

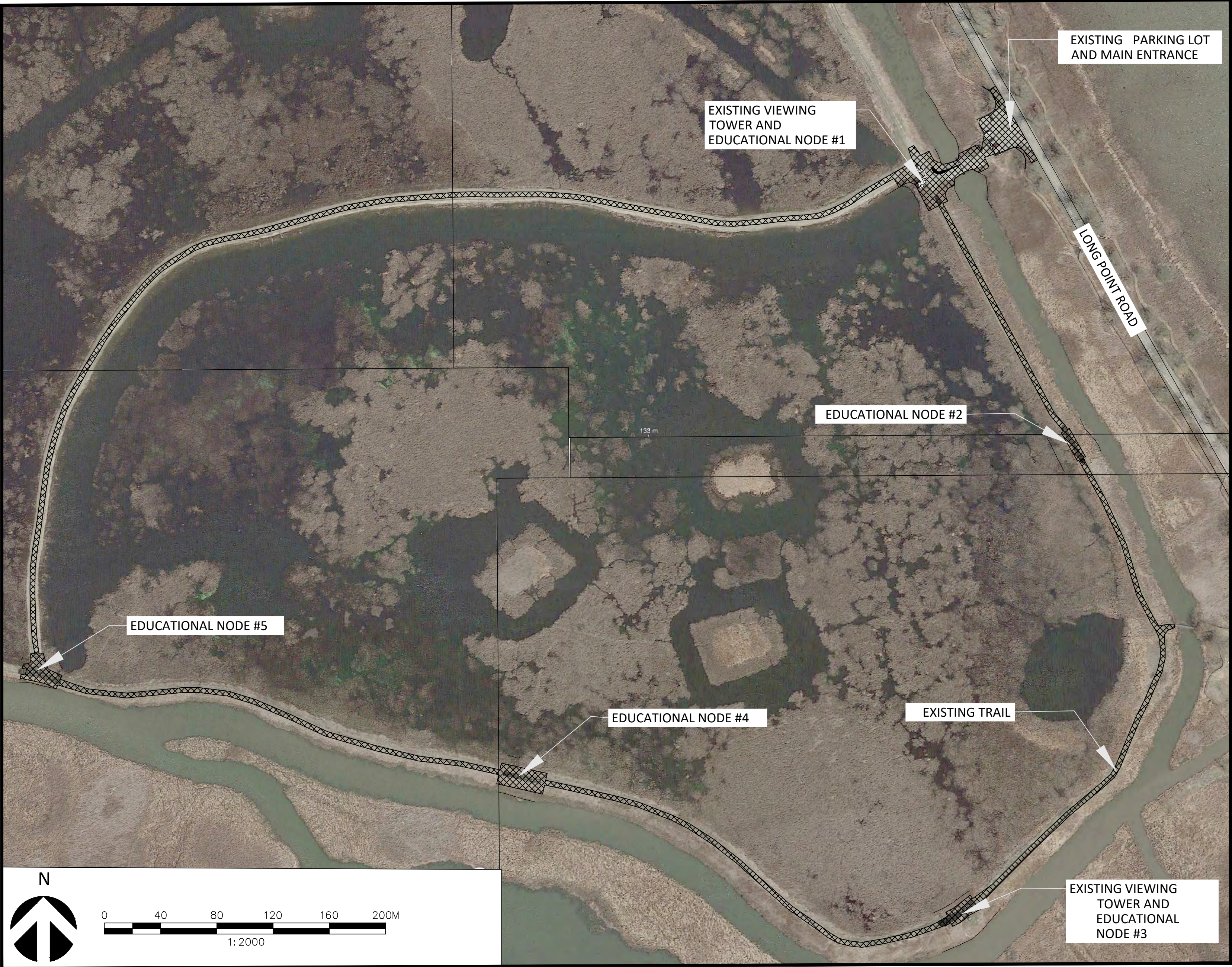
BIG CREEK NATIONAL WILDLIFE AREA

VISITOR EXPERIENCE IMPROVEMENTS

PORT ROWAN, ONTARIO

CONSTRUCTION DOCUMENTS - ISSUED FOR TENDER - AUGUST 09, 2019

PROJECT# R.080100.001



1 SITE MAP
SCALE: 1:2000

DRAWING INDEX

- L0.0 COVER SHEET
- L1.0 EXISTING CONDITIONS (1 of 2)
- L1.1 EXISTING CONDITIONS (2 of 2)
- L2.0 REMOVALS PLAN (1 of 2)
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- L3.0 MATERIALS & LAYOUT PLAN (1 of 3)
- L3.1 MATERIALS & LAYOUT PLAN (2 of 3)
- L3.2 MATERIALS & LAYOUT PLAN (3 of 3)
- L4.0 GRADING & DRAINAGE PLAN (1 of 2)
- L4.1 GRADING & DRAINAGE PLAN (2 of 2)
- L5.0 CONSTRUCTION DETAILS - GATE & FENCE
- L5.1 CONSTRUCTION DETAILS - GATE, FENCE & PATHWAY
- S1.0 CONSTRUCTION DETAILS- GATES
- S1.1 CONSTRUCTION DETAILS- SIGN & BENCH SUPPORTS
- W1.0 INTERPRETIVE SIGNAGE DETAILS
- W1.1 INTERPRETIVE SIGNAGE: GRAPHIC ELEVATIONS
- W2.0 BENCH DETAILS



revision	status	date
01	ISSUED FOR TENDER	AUG. 09 2019

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project title
titre du projet

**BIG CREEK NATIONAL
WILDLIFE AREA
VISITOR'S EXPERIENCE
IMPROVEMENT**

drawing title
titre du dessin

COVER SHEET

drawn by
dessiné par

RJ,JB,LB

designed by
conçu par

RJ

approved by
approuvé par

WOOD

bid
offre

DB

project manager
administrateur
de projets

project date
date du projet

AUGUST 2019

project no.
no. du projet

R.080100.001

drawing no.
dessiné no.

L0.0

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BIG CREEK NATIONAL WILDLIFE AREA VISITOR'S EXPERIENCE IMPROVEMENT

RJ,JB,LB

RJ

WOOD

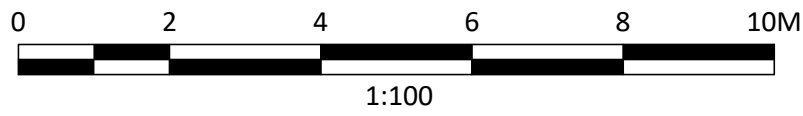
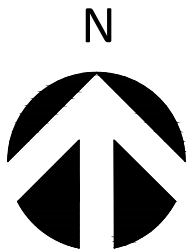
DB

AUGUST 2019

R.080100.001

110

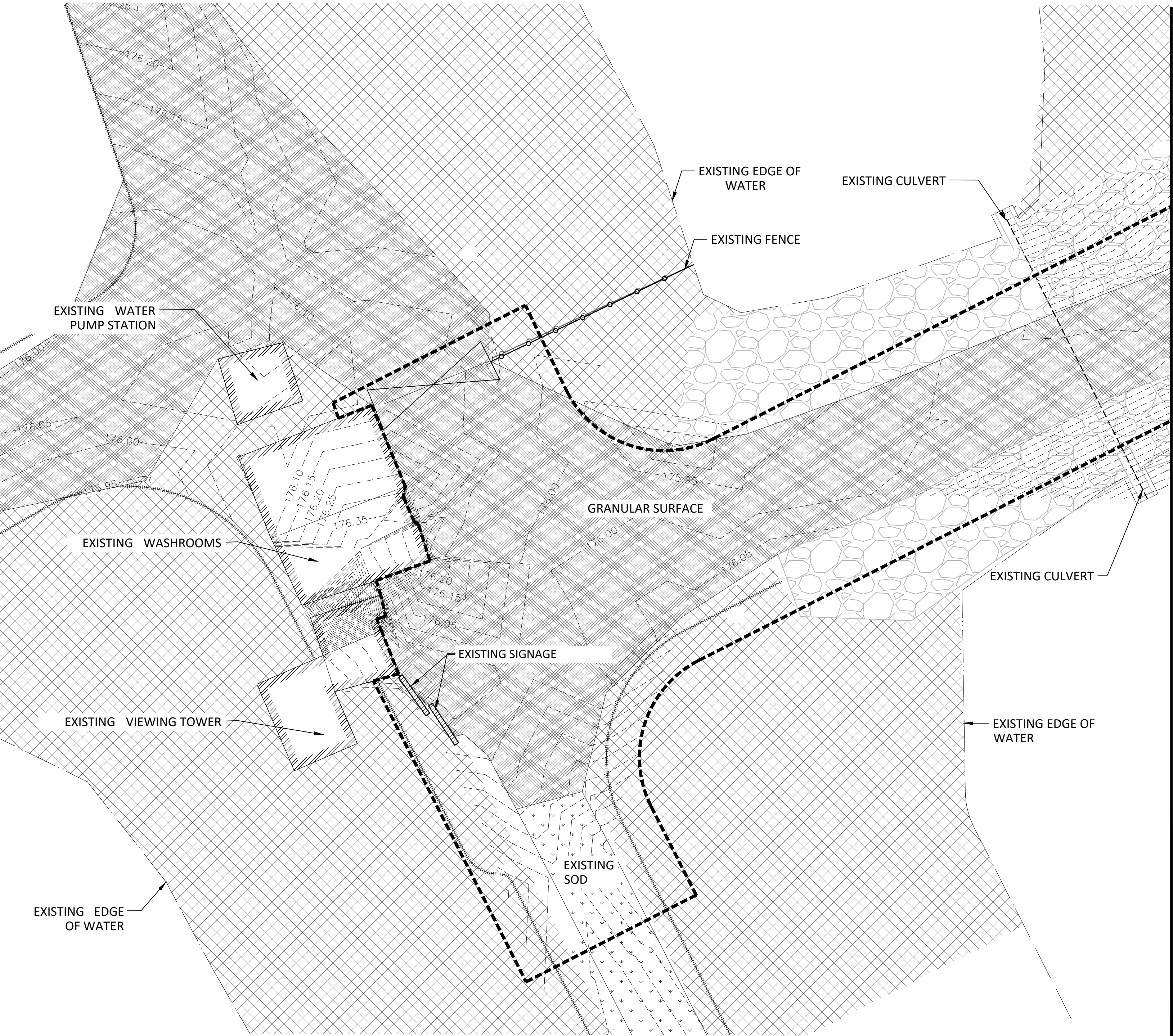
L1.0



MAINTENANCE DRAWING L1.1

1 PARKING LOT AND MAIN ENTRANCE

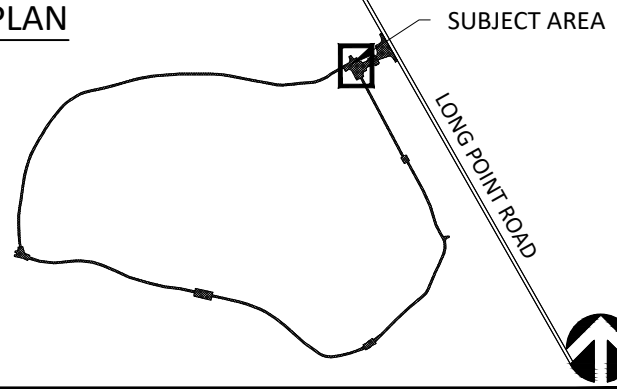
SCALE: 1:100



1 VIEWING TOWER, EDUCATIONAL NODE #1 AND TRAIL
SCALE: 1:100

- NOTES:
1. SURVEY PERFORMED BY WOOD IN JANUARY 2018.
 2. CONTOUR INTERVAL IS 50 MM

- LEGEND:**
- LIMIT OF WORK
 - - - TOPOGRAPHIC CONTOUR LINE
 - - - EXISTING EDGE OF WATER
 - ◼ EXISTING BELL UTILITY PEDESTAL
 - EXISTING HYDRO POLE
 - ▬ EXISTING SIGNAGE
 - EXISTING FENCE
 - ⌵ EXISTING GATE
 - ▬ EXISTING EDGE OF DIKE
 - ▬ H EXISTING HYDRO UTILITY
 - ▬ B EXISTING BELL UTILITY
 - ▬ HCA EXISTING HYDRO (AERIAL) UTILITY
 - ◻ EXISTING PARKING (GRANULAR SURFACE)
 - ▨ EXISTING TRAIL -GRANULAR SURFACE
 - ▨ EXISTING SCRUB
 - ▨ EXISTING SOD
 - ▨ EXISTING RIP-RAP
 - ▬ NEW FENCE
 - ▬ NEW SIGNAGE
 - ▬ NEW BENCH
 - ▬ NEW TRAIL, GRANULAR SURFACE
 - ▨ NEW TOP SOIL
 - + N 0000000 E 0000000 NORTHING & EASTING
 - ##% DIRECTION OF SLOPE
 - F.G FINISH GRADE
 - E.G EXISTING GRADE



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**BIG CREEK NATIONAL
WILDLIFE AREA
VISITOR'S EXPERIENCE
IMPROVEMENT**

drawing title
titre du dessin
**EXISTING CONDITIONS
(2 of 2)**

drawn by
dessine par
RJ,JB,LB

designed by
conc par
RJ

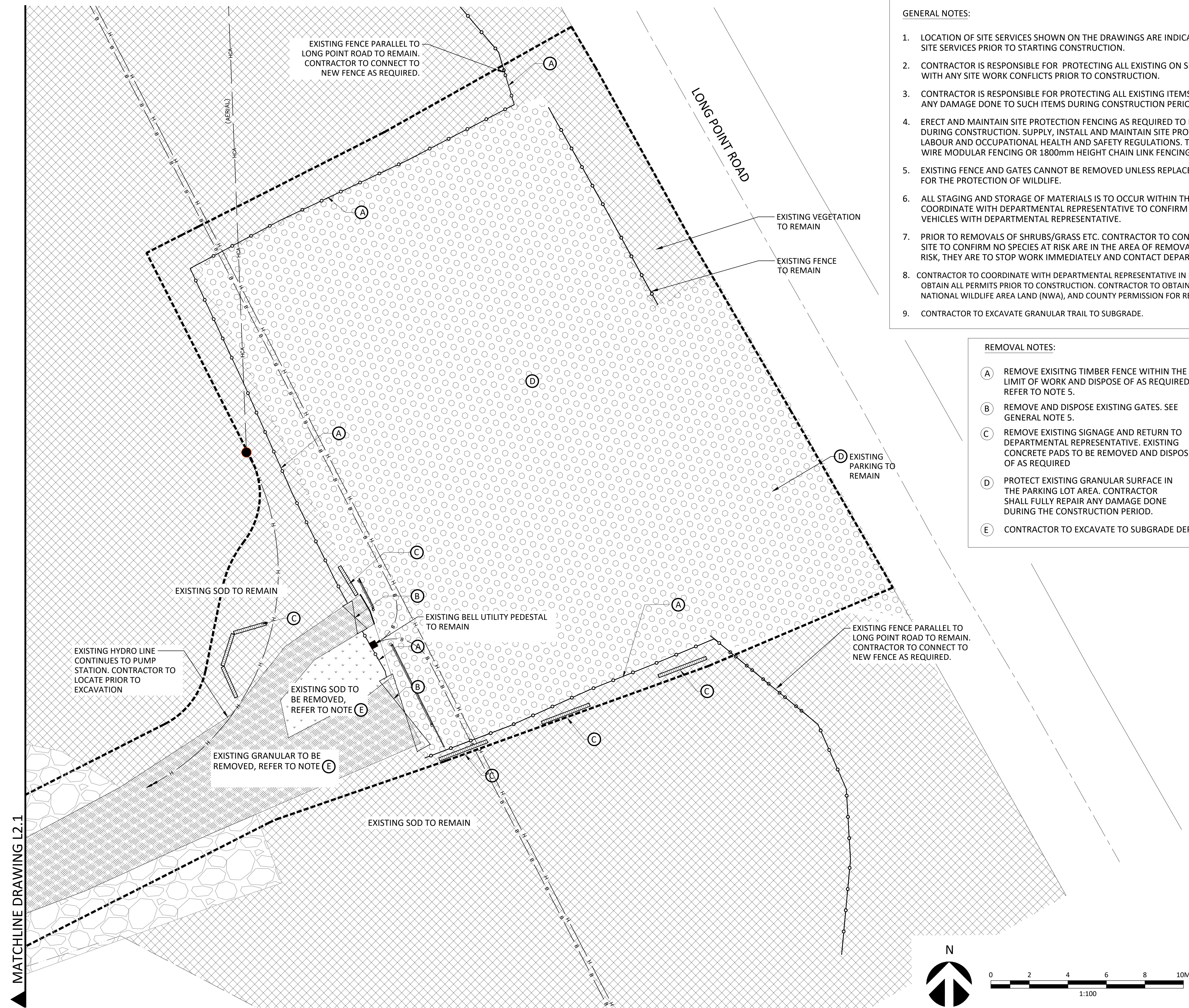
approved by
approuve par
WOOD

bid
offre
DB project manager
administrateur
de projets

project date
date du projet
AUGUST 2019

project no.
no. du projet
R.080100.001

drawing no.
dessine no.
L1.1



GENERAL NOTES:

1. LOCATION OF SITE SERVICES SHOWN ON THE DRAWINGS ARE INDICATIVE ONLY. CONTRACTOR TO VERIFY LOCATION OF ALL SITE SERVICES PRIOR TO STARTING CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING ON SITE UTILITIES. CONTACT DEPARTMENTAL REPRESENTATIVE WITH ANY SITE WORK CONFLICTS PRIOR TO CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING ITEMS THAT ARE TO REMAIN. CONTRACTOR SHALL FULLY REPAIR ANY DAMAGE DONE TO SUCH ITEMS DURING CONSTRUCTION PERIOD.
4. ERECT AND MAINTAIN SITE PROTECTION FENCING AS REQUIRED TO KEEP UNAUTHORIZED PERSONS OUT OF THE JOB SITE DURING CONSTRUCTION. SUPPLY, INSTALL AND MAINTAIN SITE PROTECTION FENCING IN ACCORDANCE WITH MINISTRY OF LABOUR AND OCCUPATIONAL HEALTH AND SAFETY REGULATIONS. THE MINIMUM REQUIREMENT IS 1800mm HEIGHT WELDED WIRE MODULAR FENCING OR 1800mm HEIGHT CHAIN LINK FENCING.
5. EXISTING FENCE AND GATES CANNOT BE REMOVED UNLESS REPLACED IMMEDIATELY WITH A NEW FENCE, THESE FENCES ARE FOR THE PROTECTION OF WILDLIFE.
6. ALL STAGING AND STORAGE OF MATERIALS IS TO OCCUR WITHIN THE EXISTING CONSTRUCTION AREA. CONTRACTOR TO COORDINATE WITH DEPARTMENTAL REPRESENTATIVE TO CONFIRM LOCATION. CONTRACTOR TO COORDINATE PARKING OF VEHICLES WITH DEPARTMENTAL REPRESENTATIVE.
7. PRIOR TO REMOVALS OF SHRUBS/GRASS ETC. CONTRACTOR TO CONTACT DEPARTMENTAL REPRESENTATIVE TO REVIEW THE SITE TO CONFIRM NO SPECIES AT RISK ARE IN THE AREA OF REMOVALS. IF THE CONTRACTOR ENCOUNTERS ANY SPECIES AT RISK, THEY ARE TO STOP WORK IMMEDIATELY AND CONTACT DEPARTMENTAL REPRESENTATIVE.
8. CONTRACTOR TO COORDINATE WITH DEPARTMENTAL REPRESENTATIVE IN REGARDS TO CONSTRUCTION PERMITS. CONTRACTOR TO OBTAIN ALL PERMITS PRIOR TO CONSTRUCTION. CONTRACTOR TO OBTAIN A CANADA WILD LIFE PERMIT (CWA) FOR ANY WORK ON NATIONAL WILDLIFE AREA LAND (NWA), AND COUNTY PERMISSION FOR REMOVALS ON COUNTY LAND.
9. CONTRACTOR TO EXCAVATE GRANULAR TRAIL TO SUBGRADE.

REMOVAL NOTES:

- (A) REMOVE EXISTING TIMBER FENCE WITHIN THE LIMIT OF WORK AND DISPOSE OF AS REQUIRED. REFER TO NOTE 5.
- (B) REMOVE AND DISPOSE EXISTING GATES. SEE GENERAL NOTE 5.
- (C) REMOVE EXISTING SIGNAGE AND RETURN TO DEPARTMENTAL REPRESENTATIVE. EXISTING CONCRETE PADS TO BE REMOVED AND DISPOSED OF AS REQUIRED
- (D) PROTECT EXISTING GRANULAR SURFACE IN THE PARKING LOT AREA. CONTRACTOR SHALL FULLY REPAIR ANY DAMAGE DONE DURING THE CONSTRUCTION PERIOD.
- (E) CONTRACTOR TO EXCAVATE TO SUBGRADE DEPTH

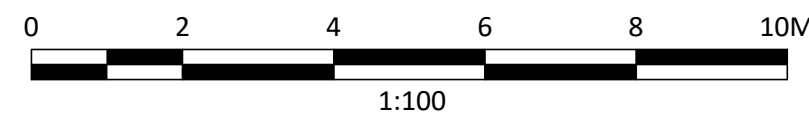
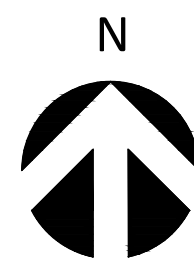
LEGEND:

- LIMIT OF WORK
- - - TOPOGRAPHIC CONTOUR LINE
- - - EXISTING EDGE OF WATER
- ◆ EXISTING BELL UTILITY PEDESTAL
- EXISTING HYDRO POLE
- ▤ EXISTING SIGNAGE
- EXISTING FENCE
- ◇ EXISTING GATE
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- ▤ EXISTING SOD
- ▤ EXISTING RIP-RAP
- ▤ NEW FENCE
- ▤ NEW SIGNAGE
- ▤ NEW BENCH
- ▤ NEW TRAIL, GRANULAR SURFACE
- ▤ NEW TOP SOIL
- + N XXXXXXXX E XXXXXXXX NORTHING & EASTING
- #% DIRECTION OF SLOPE
- F.G FINISH GRADE
- E.G EXISTING GRADE

MATCHLINE DRAWING L2.1

1 PARKING LOT AND MAIN ENTRANCE

SCALE: 1:100

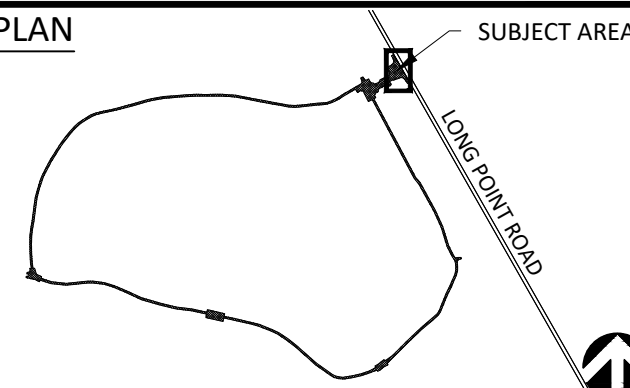


Public Works and
Government Services Canada
Travaux publics et
Services gouvernementaux Canada

wood.

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51 Wolseley Street Toronto Ontario Canada M5T 1A4
Tel: (416) 445-7033 Fax: (416) 445-7046 Web: www.elsoc.ca Email: info@elsoc.ca

KEY PLAN



revision	status	date
01	ISSUED FOR TENDER	AUG. 09 2019

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**BIG CREEK NATIONAL
WILDLIFE AREA
VISITOR'S EXPERIENCE
IMPROVEMENT**

drawing title
titre du dessin
**REMOVALS PLAN
(1of2)**

drawn by
dessine par
RJ,JB,LB

designed by
conc par
RJ

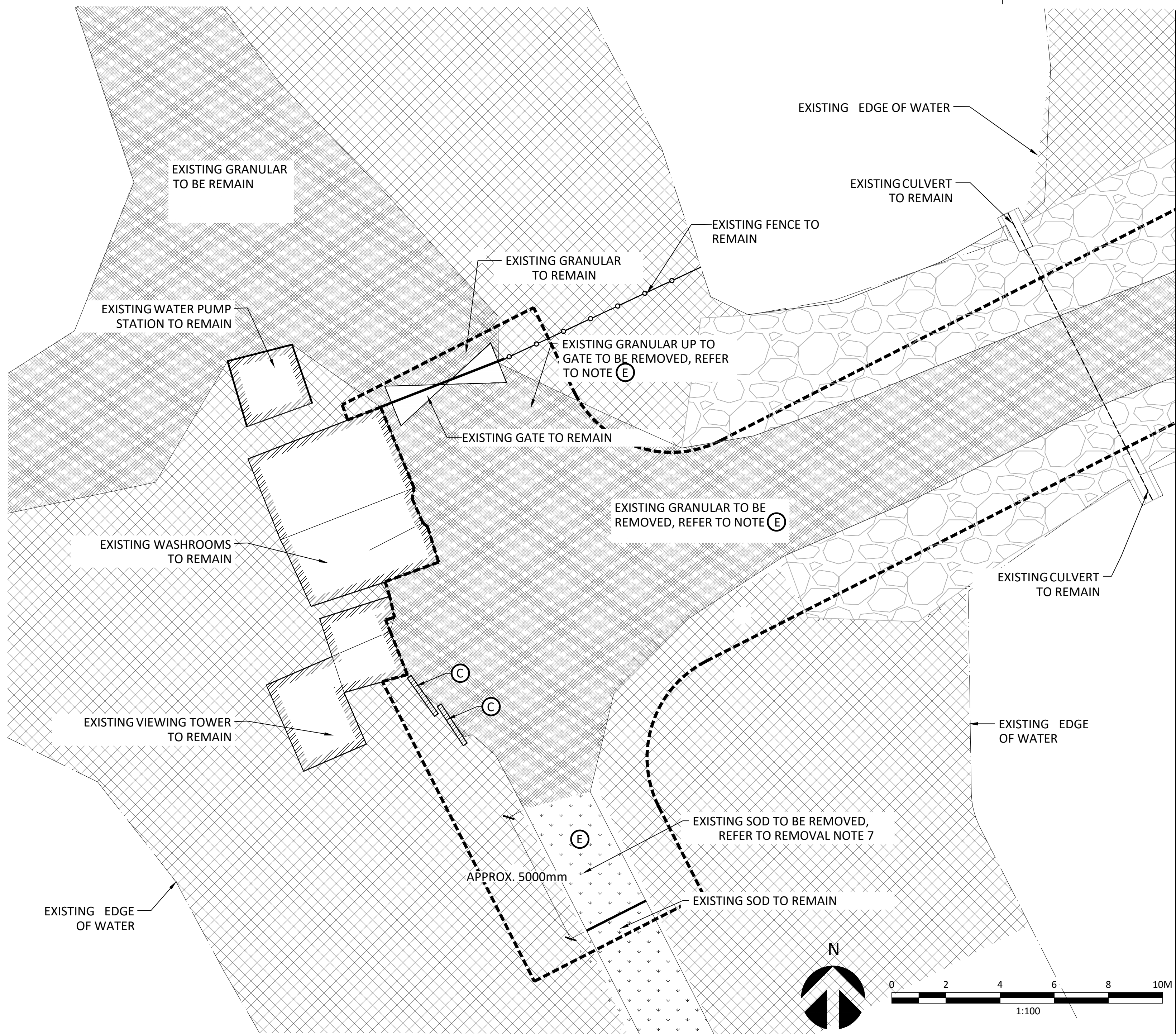
approved by
approuve par
WOOD

bid
offre
DB project manager
administrateur
de projets

project date
date du projet
AUGUST 2019

project no.
no. du projet
R.080100.001

drawing no.
dessine no.
L2.0



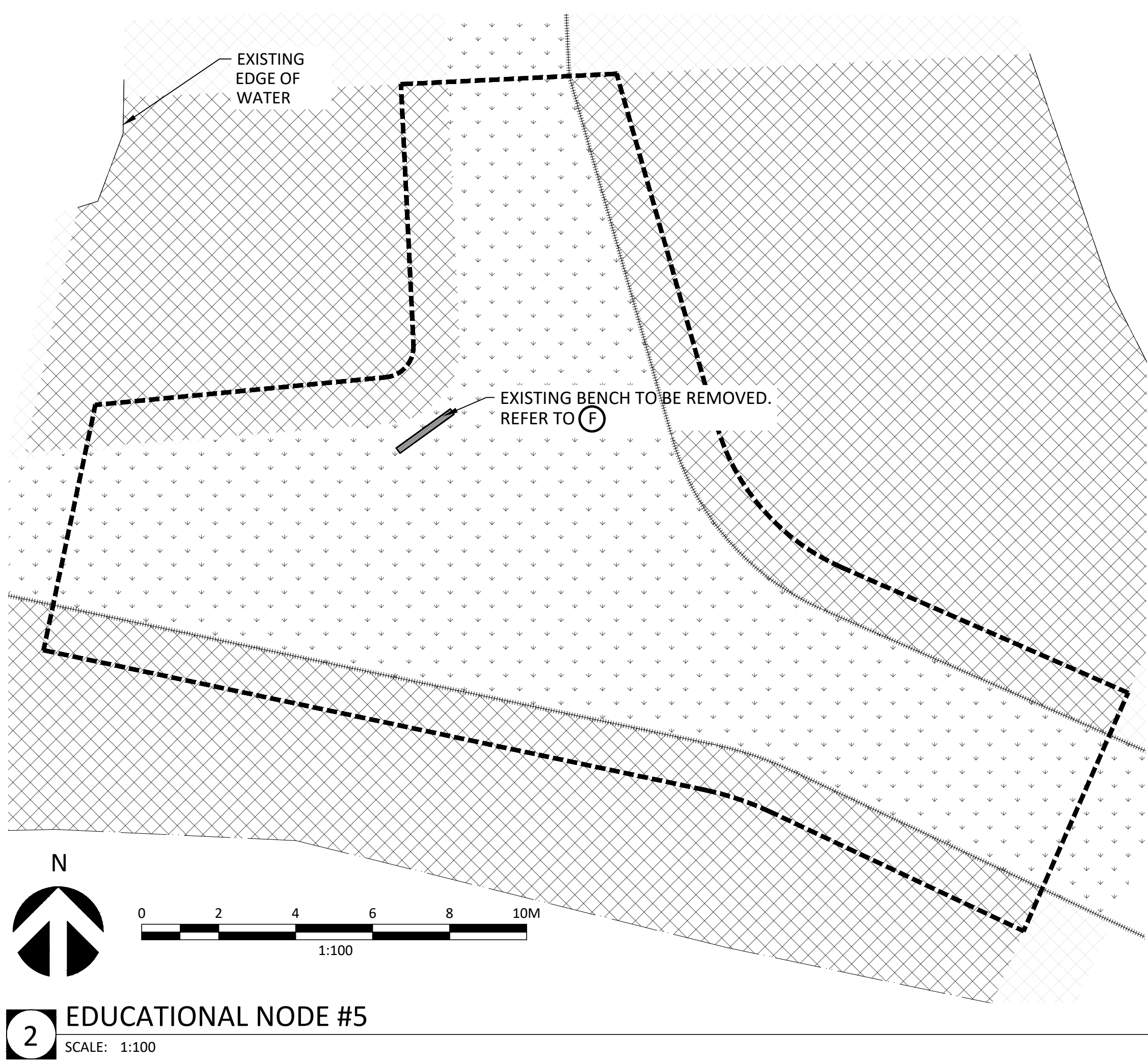
1 VIEWING TOWER, EDUCATIONAL NODE #1 AND TRAIL
SCALE: 1:100

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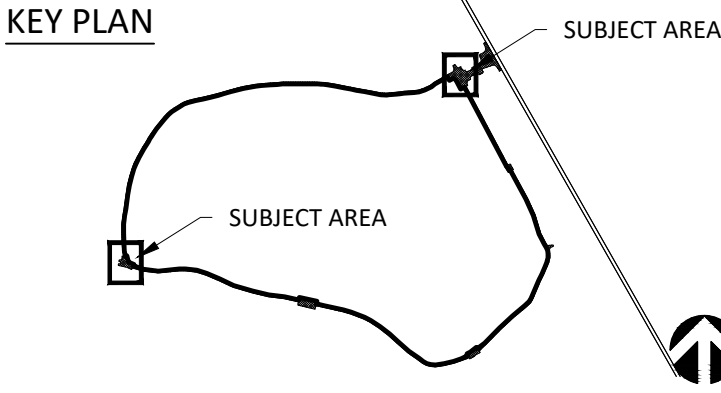
REMOVAL NOTES:

- C** REMOVE EXISTING SIGNAGE AND RETURN TO DEPARTMENTAL REPRESENTATIVE. EXISTING CONCRETE PADS TO BE REMOVED AND DISPOSED OF AS REQUIRED
- E** CONTRACTOR TO EXCAVATE TO SUBGRADE DEPTH
- F** REMOVE EXISTING BENCH



2 EDUCATIONAL NODE #5
SCALE: 1:100

LEGEND:		
	LIMIT OF WORK	
	TOPOGRAPHIC CONTOUR LINE	
	EXISTING EDGE OF WATER	
	EXISTING BELL UTILITY PEDESTAL	
	EXISTING HYDRO POLE	
	EXISTING SIGNAGE	
	EXISTING FENCE	
	EXISTING GATE	
	EXISTING EDGE OF DIKE	
	EXISTING HYDRO UTILITY	
	EXISTING BELL UTILITY	
	EXISTING HYDRO (AERIAL) UTILITY	
	EXISTING PARKING (GRANULAR SURFACE)	
	EXISTING TRAIL -GRANULAR SURFACE	
	EXISTING SCRUB	
	EXISTING SOD	
	EXISTING RIP-RAP	
	NEW FENCE	
	NEW SIGNAGE	
	NEW BENCH	
	NEW TRAIL, GRANULAR SURFACE	
	NEW TOP SOIL	
	NORTHING & EASTING	
	DIRECTION OF SLOPE	
	FINISH GRADE	
	EXISTING GRADE	



revision	status	date
01	ISSUED FOR TENDER	AUG. 09 2019

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project title
titre du projet
BIG CREEK NATIONAL WILDLIFE AREA VISITOR'S EXPERIENCE IMPROVEMENT

drawing title
titre du dessin
REMOVALS PLAN (2of2)

drawn by
dessiné par
RJ,JB,LB

designed by
conçu par
RJ

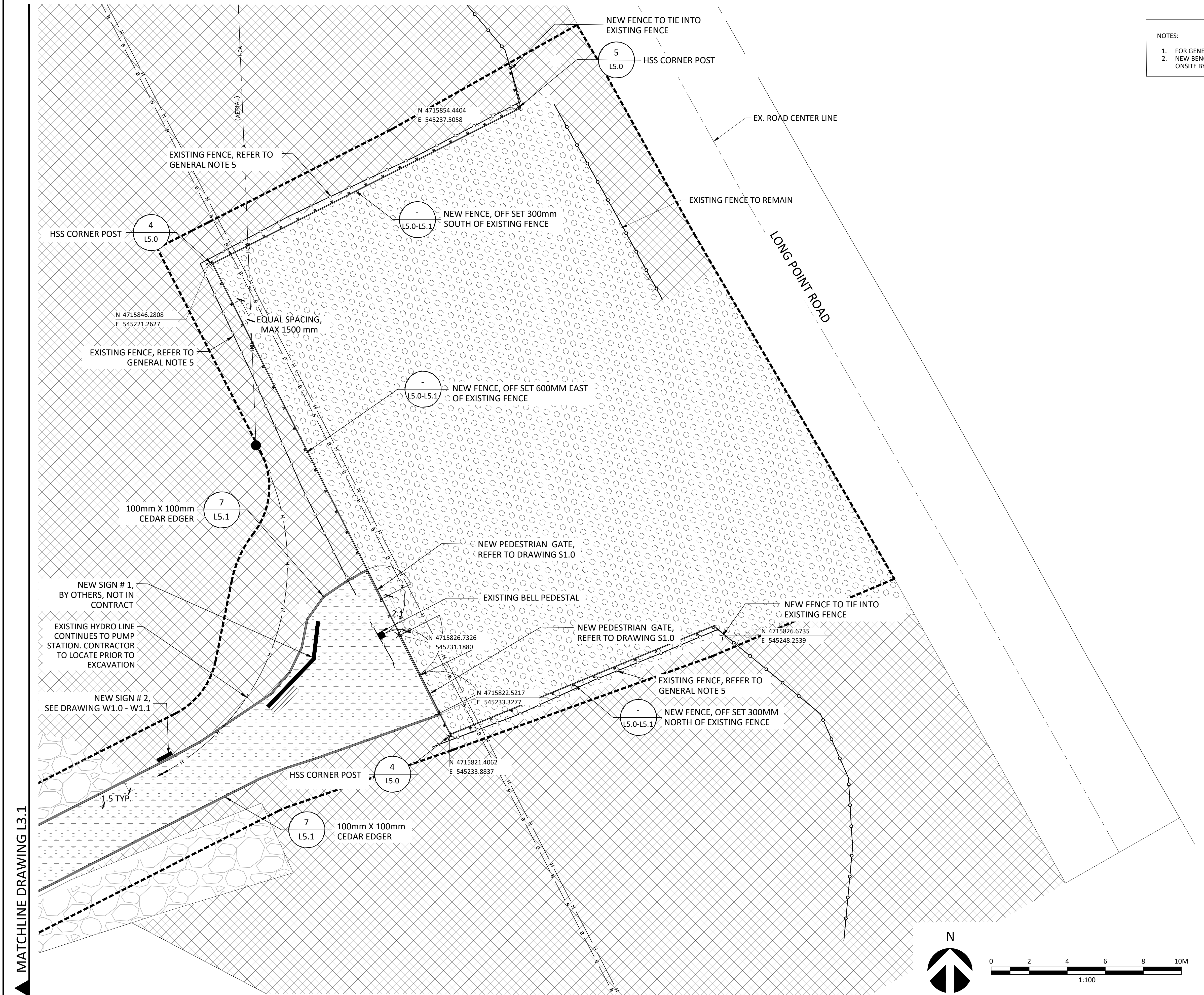
approved by
approuvé par
WOOD

bid
offre
DB project manager
administrateur de projets

project date
date du projet
AUGUST 2019

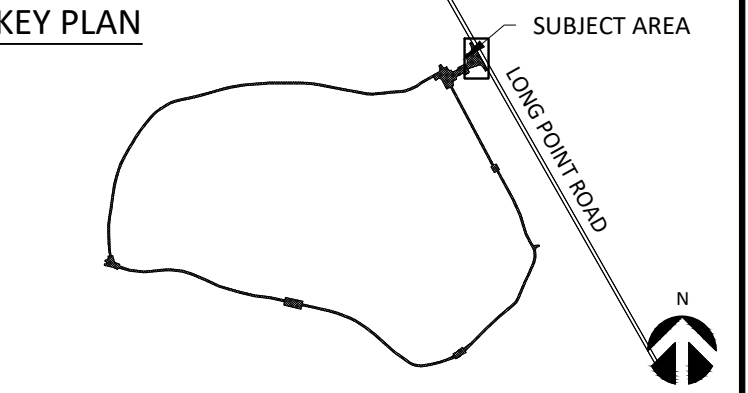
project no.
no. du projet
R.080100.001

drawing no.
dessiné no.
L2.1



- NOTES:
1. FOR GENERAL NOTES REFER TO DRAWING L2.0
 2. NEW BENCH AND SIGN LOCATION AND LAYOUT TO BE DETERMINED ONSITE BY CLIENT.

- LEGEND:
- LIMIT OF WORK
 - TOPOGRAPHIC CONTOUR LINE
 - EXISTING EDGE OF WATER
 - EXISTING BELL UTILITY PEDESTAL
 - EXISTING HYDRO POLE
 - EXISTING SIGNAGE
 - EXISTING FENCE
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 - EXISTING SOD
 - EXISTING RIP-RAP
 - NEW FENCE
 - NEW SIGNAGE
 - NEW BENCH
 - NEW TRAIL, GRANULAR SURFACE
 - NEW TOP SOIL
 - NORTHING & EASTING
 - DIRECTION OF SLOPE
 - F.G FINISH GRADE
 - E.G EXISTING GRADE



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**BIG CREEK NATIONAL
WILDLIFE AREA
VISITOR'S EXPERIENCE
IMPROVEMENT**

drawing title
titre du dessin
**MATERIALS & LAYOUT PLAN
(1of3)**

drawn by
dessiné par
RJ,JB,LB

designed by
conç par
RJ

approved by
approuvé par
WOOD

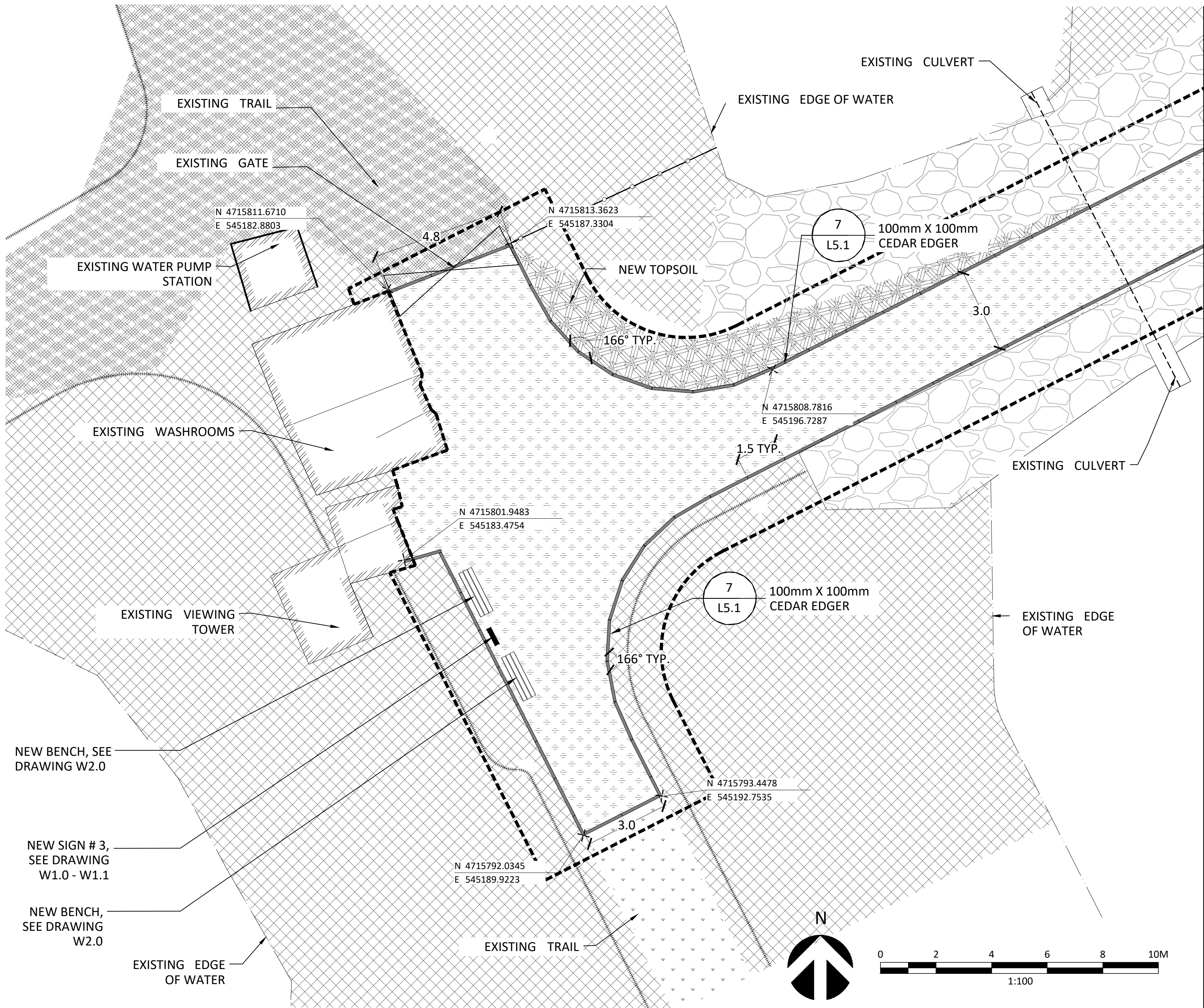
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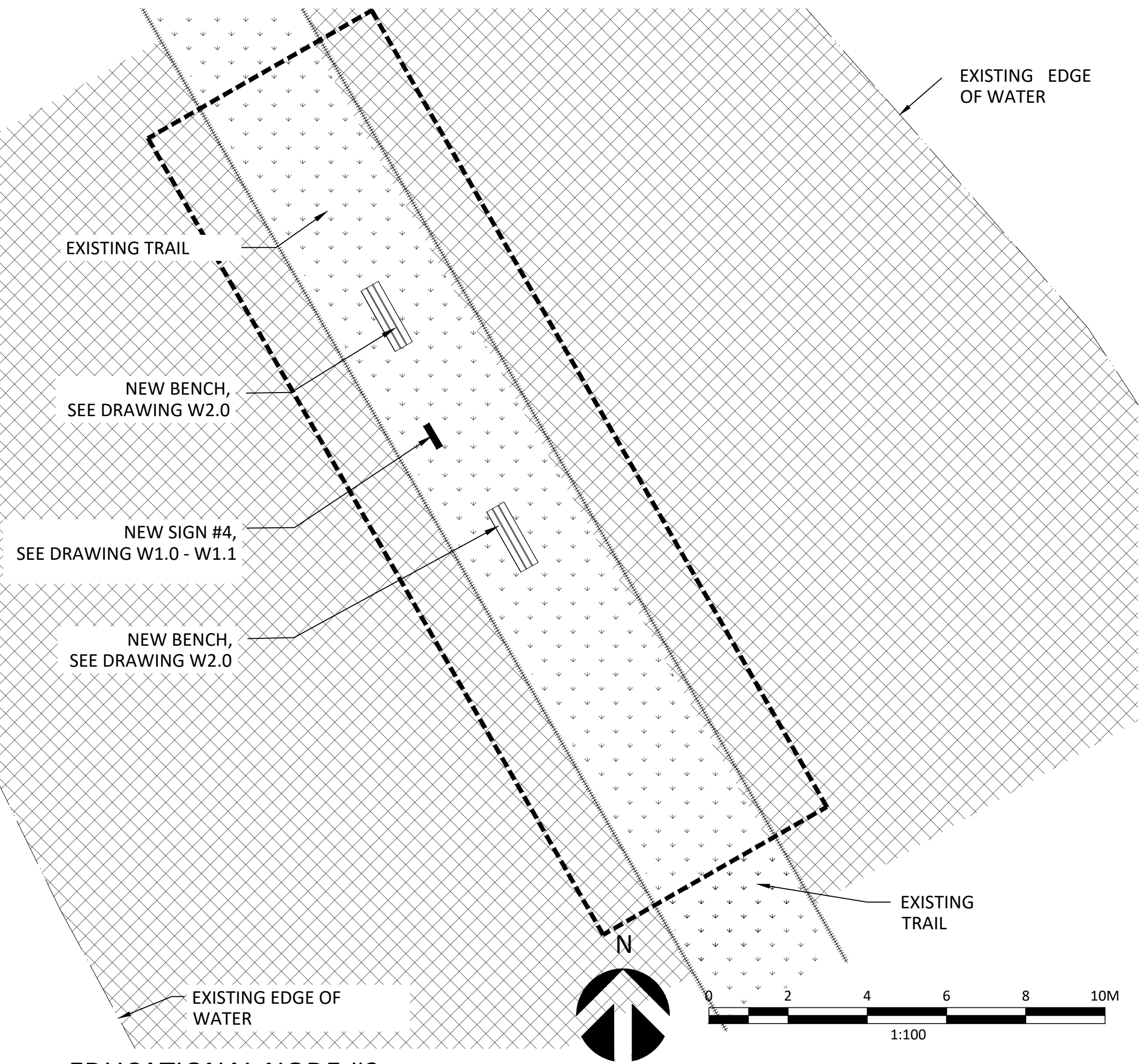
drawing no.
dessiné no.
L3.0

1 PARKING LOT AND MAIN ENTRANCE
SCALE: 1:100



1 VIEWING TOWER, EDUCATIONAL NODE #1 AND TRAIL
SCALE: 1:100

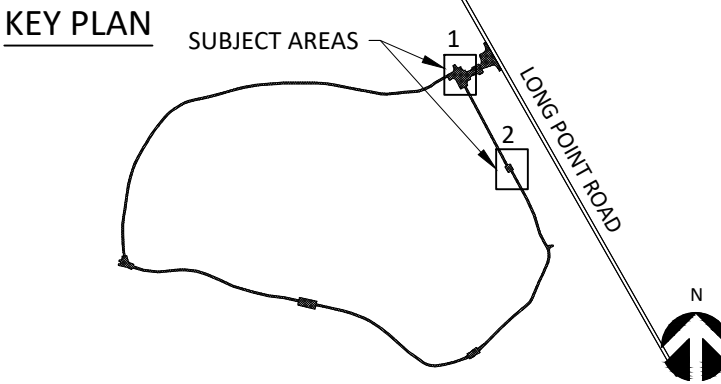
MATCHLINE DRAWING L3.0



2 EDUCATIONAL NODE #2
SCALE: 1:100

- LEGEND:**
- LIMIT OF WORK
 - - - TOPOGRAPHIC CONTOUR LINE
 - - - EXISTING EDGE OF WATER
 - ◆ EXISTING BELL UTILITY PEDESTAL
 - EXISTING HYDRO POLE
 - ===== EXISTING SIGNAGE
 - EXISTING FENCE
 - ◇ EXISTING GATE
 - ===== EXISTING EDGE OF DIKE
 - H — EXISTING HYDRO UTILITY
 - B — EXISTING BELL UTILITY
 - HCA — EXISTING HYDRO (AERIAL) UTILITY
 - ○ ○ ○ ○ EXISTING PARKING (GRANULAR SURFACE)
 - ▨ EXISTING TRAIL -GRANULAR SURFACE
 - ▩ EXISTING SCRUB
 - ▽ ▽ ▿ EXISTING SOD
 - ○ ○ ○ ○ EXISTING RIP-RAP
 - NEW FENCE
 - NEW SIGNAGE
 - NEW BENCH
 - ○ ○ ○ ○ NEW TRAIL, GRANULAR SURFACE
 - ▨ NEW TOP SOIL
 - N XXXXXXX
E XXXXXXX NORTHING & EASTING
 - #% — DIRECTION OF SLOPE
 - F.G FINISH GRADE
 - E.G EXISTING GRADE

- NOTES:**
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IMPROVEMENT**

drawing title
titre du dessin
**MATERIALS & LAYOUT PLAN
(2 of 3)**

drawn by
dessiné par
RJ,JB,LB

designed by
conçu par
RJ

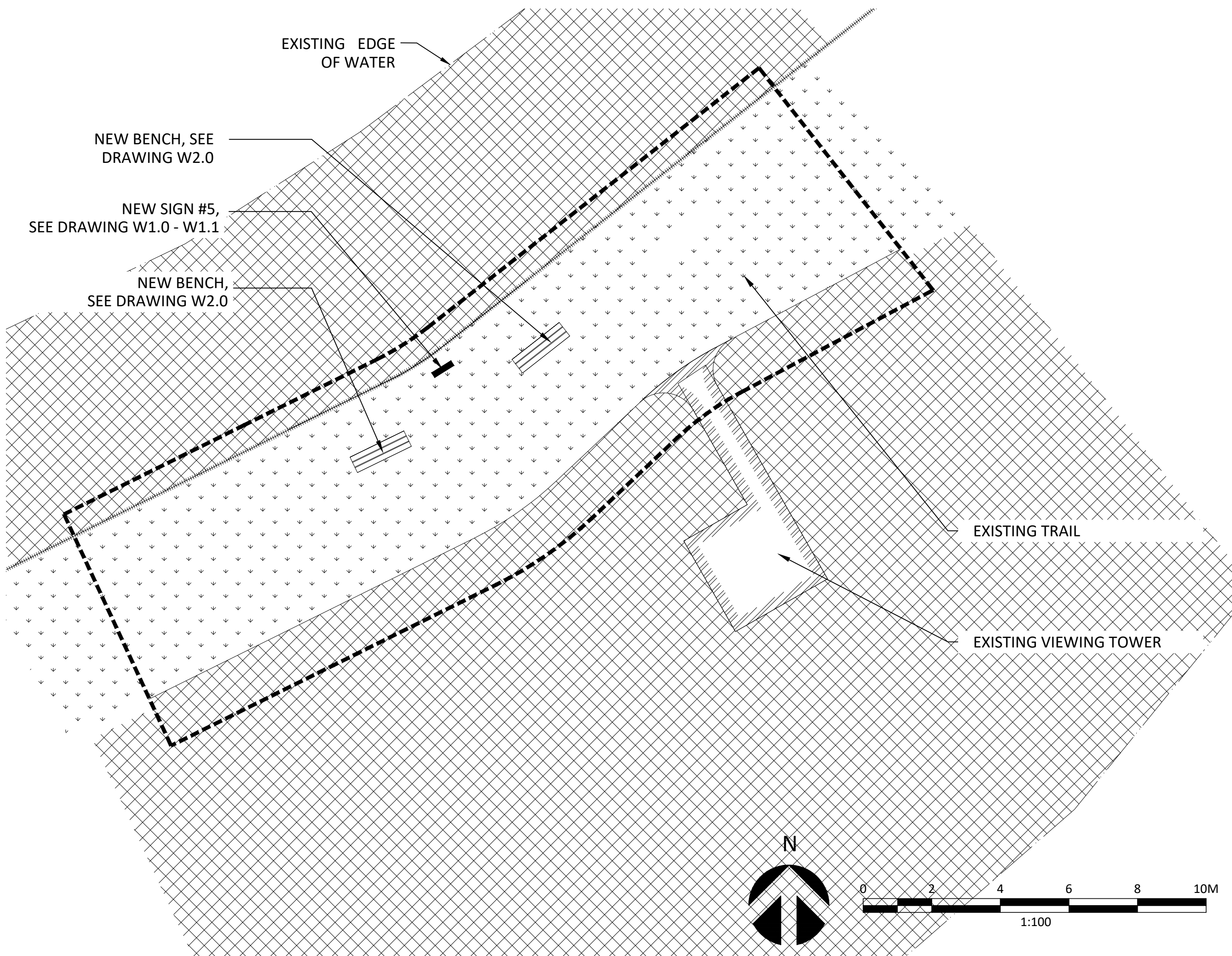
approved by
approuvé par
WOOD

bid
offre
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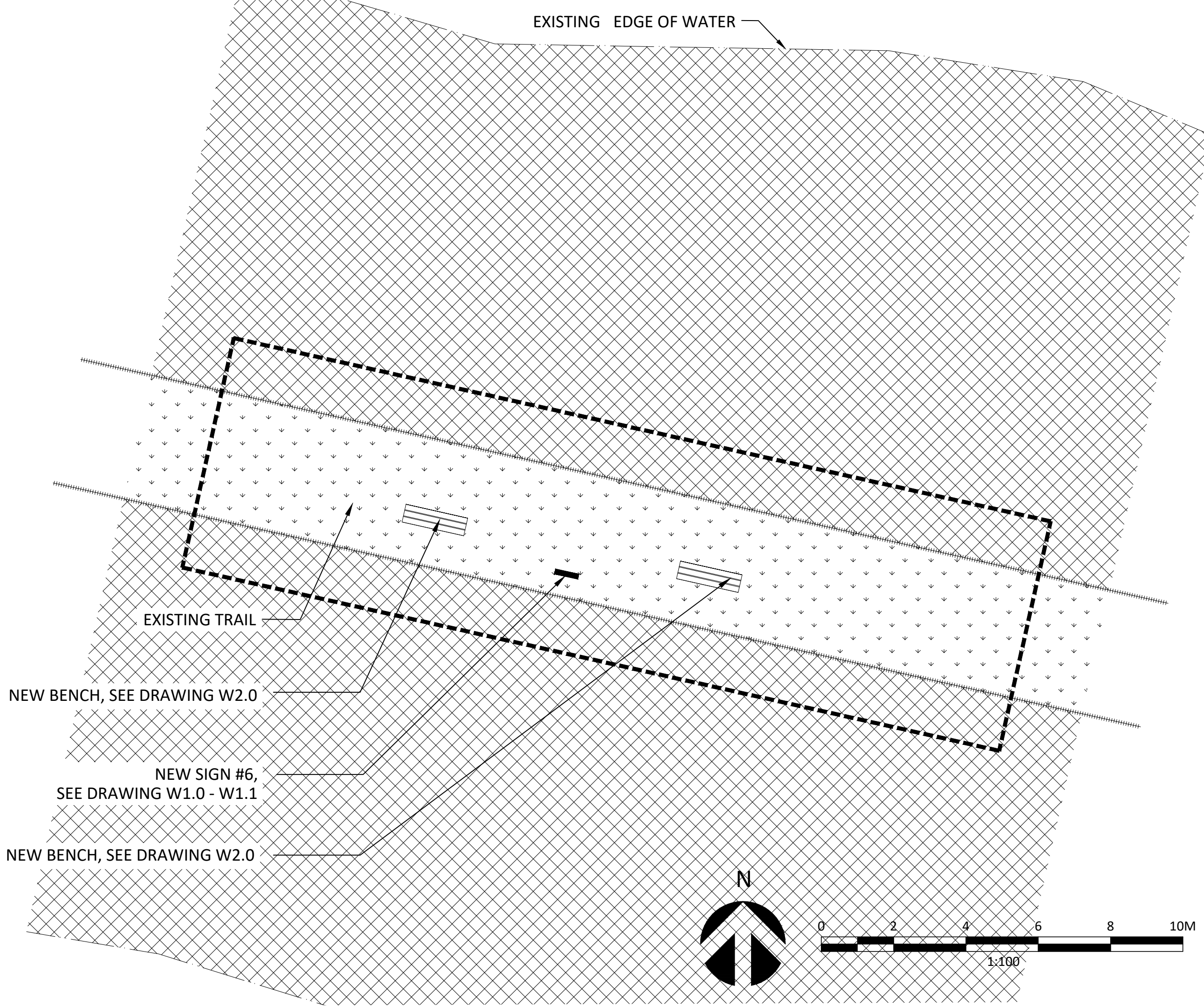
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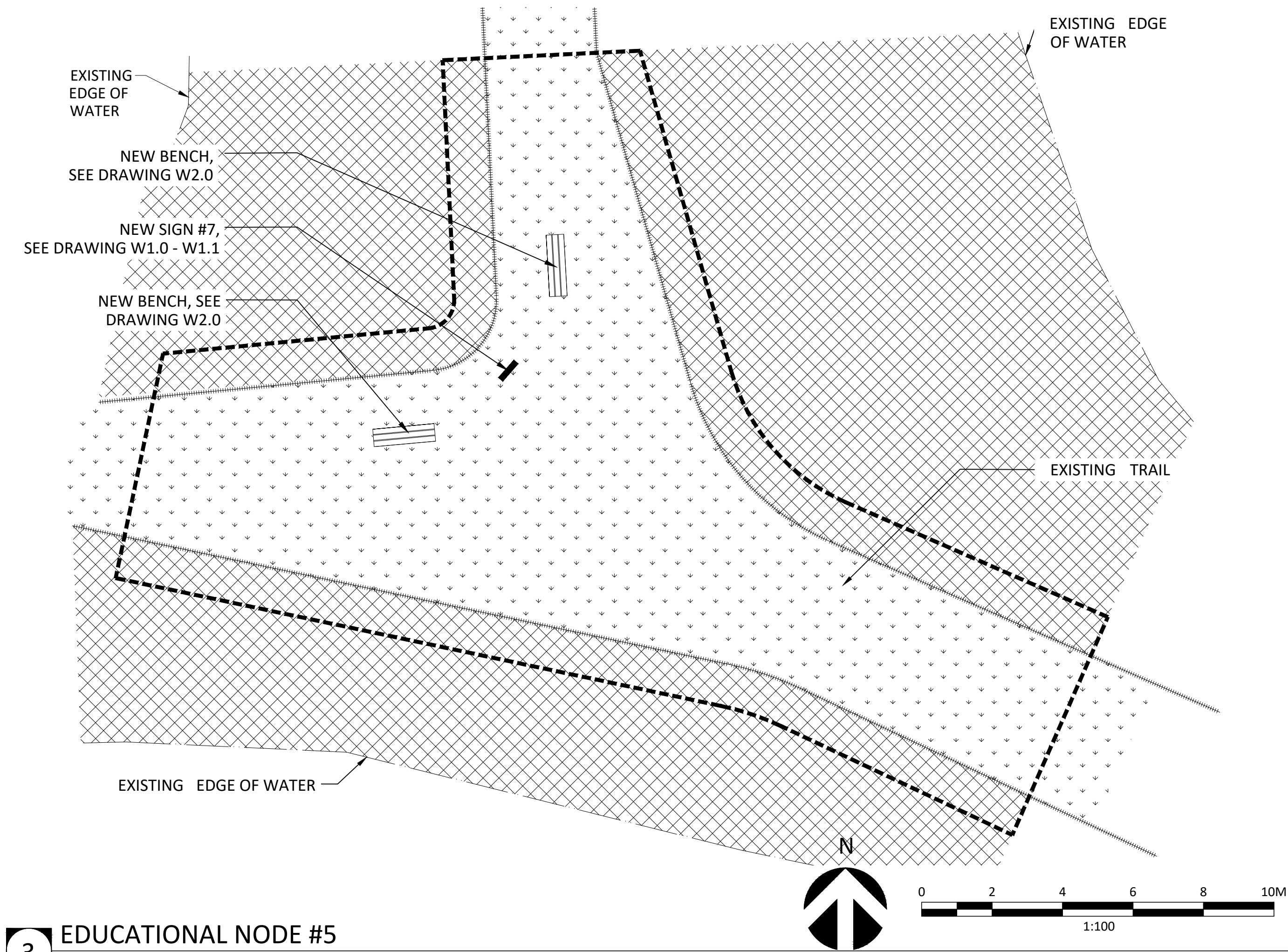
drawing no.
dessiné no.
L3.1



1 VIEWING TOWER, EDUCATIONAL NODE #3 AND TRAIL
SCALE: 1:100



2 EDUCATIONAL NODE #4
SCALE: 1:100



3 EDUCATIONAL NODE #5
SCALE: 1:100

LEGEND:		
	LIMIT OF WORK	
	TOPOGRAPHIC CONTOUR LINE	
	EXISTING EDGE OF WATER	
	EXISTING BELL UTILITY PEDESTAL	
	EXISTING HYDRO POLE	
	EXISTING SIGNAGE	
	EXISTING FENCE	
	EXISTING GATE	
	EXISTING EDGE OF DIKE	
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	EXISTING BELL UTILITY	
	EXISTING HYDRO (AERIAL) UTILITY	
	EXISTING PARKING (GRANULAR SURFACE)	
	EXISTING TRAIL - GRANULAR SURFACE	
	EXISTING SCRUB	
	EXISTING SOD	
	EXISTING RIP-RAP	
	NEW FENCE	
	NEW SIGNAGE	
	NEW BENCH	
	NEW TRAIL, GRANULAR SURFACE	
	NEW TOP SOIL	
	NORTHING & EASTING	
	DIRECTION OF SLOPE	
F.G	FINISH GRADE	
E.G	EXISTING GRADE	

- NOTES:
- FOR GENERAL NOTES REFER TO DRAWING L2.0
 - NEW BENCH AND SIGN LOCATION AND LAYOUT TO BE DETERMINED ONSITE BY CLIENT.

Public Works and
Government Services Canada
Travaux publics et
Services gouvernementaux Canada

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KEY PLAN

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IMPROVEMENT

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MATERIALS & LAYOUT PLAN
(3 of 3)

drawn by
dessiné par

RJ,JB,LB

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RJ

approved by
approuvé par

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drawing no.
dessiné no.

L3.2

GSC-A1

DATE PLOTTED: 8/21/2019 10:20 AM CAD FILE: Z:\Active Clients\AMEC - Wood PLC\19-323 Big Creek Updated Landscape Package\6_CAD\Working Drawings\2019 07 30 cd package UPDATE\17-045 BCNWA VEL_L3.0_MATERIAL_PLAN_ELAC_metre.dwg BY: Lacey Barr

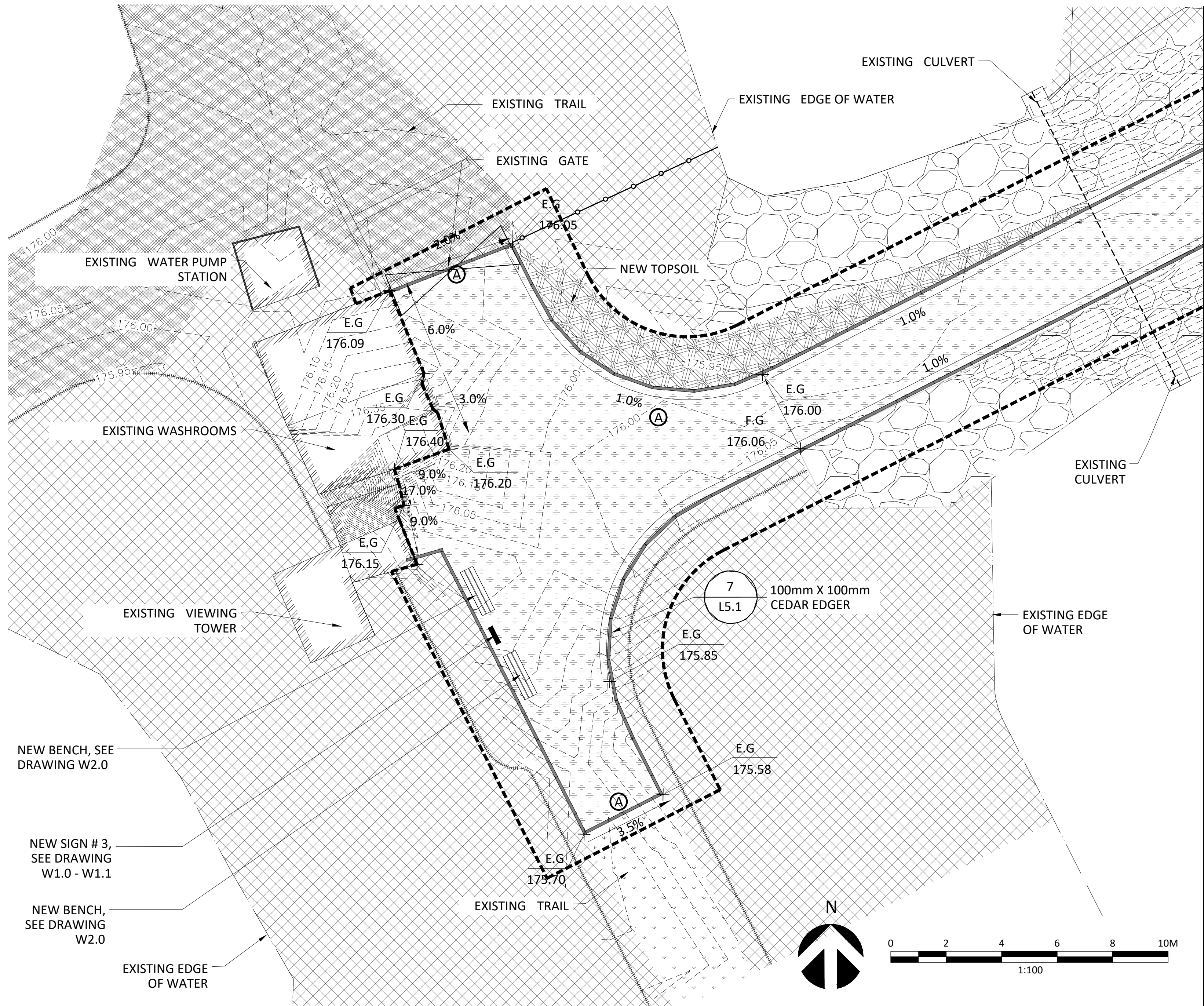
Ⓐ CONTRACTOR TO MATCH EXISTING GRADE

	LIMIT OF WORK
	TOPOGRAPHIC CONTOUR LINE
	EXISTING EDGE OF WATER
	EXISTING BELL UTILITY PEDESTAL
	EXISTING HYDRO POLE
	EXISTING SIGNAGE
	EXISTING FENCE
	EXISTING GATE
	EXISTING EDGE OF DIKE
	EXISTING HYDRO UTILITY
	EXISTING BELL UTILITY
	EXISTING HYDRO (AERIAL) UTILITY
	EXISTING PARKING (GRANULAR SURFACE)
	EXISTING TRAIL -GRANULAR SURFACE
	EXISTING SCRUB
	EXISTING SOD
	EXISTING RIP-RAP
	NEW FENCE
	NEW SIGNAGE
	NEW BENCH
	NEW TRAIL, GRANULAR SURFACE
	NEW TOP SOIL
	NORTHING & EASTING
	DIRECTION OF SLOPE
F.G	FINISH GRADE
E.G	EXISTING GRADE

MATCHLINE DRAWING L3.1

1 PARKING LOT AND MAIN ENTRANCE

GSC-A1 DATE PLOTTED: 8/21/2019 10:21 AM CAD FILE: Z:\Active Clients\AMEC - Wood PLC\19-323 Big Creek Updated Landscape Package\6_CAD\Working Drawings\2019 07 30 cd package UPDATE\17-045 BCNWA VEI\L4.0_GRADING & DRAINAGE
PLAN_ELAC_metre.dwg BY: Lacey Barr



1 VIEWING TOWER, EDUCATIONAL NODE #1 AND TRAIL
SCALE: 1:100

GRADING NOTES:

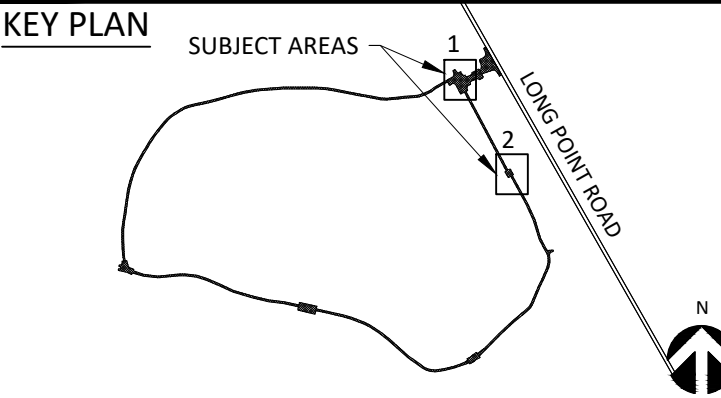
1. CONTRACTOR TO ENSURE POSITIVE DRAINAGE FOR ENTIRE EXTENT OF PROJECT AREA.
2. CONTRACTOR TO CONFIRM ALL ON-SITE GRADES AND EXISTING UTILITIES PRIOR TO CONSTRUCTION.

DRAINAGE NOTES

- (A)** CONTRACTOR TO MATCH EXISTING GRADE

LEGEND:

- (thick dashed)** LIMIT OF WORK
- - - (thin dashed)** TOPOGRAPHIC CONTOUR LINE
- - - (dotted)** EXISTING EDGE OF WATER
- ◆ (filled diamond)** EXISTING BELL UTILITY PEDESTAL
- (filled circle)** EXISTING HYDRO POLE
- ===== (dashed line with cross-ticks)** EXISTING SIGNAGE
- (line with open circles)** EXISTING FENCE
- ⌵ (inverted V)** EXISTING GATE
- ===== (dashed line with cross-ticks)** EXISTING EDGE OF DIKE
- H— (line with H)** EXISTING HYDRO UTILITY
- B— (line with B)** EXISTING BELL UTILITY
- HCA— (line with HCA)** EXISTING HYDRO (AERIAL) UTILITY
- (circles)** EXISTING PARKING (GRANULAR SURFACE)
- ▨ (diagonal lines)** EXISTING TRAIL -GRANULAR SURFACE
- ▩ (cross-hatch)** EXISTING SCRUB
- ⬢ (diamonds)** EXISTING SOD
- ▧ (stippled)** EXISTING RIP-RAP
- (thick solid)** NEW FENCE
- ▨ (diagonal lines)** NEW SIGNAGE
- ▩ (cross-hatch)** NEW BENCH
- ▨ (diagonal lines)** NEW TRAIL, GRANULAR SURFACE
- ▩ (cross-hatch)** NEW TOP SOIL
- + N xxxxxx E xxxxxx** NORTHING & EASTING
- #%** DIRECTION OF SLOPE
- F.G** FINISH GRADE
- E.G** EXISTING GRADE



revision	status	date
01	ISSUED FOR TENDER	AUG. 09 2019

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project title
titre du projet
BIG CREEK NATIONAL WILDLIFE AREA VISITOR'S EXPERIENCE IMPROVEMENT

drawing title
titre du dessin
GRADING & DRAINAGE (2 or 2)

drawn by
dessine par
RJ,JB,LB

designed by
conc par
RJ

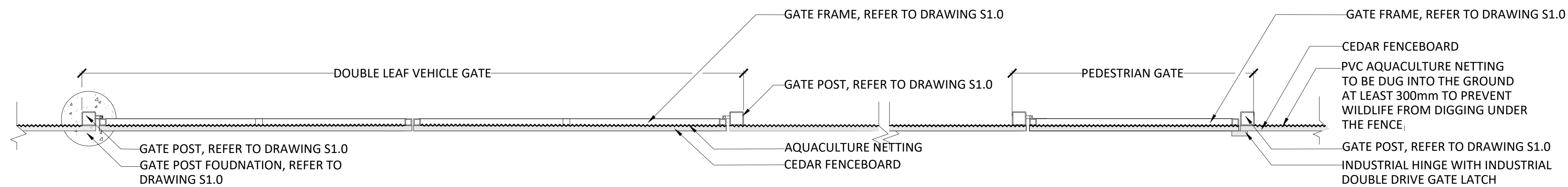
approved by
approuve par
WOOD

bid
offre
DB project manager
administrateur de projets

project date
date du projet
AUGUST 2019

project no.
no. du projet
R.080100.001

drawing no.
dessine no.
L4.1

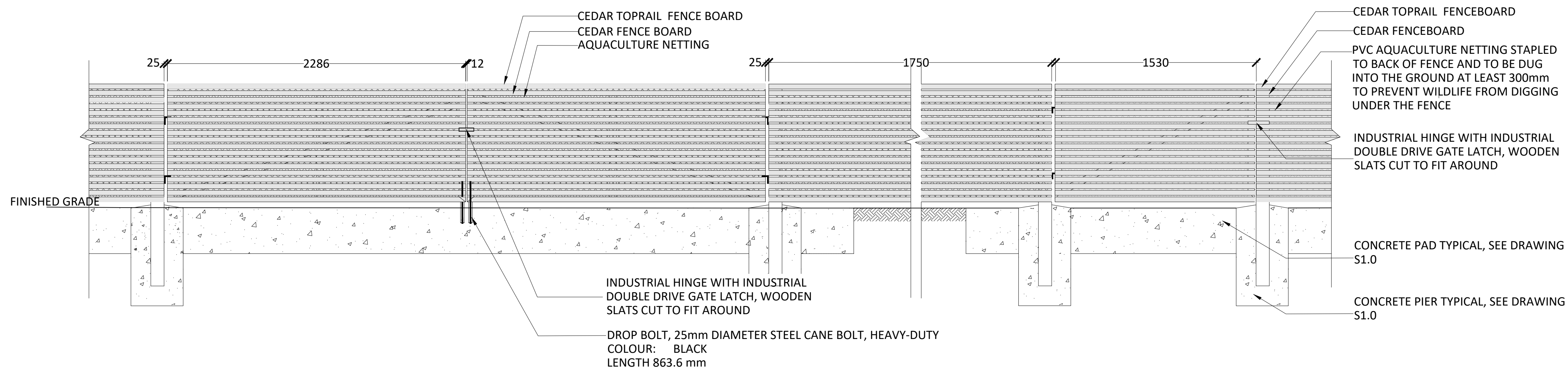


NOTES:

- CONTRACTOR TO SUBMIT COMPLETE SHOP DRAWINGS FOR ALL PEDESTRIAN/VEHICULAR GATE & FENCE CONNECTIONS, FRAMING, HINGES, LATCHES & ALUMINUM AND VINYL DOOR SWEEP.

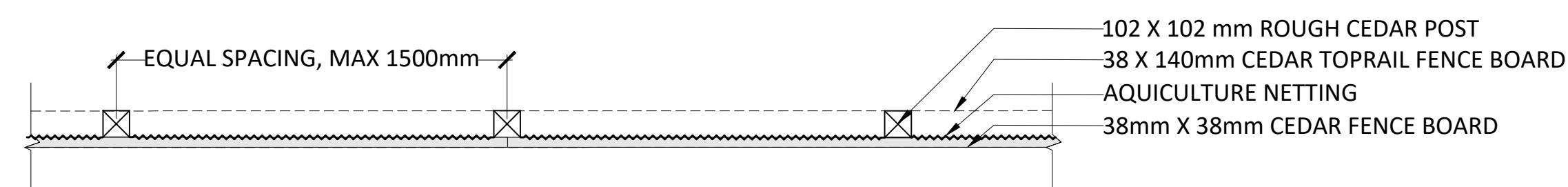
1 VEHICULAR AND PEDESTRIAN GATES - PLAN

SCALE: 1:20



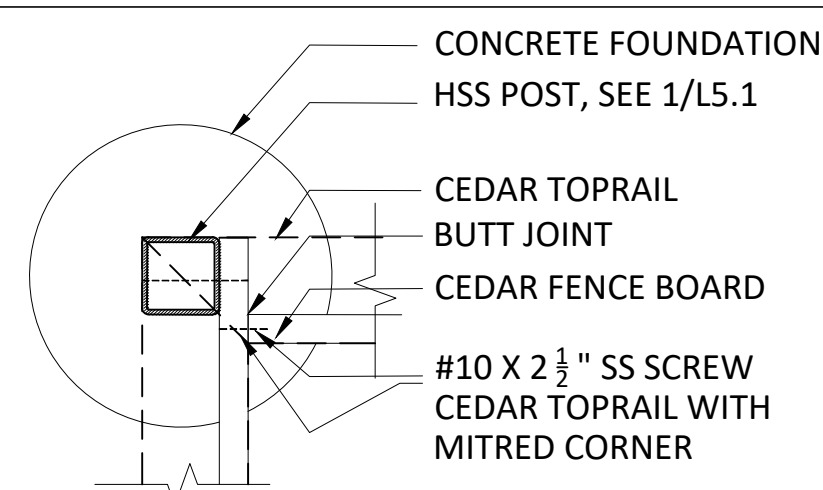
2 VEHICULAR AND PEDESTRIAN GATES - SECTION-ELEVATION

SCALE: 1:20



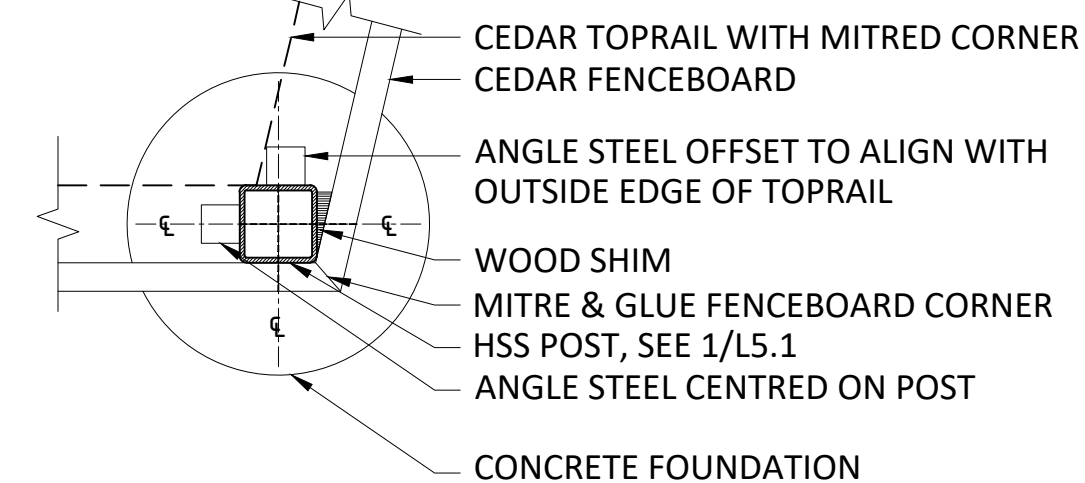
3 TYPICAL FENCE - PLAN

SCALE: 1:10



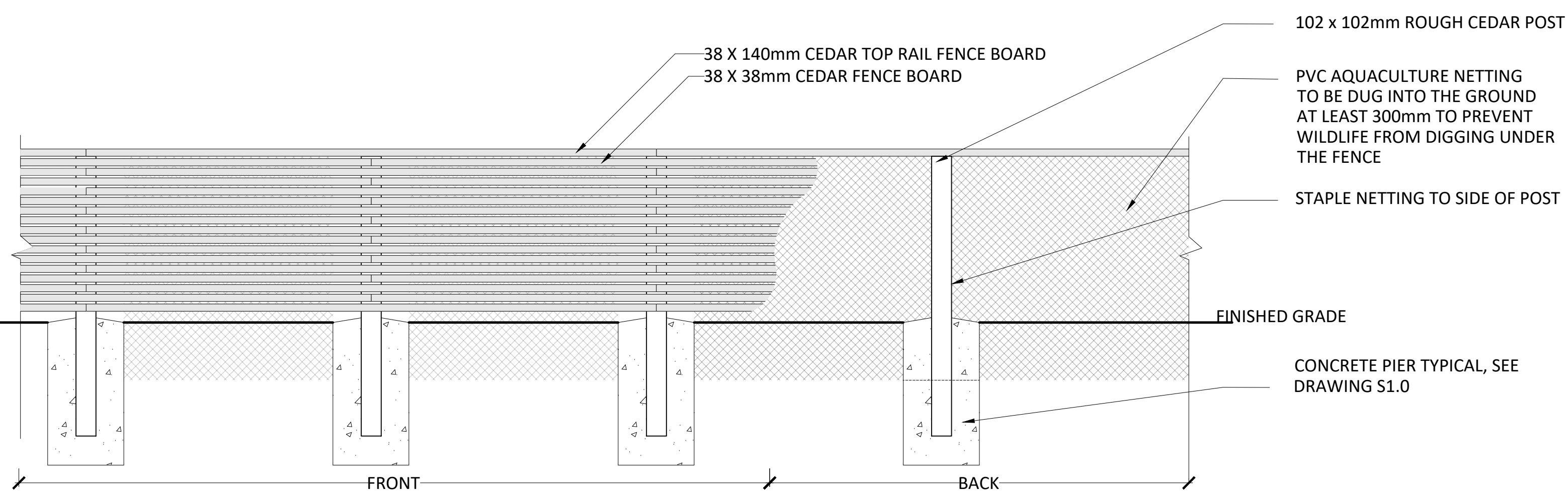
4 90° CORNER POST PLAN

SCALE: 1:10



5 NORTHEAST CORNER POST PLAN

SCALE: 1:10



6 TYPICAL FENCE - SECTION-ELEVATION

SCALE: 1:10



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Government Services Canada
Travaux publics et
Services gouvernementaux Canada

wood.

**LEFS
ASSOCIATES**
Landscape Architects
51 Wolseley Street Toronto Ontario Canada M5T 1A4
Tel: (416) 445-7033 Fax: (416) 445-7046 Web: www.elfac.ca Email: info@elfac.ca



revision	status	date
01	ISSUED FOR TENDER	AUG. 09 2019

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project title
titre du projet

**BIG CREEK NATIONAL
WILDLIFE AREA
VISITOR'S EXPERIENCE
IMPROVEMENT**

drawing title
titre du dessin

**CONSTRUCTION DETAILS-
GATE & FENCE**

drawn by
dessiné par

RJ,JB,LB

designed by
conç par

RJ

approved by
approuvé par

WOOD

bid
offre

DB

project manager
administrateur
de projets

project date
date du projet

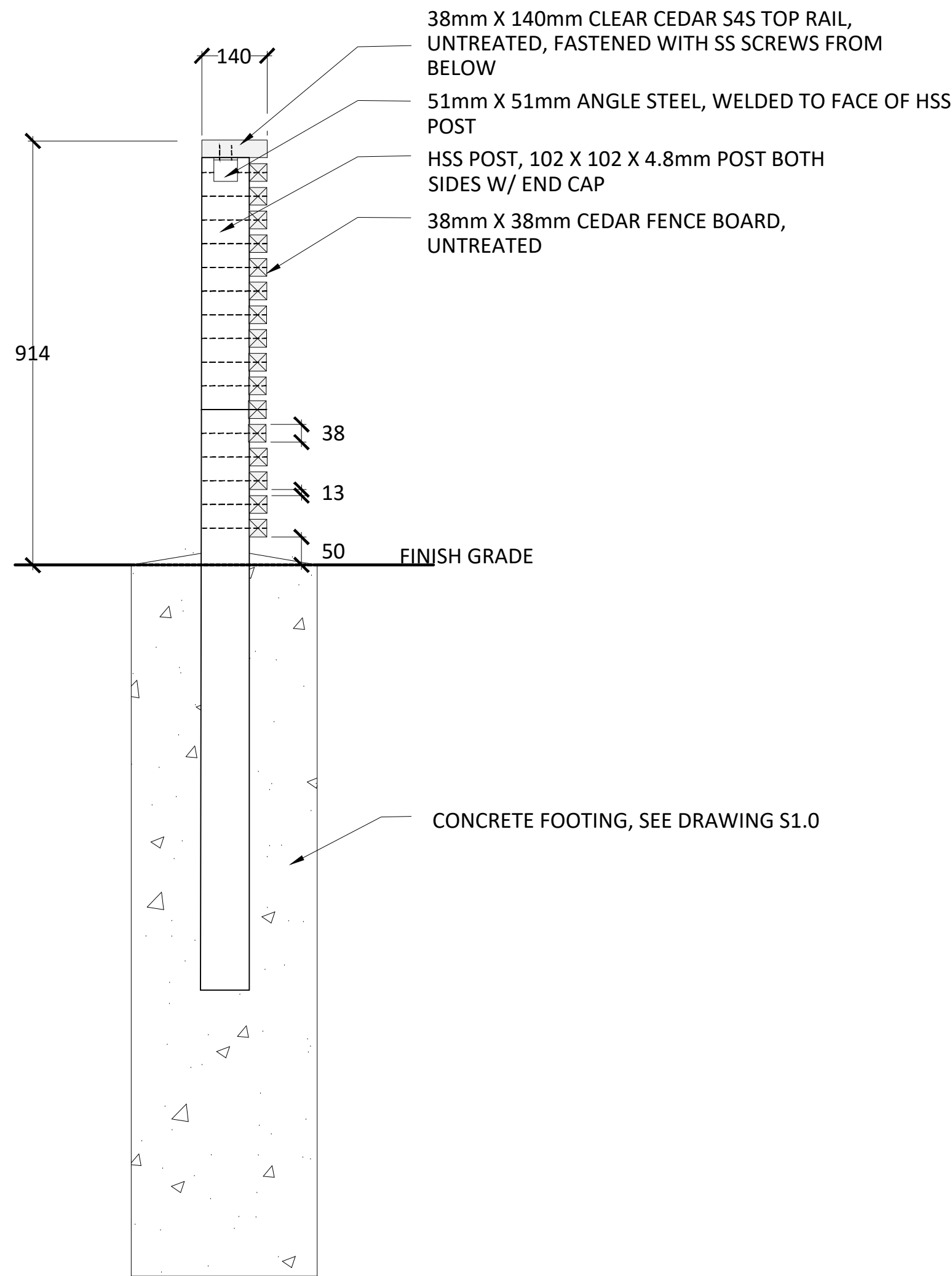
AUGUST 2019

project no.
no. du projet

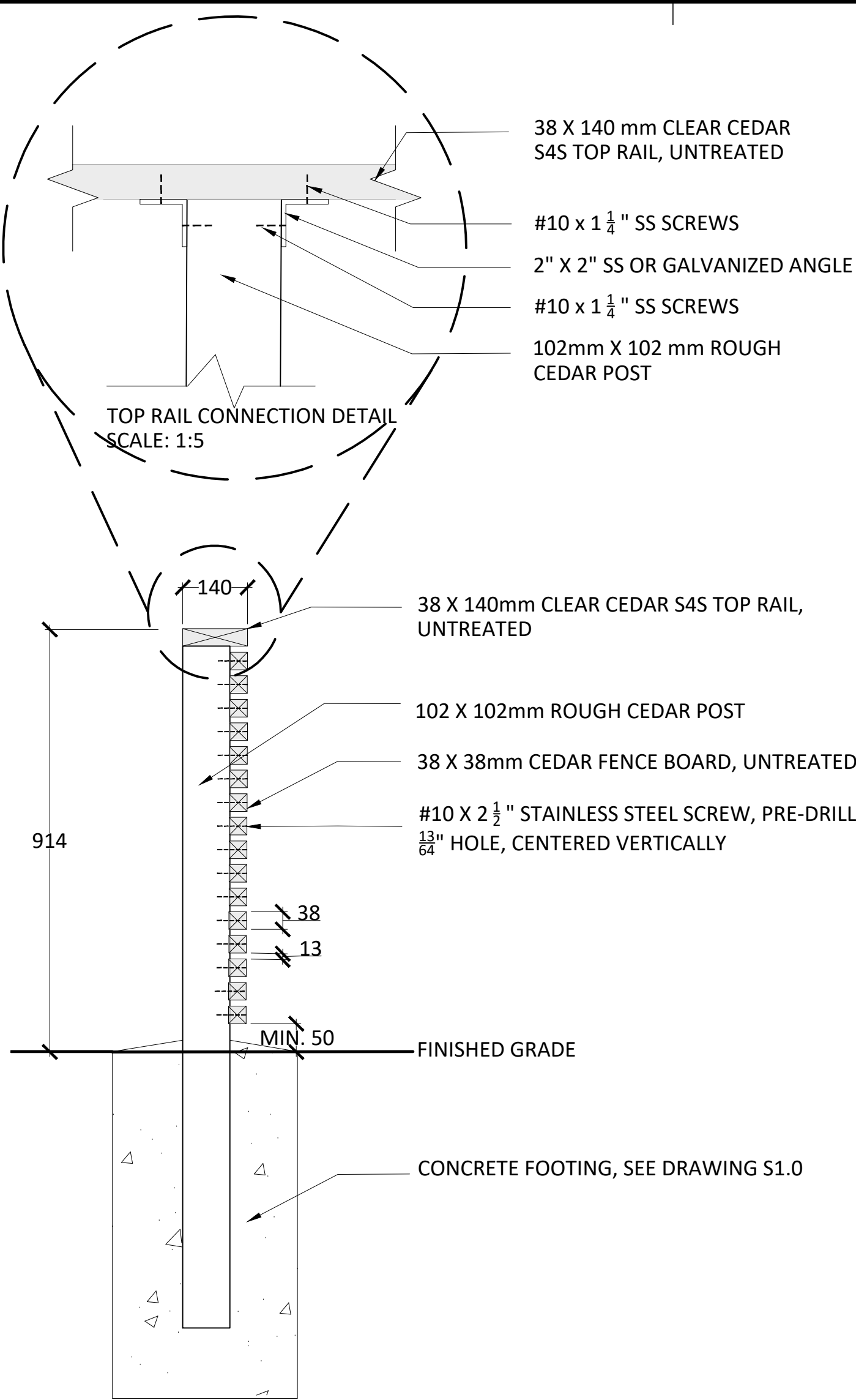
R.080100.001

drawing no.
dessiné no.

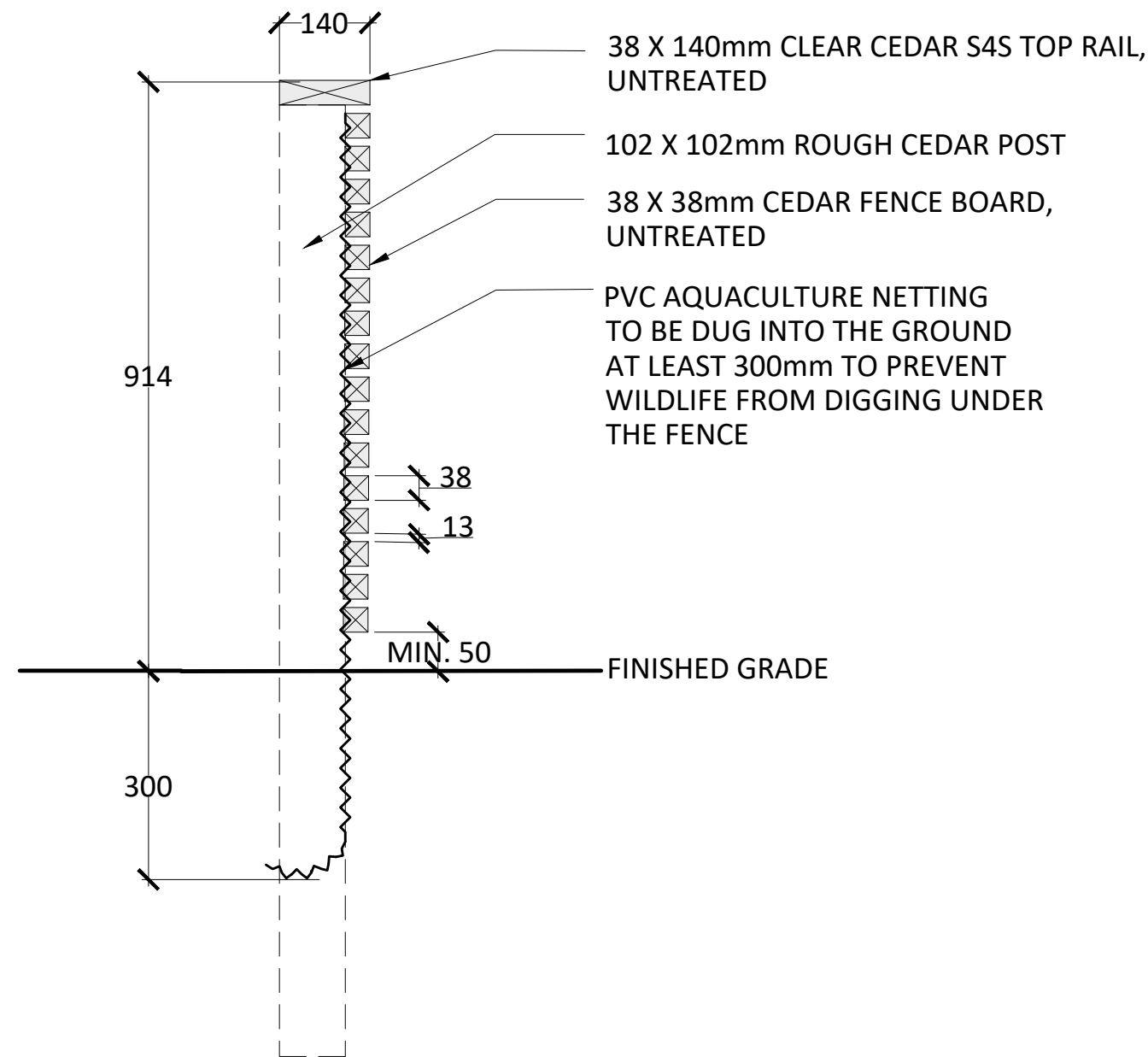
L5.0



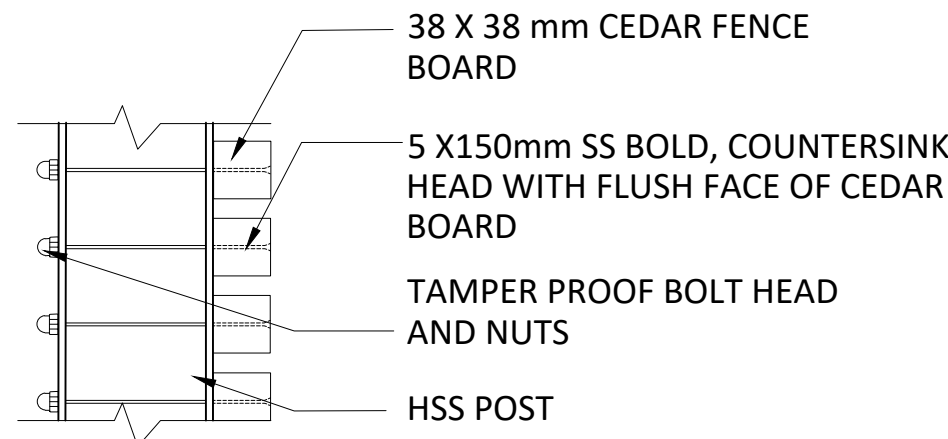
1 HSS GATE/ CORNER POST AND FENCE BOARD - SECTION
SCALE: 1:10



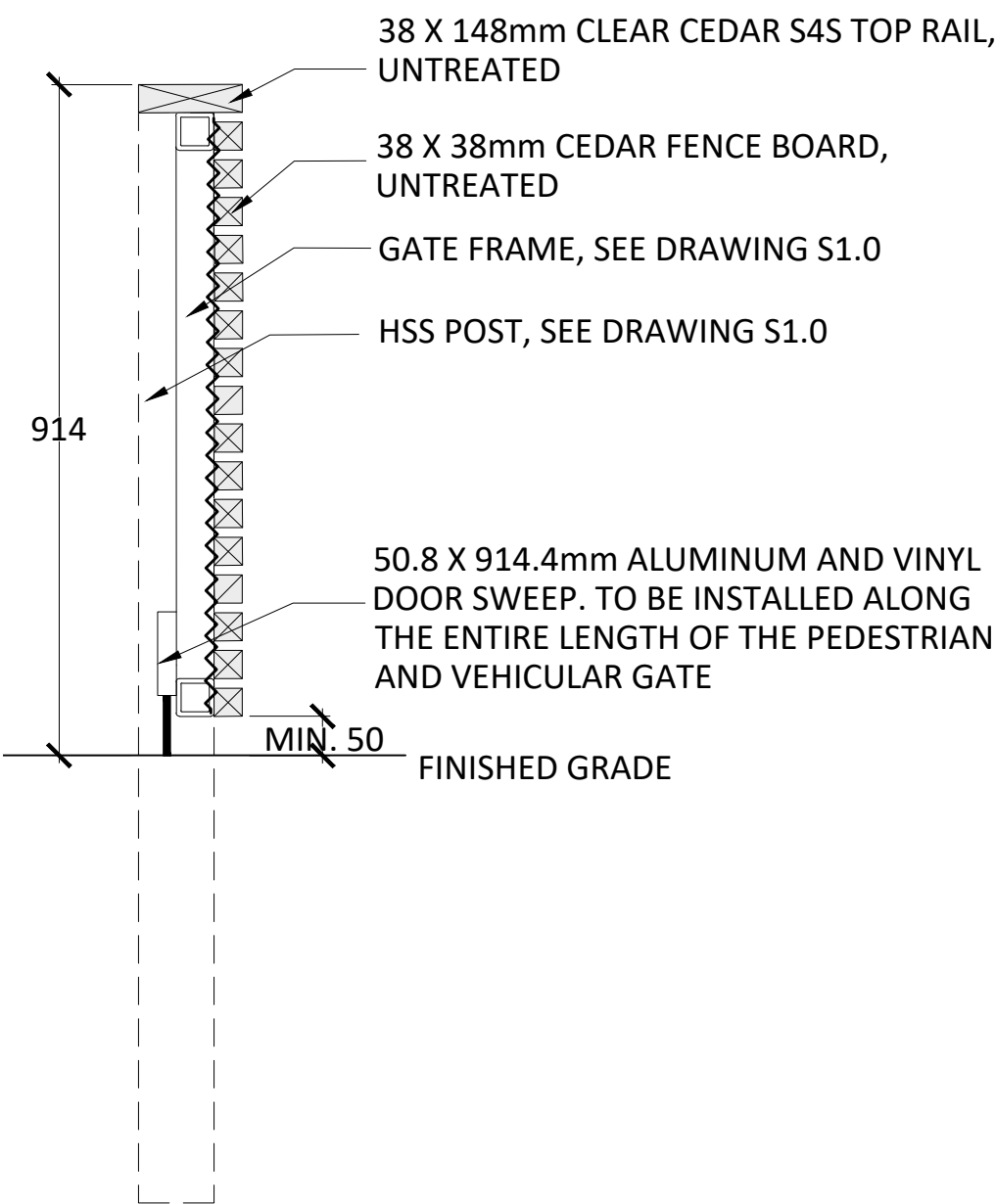
2 WOODEN POST AND FENCE BOARD - SECTION
SCALE: 1:10



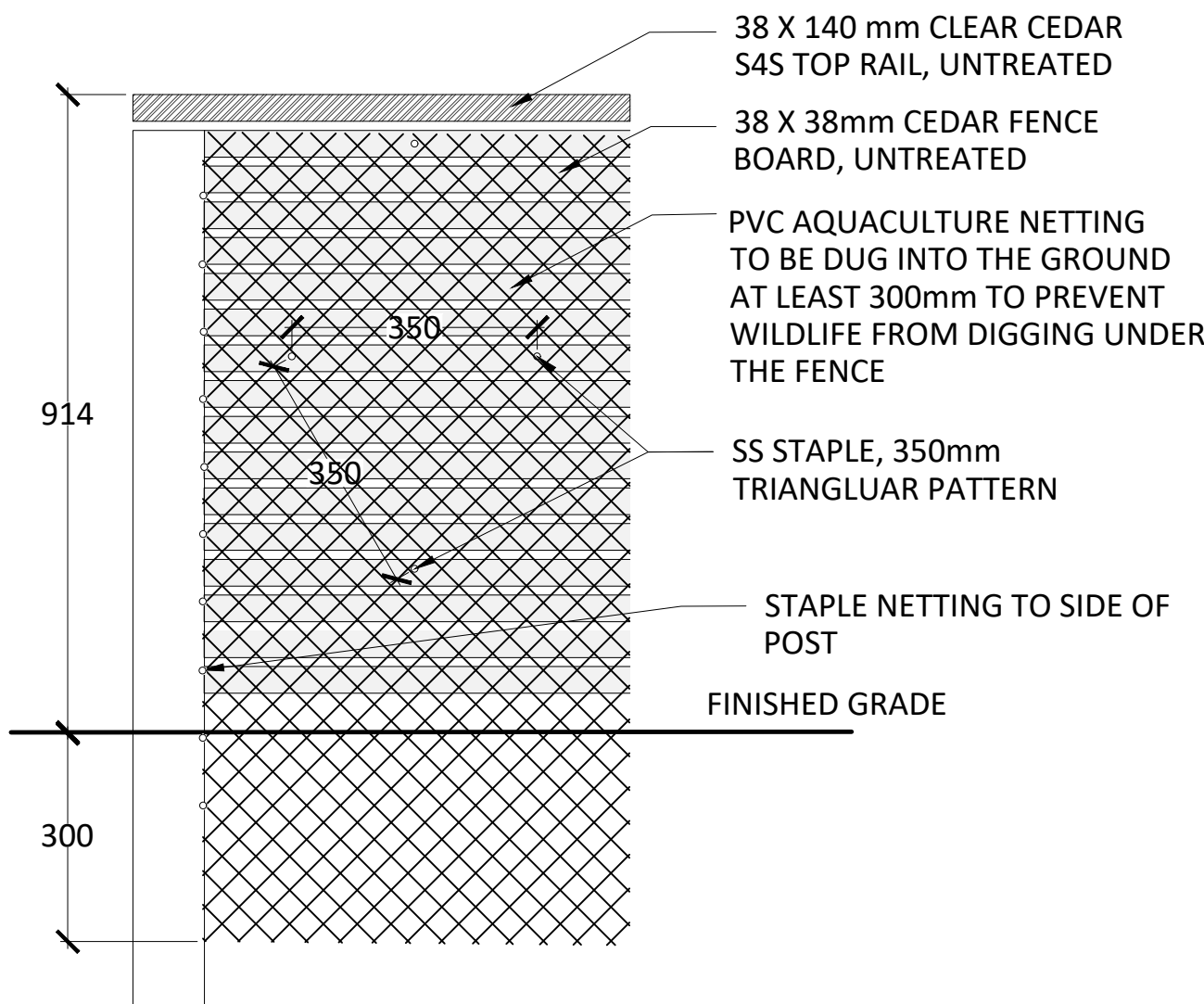
3 AQUACULTURE NETTING - SECTION
SCALE: 1:10



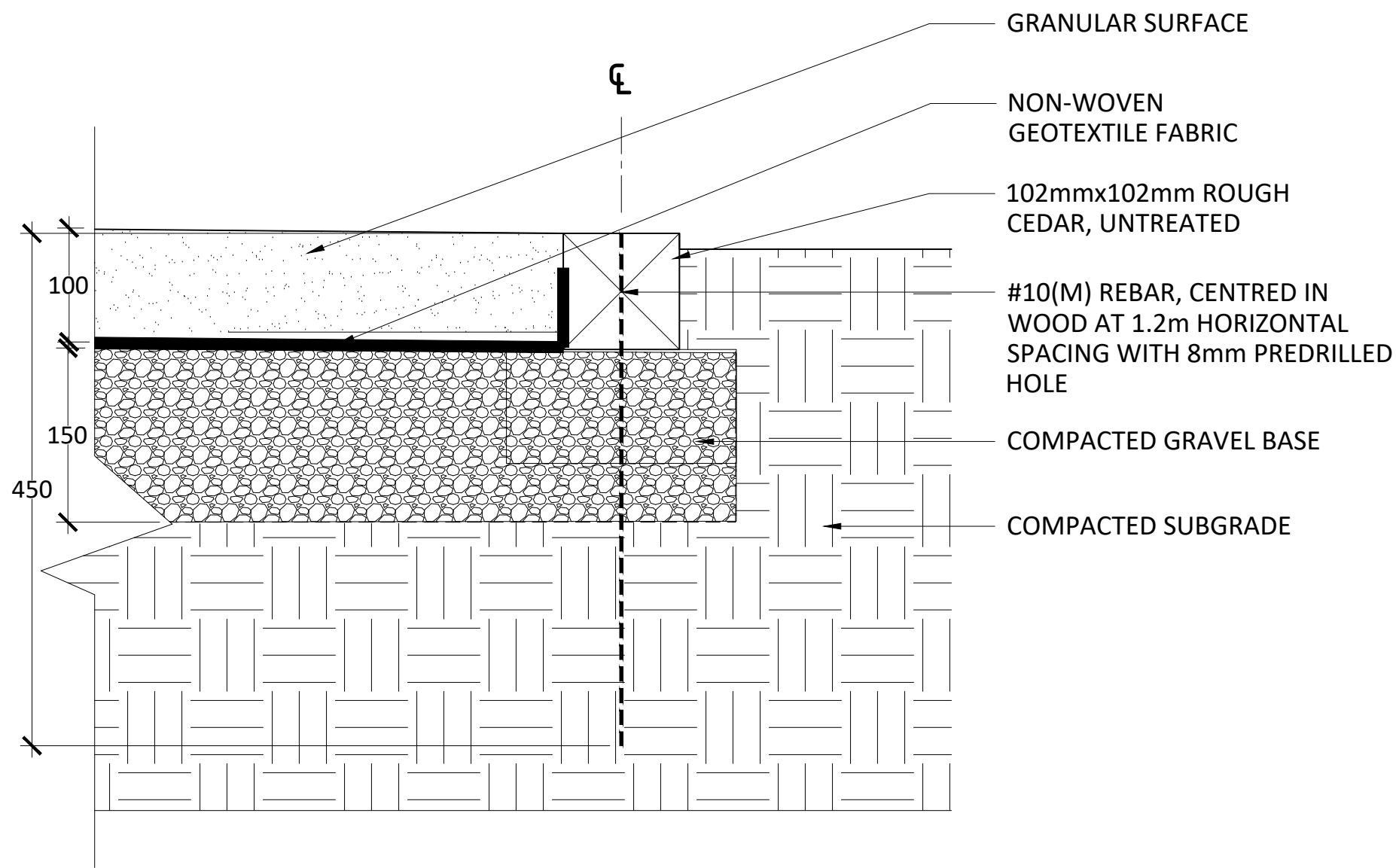
5 HSS POST AND FENCE BOARD CONNECTION - SECTION
SCALE: 1:5



4 PEDESTRIAN/VEHICLE GATE - SECTION
SCALE: 1:10



6 AQUACULTURE NETTING - SECTION-ELEVATION
SCALE: 1:10



7 GRANULAR PATHWAY WITH TIMBER EDGING
SCALE: 1:5

NOTES:

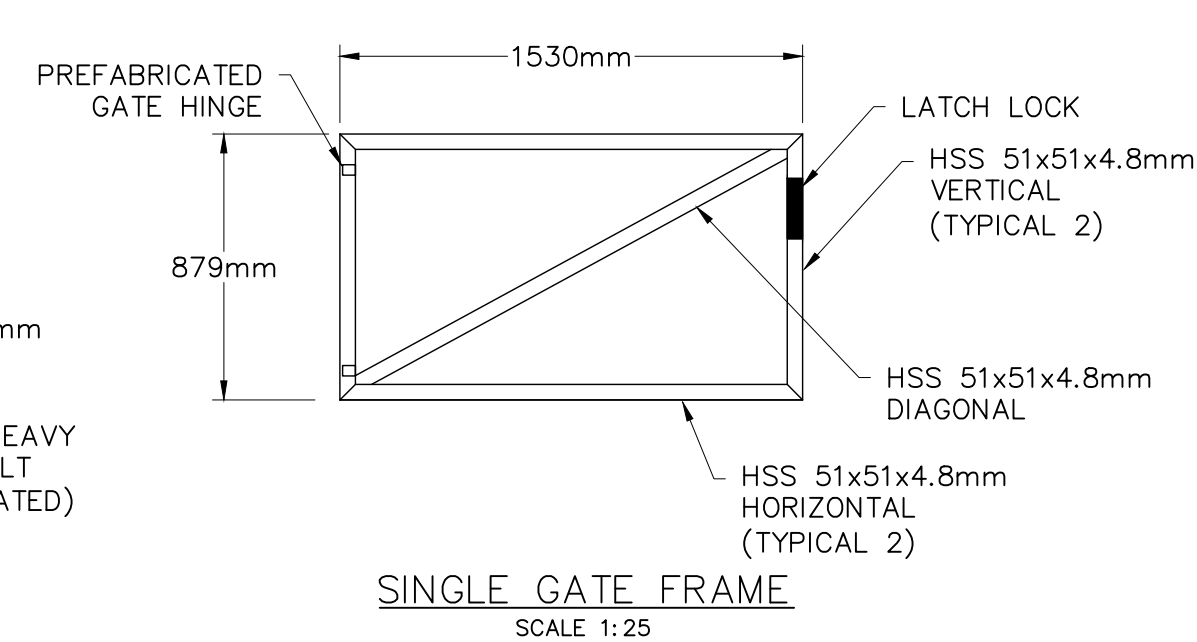
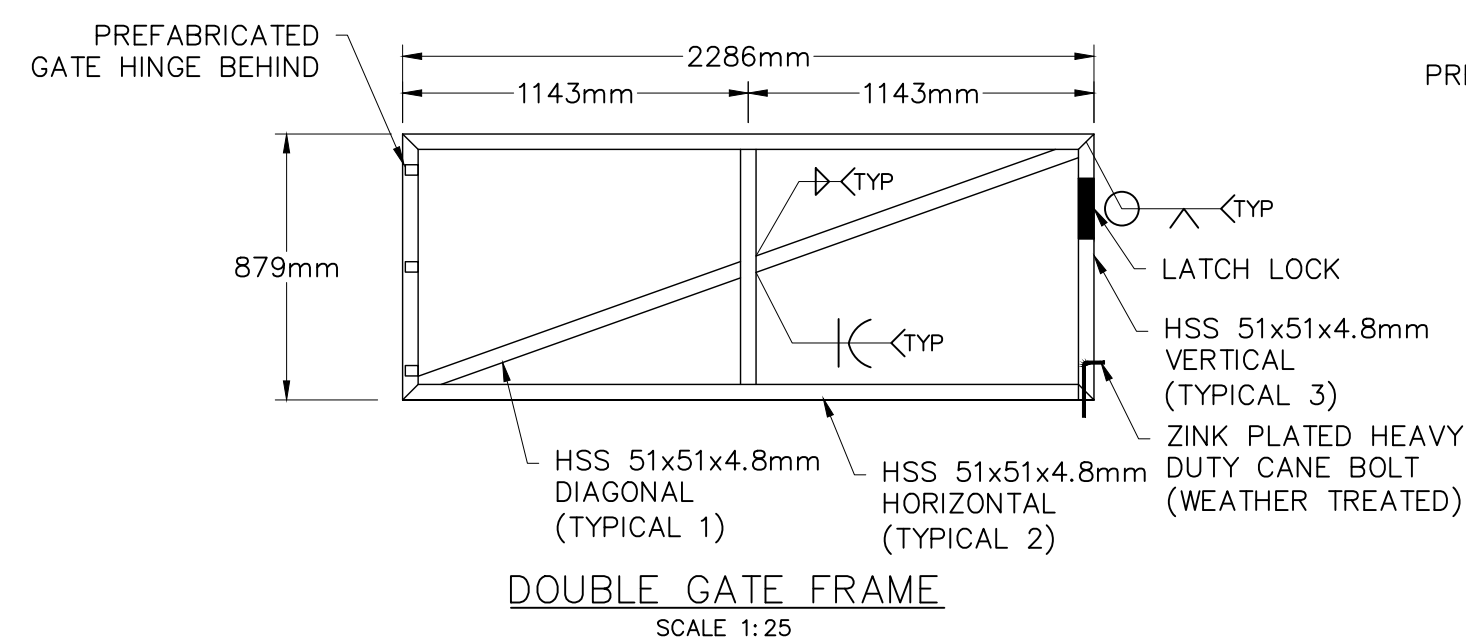
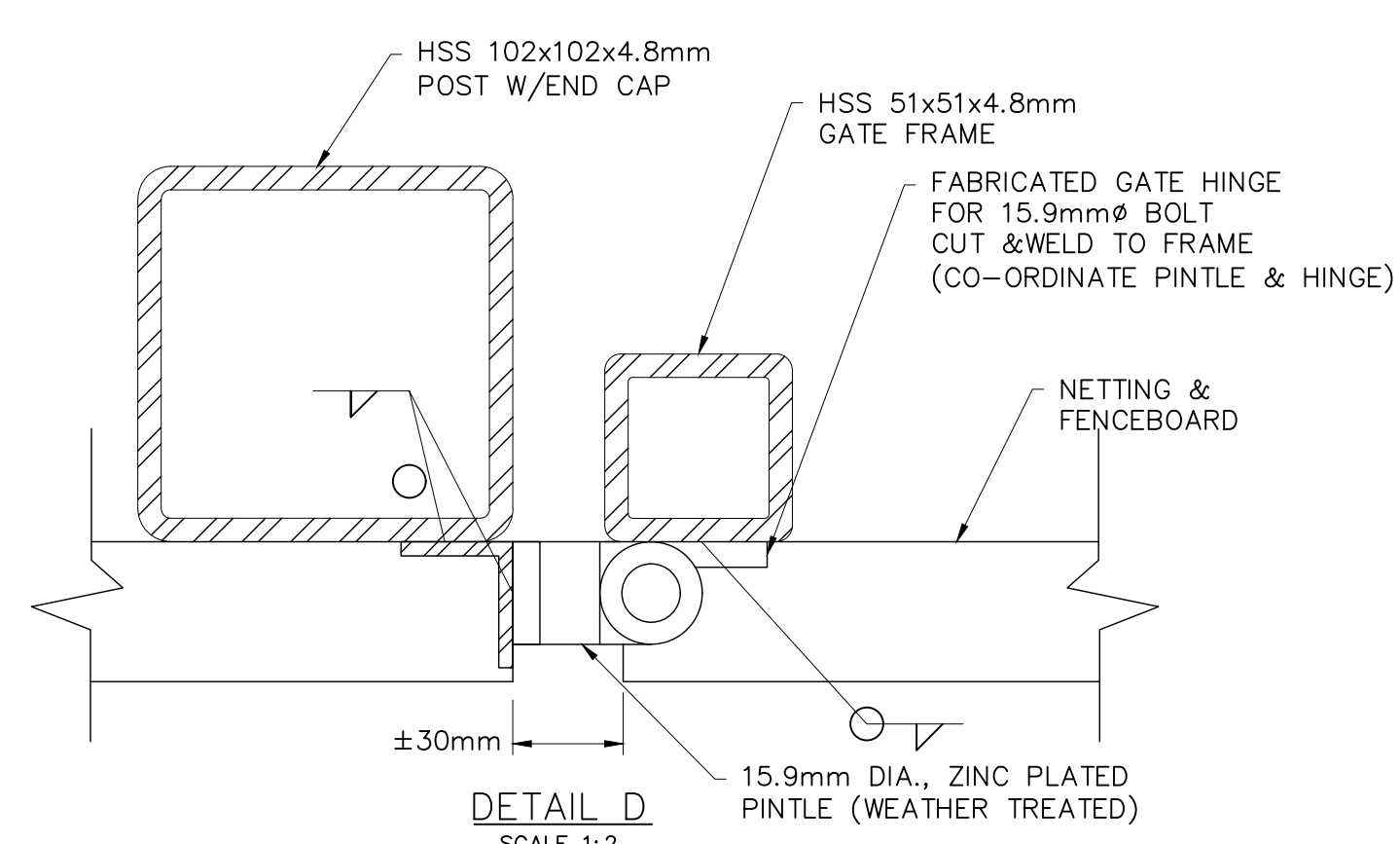
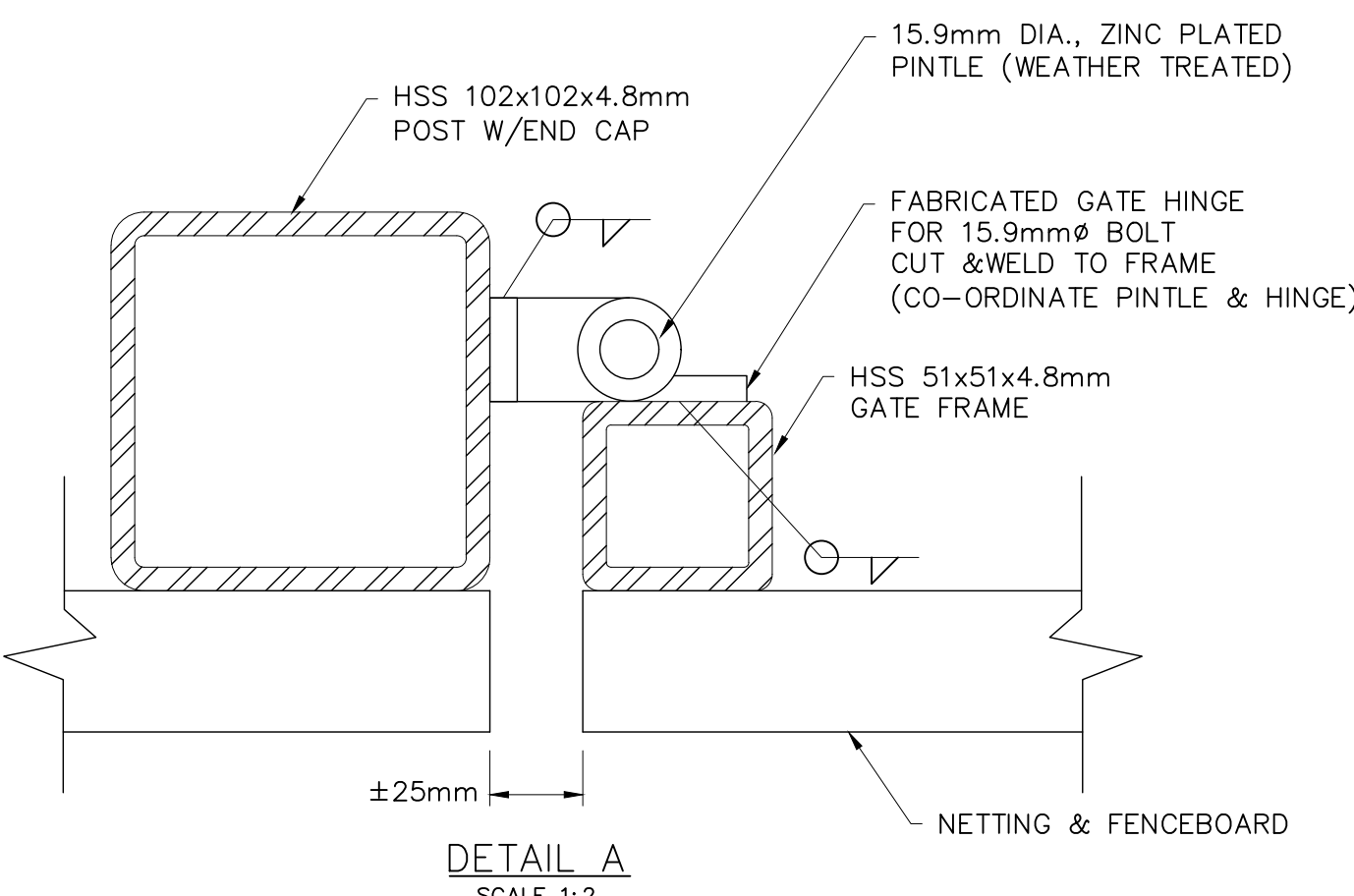
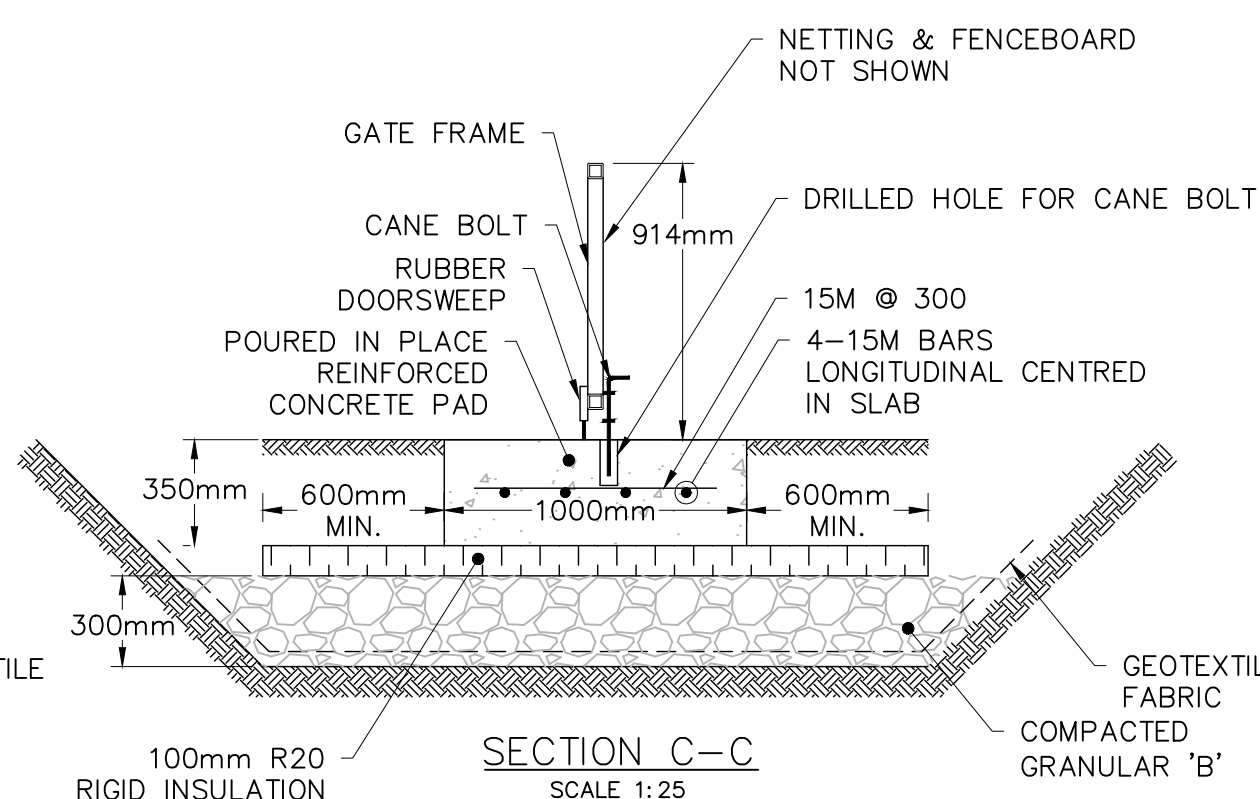
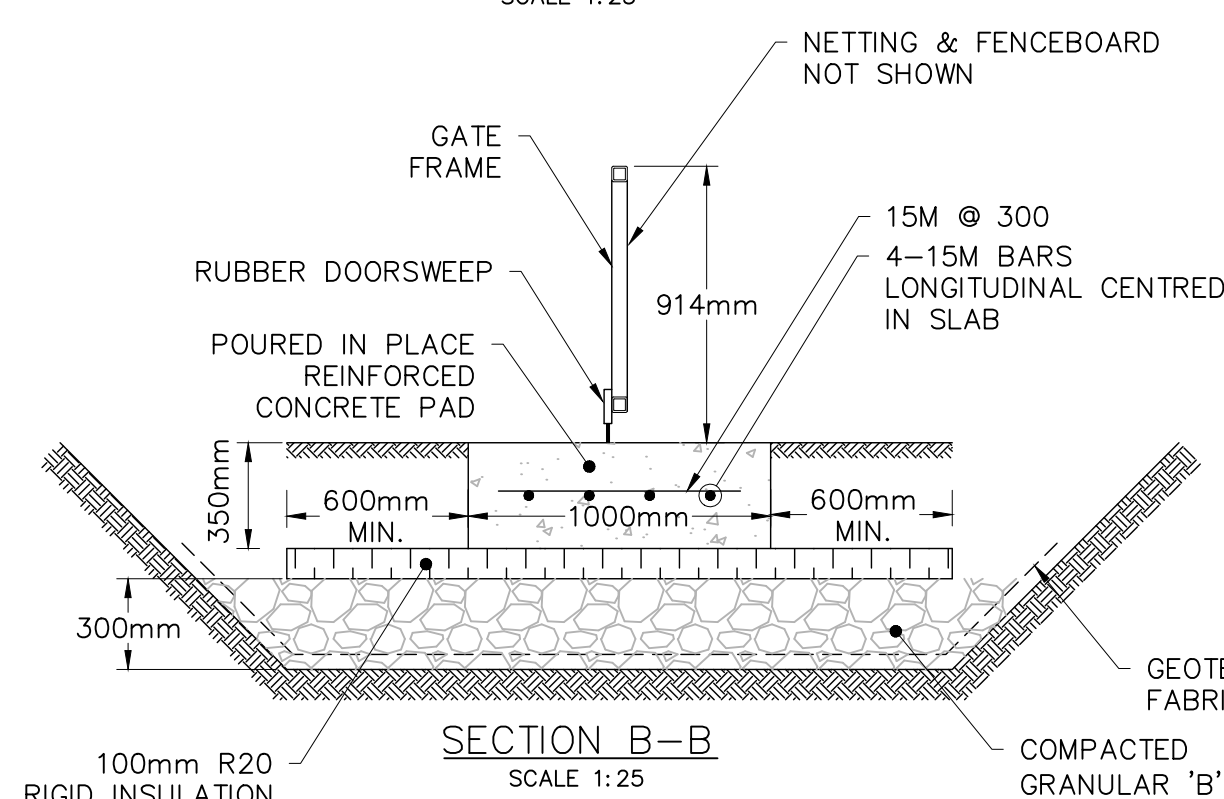
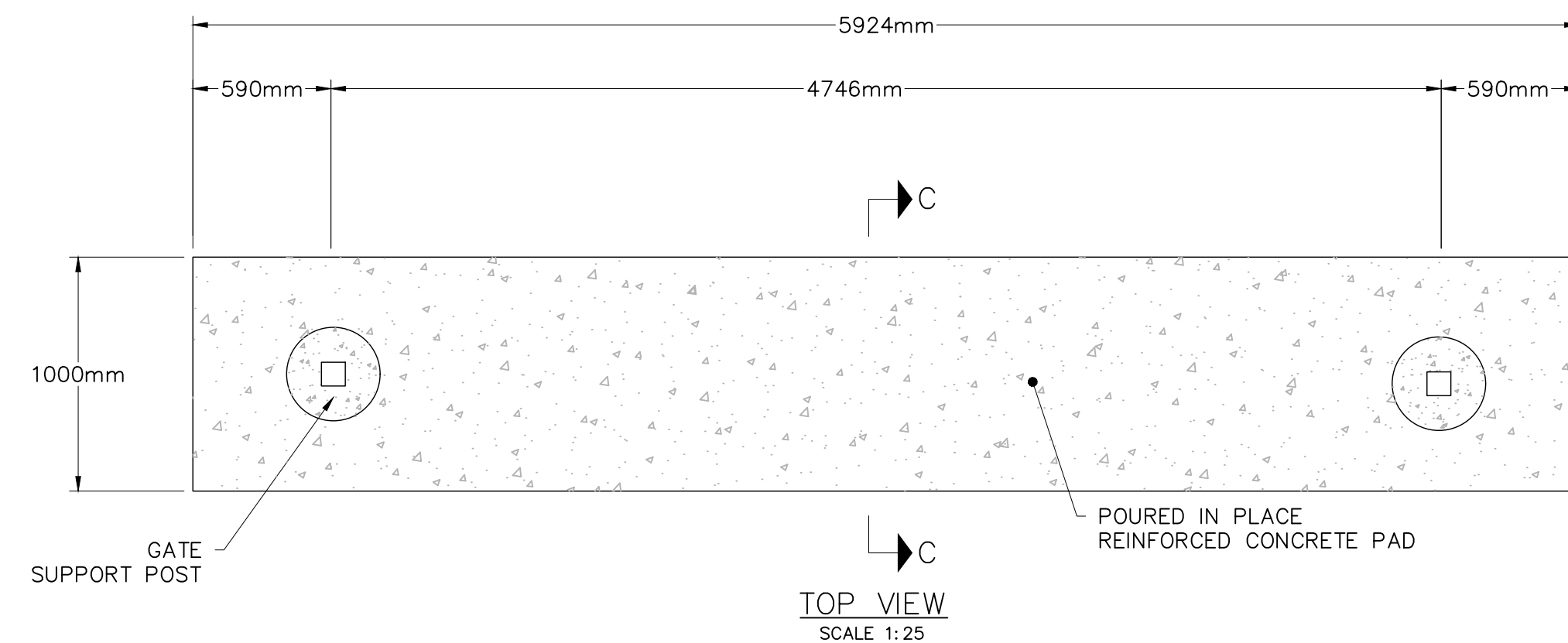
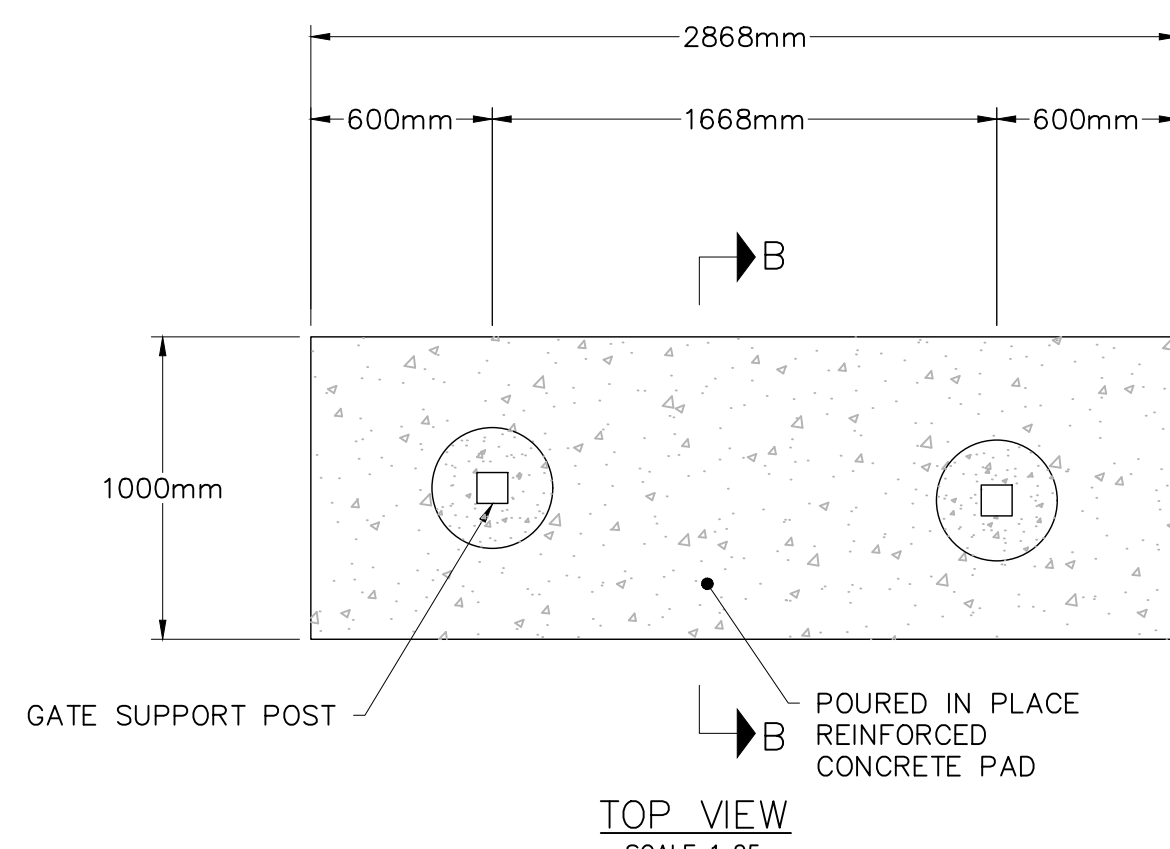
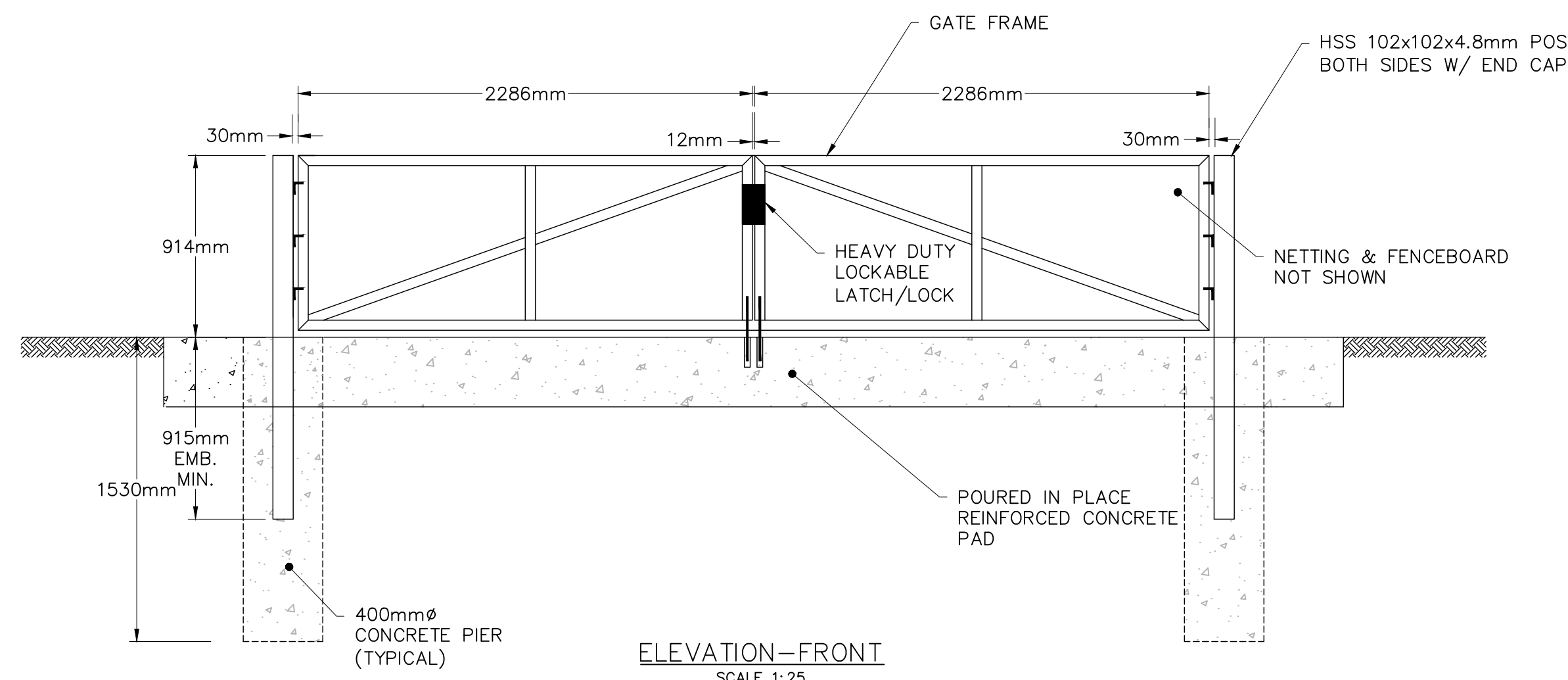
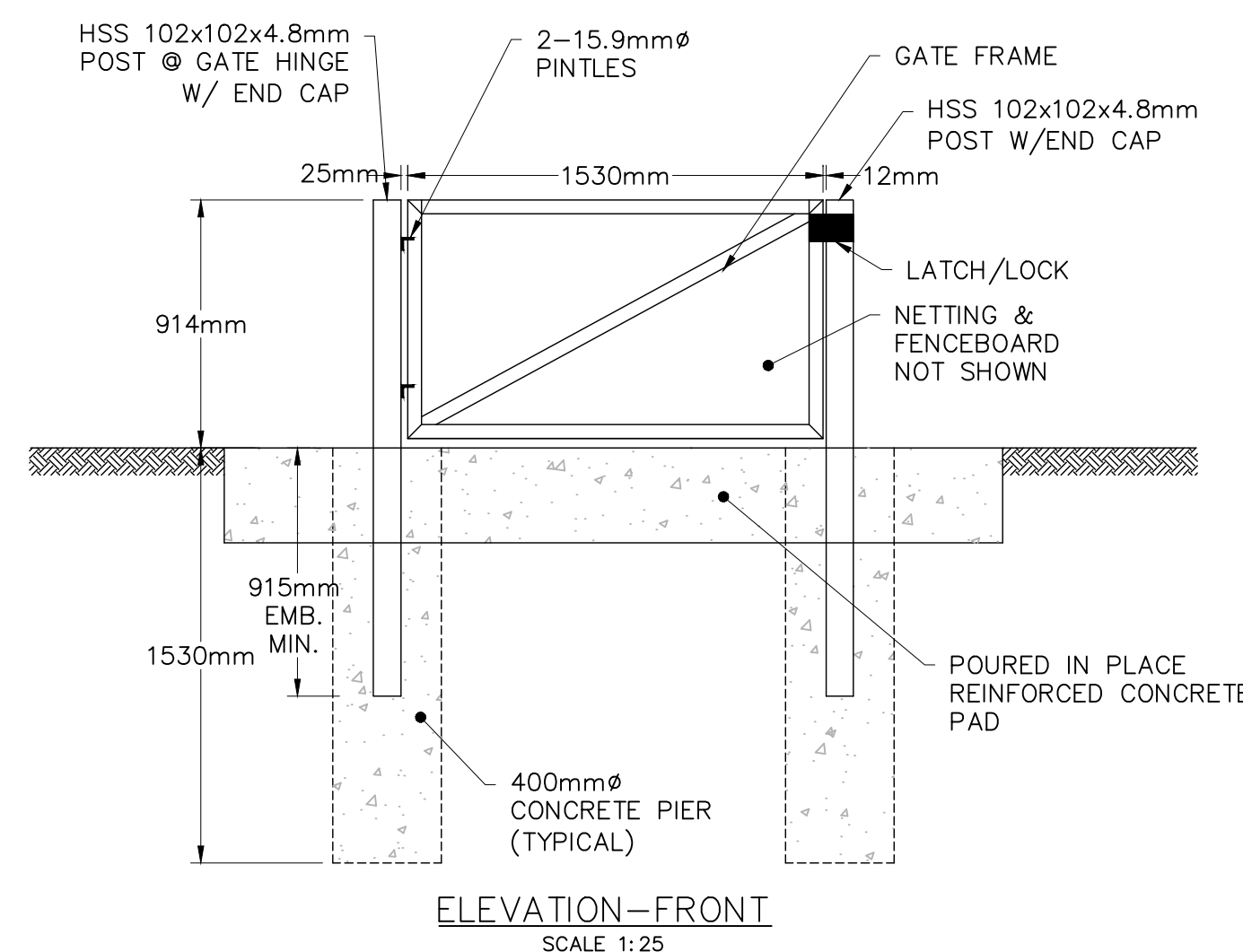
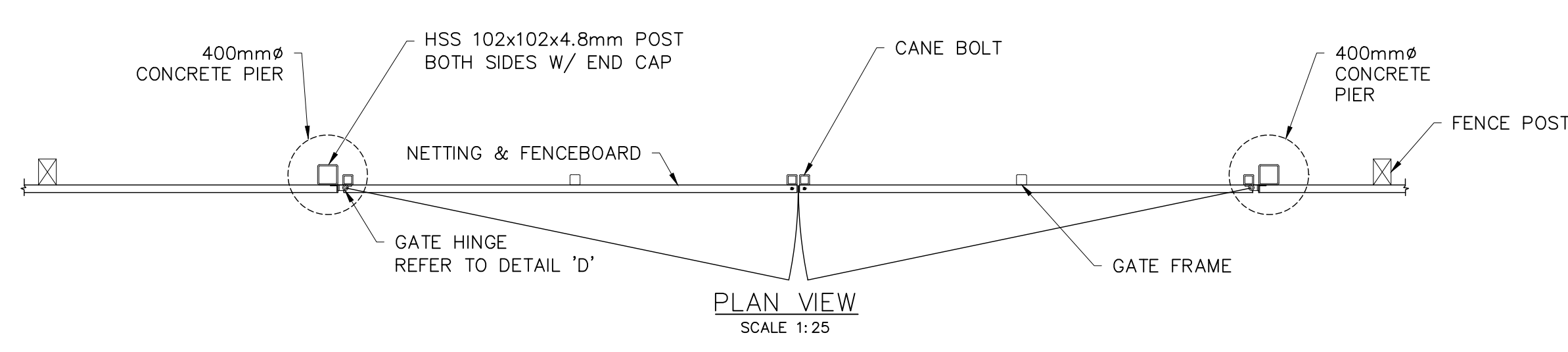
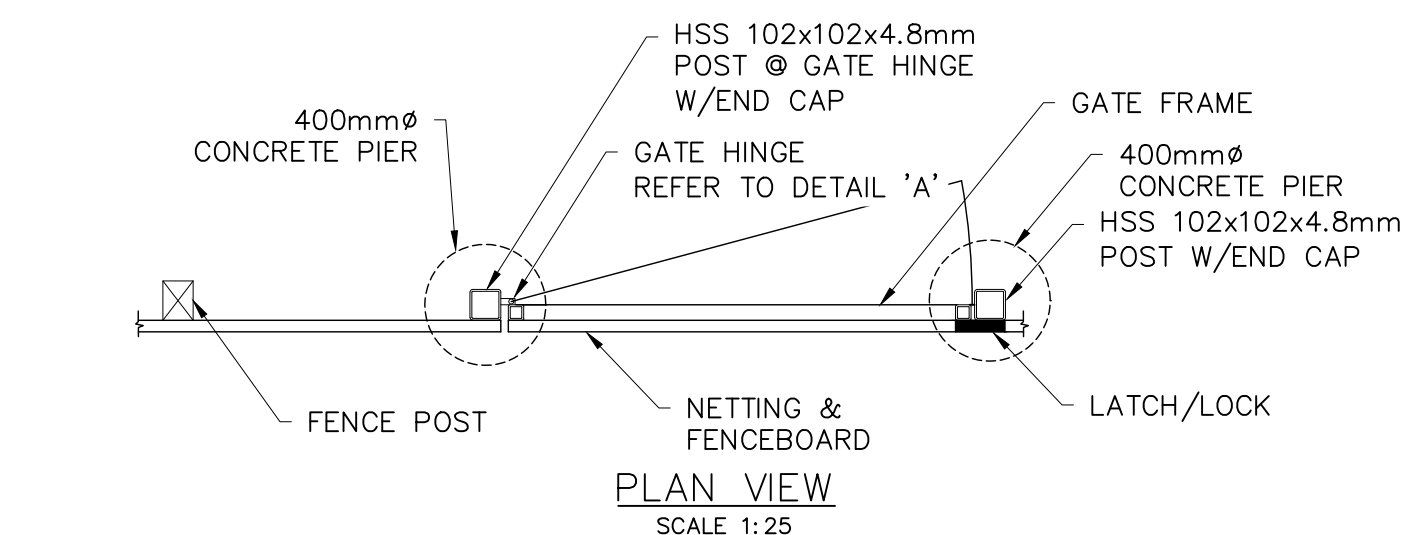
- CONTRACTOR TO SUBMIT COMPLETE SHOP DRAWINGS FOR ALL PEDESTRIAN/VEHICULAR GATE & FENCE CONNECTIONS, FRAMING, HINGES, LATCHES & ALUMINUM AND VINYL DOOR SWEEP.



revision	status	date
01	ISSUED FOR TENDER	AUG. 09 2019

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project title titre du projet	BIG CREEK NATIONAL WILDLIFE AREA VISITOR'S EXPERIENCE IMPROVEMENT	
drawing title titre du dessin	CONSTRUCTION DETAILS- GATE, FENCE & PATHWAY	
drawn by dessine par	RJ,JB,LB	
designed by conc par	RJ	
approved by approuve par	WOOD	
bid offre	DB	project manager administrateur de projets
project date date du projet	AUGUST 2019	
project no. no. du projet	R.080100.001	
drawing no. dessine no.	L5.1	



GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE 2016 ONTARIO BUILDING CODE (OBC).
2. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH APPLICABLE LEGISLATION AND REGULATIONS INCLUDING BUT NOT LIMITED TO, OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS.
3. THE CONTRACTOR SHALL AS PART OF HIS WORK CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS AND REPORT AND DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH CONSTRUCTION.
4. SAFEGUARD AND PROTECT ALL EXISTING STRUCTURES, SERVICES AND UTILITIES WHICH MAY BE AFFECTED BY THE WORK OF THIS CONTRACT.
5. READ STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS, SPECIFICATIONS AND PERTINENT DOCUMENTS. NOTE THAT THE STRUCTURAL DRAWINGS ARE NOT INDEPENDENT OF THE LANDSCAPE DRAWINGS AND ARE NOT TO BE SEPARATED FOR TENDERING OR DETAILING PURPOSES.

EXCAVATION AND BACKFILL:

1. ALL EXCAVATIONS SHALL BE COMPLETELY DEWATERED DURING CONSTRUCTION. KEEP EXCAVATION DEWATERED TO, AT LEAST, 300mm BELOW LOWEST ELEVATION OF EXCAVATION.
2. CONTINUOUSLY PROTECT THE BOTTOM OF EXCAVATION AND BASE SLAB FROM DAMAGE DUE TO FROST AND GROUNDWATER PRESSURE.
3. SURPLUS EXCAVATED MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS ARRANGED FOR BY THE CONTRACTOR.

STRUCTURAL STEEL:

1. PERFORM STRUCTURAL STEEL WORK IN ACCORDANCE WITH CSA S16.
2. HOLLOW STRUCTURAL SECTIONS TO CSA G40.20-13/G40.21-13(R2018) GRADE 350W, CLASS C
3. STRUCTURAL PLATES TO CSA G40.20-13/G40.21-13(R2018) GRADE 300W.
4. ALL FABRICATION AND WELDING SHALL CONFORM TO CSA W59 AND BE PERFORMED BY A COMPANY CERTIFIED BY AND WELDERS QUALIFIED IN ACCORDANCE WITH CSA W47.1 FOR DIVISION 1 OR DIVISION 2.1.
5. STRUCTURAL STEEL TO BE HOT DIP GALVANIZED AFTER FABRICATION TO CSA G164.
6. EXPOSED ENDS OF HSS MEMBERS TO BE CAPPED AND SEAL WELDED.
7. SUBMIT SHOP DRAWINGS SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO AND EXPERIENCED IN THE DESIGN OF STRUCTURAL STEEL CONNECTIONS.
8. CONTRACTOR TO ENSURE DISSIMILAR METAL SEPARATION IS PROVIDED AT ALL CONNECTIONS USING NEOPRENE GASKETS, TAPE OR EQUIVALENT.

CONCRETE:

1. ALL CONCRETE SHALL CONFORM TO CSA STANDARD CSA A23.1:19/A23.2:19 AND ITS REFERENCE PUBLICATIONS.
2. PLACE ALL CONCRETE IN THE DRY
3. CONCRETE CLASS F2 MAX 75 ±25 mm SLUMP. MIN 28 DAY COMPRESSIVE STRENGTH = 25 MPa
4. CONCRETE FORMWORK AND FALSEWORK MATERIALS SHALL CONFORM TO CSA A23.1:19/A23.2:19 AND CSA S269.3.
5. THE USE OF EARTH FORMS IS NOT PERMITTED.
6. CURING AND PROTECTION OF CONCRETE FOR HOT, COLD AND DRY WEATHER CONDITIONS TO BE CARRIED OUT IN ACCORDANCE WITH CSA A23.1:19/A23.2:19.
7. CONCRETE COVER TO REINFORCEMENT:
 - a. AGAINST SOIL: 75mm
 - b. OTHER: 50mm

REINFORCEMENT:

1. PERFORM REINFORCING WORK IN ACCORDANCE WITH CSA A23.1:19/A23.2:19.
2. REINFORCING STEEL SHALL CONFORM TO CSA G30.18-09 (R2014) GRADE 400R OR 400W.
3. REINFORCING SHALL BE SUPPORTED BY SOLID PRECAST CONCRETE CHAIRS OR MASONRY BLOCKS.

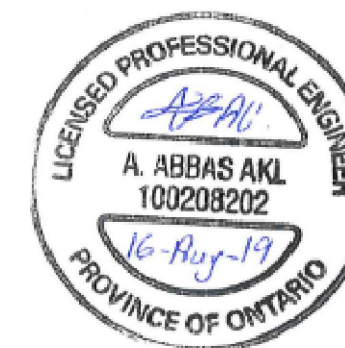
SOIL:

1. SOIL BEARING CAPACITIES ARE ASSUMED. DUE TO THE NATURE OF LOCAL GROUND CONDITIONS, DIFFERENTIAL GROUND SETTLEMENT MAY OCCUR. q=80kPa ULS, 50kPa SLS



Public Works and
Government Services Canada
Travaux publics et
Services gouvernementaux Canada

wood.



1	ISSUED FOR TENDER	AUG. 09, 2019
revision		date

Do not scale drawings.
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notify the Departmental Representative of all discrepancies.

A B C	A	Detail No.
	B	No. du détail
	C	drawing no. - where detail required dessin no. - où détail exigé
		drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
**BIG CREEK NATIONAL
WILDLIFE AREA
VISITOR'S EXPERIENCE
IMPROVEMENT**

drawing title
titre du dessin
**CONSTRUCTION DETAILS
GATES**

drawn by
dessiné par
M.L.

designed by
conc par
A.A.

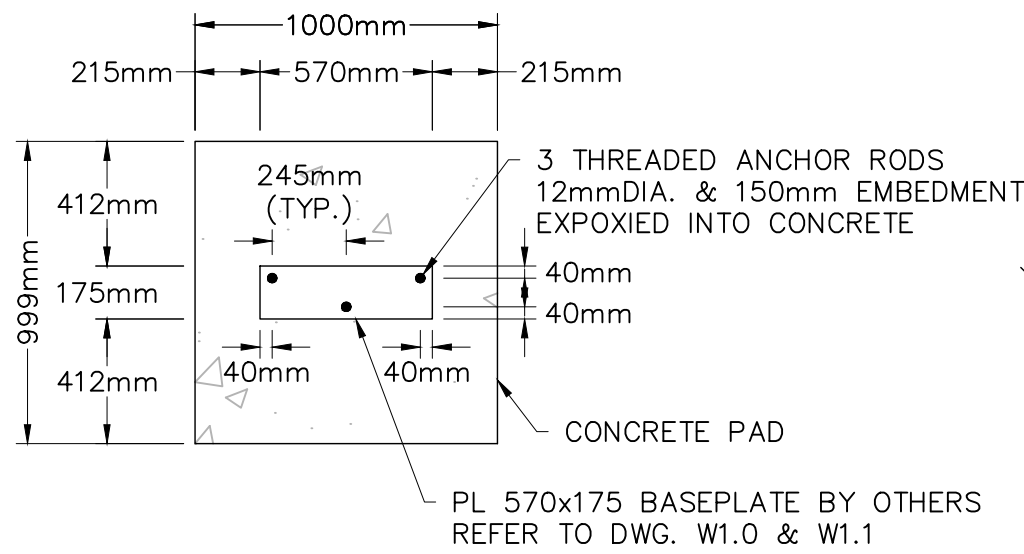
approved by
approuvé par

bid
offre
DB

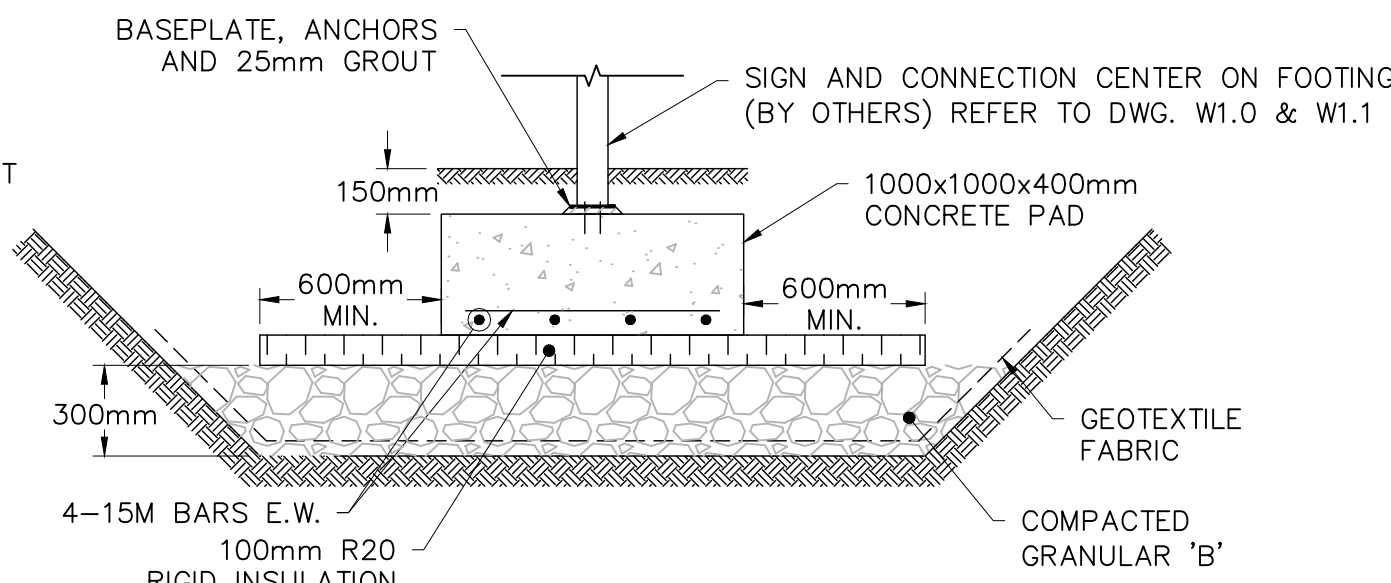
project date
date du projet
AUGUST 2019

project no.
no. du projet
R.080100.001

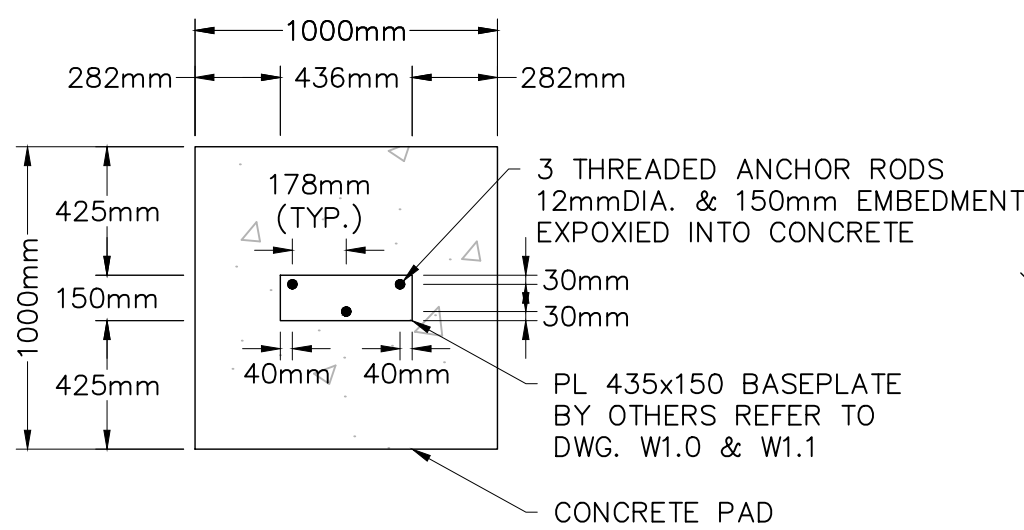
drawing no.
dessiné no.
S1.0



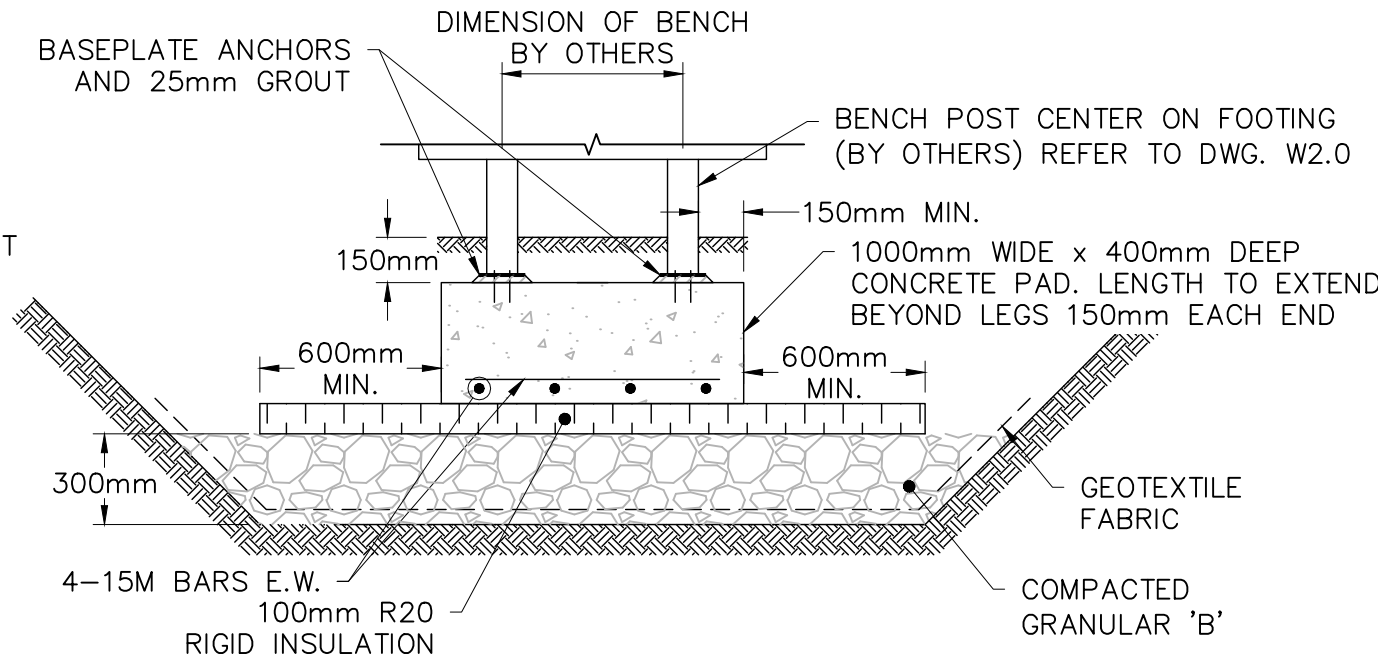
SIGN 'A' ANCHORAGE DETAIL
SCALE 1:25



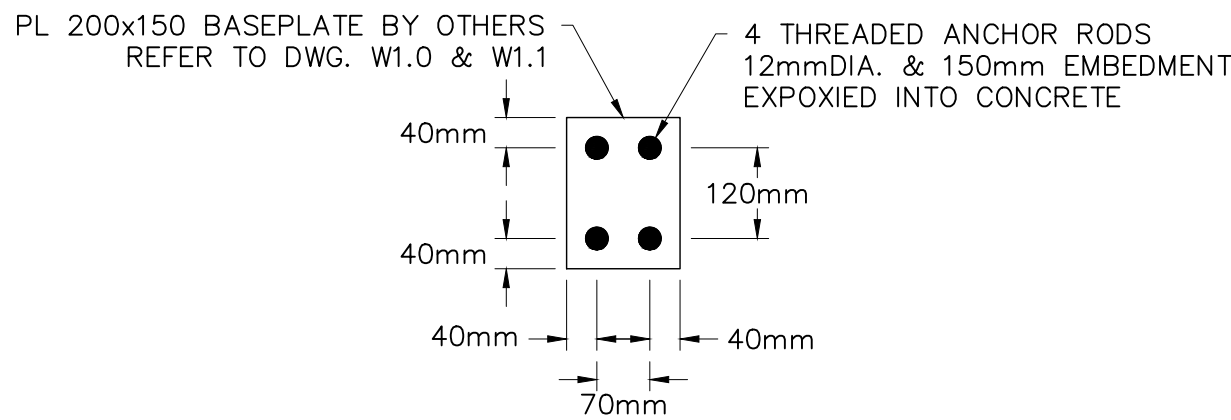
SIGN FOUNDATION DETAIL
SCALE 1:25



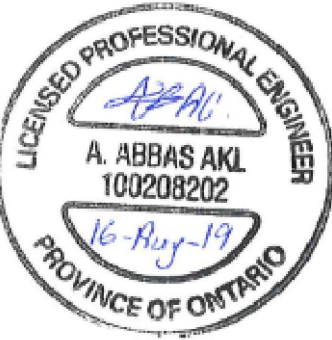
SIGN 'B' ANCHORAGE DETAIL
SCALE 1:25



BENCH FOUNDATION DETAIL
SCALE 1:25



BASEPLATE ANCHORAGE DETAIL
SCALE 1:10



1	ISSUED FOR TENDER	AUG. 09, 2019
revision		date

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<div><div>A</div><div>B</div><div>C</div></div>	<div>Detail No. No. du détail</div> <div>drawing no. – where detail required dessin no. – où détail exigé</div> <div>drawing no. – where detailed dessin no. – où détaillé</div>
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project title titre du projet	BIG CREEK NATIONAL WILDLIFE AREA VISITOR'S EXPERIENCE IMPROVEMENT	
drawing title titre du dessin	CONSTRUCTION DETAILS SIGN & BENCH SUPPORTS	
drawn by dessine par	M.L.	
designed by conc par	A.A.	
approved by approuve par		
bid offre	DB	project manager administrateur de projets
project date date du projet	AUGUST 2019	
project no. no. du projet	R.080100.001	
drawing no. dessine no.	S1.1	

INTERPRETIVE SIGNAGE: TYPE A & B

SIGNAGE SUPPORT DESIGN

At its core, the design combines two bent metal panels, one providing support, the other information. The support panel is made of a thick bent Corten steel panel while the graphic panel has a lighter, smoother feel being made of a thinner paint coated steel. The simple act of folding a sheet of metal allows for a sturdy yet light feel to the signage. While the play between the two metal panels creates a sense of depth and gives the signage a distinct identity.

The base panel, fixed to the ground on a concrete pad which is then covered by topsoil, is narrower (2/3 the width) than the information panel. This simple design move allows the signs to be light and feel as though they are floating above the ground.

MATERIAL PALETTE



SUPPORT PANEL: CORTEN STEEL

Corten steel's rusted finish integrates the signs with the natural earth tones of the surrounding environment yet its orange colour allows it to be easily identified.



GRAPHIC PANEL: SPRAYED STEEL

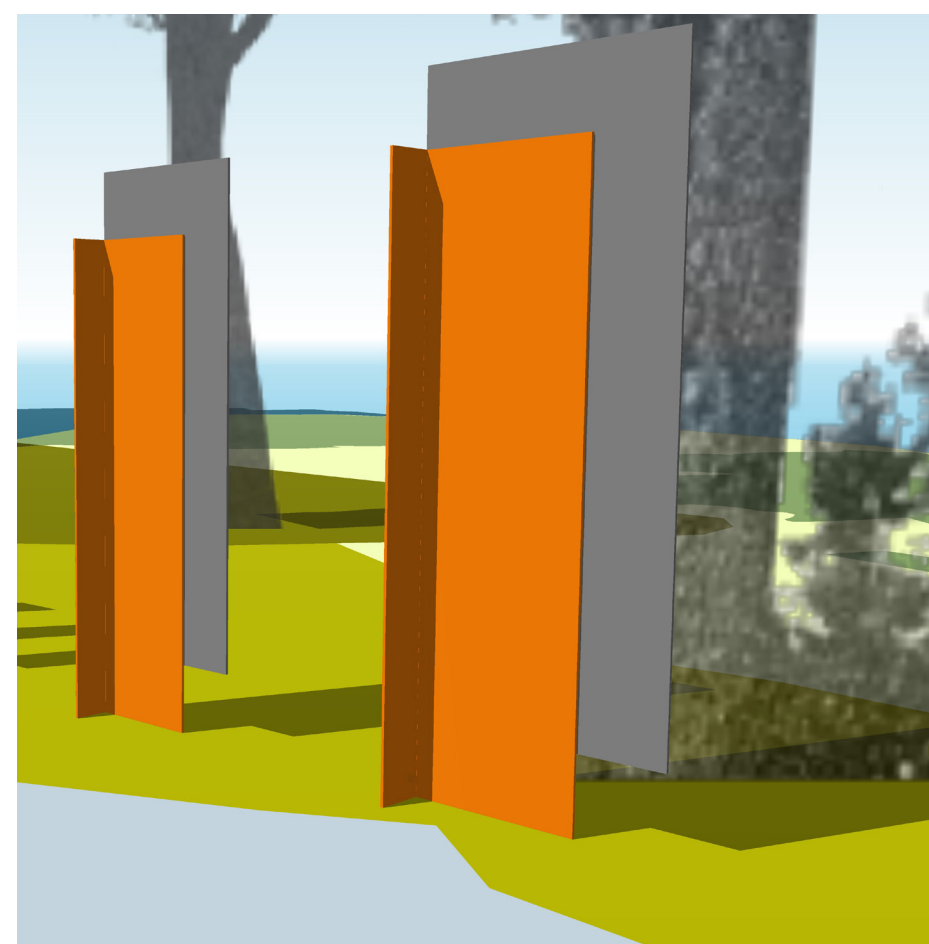
The finish is smooth to the touch and durable to all conditions. It allows for graphics to be elegantly printed direct to its surface. Overlamine film to be applied over graphics for environmental and anti-graffiti protection.

Colour: Charcoal grey to match C0 M0 Y0 K85

3D VIEWS not to scale



Front View

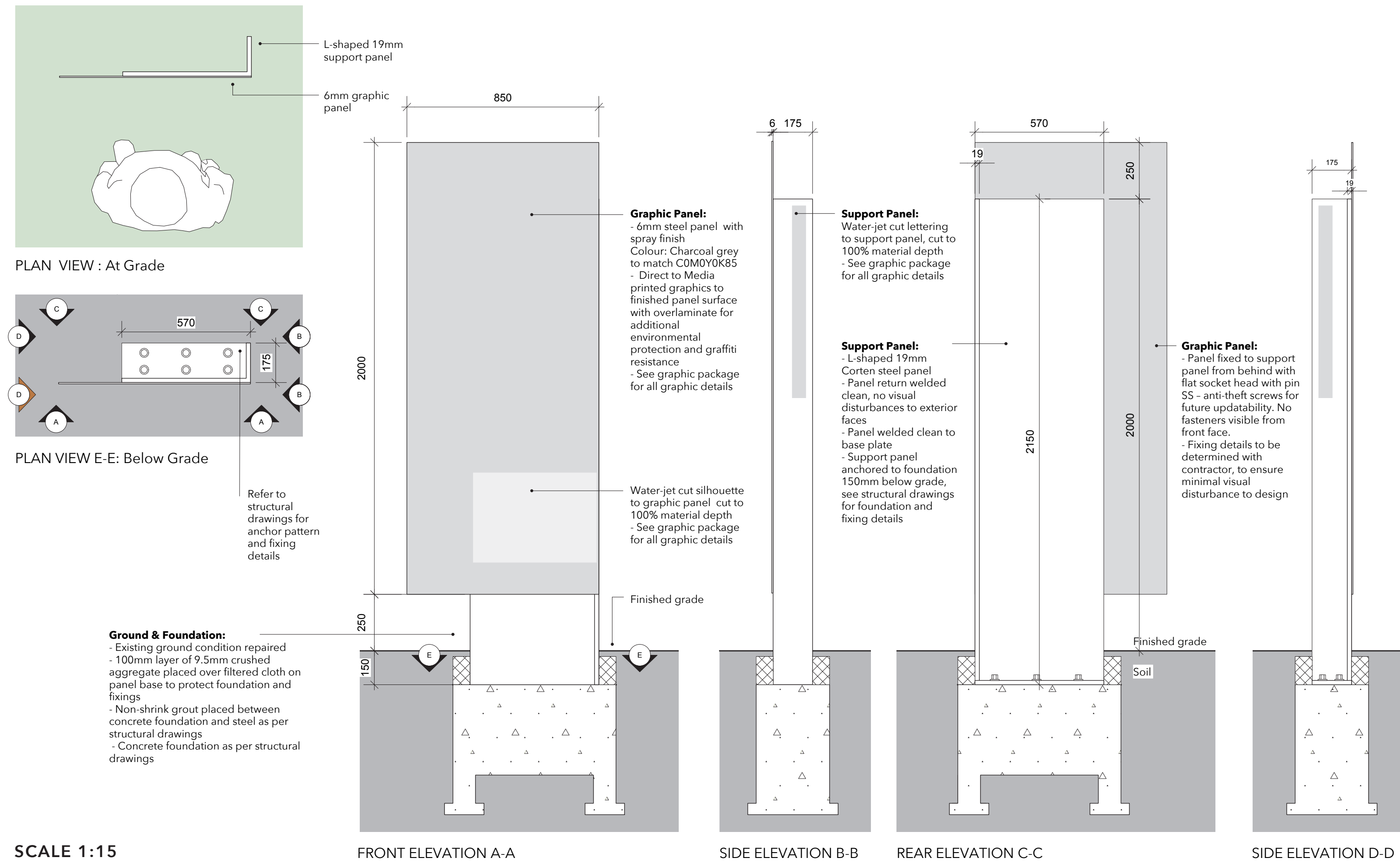


Rear View

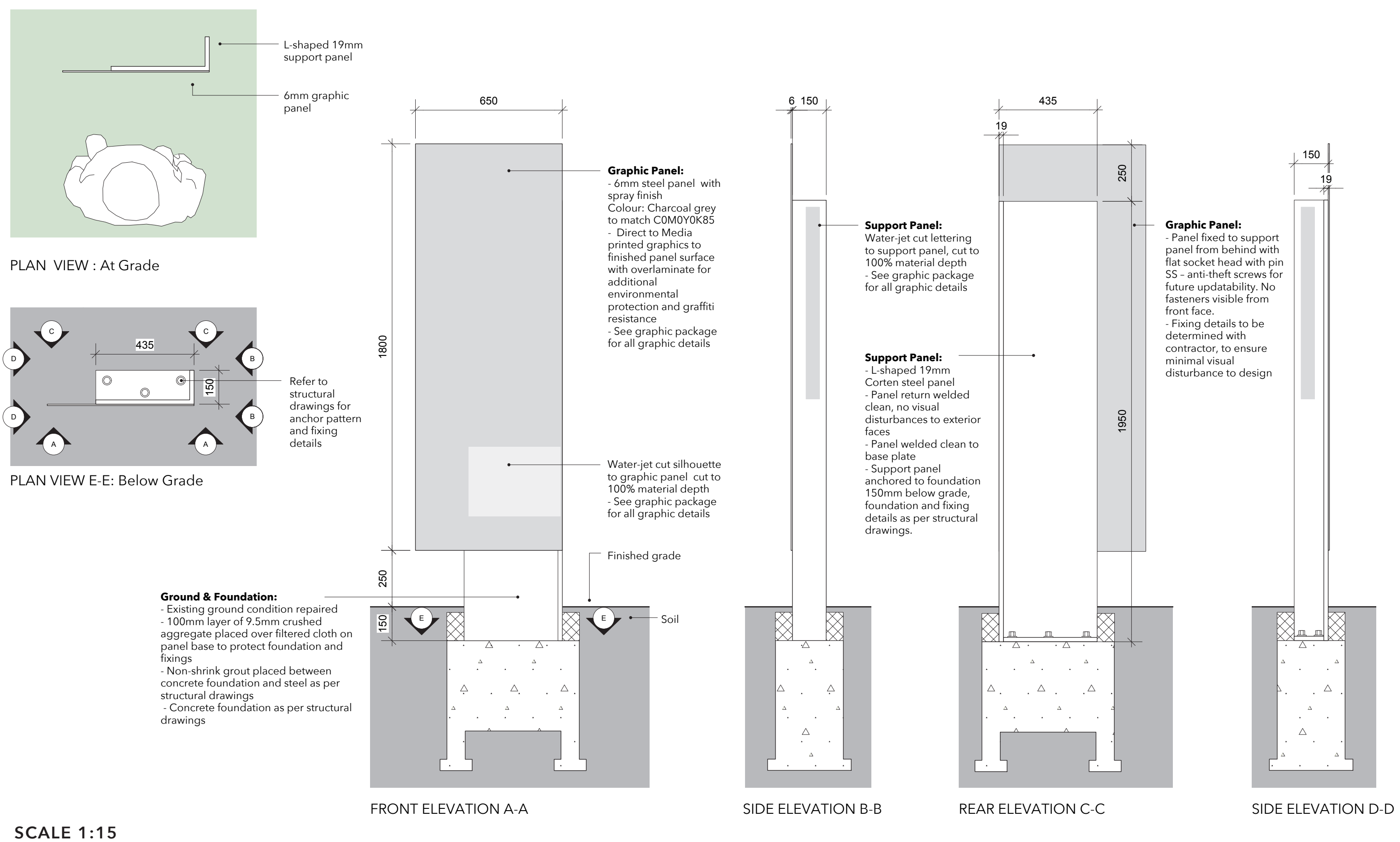
NOTE:

- For illustration purposes only
- Each panel to have unique graphic
- Final artwork to follow
- Refer to signage support drawings for all quantities, dimensions and fabrication details

TYPE A: ARRIVAL SIGN (1 UNITS)



TYPE B: ORIENTATION SIGNS (5 UNITS)



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A Detail No.
No. du detail
B drawing no. - where detail required
dessin no. - où detail exigé
C drawing no. - where detailed
dessin no. - où détaillé

project title
titre du projet
**BIG CREEK NATIONAL
WILDLIFE AREA
VISITOR EXPERIENCE
IMPROVEMENTS**

drawing title
titre du dessin
INTERPRETIVE SIGNAGE DETAILS

drawn by
dessiné par
NURIA MONTBLANCH DESIGN

designed by
conçu par
NURIA MONTBLANCH DESIGN

approved by
approuvé par
NURIA MONTBLANCH

bid
offre
DEBI BANNON

project date
date du projet
2019-08-09

project no.
no. du projet
R.080100.001

drawing no.
dessiné no.
W1.0

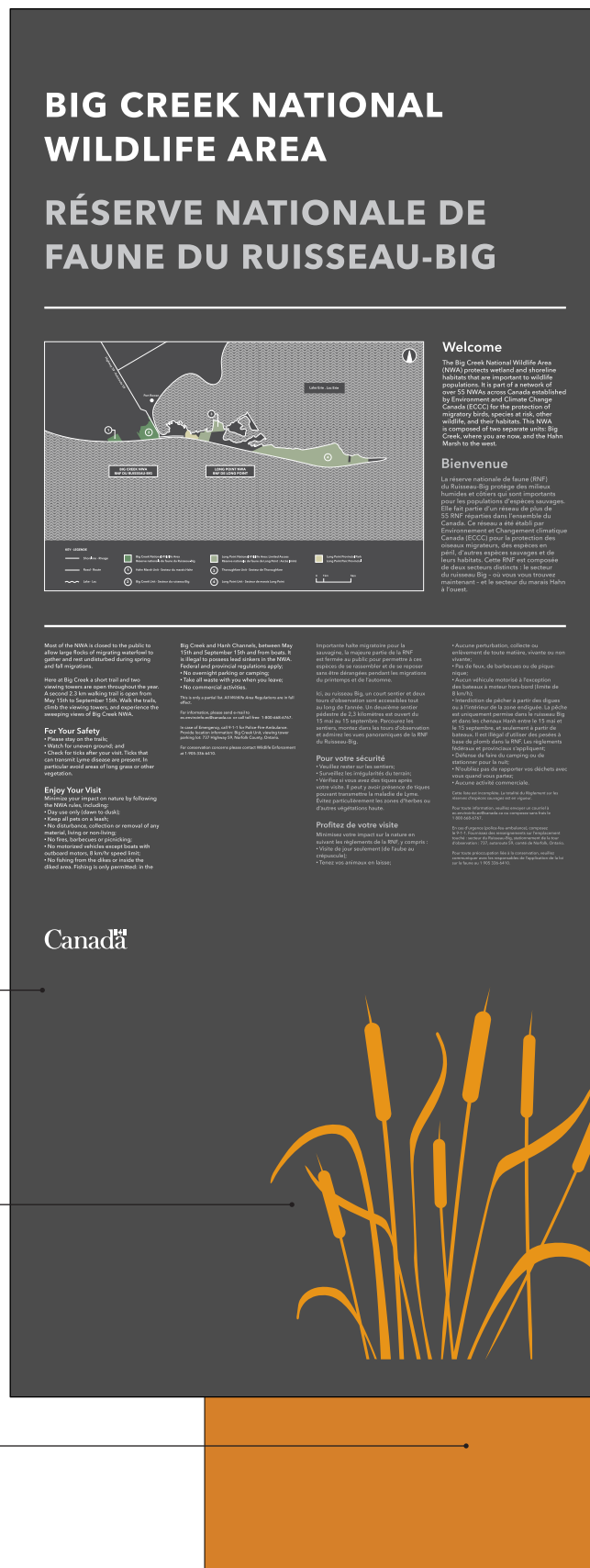
INTERPRETIVE SIGNAGE: GRAPHIC ELEVATIONS

TYPE A: ARRIVAL SIGN
QUANTITY: 1

Graphic panel: Sprayed steel with charcoal paint finish and direct to media print (text, maps, images / illustrations)

Silhouette cut from graphic panel at 100% panel depth to expose Corten panel behind

Support panel: Corten steel finish



WELCOME . BIENVENUE

Text cut from support panel at 100% panel depth

SIGN #2: (A.1) Front & Side Elevations

TYPE B: ORIENTATION SIGN
QUANTITY: 5

Text cut from support panel at 100% panel depth

Graphic panel: Sprayed steel with charcoal paint finish and direct to media print (text, maps, images / illustrations)

Silhouette cut from graphic panel at 100% panel depth to expose Corten panel behind

Support panel: Corten steel finish



BIG CREEK . RUISSEAU-BIG

SIGN #3: (B.1) Front & Side Elevations

NOTE:

- For illustration purposes only
- Final artwork to be given to successful bidder at time of award
- Refer to signage support drawings for all quantities, dimensions and fabrication details

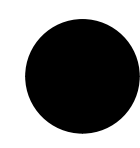


Public Works and
Government Services Canada
Travaux publics et
Services gouvernementaux Canada

**Nuria Montblanch Design**

46 Rusholme Rd | Toronto ON | M6J 3H4
T 416.825.5758 | W nuriamontblanch.com

Do not scale drawings.
Verify all dimensions and conditions on site and immediately
notify the Departmental Representative of all discrepancies.



- A Detail No.
No. du détail
B drawing no. - where detail required
dessin no. - où détail exigé
C drawing no. - where detailed
dessin no. - où détaillé

project title
titre du projet

**BIG CREEK NATIONAL
WILDLIFE AREA
VISITOR EXPERIENCE
IMPROVEMENTS**

drawing title
titre du dessin

**INTERPRETIVE SIGNAGE:
GRAPHIC ELEVATIONS**

drawn by
dessiné par**NURIA MONTBLANCH DESIGN**designed by
conçu par**NURIA MONTBLANCH DESIGN**approved by
approuvé par**NURIA MONTBLANCH**bid
offre**DEBI BANNON**project manager
administrateur
de projetsproject date
date du projet**2019-08-09**project no.
no. du projet**R.080100.001**drawing no.
dessiné no.**W1.1**

BIG CREEK . RUISSEAU-BIG

SIGN #4: (B.2) Front & Side Elevations



BIG CREEK . RUISSEAU-BIG

SIGN #5: (B.3) Front & Side Elevations



BIG CREEK . RUISSEAU-BIG

SIGN #6: (B.4) Front & Side Elevations

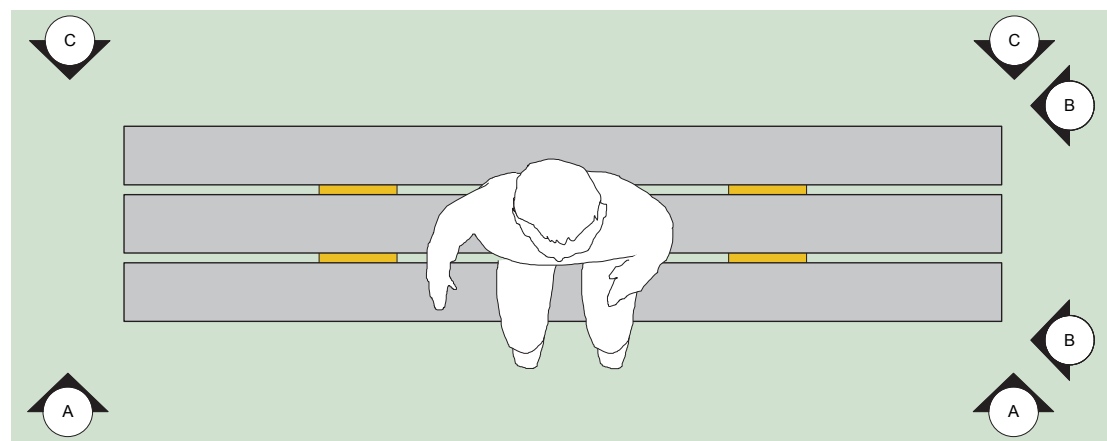


BIG CREEK . RUISSEAU-BIG

SIGN #7: (B.5) Front & Side Elevations

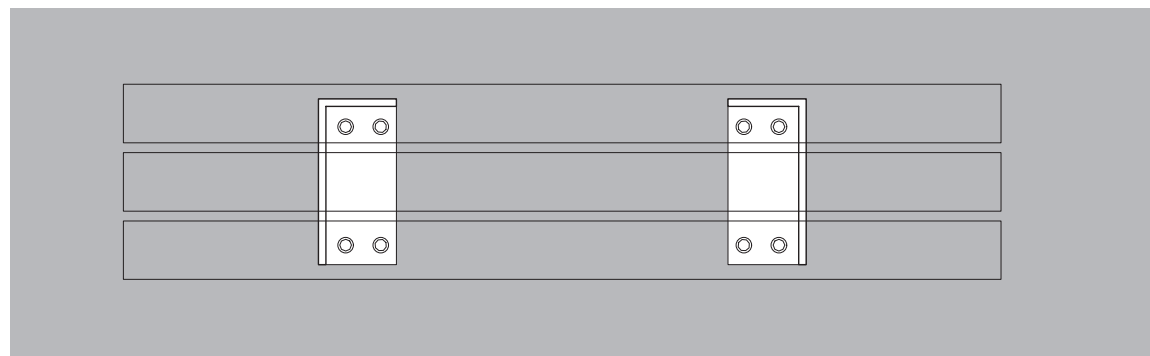
SCALE 1:10

BENCHES: 10 UNITS THROUGHOUT NODES



PLAN VIEW : At Grade

Bench Structure:
- Heavy-duty wooden beams for bench seating, refer to specification for materials and finishes
- L-shaped 12mm Corten steel panel supports
- Panel returns welded clean, no visual disturbances to exterior faces
- Panels welded clean to 3mm top plate & base plate
- Base plate anchored to foundation 150mm below grade, foundation and fixing details as per structural drawings

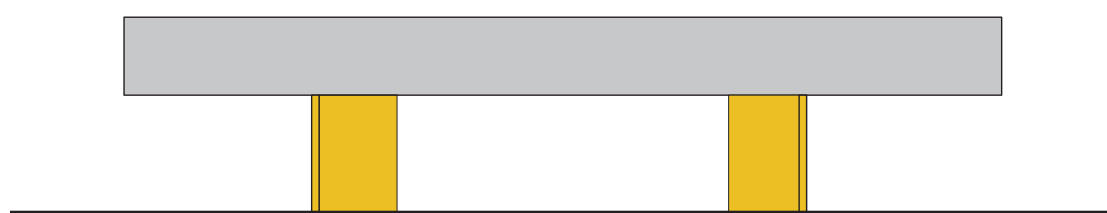


PLAN VIEW D-D: Below Grade

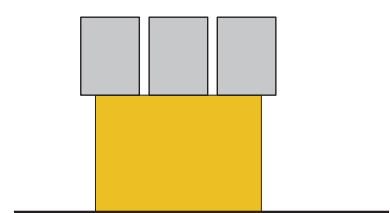
Timber beams bolted from underside of steel plate with anti-theft screws for future updatability. No fasteners visible from top face.



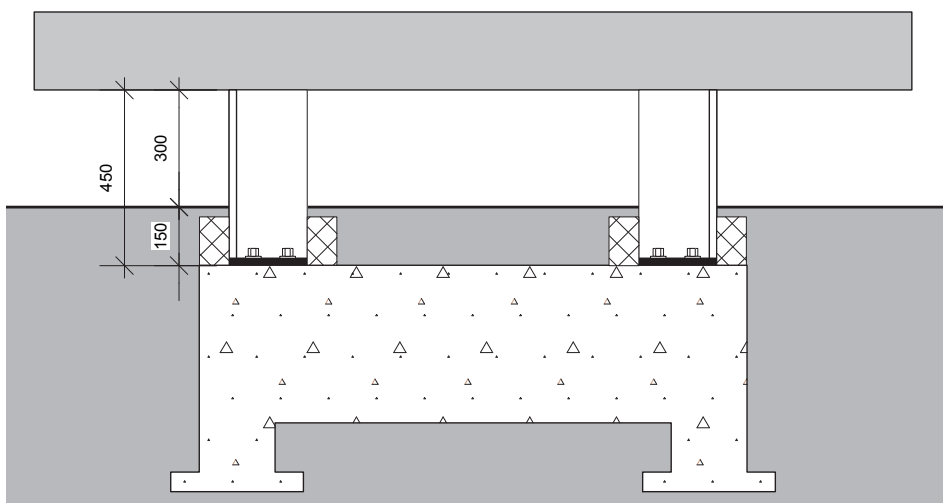
REFLECTED PLAN E-E: Fixings viewed from below



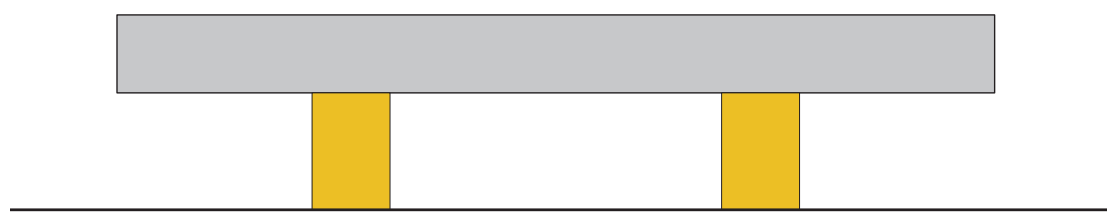
FRONT ELEVATION A-A



SIDE ELEVATION B-B

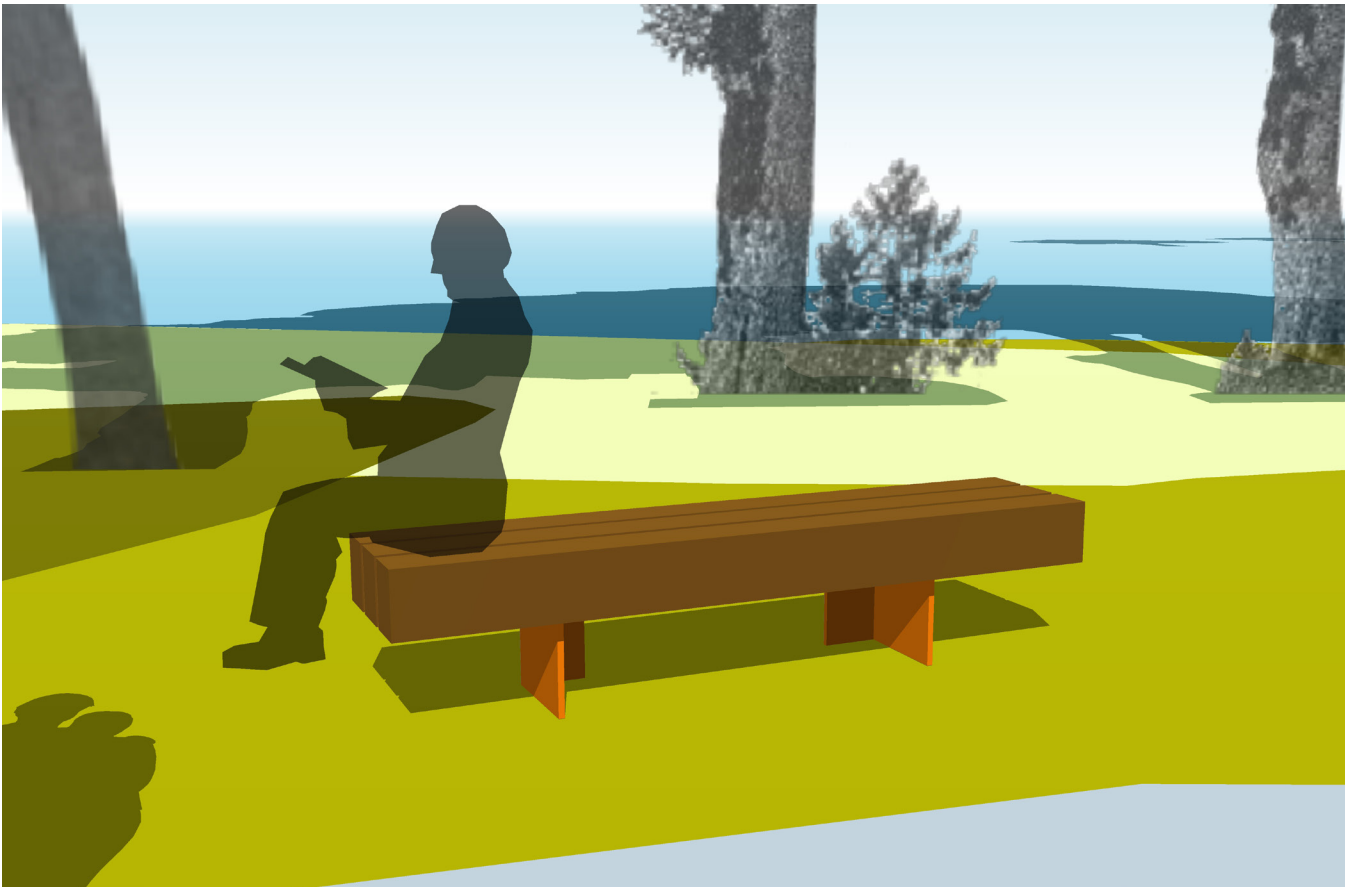



SECTION VIEW A-A: Through Grade



REAR ELEVATION C-C

SCALE 1:20



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



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revision		date

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BENCH DETAILS

drawn by
dessine par
NURIA MONTBLANCH DESIGN

designed by
conc par
NURIA MONTBLANCH DESIGN

approved by
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bid
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W2.0