

## DECONSTRUCTION NOTES FOR REMOVAL OF EXIST. BRIDGE:

1. PRIOR TO REMOVAL OF MAIN CABLES, REMOVE THE BRIDGE DECK, SUPPORT BEAMS, HANGER RODS, ETC. TO RELEASE IMPOSED LOADING ON THE MAIN CABLES.
2. DISCONNECT THE MAIN CABLES FROM THE END SUPPORT BY LOWERING THE MAIN CABLES GRADUALLY TO THE GROUND & CUT IT AFTER. PROVIDE TEMPORARY SUPPORT AND SPOOLING EQUIPMENT TO ALLOW LOWERING OF THE CABLES. THE MAIN CABLES ARE PERMITTED TO SINK INTO THE CREEK TEMPORARILY AND MUST BE REMOVED FROM THE CREEK AS SOON AS POSSIBLE TO MINIMIZE IMPACTS/DISTURBANCE TO THE CREEK FROM DRAGGING OF THE CABLES FROM THE CREEK.
3. CONTRACTOR TO PROVIDE DETAILED DECONSTRUCTION METHODOLOGY / PROCEDURES SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN BRITISH COLUMBIA AND HAVE HIS ENGINEER ON SITE TO SUPERVISE AND MONITOR THE DROPPING OF THE CABLES.



**EXIST. BRIDGE (75m± SPAN)**



EXIST. ANCHOR &  
STEEL BRACKET  
TO REMAIN

**EXIST. BRIDGE MAIN CABLE  
END CONNECTION**

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

**DECONSTRUCTION NOTES  
FOR REMOVAL OF EXIST. BRIDGE  
& PHOTOS  
(REFER TO DWG. S302)**

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

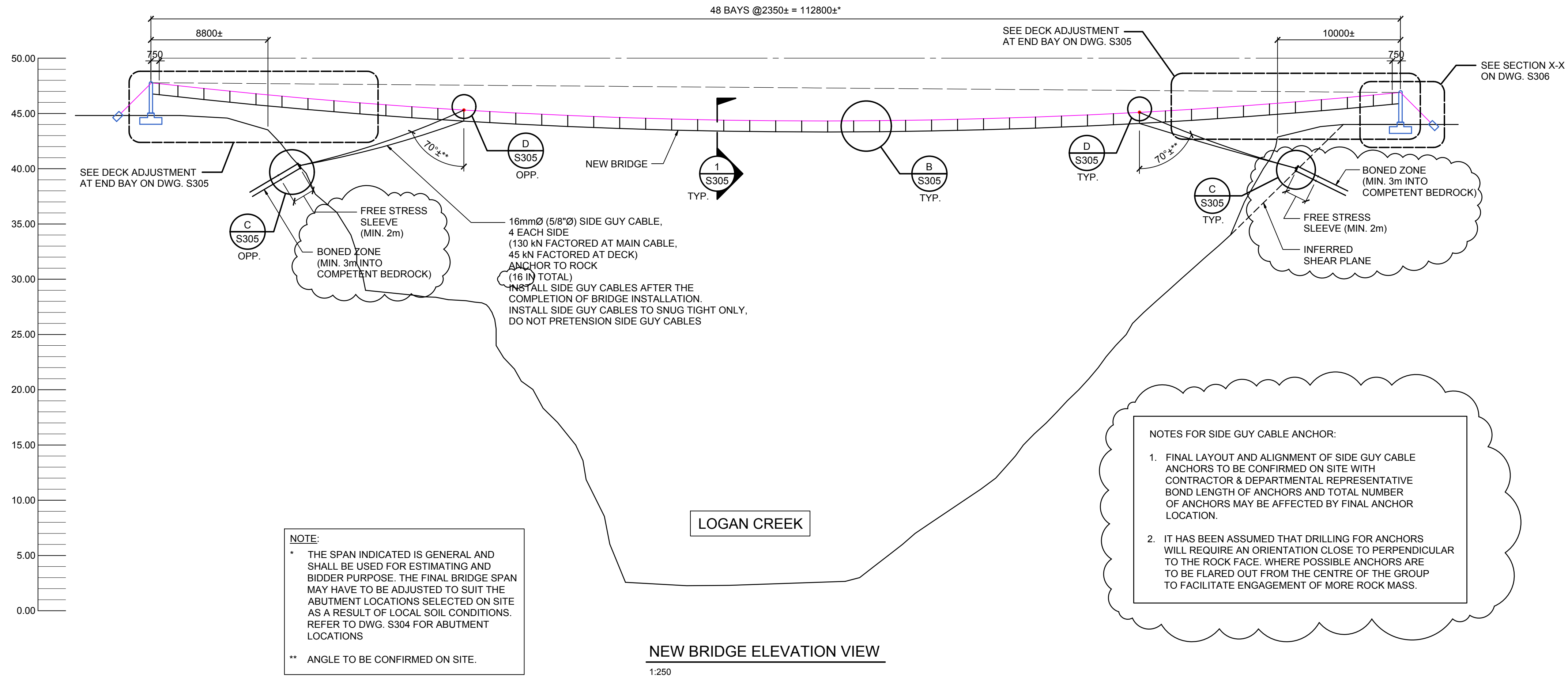
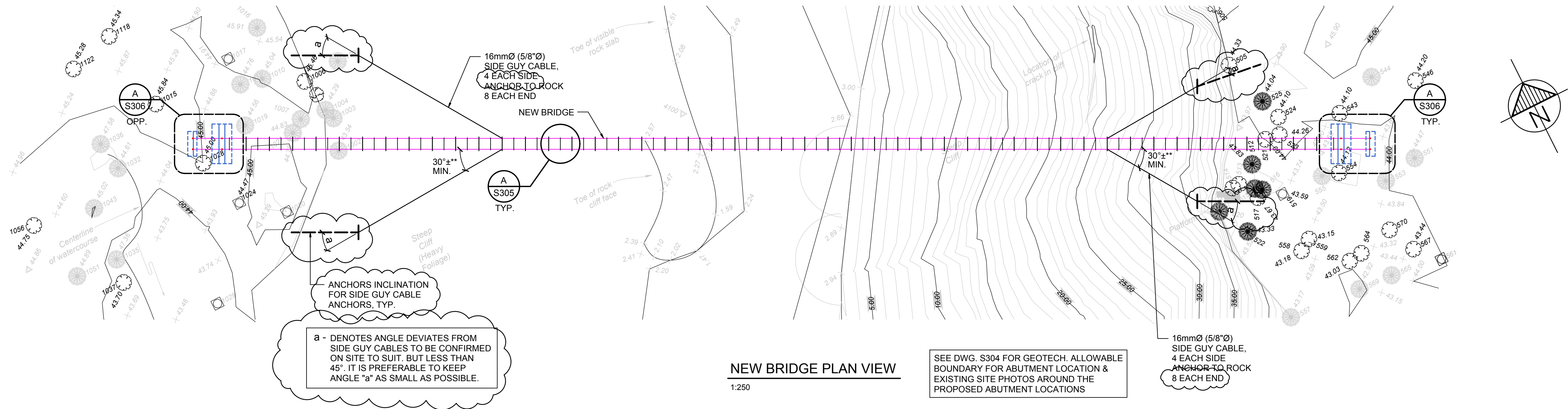
Project No./No. du  
projet

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**AD-S01**

Revision/  
Revision





5		
4		
3		
2		
1	ISSUED FOR ADDENDUM NO. 1	2019-01-17
0	ISSUED FOR TENDER	2017-11-28
Revision/Revision	Description/Description	Date/Date

Client/client

**PARKS CANADA**

**WESTERN AND NORTHERN REGION**

Project title/Titre du projet

**PACIFIC RIM NATIONAL PARK RESERVE  
VANCOUVER ISLAND, B.C.**

**WEST COAST TRAIL  
LOGAN CREEK BRIDGE**

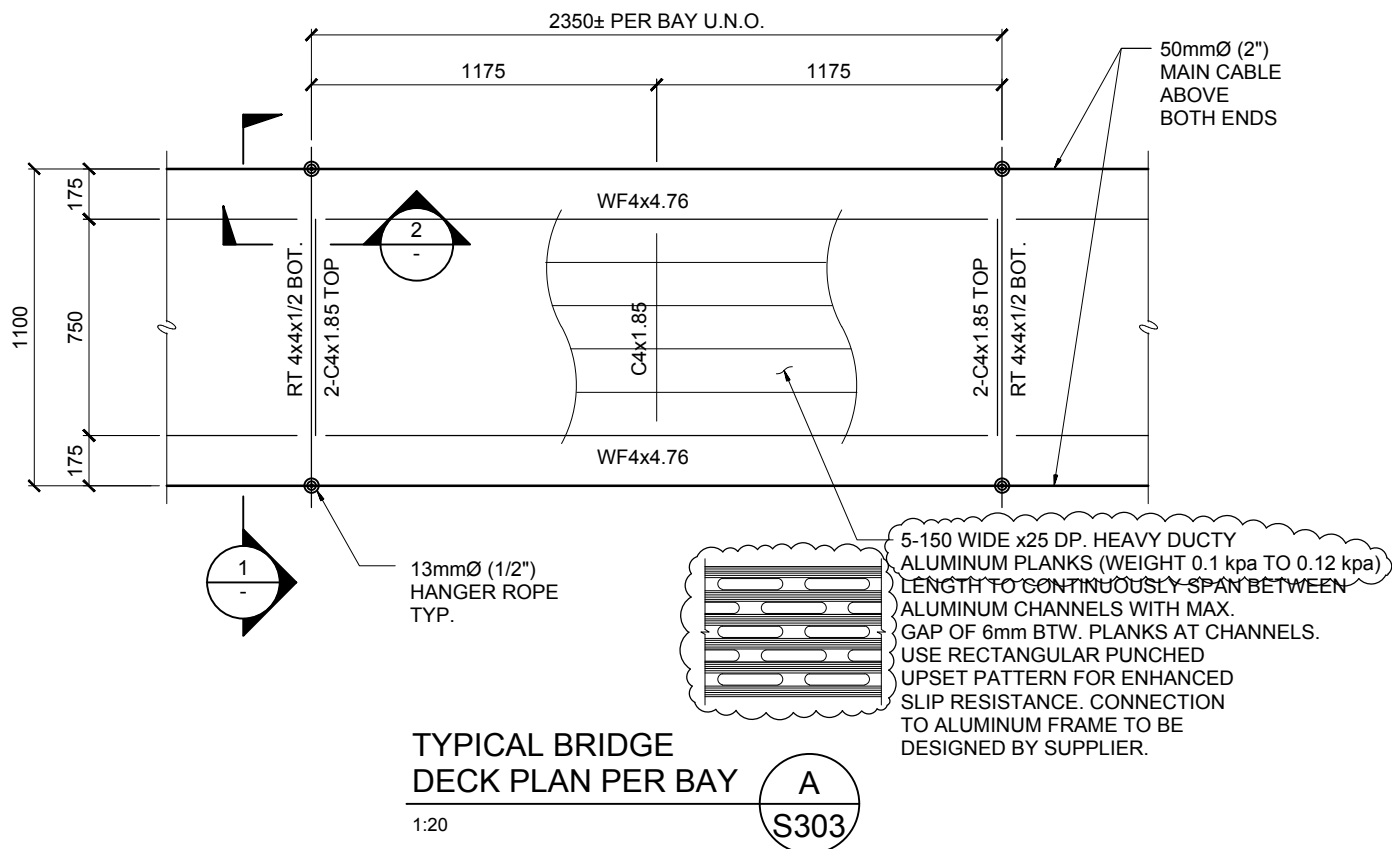
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PL / SZ

Drawn by/Dessiné par  
CAD

Drawing title/Titre du dessin

**NEW BRIDGE PLAN VIEW &  
ELEVATION VIEW**



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.

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Date/Date

JAN. 17, 2018

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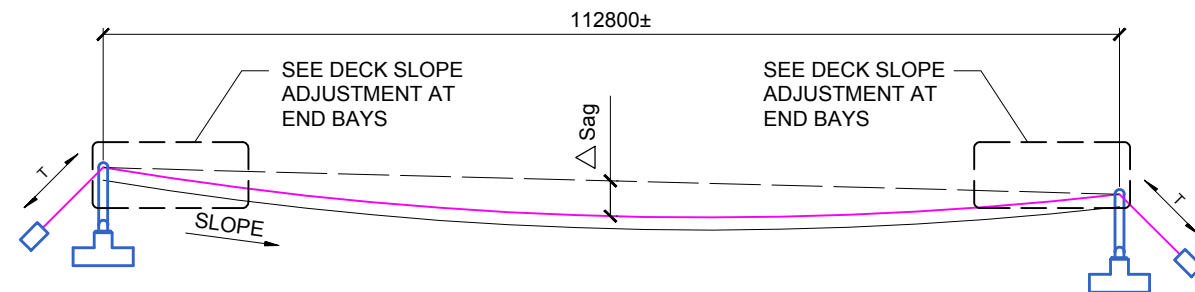
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**AD-S02**

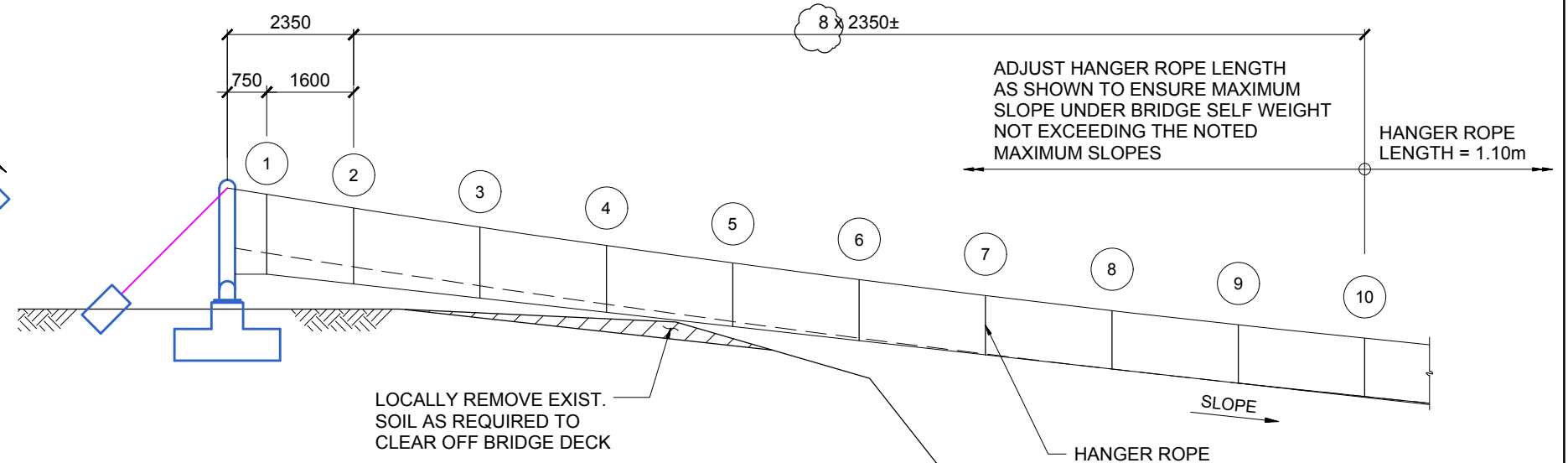
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Revision



LOAD CASES	MAX. SLOPE ( % ) AFTER DECK ADJUSTMENT	MAX. Sag ( m )
SELFWEIGHT	10.3	4.76
SELFWEIGHT + 50 PERSONS	10.7	4.97

NOTES:

1. ANTICIPATED SAG UNDER BRIDGE SELF WEIGHT AT MID SPAN WITH SUPPORT COLUMN SET PLUMB:  $\Delta_{\text{Sag}} = 4760\text{mm}$
2. CABLE INSTALLATION PULLING FORCE AT BACK CABLE UNDER BRIDGE SELF WEIGHT:  $T = 150 \text{ kN}$
3. THE BRIDGE INSTALLATION SHALL BE BASED ON THE PULLING FORCE AT BACK CABLE UNDER BRIDGE SELF-WEIGHT AS PER NOTE 2. THE ANTICIPATED SAG AT MID SPAN & MAX. SAGS INDICATED ABOVE ARE FOR REFERENCE ONLY. THE FINAL SAGS UNDER SELF-WEIGHT WILL BE CONFIRMED ON SITE AFTER THE COMPLETION OF BRIDGE INSTALLATION.

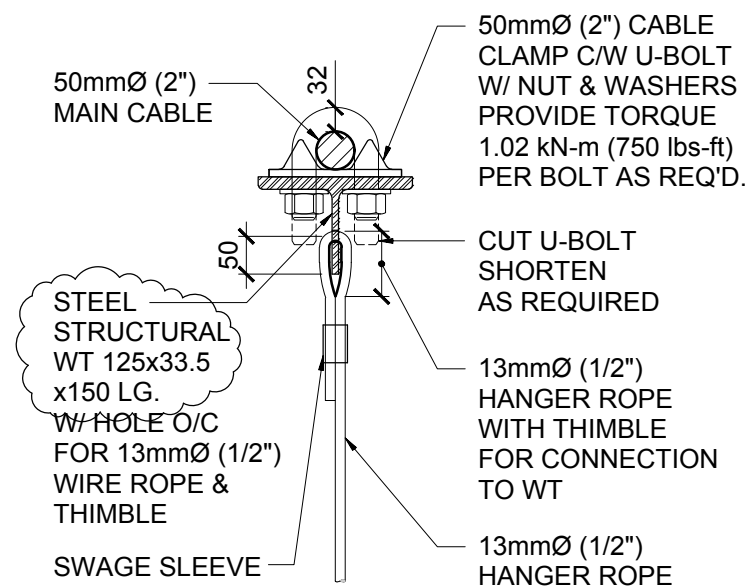


HANG ROPE NO.	1	2	3	4	5	6	7	8	9	10
HANGER ROPE LENGTH ABOVE DECK (m)	1.774	1.702	1.567	1.449	1.349	1.265	1.199	1.149	1.116	1.100

DECK SLOPE ADJUSTMENT AT END BAYS

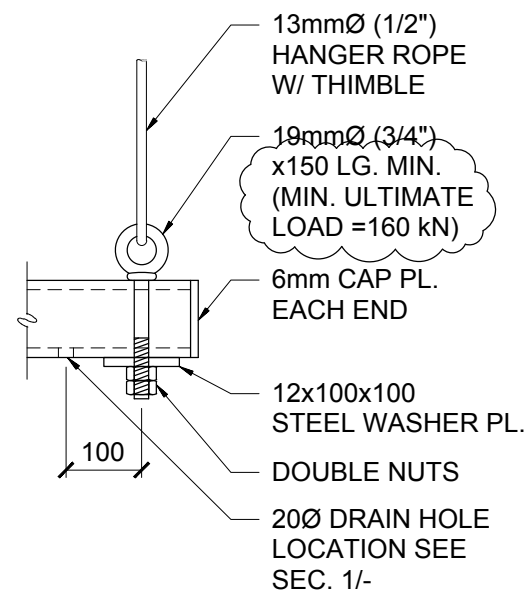
## NEW BRIDGE INSTALLATION REQUIREMENT

Client/client  <b>PARKS CANADA WESTERN AND NORTHERN REGION</b>	Project title/Titre du projet  <b>WEST COAST TRAIL LOGAN CREEK BRIDGE  PACIFIC RIM NATIONAL PARK RESERVE VANCOUVER ISLAND, B.C.</b>	Drawing title/Titre du dessin  <b>NEW BRIDGE INSTALLATION REQUIREMENT REVISED (REFER TO DWG. S305)</b>	Consultant Signature & Date Only		Project No./No. du projet		
			Designed by/Concept par P.L. / S.Z.		Sheet/Feuille  <b>AD-S03</b>		Revision/ Revision
			Drawn by/Dessine par BM		Date/Date JAN. 17, 2018		



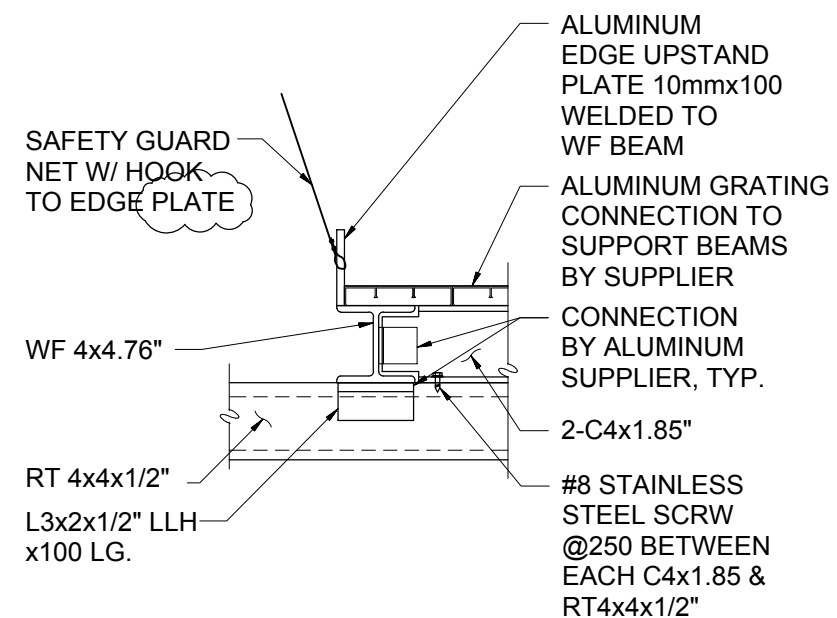
TYPICAL FOR HANGER ROPE CONNECTION TO MAIN CABLE

DETAIL X  
1:10



TYPICAL FOR HANGER ROPE BOTTOM CONNECTION

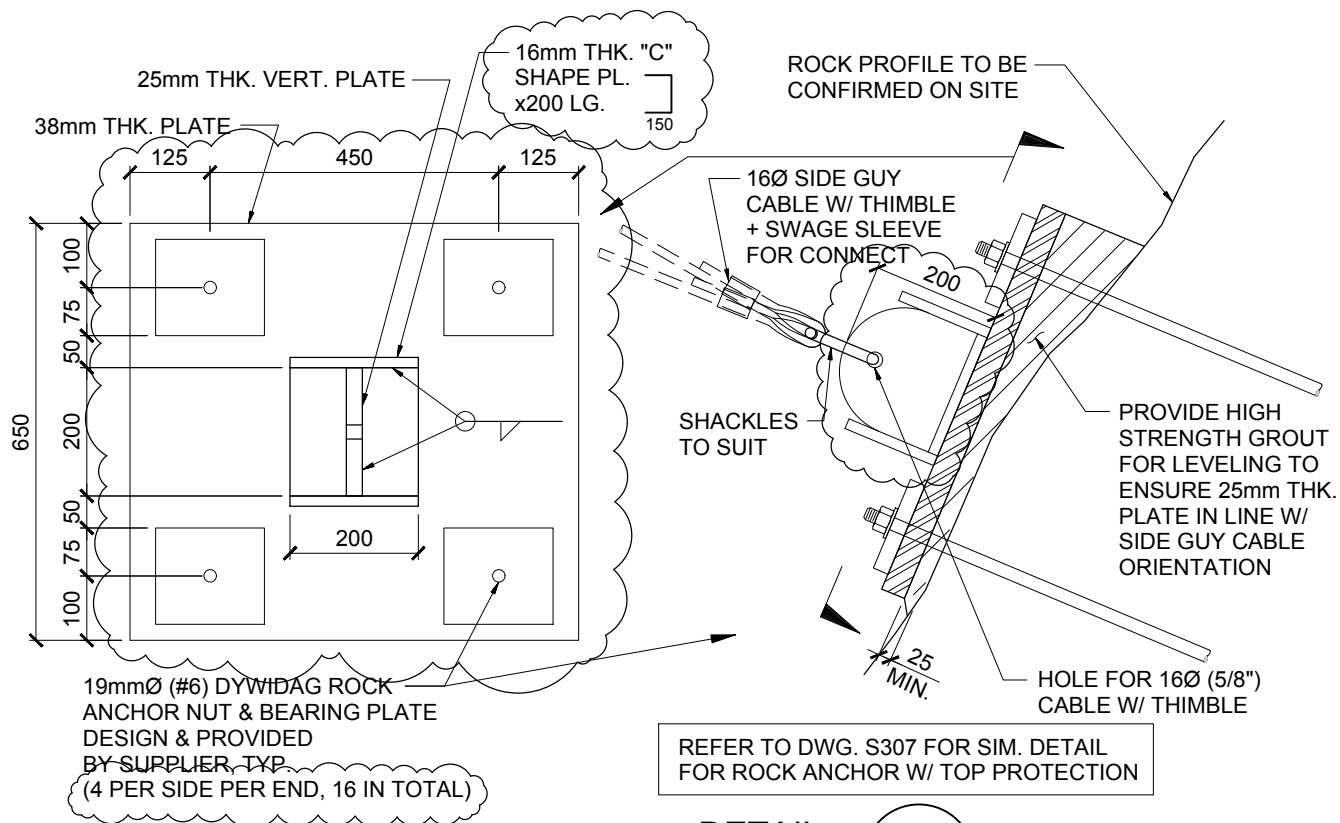
DETAIL Y  
1:10



TYPICAL AT PLANK EDGE

DETAIL Z  
1:10  
S303

Client/client <b>PARKS CANADA WESTERN AND NORTHERN REGION</b>	Project title/Titre du projet <b>WEST COAST TRAIL LOGAN CREEK BRIDGE PACIFIC RIM NATIONAL PARK RESERVE VANCOUVER ISLAND, B.C.</b>	Drawing title/Titre du dessin <b>DETAIL X, Y &amp; Z REVISED (REFER TO DWG. S305)</b>	Consultant Signature & Date Only		Project No./No. du projet	
			Designed by/Concept par P.L. / S.Z.		Sheet/Feuille <b>AD-S04</b>	Revision/ Revision
			Drawn by/Dessine par BM		Date/Date JAN. 17, 2018	



DETAIL

1:10

C

S303

CABLE NOT SHOWN FOR CLARITY

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

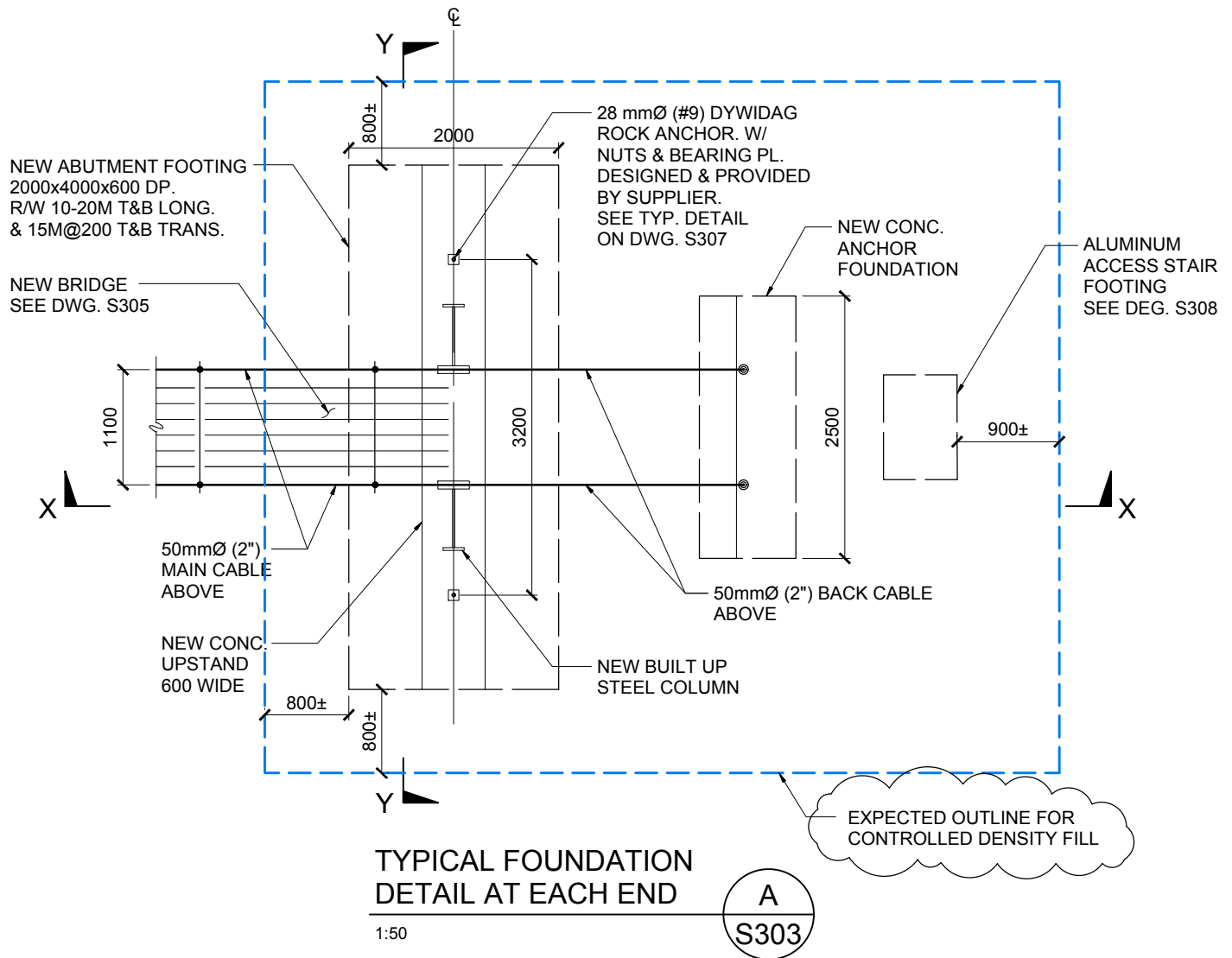
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**AD-S05**

Revision/  
Revision



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. FOUNDATION DETAIL  
AT EACH END REVISED  
(REFER TO DWG. S306)**

Consultant Signature Only

Scale/Echelle

N.T.S.

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Date/Date

JAN. 17, 2018

Drawn by/Dessine par

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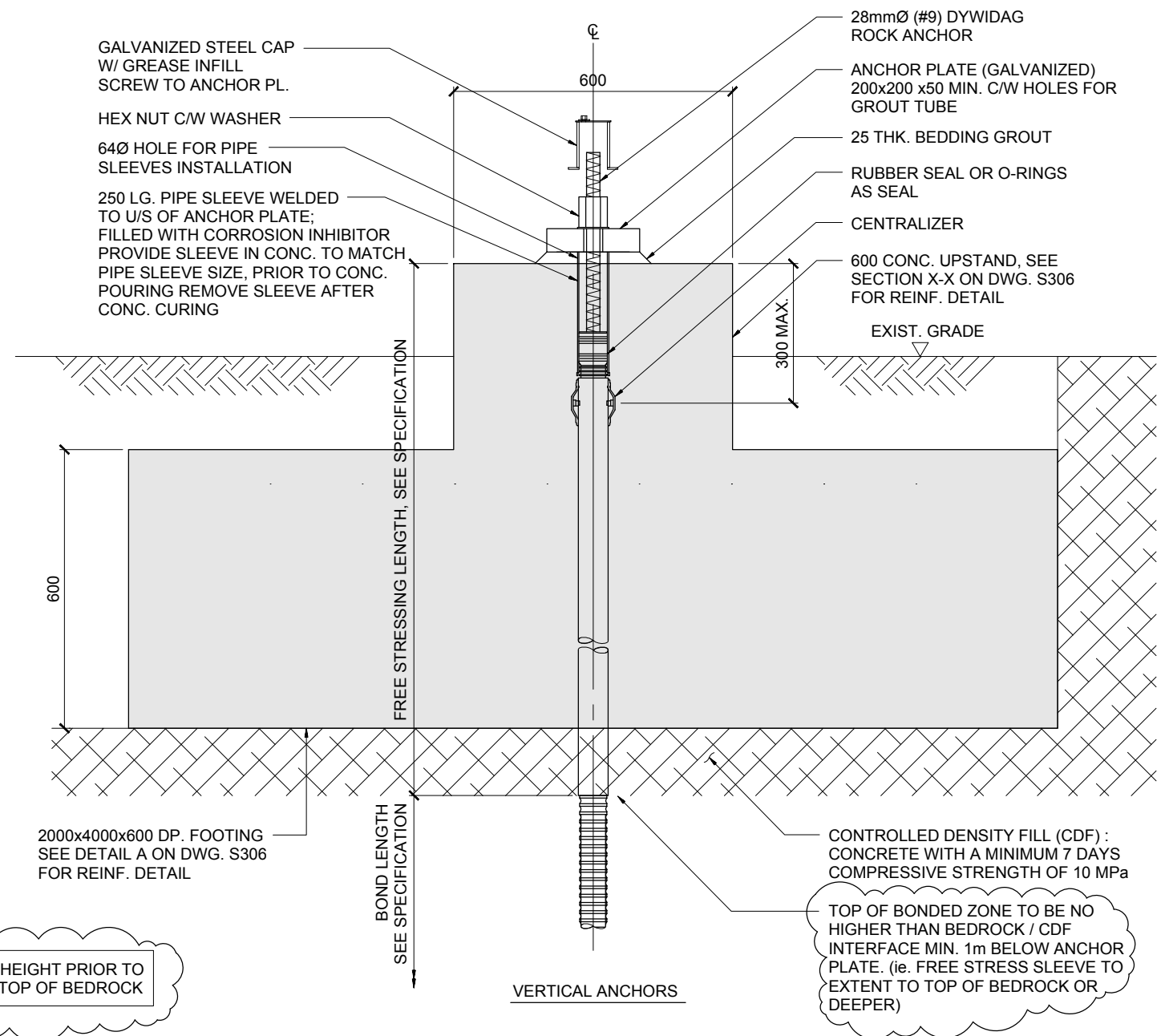
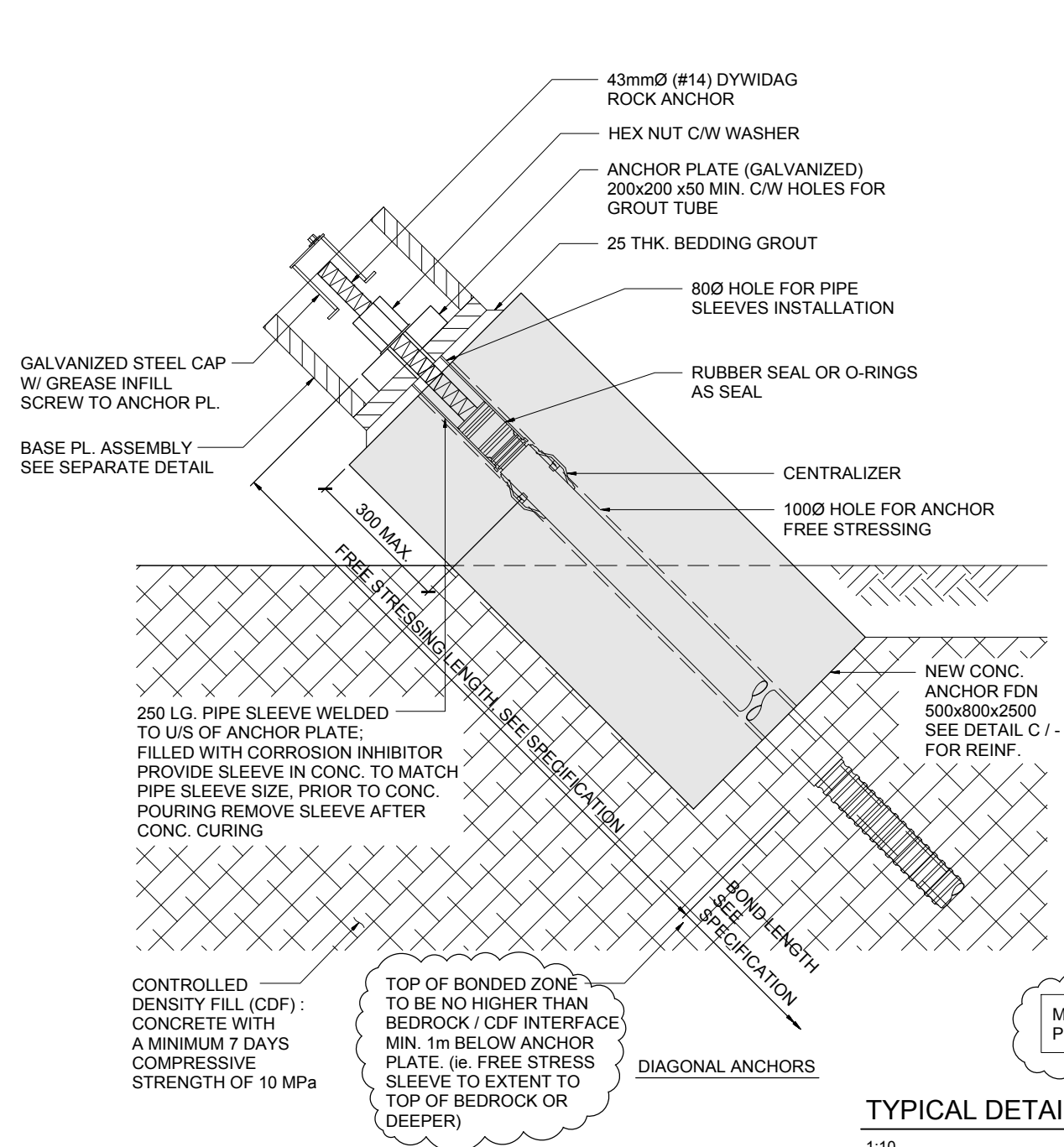
Project No./No. du  
projet

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**AD-S06**

Revision/  
Revision





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
			Drawn by/Dessine par BM		Date/Date JAN. 17, 2018		
				AD-S07			