

Parks
Canada

Parcs
Canada

PARKS CANADA AGENCY

MOST EASTERLY POINT - SITE IMPROVEMENTS

NL

PROJECT NO. 60480628 ISSUED FOR TENDER

DRAWING LIST

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G2 EXISTING SITE CONDITIONS AND REMOVALS PLAN
G3 CONSTRUCTION STAGING PLAN

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C2 PROPOSED MOST EASTERLY POINT DECK, GRADING AND STAIRCASE PLAN
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C6 PROPOSED LOOKOUT AREA 3 PLAN AND SECTIONS
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STRUCTURAL

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S2 TYPICAL STAIRCASE PLAN, ELEVATION AND SECTIONS
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GENERAL NOTES:

THE FOLLOWING NOTES SHALL BE READ IN CONJUNCTION WITH NOTES ON OTHER DRAWINGS:

1. SURVEY DATA TAKEN FROM HAWKO KING RENOUF / ALLNORTH TOPOGRAPHIC SURVEY DECEMBER 2015.
2. ALL ELEVATIONS ARE IN METERS AND DIMENSIONS ARE INDICATED IN MILLIMETERS.
3. ALL EXISTING CONTOURS ARE SHOWN AT 2 METER INTERVALS.
4. ALL PROPOSED CONTOURS ARE SHOWN AT 1 METER INTERVALS.
5. DRAWINGS IN GENERAL, ARE TO SCALE, BUT FIGURED DIMENSIONS SHALL ALWAYS BE FOLLOWED. THE DRAWINGS SHALL NOT BE SCALED.
6. ALL ELEVATIONS AND DIMENSIONS ARE TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE DEPARTMENT REPRESENTATIVE PRIOR TO PROCEEDING WITH WORK.
7. CONTRACTOR TO CONFIRM LOCATES WITH DEPARTMENT REPRESENTATIVE.
8. STAKE AND LAYOUT WORK TO THE APPROVAL OF THE DEPARTMENT REPRESENTATIVE AT NO COST TO THE CONTRACT.
9. PROVIDE PROTECTION TO ALL EXISTING STRUCTURES AND SURFACES WHICH ARE TO REMAIN AS PART OF THE FINISHED WORK TO THE SATISFACTION OF THE DEPARTMENT REPRESENTATIVE.
10. CONTINUE ALL WORK WITHIN THE LIMIT OF WORK LINE UNLESS NOTED OTHERWISE. ANY DAMAGE BY THE CONTRACTOR TO EXISTING AREAS IN AND AROUND THE SITE SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE DEPARTMENT REPRESENTATIVE AT NO COST TO THE CONTRACT.
11. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS AS SET OUT IN THE NATIONAL BUILDING CODE OF CANADA 2015 (VOLUMES 1 AND 2) AND ITS SUPPLEMENTAL USER'S GUIDES AND ALL OTHER REFERENCED STANDARDS.
12. ALL SITE WORK ACTIVITIES SHALL CONFORM TO THE SAFE WORK PROCEDURES AND ENVIRONMENTAL REQUIREMENTS AS SET OUT BY THE APPLICABLE REGULATORY AUTHORITIES.
13. THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS SIGNED AND SEALED BY THE ENGINEER.
14. CONTRACTOR TO PROVIDE POWER AND WATER.
15. DEPARTMENT REPRESENTATIVE TO PROVIDE AS BUILT ELECTRICAL DRAWINGS.
16. FOR STRUCTURAL INFORMATION REFER TO STRUCTURAL DRAWINGS.

REMOVALS:

1. CONTRACTOR SHALL ENSURE MINIMAL VEGETATIVE DISTURBANCE.
2. LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETAILED LOCATION IN THE FIELD.
3. REMOVAL METHODS SHALL BE DONE TO THE SATISFACTION OF THE DEPARTMENT REPRESENTATIVE.
4. EXISTING INTERPRETIVE SIGNAGE IS TO BE SALVAGED AND RETURNED TO THE DEPARTMENT REPRESENTATIVE.
5. EXISTING CROSS AND CONCRETE FOUNDATION TO BE SALVAGED AND RELOCATED AS INDICATED ON THE DRAWINGS AND /OR TO THE SATISFACTION OF THE DEPARTMENT REPRESENTATIVE.

TIMBER DECKS:

1. DIMENSIONAL TIMBER DECKING SHALL BE EASTERN WHITE CEDAR No. 1 IN ACCORDANCE WITH CSA 080 AND CANADIAN GRADING RULES.
2. ALL NON-TOUCH TIMBER SHALL BE PRESERVE ACQ PRESSURE TREATED IN ACCORDANCE WITH CSA 080 AND REFERENCED STANDARDS, WITH A RETENTION OF 24kg/m³.
3. TIMBER SHALL BE CUT TO LENGTH AS PRACTICAL BEFORE PRESSURE TREATMENT. FIELD CUTS WILL BE USED ONLY WHERE REQUIRED. END TREATMENTS AT FIELD CUTS SHALL RECEIVE THREE COATS OF PRESERVATIVE. PRESERVATIVE WILL BE AS USED FOR ORIGINAL TREATMENT, UNLESS OTHERWISE SPECIFIED.
4. DRIFT PINS, NAILS AND HARDWARE SHALL BE HOT DIP GALVANIZED.
5. FOLLOW PCA GUIDELINES FOR THE USE, HANDLING AND DISPOSAL OF TREATED WOOD: [HTTPS://BUYANDESELL.GC.CA/CDS/PUBLIC/2013/08/13/859712001DD972216E852781F34D28FE/ANNEX_E_TREATED_WOOD_GUIDELINES_-_ENG.PDF](https://buyandsell.gc.ca/cds/public/2013/08/13/859712001DD972216E852781F34D28FE/ANNEX_E_TREATED_WOOD_GUIDELINES_-_ENG.PDF)

NATURALIZED AREAS:

1. CONTRACTOR SHALL ENSURE MINIMAL VEGETATIVE DISTURBANCE.
2. CONTRACTOR SHALL ENSURE NATURALIZED AREAS ARE FREE OF CONSTRUCTION DEBRIS PRIOR TO PLACEMENT OF SALVAGED NATIVE TOPSOIL.
3. SALVAGED NATIVE TOP SOILED AREAS TO BE ROLLED, WHERE POSSIBLE, AFTER INSTALLATION.
4. FINISHED GRADES OF SOIL PLACEMENT ADJACENT TO ALL ASPHALT SURFACES, WHEN PLACED AND ROLLED, SHALL BE LEVEL WITH TOP OF SURFACE.
5. SALVAGED NATIVE TOP SOIL DEPTHS FOR NATURALIZED AREAS SHALL BE A MINIMUM OF 150MM OR SUCH THAT ADEQUATE MOISTURE IS PROVIDED FOR NATIVE PLANT ESTABLISHMENT AND GROWTH.
6. NATURALIZED AREAS ARE TO ENSURE POSITIVE DRAINAGE TO EDGES OF LIMIT OF WORK.
7. CONTRACTOR TO ENSURE THAT ALL NATURALIZED AREAS ARE WELL WATERED AT THE TIME OF INSTALLATION.
8. KEY BOULDERS SALVAGED FROM SITE ARE TO BE 'PLANTED' IN THE GROUND SUCH THAT 1 /3 OF THEIR HEIGHT IS SET BELOW GRADE WHERE POSSIBLE AND THEIR HEIGHT ABOVE GRADE DOES NOT EXCEED 600mm.

STAGE 1

CONSTRUCTION TO BE COMPLETED BY MAY 1st 2017

1. POST SIGNAGE INFORMING THE PUBLIC OF UPCOMING SITE IMPROVEMENTS
2. LOCATE THE EXISTING SANITARY SEWER LINE.
3. REMOVE A SECTION OF THE EXISTING BOARDWALK AND REINSTATE WITH LOOKOUT AREA 3 DECK INCLUDING A RAILING AND ONE WOODEN BENCH.

* ORDER MAY VARY

STAGE 2

CONSTRUCTION TO BE COMPLETED BY NO LATER THAN JULY 15, 2017

1. SCRAPE OFF ALL EXISTING BLUE GRAVEL AND EXPOSE NATURAL SURFACE BENEATH.
2. RE-GRADE THE 'POINT' OFF OF THE STEEP MAN-MADE SLOPE. RESHAPE SLOPE BY MOVING LARGE ROCKS, RE-GRADING THE PROFILE, AND NATURALIZING THE SURFACE AREA IN KEY PLACES WITH STOCKPILED TOPSOIL.
3. REMOVE, REALIGN, AND REPLACE OLD CHAIN LINK FENCE WITH NEW.
4. INSTALL SIGNPOST AT LOCATION REFERENCED.
5. INSTALL TWO WOOD BENCHES ON CONCRETE PADS AT LOCATIONS SHOWN.
6. INSTALL SALVAGED CROSS AT LOCATION SHOWN
7. PROVIDE RED GRAVEL IN FOOT TRAFFIC AREAS
8. REMOVE TEMPORARY CHAIN LINK FENCE AND REOPEN TO THE PUBLIC.
9. SOFT LANDSCAPE WORKS INCLUDING GRADING, LAYING LOCALLY SOURCED CRUSHED RED GRAVEL IN DESIGNATED FOOT TRAFFIC AREAS, AND NATURALIZING SLOPES.

* ORDER MAY VARY

STAGE 3

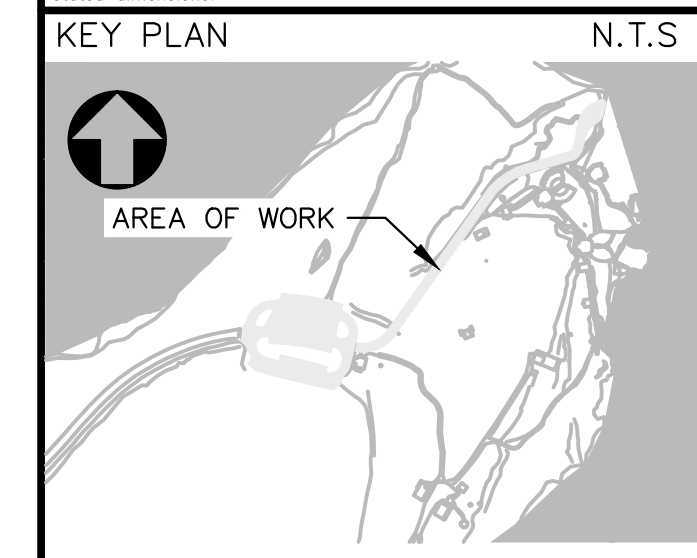
TO BE COMPLETED BY SEPTEMBER 1ST 2017. WORK CONDUCTED IN EXISTING GRASSLANDS IS TO NOT COMMENCE PRIOR TO JULY 15, PCA WILL CONDUCT A VISUAL NESTING SURVEY IN ADVANCE OF CONSTRUCTION.

1. LOCATE THE EXISTING SANITARY SEWER LINE
2. CONFIRM ALIGNMENT OF NEW WOODEN STAIRCASE LINK FROM LOWER BOARDWALK TO UPPER MEP AREA.
3. DEMOLISH AND REMOVE EXISTING MOST EASTERLY POINT ASPHALT DECK AND WOODEN HANDRAIL. INTERPRETIVE SIGNAGE TO BE DELIVERED TO DEPARTMENT REPRESENTATIVE.
4. CONSTRUCT NEW WOODEN STAIRCASE
5. CONSTRUCT NEW MEP DECK
6. INSTALL ELECTRICAL CONNECTIONS FROM NEW WW II BATTERY JUNCTION BOX. TRENCHING WILL BE REQUIRED.
7. INSTALL REQUIRED LENGTHS OF ALUMINUM HANDRAIL
8. RECONSTRUCT ASPHALT TRAIL AND LOOKOUT AREA 2
9. CONSTRUCT LOOKOUT AREA 1 WOOD DECK.
10. SOFT LANDSCAPE WORKS INCLUDING GRADING, LAYING LOCALLY SOURCED CRUSHED RED GRAVEL IN DESIGNATED FOOT TRAFFIC AREAS, AND NATURALIZING SLOPES.

* ORDER MAY VARY



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LEGEND



1	ISSUED FOR TENDER	02/07/2017
revisions		date

project projet
**PARKS CANADA AGENCY
 MOST EASTERLY POINT
 SITE IMPROVEMENTS**

drawing dessin
GENERAL NOTES

designed N. MAY	conçu
date 2017.01.06	
drawn M. AL-MIARI	dessiné
date 2017.01.06	
approved R. RICE	approuvé
date 2017.01.06	
Tender R. GOURD	Soumission
PCA Project Manager	Administrateur de projets APC
project number	no. du projet
60480628	
drawing no.	no. du dessin
G1	

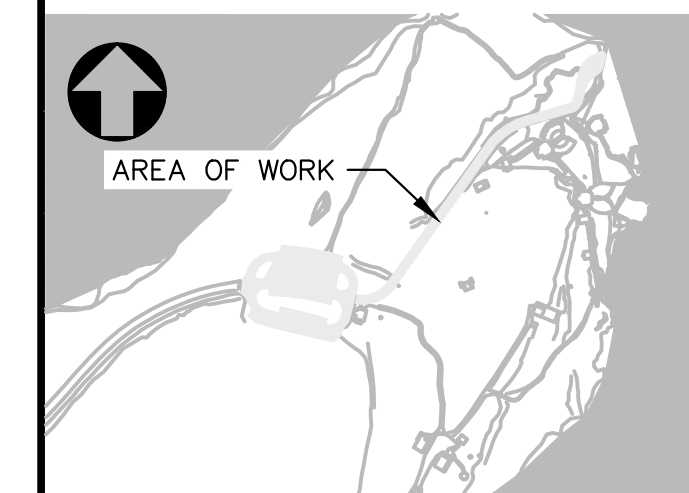
NOTE:

1. SURVEY DATA TAKEN FROM HAWKO KING RENOUF / ALLNORTH TOPOGRAPHIC SURVEY, DECEMBER 2015"



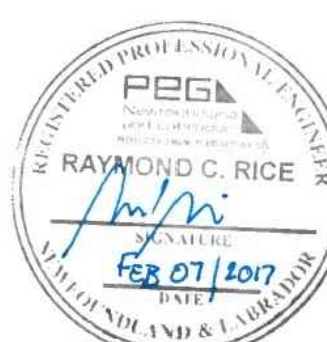
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KEY PLAN N.T.S.



LEGEND

- EXISTING ASPHALT (TO BE REMOVED)
- EXISTING SANITARY LINE
- EXISTING CHAIN LINK FENCE
- EXISTING CULVERT
- EX. BOARDWALK
- LIMIT OF WORK
- EXISTING DISCONNECTED UNDERGROUND POWER CABLE
- EXISTING SWALE



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revisions		date

project project
**PARKS CANADA AGENCY
 MOST EASTERLY POINT
 SITE IMPROVEMENTS**

drawing dessin
**EXISTING SITE
 CONDITIONS AND
 REMOVALS PLAN**

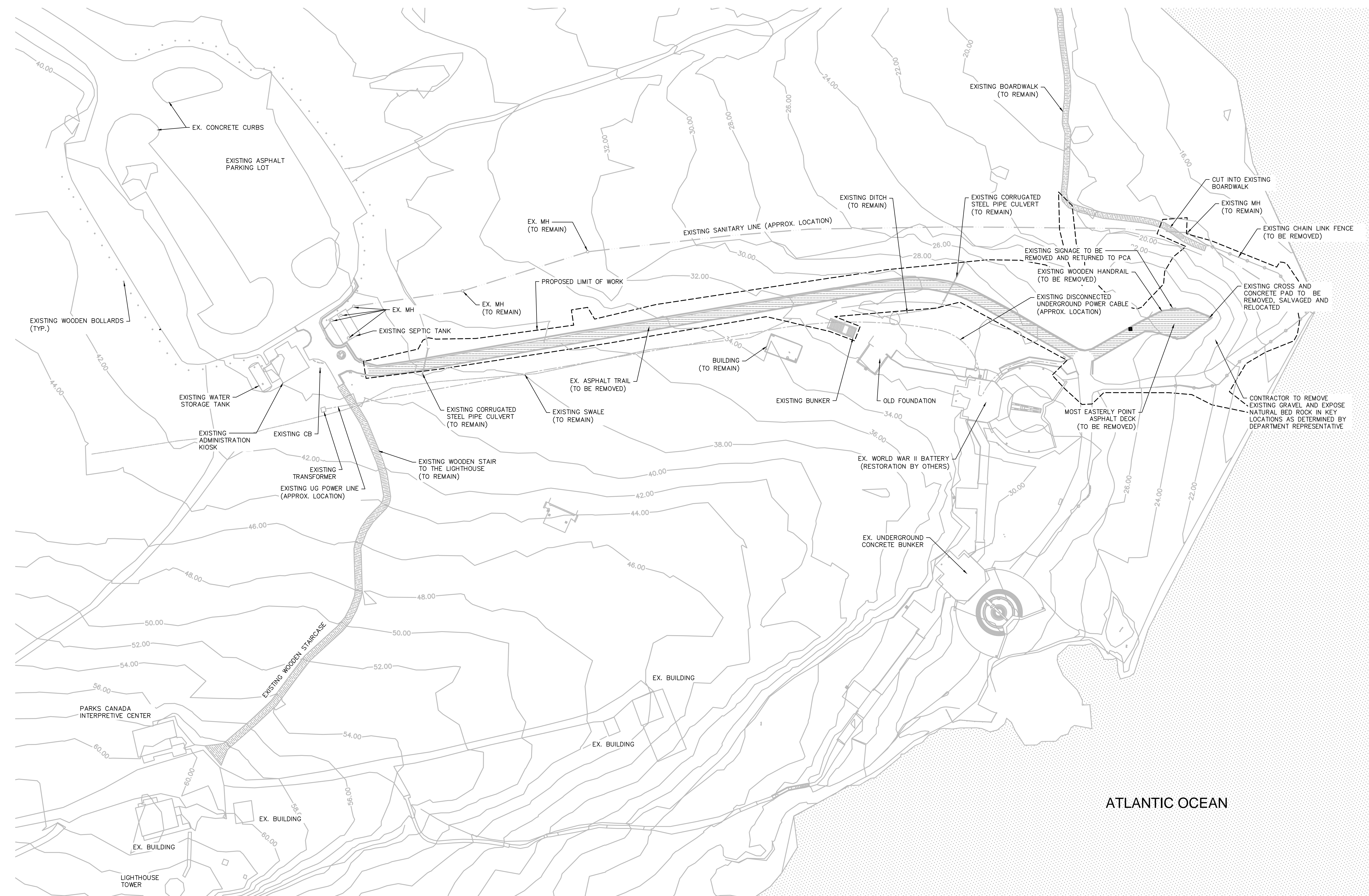
designed N. MAY	conçu
date 2016.02.22	
drawn M. AL-MIARI	dessiné
date 2016.02.22	
approved R. RICE	approuvé
date 2016.02.22	

Tender Submission
 R. GOURD
 PCA Project Manager Administrateur de projets APC

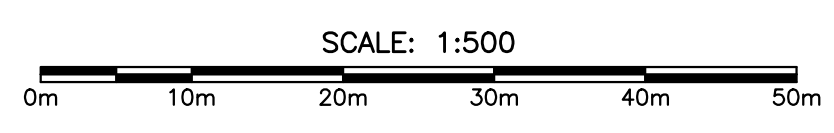
project number no. du projet
60480628

drawing no. no. du dessin
G2

GRID NORTH
 U.T.M. ZONE 18
 UNIVERSAL TRANSVERSE MERCATOR

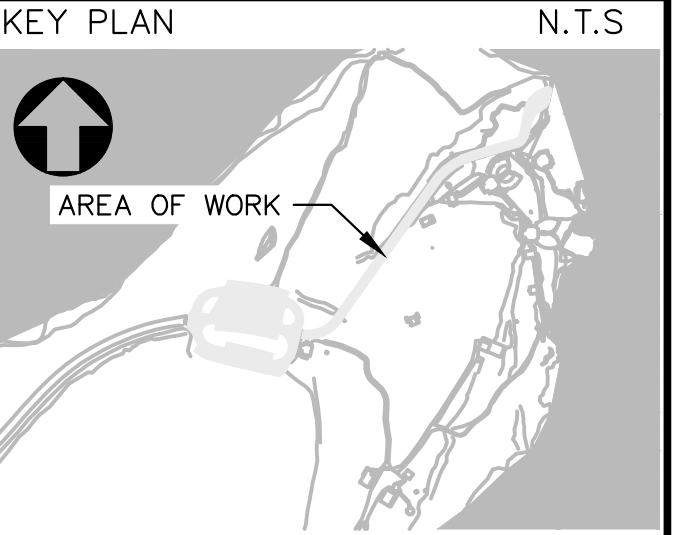


EXISTING SITE CONDITIONS AND REMOVALS PLAN

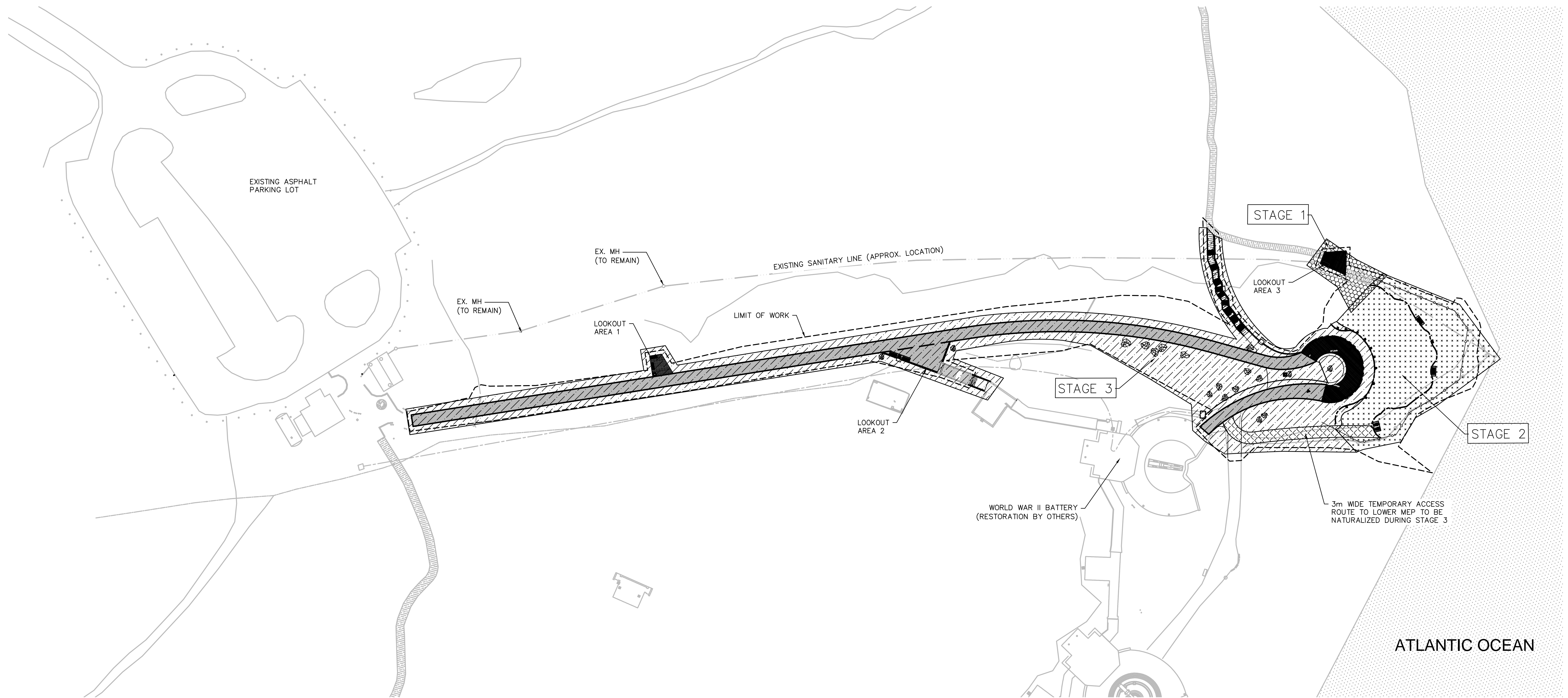


GRID NORTH
 U.T.M. TRANSVERSE MERCATOR
 N.A.D. 83 ZONE 1

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- LEGEND
- STAGE 1
 - STAGE 2
 - STAGE 3
 - TEMPORARY ACCESS



CONSTRUCTION STAGING PLAN
 SCALE: 1:500
 0m 10m 20m 30m 40m 50m

FOR STAGING NOTES AND DATES REFER TO GENERAL NOTES DRAWING G1



1	ISSUED FOR TENDER	02/07/2017
revisions		date

project: PARKS CANADA AGENCY
 MOST EASTERLY POINT
 SITE IMPROVEMENTS

drawing: CONSTRUCTION STAGING PLAN

designed N. MAY	conçu
date 2016.12.01	
drawn M. AL-MIARI	dessiné
date 2016.12.01	
approved R. RICE	approuvé
date 2016.12.01	
Tender R. GOURD	Soumission
PCA Project Manager	Administrateur de projets APC
project number 60480628	no. du projet
drawing no. G3	no. du dessin

GRID NORTH
UNIVERSAL TRANSVERSE
MERIDIAN
N.A.D. 83
ZONE 1

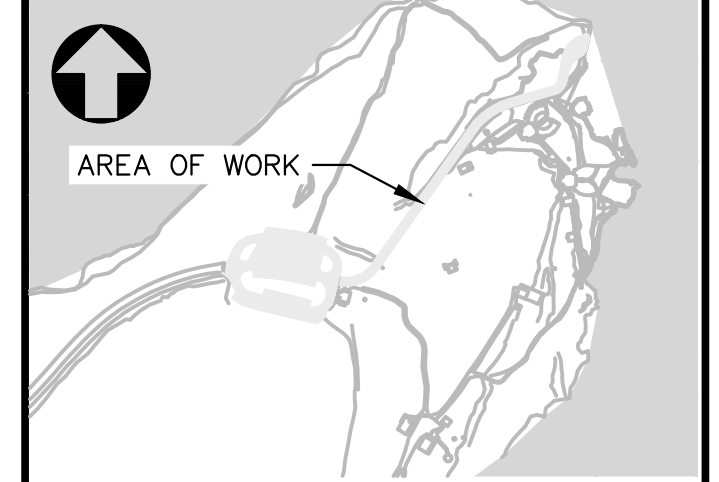
NOTES

1. REFER TO DRAWING C7 & C8 FOR CONSTRUCTION DETAILS
2. CONTRACTOR TO PROVIDE POWER AND WATER



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KEY PLAN N.T.S.



LEGEND

- PROPOSED ASPHALT
- EXISTING SANITARY LINE
- PROPOSED CHAIN LINK FENCE
- EXISTING CHAIN LINK FENCE
- PROPOSED WOOD DECK
- ALUMINUM HANDRAIL 1
- ALUMINUM HANDRAIL 2
- WOOD TRASH RECEPTACLE
- LIMIT OF WORK
- NATURALIZED AREA
- 150mm COMPACTED CLASS A LOCALLY SOURCED CRUSHED 3/4 MINUS RED GRAVEL WITHIN ALL NATURALIZED AREAS
- PROPOSED CONTOURS
- EXISTING CONTOURS
- FINISHED ELEVATION
- EXISTING ELEVATION

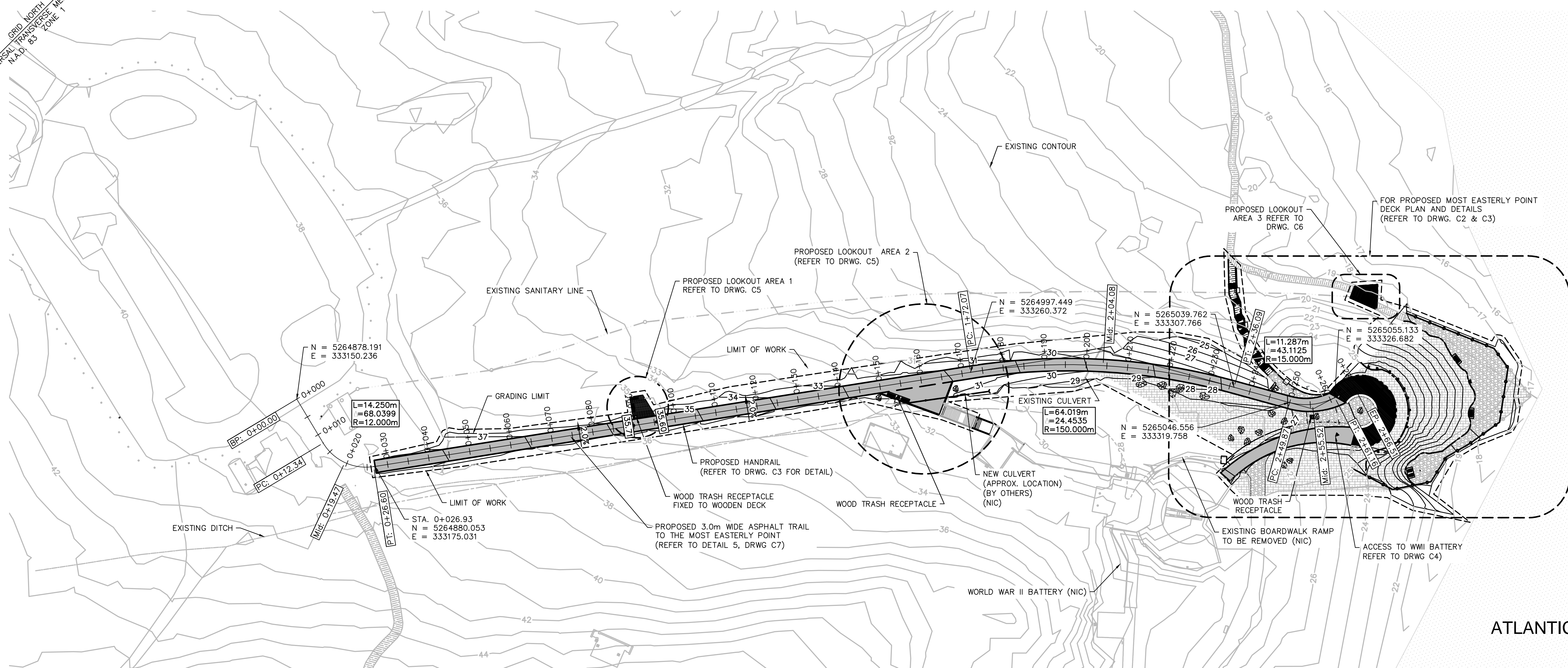


1	ISSUED FOR TENDER	02/07/2017
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**PARKS CANADA AGENCY
MOST EASTERLY POINT
SITE IMPROVEMENTS**

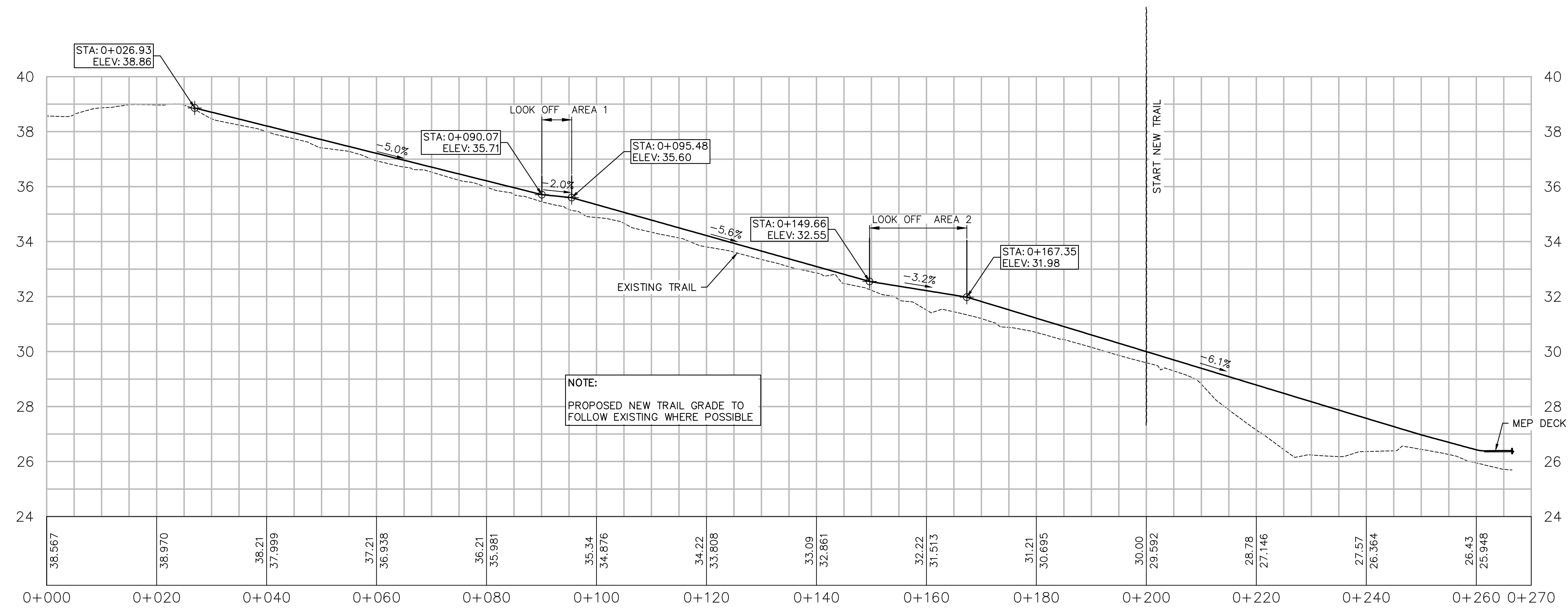
**SITE PLAN AND
PROPOSED
TRAIL PROFILE**

designed N. MAY	conçu
date 2016.02.22	
drawn M. AL-MIARI	dessiné
date 2016.02.22	
approved R. RICE	approuvé
date 2016.02.22	
Tender R. GOURD	Soumission
PCA Project Manager	Administrateur de projets APC
project number	no. du projet
60480628	
drawing no.	no. du dessin
C1	



SITE PLAN

SCALE: 1:500
0m 10m 20m 30m 40m 50m

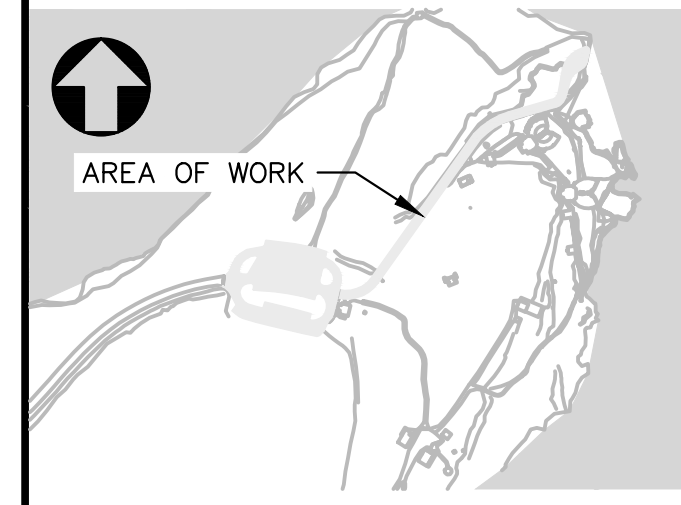


PROPOSED TRAIL CENTERLINE PROFILE

SCALE: 1:500H 1:100V
0m 10m 20m 30m 40m 50m

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KEY PLAN N.T.S.



- LEGEND**
- PROPOSED ASPHALT
 - EXISTING SANITARY LINE
 - PROPOSED CHAIN LINK FENCE
 - EXISTING CHAIN LINK FENCE
 - PROPOSED WOOD DECK
 - ALUMINUM HANDRAIL 1
 - ALUMINUM HANDRAIL 2
 - WOOD TRASH RECEPTACLE
 - LIMIT OF WORK
 - NATURALIZED AREA
 - 150mm COMPACTED CLASS A LOCALLY SOURCED CRUSHED 3/4 MINUS RED GRAVEL WITHIN ALL NATURALIZED AREAS
 - PROPOSED CONTOUR
 - EXISTING CONTOUR
 - FINISHED ELEVATION
 - EXISTING ELEVATION
 - TOP OF SLOPE
 - SUBDRAIN
 - KEY BOULDER LOCATION

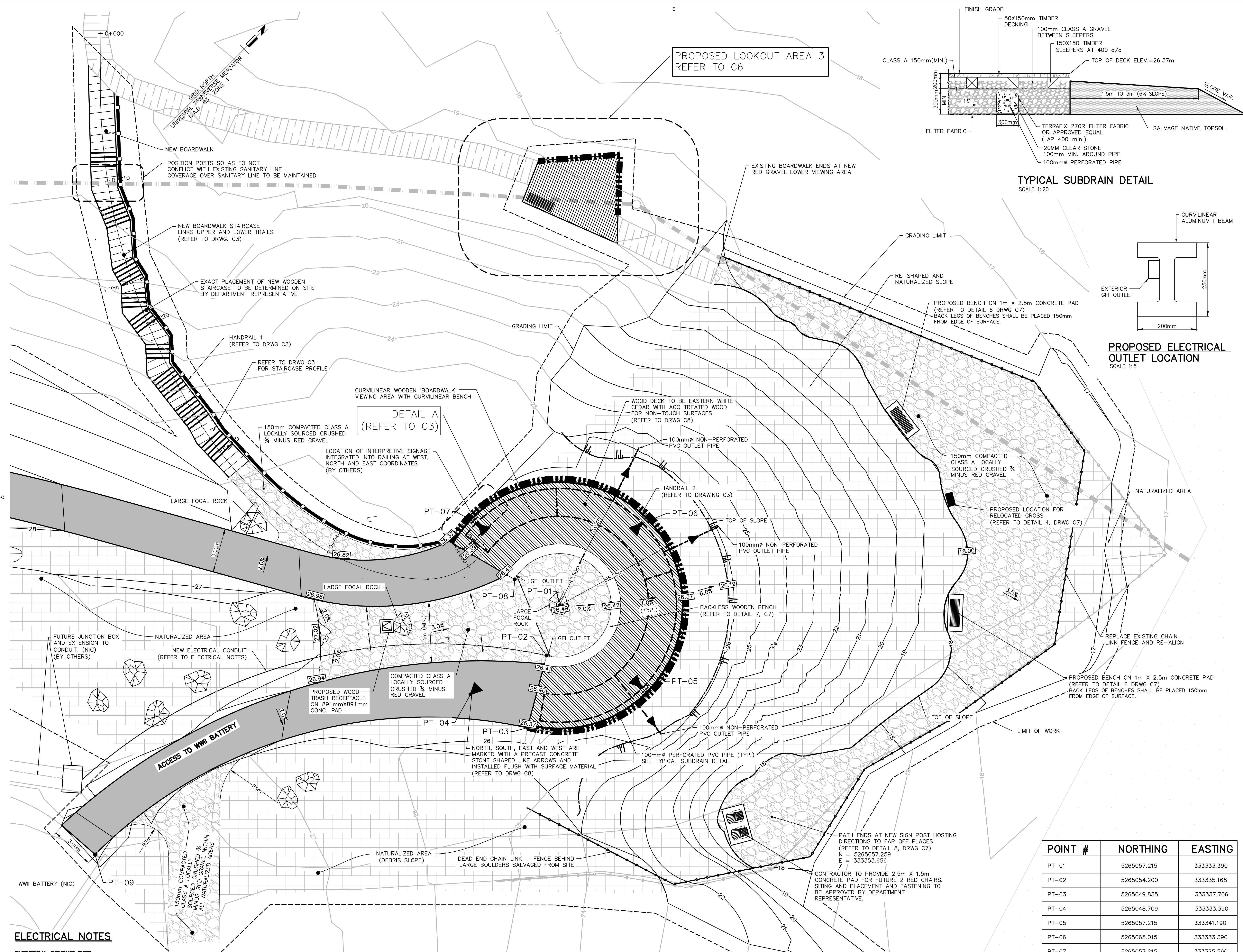


1	ISSUED FOR TENDER	02/07/2017
revisions		date
project		project

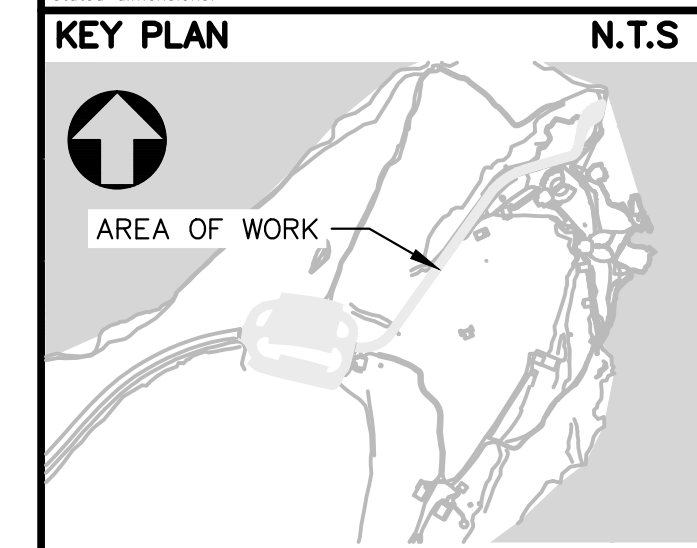
**PARKS CANADA AGENCY
MOST EASTERLY POINT
SITE IMPROVEMENTS**

**PROPOSED MOST EASTERLY POINT
DECK, GRADING
AND STAIRCASE PLAN**

designed N. MAY	conçu
date 2016.02.22	
drawn M. AL-MIARI	dessiné
date 2016.02.22	
approved R. RICE	approuvé
date 2016.02.22	
Tender R. GOURD	Soumission
PCA Project Manager	Administrateur de projets APC
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drawing no.	no. du dessin
C2	

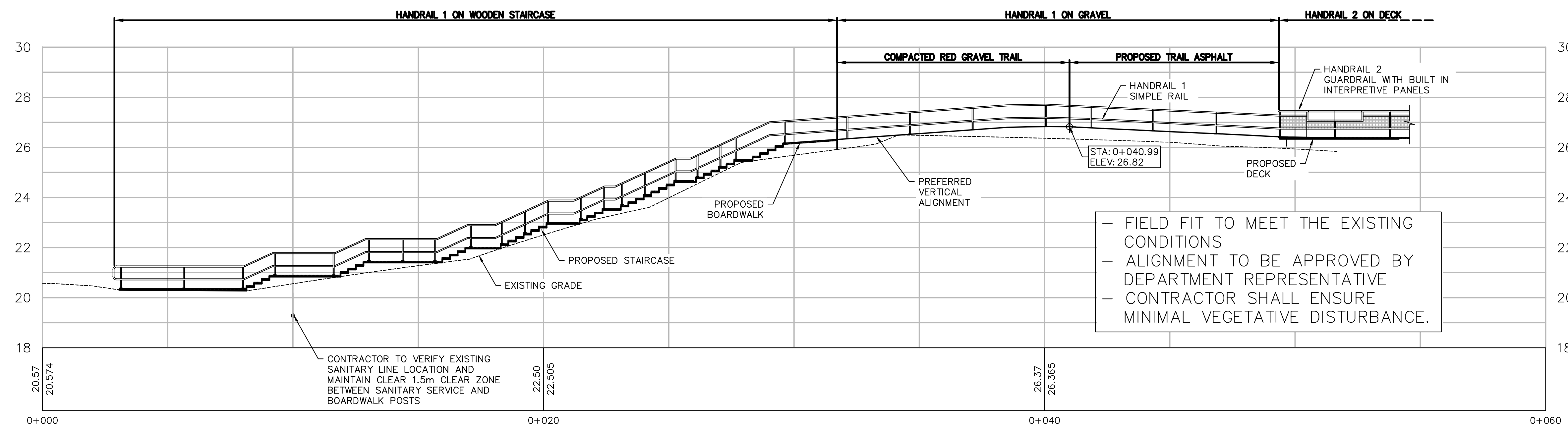


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LEGEND

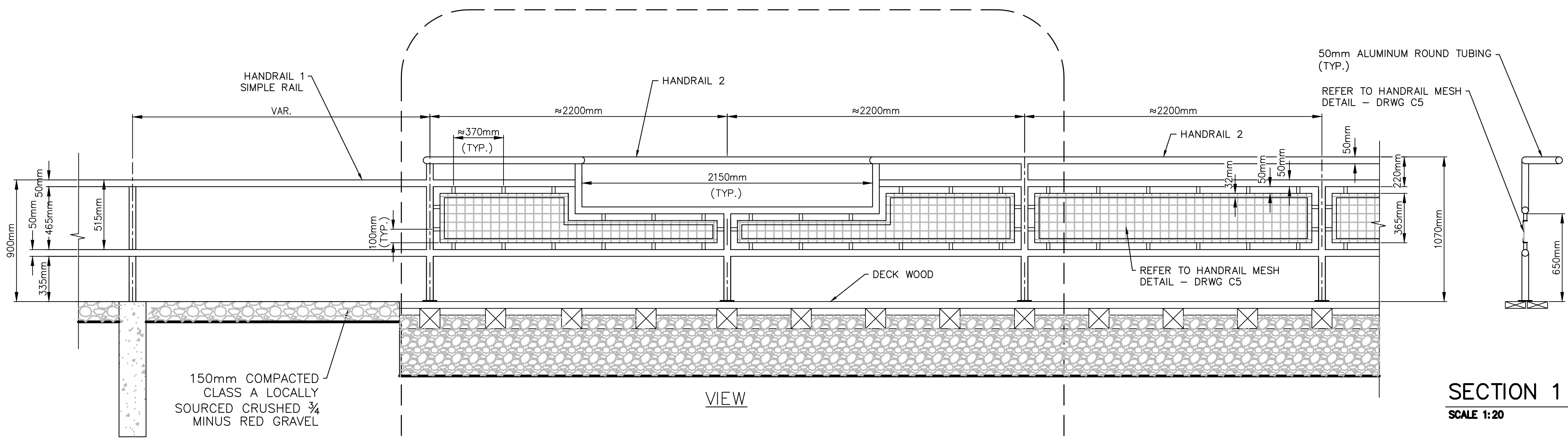
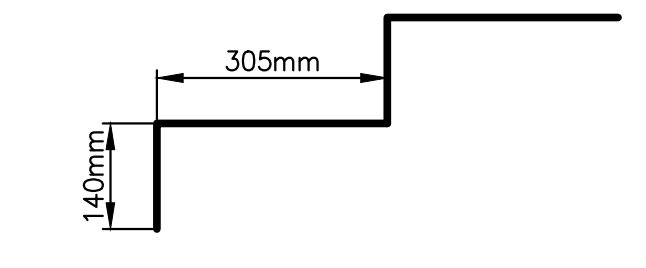
- PROPOSED ASPHALT
- EXISTING ASPHALT
- EXISTING SANITARY LINE
- CHAIN LINK FENCE
- PROPOSED WOOD DECK
- ALUMINUM HANDRAIL 1
- ALUMINUM HANDRAIL 2
- WOOD TRASH RECEPTACLE
- LIMIT OF WORK



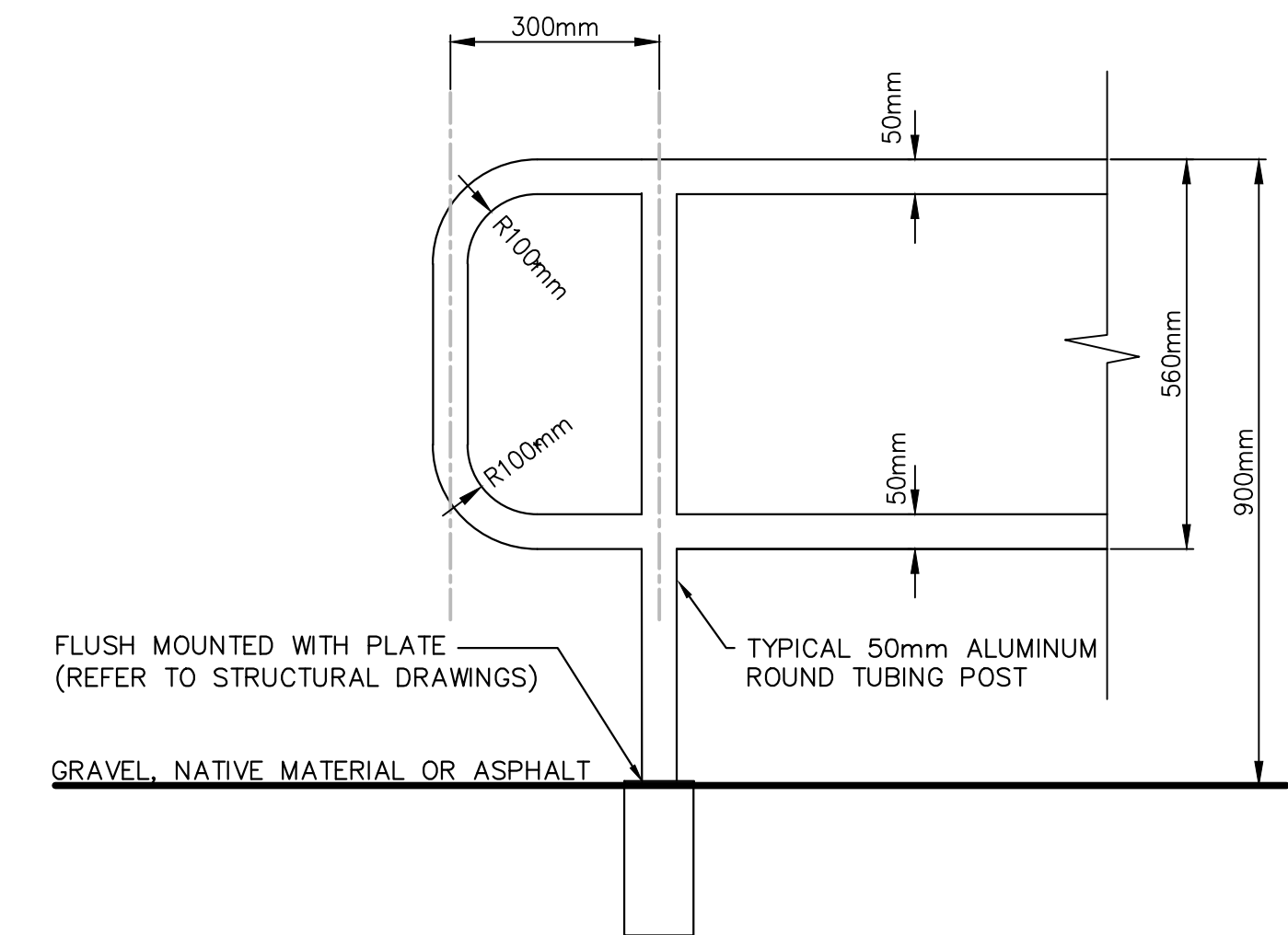
STAIRCASE PROFILE

SCALE : 1:100H 1:100V
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

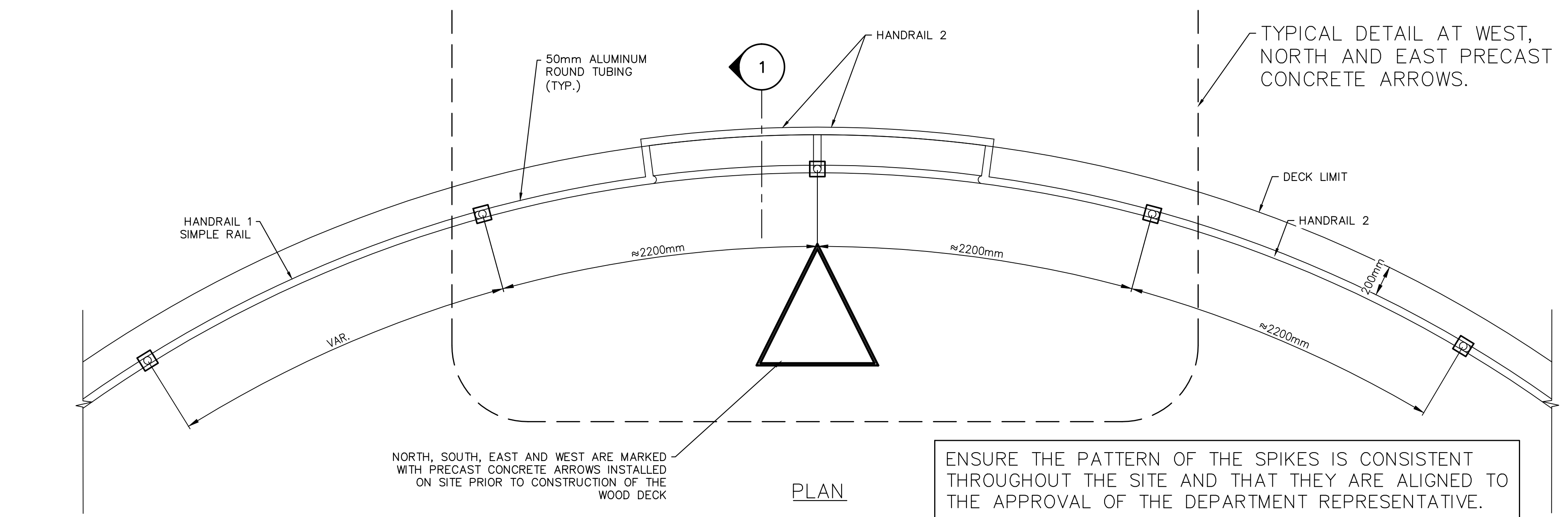
TYPICAL RISER DETAIL



SECTION 1
SCALE 1:20



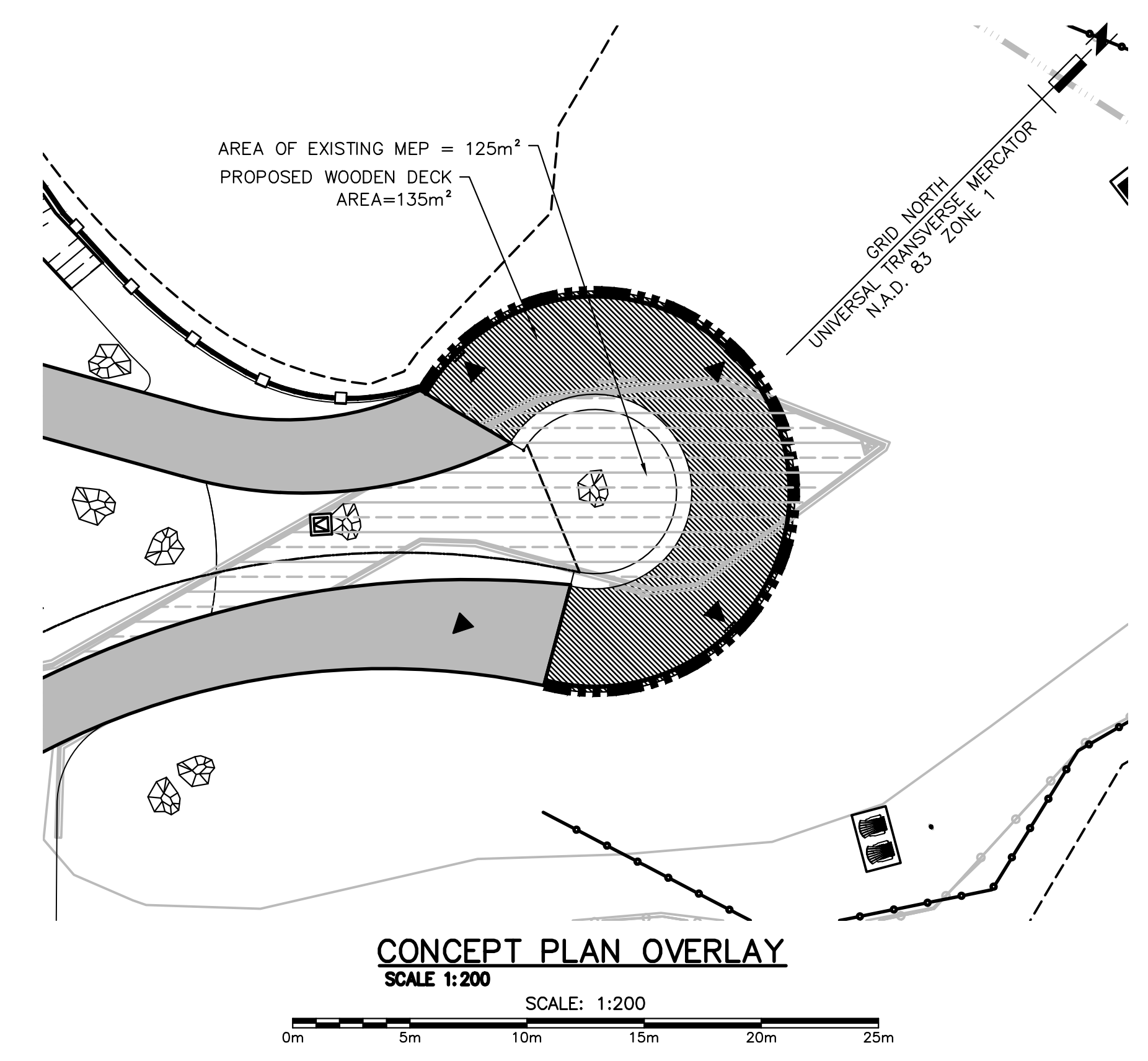
TYPICAL HANDRAIL END TYPES 1 & 2
SCALE 1:10



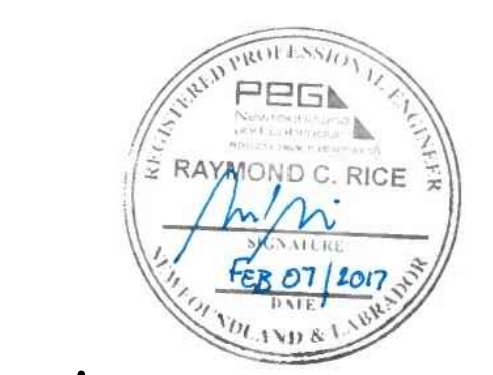
PLAN

DETAIL A
SCALE 1:20
0m 500mm 1000mm 1500mm 2000mm 2500mm

ENSURE THE PATTERN OF THE SPIKES IS CONSISTENT THROUGHOUT THE SITE AND THAT THEY ARE ALIGNED TO THE APPROVAL OF THE DEPARTMENT REPRESENTATIVE.



CONCEPT PLAN OVERLAY
SCALE 1:200



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**PARKS CANADA AGENCY
MOST EASTERLY POINT
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**PROPOSED MOST
EASTERLY POINT
DECK AND STAIRCASE
DETAILS**

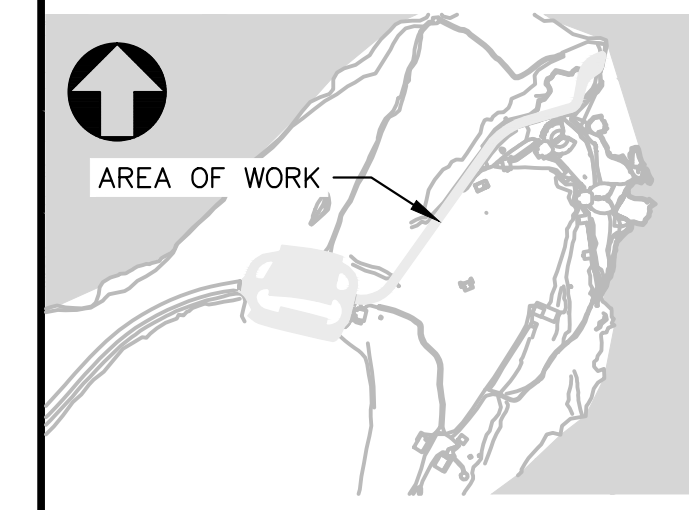
designed N. MAY	conçu
date 2016.02.22	
drawn M. AL-MIARI	dessiné
date 2016.02.22	
approved R. RICE	approuvé
date 2016.02.22	
Tender R. GOURD	Soumission
PCA Project Manager	Administrateur de projets APC
project number	no. du projet

60480628

C3

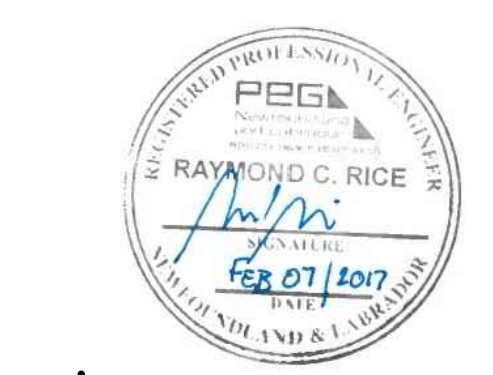
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KEY PLAN N.T.S.



LEGEND

- PROPOSED ASPHALT
- PROPOSED CHAIN LINK FENCE
- EXISTING CHAIN LINK FENCE
- PROPOSED WOOD DECK
- ALUMINUM HANDRAIL 1
- ALUMINUM HANDRAIL 2
- WOOD TRASH RECEPTACLE
- LIMIT OF WORK
- NATURALIZED AREA
- 150mm COMPACTED CLASS A LOCALLY SOURCED CRUSHED 3/4 MINUS RED GRAVEL WITHIN ALL NATURALIZED AREAS
- 26 PROPOSED CONTOUR
- 26 EXISTING CONTOUR
- 00.00 FINISHED ELEVATION
- 00.00 EXISTING ELEVATION
- KEY BOULDER LOCATIONS

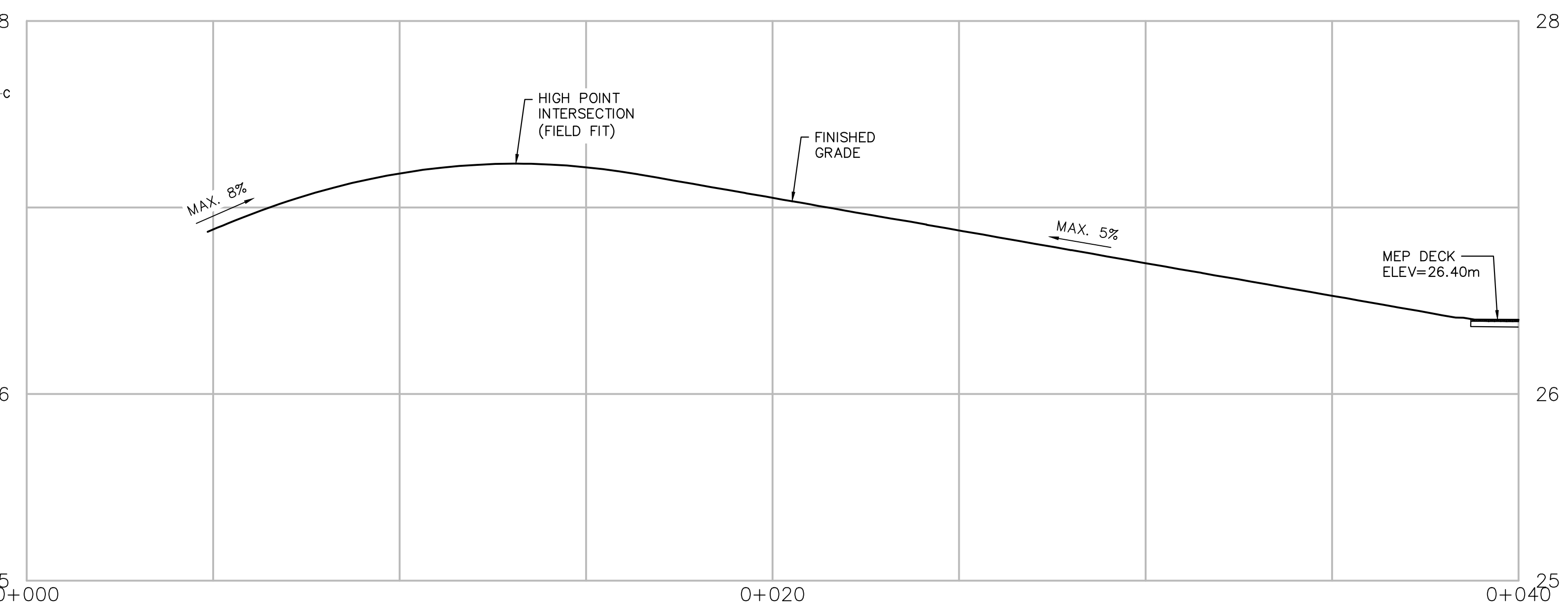
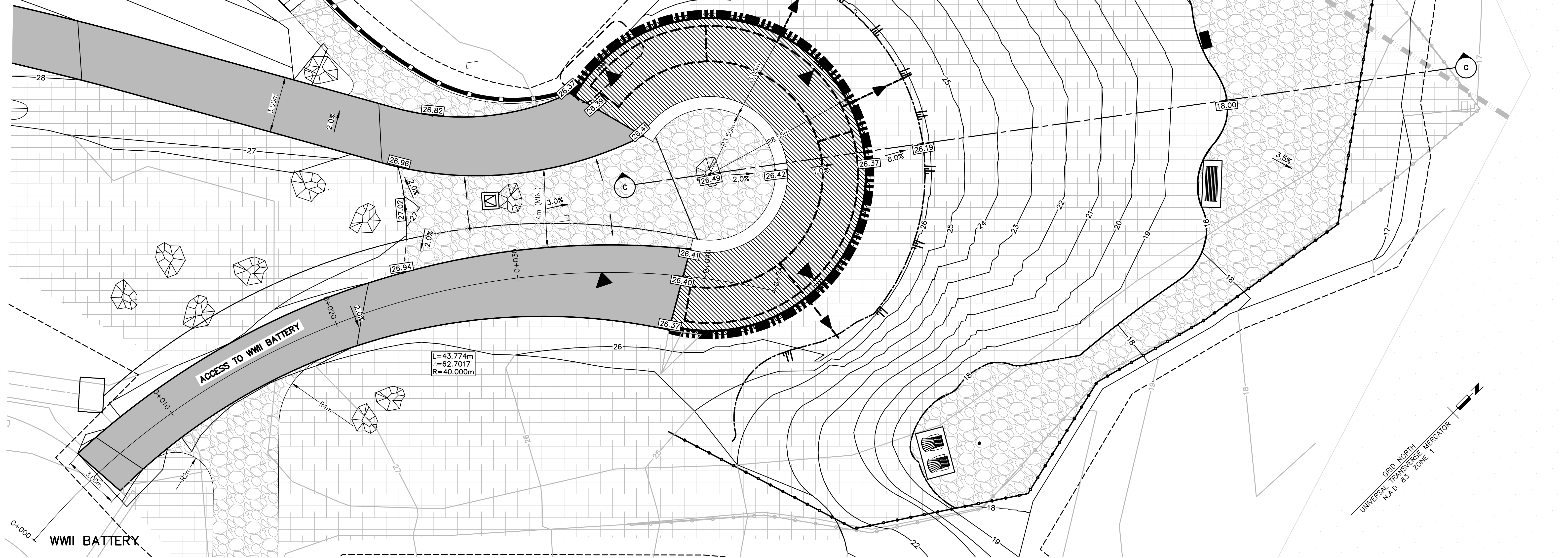


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**PARKS CANADA AGENCY
MOST EASTERLY POINT
SITE IMPROVEMENTS**

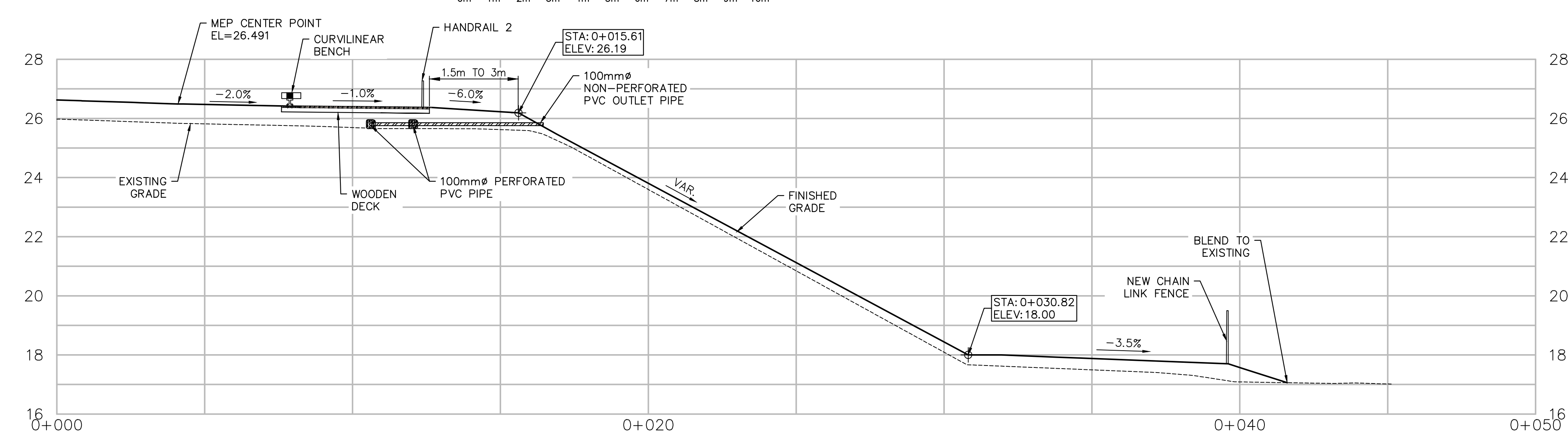
**ACCESS TO WWII BATTERY PROFILE AND
MEP TYPICAL SECTION**

designed N. MAY	conçu
date 2016.02.22	
drawn M. AL-MIARI	dessiné
date 2016.02.22	
approved R. RICE	approuvé
date 2016.02.22	
Tender R. GOURD	Soumission
PCA Project Manager	Administrateur de projets APC
project number 60480628	no. du projet
drawing no. C4	no. du dessin



ACCESS TO WWII BATTERY CENTERLINE PROFILE

SCALE : 1:100H 1:20V

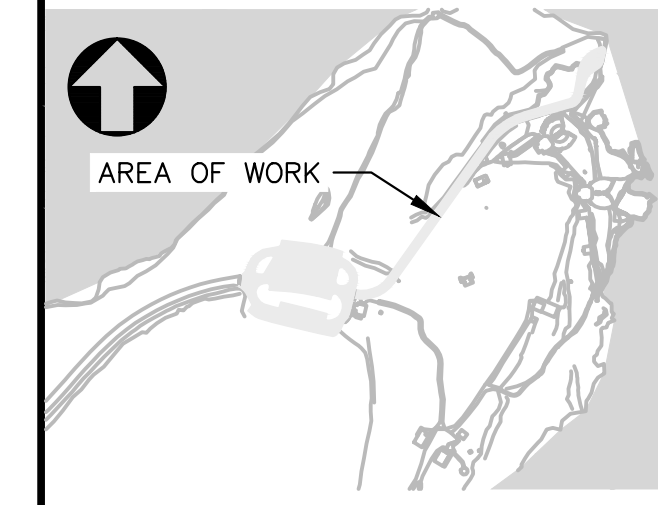


MEP TYPICAL SECTION C-C

SCALE : 1:100H 1:100V

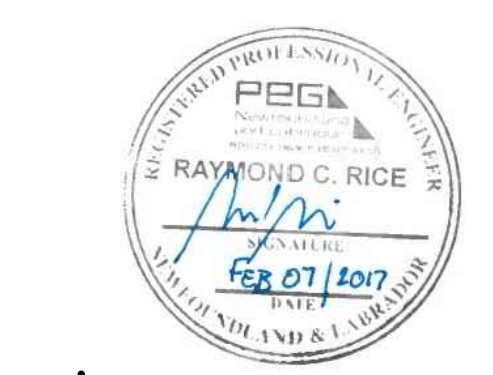
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KEY PLAN N.T.S.



LEGEND

- PROPOSED ASPHALT
- PROPOSED WOOD DECK
- ALUMINUM HANDRAIL 1
- ALUMINUM HANDRAIL 3
- WOOD TRASH RECEPTACLE
- LIMIT OF WORK
- PROPOSED CONTOURS
- EXISTING CONTOURS
- FINISHED ELEVATION
- EXISTING ELEVATION



1	ISSUED FOR TENDER	02/07/2017
revisions		date

**PARKS CANADA AGENCY
MOST EASTERLY POINT
SITE IMPROVEMENTS**

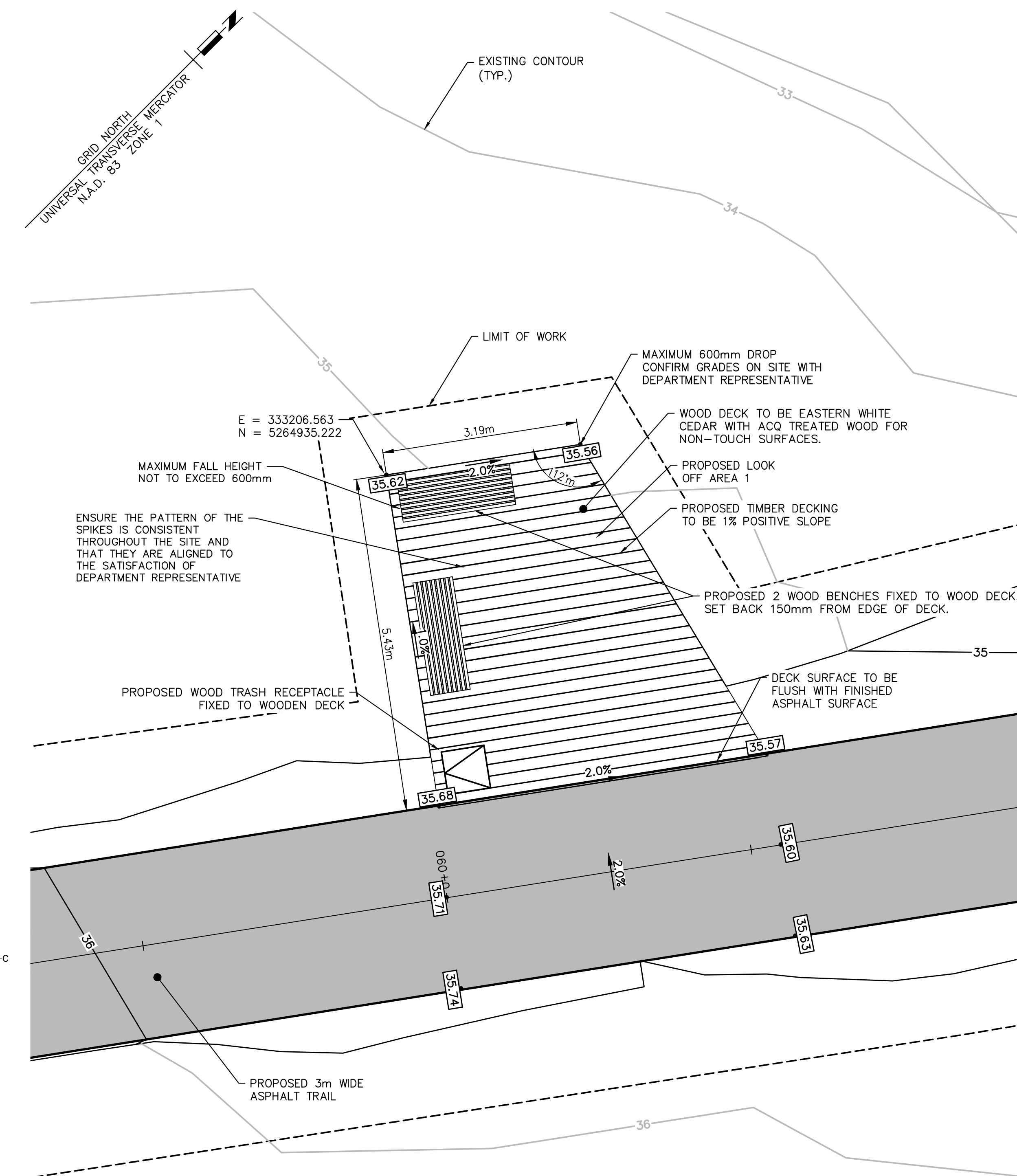
**PROPOSED LOOKOUT
AREA 1 & 2 PLAN
AND DETAILS**

designed N. MAY	conçu
date 2016.02.22	
drawn M. AL-MIARI	dessiné
date 2016.02.22	
approved R. RICE	approuvé
date 2016.02.22	

Tender R. GOURD
PCA Project Manager Administrateur de projets APC

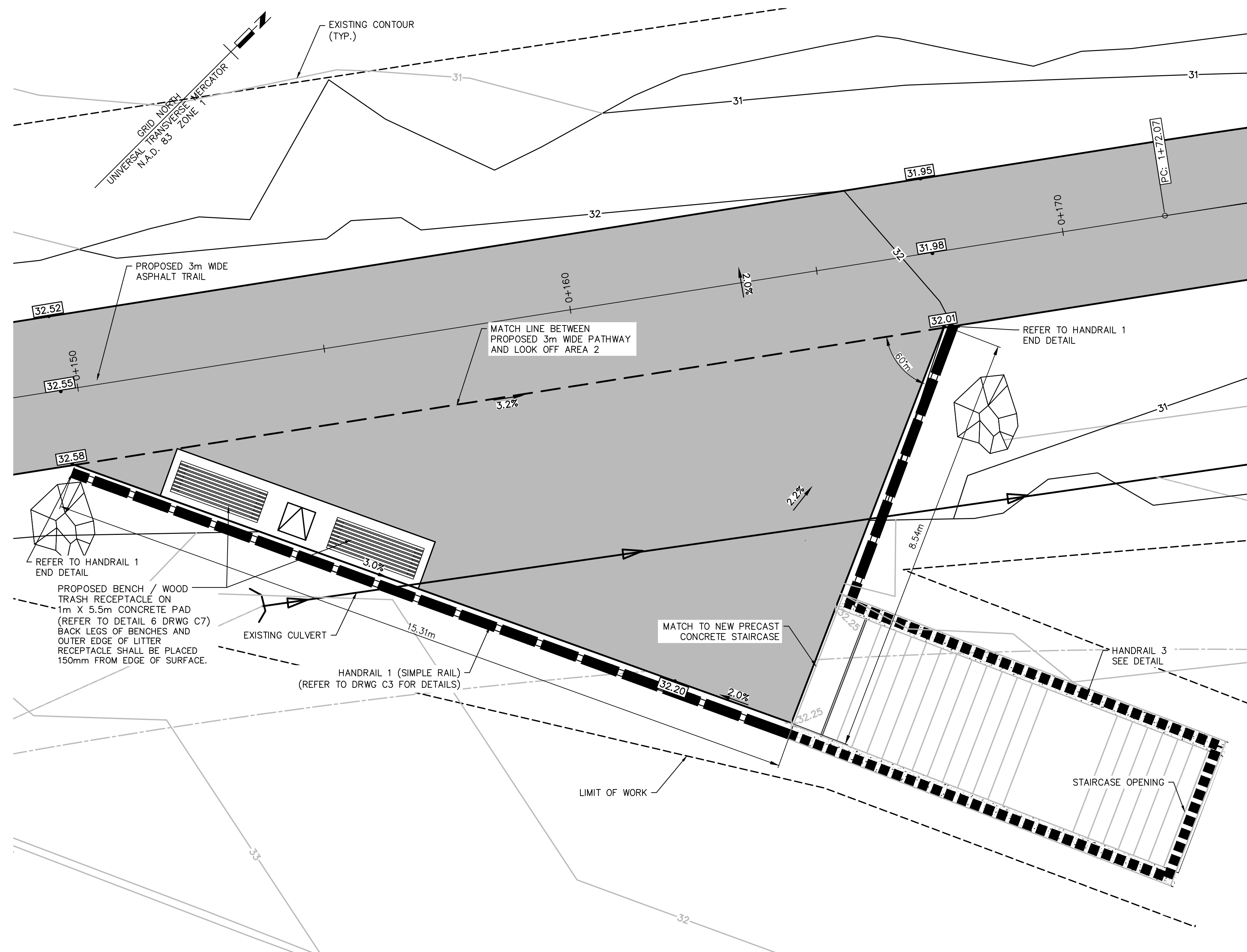
project number **60480628**
no. du projet

drawing no. **C5**
no. du dessin



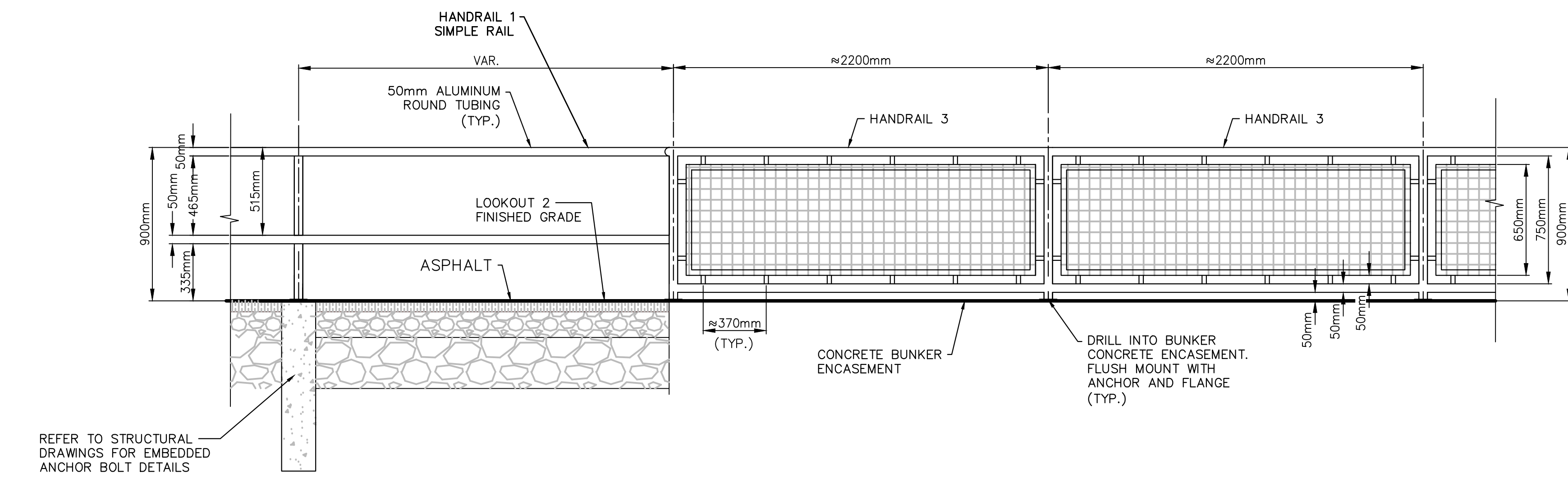
PROPOSED LOOKOUT AREA 1

SCALE: 1:50



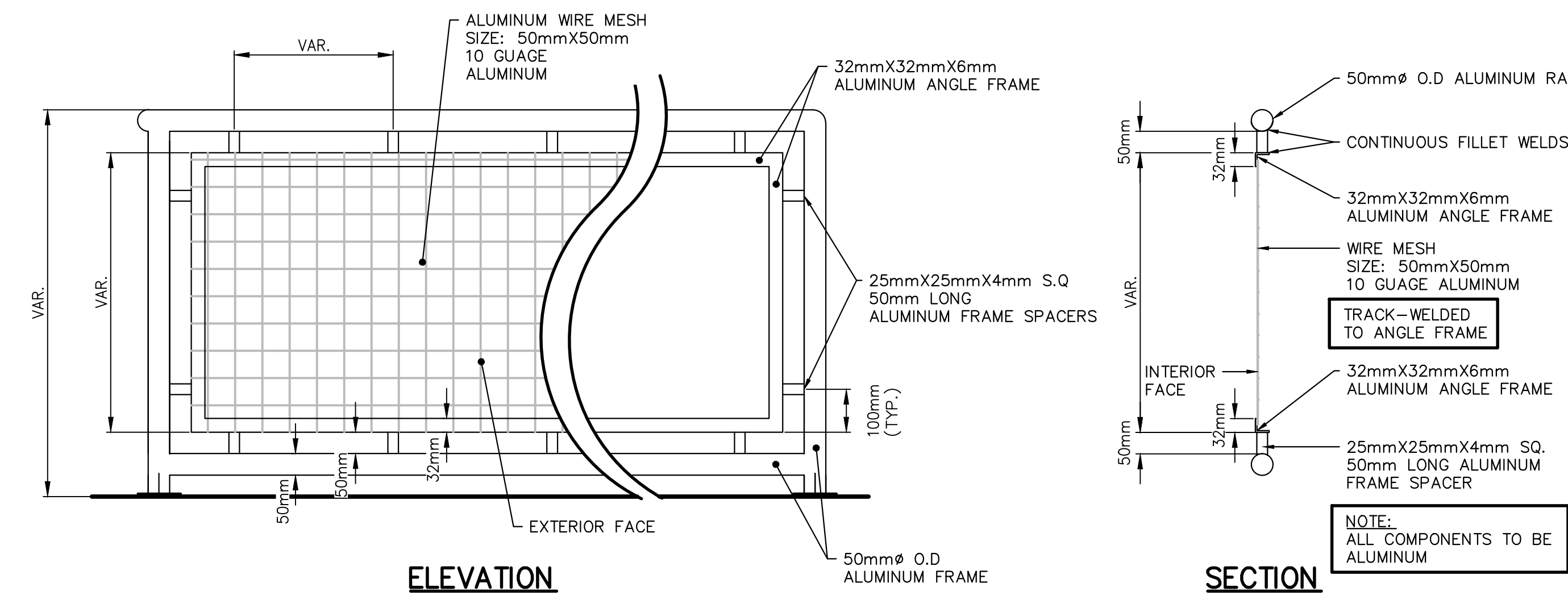
PROPOSED LOOKOUT AREA 2

SCALE: 1:50



HANDRAIL 3 DETAIL

SCALE: 1:20

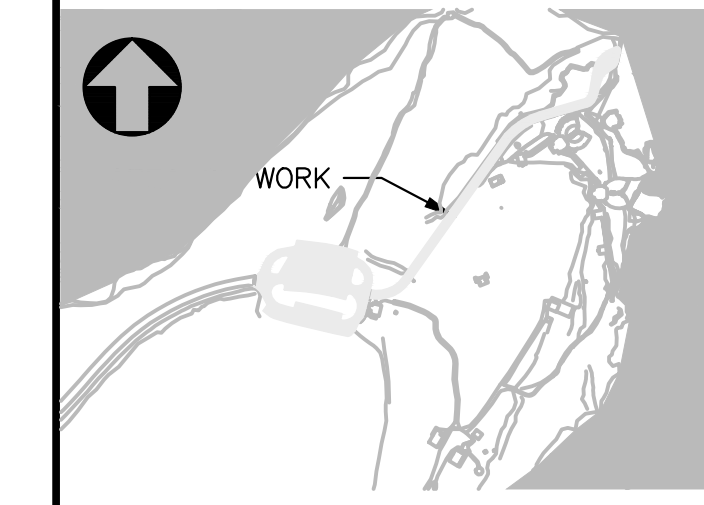


HANDRAIL MESH TYPICAL DETAIL

SCALE: 1:10

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KEY PLAN N.T.S.



LEGEND

- EXISTING SANITARY LINE
- PROPOSED CHAIN LINK FENCE
- EXISTING CHAIN LINK FENCE
- PROPOSED WOOD DECK
- LIMIT OF WORK
- NATURALIZED AREA
- 150mm COMPACTED CLASS A LOCALLY SOURCED CRUSHED 3/4 MINUS RED GRAVEL WITHIN ALL NATURALIZED AREAS
- ALUMINUM HANDRAIL 2

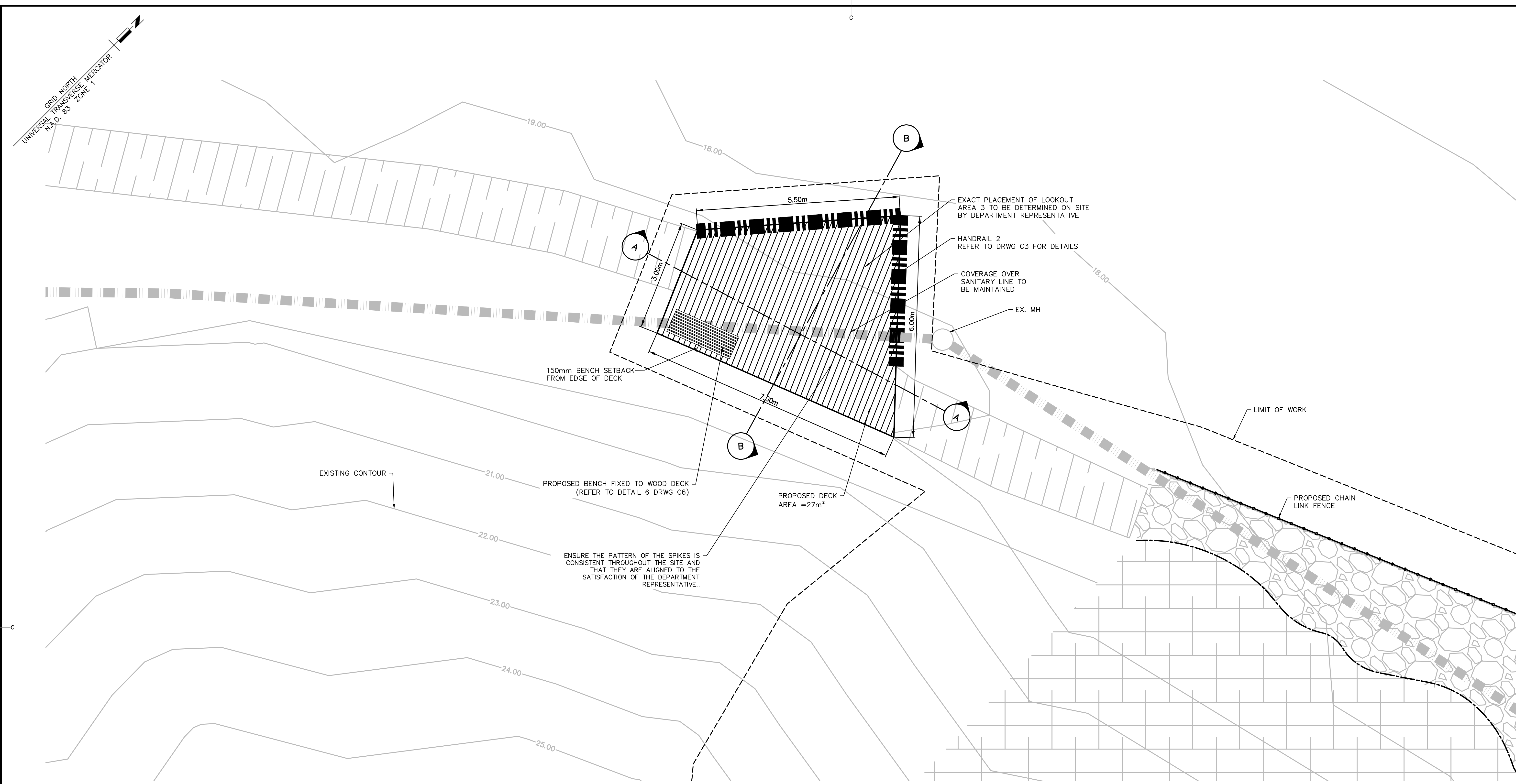


1	ISSUED FOR TENDER	02/07/2017
revisions		date

**PARKS CANADA AGENCY
MOST EASTERLY POINT
SITE IMPROVEMENTS**

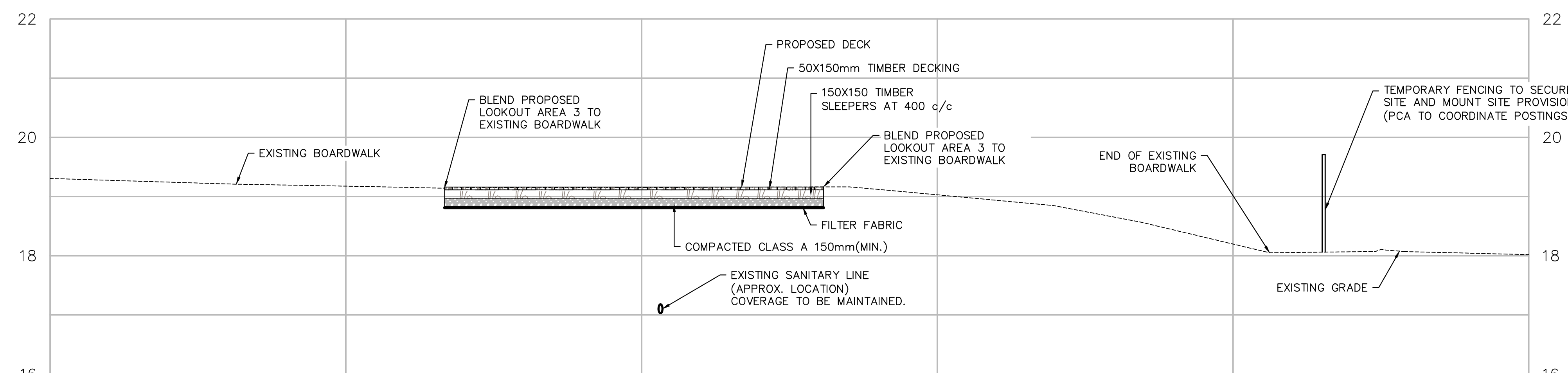
**PROPOSED
LOOKOUT AREA 3
PLAN AND SECTIONS**

designed N. MAY	conçu
date 2016.12.01	
drawn M. AL-MIARI	dessiné
date 2016.12.01	
approved R. RICE	approuvé
date 2016.12.01	
Tender R. GOURD	Soumission
PWSC Project Manager Administrateur de projets TPSC	
project number 60480628	no. du projet
drawing no. C6	no. du dessin



PROPOSED LOOKOUT AREA 3 PLAN

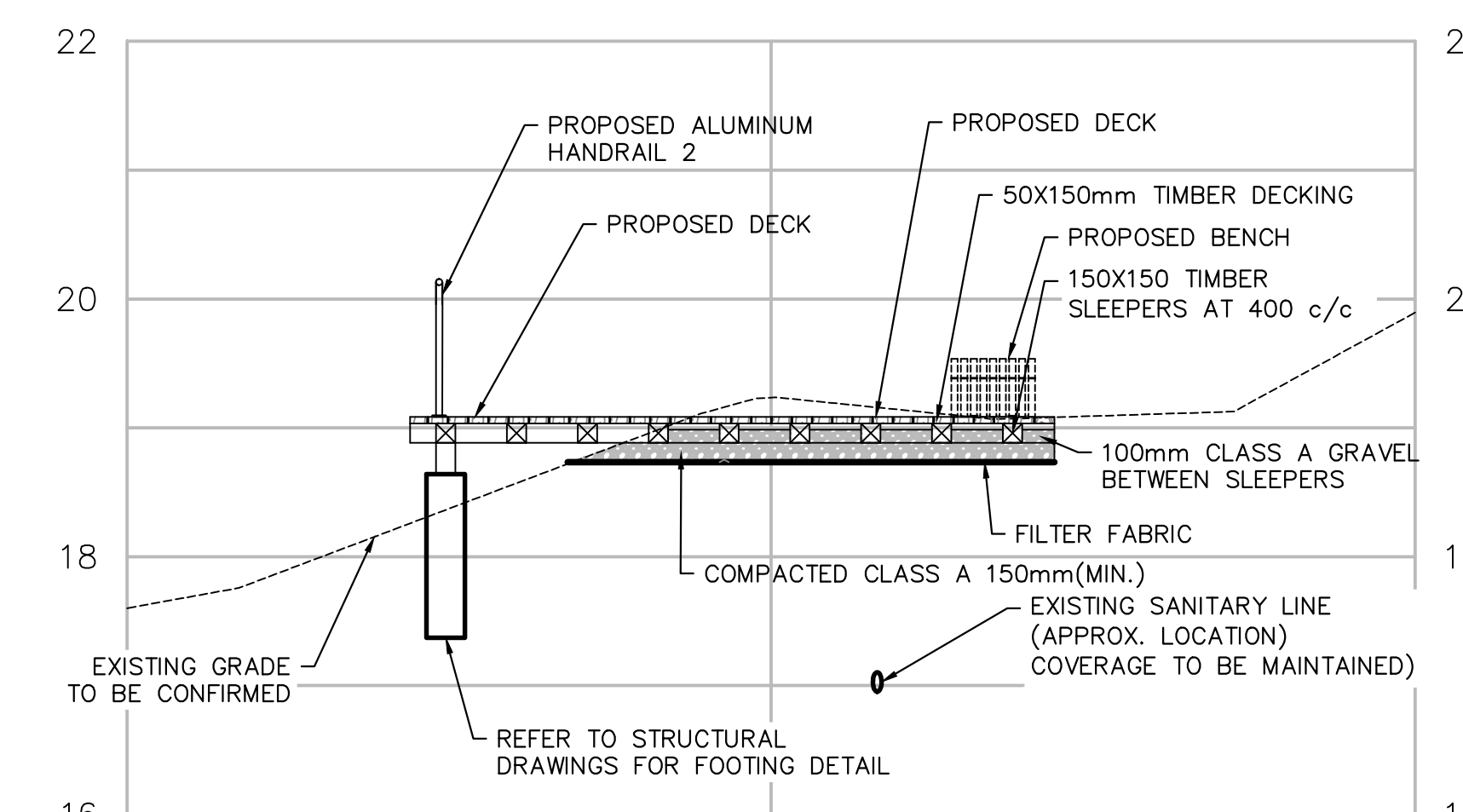
SCALE: 1:50
0m 1m 2m 3m 4m 5m



SECTION A-A

SCALE: 1:50H 1:50V

0m 1m 2m 3m 4m 5m



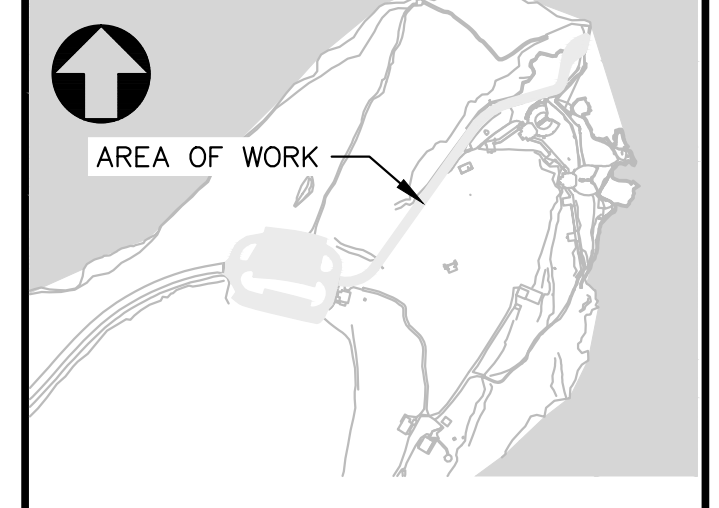
SECTION B-B

SCALE: 1:50H 1:50V

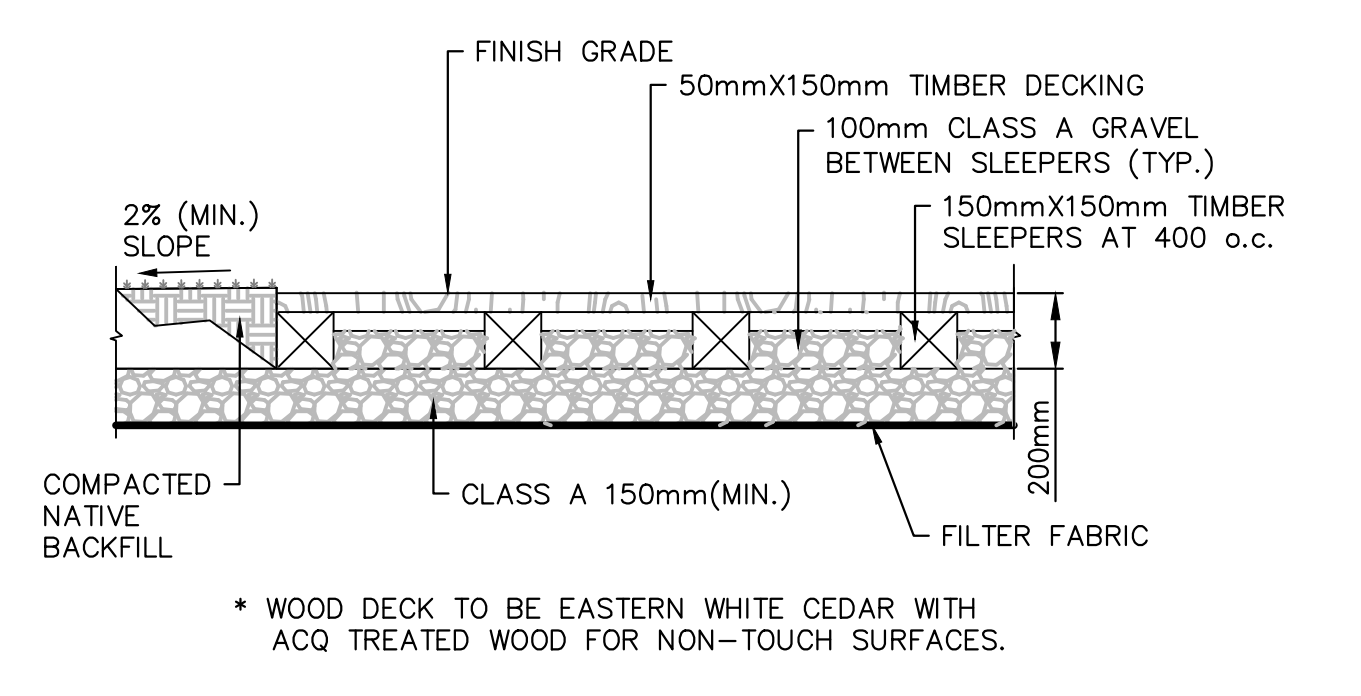
0m 1m 2m 3m 4m 5m

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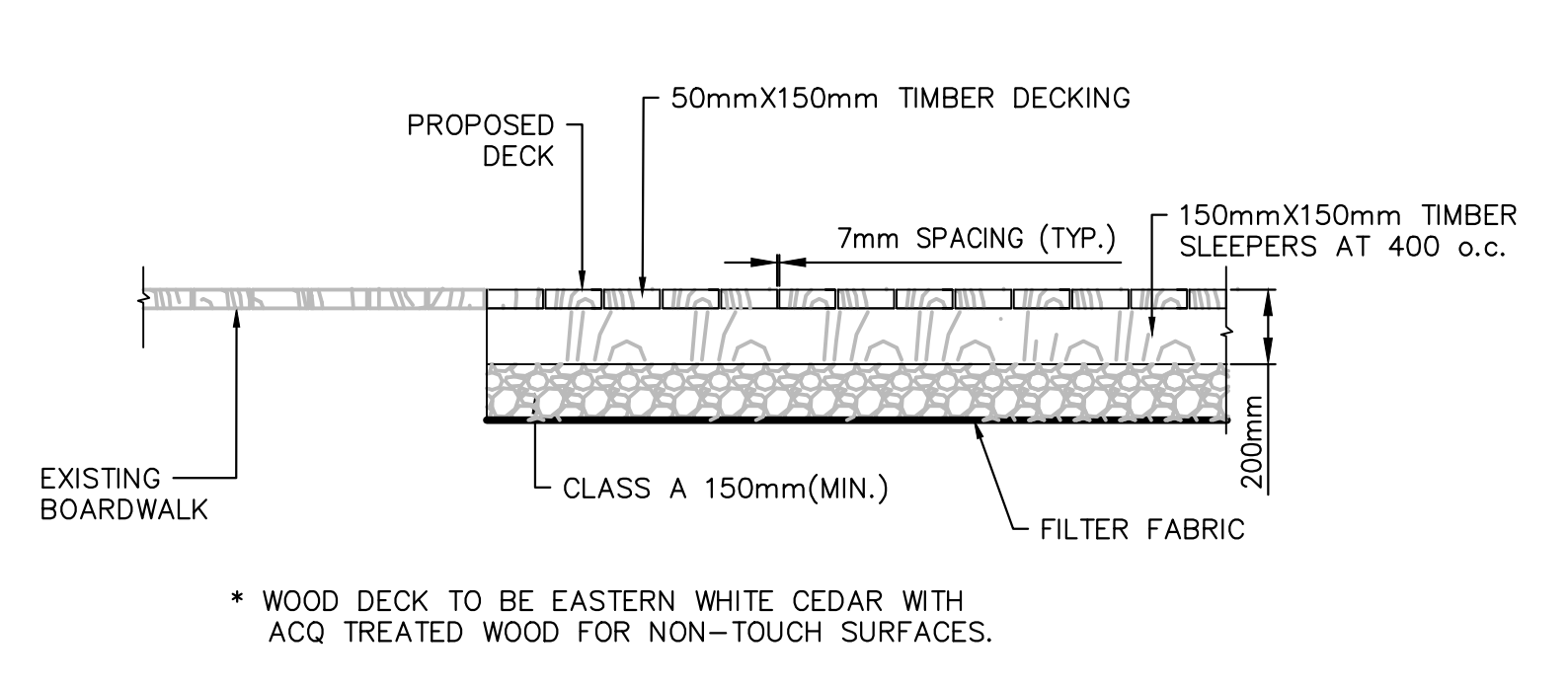
KEY PLAN N.T.S.



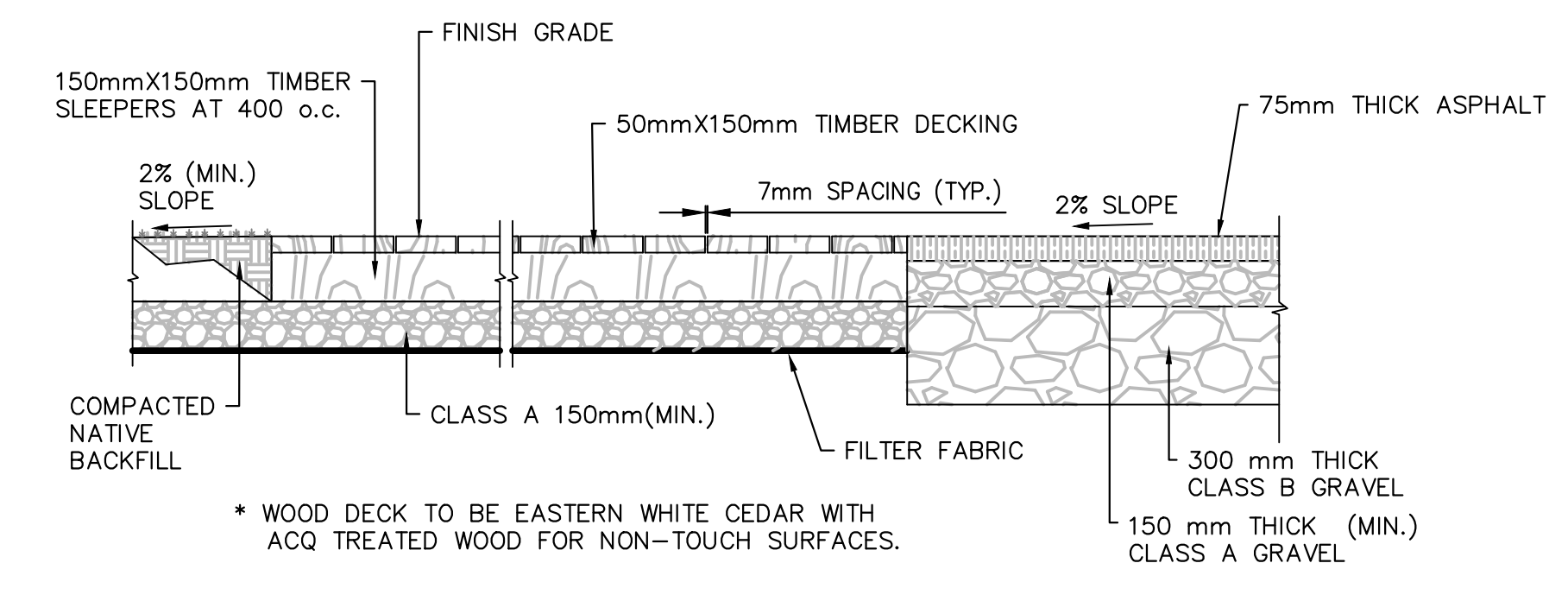
LEGEND



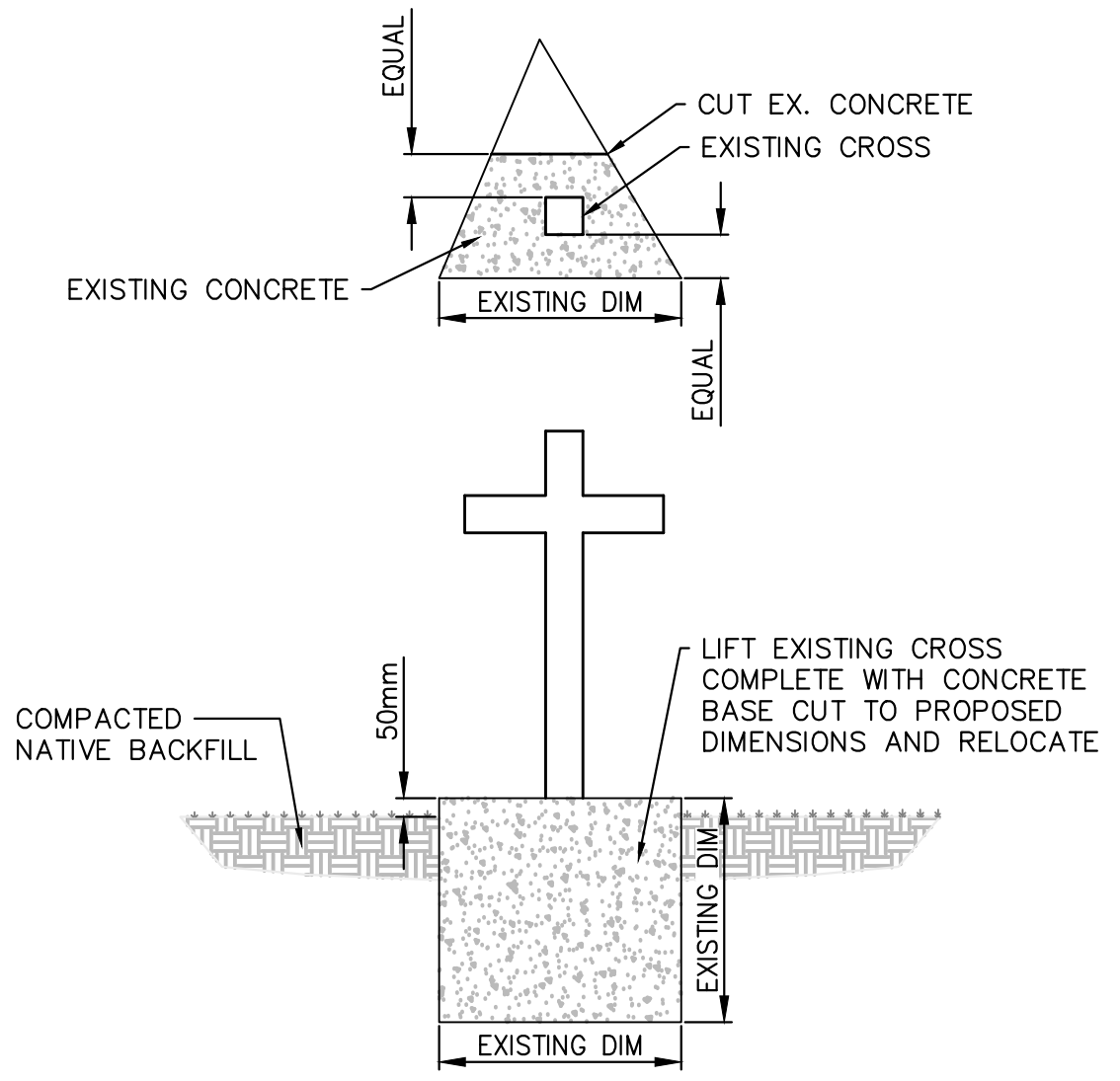
TYPICAL DECKING WITH NATIVE EDGE DETAIL ①
AT LOOKOUT AREA 1 AND AREA 3
SCALE 1:20



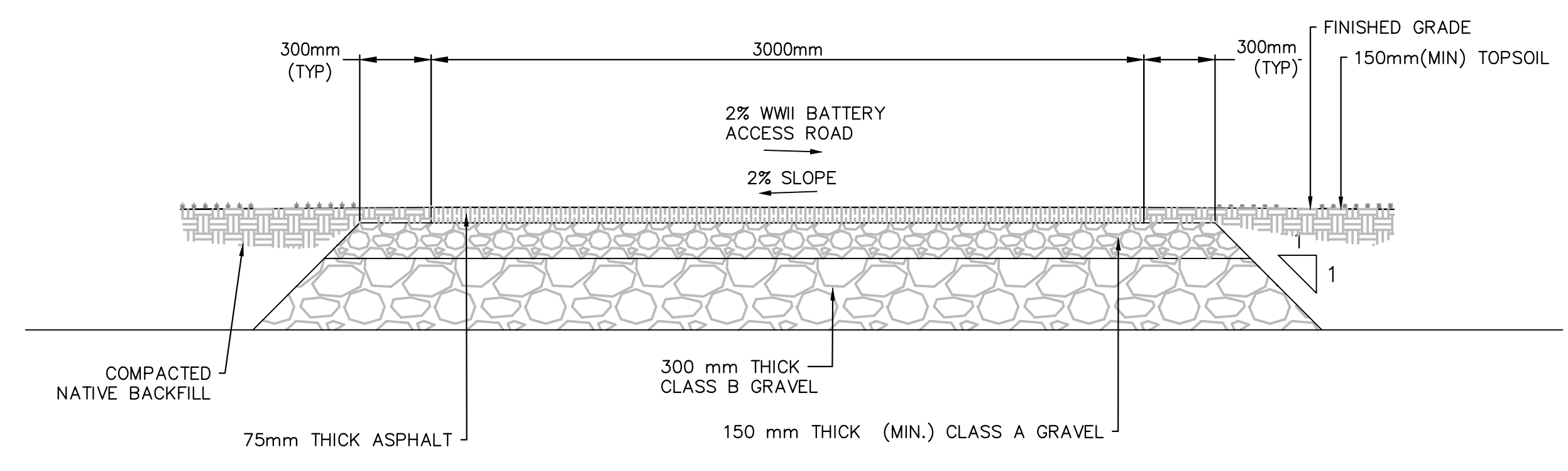
TYPICAL DECKING WITH EXISTING BOARDWALK EDGE DETAIL ②
AT LOOKOUT AREA 3
SCALE 1:20



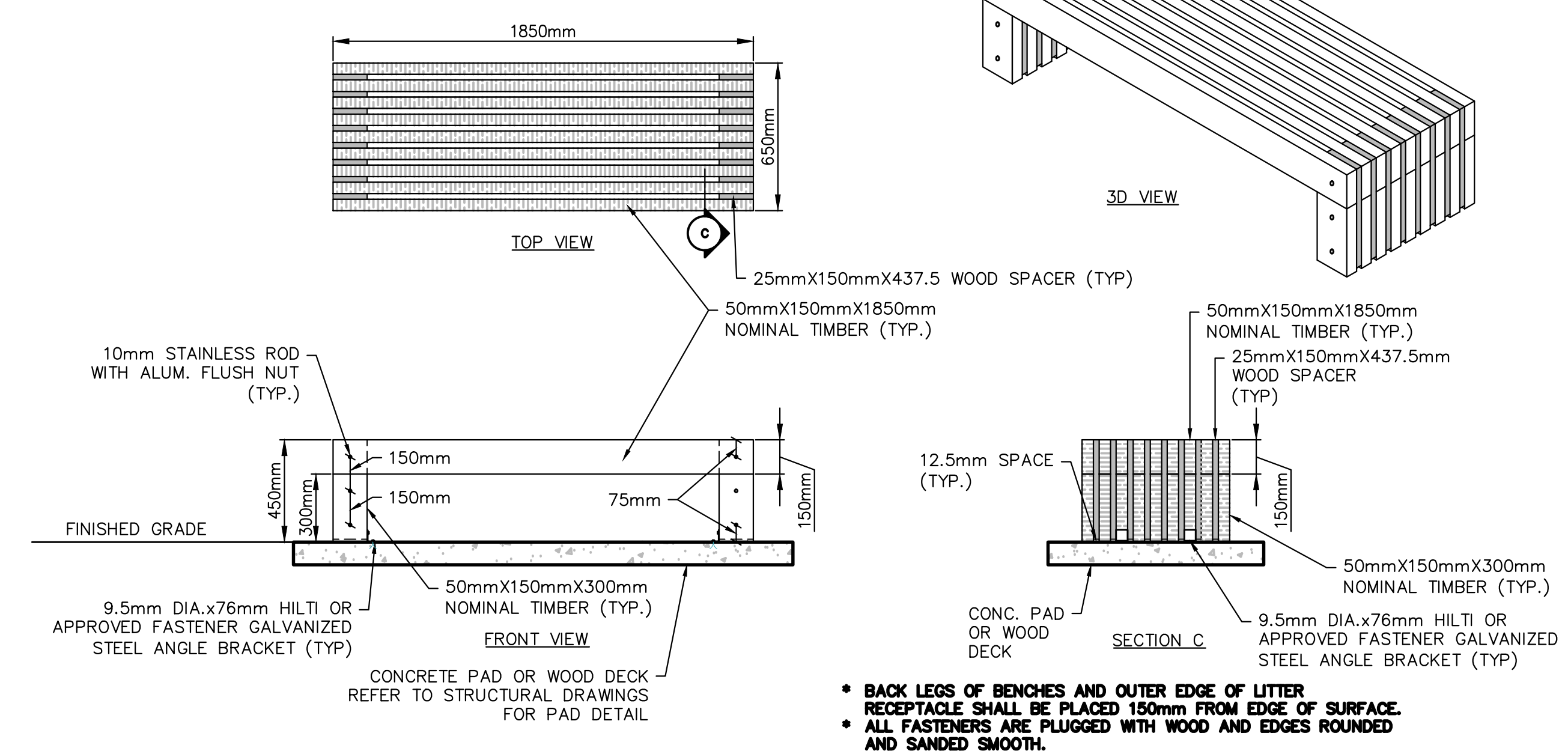
TYPICAL DECKING WITH NATIVE/ASPHALT EDGE DETAIL ③
AT LOOKOUT AREA 1
SCALE 1:20



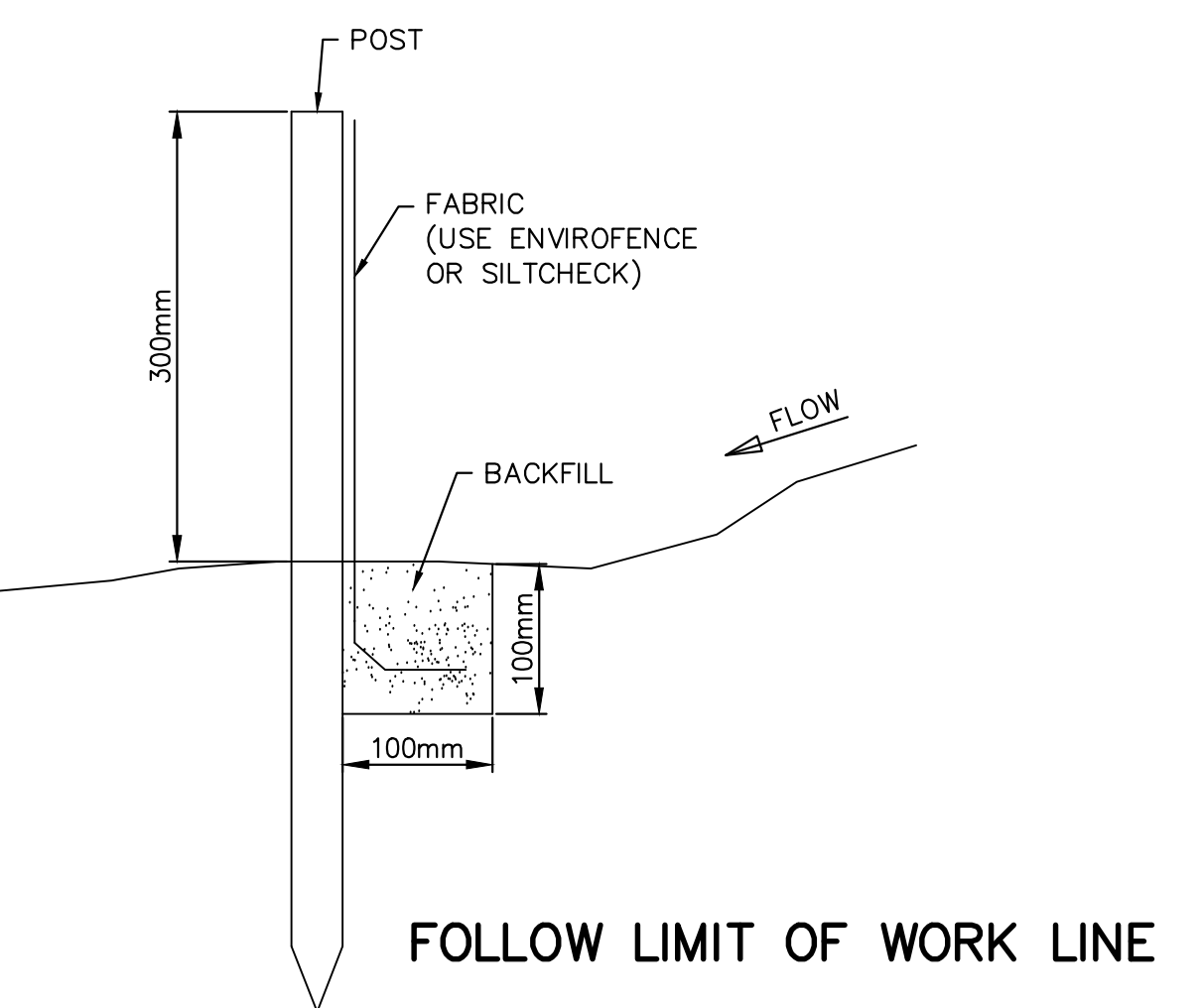
RELOCATED CROSS DETAIL ④
SCALE 1:20



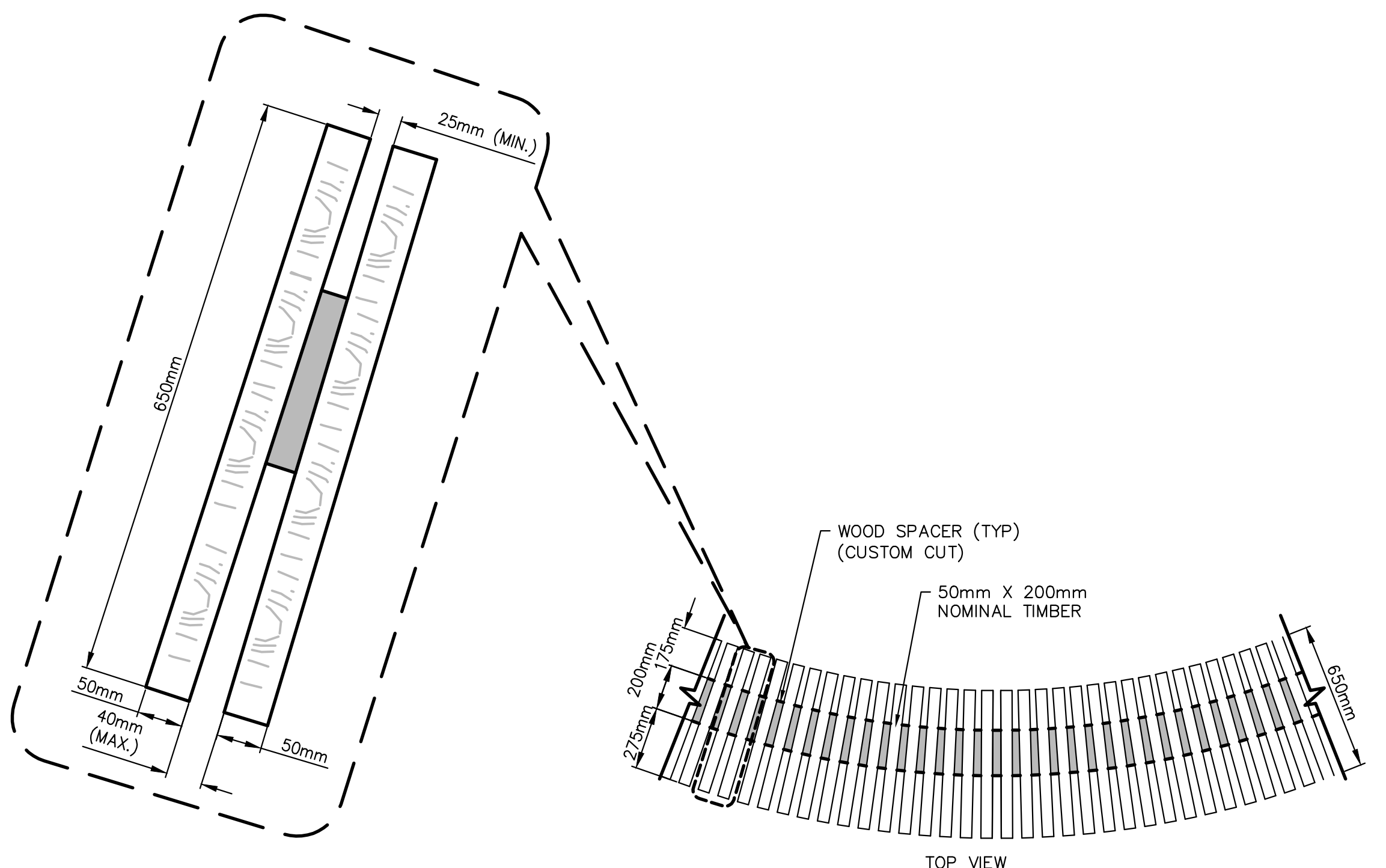
TYPICAL ASPHALT TRAIL DETAIL ⑤
SCALE 1:20



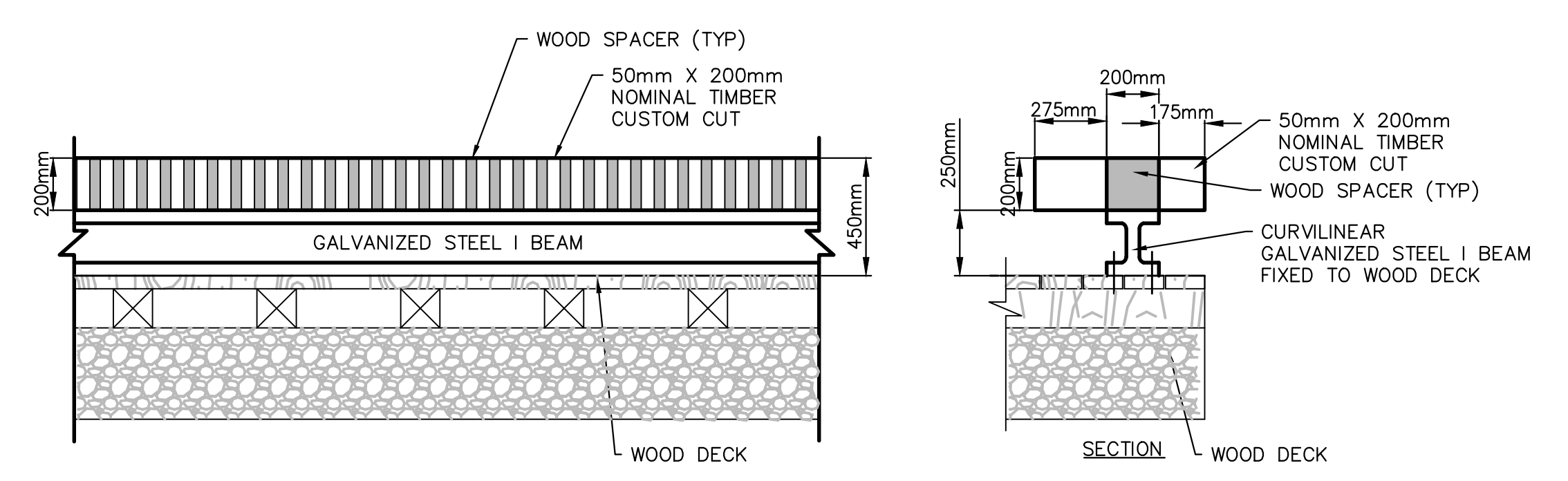
TYPICAL BENCH DETAIL ⑥
SCALE 1:20



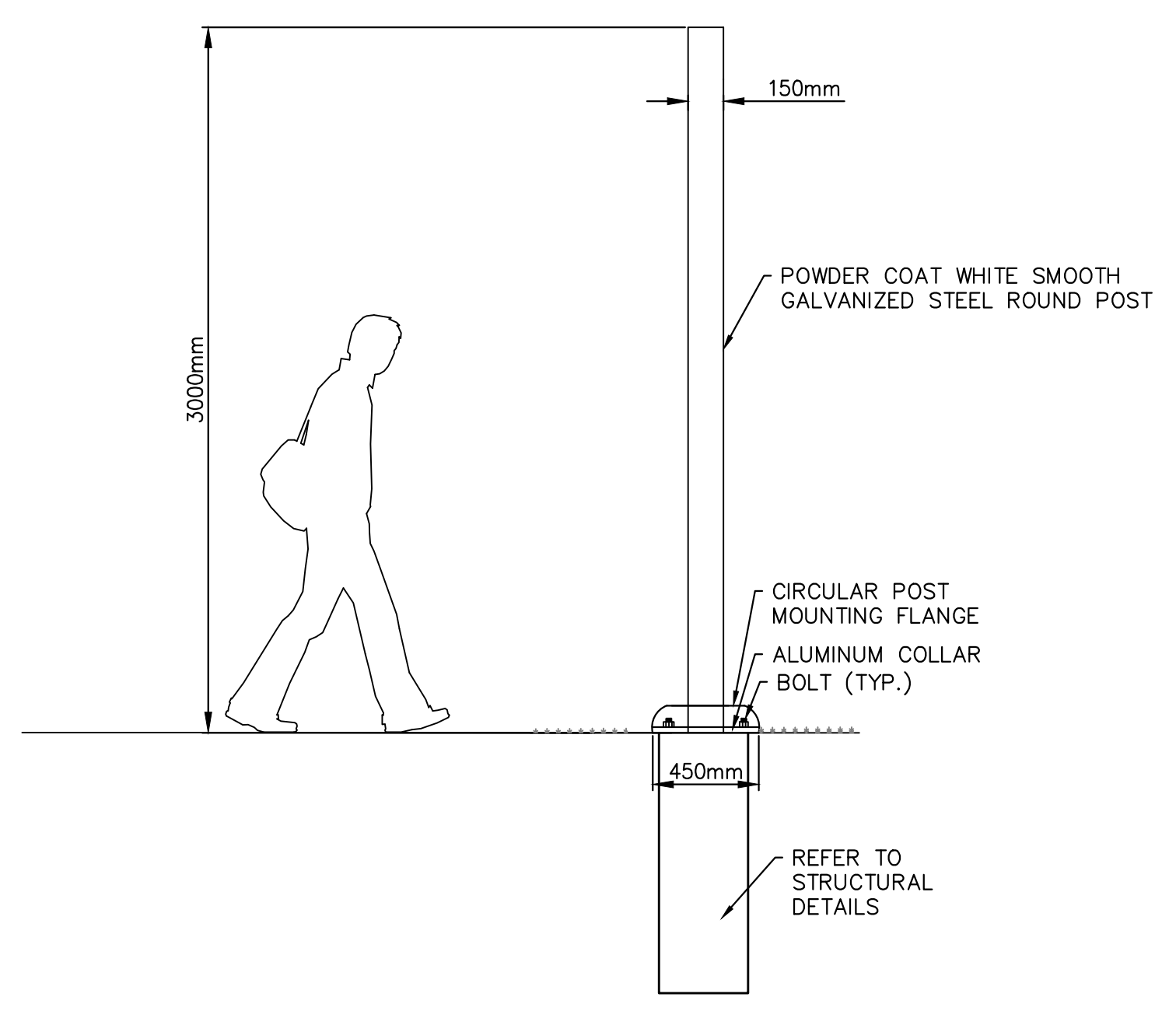
SILT FENCE DETAIL ⑩
SCALE 1:5



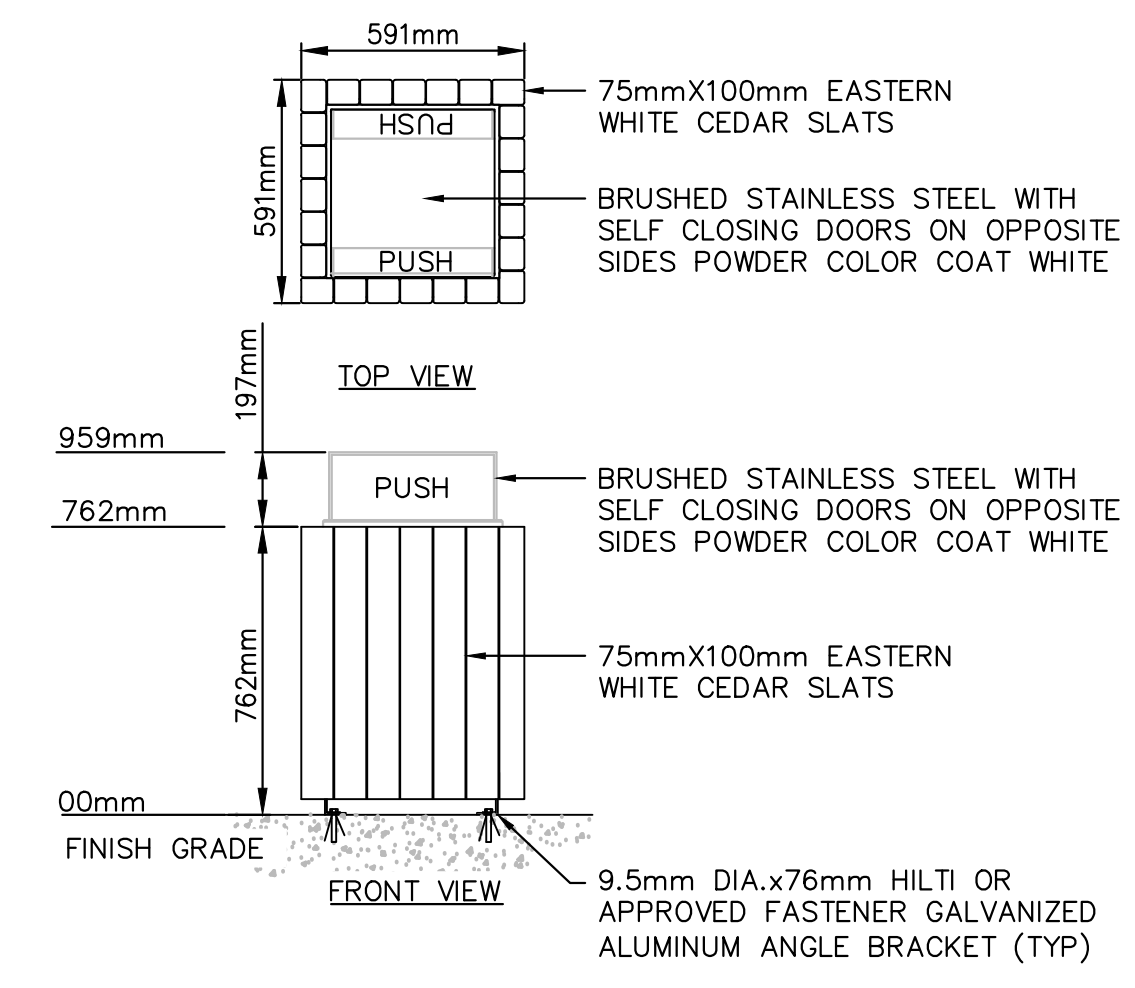
TYPICAL DETAIL
SCALE 1:5



CURVILINEAR BENCH DETAIL ⑦
SCALE 1:20



SIGN POST DETAIL ⑧
SCALE 1:25



WOOD TRASH RECEPTACLE ⑨
SCALE 1:20

* ALL FASTENERS ARE PLUGGED WITH WOOD AND EDGES ROUNDED AND SANDED SMOOTH.

* BACK LEGS OF BENCHES AND OUTER EDGE OF LITTER RECEPTACLE SHALL BE PLACED 150mm FROM EDGE OF SURFACE.
* ALL FASTENERS ARE PLUGGED WITH WOOD AND EDGES ROUNDED AND SANDED SMOOTH.



1	ISSUED FOR TENDER	02/07/2017
revisions		date

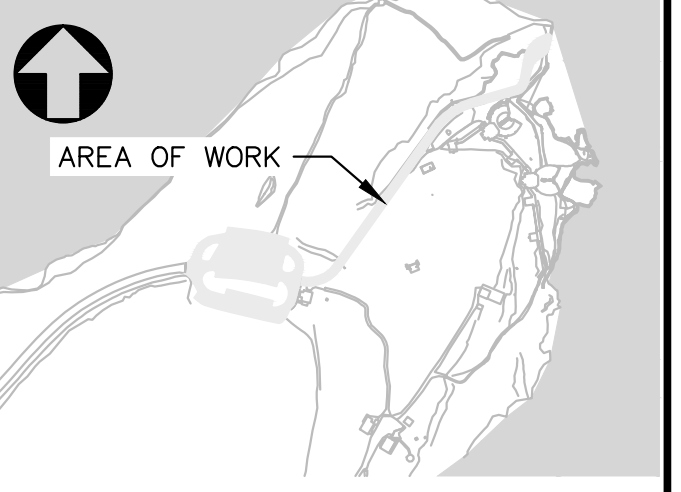
**PARKS CANADA AGENCY
MOST EASTERLY POINT
SITE IMPROVEMENTS**

**PROPOSED DETAILS
SHEET 1 OF 2**

designed N. MAY	conçu
date 2016.02.22	
drown M. AL-MIARI	dessiné
date 2016.02.22	
approved R. RICE	approuvé
date 2016.02.22	
Tender R. GOURD	Soumission
PCA Project Manager	Administrateur de projets APC
project number 60480628	no. du projet
drawing no. C7	no. du dessin

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KEY PLAN N.T.S.



LEGEND

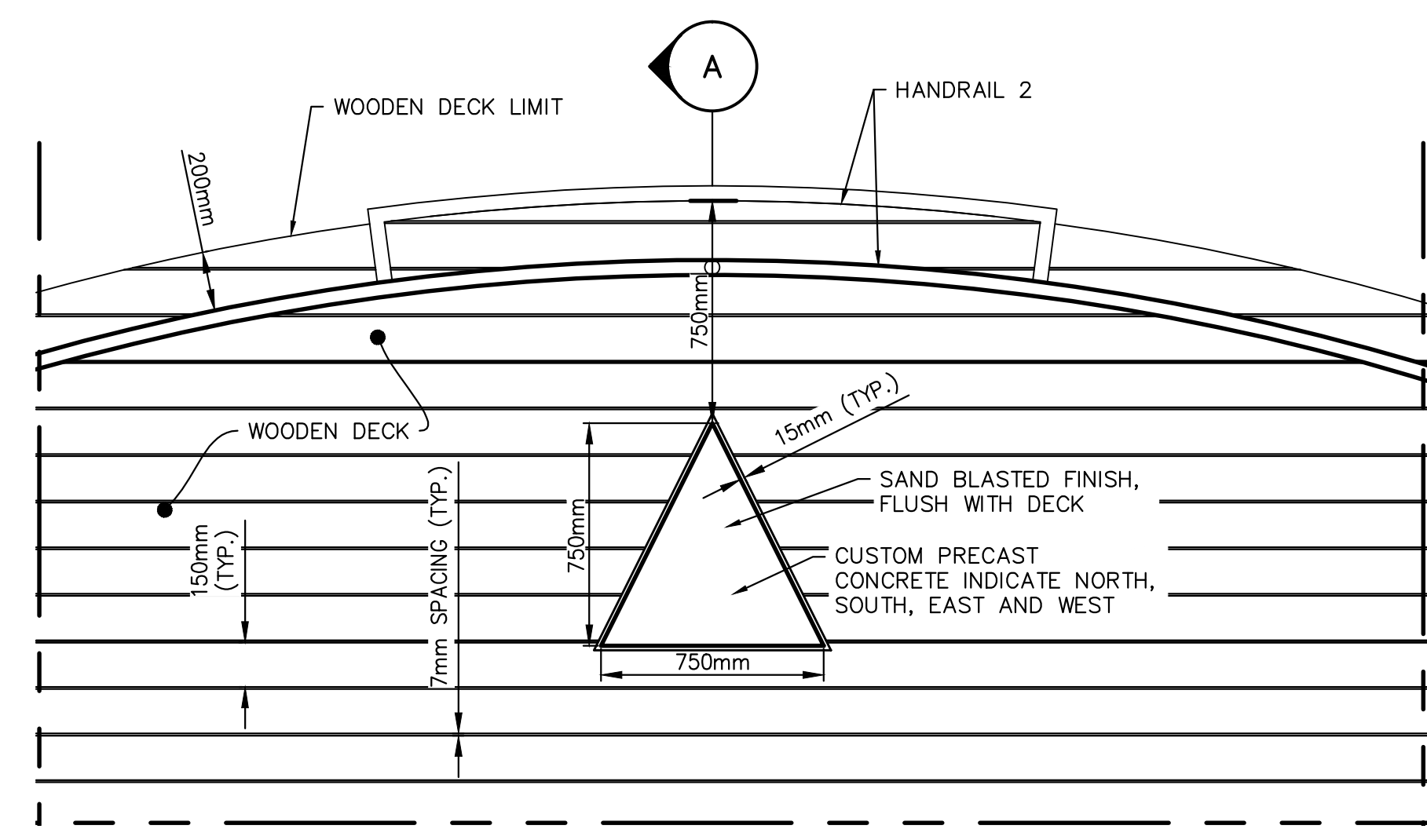


1	ISSUED FOR TENDER	02/07/2017
revisions		date

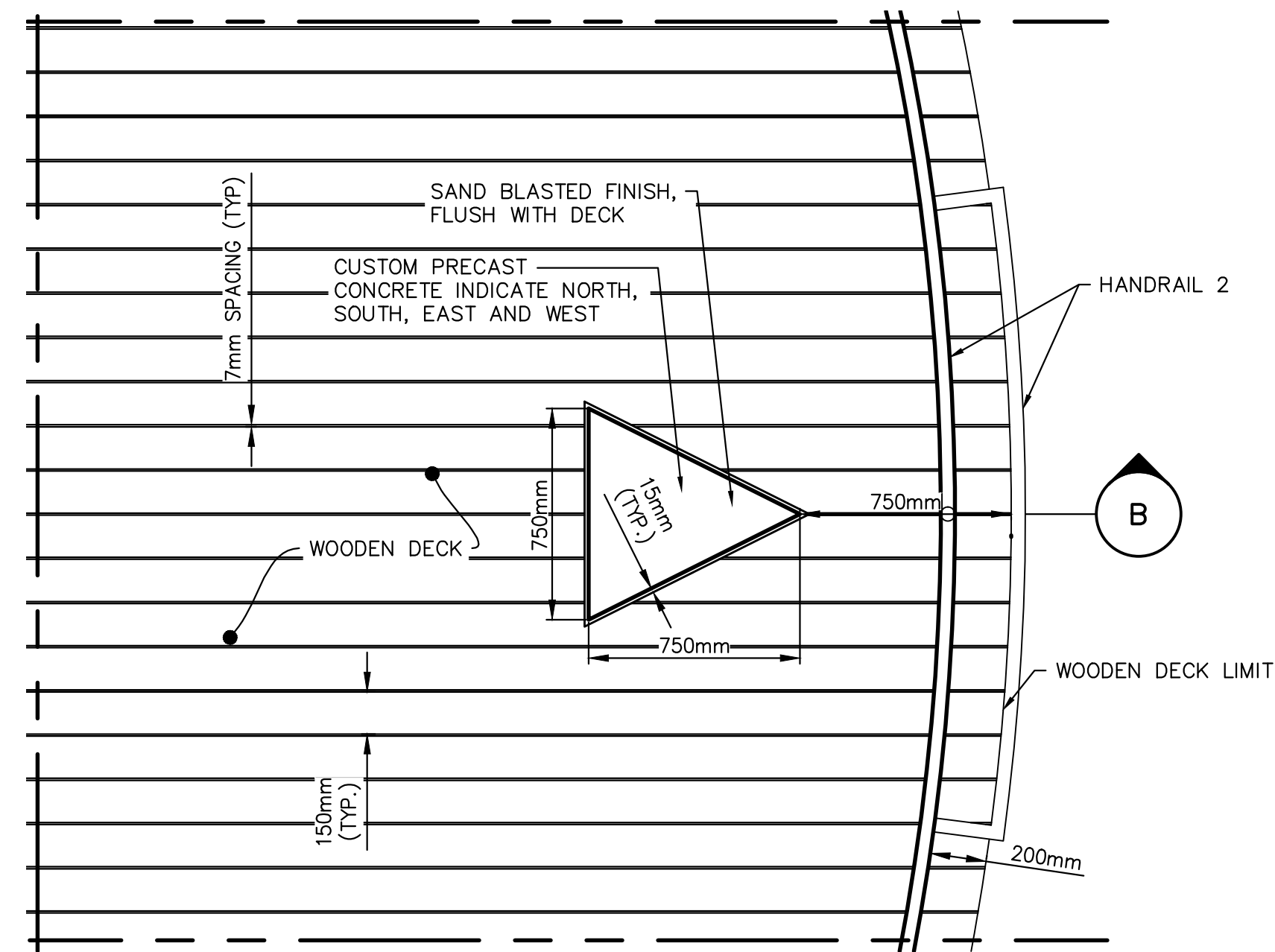
**PARKS CANADA AGENCY
MOST EASTERLY POINT
SITE IMPROVEMENTS**

**PROPOSED DETAILS
SHEET 2 OF 2**

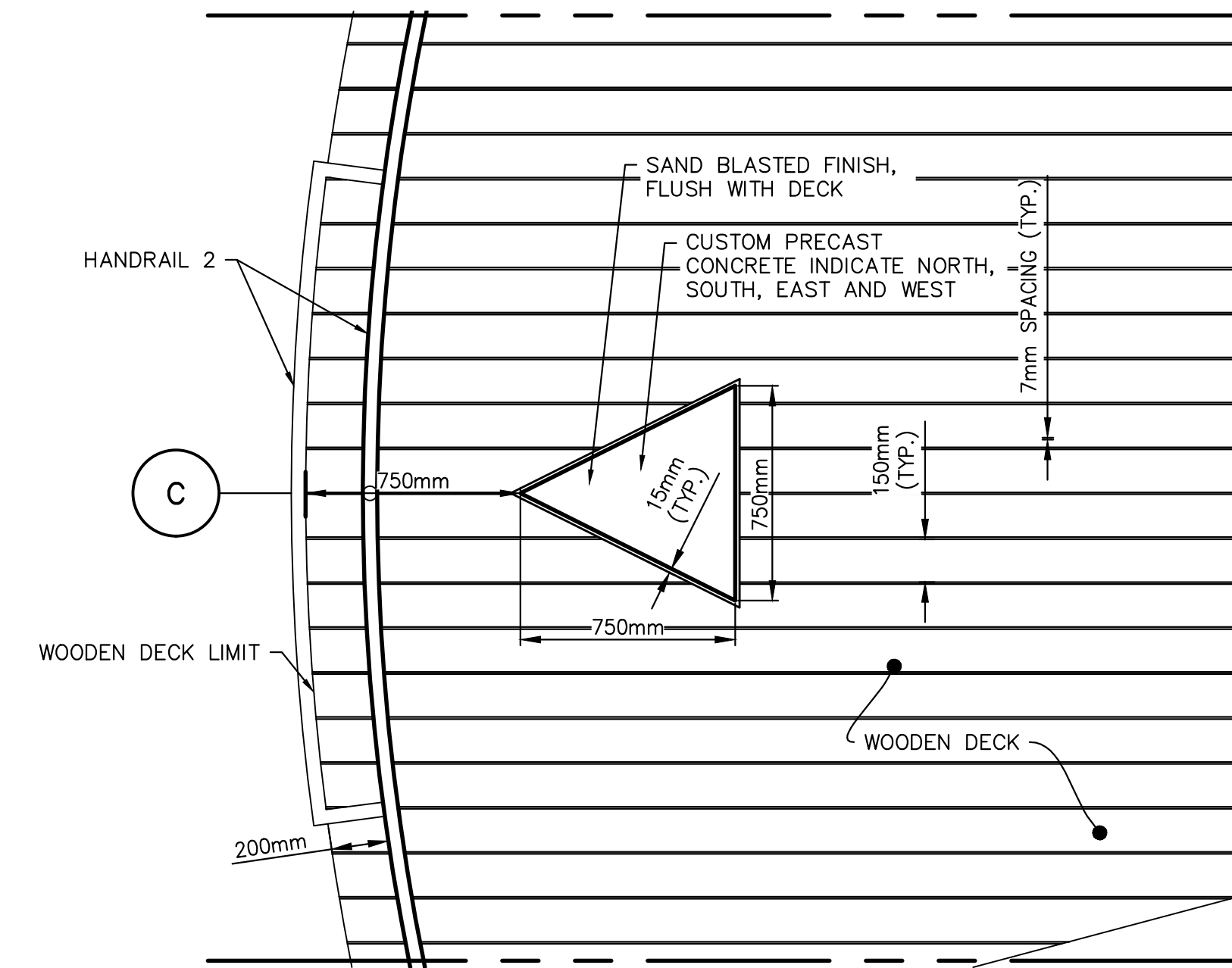
designed N. MAY	conçu
date 2016.02.22	
drawn M. AL-MIARI	dessiné
date 2016.02.22	
approved R. RICE	approuvé
date 2016.02.22	
Tender R. GOURD	Soumission
PCA Project Manager	Administrateur de projets APC
project number 60480628	no. du projet
drawing no. C8	no. du dessin



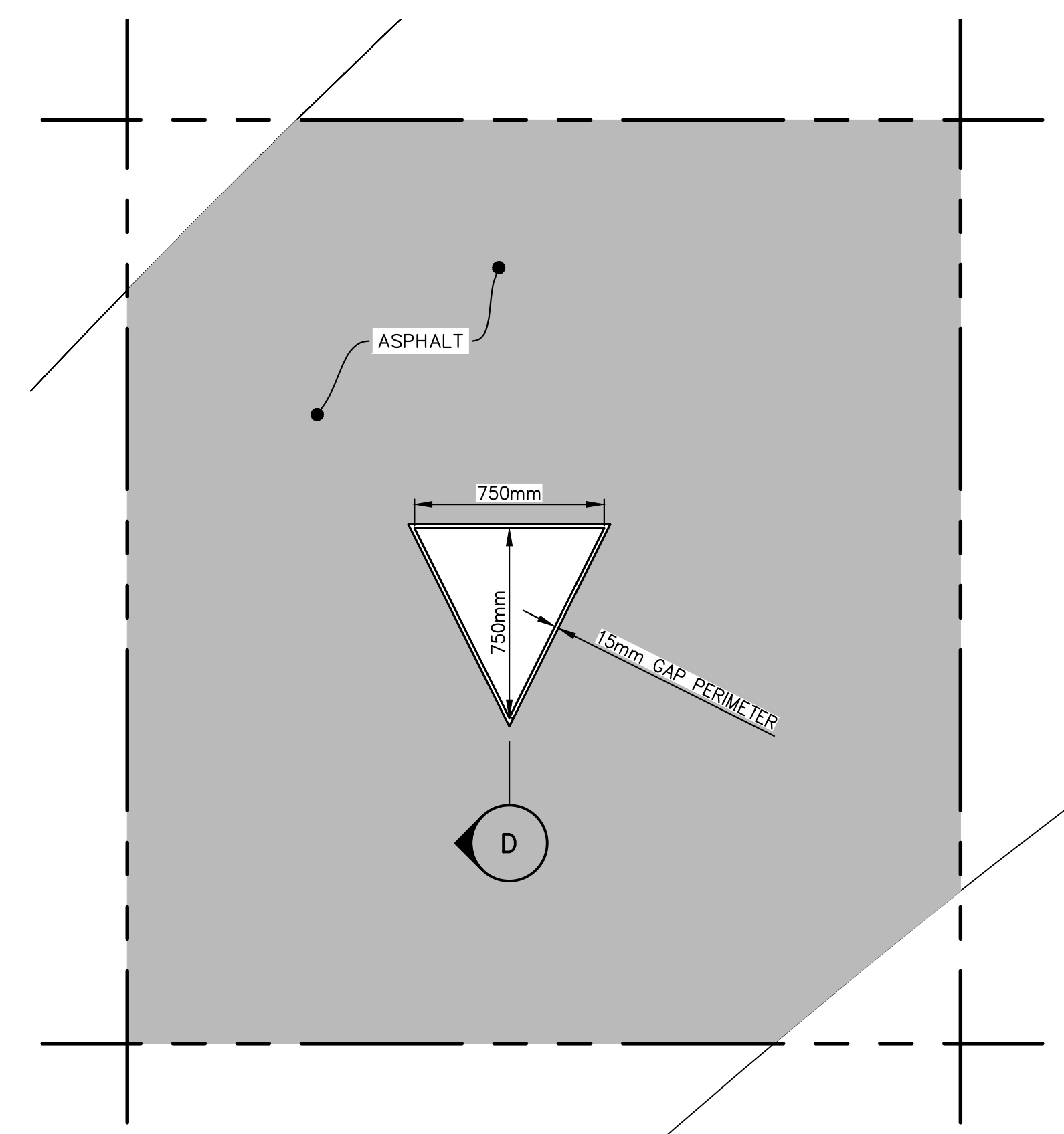
NORTH PRECAST CONCRETE ARROW DETAIL (11)
SCALE 1:20



EAST PRECAST CONCRETE ARROW DETAIL (12)
SCALE 1:20



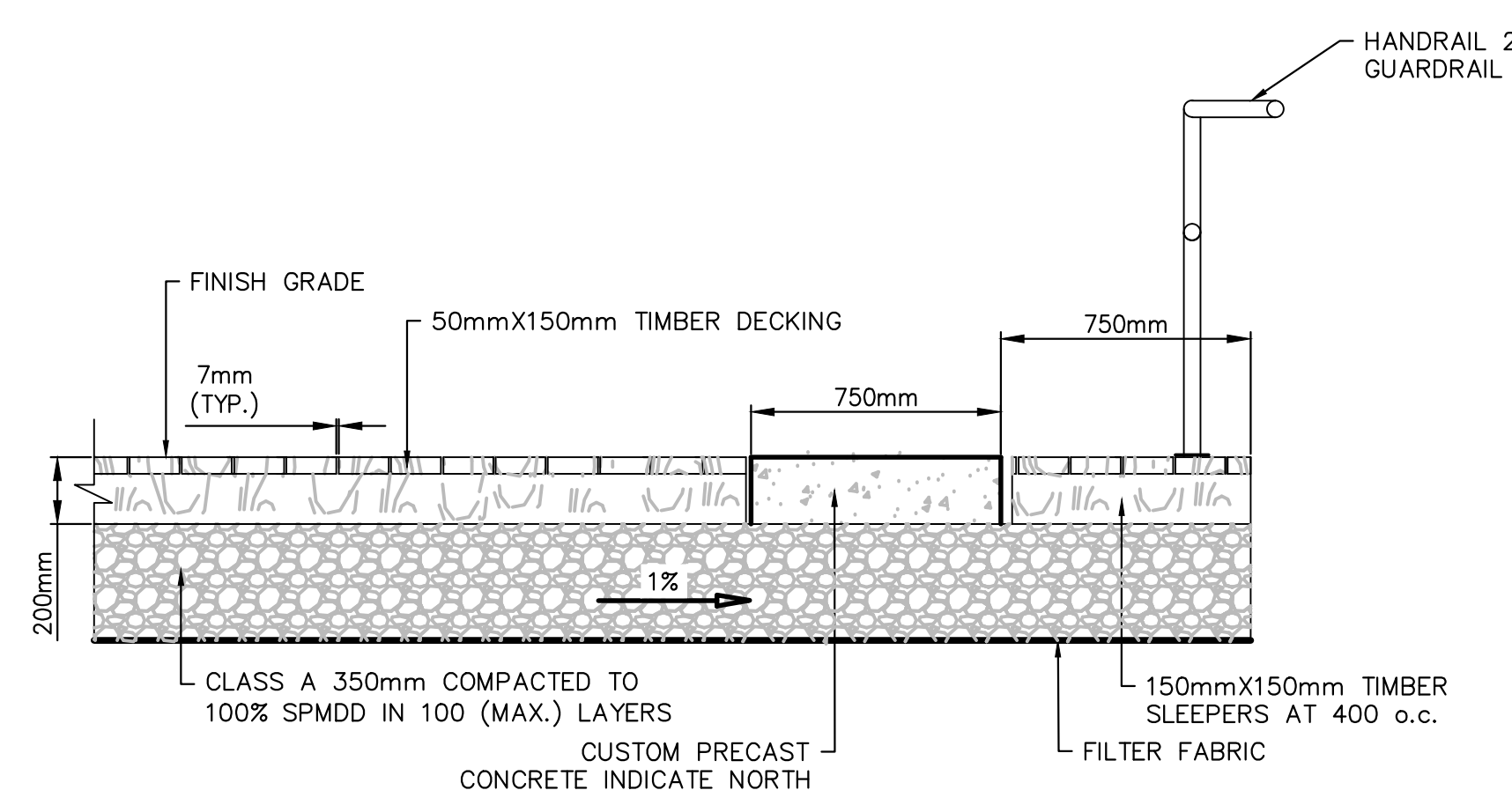
WEST PRECAST CONCRETE ARROW DETAIL (13)
SCALE 1:20



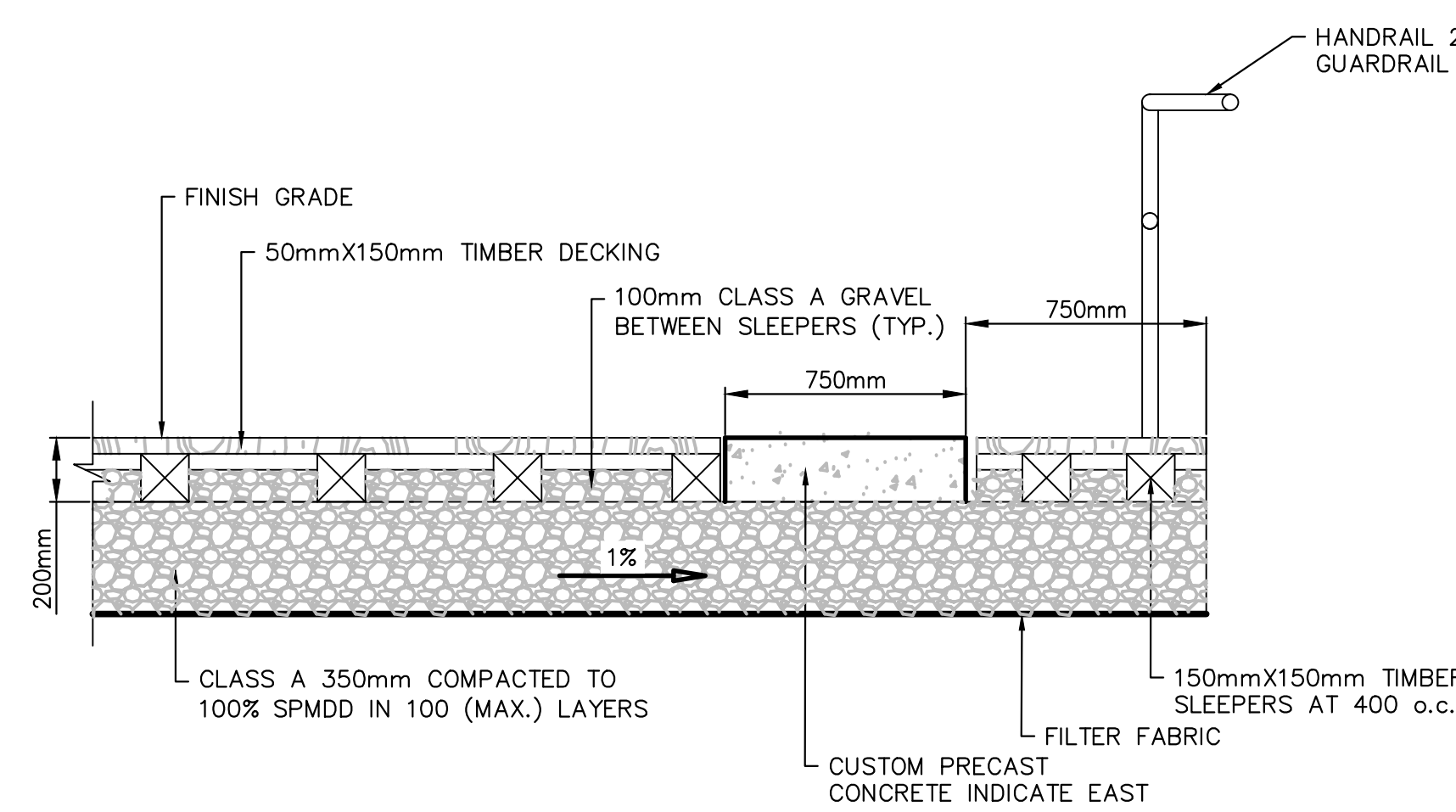
SOUTH PRECAST CONCRETE ARROW DETAIL (14)
SCALE 1:20

PRECAST CONCRETE ARROW/ASPHALT STAGING

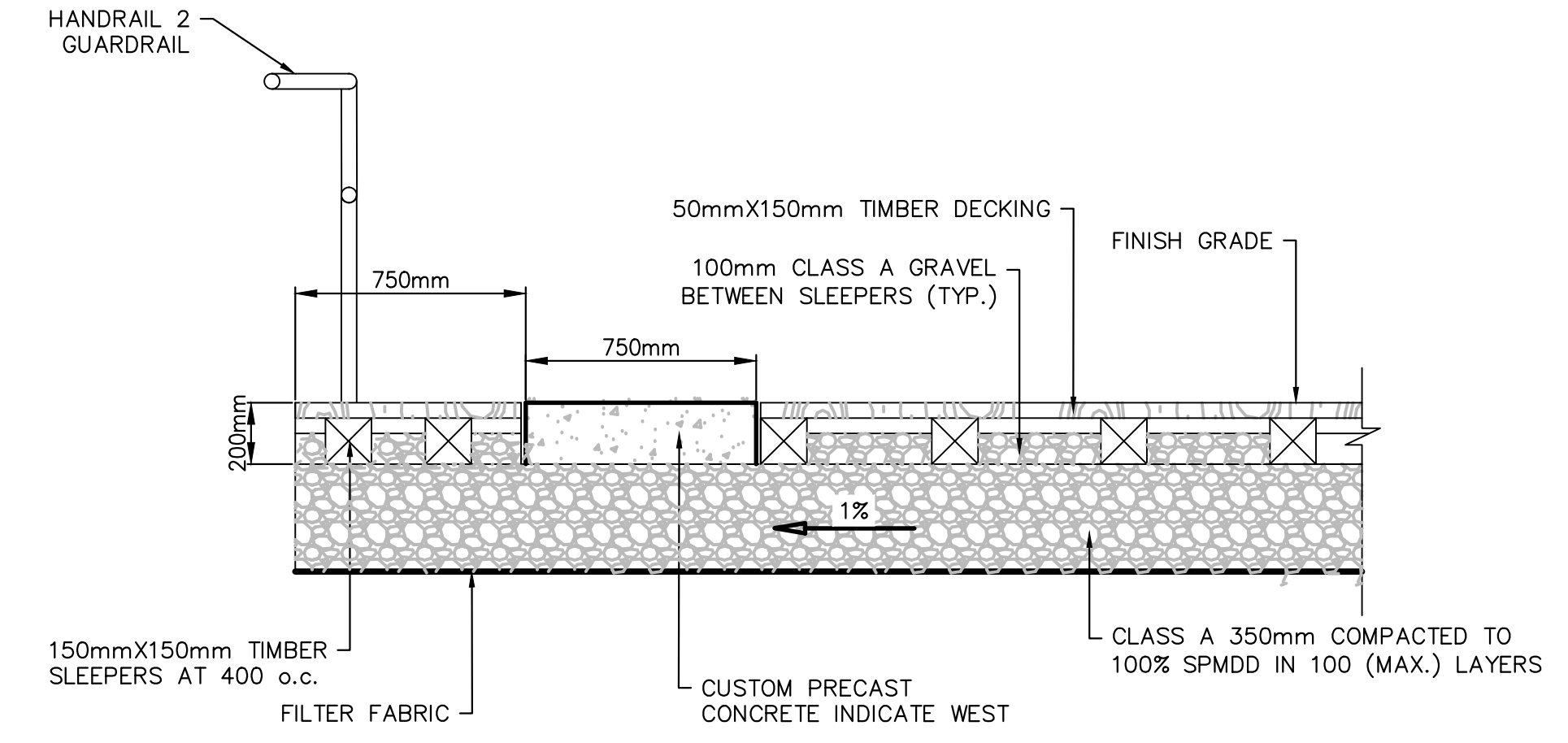
1. EMBED REMOVABLE MOLD.
2. LAY ASPHALT PATH ENSURING UNIFORM SLOPE TO RECEIVE PRECAST CONCRETE ARROW.
3. REMOVE MOLD AND INSERT PRECAST SOUTH ARROW.
4. FILL PERIMETER 15mm GAP WITH SAND.



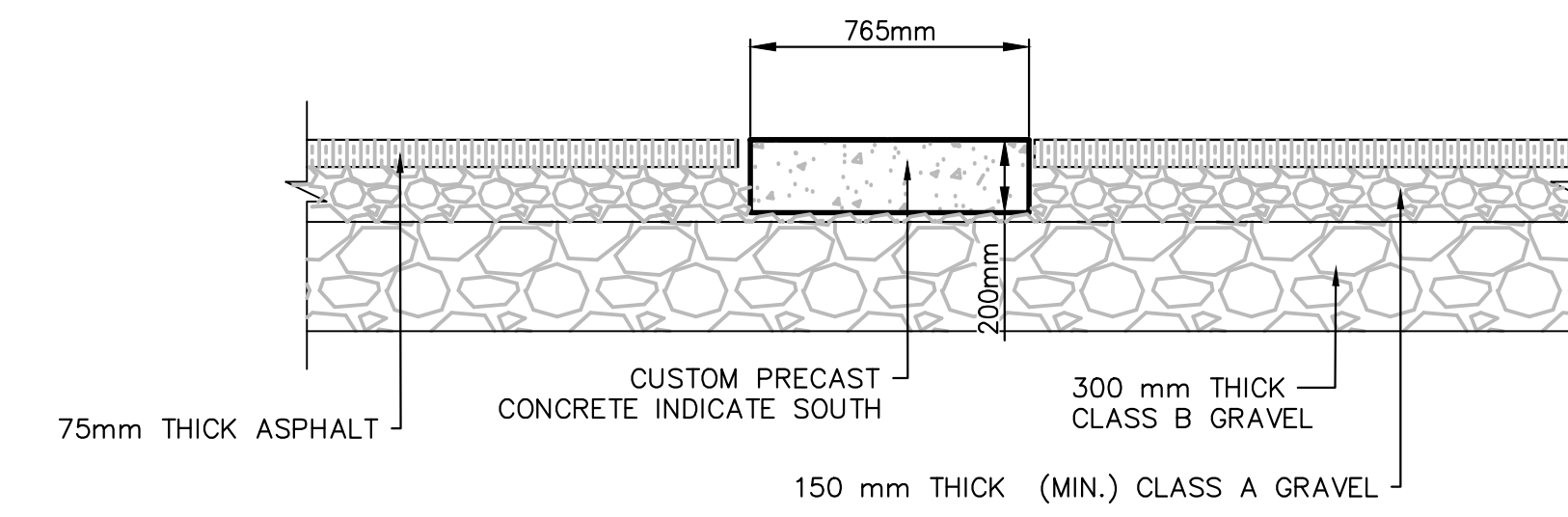
SECTION A
SCALE 1:20



SECTION B
SCALE 1:20



SECTION C
SCALE 1:20



SECTION D
SCALE 1:20

***NOTES**

1. WOOD DECK TO BE EASTERN WHITE CEDAR WITH ACQ TREATED WOOD FOR NON - TOUCH SURFACES.
2. REMOVE ALL LOOSE ORGANIC PRIOR TO PLACING GRANULAR.
3. SLOPE GROUND 1% TOWARDS NORTH
4. MIN BEARING CAPACITY REQUIRED = 75 KPM

GENERAL NOTES

1. READ THE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS.
2. ALL DIMENSIONS ARE IN METRIC UNITS UNLESS NOTED. THE CONTRACTOR SHALL VERIFY DIMENSIONS BEFORE CONSTRUCTION AND REPORT DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE DRAWINGS.
3. THE DESIGN AND CONSTRUCTION AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA 2010 AND REFERENCED STANDARDS THEREIN. ALL REFERENCED STANDARDS SHALL BE THE LATEST EDITION.
4. REFER TO OTHER CONTACT DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, SLEEVES AND OTHER BUILDING COMPONENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS. REPORT DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
5. CONTRACTOR TO CONFIRM WITH EQUIPMENT SUPPLIERS DIMENSIONS AND ALL OTHER CRITICAL DETAILS PRIOR TO CONSTRUCTION. REPORT DISCREPANCIES AND OBTAIN APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION.
6. NOTIFY THE DEPARTMENTAL REPRESENTATIVE 48 HOURS IN ADVANCE OF CONCRETE POURS FOR SITE REVIEW.
7. DRAWINGS SHOW COMPLETED STRUCTURES ONLY. PROVIDE TEMPORARY BRACING FOR CONSTRUCTION LOADING CONDITIONS AND STABILITY OF THE STRUCTURE DURING CONSTRUCTION. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS.
8. CONSTRUCTION METHODS REQUIRING TEMPORARY SHORING, OR BRACING, SHALL BE SUBMITTED TO THE DEPARTMENTAL REPRESENTATIVE FOR REVIEW. THE CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER, REGISTERED IN THE PROVINCE OF NEWFOUNDLAND, TO PERFORM AND TAKE RESPONSIBILITY FOR ANY SHORING OR OTHER DESIGNS REQUIRED TO COMPLETE THE CONSTRUCTION.
9. CONTRACTOR TO VERIFY LOCATION OF UNDERGROUND SERVICES AND BE RESPONSIBLE FOR DISRUPTIONS.

DESIGN LOADS (UNFACTORED)

1. REFERENCE LOCATION: ST. JOHN'S, NL.
2. IMPORTANCE CATEGORY: NORMAL
3. SNOW:
 - Ss = 2.9 kPa
 - Sr = 0.7 kPa
 - Is = 1.0 (ULS)
 - Is = 0.75 (SLS)
4. WIND:
 - q(1/50) = 0.78 kPa
 - Iw = 1.0 (ULS)
 - Iw = 0.75 (SLS)
 - OPEN EXPOSURE
5. SEISMIC:
 - SITE CLASS D (ASSUMED)
 - Sa(0.2) = 0.17
 - Sa(0.5) = 0.12
 - Sa(1.0) = 0.076
 - Sa(2.0) = 0.025
 - PGA = 0.057
 - Ie = 1.0 (ULS)
6. DEAD LOADS: 0.5kPa
7. LIVE LOADS: 4.8kPa
DECKS NOT DESIGNED FOR VEHICLE WHEEL LOAD
8. HANDRAILS AND GUARDS SHALL BE DESIGNED TO COMPLY WITH THE REQUIREMENTS OF NBCC 2010 SECTION 4.1.5.14 CLAUSES 1(a), 2, 3 AND 4. CONTRACTOR SHALL SUBMIT CONNECTION DETAIL SHOP DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF NEWFOUNDLAND AND LABRADOR.

CONCRETE REINFORCEMENT

1. REINFORCING STEEL SHALL BE BILLET STEEL CONFORMING TO CSA-G30.18 GRADE 400.
2. CONCRETE COVER TO REINFORCING STEEL SHALL BE 75mm.

METALS

1. ALL ALUMINUM SHALL BE GRADE 6061-76.
2. ALL STAINLESS STEEL SHALL BE GRADE 316.
3. PROVIDE A BITUMINOUS COATING BETWEEN DISSIMILAR METALS AND BETWEEN CONCRETE AND ALUMINUM OR STAINLESS STEEL.
4. PROVIDE STAINLESS STEEL FASTENERS FOR ALUMINUM AND STAINLESS STEEL.
5. ALL STRUCTURAL STEEL AND FASTENERS SHALL BE HOT-DIPPED GALVANIZED.
6. ISOLATE SS ANCHOR RODS, NUTS AND PLATES FROM REINFORCING STEEL IN CONCRETE.

WOOD FRAMING

1. WOOD CONSTRUCTION, NOTCHING, FASTENING, ETC. SHALL CONFORM TO CSA-086.
2. WOOD FRAMING MATERIAL (UNLESS NOTED OTHERWISE):
SPF No.1/No.2 OR BETTER.
3. WOOD PLANK DECKING: TO NLGA STANDARD GRADING RULES FOR CANADIAN LUMBER. SELECT STRUCTURAL GRADE, NORTHERN, 50mm x 150mm, KILN DRY DECKING TO 15% MAXIMUM MOISTURE CONTENT.
4. CONTRACTOR SHALL DESIGN CONNECTIONS, SUBMIT SHOP DRAWINGS WITH DESIGNED CALCULATIONS OF MEMBERS AND CONNECTIONS FOR REVIEW, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF NEWFOUNDLAND AND LABRADOR. SHOP DRAWINGS SHALL INDICATE DESIGN LOADS, LUMBER SPECIES AND GRADES, LAYOUT, JOINT DETAILS AND CONNECTOR CAPACITIES.
5. ALL SHOP DRAWINGS MUST BE APPROVED PRIOR TO FABRICATION OF WOOD MEMBERS.
6. FRAMING CONNECTIONS: AS MANUFACTURED BY SIMPSON STRONGTIE (WWW.STRONGTIE.COM), GALVANIZED. ALTERNATE CONNECTIONS SHALL NOT BE USED UNLESS APPROVED BY THE DEPARTMENTAL REPRESENTATIVE.
7. ALL JOISTS, FRAMING, AND DECKING DELIVERED TO THE SITE SHALL BE KEPT DRY. NO WARPED MATERIALS SHALL BE USED.
8. ALL NON-TOUCH WOOD SHALL BE PRESSURE TREATED TO USE CATEGORY UC4.2 IN ACCORDANCE WITH CSA 080 SERIES-15. SEE ALSO GENERAL AND CIVIL DRAWINGS.
9. ALL STEEL EXPOSED TO WEATHER (SUCH AS BOLTS, BRACKETS, ETC.) SHALL BE HOT-DIP GALVANIZED.
10. ALL CONNECTION AND DETAILS SUCH AS HANGERS, NOTCHES, BRACKETS, FASTENING DECK TO BEAMS, ETC., BY CONTRACTOR AND TO BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF NEWFOUNDLAND. WHENEVER A NOTCH IS INTRODUCED, ENSURE MEMBER HAS SUFFICIENT CAPACITY (BENDING, SHEAR, ETC.). NOTCHES NOT TO EXCEED 0.25 THE DEPTH OF MEMBER. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.

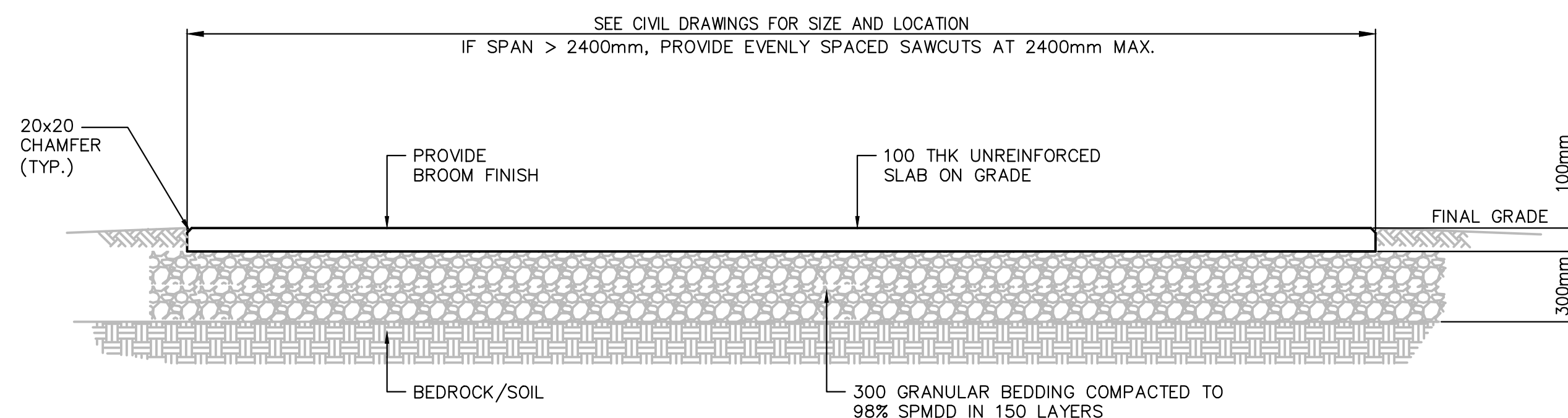
EXCAVATION AND BACKFILL

1. EXCAVATE TO LINES AND LEVELS NECESSARY TO COMPLETE THE WORK. MINIMUM SIDE SLOPES OF TEMPORARY EXCAVATIONS SHALL NOT EXCEED 1.0H:1.0V. CONTROL EXCAVATION TO ENSURE BOTTOM OF EXCAVATION DOES NOT SOFTEN DUE TO EXCESS MOISTURE.
2. DO NOT PLACE BACKFILL ON FROZEN GROUND, NOR USE FROZEN MATERIAL.
3. MAINTAIN OPTIMUM MOISTURE CONTENT TO PERMIT COMPACTION TO ATTAIN SPECIFIED DENSITIES. PROTECT BACKFILLED GRADE, DURING AND AFTER COMPLETION OF BACKFILL OPERATION, FROM SOFTENING DUE TO EXCESS MOISTURE.
4. ALL BACKFILL SHALL BE COMPACTED TO 98% MODIFIED DRY SPD.

CAST-IN-PLACE

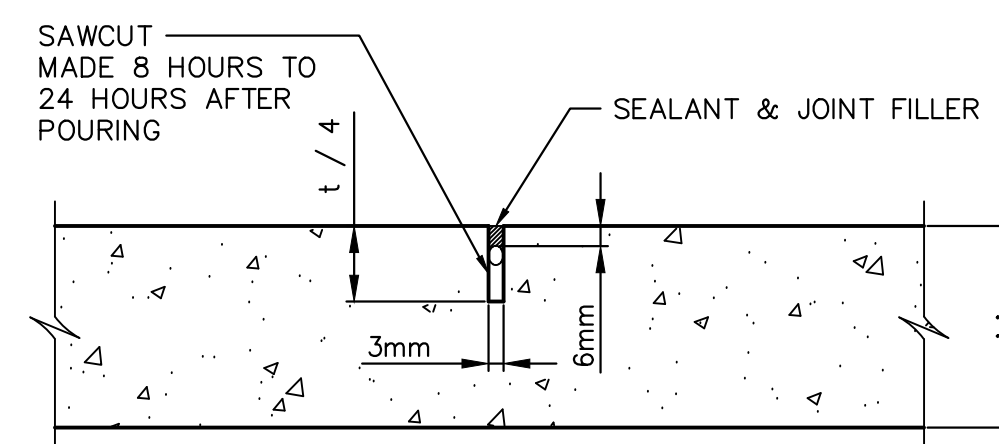
1. PROVIDE CONCRETE AND PERFORM WORK IN ACCORDANCE WITH CSA A23.1-09/A23.2-09. THE CONTRACTOR SHALL HAVE A COPY OF THIS STANDARD ON SITE AT ALL TIMES.
2. ALL CONCRETE SHALL BE NORMAL-DENSITY WITH NORMAL-DENSITY FINE AND COARSE AGGREGATE AND BE PROPORTIONED TO MEET THE FOLLOWING REQUIREMENTS:

LOCATION	CSA EXPOSURE CLASS	CEMENT TYPE	MINIMUM COMPRESSIVE STRENGTH (MPa)	MAX W/C RATIO	MAX AGGREGATE (mm)	AIR CONTENT (%)
FOUNDATIONS, SLABS	C-1	GU	35 @ 28 DAYS	0.4	20	5-8

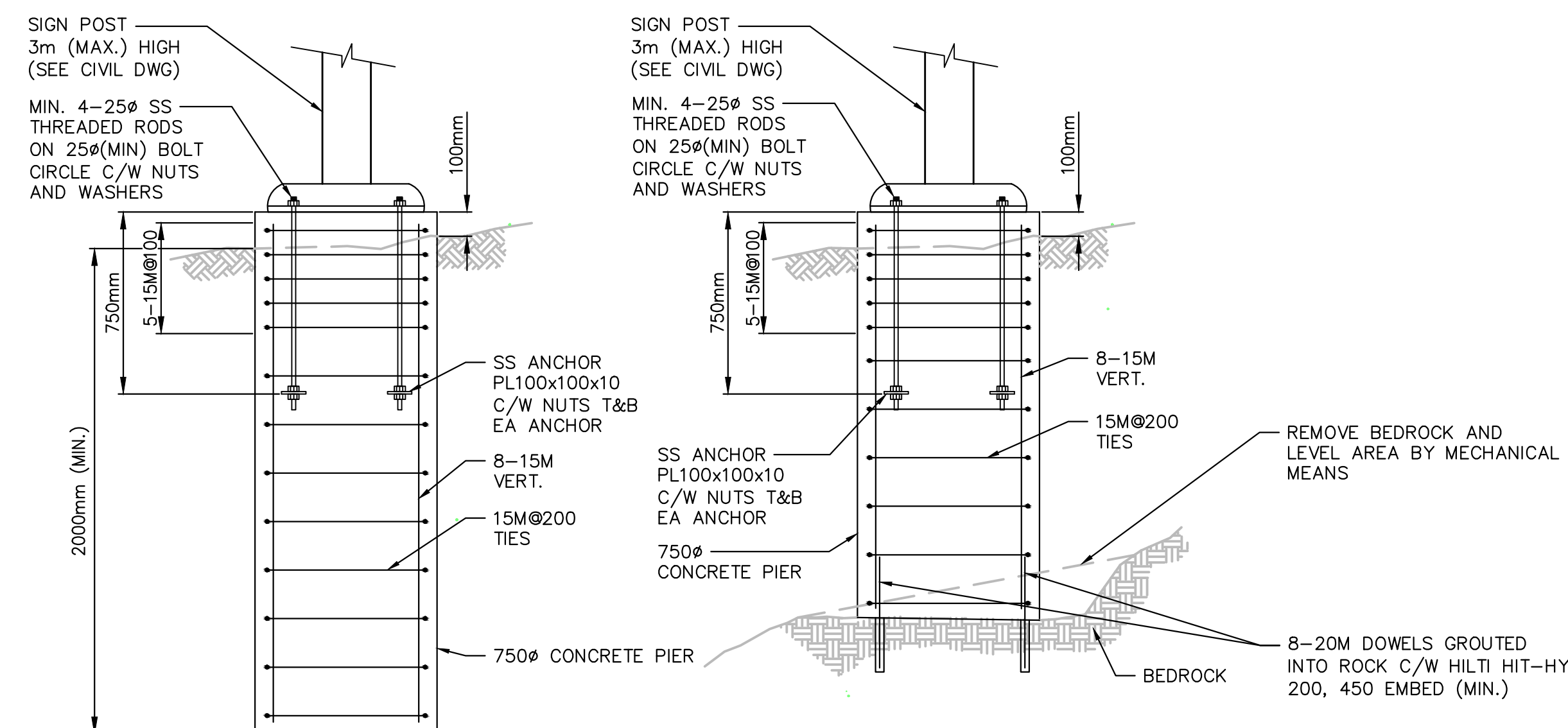


- NOTES:
1. REMOVE ALL ORGANIC, LOOSE, DISTURBED AND FRACTURED MATERIALS PRIOR TO PLACING SLAB.
 2. PROOF ROLL AND COMPACT GROUND PRIOR TO PLACING SLAB ON SOIL.
 3. MINIMUM ALLOWABLE BEARING PRESSURE = 75 kPa
 4. SUBGRADES TO BE ASSESSED BY GEOTECHNICAL ENGINEER BEFORE CASTING SLAB.

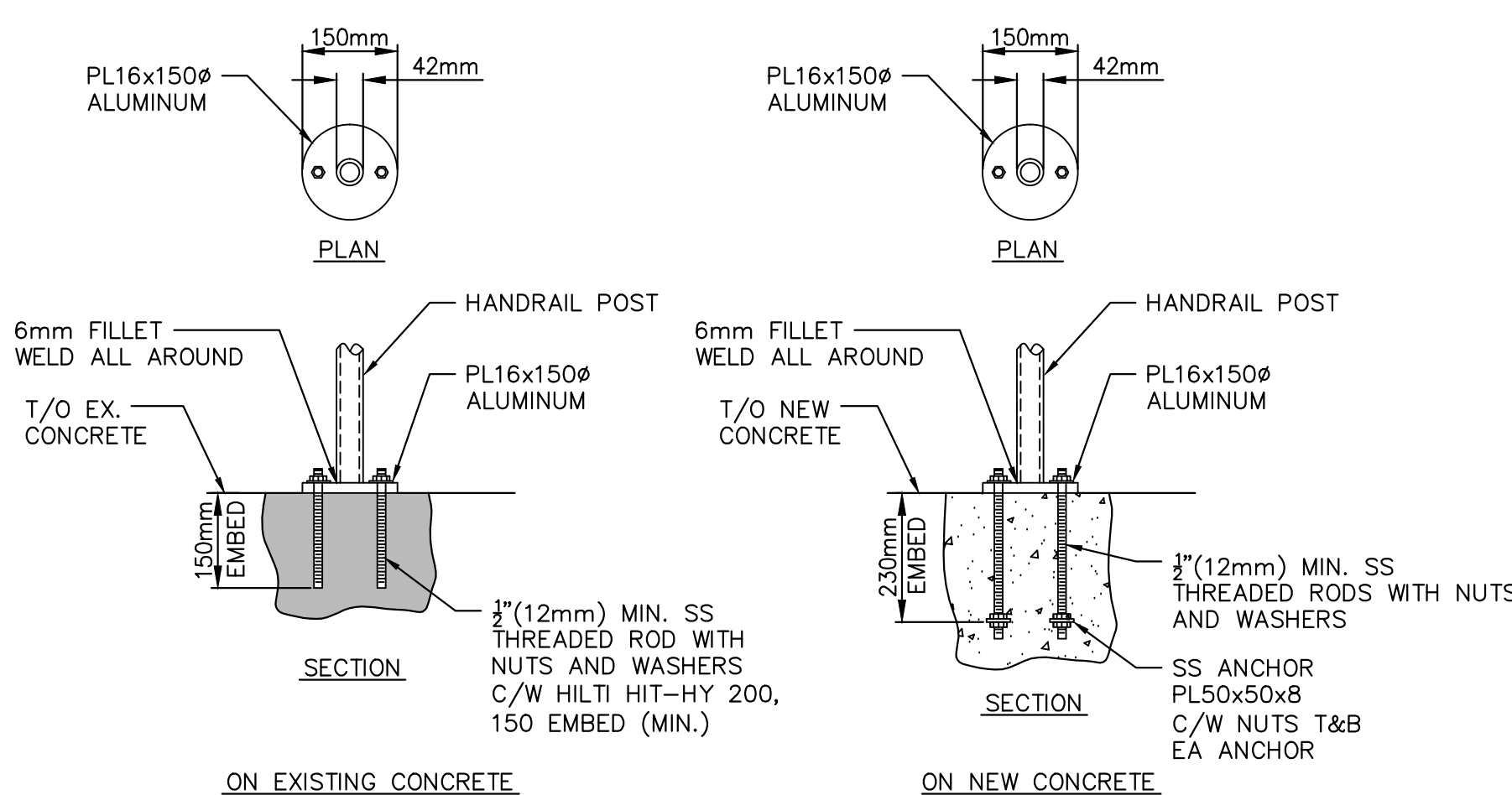
TYPICAL CONCRETE PAD DETAIL
SCALE NTS



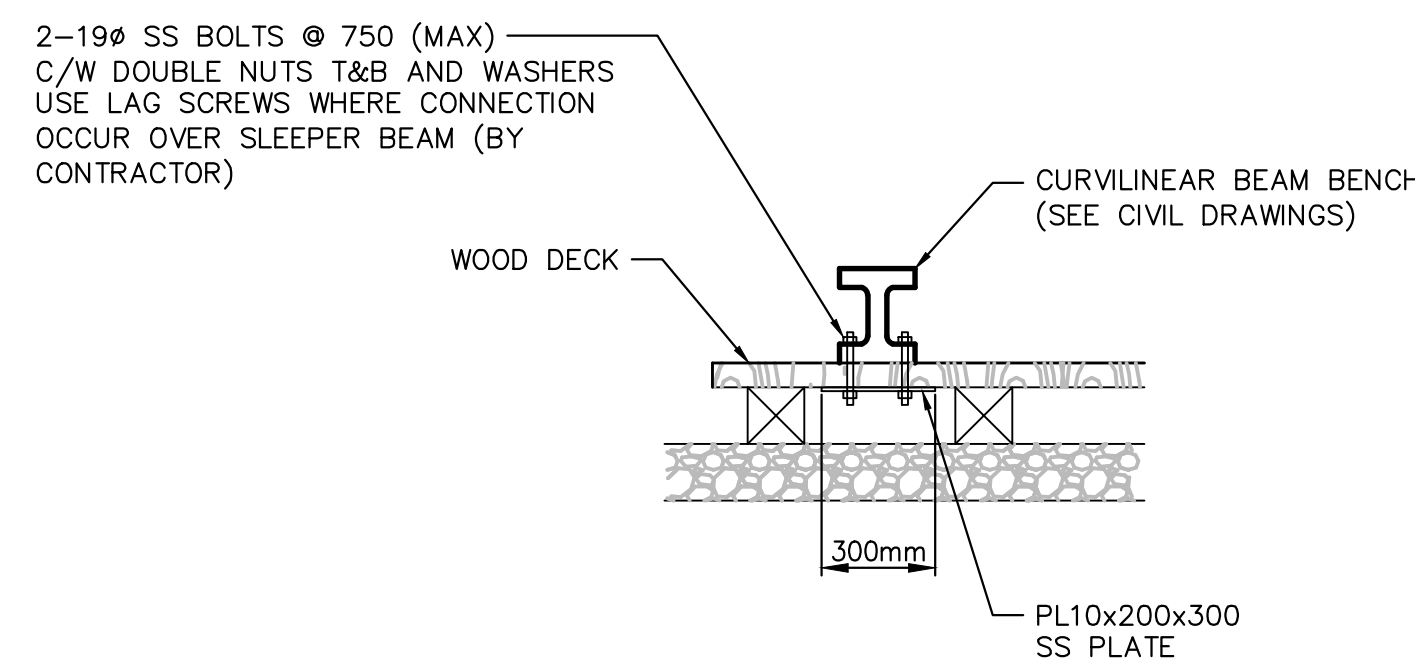
TYPICAL SAWCUT DETAIL
SCALE NTS



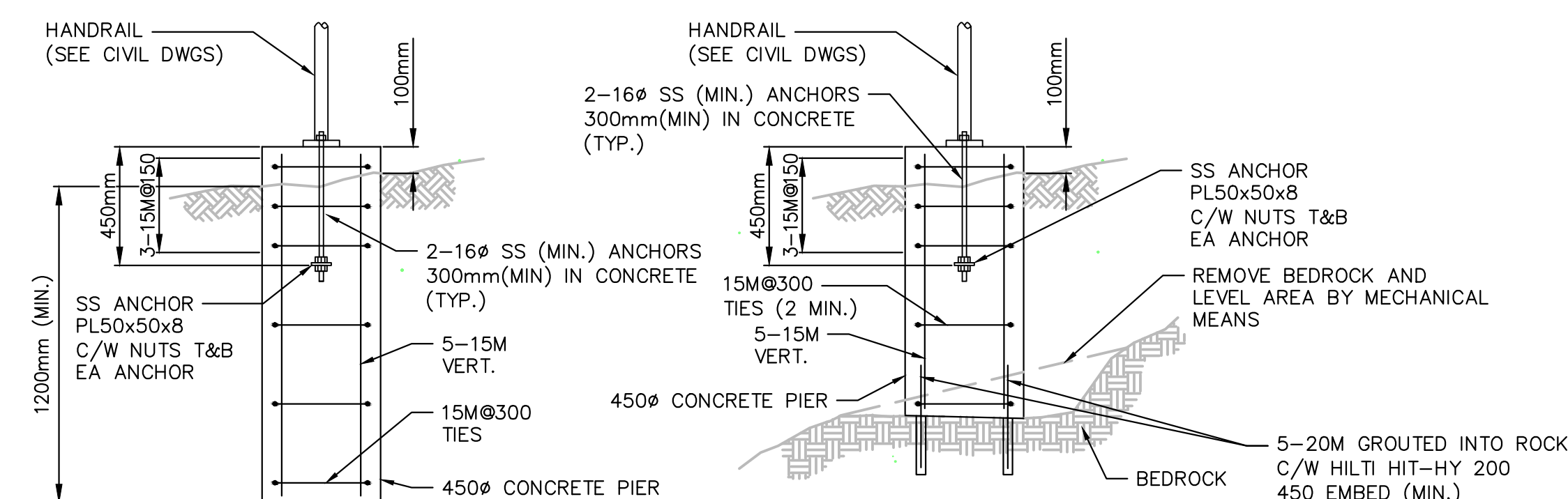
TYPICAL FOUNDATION DETAIL FOR SIGN POST
SCALE NTS



HANDRAIL MOUNTING IN CONCRETE TYPICAL DETAIL
SCALE NTS



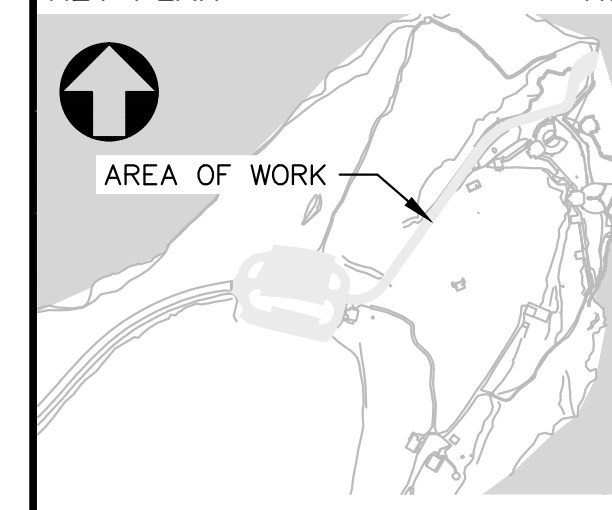
TYPICAL CURVILINEAR BENCH CONNECTION DETAIL
SCALE NTS



TYPICAL CONCRETE PIER FOUNDATION DETAIL FOR HANDRAILS
SCALE NTS

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KEY PLAN



LEGEND

- CONT. - DENOTES CONTINUOUS
- C/W - DENOTES COMPLETE WITH
- EA - DENOTES EACH
- EW - DENOTES EACH WAY
- EX. - DENOTES EXISTING
- MAX. - DENOTES MAXIMUM
- MIN. - DENOTES MINIMUM
- R/W - DENOTES REINFORCED WITH
- SS - DENOTES STAINLESS STEEL
- T&B - DENOTES TOP AND BOTTOM
- T&G - DENOTES TONGUE AND GROOVE
- TYP. - DENOTES TYPICAL
- T/O - DENOTES TOP OF
- U.N.O. - DENOTES UNLESS NOTED OTHERWISE
- VERT. - DENOTES VERTICAL



1	ISSUED FOR TENDER	02/07/2017
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revisions	date
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project	project
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**PARKS CANADA AGENCY
MOST EASTERLY POINT
SITE IMPROVEMENTS**

drawing	design
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**GENERAL NOTES
AND TYPICAL DETAILS**

designed	A. ZANJUR	conçu
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date	2016.12.23
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drawn	H. HILARIO	dessiné
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date	2016.12.23
------	------------

approved	R. KELLY	approuvé
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date	2016.12.23
------	------------

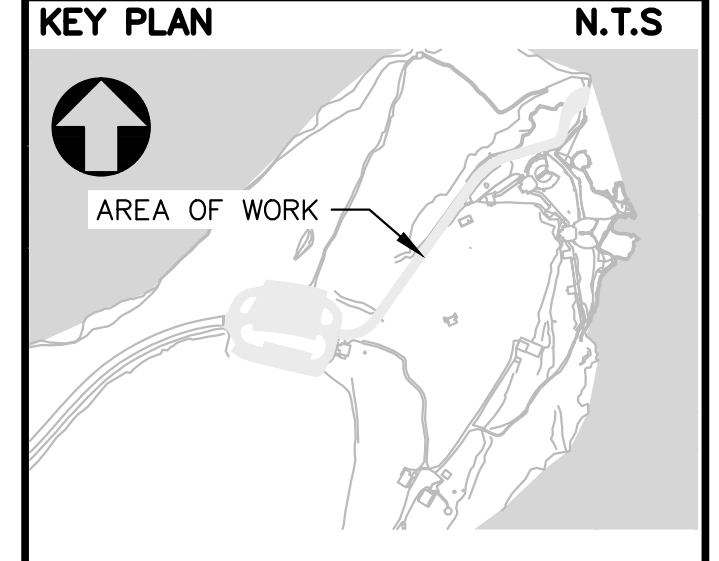
Tender	R. GOURD	Submission
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PCA Project Manager	Administrateur de projets APC
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project number	60480628	no. du projet
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drawing no.	S1	no. du dessin
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LEGEND

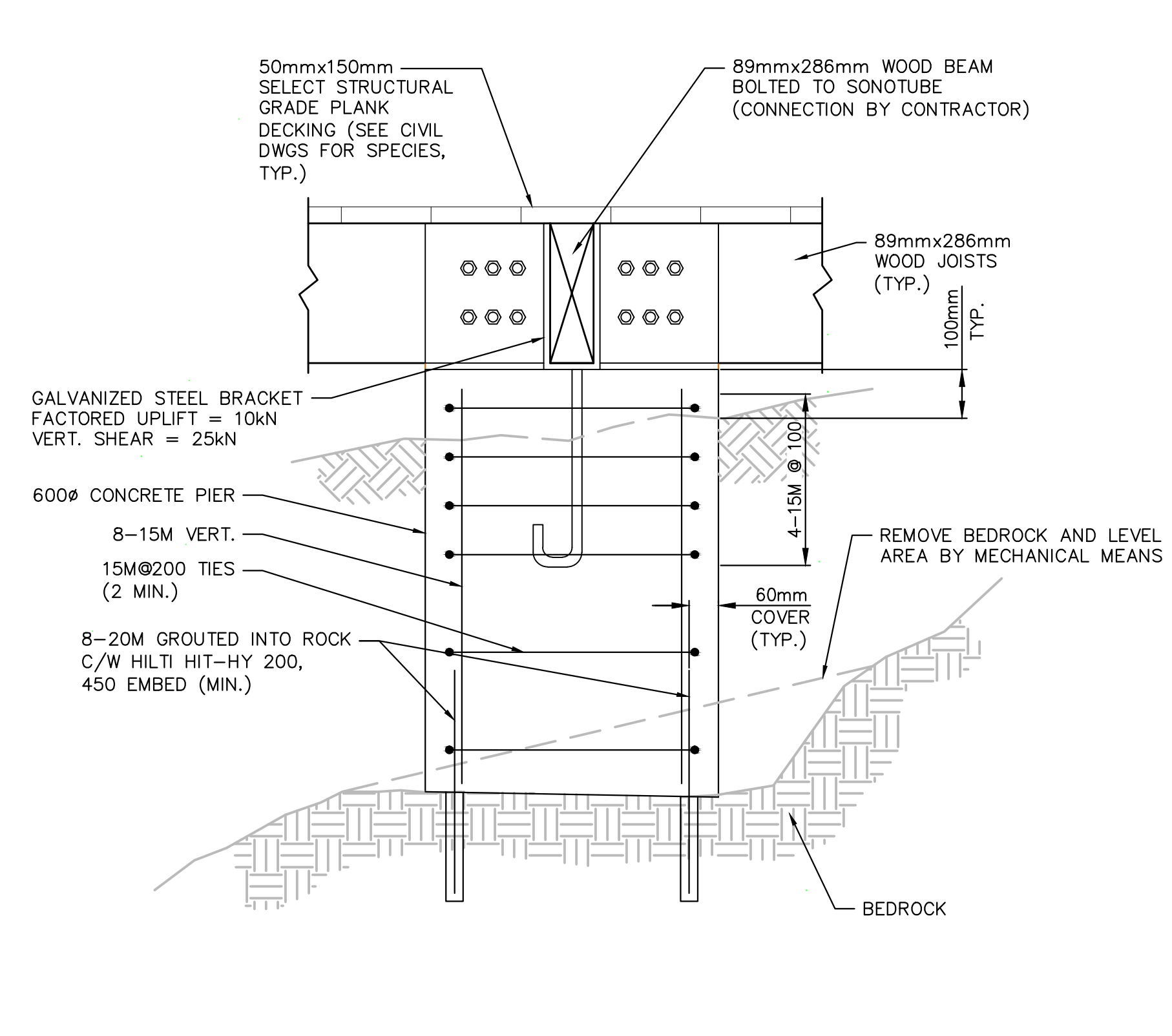
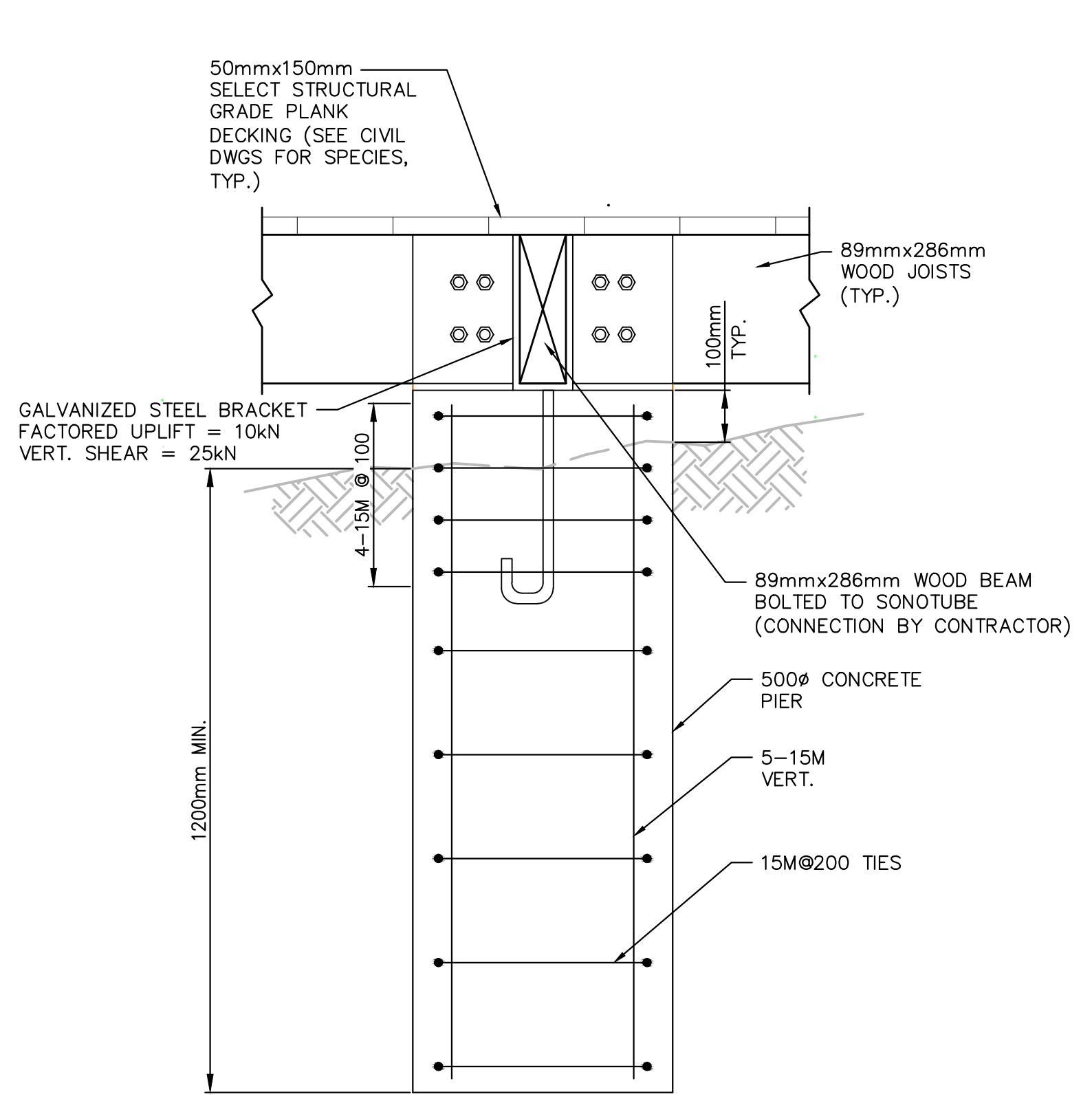
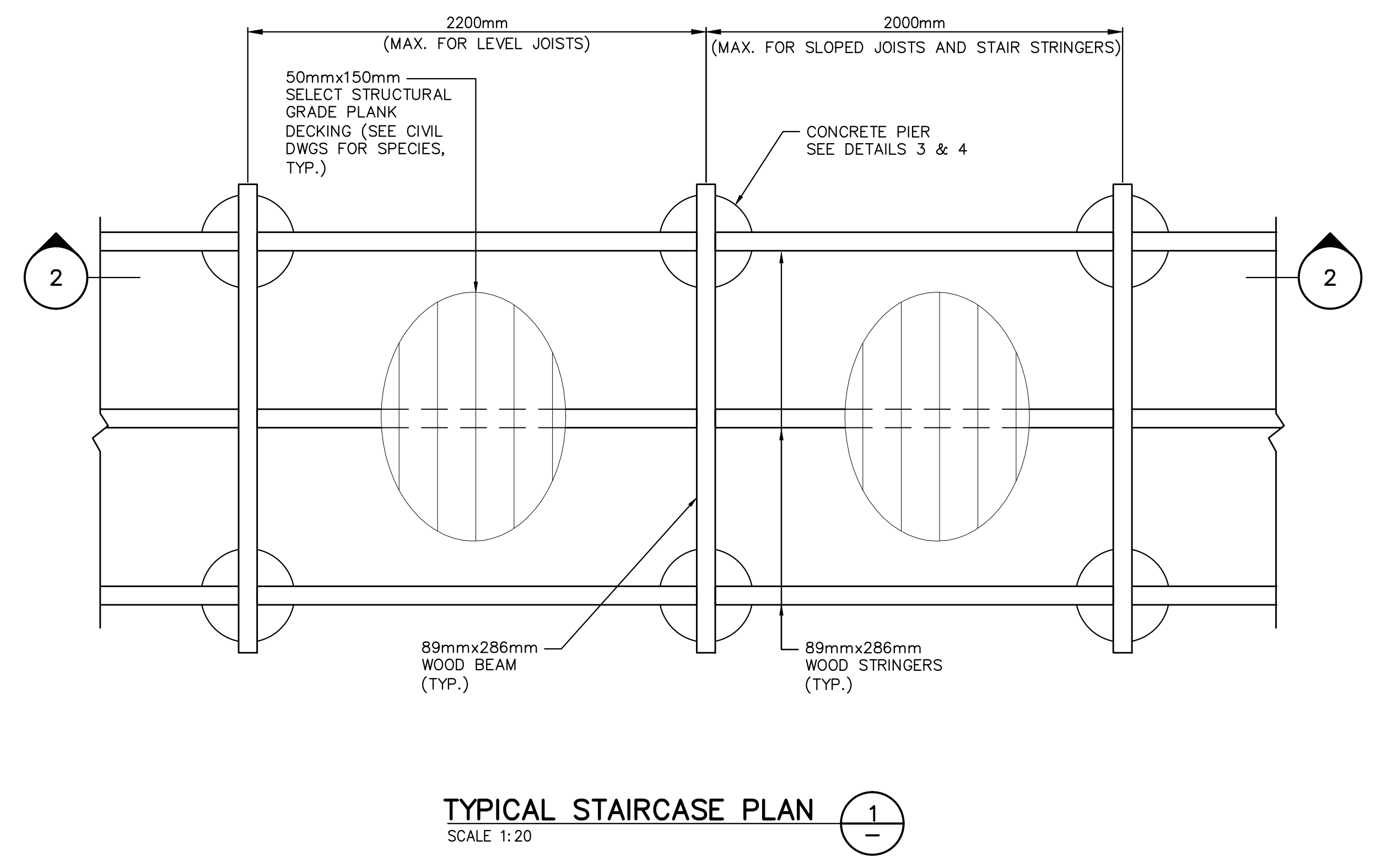
Professional Engineer
 09169
 HILARIO
 7 FEB 2017
 HILARIO
 HILARIO & ASSOCIATES

1	ISSUED FOR TENDER	02/07/2017
revisions		date

project: PARKS CANADA AGENCY
 MOST EASTERLY POINT
 SITE IMPROVEMENTS

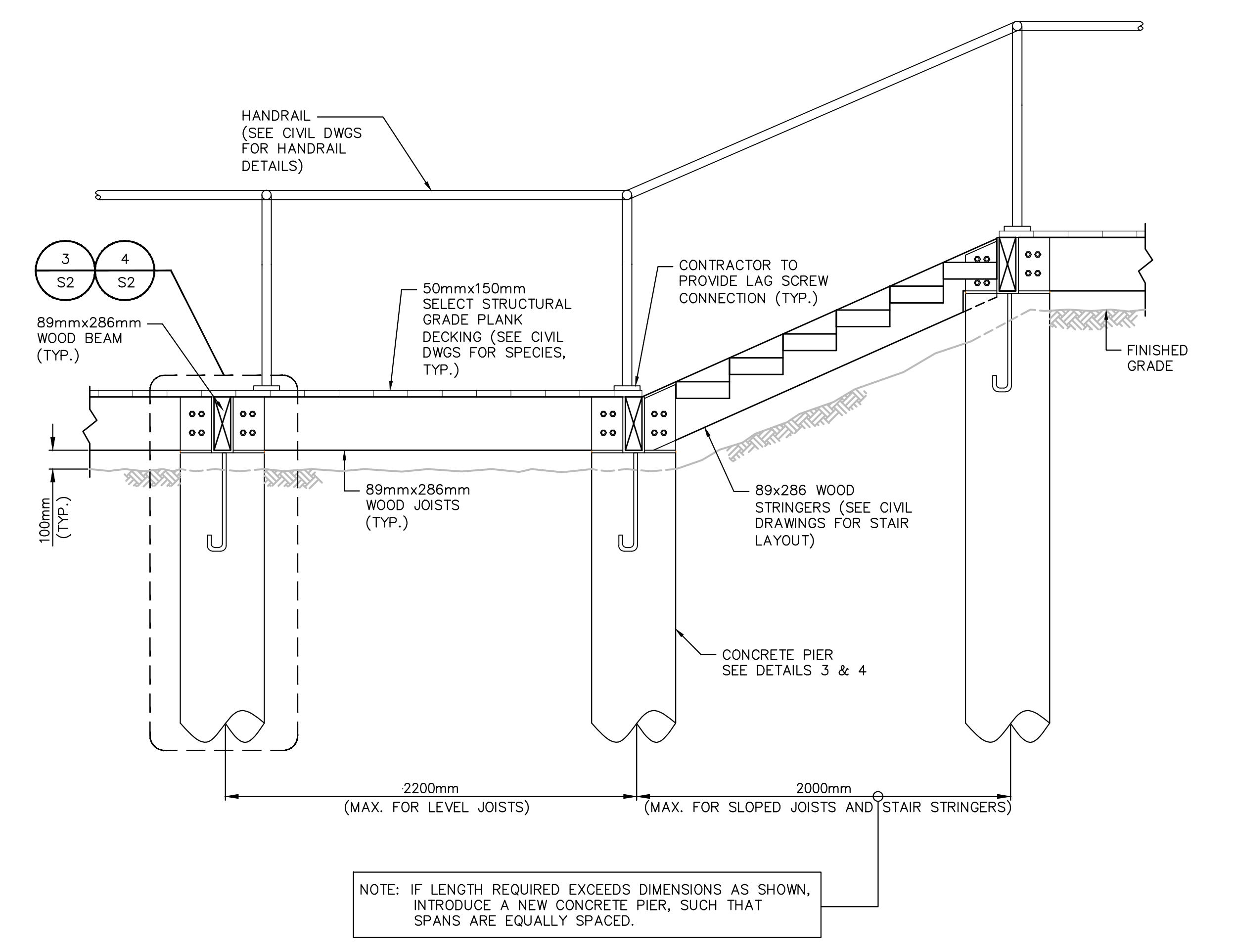
TYPICAL STAIRCASE PLAN, ELEVATION AND SECTIONS

designed	A. ZANUIR	conçu
date	2016.12.23	
drawn	H. HILARIO	dessiné
date	2016.12.23	
approved	R. KELLY	approuvé
date	2016.12.23	
Tender	R. GOULD	Submission
PCA Project Manager	Administrateur de projets APC	
project number	60480628	no. du projet
drawing no.	S2	no. du dessin

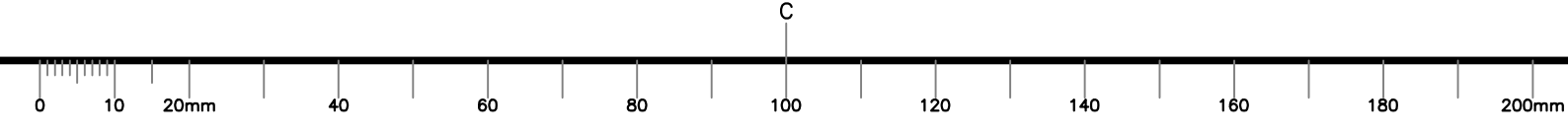


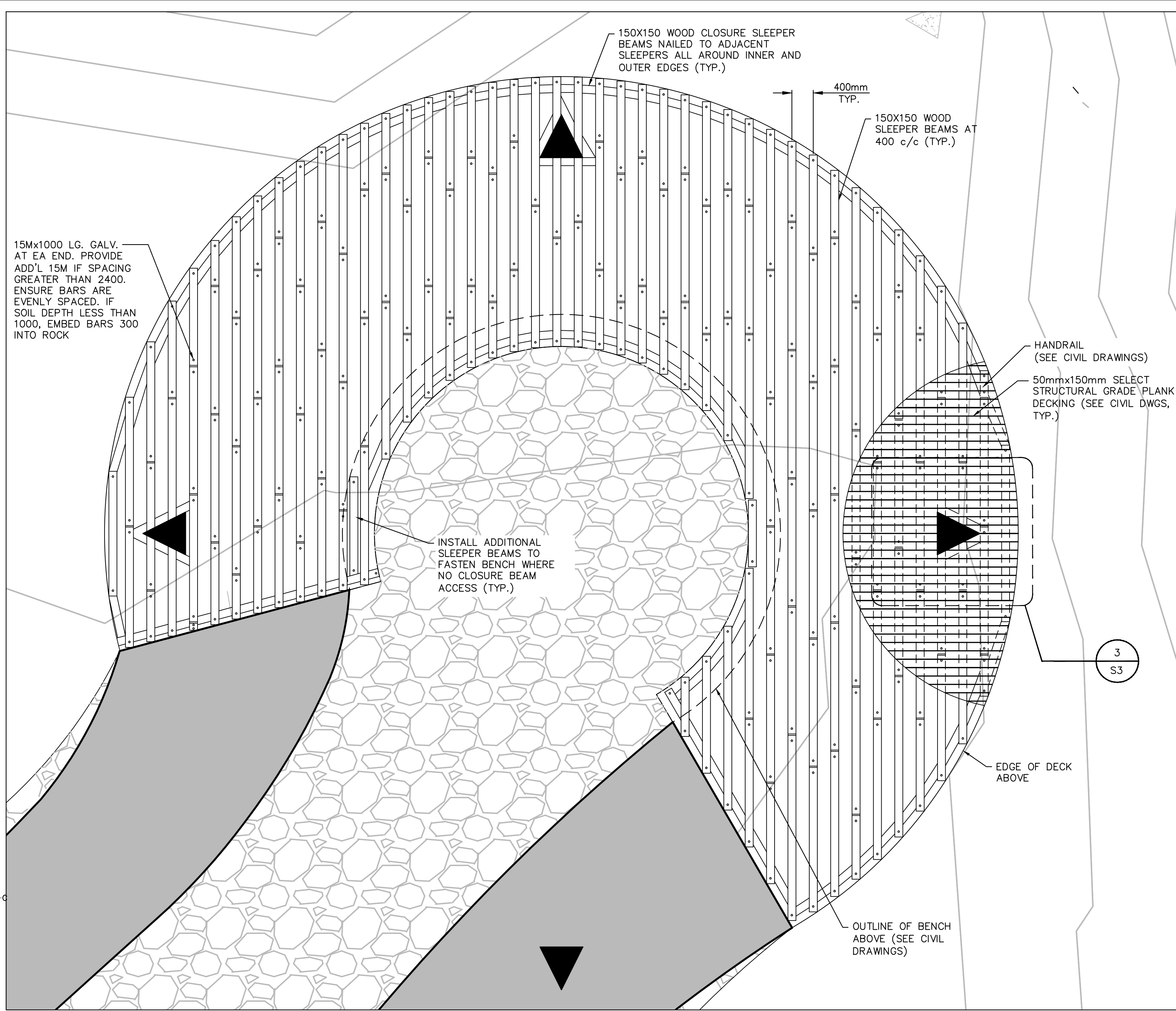
DETAIL 3
 SCALE 1:10

DETAIL 4
 SCALE 1:10

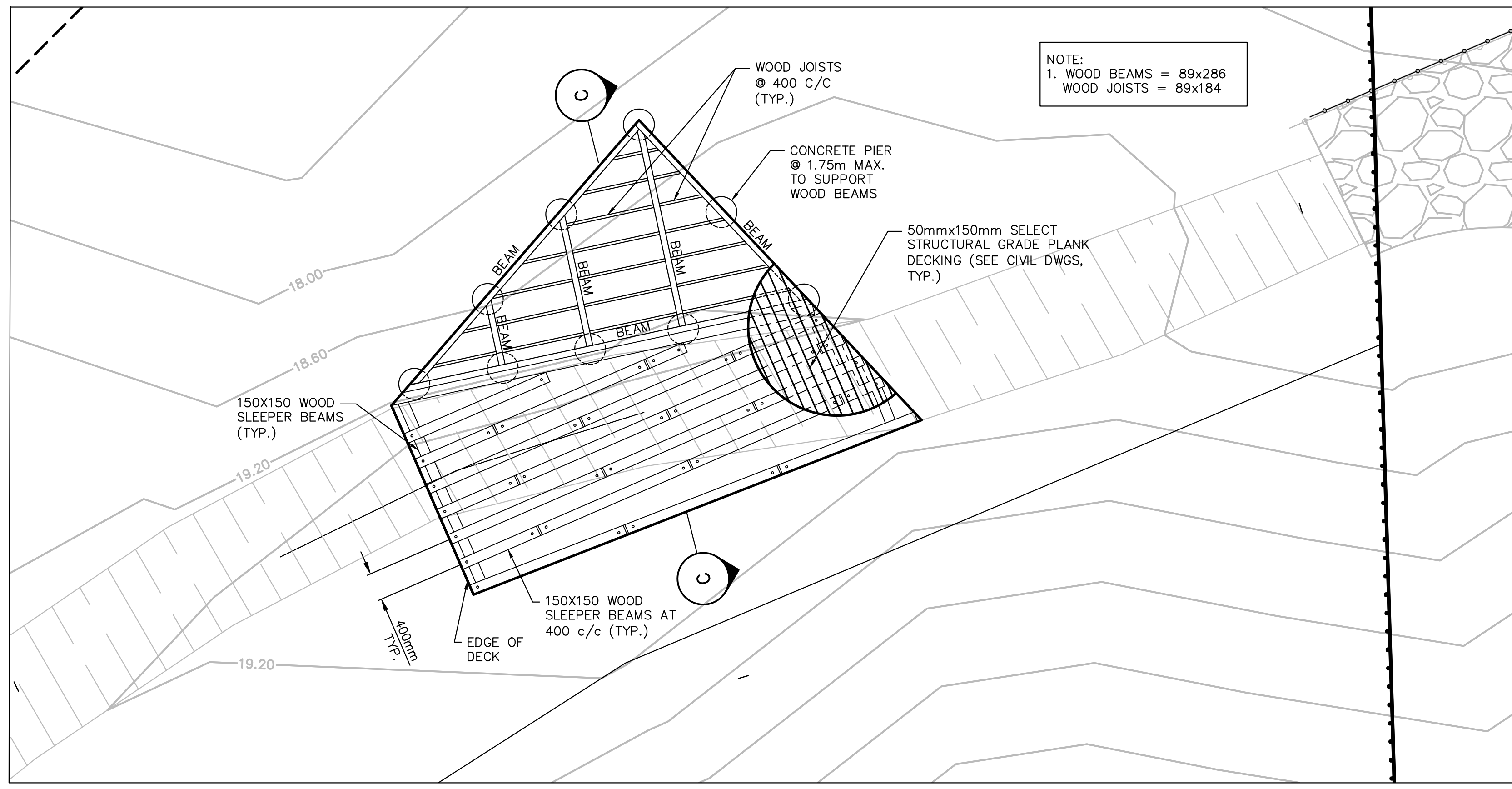


TYPICAL STAIRCASE ELEVATION 2
 SCALE 1:20

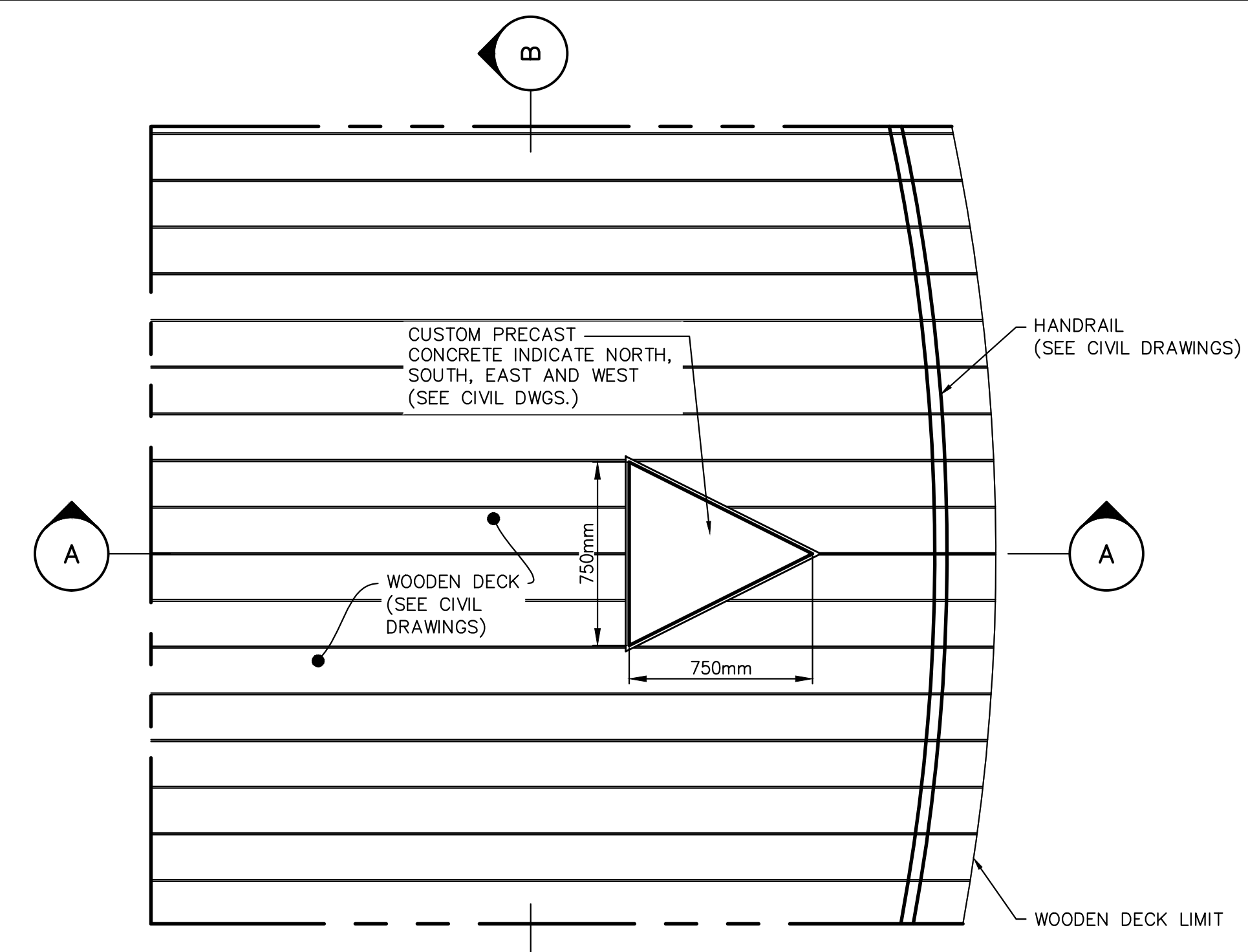




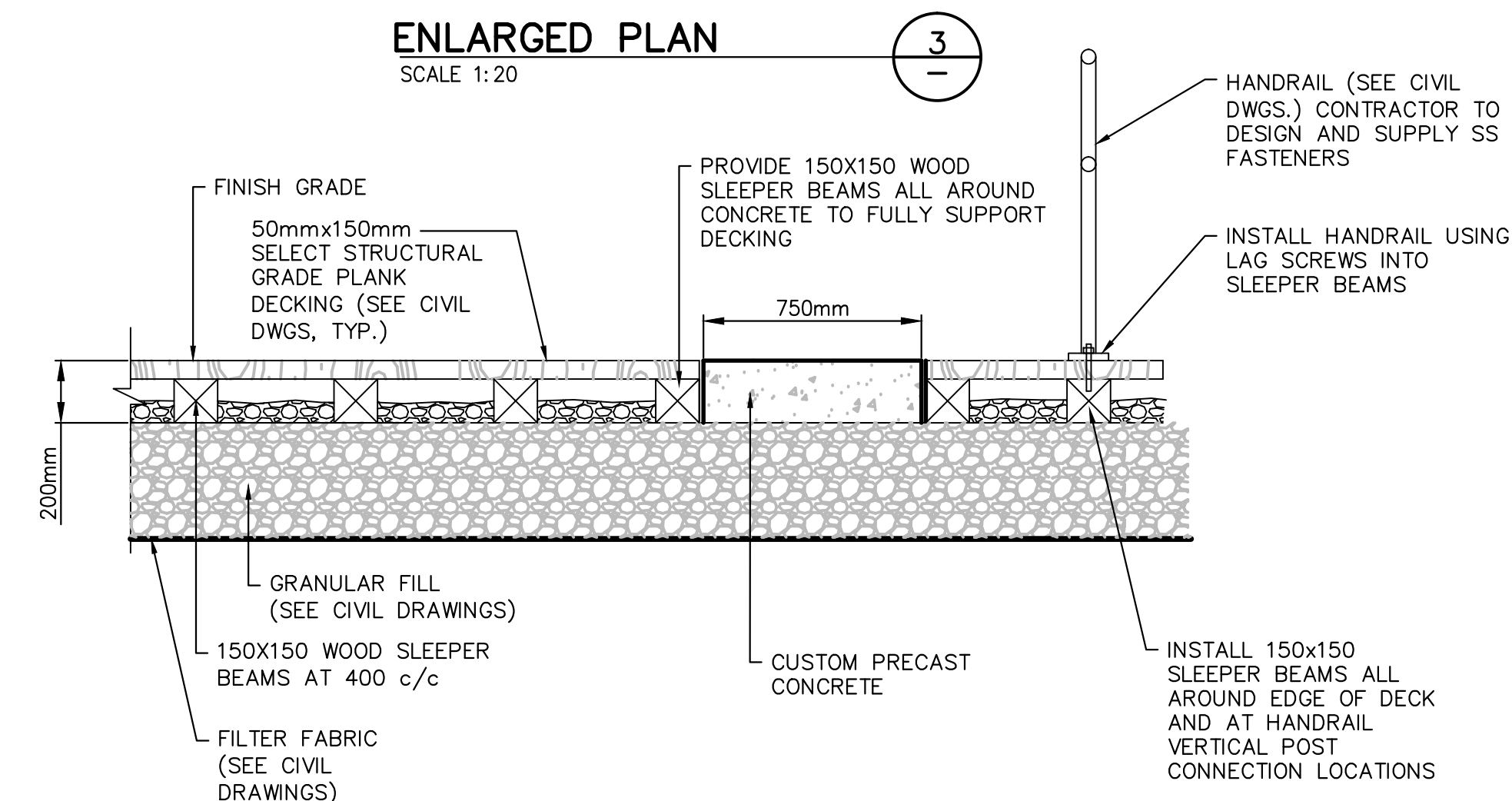
PLAN – MOST EASTERLY POINT SLEEPER BEAM FRAMING
SCALE 1:50



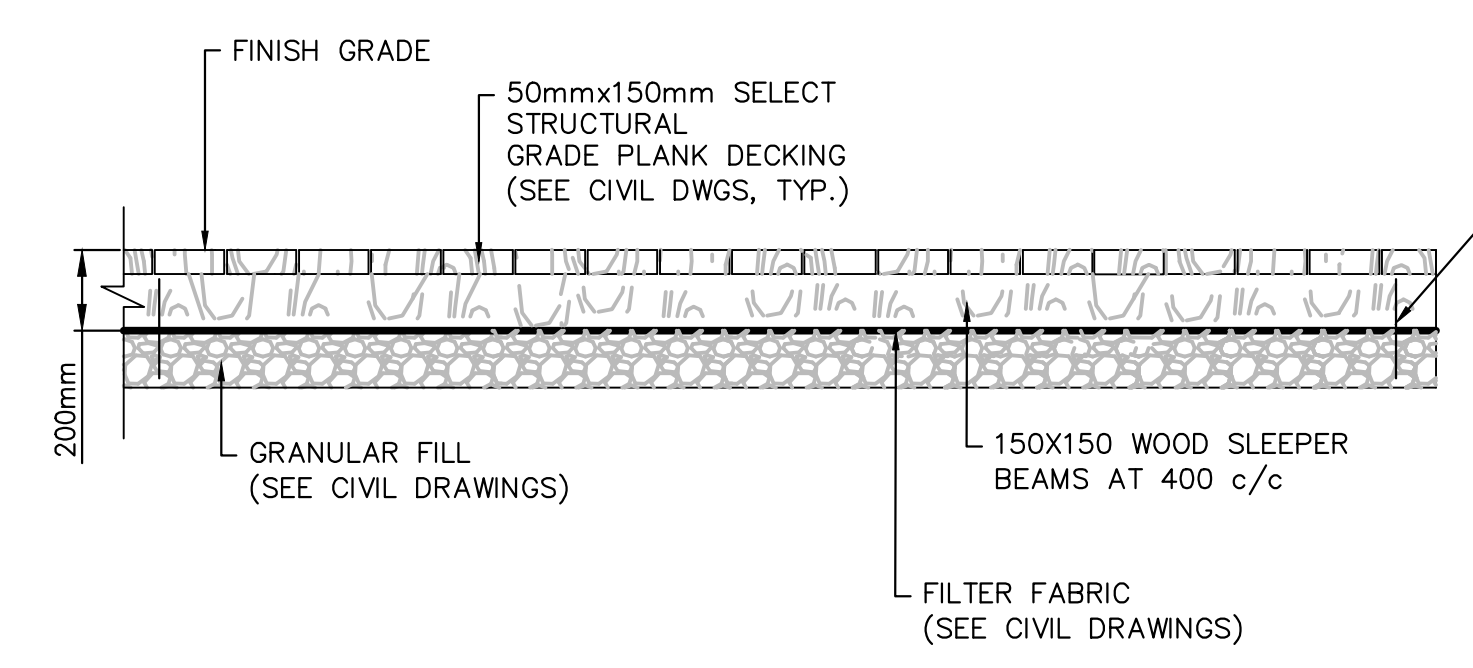
PLAN – LOOKOUT AREA 3 DECK FRAMING
SCALE 1:50



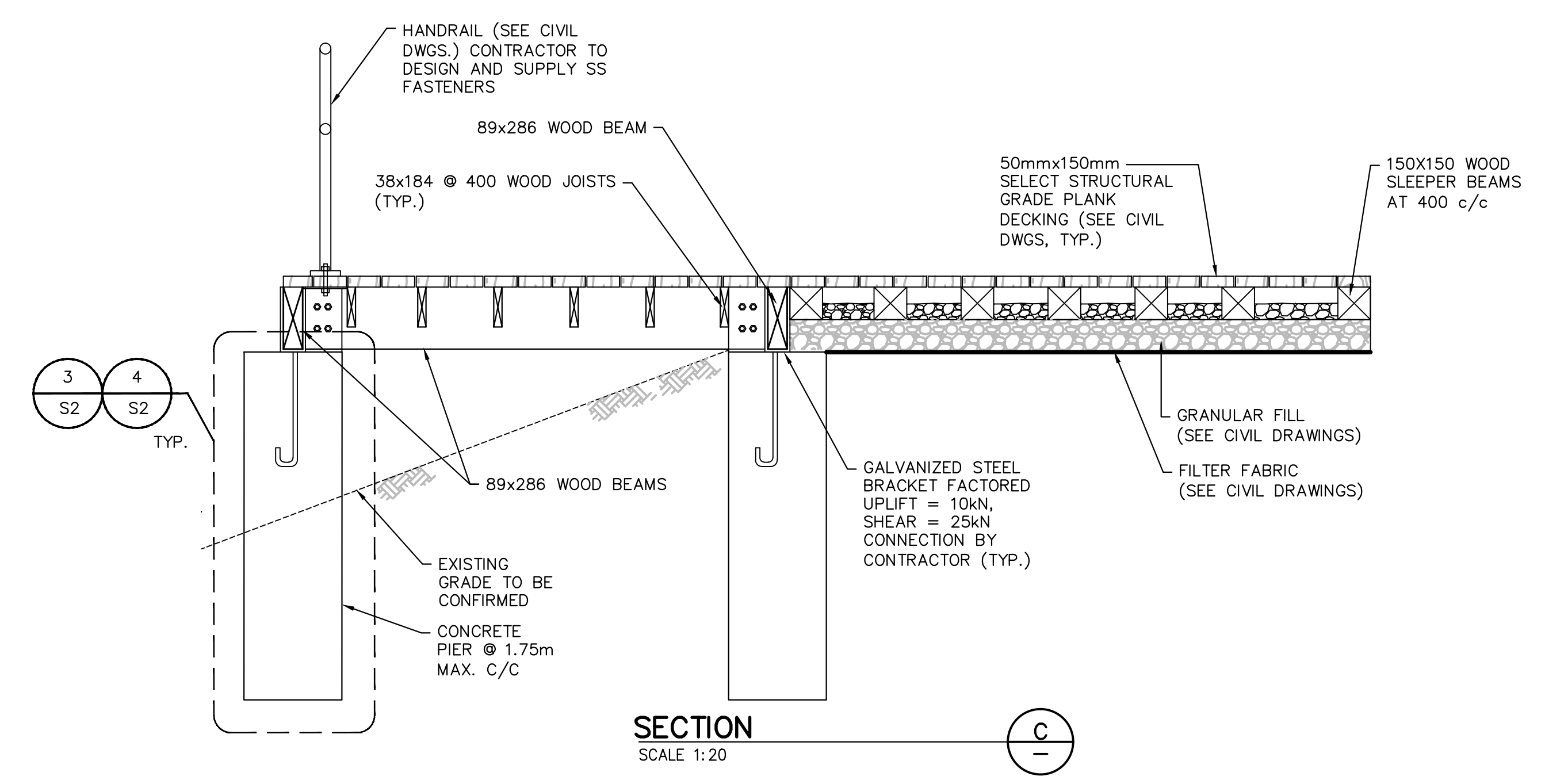
ENLARGED PLAN
SCALE 1:20



SECTION A-A
SCALE 1:20



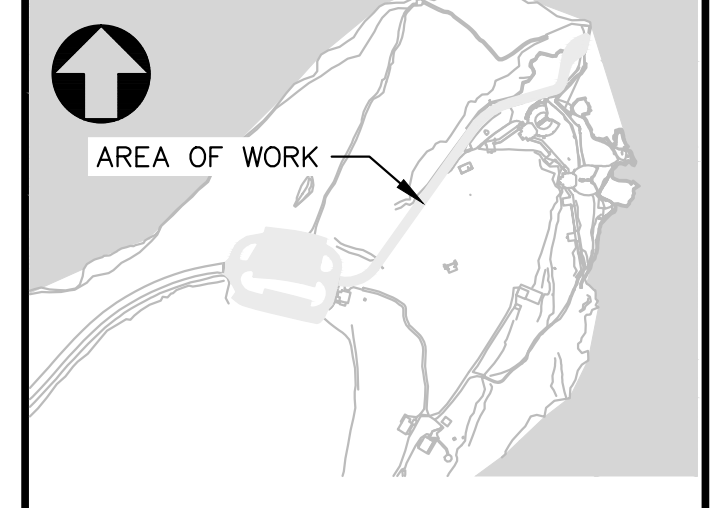
SECTION B-B
SCALE 1:20



SECTION C-C
SCALE 1:20

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KEY PLAN N.T.S.



LEGEND



1	ISSUED FOR TENDER	02/07/2017
revisions		date

project: **PARKS CANADA AGENCY MOST EASTERLY POINT SITE IMPROVEMENTS**

TYPICAL DECK PLAN AND SECTIONS

designed A. ZANUIR	conçu
date 2016.12.23	
drawn H. HILARIO	dessiné
date 2016.12.23	
approved R. KELLY	approuvé
date 2016.12.23	
Tender R. GOURD	Soumission
PCA Project Manager	Administrateur de projets APC
project number	no. du projet
60480628	
drawing no.	no. du dessin
S3	