

FOUNDATION AND SITE WORK

5. THE ROCK ANCHOR BOND LENGTH INDICATED ON THE DRAWINGS AND THE GEOTECHNICAL REPORT ARE GENERAL AND SHALL BE USED FOR ESTIMATE AND BIDDING PURPOSES. ACTUAL ANCHOR BOND LENGTH MAY VARY AS A RESULT OF LOCAL GROUND CONDITIONS AND OTHER UNKNOWN FACTORS. CONTRACTOR IS TO INSTALL A SACRIFICIAL ROCK ANCHOR AT EACH ABUTMENT IN THE ADJACENT AREA SELECTED ON SITE BY THE DEPARTMENTAL REPRESENTATIVE FOR PERFORMANCE TESTS FOR CONFIRMATION OF THE BOND LENGTH PRIOR TO INSTALLATION OF THE ROCK ANCHORS SHOWN ON THE CONTRACT DOCUMENTS. REFER TO SPECIFICATIONS FOR THE REQUIREMENTS ON THE PERFORMANCE TEST.
6. THE BASES OF FOUNDATIONS ON TOP OF CONTROLLED DENSITY FILL SHALL BE PROTECTED FROM RAIN, SNOW AND ANY WATER INFILTRATION AND SHALL BE FREE OF DIRT, LOOSE MATERIAL AND LOOSENEED WEATHERED BEDROCK.

REINFORCED CONCRETE

1. CONCRETE STRENGTH:

MEMBER	MINIMUM 28-DAYS STRENGTH (MPa)	MAXIMUM AGGREGATE SIZE (mm)	EXPOSURE CLASS	AIR CONTENT CATEGORY
FOUNDATION / ABUTMENT	30	20	F-1	1

2. REFER TO SPECIFICATIONS FOR CONCRETE PROPERTIES, EXPOSURE CLASS & OTHER REQUIREMENTS.
3. REINFORCING BARS $f_y = 400$ MPa. ALL REINFORCING BARS TO BE EPOXY COATED. ALL DOWELS ANCHOR BOLTS AND INSERTS SHALL BE PLACED BEFORE THE CONCRETE IS POURED.
4. PROVIDE MINIMUM CONCRETE COVER TO REINFORCEMENT AS FOLLOWS:

CAST AGAINST EARTH	75mm
EXPOSED TO EARTH OR WEATHER:	50mm
ELSEWHERE:	40mm

5. UNLESS NOTED OTHERWISE, PROVIDE MINIMUM ANCHOR / SPLICE LENGTHS TO REINFORCEMENT AS FOLLOWS:

15M	1100mm
20M	1400mm
25M	1700mm

Project title/Titre du projet

**WEST COAST TRAIL
LOGAN CREEK BRIDGE**
PACIFIC RIM NATIONAL PARK RESERVE
VANCOUVER ISLAND, B.C.

Drawing title/Titre du dessin

GENERAL NOTES REVISED
(REFER TO DWG. S301)

Consultant Signature Only

Scale/Echelle

N.T.S.

Designed by/Concept par

P.L. / S.Z.

Date/Date

JAN. 24, 2018

Drawn by/Dessine par

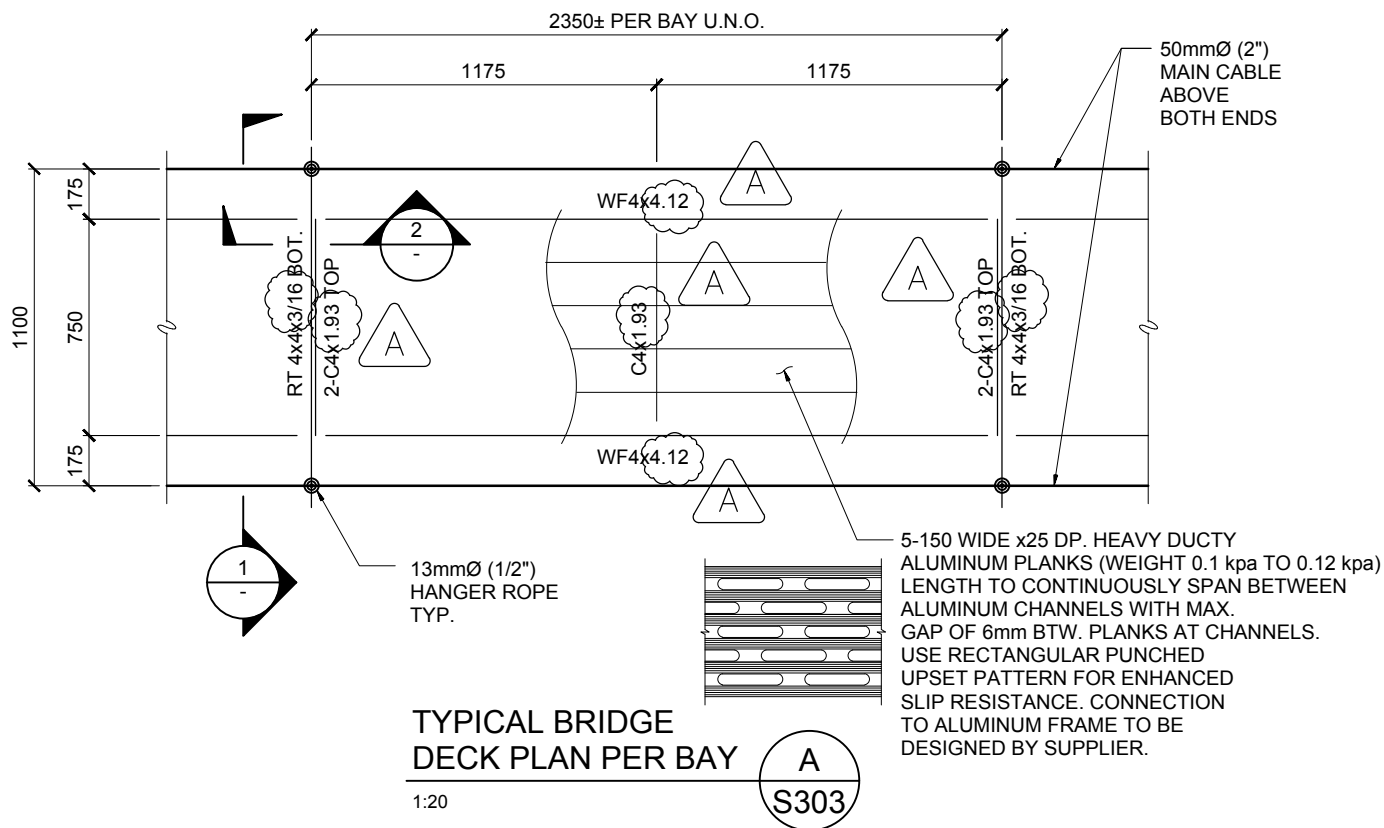
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Project No./No. du
projet

Sheet/Feuille

AD-S08

Revision/
Revision



REVISION - A 2018-01-24

Project title/Titre du projet

**WEST COAST TRAIL
LOGAN CREEK BRIDGE
PACIFIC RIM NATIONAL PARK RESERVE
VANCOUVER ISLAND, B.C.**

Drawing title/Titre du dessin

**TYP. BRIDGE DECK
PLAN PER BAY REVISED
(REFER TO DWG. S305)**

Consultant Signature Only

Scale/Echelle

N.T.S.

Designed by/Concept par

P.L. / S.Z.

Date/Date

JAN. 17, 2018

Drawn by/Dessine par

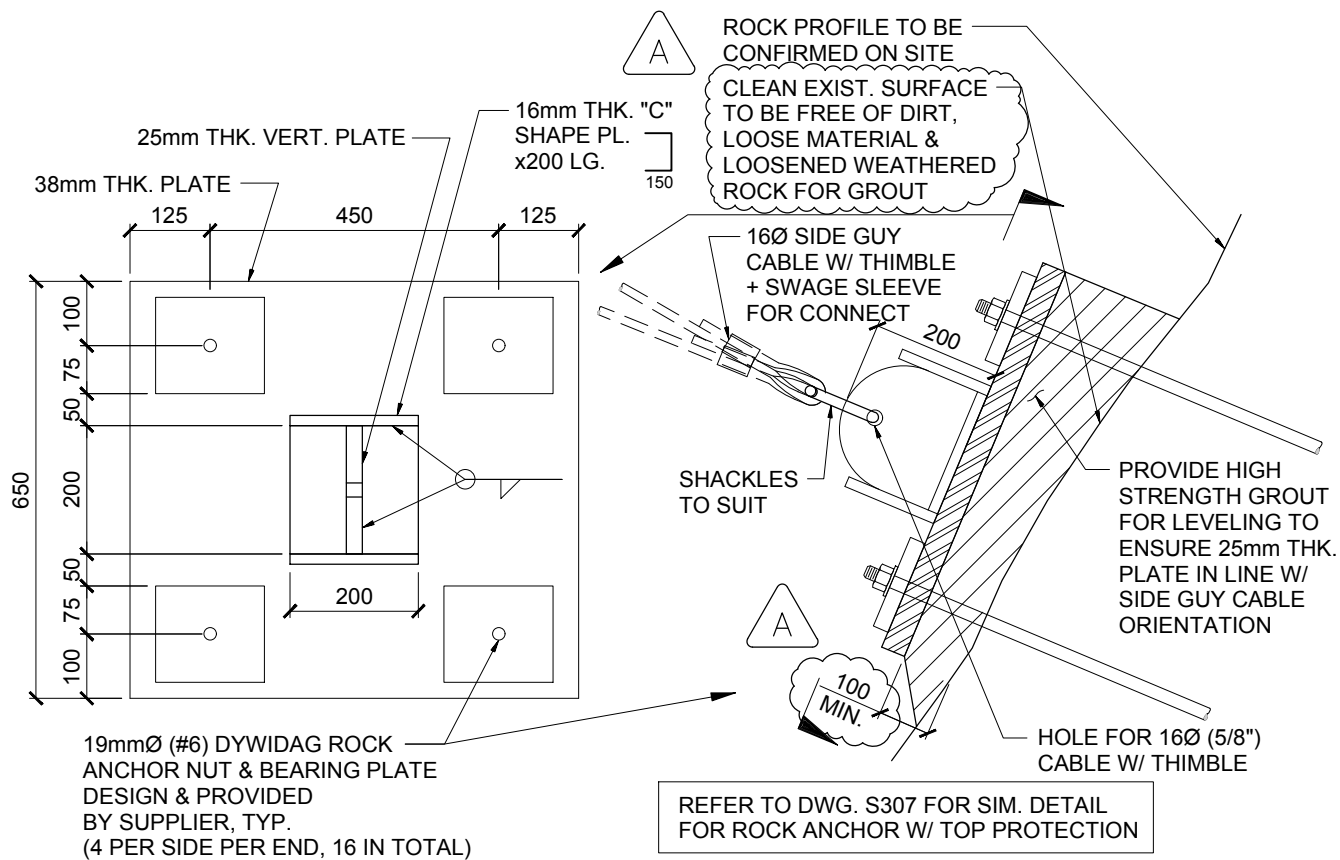
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projet

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AD-S02

Revision/
Revision
A



DETAIL

1:10

C
S303

CABLE NOT SHOWN FOR CLARITY

REVISION - A 2018-01-24

Project title/Titre du projet

**WEST COAST TRAIL
LOGAN CREEK BRIDGE
PACIFIC RIM NATIONAL PARK RESERVE
VANCOUVER ISLAND, B.C.**

Drawing title/Titre du dessin

**DETAIL C
REVISED
(REFER TO DWG. S305)**

Consultant Signature Only

Scale/Echelle

N.T.S.

Designed by/Concept par

P.L. / S.Z.

Date/Date

JAN. 17, 2018

Drawn by/Dessine par

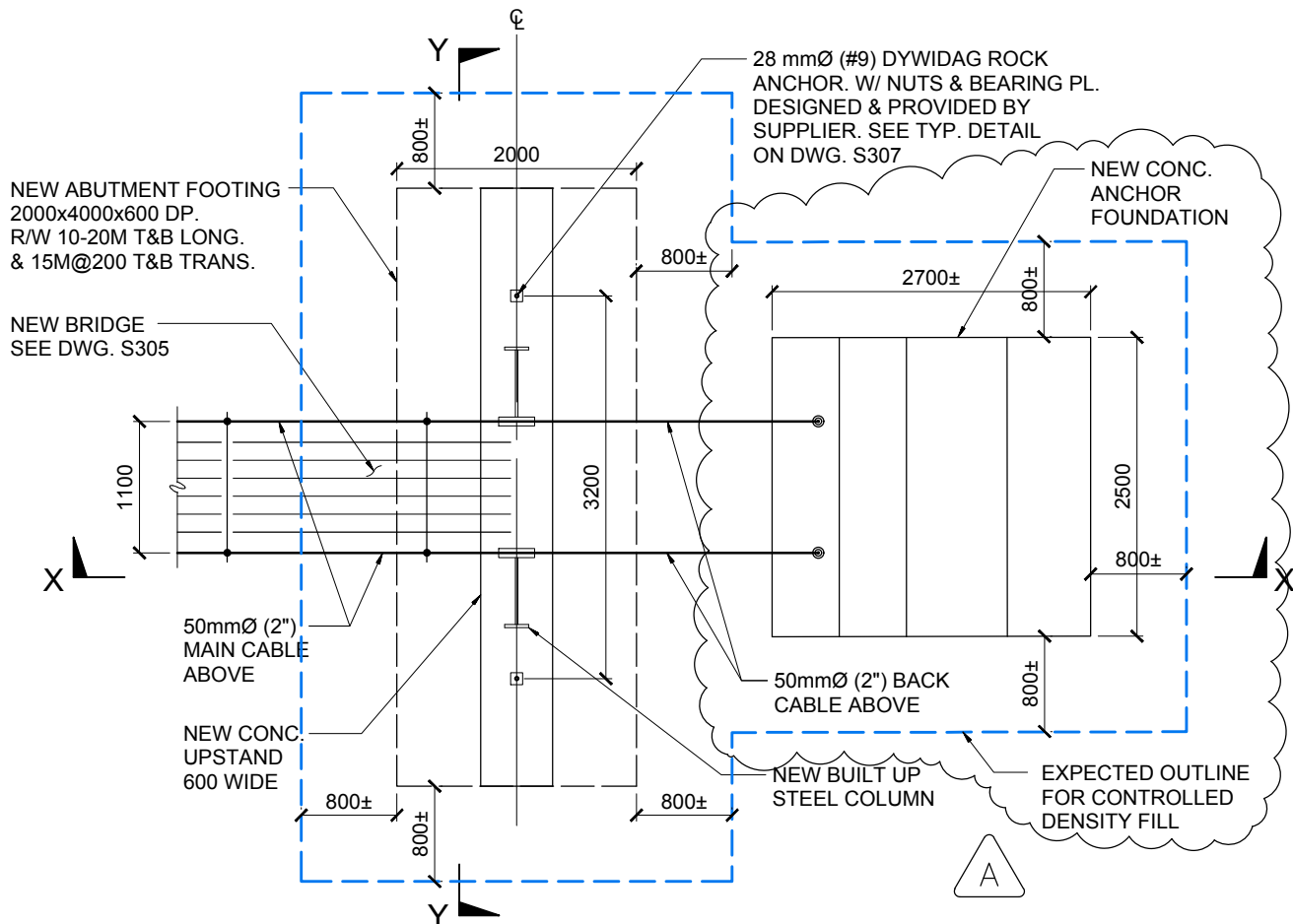
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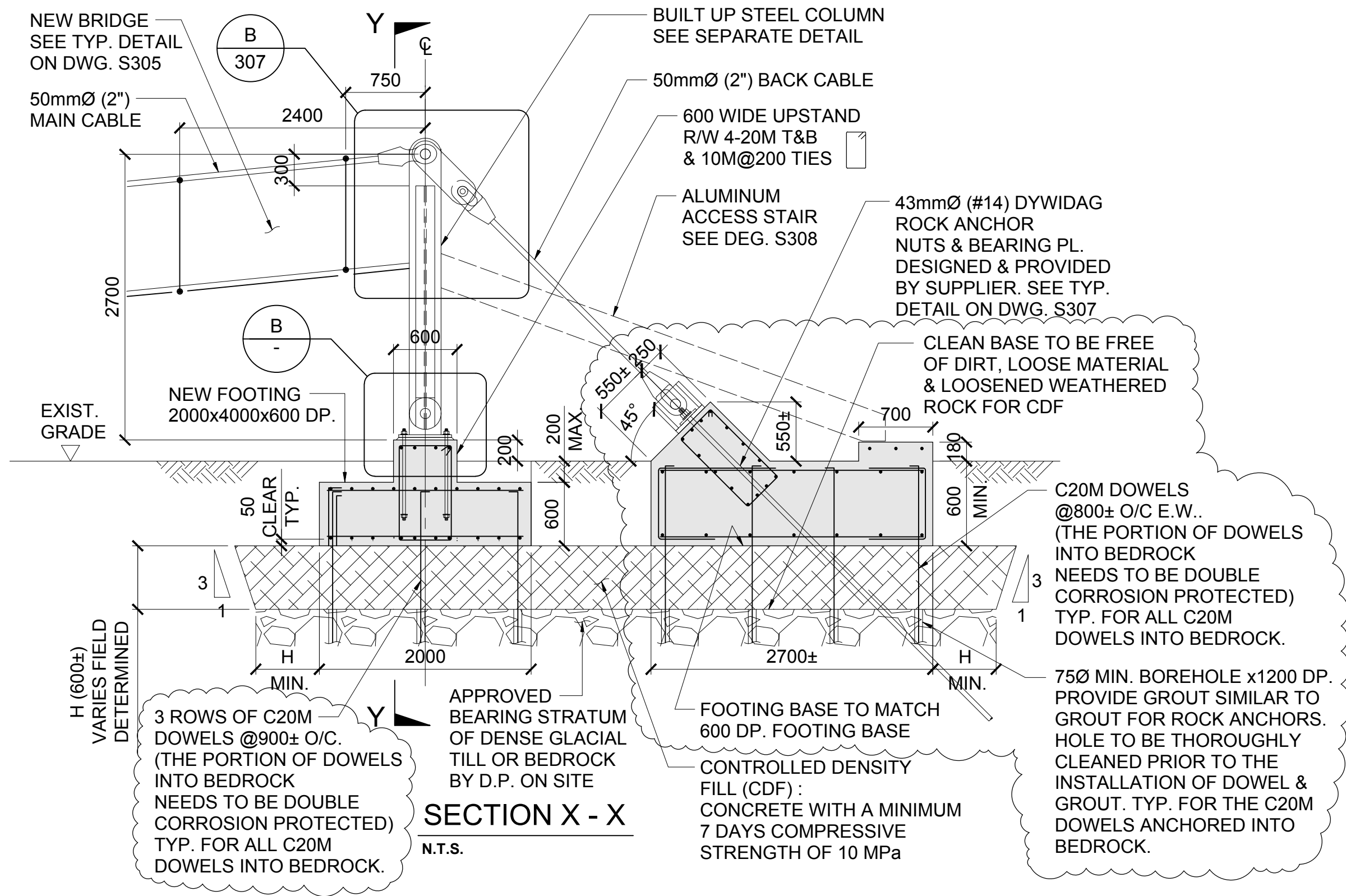
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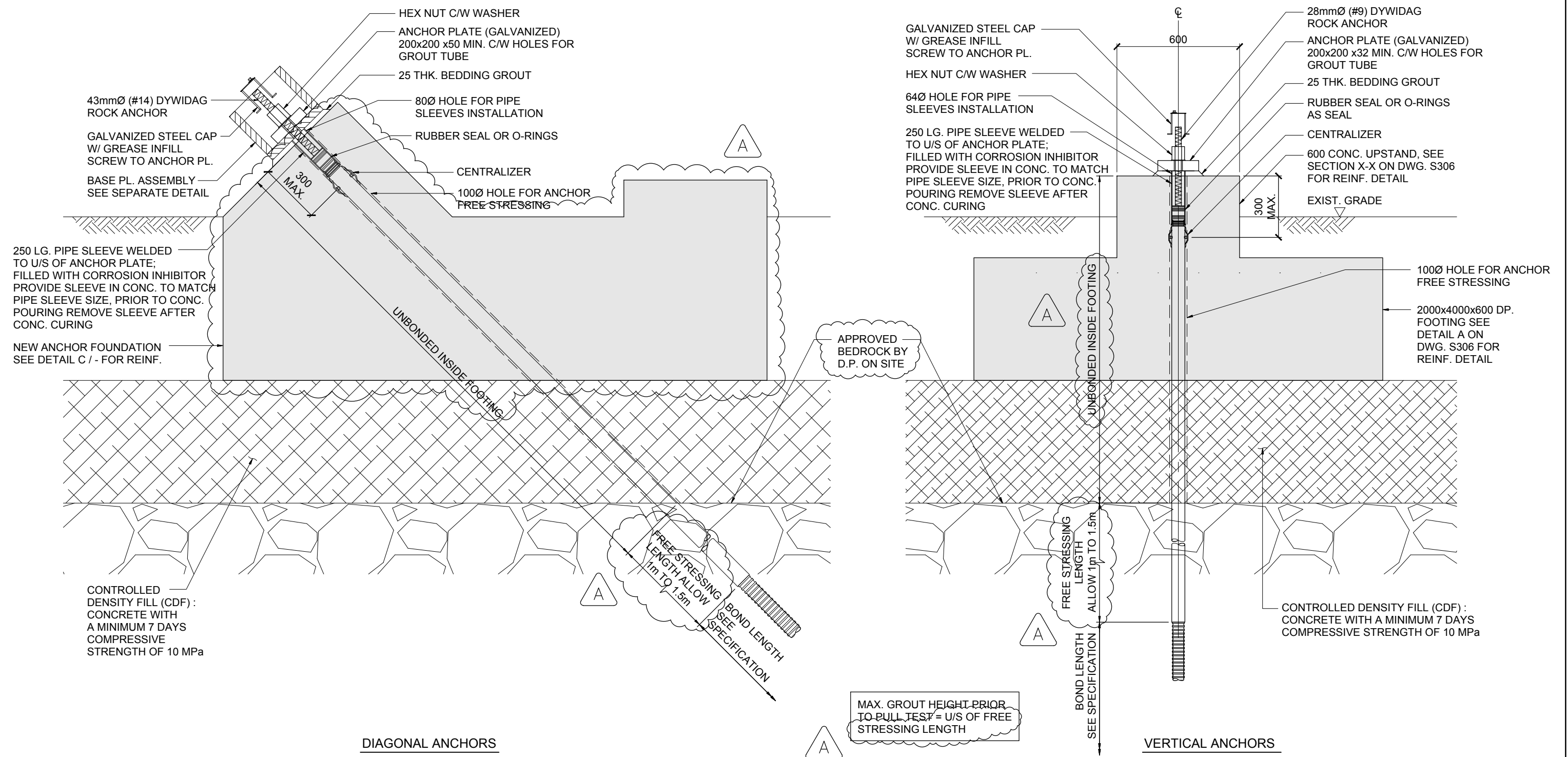


REVISION - A 2018-01-24

Project title/Titre du projet		Drawing title/Titre du dessin	
WEST COAST TRAIL LOGAN CREEK BRIDGE PACIFIC RIM NATIONAL PARK RESERVE VANCOUVER ISLAND, B.C.		TYP. FOUNDATION DETAIL AT EACH END REVISED (REFER TO DWG. S306)	
Consultant Signature Only		Scale/Echelle	N.T.S.
Designed by/Concept par P.L. / S.Z.		Date/Date	JAN. 17, 2018
Drawn by/Dessine par BM	Project No./No. du projet	Sheet/Feuille	AD-S06
		Revision/ Revision	A



Client/client PARKS CANADA WESTERN AND NORTHERN REGION	Project title/Titre du projet WEST COAST TRAIL LOGAN CREEK BRIDGE PACIFIC RIM NATIONAL PARK RESERVE VANCOUVER ISLAND, B.C.	Drawing title/Titre du dessin SECTION X-X REVISED (REFER TO DWG. S306)	Consultant Signature & Date Only		Project No./No. du projet	
			Designed by/Concept par P.L. / S.Z.		Sheet/Feuille	Revision/Revision
			Drawn by/Dessine par BM		Date/Date JAN. 24, 2018	AD-S09

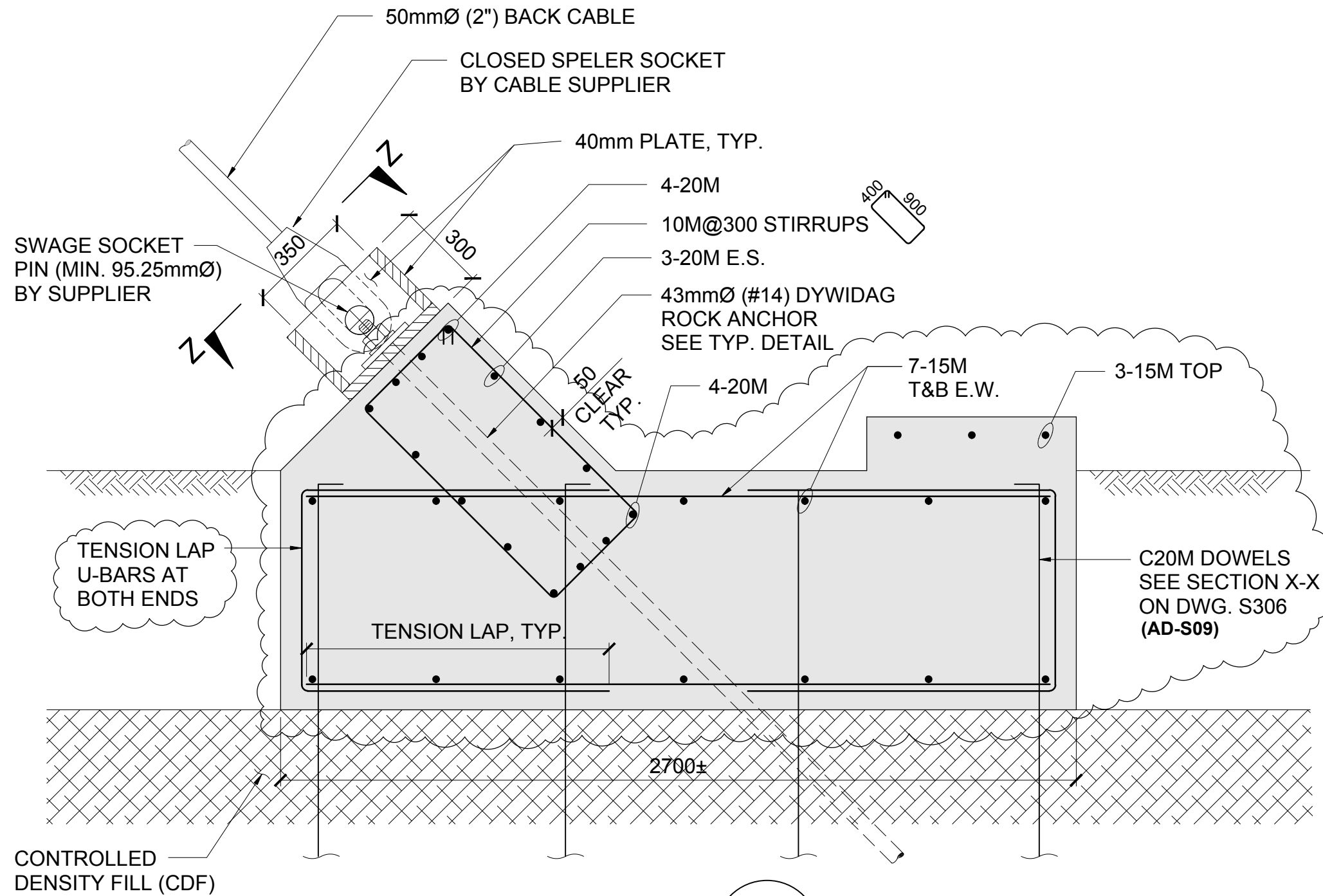


TYPICAL DETAIL FOR ROCK ANCHORS WITH TOP PROTECTION

1:15

REVISION - A 2018-01-24

Client/client PARKS CANADA WESTERN AND NORTHERN REGION	Project title/Titre du projet WEST COAST TRAIL LOGAN CREEK BRIDGE PACIFIC RIM NATIONAL PARK RESERVE VANCOUVER ISLAND, B.C.	Drawing title/Titre du dessin TYP. DETAIL FOR ROCK ANCHORS WITH TOP PROTECTION REVISED (REFER TO DWG. S307)	Consultant Signature & Date Only		Project No./No. du projet		
			Designed by/Concept par P.L. / S.Z.		Sheet/Feuille		Revision/Revision A
			Drawn by/Dessine par BM		Date/Date JAN. 17, 2018		



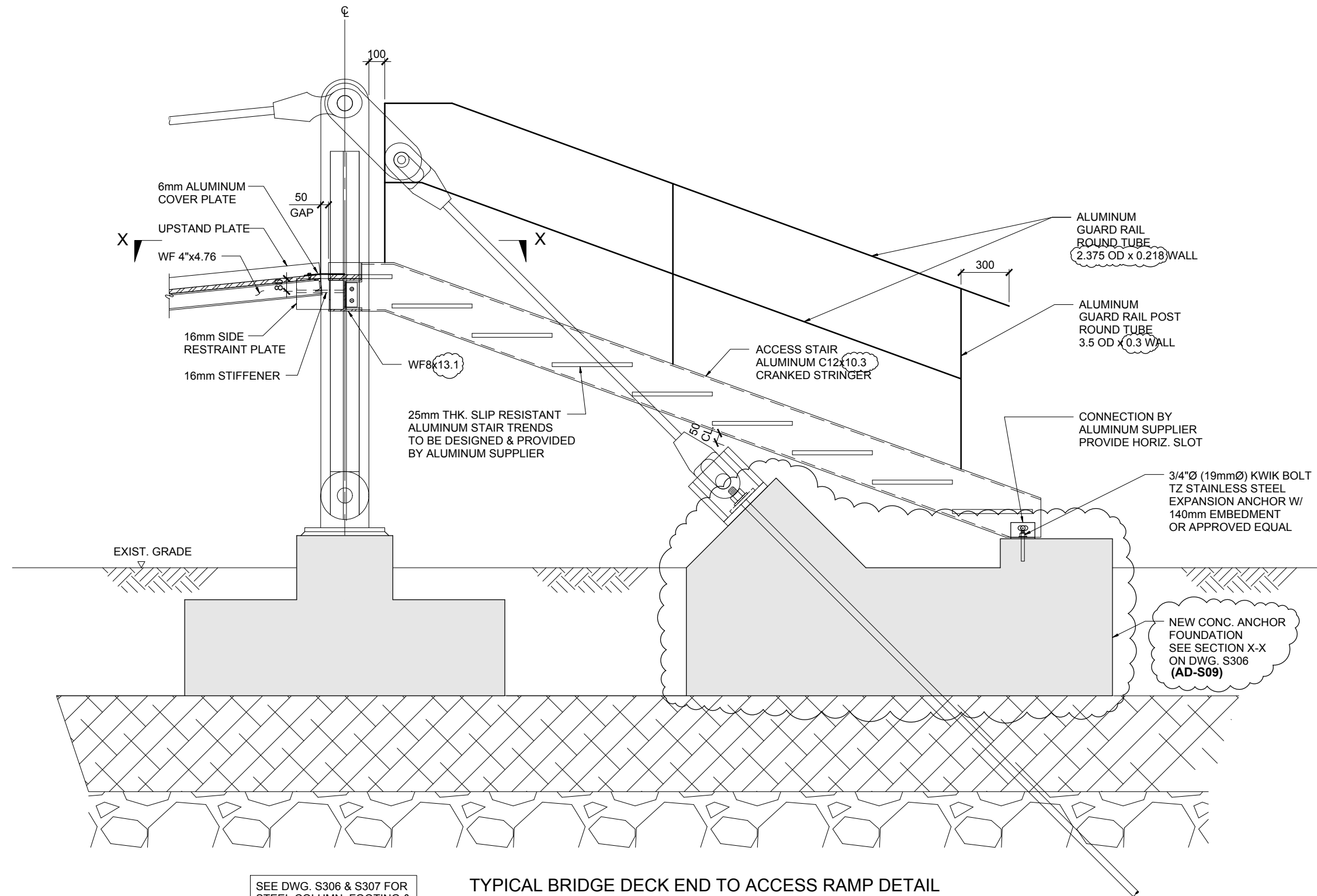
DETAIL

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306

Client/client PARKS CANADA WESTERN AND NORTHERN REGION	Project title/Titre du projet WEST COAST TRAIL LOGAN CREEK BRIDGE PACIFIC RIM NATIONAL PARK RESERVE VANCOUVER ISLAND, B.C.	Drawing title/Titre du dessin DETAIL C REVISED (REFER TO DWG. S307)	Consultant Signature & Date Only		Project No./No. du projet	
			Designed by/Concept par P.L. / S.Z.		Sheet/Feuille AD-S10	Revision/ Revision
			Drawn by/Dessine par BM		Date/Date JAN. 24, 2018	



Client/client PARKS CANADA WESTERN AND NORTHERN REGION	Project title/Titre du projet WEST COAST TRAIL LOGAN CREEK BRIDGE PACIFIC RIM NATIONAL PARK RESERVE VANCOUVER ISLAND, B.C.	Drawing title/Titre du dessin TYP. BRIDGE DECK END TO ACCESS RAMP DETAIL REVISED (REFER TO DWG. S308)	Consultant Signature & Date Only		Project No./No. du projet	
			Designed by/Concept par P.L. / S.Z.		Sheet/Feuille AD-S11	Revision/ Revision
			Drawn by/Dessine par BM		Date/Date JAN. 24, 2018	