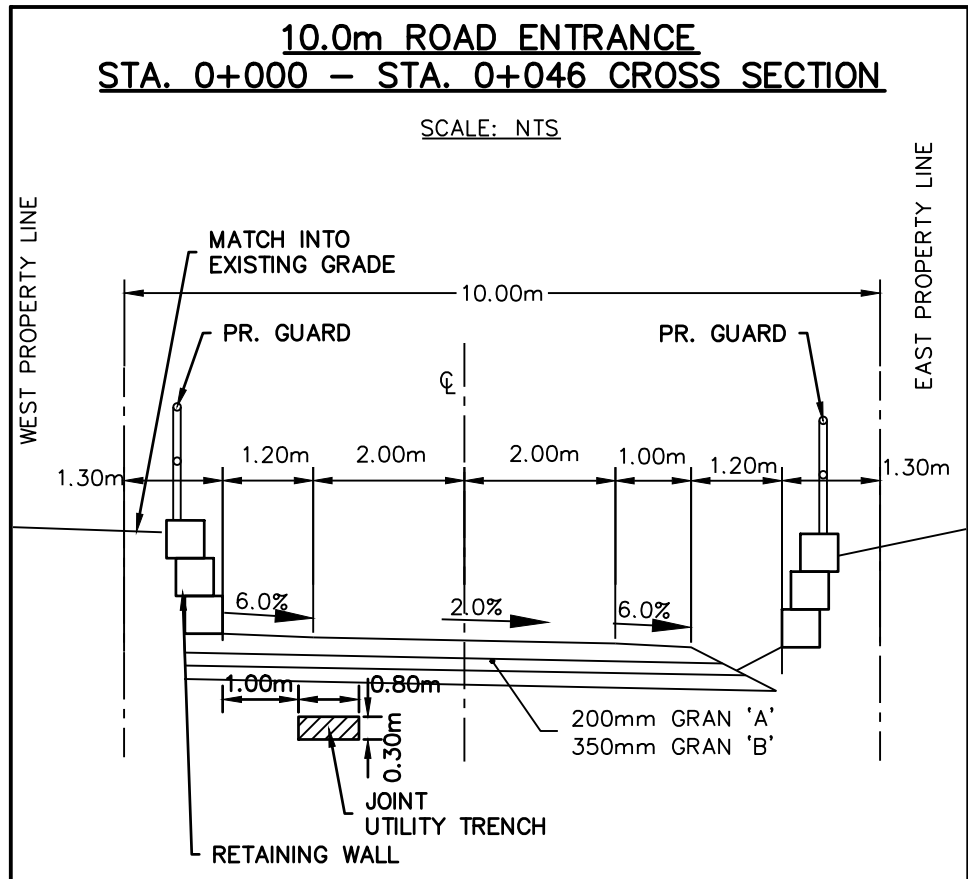
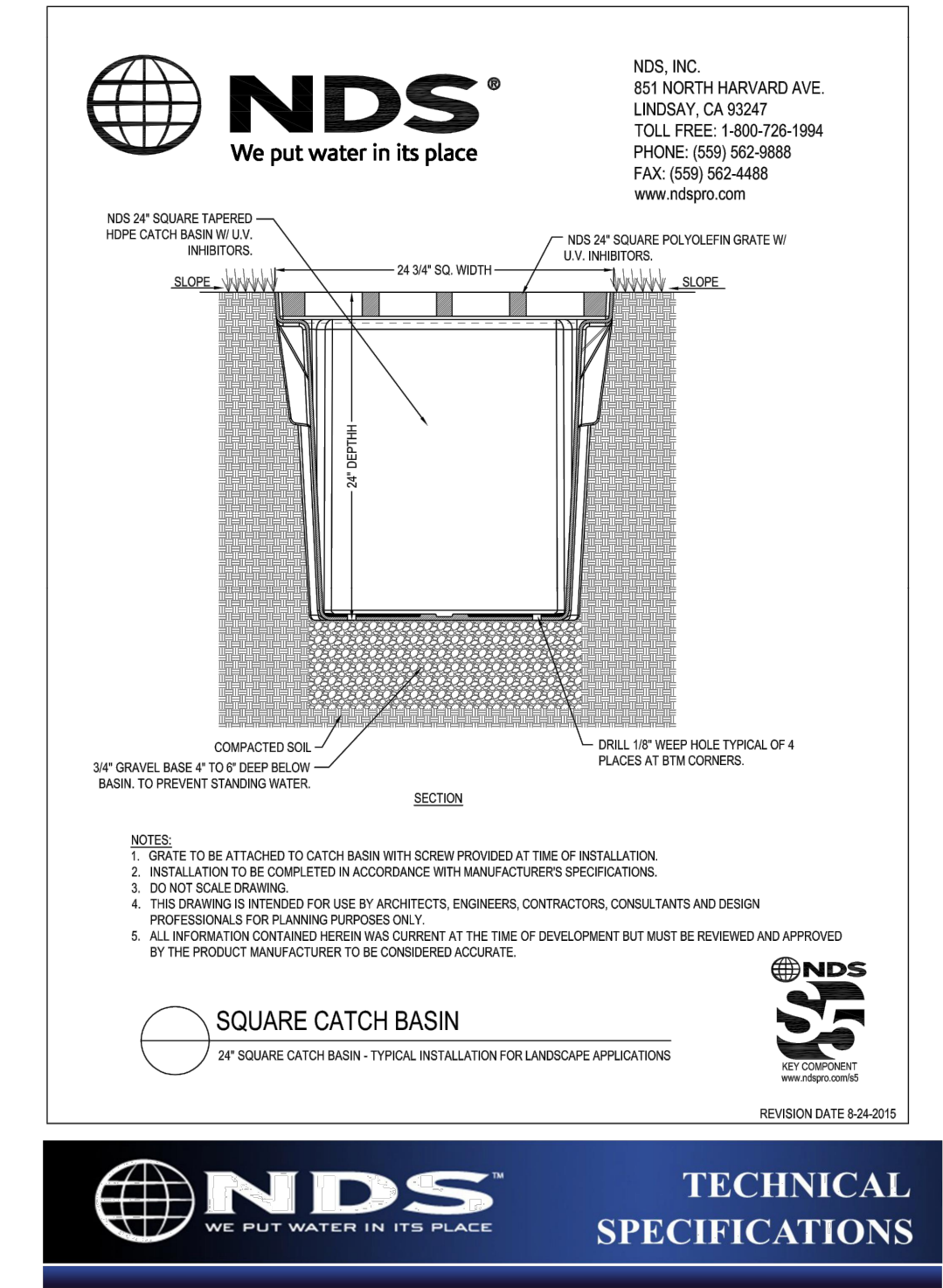
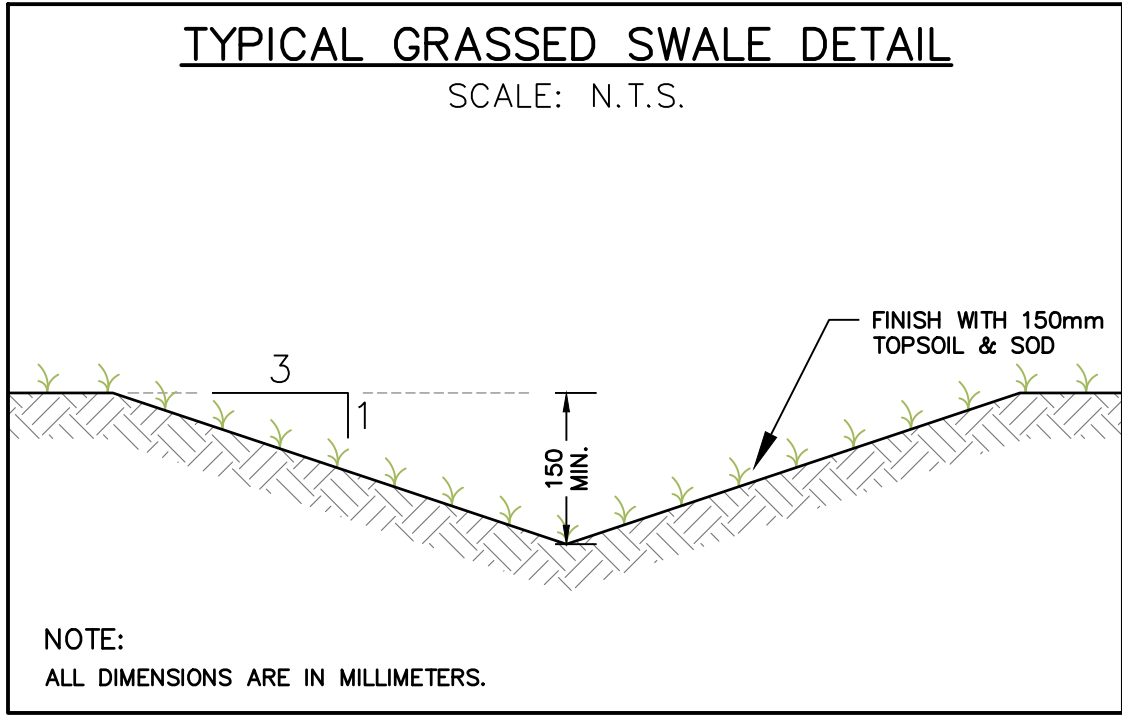
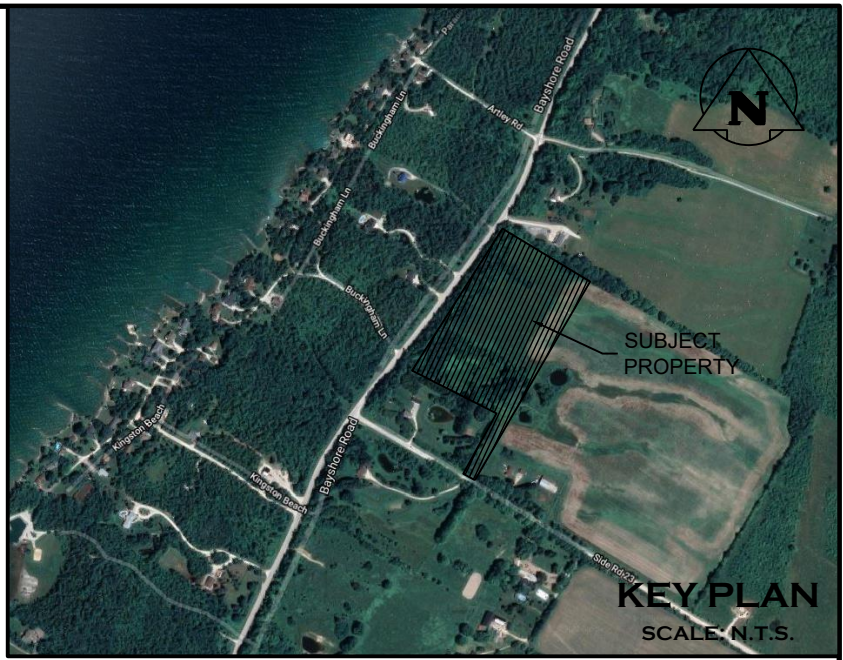
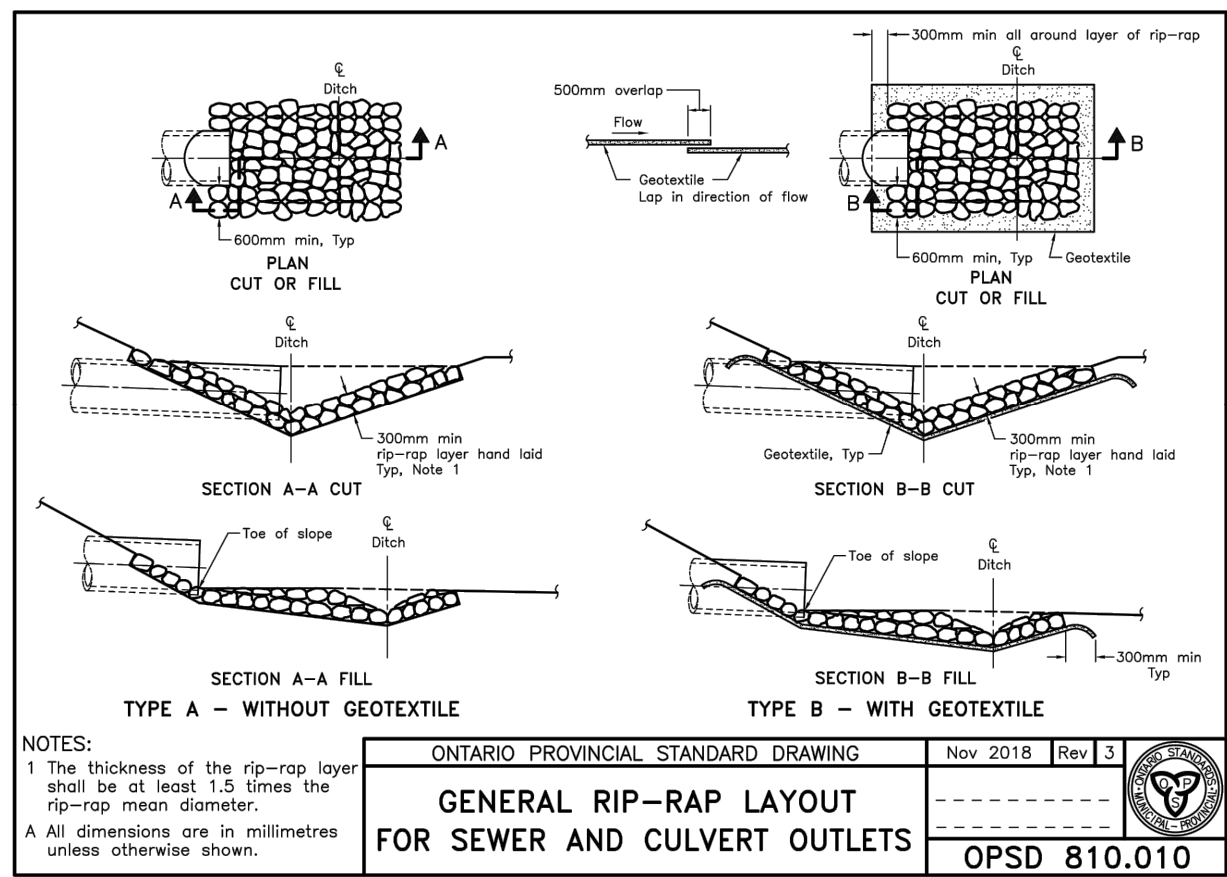
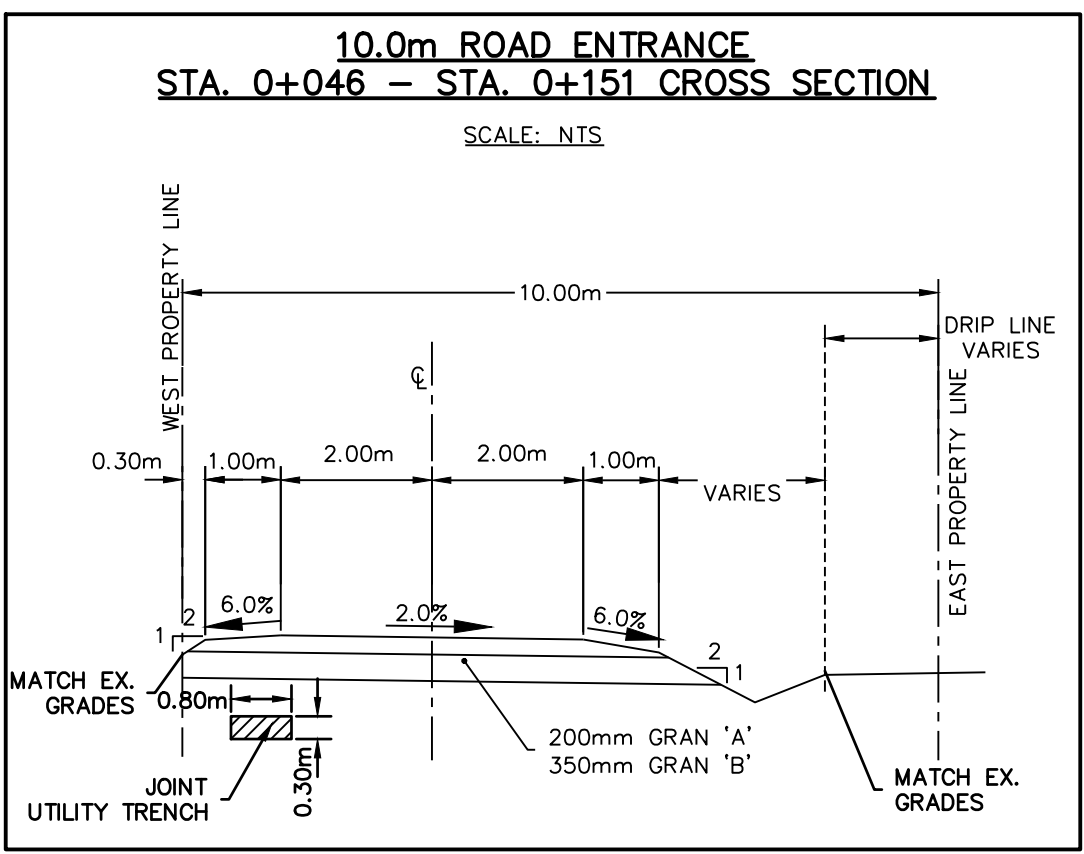
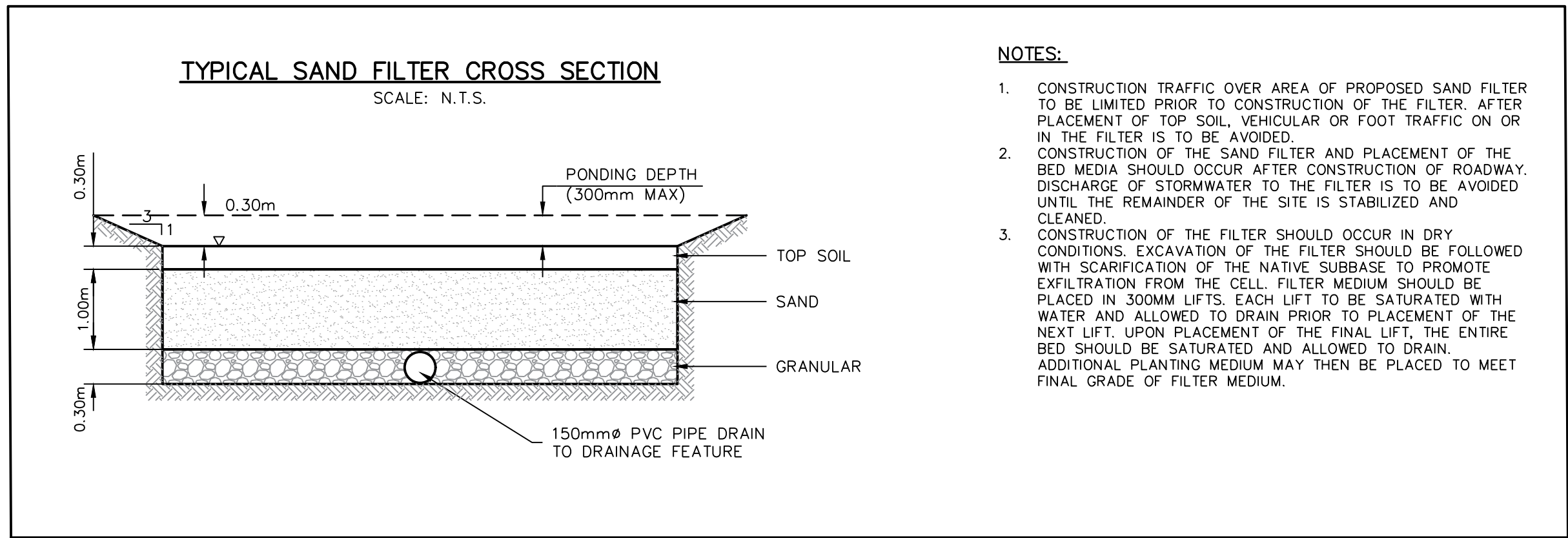
Drawing

EROSION & SEDIMENT CONTROL PLAN



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.	Check By	R.A.	Scale	1:750
				Drawing	C104

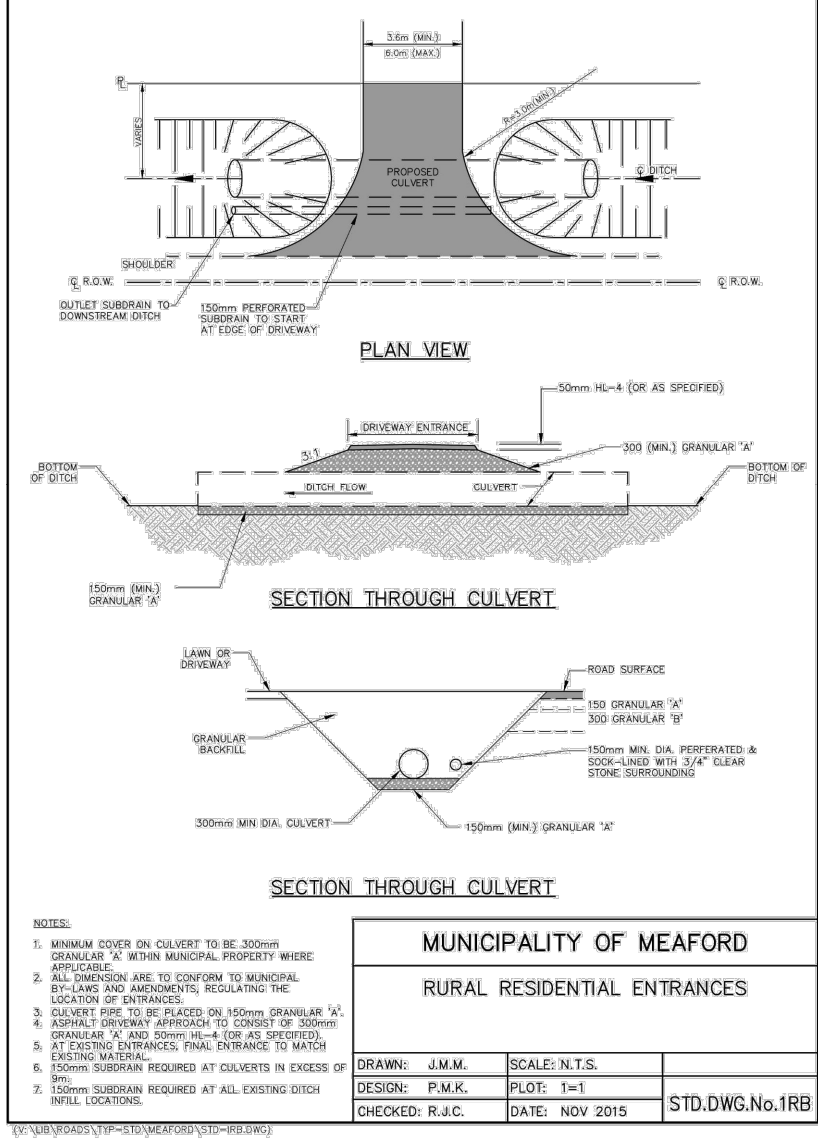
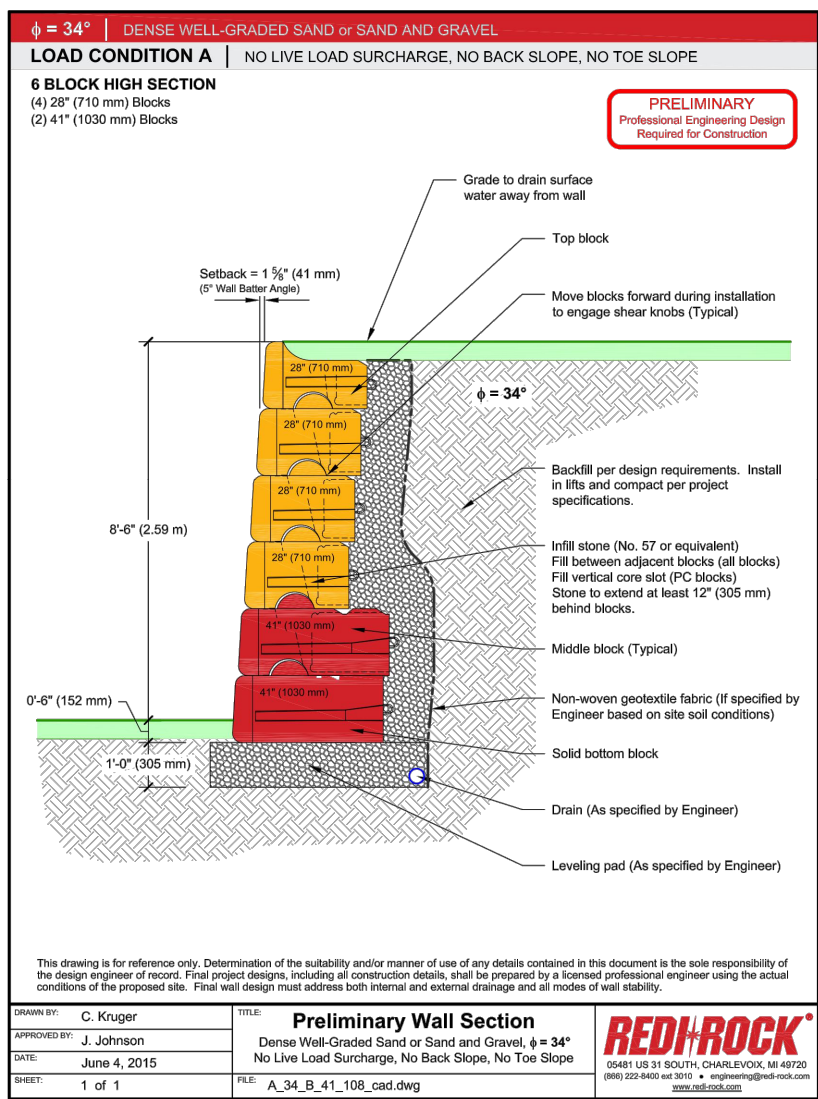
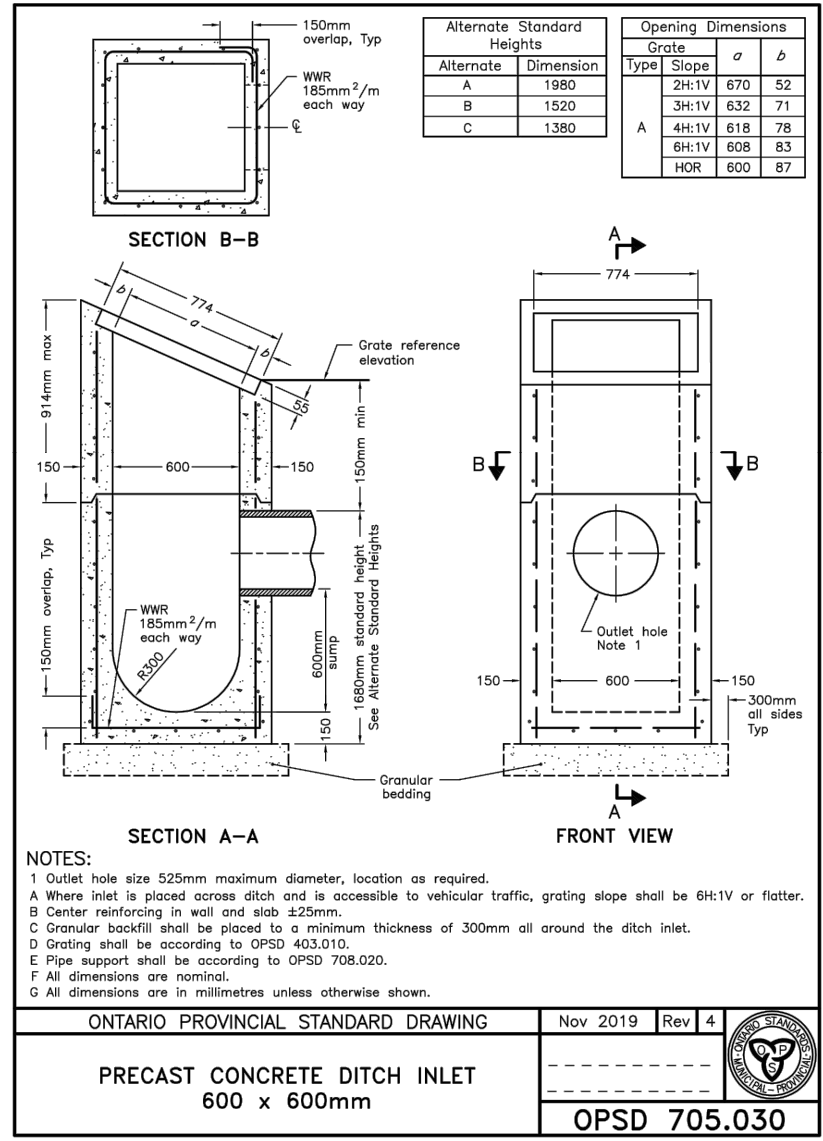
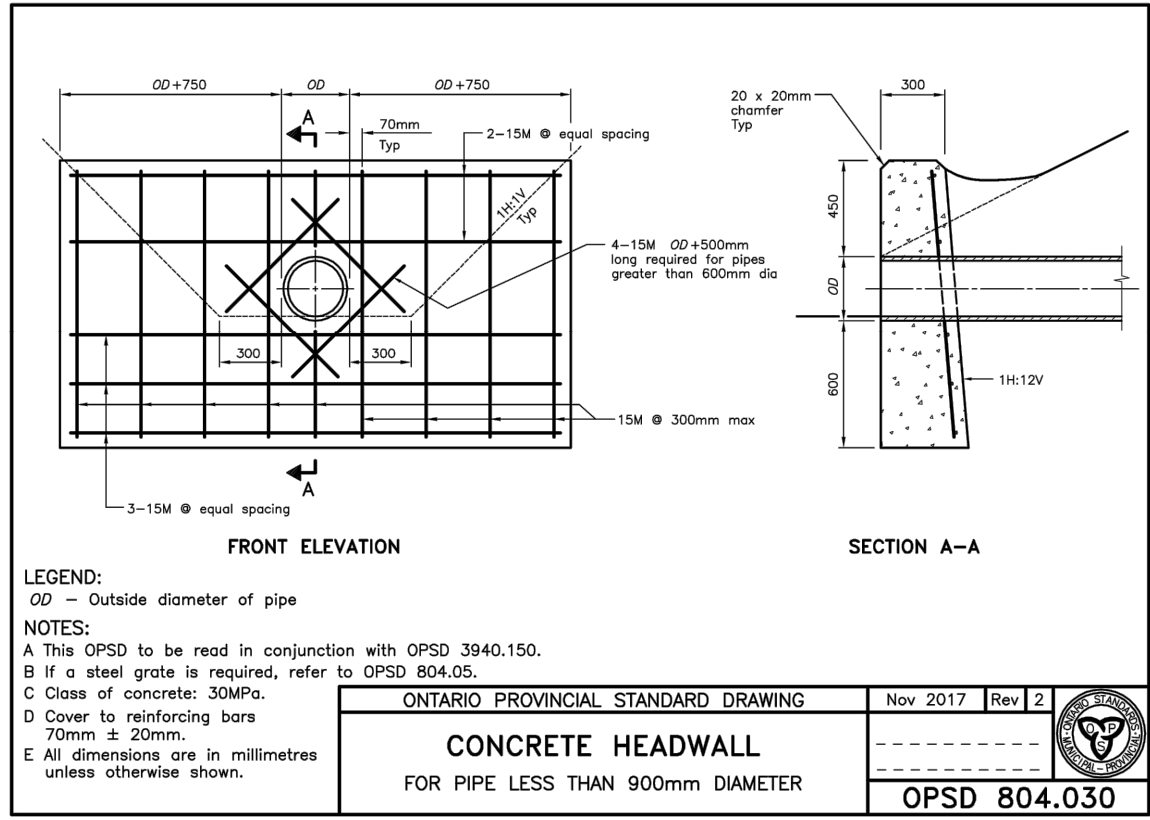
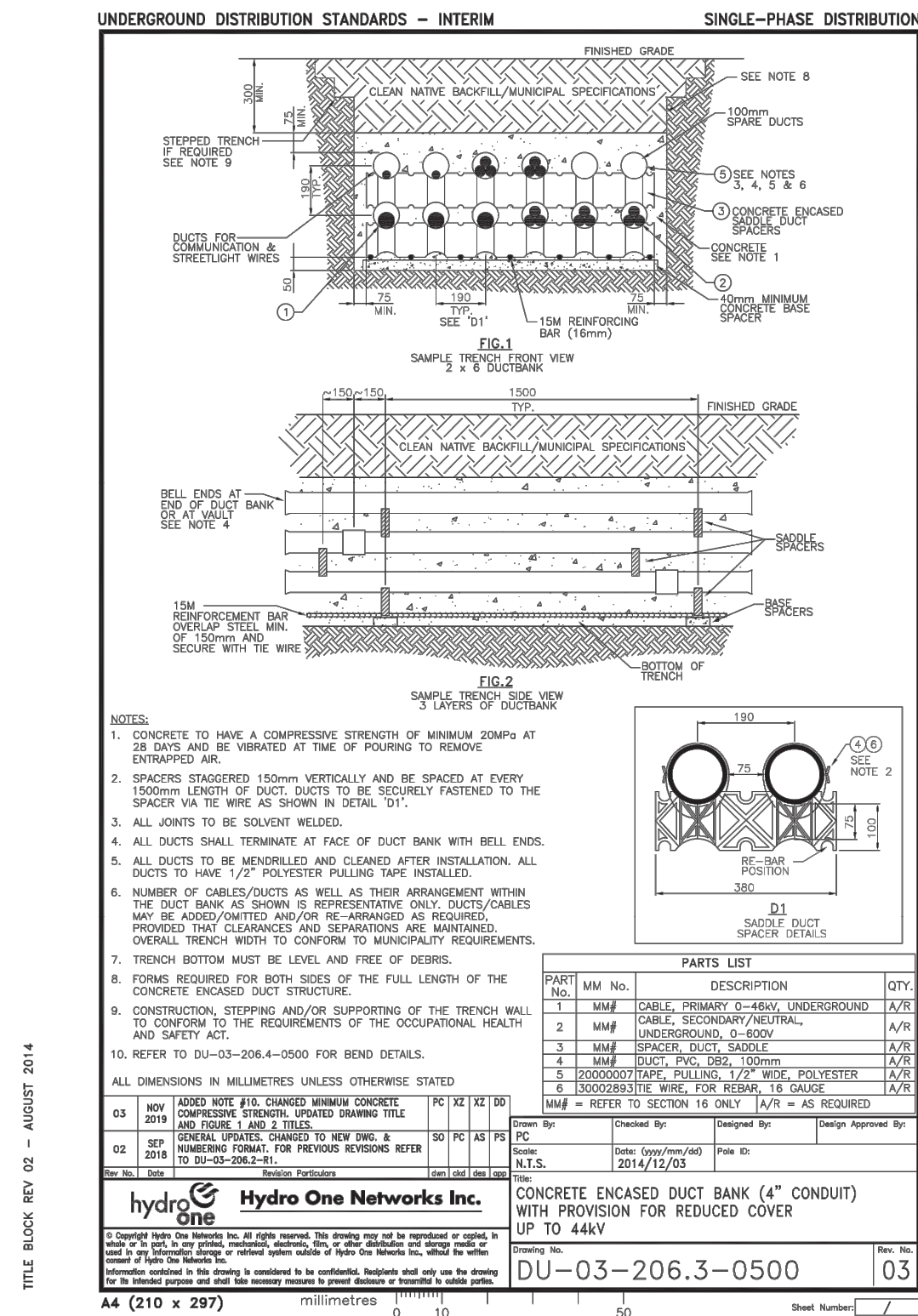
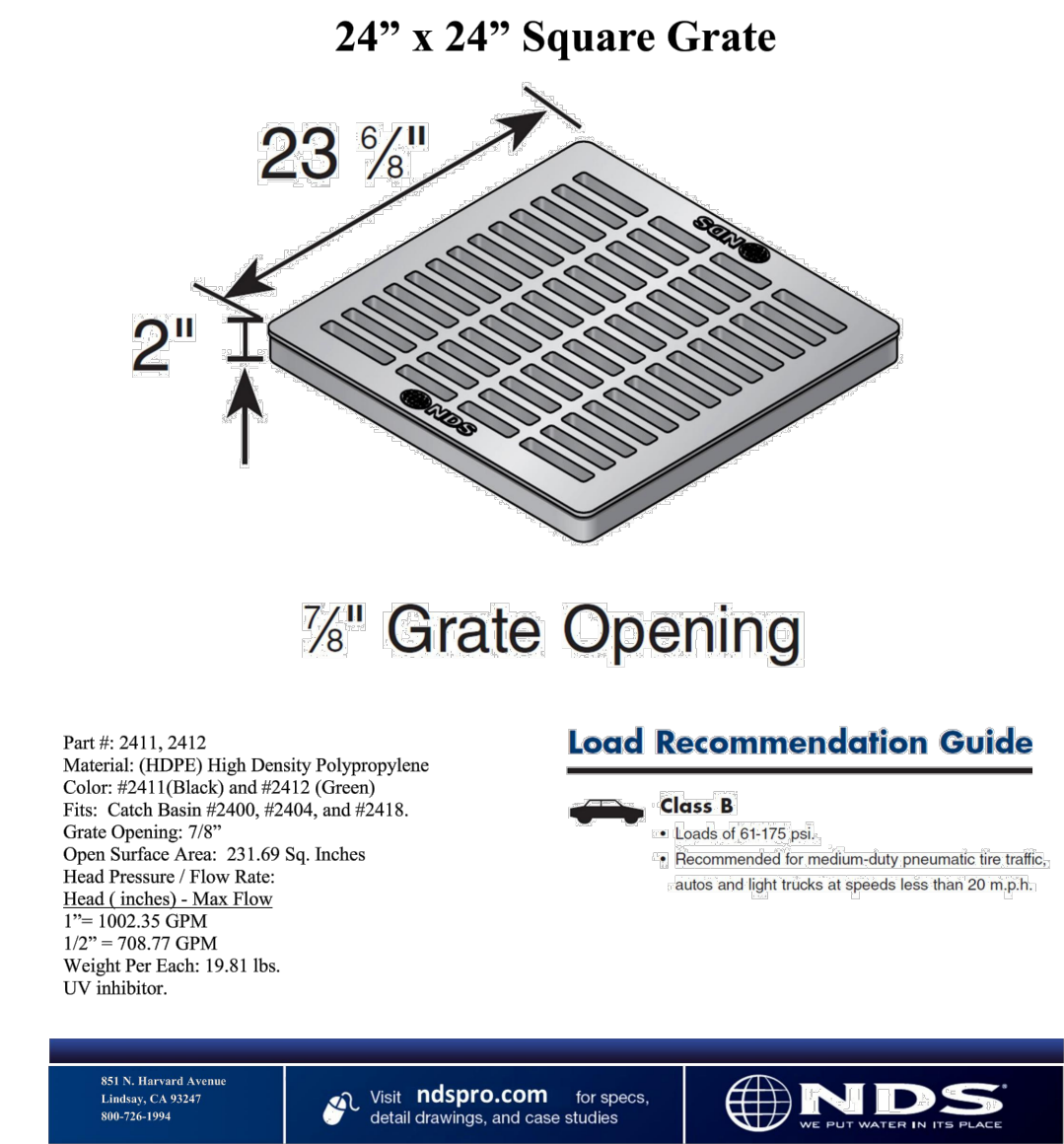


SEDIMENT & EROSION CONTROL NOTES:

- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED. SEDIMENT AND EROSION CONTROL MEASURES THAT ARE DESIGNED TO CONTROL RUNOFF FROM SPECIFIC AREAS MUST BE INSTALLED PRIOR TO ANY DISTURBANCE OF THAT PART OF THE SITE.
- THE CONTRACTOR MAY CONSIDER ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES, SUCH MEASURES MUST BE PRESENTED IN WRITING FOR APPROVAL OF THE CONTRACT ADMINISTRATOR AND THE CONSERVATION AUTHORITY.
- THE CONTRACTOR SHALL HAVE MATERIALS AVAILABLE ON-SITE TO REPAIR SEDIMENT AND EROSION CONTROL MEASURES IN THE EVENT OF UNFORESEEN CONDITIONS: HIGH WATER, EXTREME RAINFALL EVENTS, ETC.

GENERAL NOTES:

- ALL CONSTRUCTION EQUIPMENT TO USE MAIN ACCESS POINT, LOCATED AT SIDE ROAD 23, AS INDICATED ON THIS DRAWING. MUD MAT TO BE CONSTRUCTED AT ACCESS POINT.
- NO MAINTENANCE OR REPAIR WORK ON CONSTRUCTION EQUIPMENT IS ALLOWED WITHIN 30 METRES OF AN EXISTING WATER COURSE OR DITCH.
- ALL SEDIMENT AND EROSION CONTROL FACILITIES AND WORKS ARE TO BE CONSTRUCTED AND IN PLACE TO THE APPROVAL OF THE SITE ENGINEER PRIOR TO ANY GRADING OPERATIONS COMMENCING. TYPICAL WORKS INCLUDE SILT FENCES, INTERCEPTOR SWALES, AND STRAW BALE CHECK DAMS.
- ALL TEMPORARY TOPSOIL STOCKPILES ARE TO BE PROVIDED WITH THE NECESSARY SEDIMENT AND EROSION CONTROL FEATURES. IF STOCKPILES ARE TO REMAIN FOR A PERIOD LONGER THAN 30 DAYS, STOCKPILES SHALL BE HYDROSEED AND SURROUNDED WITH SILT FENCE.
- ALL INTERCEPTOR SWALES ARE TO BE SEED TO STABILIZE THEIR BANKS IMMEDIATELY FOLLOWING CONSTRUCTION.



1. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC. AND THE REPRODUCTION OF ANY PART WITHOUT PRIOR WRITTEN CONSENT OF THIS OFFICE IS STRICTLY PROHIBITED.	TEMPORARY BENCHMARKS TM#1 - SQUARE IRON BAR (SIB), ELEVATION = 210.299 SURVEY COMPLETED BY VAN HARTEN ON JANUARY 29TH 2019	Town	<table><tr><th>No.</th><th>ISSUE</th><th>DATE: MM/DD/YYYY</th></tr><tr><td>0</td><td>ISSUED FOR CLIENT REVIEW</td><td>07/28/2020</td></tr><tr><td>1</td><td>RE-ISSUED FOR CLIENT REVIEW</td><td>08/18/2021</td></tr><tr><td>2</td><td>ISSUED FOR SECOND SUBMISSION</td><td>11/18/2021</td></tr><tr><td>3</td><td>ISSUED FOR THIRD SUBMISSION</td><td>09/19/2022</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>	No.	ISSUE	DATE: MM/DD/YYYY	0	ISSUED FOR CLIENT REVIEW	07/28/2020	1	RE-ISSUED FOR CLIENT REVIEW	08/18/2021	2	ISSUED FOR SECOND SUBMISSION	11/18/2021	3	ISSUED FOR THIRD SUBMISSION	09/19/2022																						Engineer 	Engineer 	Project	LEITH-BAYSHORE ROAD MUNICIPALITY OF MEAFORD	 CROZIER CONSULTING ENGINEERS ADMIRAL BUILDING 1 FIRST STREET, SUITE 200 COLLINGWOOD, ON, L9Y 1A1 705-446-3510 T 705-446-3552 F WWW.CROZIER.CA INFO@CFCROZIER.CA
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2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND DATUMS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION.	3. THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT.	4. DO NOT SCALE THE DRAWINGS.	5. ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.	Drawing	CONSTRUCTION NOTES AND DETAILS																																							
Drawn By	N.L.	Design By	N.L./G.C.	Project	903-3780																																							
Check By	G.C.	Check By	R.A.	Scale	N.T.S.	Drawing	C105																																					