

**Proposed Routing-Section 7**

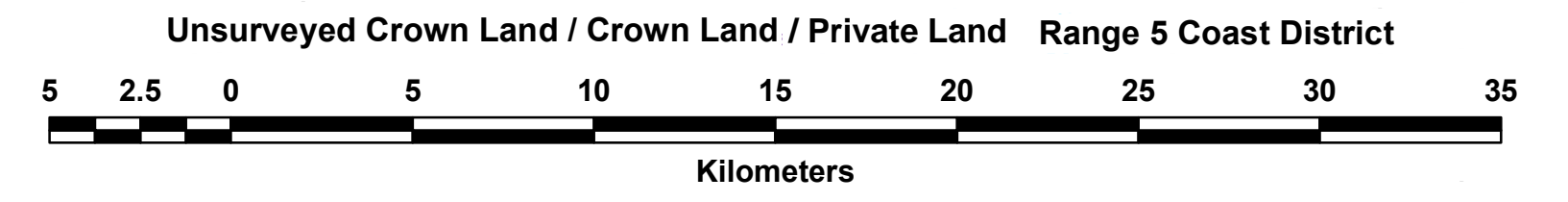
- OGC Application Plan Viewports
- KP Marker
- Proposed Routing
- Highway
- Paved Road
- Highgrade Gravel Road
- Lake / River
- First Nations Reserve
- Municipality
- Nisga'a Lands

**Prince Rupert Gas Transmission Project**



**PRINCE RUPERT GAS TRANSMISSION LTD.**

**PROPOSED VARIABLE WIDTH (32 and 200m) PIPELINE R/W FROM b-64-H, 103-J-16 TO d-33-K, 103-J-01**

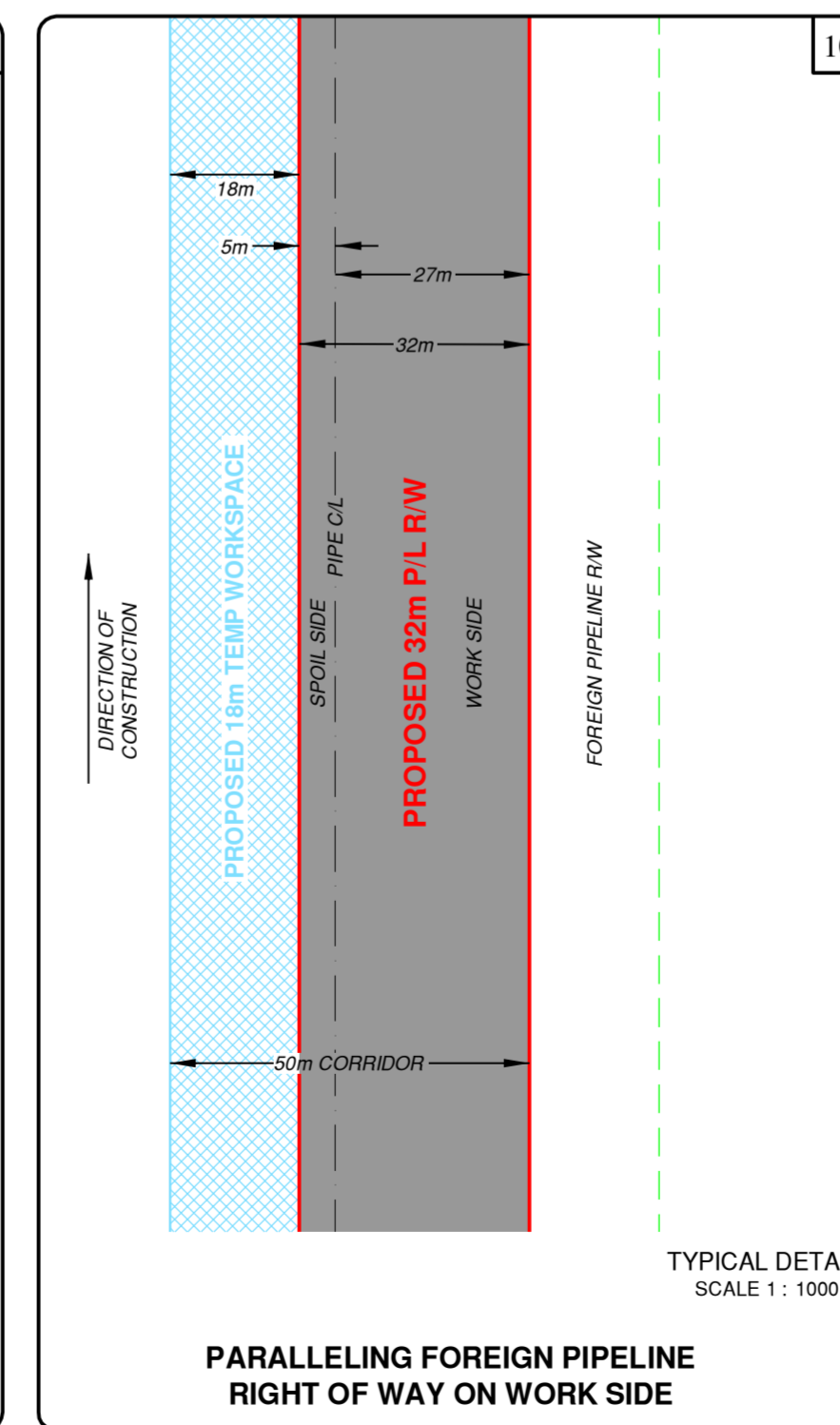
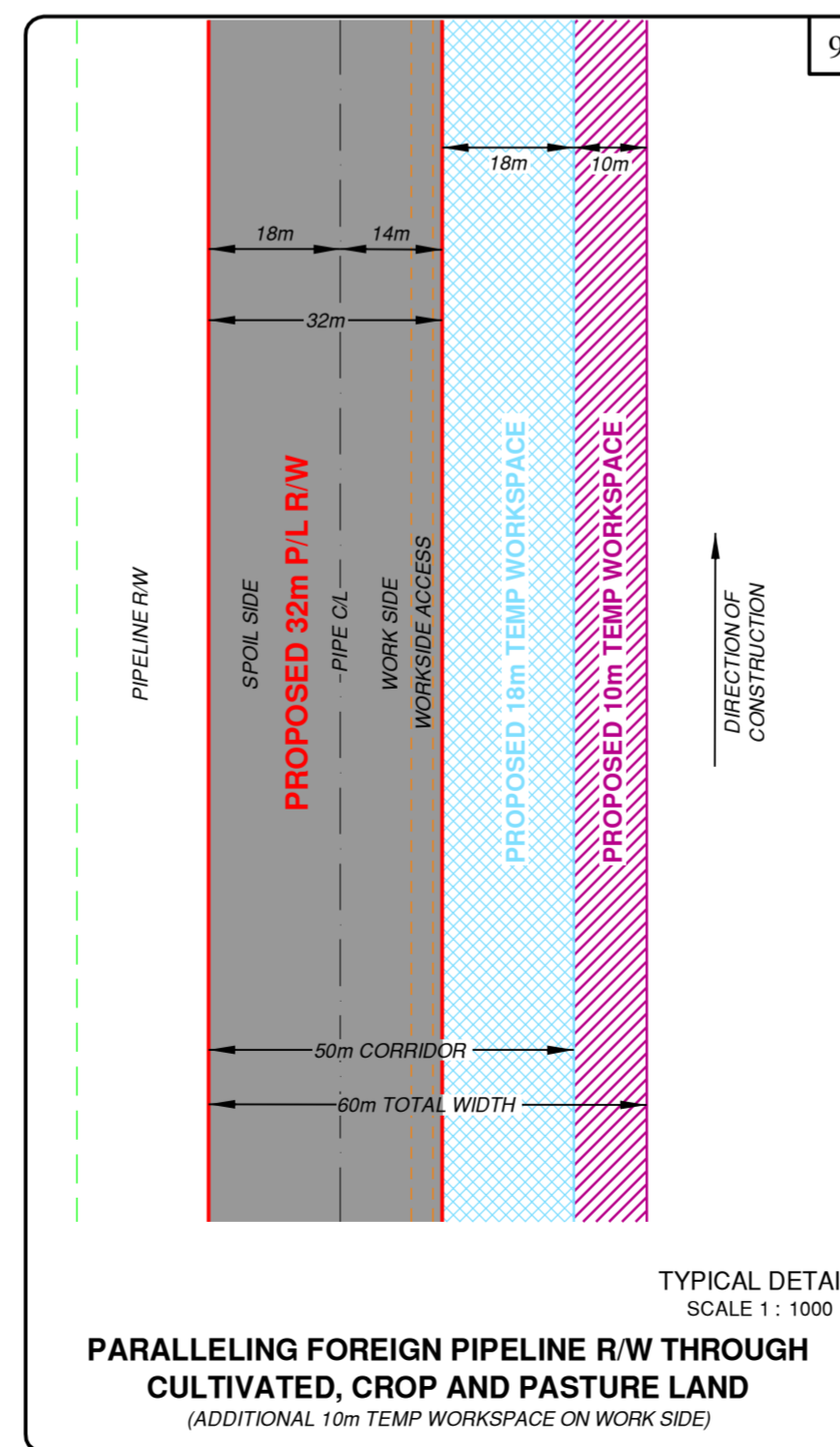
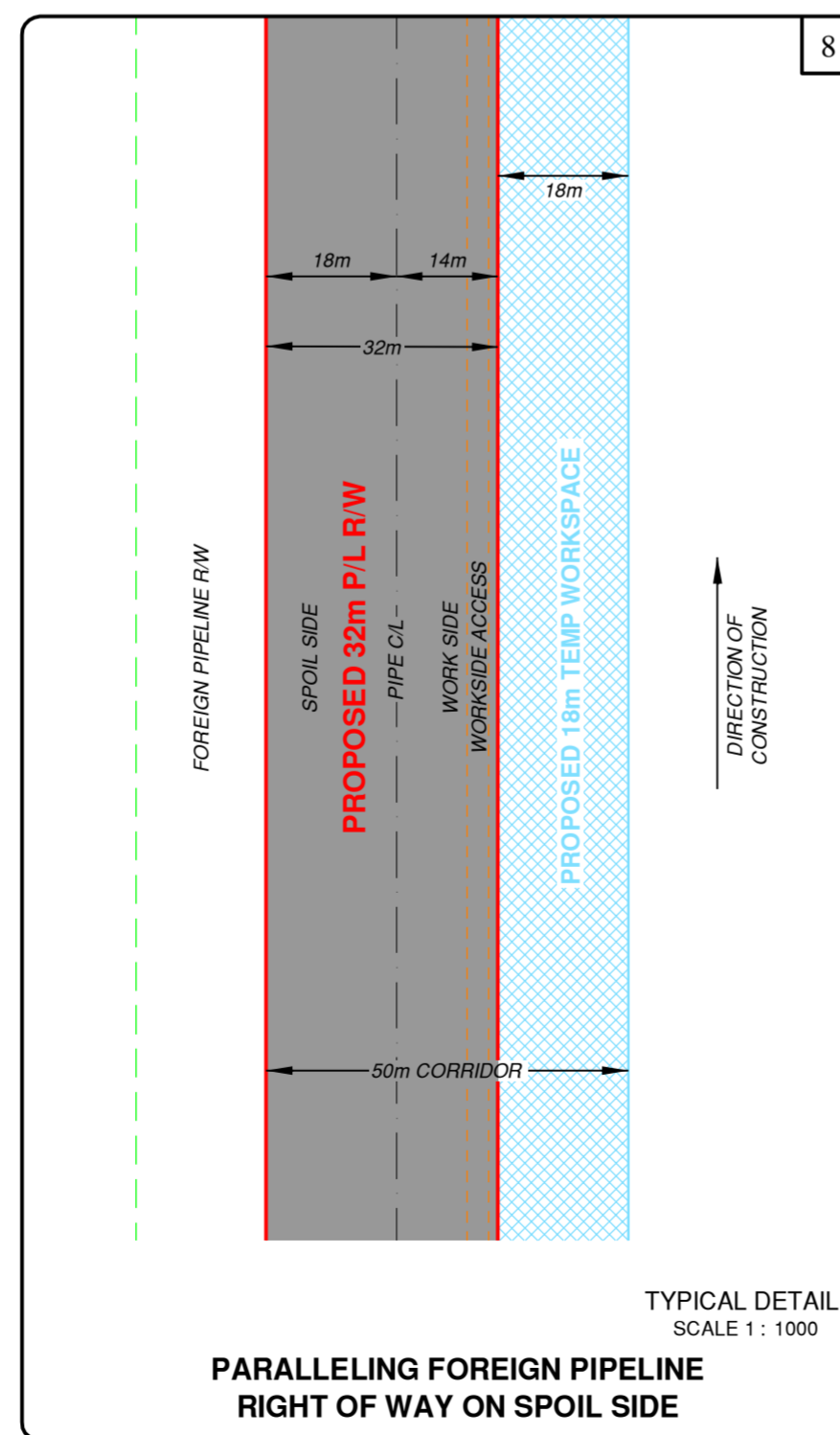
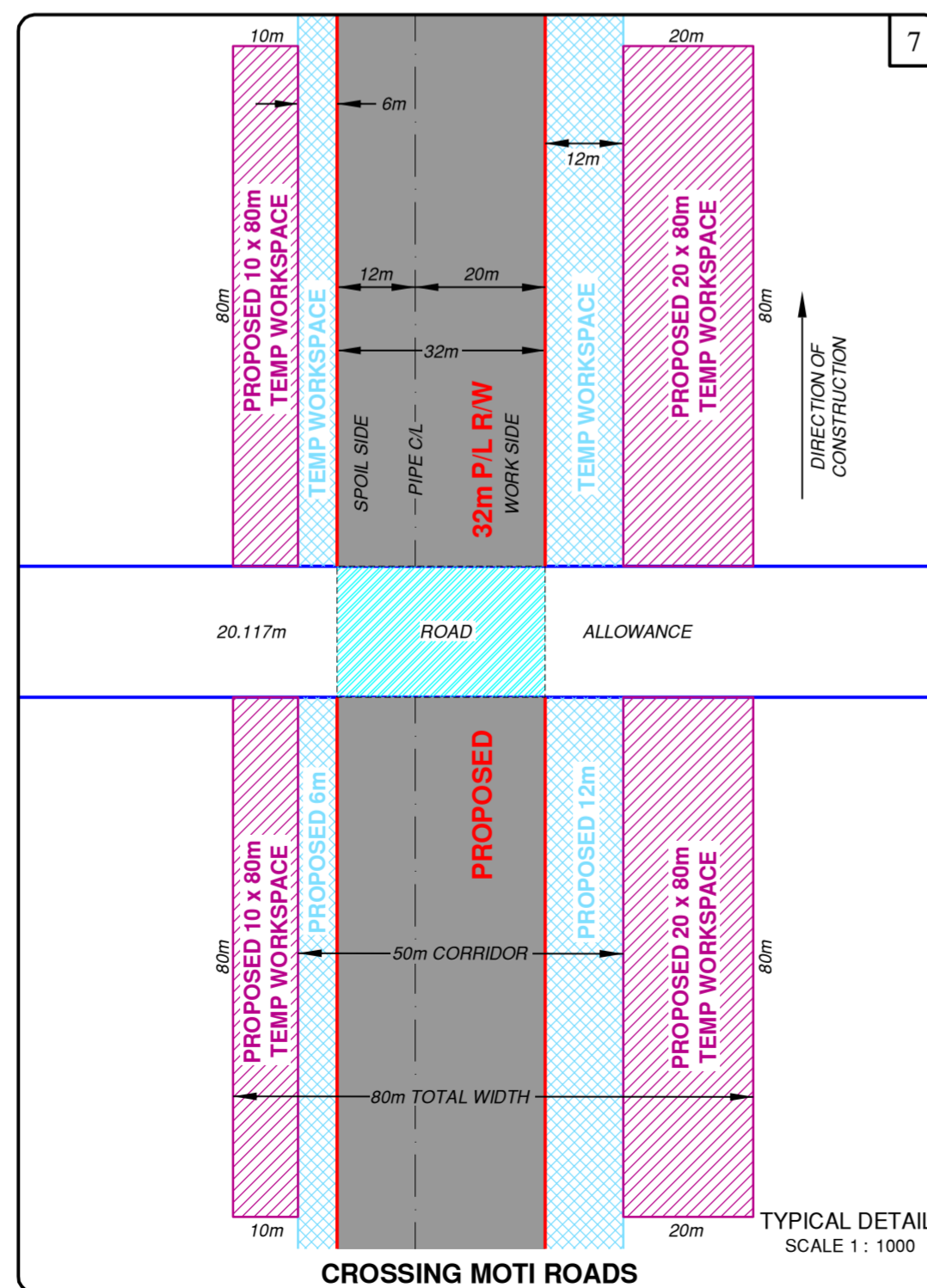
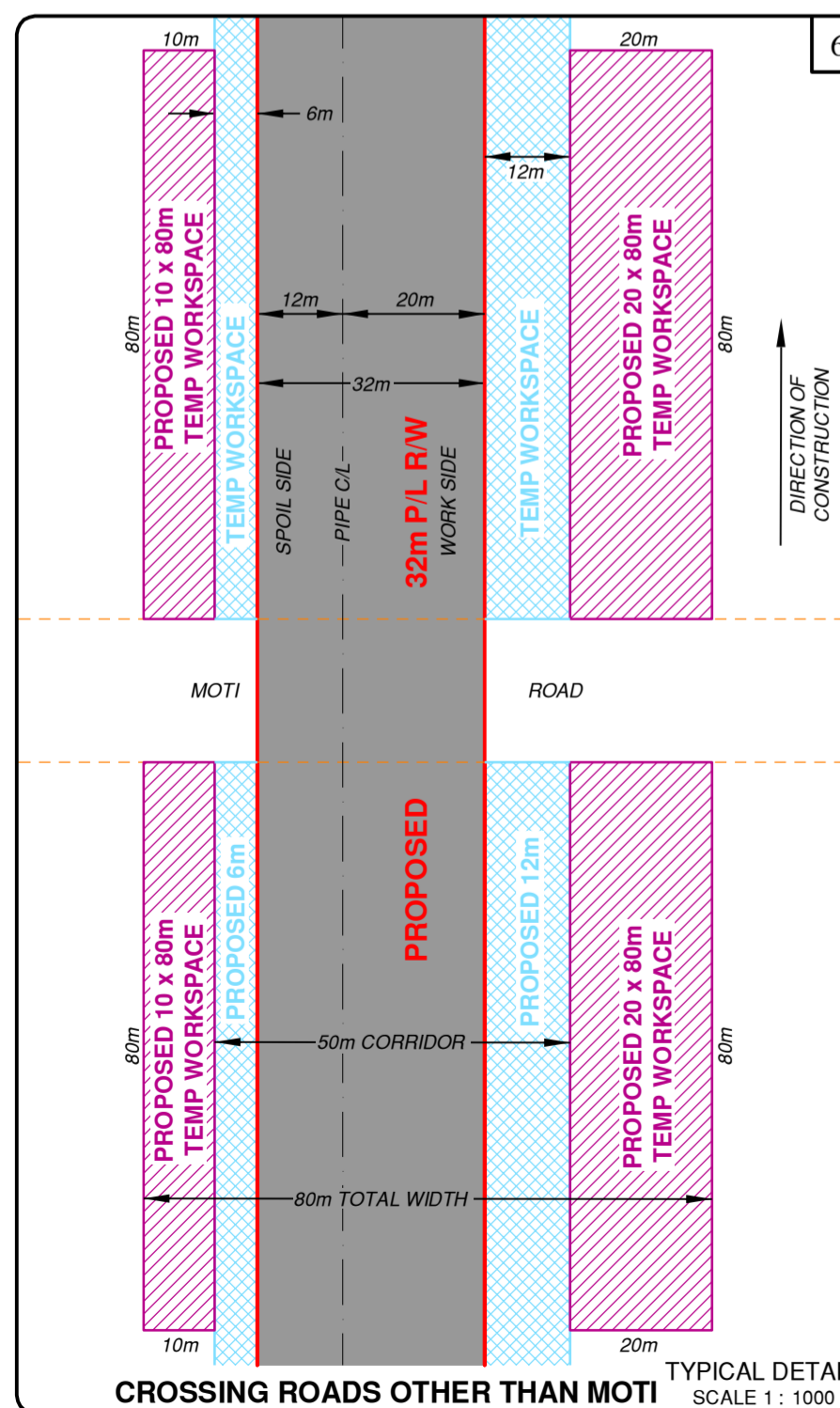
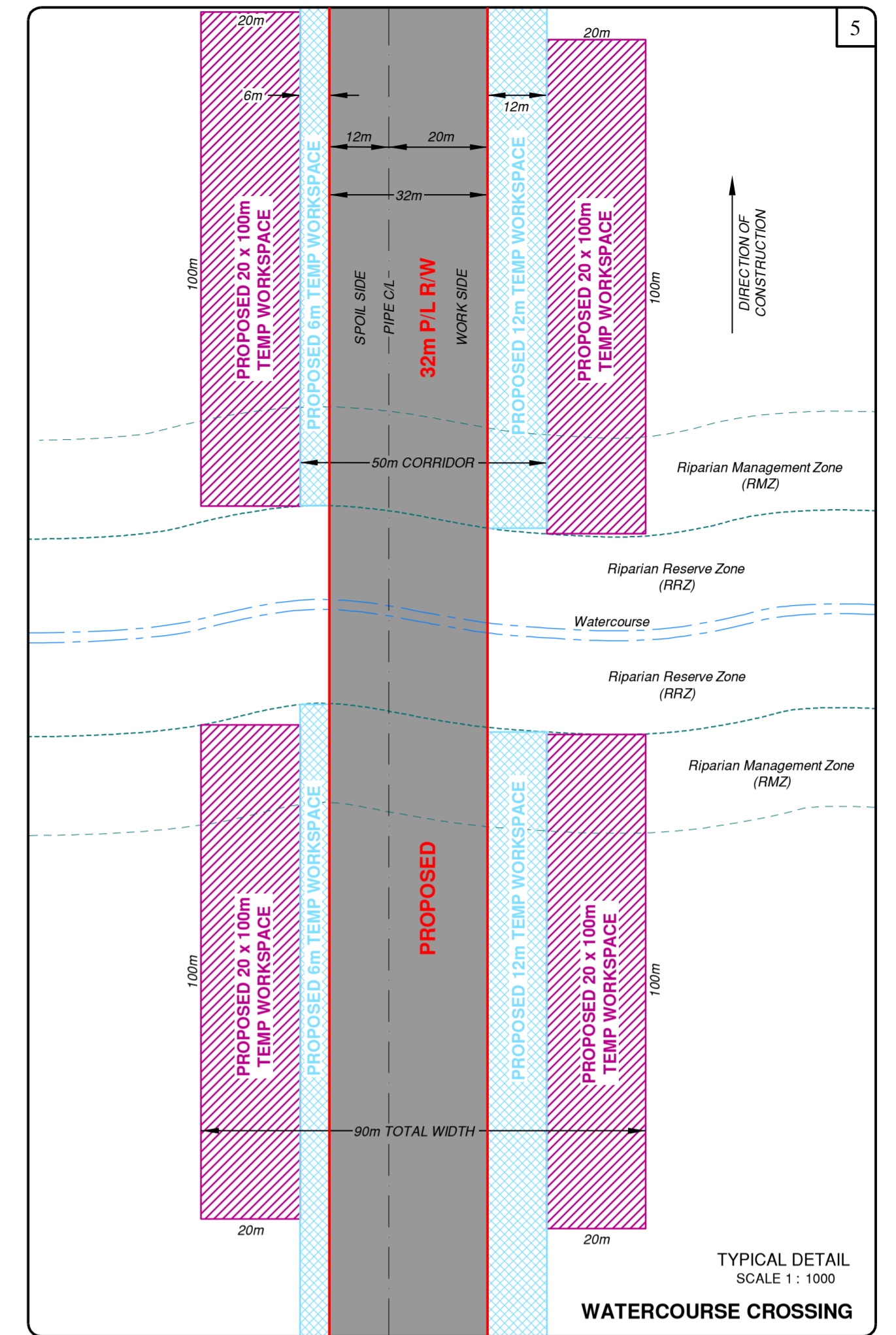
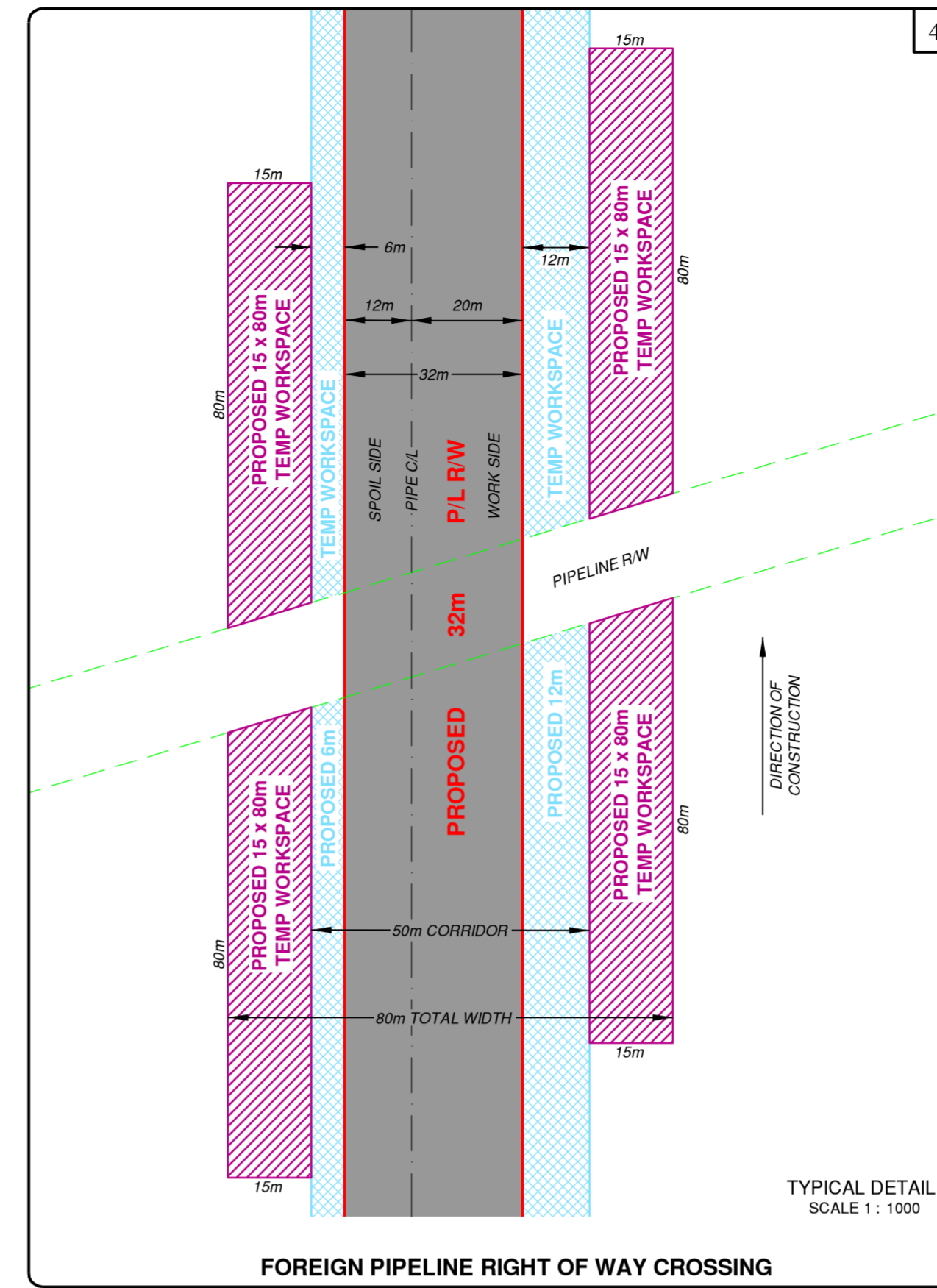
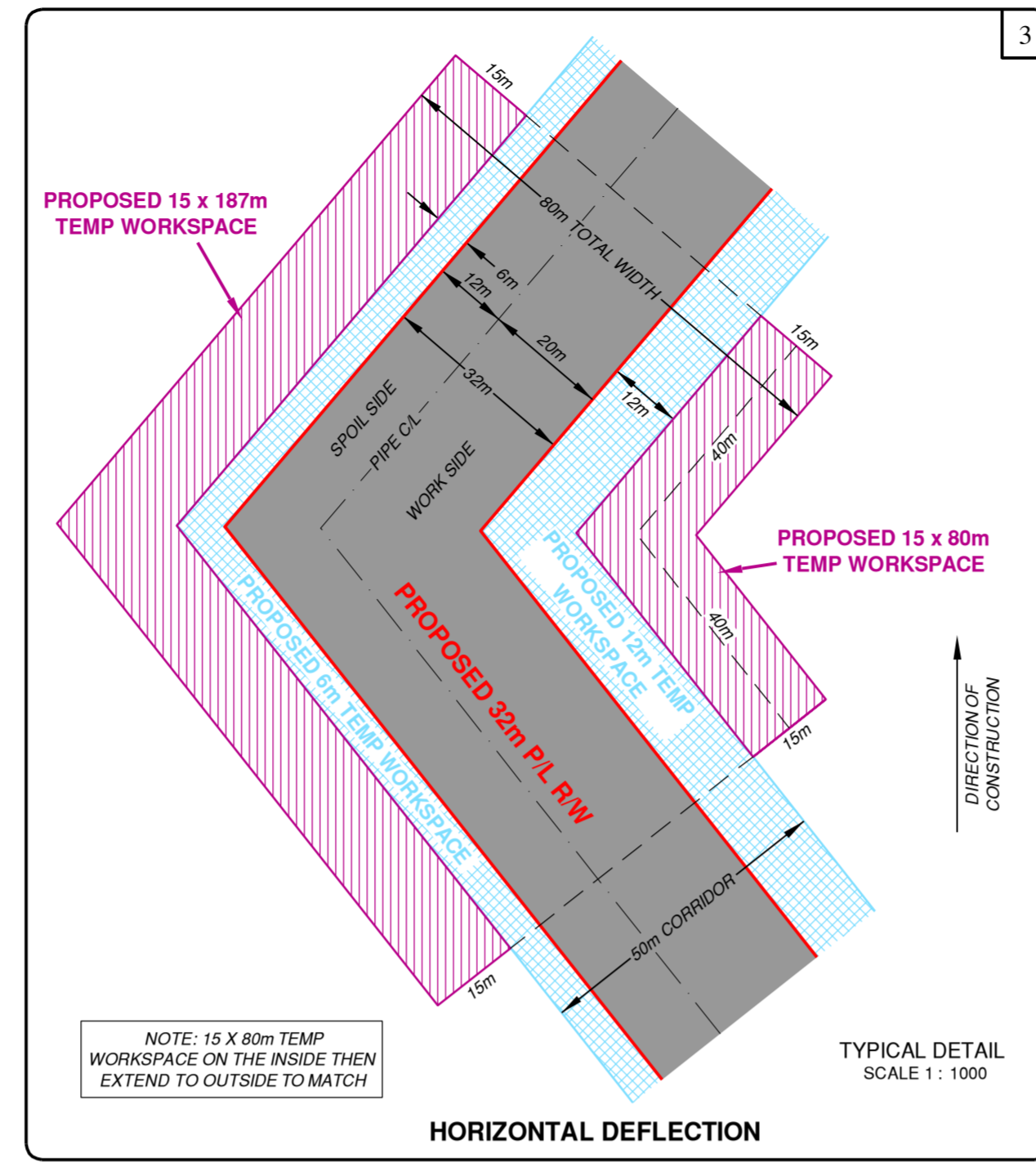
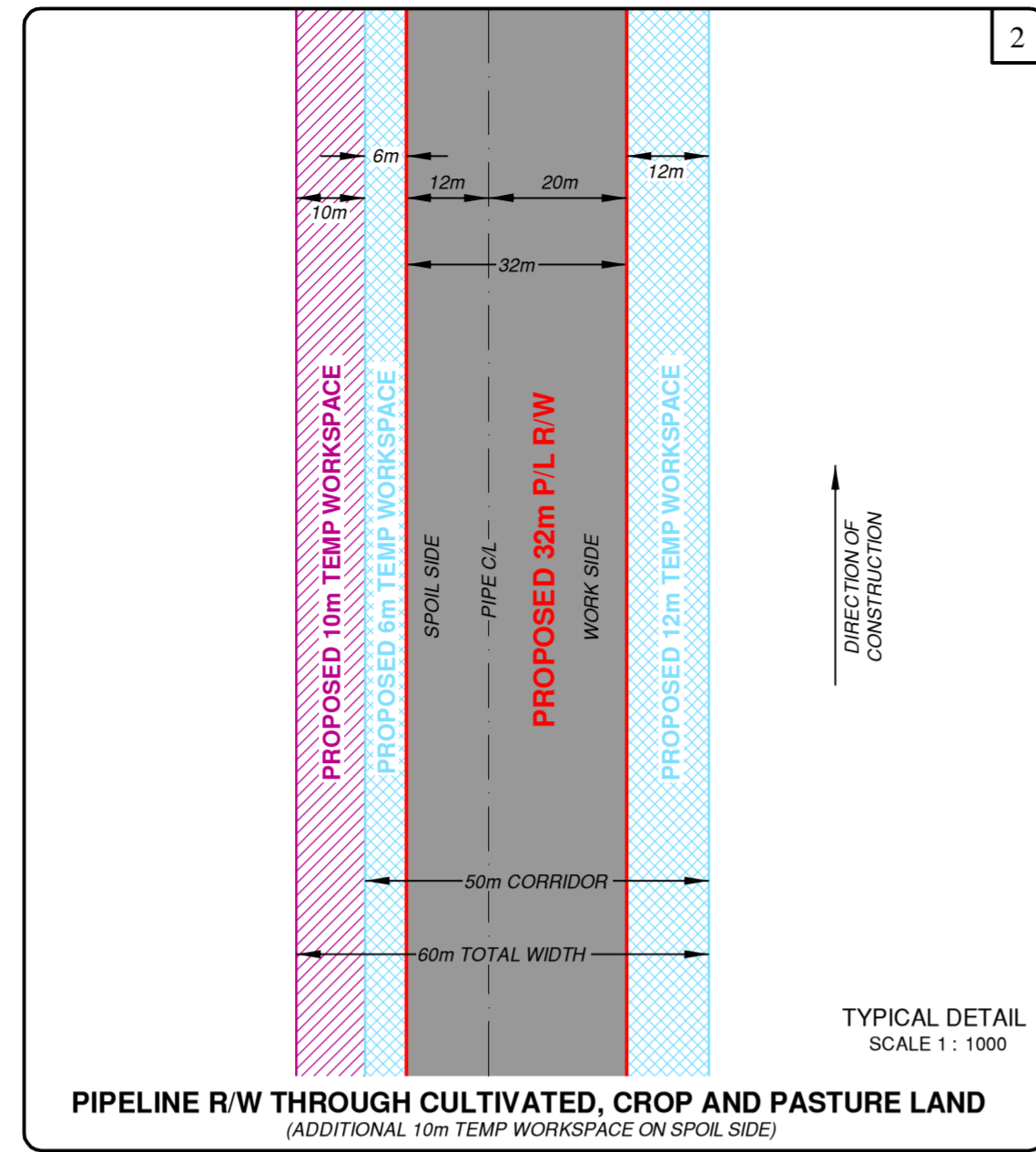
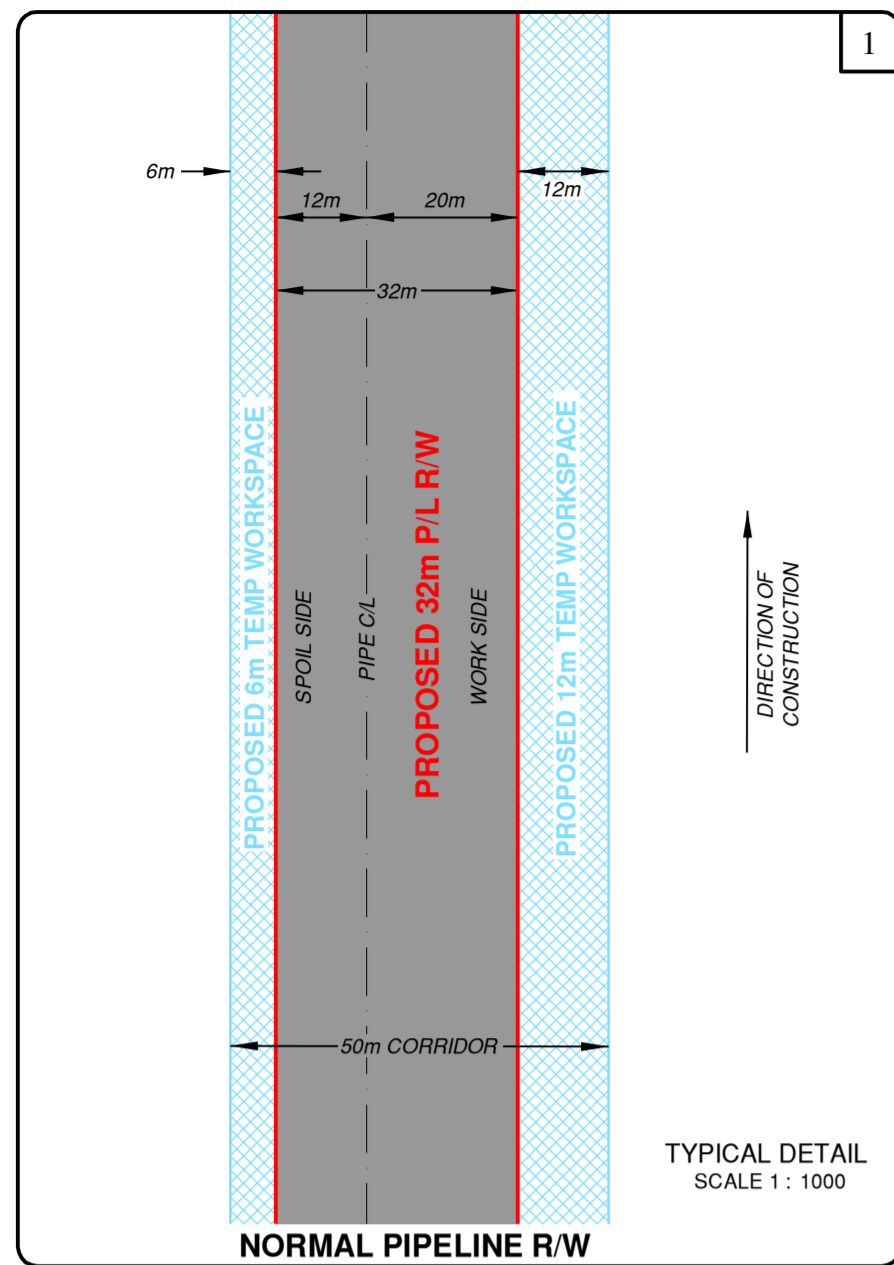



Unsurveyed Crown Land / Crown Land / Private Land Range 5 Coast District  
 SCALE 1:200,000 (NAD 1983 UTM ZONE 9N)  
 B.C.G.S. 103J.018, 019, 028, 038, 048, 058, 068, 078, 079, 089, 090

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REVISION	
1	



Prince Rupert Gas Transmission Project  **PRINCE RUPERT GAS TRANSMISSION LTD.**

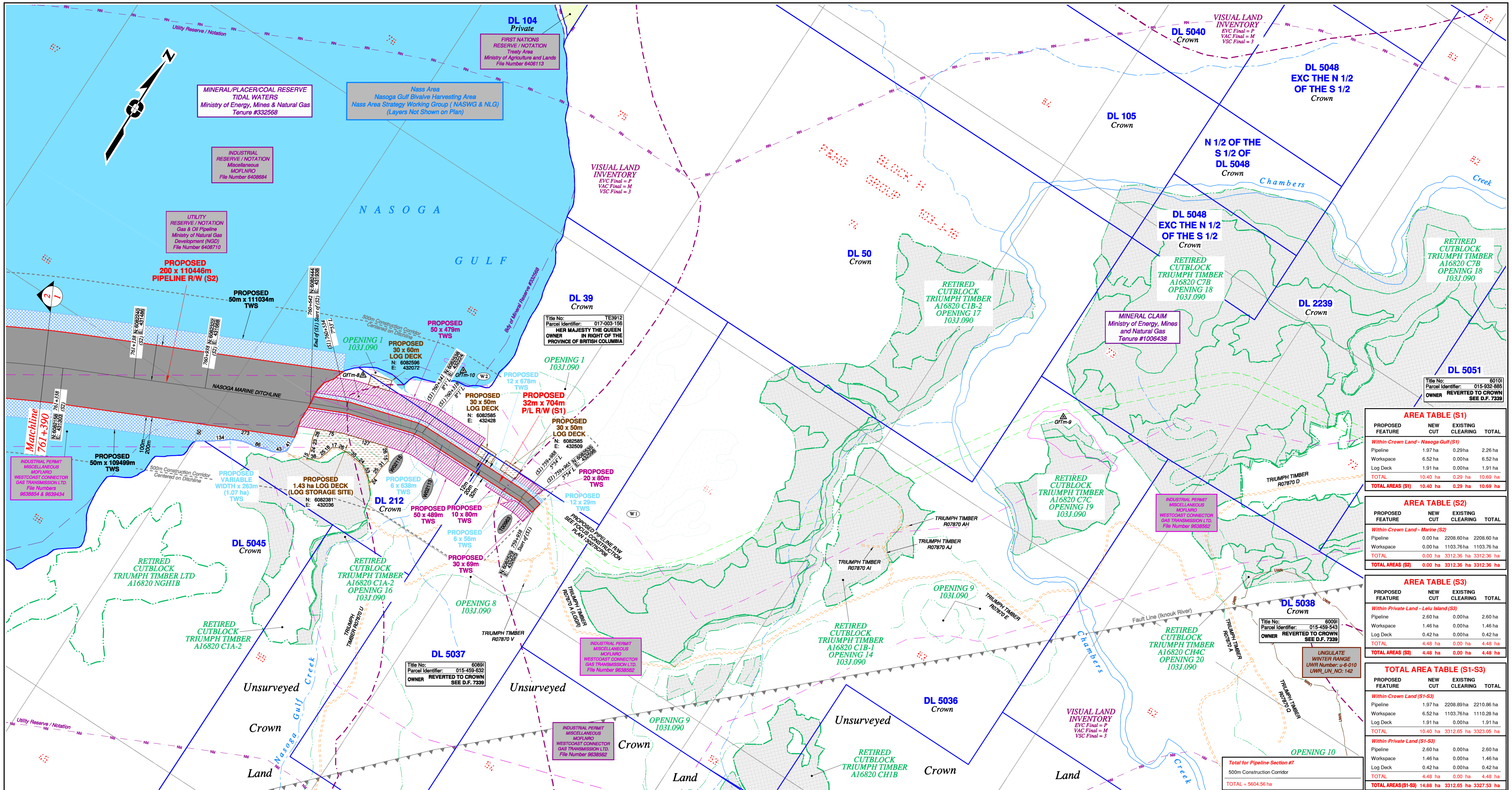
SKETCH PLAN SHOWING  
TYPICAL CONSTRUCTION PLAN CROSSING SCENARIOS

The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1 : 1000 (use D size sheet)

Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/12	TR

**FOCUS** AFE: FOCUS: 130275 TYPICALS REV. 0

FCS Land Services Limited Partnership  
10715 - 100th Avenue, Fort St. John, BC  
V1J 1Z3 250.787.0300 www.focus.ca



**AREA TABLE (S1)**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Within Crown Land - Nasoga Gulf (S1)			
Pipeline	1.97 ha	0.29 ha	2.26 ha
Workspace	6.52 ha	0.00 ha	6.52 ha
Log Deck	1.91 ha	0.00 ha	1.91 ha
<b>TOTAL</b>	<b>10.40 ha</b>	<b>0.29 ha</b>	<b>10.69 ha</b>

**AREA TABLE (S2)**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Within Crown Land - Marine (S2)			
Pipeline	0.00 ha	2208.60 ha	2208.60 ha
Workspace	0.00 ha	1103.76 ha	1103.76 ha
<b>TOTAL</b>	<b>0.00 ha</b>	<b>3312.36 ha</b>	<b>3312.36 ha</b>

**AREA TABLE (S3)**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Within Private Land - Lelu Island (S3)			
Pipeline	2.60 ha	0.00 ha	2.60 ha
Workspace	1.46 ha	0.00 ha	1.46 ha
Log Deck	0.42 ha	0.00 ha	0.42 ha
<b>TOTAL</b>	<b>4.48 ha</b>	<b>0.00 ha</b>	<b>4.48 ha</b>

**TOTAL AREA TABLE (S1-S3)**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Within Crown Land (S1-S3)			
Pipeline	1.97 ha	2208.89 ha	2210.86 ha
Workspace	6.52 ha	1103.76 ha	1110.28 ha
Log Deck	1.91 ha	0.00 ha	1.91 ha
<b>TOTAL</b>	<b>10.40 ha</b>	<b>3312.65 ha</b>	<b>3323.05 ha</b>

**TOTAL AREA TABLE (S1-S3)**

PROPOSED FEATURE	NEW CUT	EXISTING CLEARING	TOTAL
Within Private Land (S1-S3)			
Pipeline	2.60 ha	0.00 ha	2.60 ha
Workspace	1.46 ha	0.00 ha	1.46 ha
Log Deck	0.42 ha	0.00 ha	0.42 ha
<b>TOTAL</b>	<b>4.48 ha</b>	<b>0.00 ha</b>	<b>4.48 ha</b>

Total for Pipeline Section #7  
500m Construction Corridor  
TOTAL = 5604.56 ha

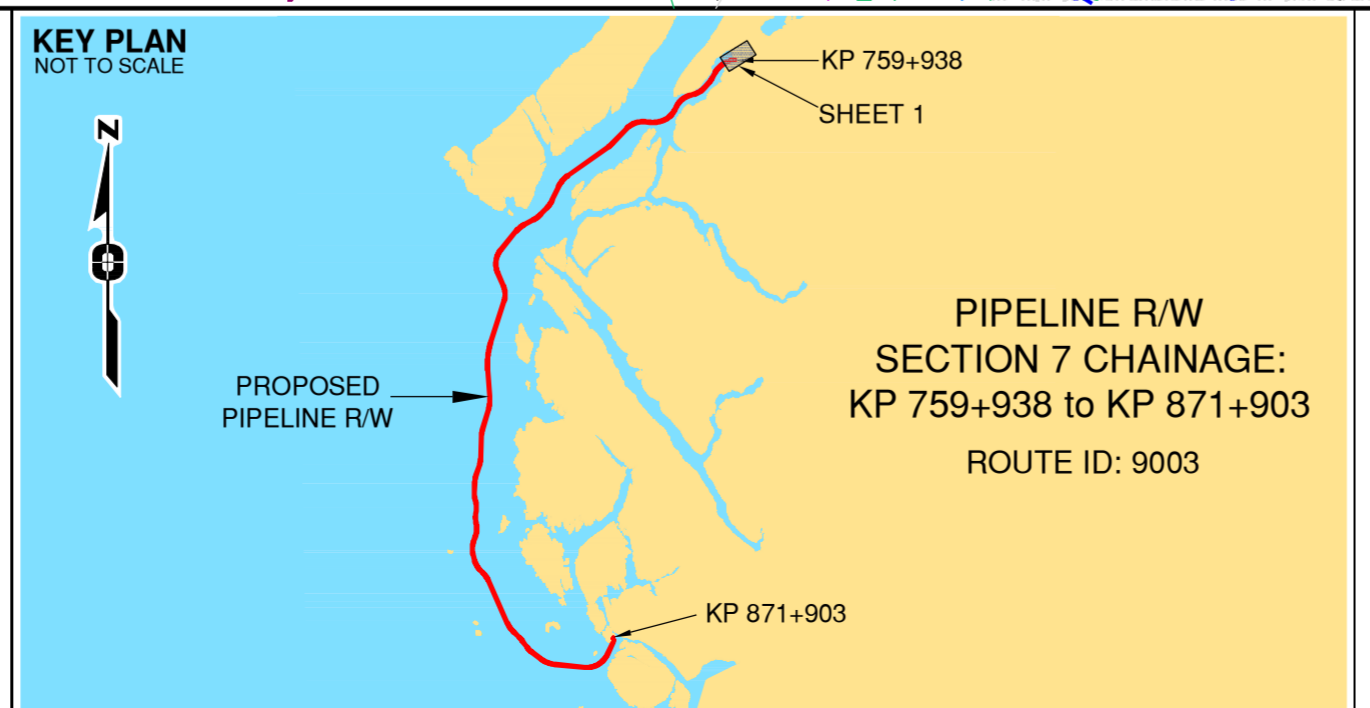
Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

**NOTES:**

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- Water crossing information has been provided by Stantec. Wetlands data has been provided by Stantec dated August 29, 2014. Freshwater Atlas wetlands outside of construction corridor have been removed from scenery.
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- This pipeline section is not within the Agricultural Land Reserve.
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**LEGEND**

Proposed Pipeline R/W shown thus:	Fish/Wildlife Reserve body shown thus:
Proposed Temp. Workspaces shown thus:	Grazing Tenure body shown thus:
Proposed Log Decks & Storage Sites shown thus:	Mineral Claim body shown thus:
Right of Way shown thus:	Tree Farm Licence shown thus:
Roads shown thus:	Quarry Reserve body shown thus:
Highway shown thus:	Ungulate Winter Range body shown thus:
Railway line shown thus:	Visual Land Inventory shown thus:
Seismic line/trail shown thus:	Watershed Reserve body shown thus:
Recreation Tenure shown thus:	Wind Tenure body shown thus:
Drainages shown thus:	Woodlot body shown thus:
Buried cable shown thus:	Fault Line shown thus:
Buried pipe shown thus:	Misc Reserve/Notation body shown thus:
Overhead powerline shown thus:	Misc Licence/Permit body shown thus:
Riparian Reserve Zone shown thus:	Stantec Wetland / Classification shown thus:
Riparian Management Zone shown thus:	Crossings shown thus:
Forest Cover Reserve shown thus:	Old Growth Management Area shown thus:
Archaeological site shown thus:	Residences shown thus:
Agricultural Land Reserve body shown thus:	Power Pole shown thus:
Coal Tenure body shown thus:	
Cutblock body shown thus:	
Fence body shown thus:	



APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

No.	STATION	DESCRIPTION	OWNER
W02115	760+335	Trib to Nasoga Bay / S6 / RRZ = 0 RMZ = 20	N 6082539 E 432230 ILMB
W02113	760+253	Nasoga Gulf Creek / S6 / RRZ = 0 RMZ = 20	N 6082540 E 432312 ILMB
100963	759+987	Forestry Road / LGGR / R07870 A	N 6082537 E 432578 Triumph Timber Ltd.

**TABLE OF CROSSINGS**

Prince Rupert Gas Transmission Project

**TransCanada**  
In business to deliver

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 759+938 TO 761+390)

Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1:5000 (use D size sheet)

BCGS: 103J.018 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

**FOCUS**  
Focus Surveys (BC) Limited Partnership  
10715 - 100th Avenue Fort St. John BC V1J 1Z3 250.757.0300 www.focus.ca

FOCUS: 130275CP07R1  
AFCE: 5005948  
TCPL: 004776-09-ML-03-195  
ePASS: 10048831

REV. 1



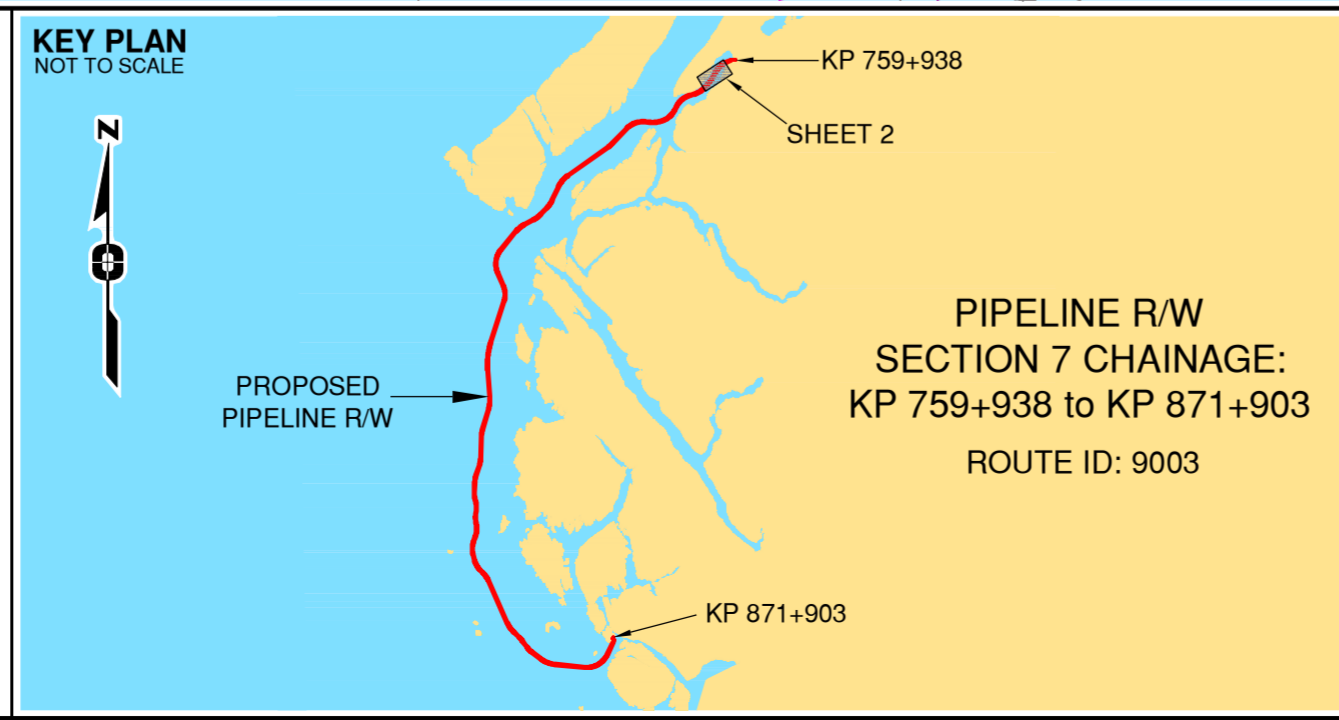
Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

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Riparian Management Zone shown thus:	Crossings shown thus:
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Agricultural Land Reserve body shown thus:	Power Pole shown thus:
Coal Tenure body shown thus:	
Cutblock body shown thus:	
Fence body shown thus:	



APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

**Prince Rupert Gas Transmission Project**

**TransCanada**  
In business to deliver

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 761+390 TO 765+667)

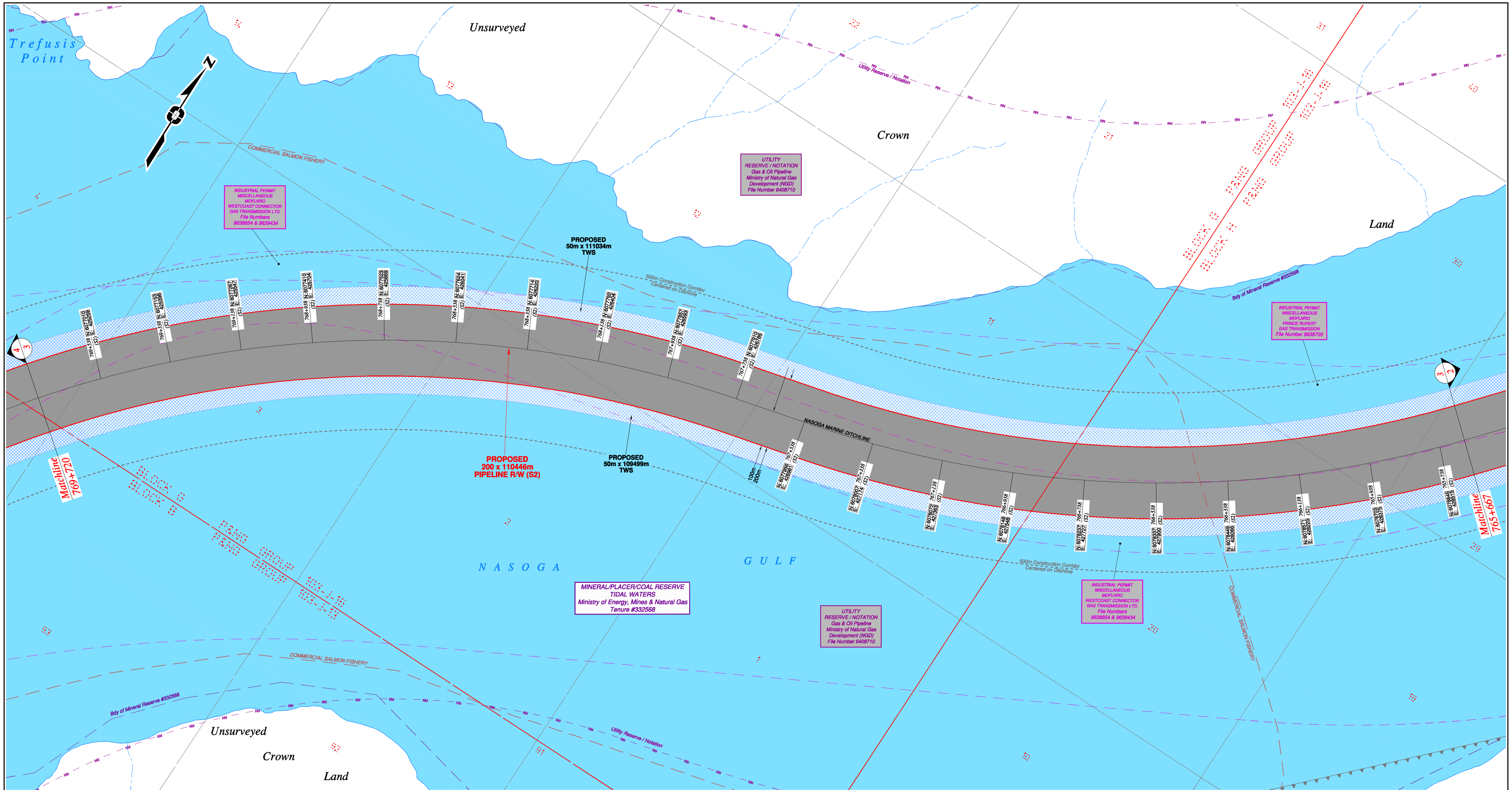
Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

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BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

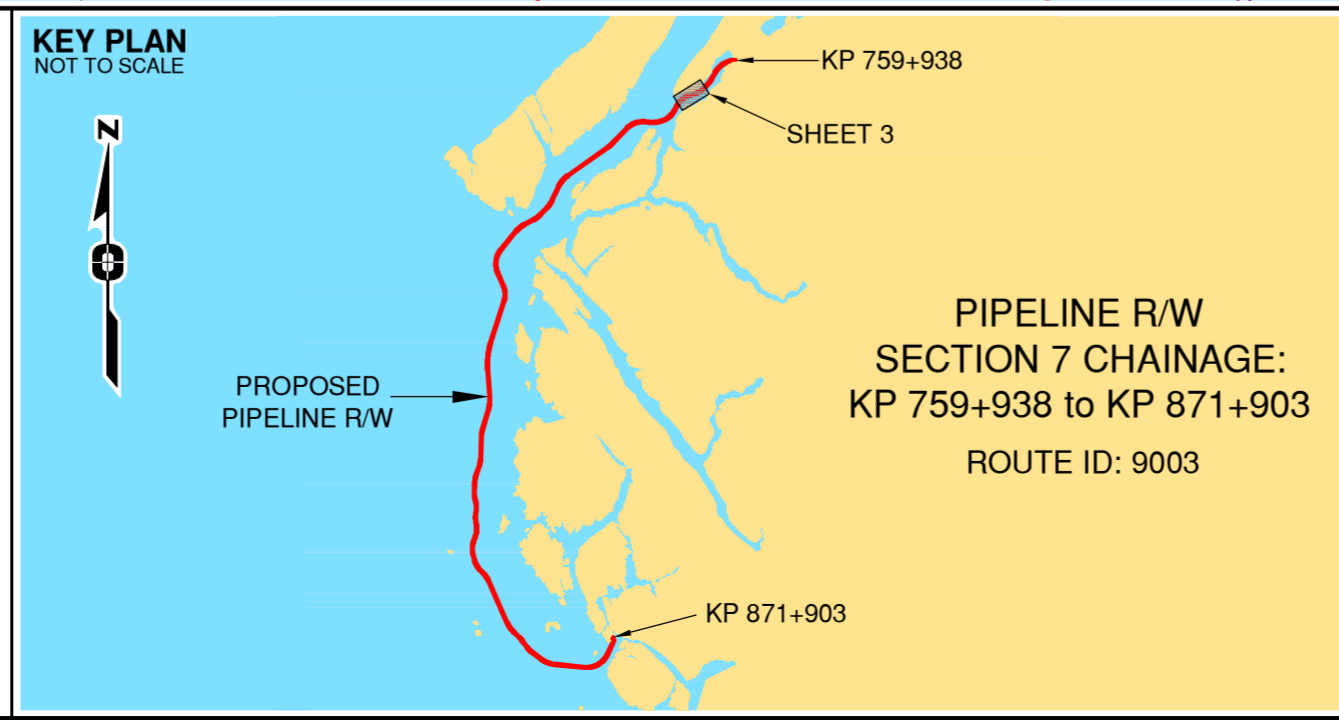
<b>FOCUS</b> Focus Surveys (BC) Limited Partnership 10715 - 100th Avenue, Fort St. John, BC V1J 1Z3, 250.757.0300, www.focus.ca	<b>FOCUS:</b> 130275CP07R1 <b>AFE:</b> 5005948 <b>TCPL:</b> 004776-09-ML-03-196 <b>ePASS:</b> 10048831	<b>REV.</b> <b>1</b>
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Sheet 2 of 28



Rev	Revision Description	Date(Y.M.D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

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No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

**Prince Rupert Gas Transmission Project**

**TransCanada**  
In business to deliver

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 765+667 TO 769+720)

Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

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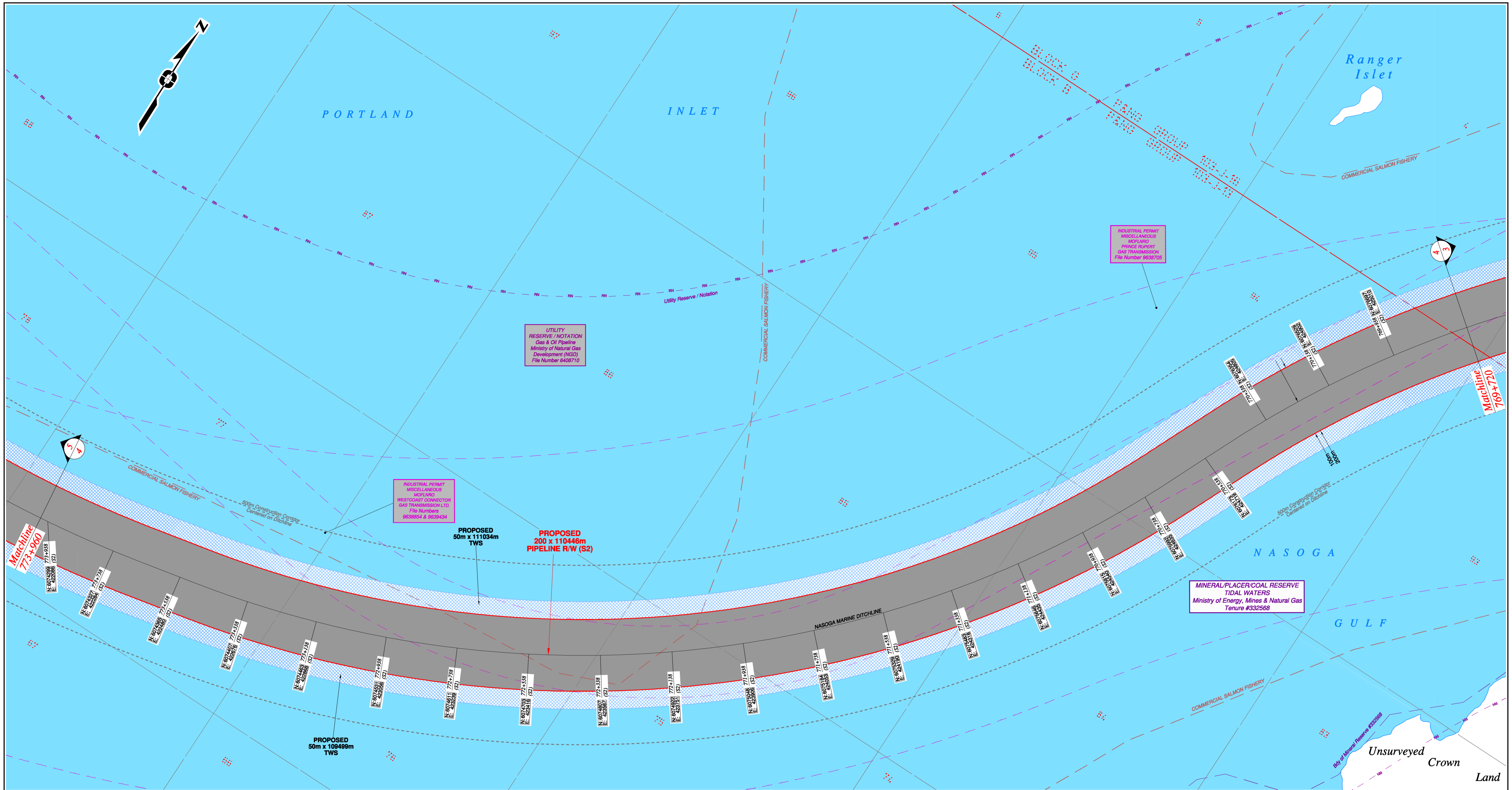
BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

**FOCUS**  
Focus Surveys (BC) Limited Partnership  
10715 - 100th Avenue, Fort St. John, BC  
V1J 1Z3, 250.757.0300, www.focus.ca

**FOCUS:** 130275CP07R1  
**AFE:** 5005948  
**TCPL:** 004776-09-ML-03-197  
**ePASS:** 10048831

Sheet 3 of 28

**REV.**  
**1**

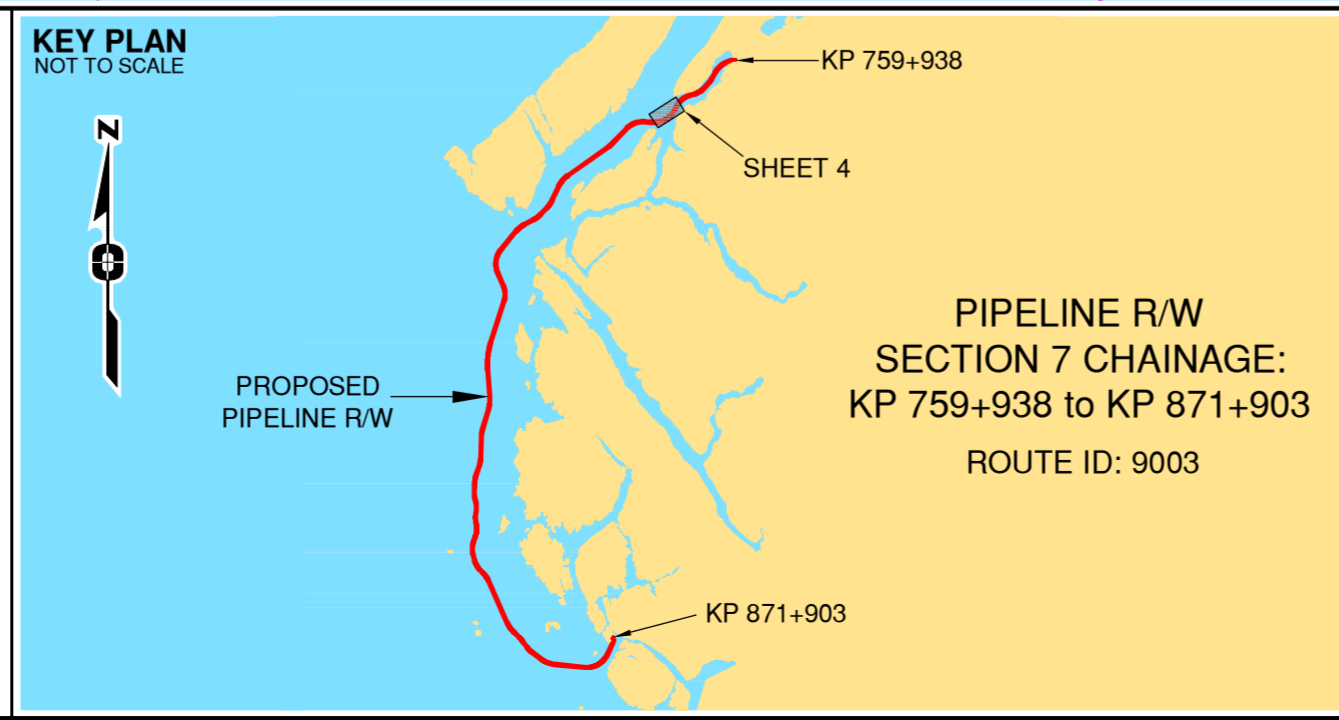


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No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

**Prince Rupert Gas Transmission Project**

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 769+720 TO 773+960)

Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

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BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

**FOCUS** Focus Surveys (BC) Limited Partnership  
10715 - 100th Avenue Fort St. John BC V1J 1Z3 250.757.0300 www.focus.ca

**FOCUS:** 130275CP07R1  
**AFE:** 5005948  
**TCPL:** 004776-09-ML-03-198  
**ePASS:** 10048831

Sheet 4 of 28 **REV. 1**

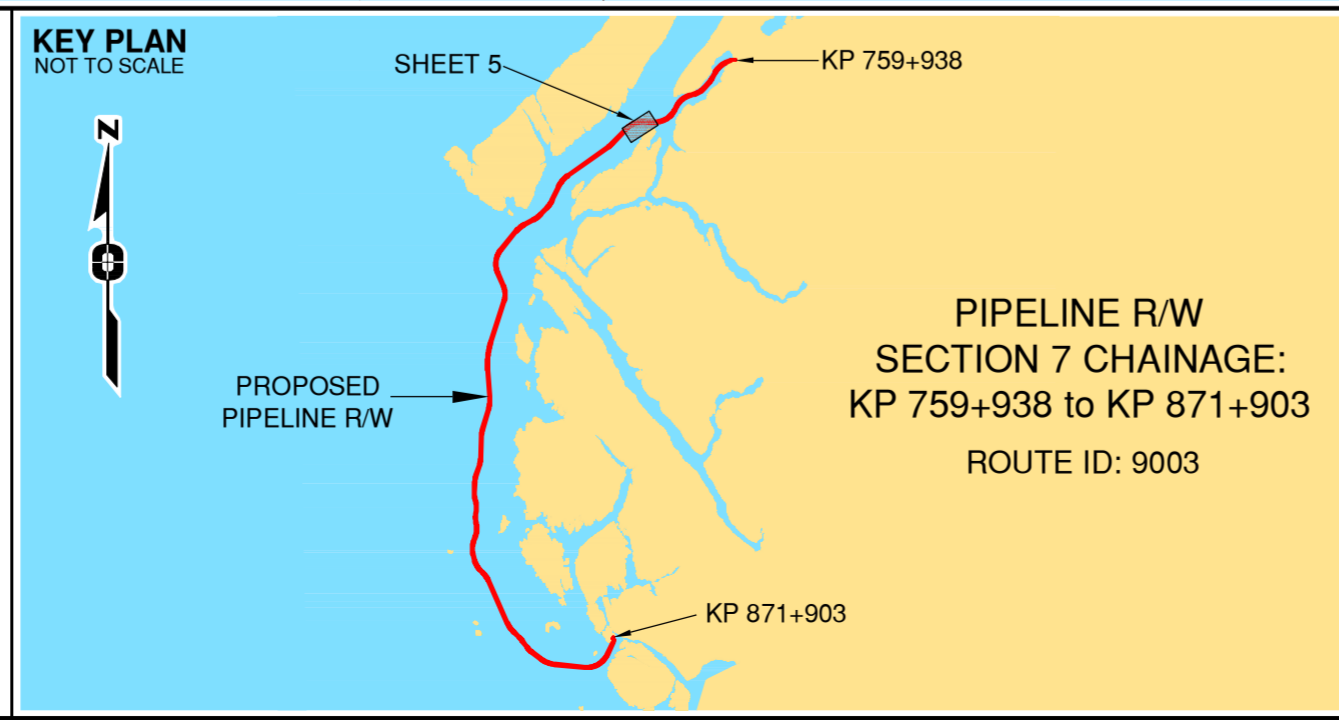


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APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

**Prince Rupert Gas Transmission Project**

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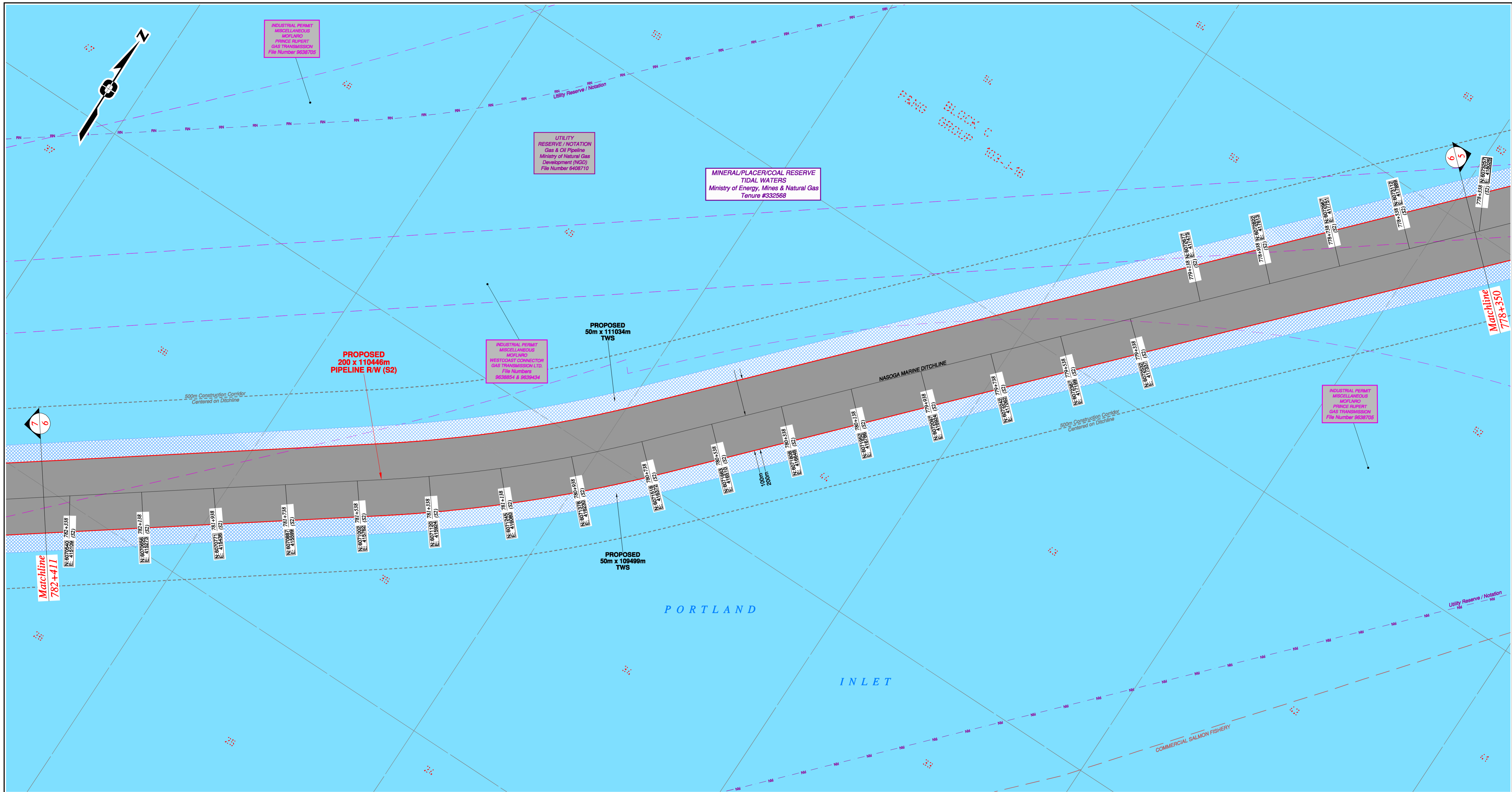
Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

<b>FOCUS</b> Focus Surveys (BC) Limited Partnership 10715 - 100th Avenue Fort St. John BC V1J 1Z3 250.757.0300 www.focus.ca	<b>FOCUS:</b> 130275CP07R1 <b>AFE:</b> 5005948 <b>TCPL:</b> 004776-09-ML-03-199 <b>ePASS:</b> 10048831	Sheet 5 of 28 <b>REV.</b> 1
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13/31/2014 8:19:04 AM

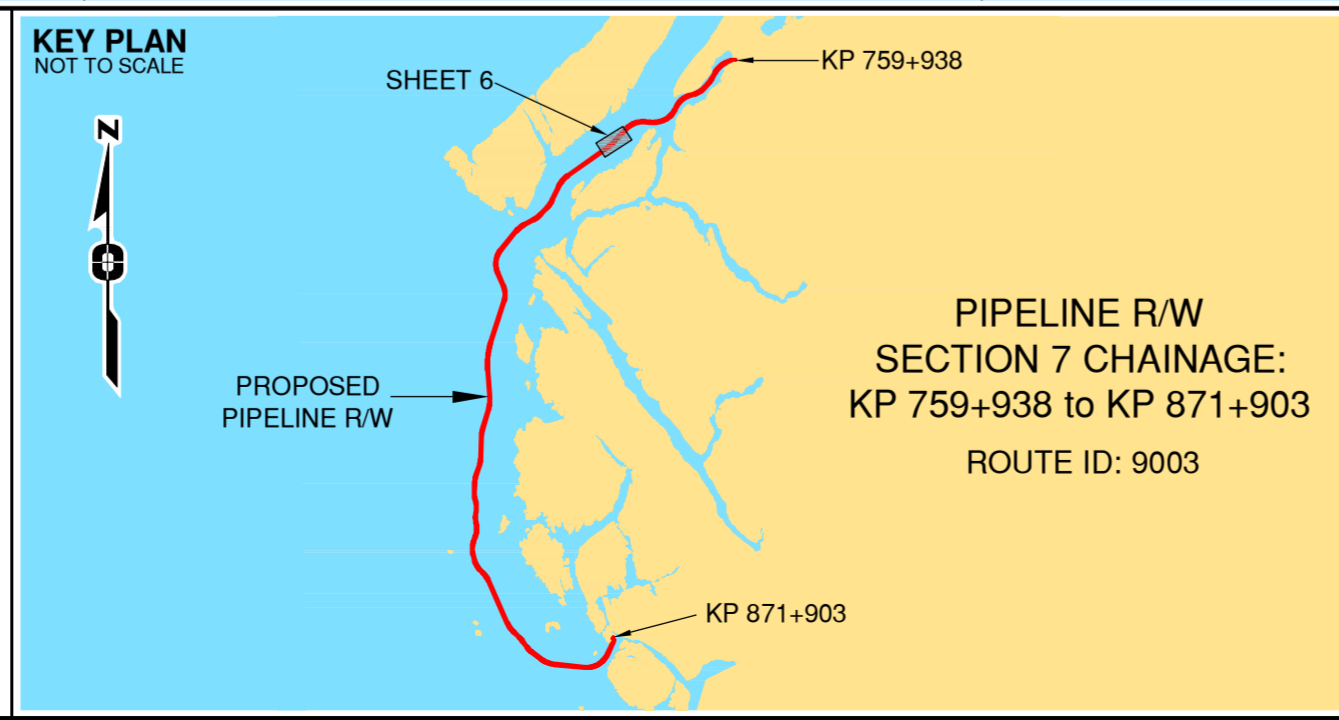


Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

LEGEND	
Proposed Pipeline R/W shown thus:	Fish/Wildlife Reserve body shown thus:
Proposed Temp. Workspaces shown thus:	Grazing Tenure body shown thus:
Proposed Log Decks & Storage Sites shown thus:	Mineral Claim body shown thus:
Right of Way shown thus:	Tree Farm Licence shown thus:
Roads shown thus:	Quarry Reserve body shown thus:
Highway shown thus:	Ungulate Winter Range body shown thus:
Railway line shown thus:	Visual Land Inventory shown thus:
Seismic line/trail shown thus:	Watershed Reserve body shown thus:
Recreation Tenure shown thus:	Wind Tenure body shown thus:
Drainages shown thus:	Woodlot body shown thus:
Buried cable shown thus:	Fault Line shown thus:
Buried pipe shown thus:	Misc Reserve/Notation body shown thus:
Overhead powerline shown thus:	Misc Licence/Permit body shown thus:
Riparian Reserve Zone shown thus:	Stantec Wetland / Classification shown thus:
Riparian Management Zone shown thus:	Crossings shown thus:
Forest Cover Reserve shown thus:	Old Growth Management Area shown thus:
Archaeological site shown thus:	Residences shown thus:
Agricultural Land Reserve body shown thus:	Power Pole shown thus:
Coal Tenure body shown thus:	
Cutback body shown thus:	
Fence body shown thus:	

NOTES:

- Co-ordinates are NAD 83 Grid, UTM Zone 9 and Zone 10. Distances shown are in metres and decimals thereof. Chainages are two-dimensional and are on pipeline ditchline. Pipeline segment length derived from ditchline chainages.
- Fault Lines data has been provided from BGC Engineering Inc. Desktop Study dated December 20, 2013.
- Water crossing information has been provided by Stantec. Wetlands data has been provided by Stantec dated August 29, 2014. Freshwater Atlas wetlands outside of construction corridor have been removed from scenery.
- Cutback data is confirmed using information from the Government of BC websites for Forest MapView and MapBC.
- This pipeline section is not within the Agricultural Land Reserve.
- Field Survey Completed July 15, 2014
- This plan represents the best information available at the time of survey. Focus Surveys and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.



APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

**Prince Rupert Gas Transmission Project**

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 778+350 TO 782+411)

Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

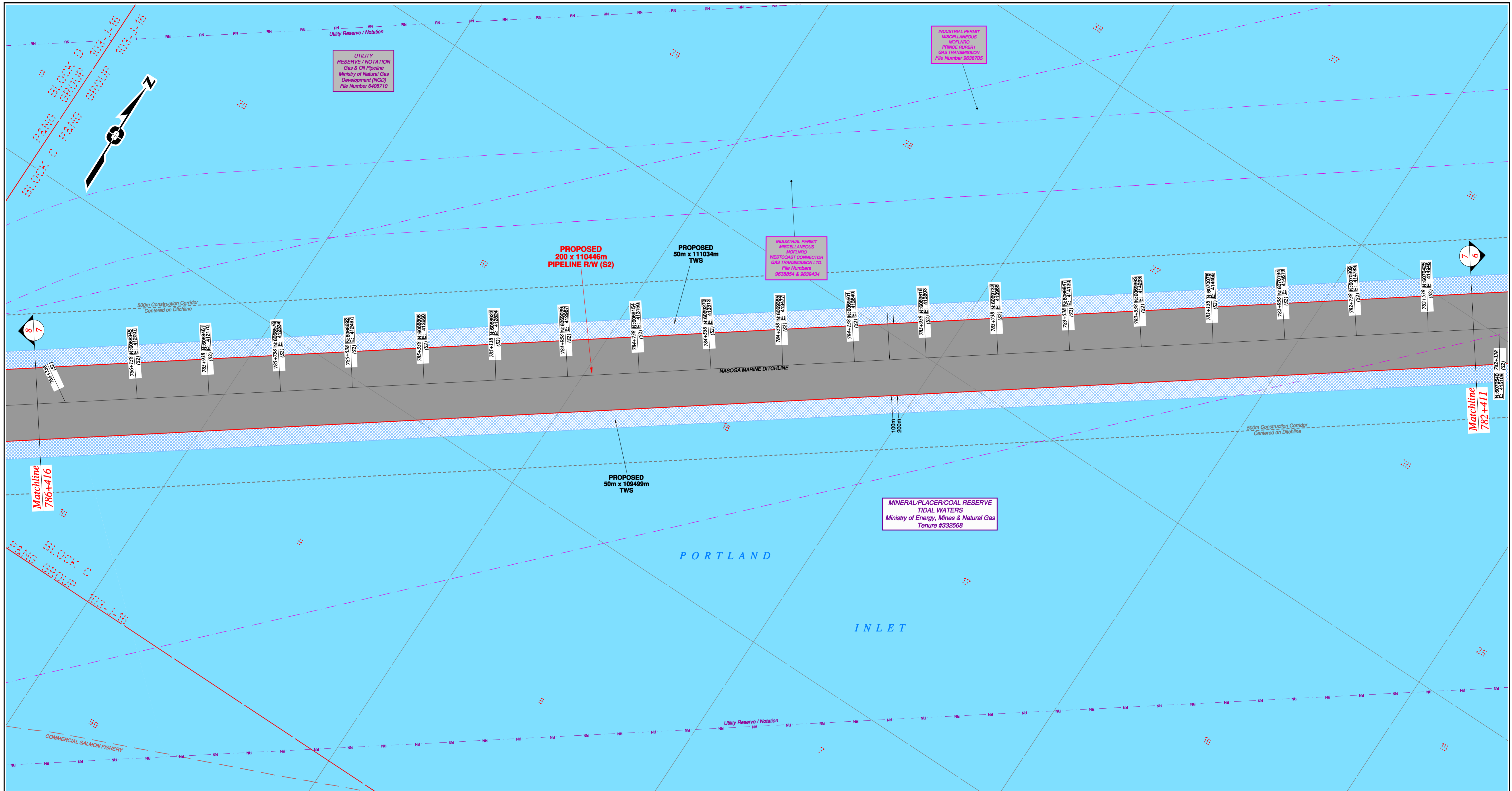
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

<b>FOCUS</b> Focus Surveys (BC) Limited Partnership 10715 - 100th Avenue Fort St. John BC V1J 1Z3 250.757.0300 www.focus.ca	<b>FOCUS:</b> 130275CP07R1 <b>AFE:</b> 5005948 <b>TCPL:</b> 004776-09-ML-03-200 <b>ePASS:</b> 10048831	Sheet 6 of 28 <b>REV.</b> <b>1</b>
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10/31/2014 6:19:56 AM



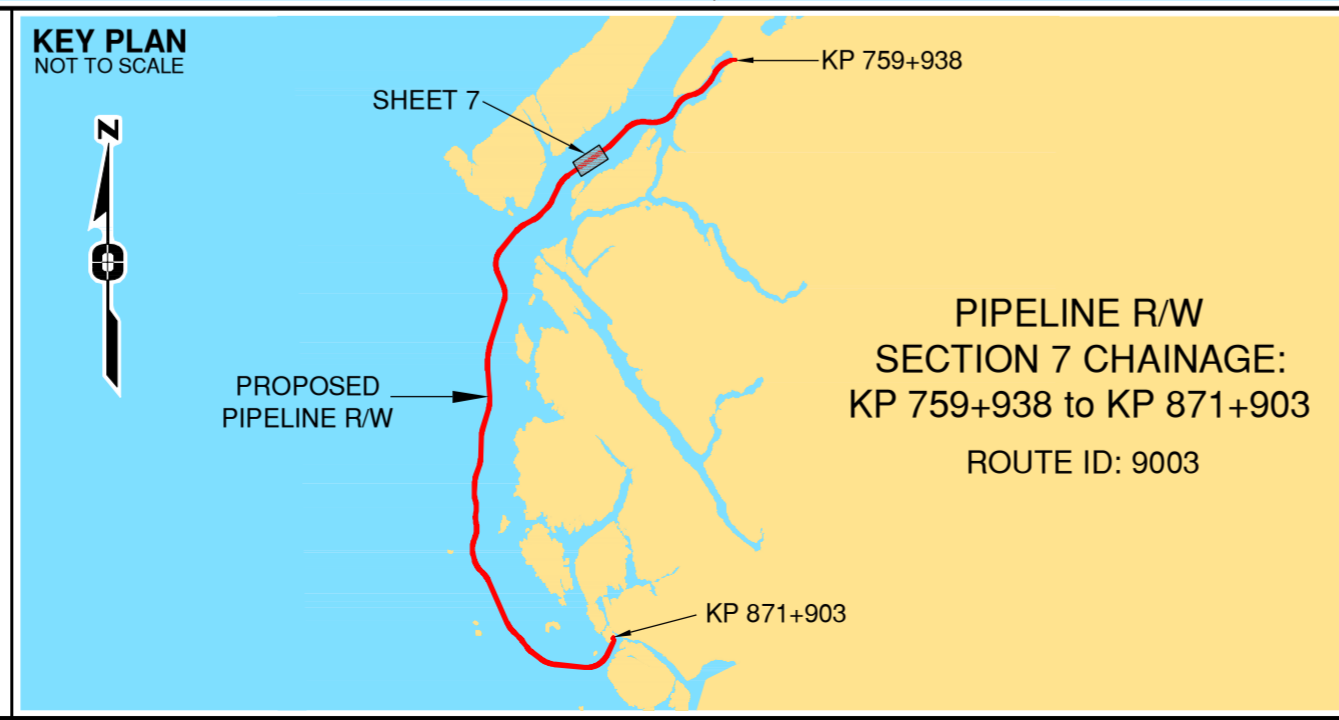


Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

LEGEND	
Proposed Pipeline R/W shown thus:	Fish/Wildlife Reserve body shown thus:
Proposed Temp. Workspaces shown thus:	Grazing Tenure body shown thus:
Proposed Log Decks & Storage Sites shown thus:	Mineral Claim body shown thus:
Right of Way shown thus:	Tree Farm Licence shown thus:
Roads shown thus:	Quarry Reserve body shown thus:
Highway shown thus:	Ungulate Winter Range body shown thus:
Railway line shown thus:	Visual Land Inventory shown thus:
Seismic line/trail shown thus:	Watershed Reserve body shown thus:
Recreation Tenure shown thus:	Wind Tenure body shown thus:
Drainages shown thus:	Woodlot body shown thus:
Buried cable shown thus:	Fault Line shown thus:
Buried pipe shown thus:	Misc. Reserve/Notation body shown thus:
Overhead powerline shown thus:	Misc. Licence/Permit body shown thus:
Riparian Reserve Zone shown thus:	Stantec Wetland / Classification shown thus:
Riparian Management Zone shown thus:	Crossings shown thus:
Forest Cover Reserve shown thus:	Old Growth Management Area shown thus:
Archaeological site shown thus:	Residences shown thus:
Agricultural Land Reserve body shown thus:	Power Pole shown thus:
Coal Tenure body shown thus:	
Cutblock body shown thus:	
Fence body shown thus:	

NOTES:

- Co-ordinates are NAD 83 Grid, UTM Zone 9 and Zone 10. Distances shown are in metres and decimals thereof. Chainages are two-dimensional and are on pipeline ditchline. Pipeline segment length derived from ditchline chainages.
- Fault Lines data has been provided from BGC Engineering Inc. Desktop Study dated December 20, 2013.
- Water crossing information has been provided by Stantec. Wetlands data has been provided by Stantec dated August 29, 2014. Freshwater Atlas wetlands outside of construction corridor have been removed from scenery.
- Cutblock data is confirmed using information from the Government of BC websites for Forest MapView and MapBC.
- This pipeline section is not within the Agricultural Land Reserve.
- Field Survey Completed July 15, 2014
- This plan represents the best information available at the time of survey. Focus Surveys and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.



APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

**Prince Rupert Gas Transmission Project**

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 782+411 TO 786+416)

Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

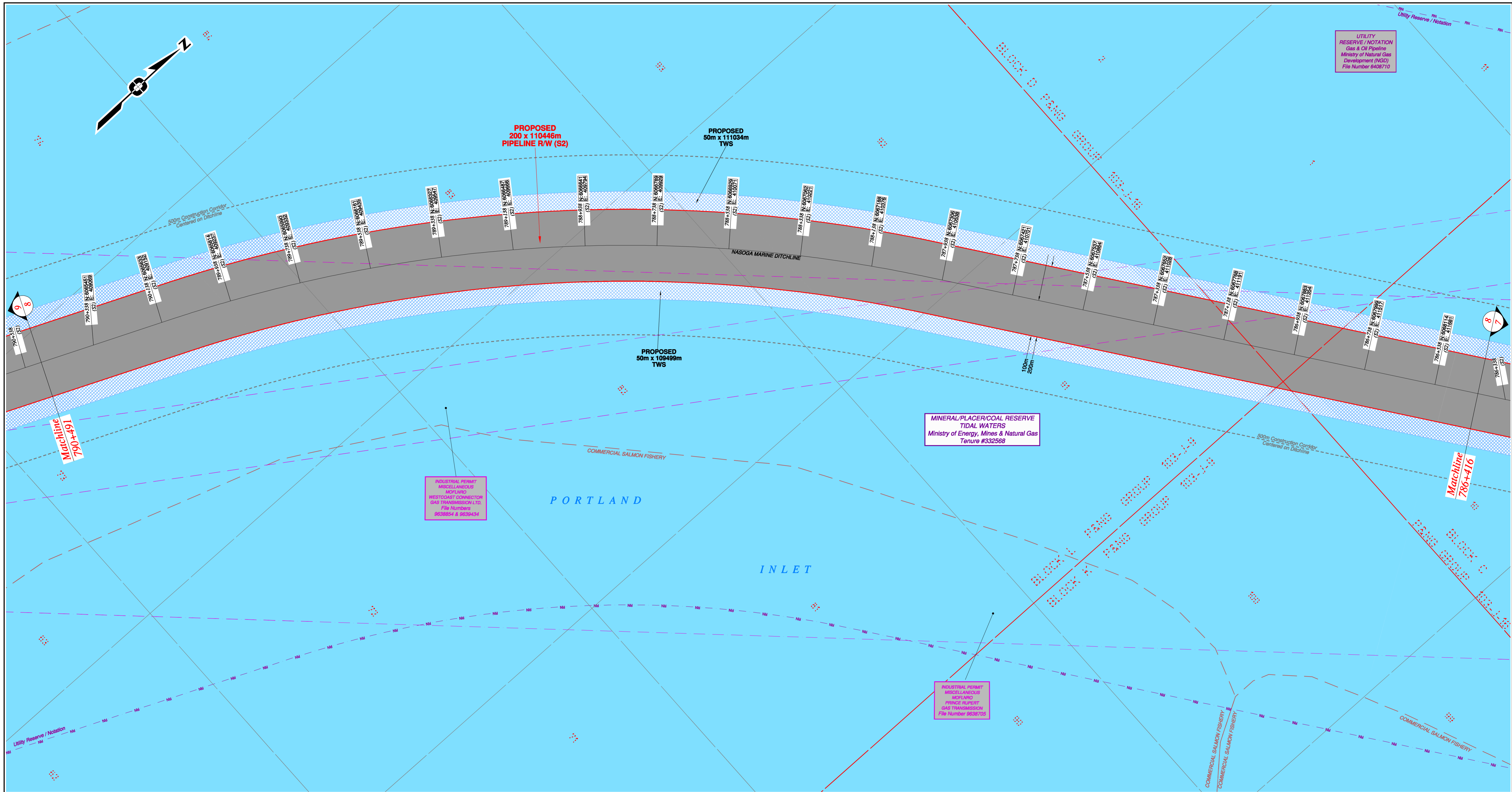
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

**FOCUS** Focus Surveys (BC) Limited Partnership  
10715 - 100th Avenue Fort St. John BC V1J 1Z3 250.757.0300 www.focus.ca

**FOCUS:** 130275CP07R1  
**AFC:** 5005948  
**TCPL:** 004776-09-ML-03-201  
**ePASS:** 10048831

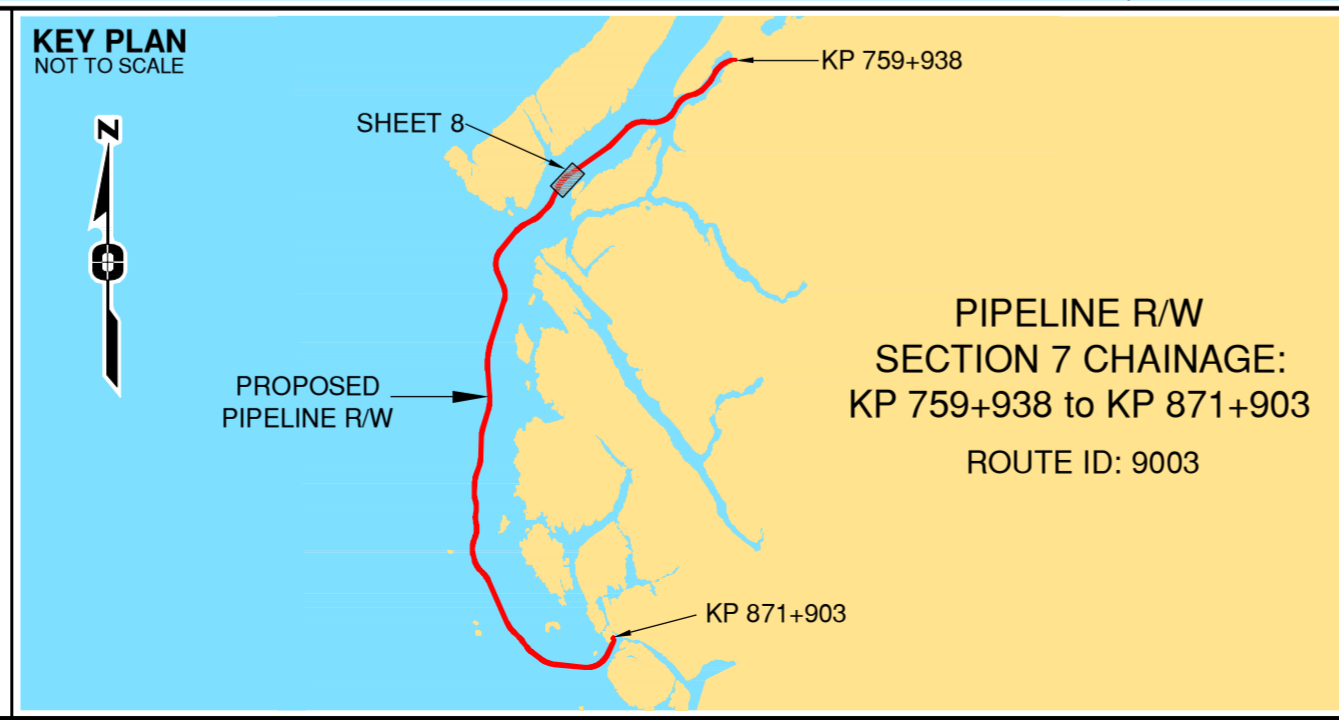
Sheet 7 of 28 **REV. 1**



Rev	Revision Description	Date(Y.M.D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

**LEGEND**

Proposed Pipeline R/W shown thus:	Fish/Wildlife Reserve bdy shown thus:
Proposed Temp. Workspaces shown thus:	Grazing Tenure bdy shown thus:
Proposed Log Decks & Storage Sites shown thus:	Mineral Claim bdy shown thus:
Right of Way shown thus:	Tree Farm Licence shown thus:
Roads shown thus:	Quarry Reserve bdy shown thus:
Highway shown thus:	Ungulate Winter Range bdy shown thus:
Railway line shown thus:	Visual Land Inventory shown thus:
Seismic line/trail shown thus:	Watershed Reserve bdy shown thus:
Recreation Tenure shown thus:	Wind Tenure bdy shown thus:
Drainages shown thus:	Woodlot bdy shown thus:
Buried cable shown thus:	Fault Line shown thus:
Buried pipe shown thus:	Misc Reserve/Notation bdy shown thus:
Overhead powerline shown thus:	Misc Licence/Permit bdy shown thus:
Riparian Reserve Zone shown thus:	Stantec Wetland / Classification shown thus:
Riparian Management Zone shown thus:	Crossings shown thus:
Forest Cover Reserve shown thus:	Old Growth Management Area shown thus:
Archaeological site shown thus:	Residences shown thus:
Agricultural Land Reserve bdy shown thus:	Power Pole shown thus:
Coal Tenure bdy shown thus:	
Cutblock bdy shown thus:	
Fence bdy shown thus:	



APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

**TABLE OF CROSSINGS**

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER

**Prince Rupert Gas Transmission Project**

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 786+416 TO 790+491)

Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

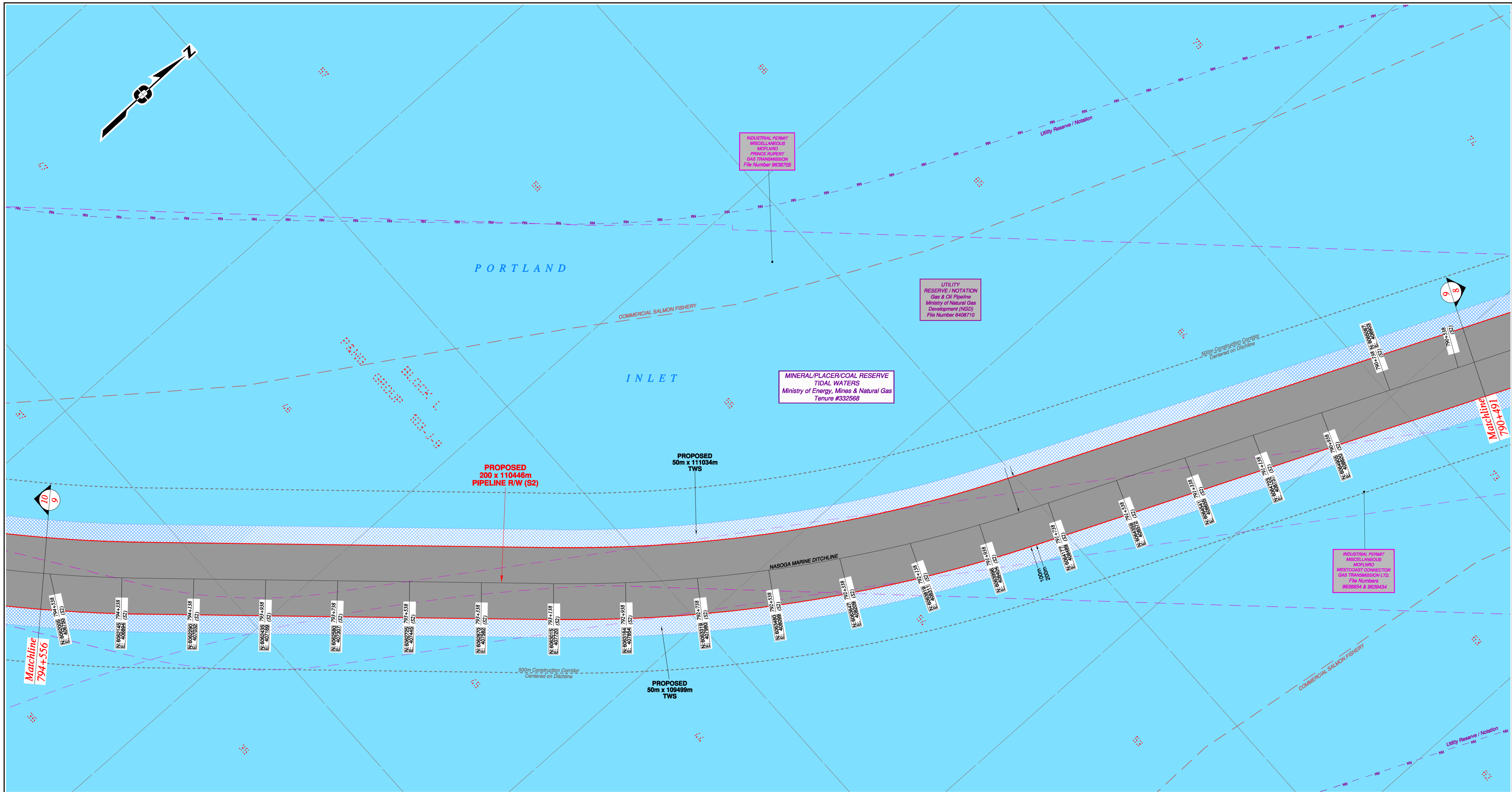
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

**FOCUS** Focus Surveys (BC) Limited Partnership  
10715 - 100th Avenue, Fort St. John, BC V1J 1Z3, 250.757.0300, www.focus.ca

**FOCUS:** 130275CP07R1  
**AFL:** 5005948  
**TCPL:** 004776-09-ML-03-202  
**ePASS:** 10048831

Sheet 8 of 28 **REV. 1**

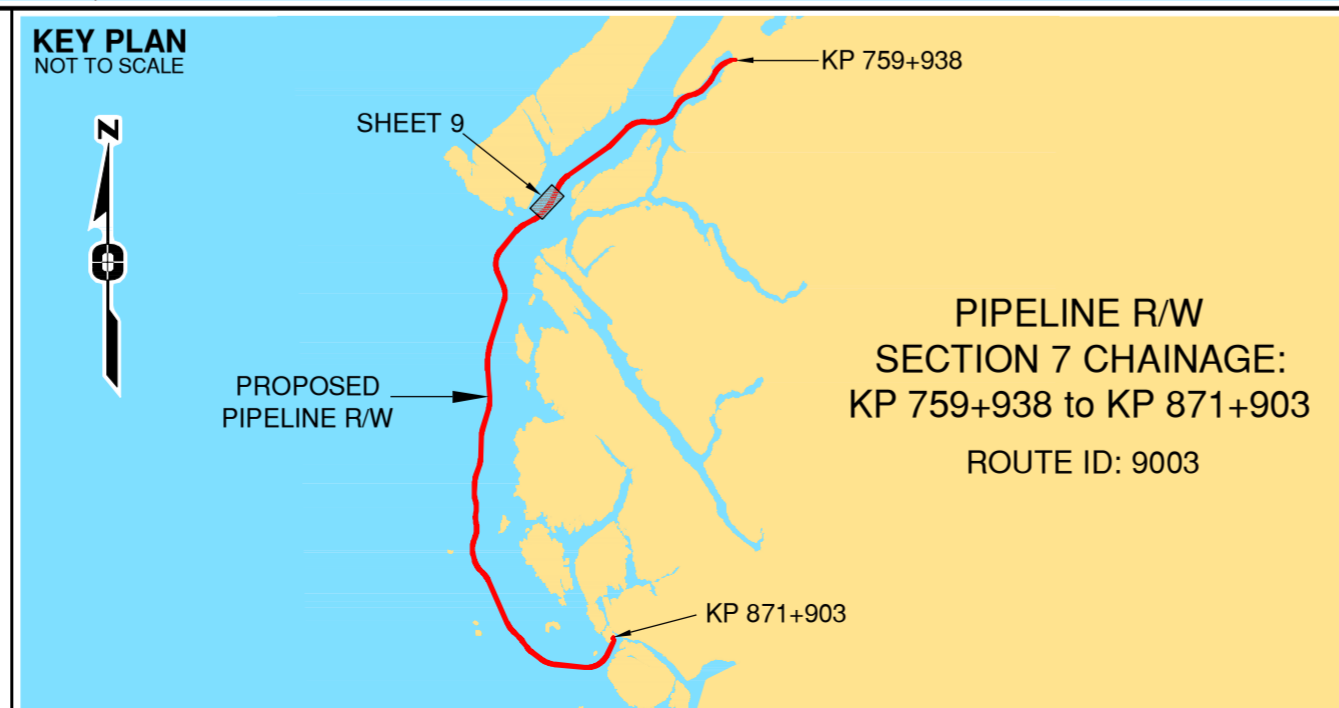


Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

NOTES:

- Co-ordinates are NAD 83 Grid, UTM Zone 9 and Zone 10. Distances shown are in metres and decimals thereof. Chainages are two-dimensional and are on pipeline ditchline. Pipeline segment length derived from ditchline chainages.
- Fault Lines data has been provided from BGC Engineering Inc. Desktop Study dated December 20, 2013.
- Water crossing information has been provided by Stantec. Wetlands data has been provided by Stantec dated August 29, 2014. Freshwater Atlas wetlands outside of construction corridor have been removed from scenery.
- Cutblock data is confirmed using information from the Government of BC websites for Forest MapView and MapBC.
- This pipeline section is not within the Agricultural Land Reserve.
- Field Survey Completed July 15, 2014
- This plan represents the best information available at the time of survey. Focus Surveys and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

LEGEND	
Proposed Pipeline R/W shown thus:	Fish/Wildlife Reserve body shown thus:
Proposed Temp. Workspaces shown thus:	Grazing Tenure body shown thus:
Proposed Log Decks & Storage Sites shown thus:	Mineral Claim body shown thus:
Right of Way shown thus:	Tree Farm Licence shown thus:
Roads shown thus:	Quarry Reserve body shown thus:
Highway shown thus:	Ungulate Winter Range body shown thus:
Railway line shown thus:	Visual Land Inventory shown thus:
Seismic line/trail shown thus:	Watershed Reserve body shown thus:
Recreation Tenure shown thus:	Wind Tenure body shown thus:
Drainages shown thus:	Woodlot body shown thus:
Buried cable shown thus:	Fault Line shown thus:
Buried pipe shown thus:	Misc Reserve/Notation body shown thus:
Overhead powerline shown thus:	Misc Licence/Permit body shown thus:
Riparian Reserve Zone shown thus:	Stantec Wetland / Classification shown thus:
Riparian Management Zone shown thus:	Crossings shown thus:
Forest Cover Reserve shown thus:	Old Growth Management Area shown thus:
Archaeological site shown thus:	Residences shown thus:
Agricultural Land Reserve body shown thus:	Power Pole shown thus:
Coal Tenure body shown thus:	
Cutblock body shown thus:	
Fence body shown thus:	



APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

**Prince Rupert Gas Transmission Project**

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 790+491 TO 794+556)

Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

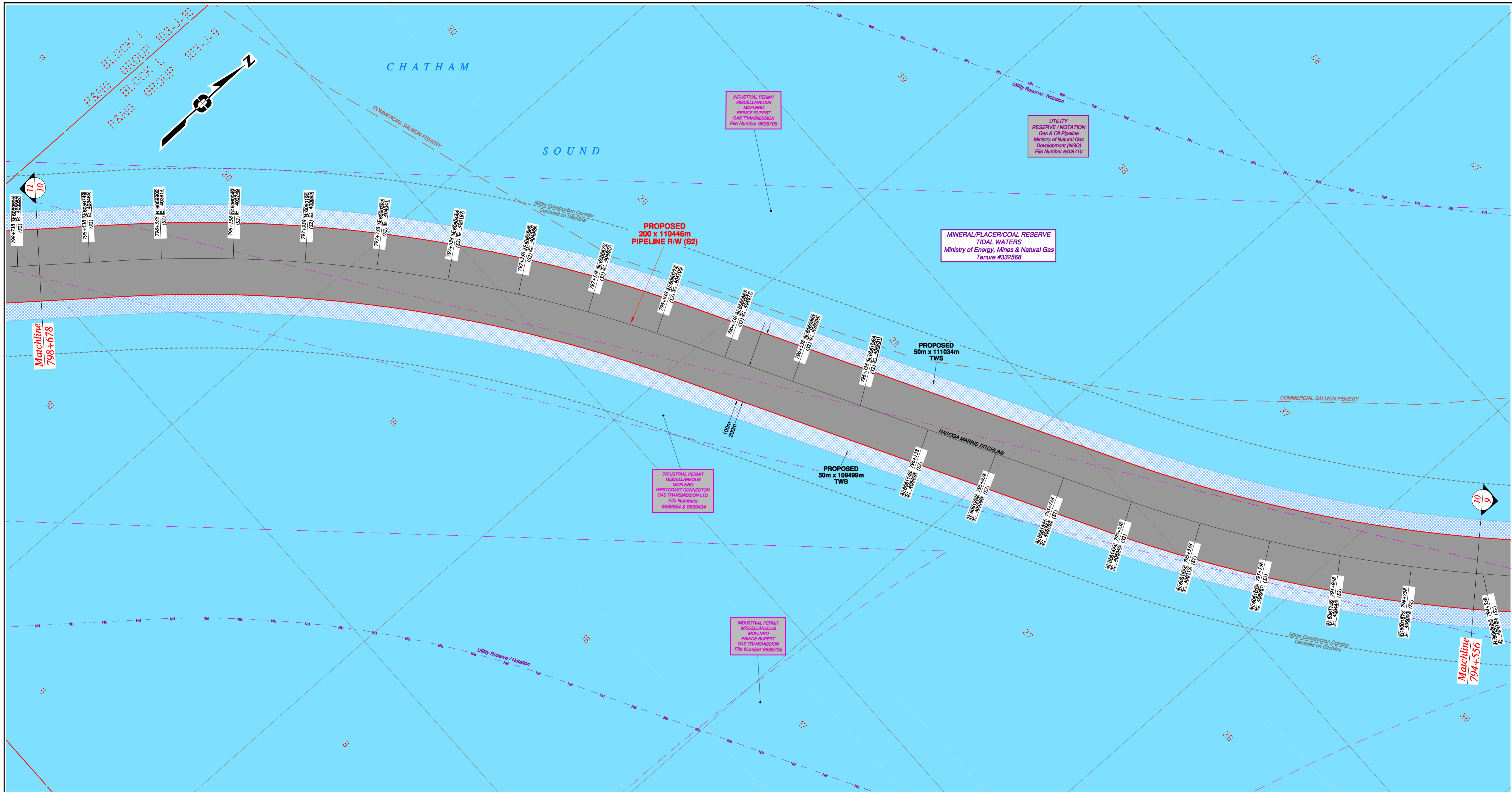
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

**FOCUS** Focus Surveys (BC) Limited Partnership  
10715 - 100th Avenue, Fort St. John, BC V1J 1Z3, 250.757.0300, www.focus.ca

**FOCUS:** 130275CP07R1  
**AFE:** 5005948  
**TCPL:** 004776-09-ML-03-203  
**ePASS:** 10048831

Sheet 9 of 28 **REV. 1**

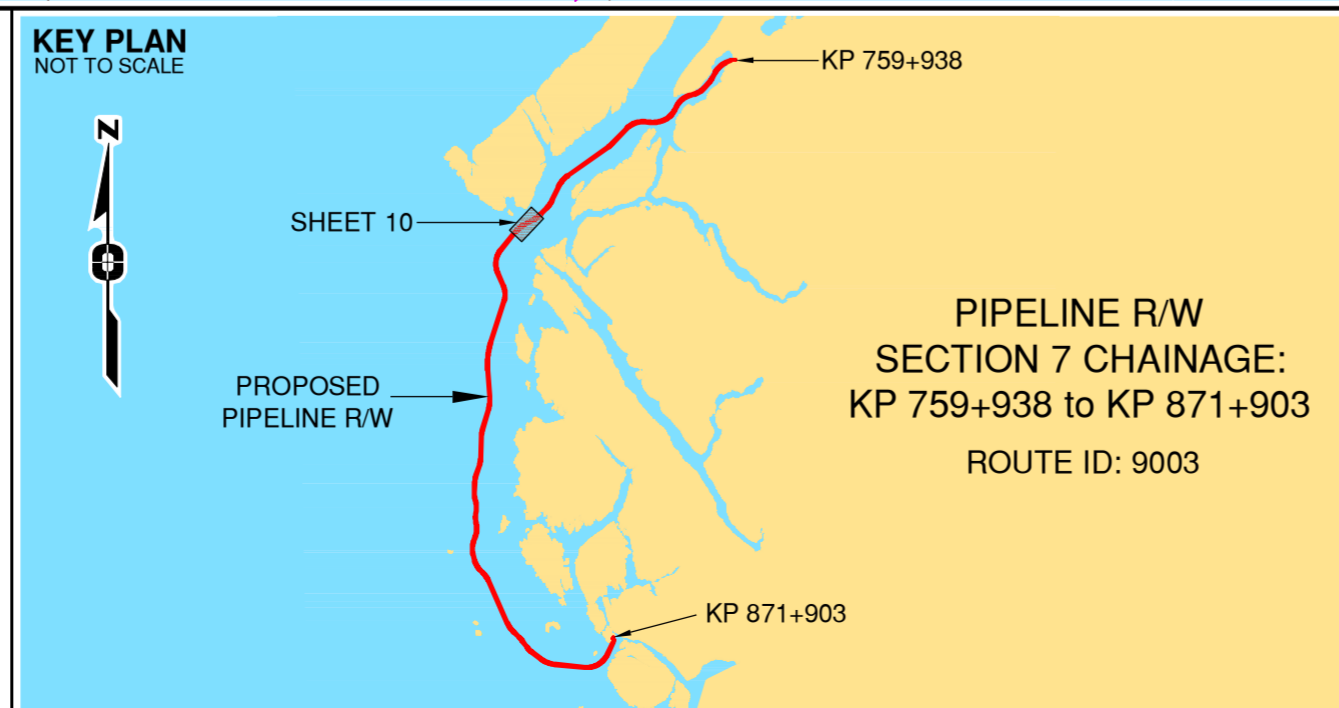


Rev	Revision Description	Date(Y.M/D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

NOTES:

- Co-ordinates are NAD 83 Grid, UTM Zone 9 and Zone 10. Distances shown are in metres and decimals thereof. Chainages are two-dimensional and are on pipeline ditchline. Pipeline segment length derived from ditchline chainages.
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- Water crossing information has been provided by Stantec. Wetlands data has been provided by Stantec dated August 29, 2014. Freshwater Atlas wetlands outside of construction corridor have been removed from scenery.
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- This pipeline section is not within the Agricultural Land Reserve.
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- This plan represents the best information available at the time of survey. Focus Surveys and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

LEGEND	
Proposed Pipeline R/W shown thus:	Fish/Wildlife Reserve body shown thus:
Proposed Temp. Workspaces shown thus:	Grazing Tenure body shown thus:
Proposed Log Decks & Storage Sites shown thus:	Mineral Claim body shown thus:
Right of Way shown thus:	Tree Farm Licence shown thus:
Roads shown thus:	Quarry Reserve body shown thus:
Highway shown thus:	Ungulate Winter Range body shown thus:
Railway line shown thus:	Visual Land Inventory shown thus:
Seismic line/trail shown thus:	Watershed Reserve body shown thus:
Recreation Tenure shown thus:	Wind Tenure body shown thus:
Drainages shown thus:	Woodlot body shown thus:
Buried cable shown thus:	Fault Line shown thus:
Buried pipe shown thus:	Misc. Reserve/Notation body shown thus:
Overhead powerline shown thus:	Misc. Licence/Permit body shown thus:
Riparian Reserve Zone shown thus:	Stantec Wetland / Classification shown thus:
Riparian Management Zone shown thus:	Crossings shown thus:
Forest Cover Reserve shown thus:	Old Growth Management Area shown thus:
Archaeological site shown thus:	Residences shown thus:
Agricultural Land Reserve body shown thus:	Power Pole shown thus:
Coal Tenure body shown thus:	
Cutblock body shown thus:	
Fence body shown thus:	



APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

**Prince Rupert Gas Transmission Project** *In business to deliver*

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 794+556 TO 798+678)

Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

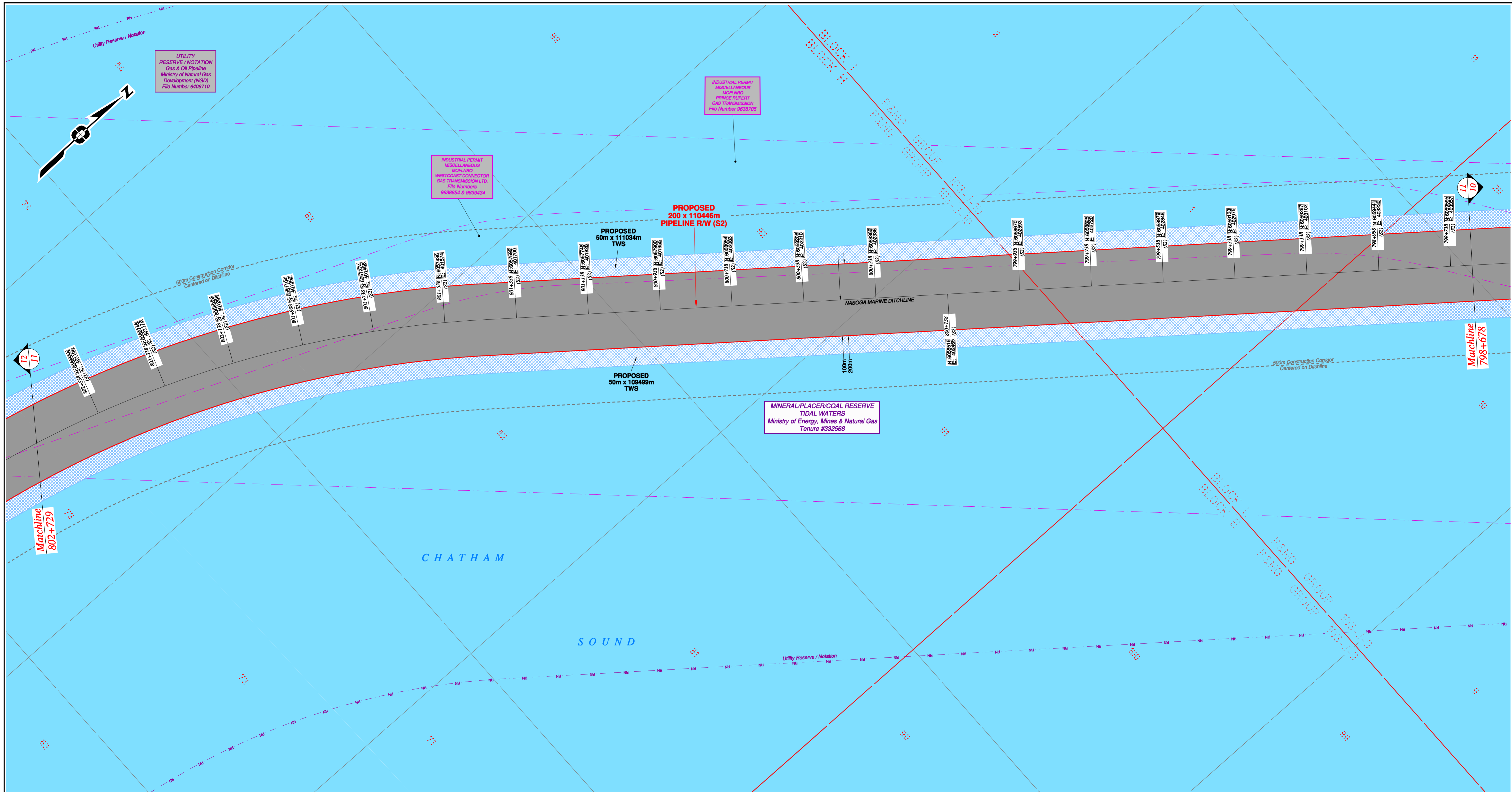
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

**FOCUS** Focus Surveys (BC) Limited Partnership  
10715 - 100th Avenue Fort St. John BC V1J 1Z3 250.757.0300 www.focus.ca

**FOCUS:** 130275CP07R1  
**AFE:** 5005948  
**TCPL:** 004776-09-ML-03-204  
**ePASS:** 10048831

Sheet 10 of 28 **REV. 1**

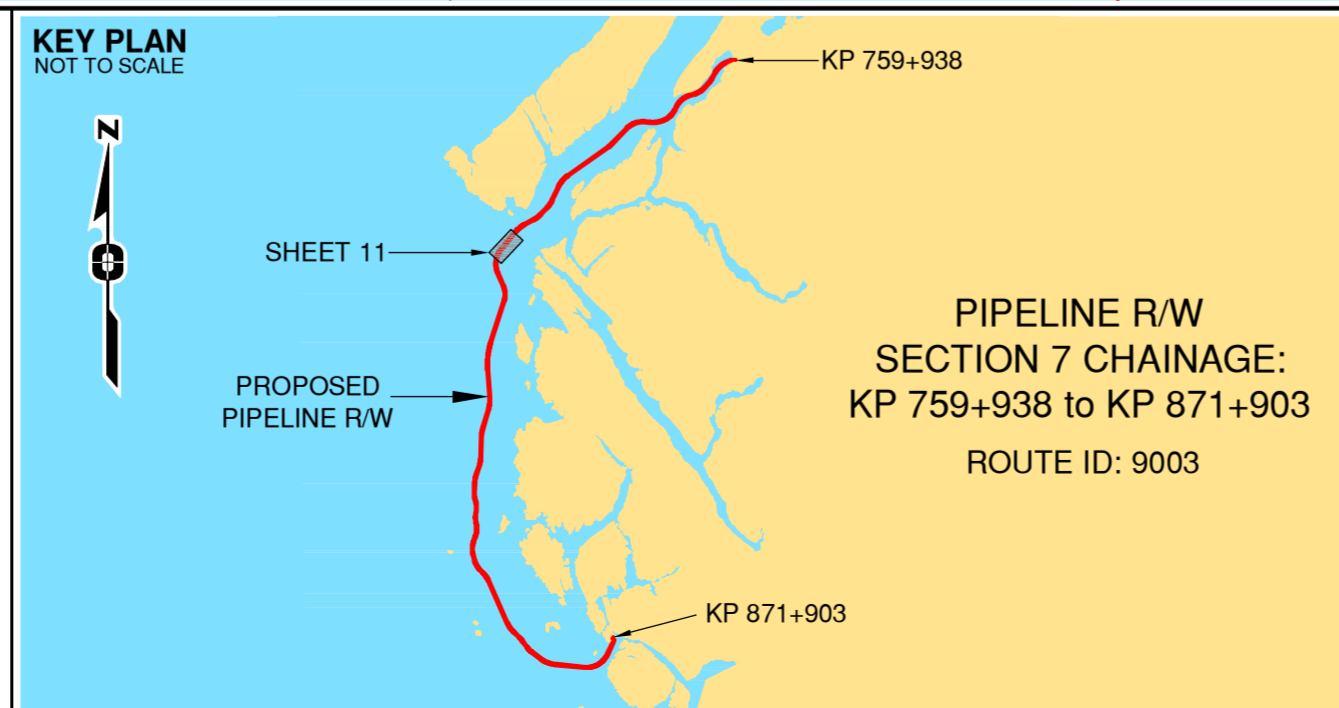


Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

NOTES:

- Co-ordinates are NAD 83 Grid, UTM Zone 9 and Zone 10. Distances shown are in metres and decimals thereof. Chainages are two-dimensional and are on pipeline ditchline. Pipeline segment length derived from ditchline chainages.
- Fault Lines data has been provided from BGC Engineering Inc. Desktop Study dated December 20, 2013.
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LEGEND	
Proposed Pipeline R/W shown thus:	Fish/Wildlife Reserve body shown thus:
Proposed Temp. Workspaces shown thus: TWS / TWS	Grazing Tenure body shown thus:
Proposed Log Decks & Storage Sites shown thus:	Mineral Claim body shown thus:
Right of Way shown thus:	Tree Farm Licence shown thus:
Roads shown thus:	Quarry Reserve body shown thus:
Highway shown thus:	Ungulate Winter Range body shown thus: UWR
Railway line shown thus:	Visual Land Inventory shown thus:
Seismic line/trail shown thus:	Watershed Reserve body shown thus:
Recreation Tenure shown thus:	Wind Tenure body shown thus:
Drainages shown thus:	Woodlot body shown thus:
Buried cable shown thus:	Fault Line shown thus:
Buried pipe shown thus:	Misc Reserve/Notation body shown thus:
Overhead powerline shown thus:	Misc Licence/Permit body shown thus:
Riparian Reserve Zone shown thus:	Stantec Wetland / Classification shown thus:
Riparian Management Zone shown thus:	Crossings shown thus:
Forest Cover Reserve shown thus:	Old Growth Management Area shown thus:
Archaeological site shown thus:	Residences shown thus:
Agricultural Land Reserve body shown thus: ALR	Power Pole shown thus:
Coal Tenure body shown thus:	
Cutblock body shown thus:	
Fence body shown thus:	



APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

**Prince Rupert Gas Transmission Project**

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 798+678 TO 802+729)

Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

**FOCUS** Focus Surveys (BC) Limited Partnership  
10715 - 100th Avenue, Fort St. John, BC V1J 1Z3, 250.757.0300, www.focus.ca

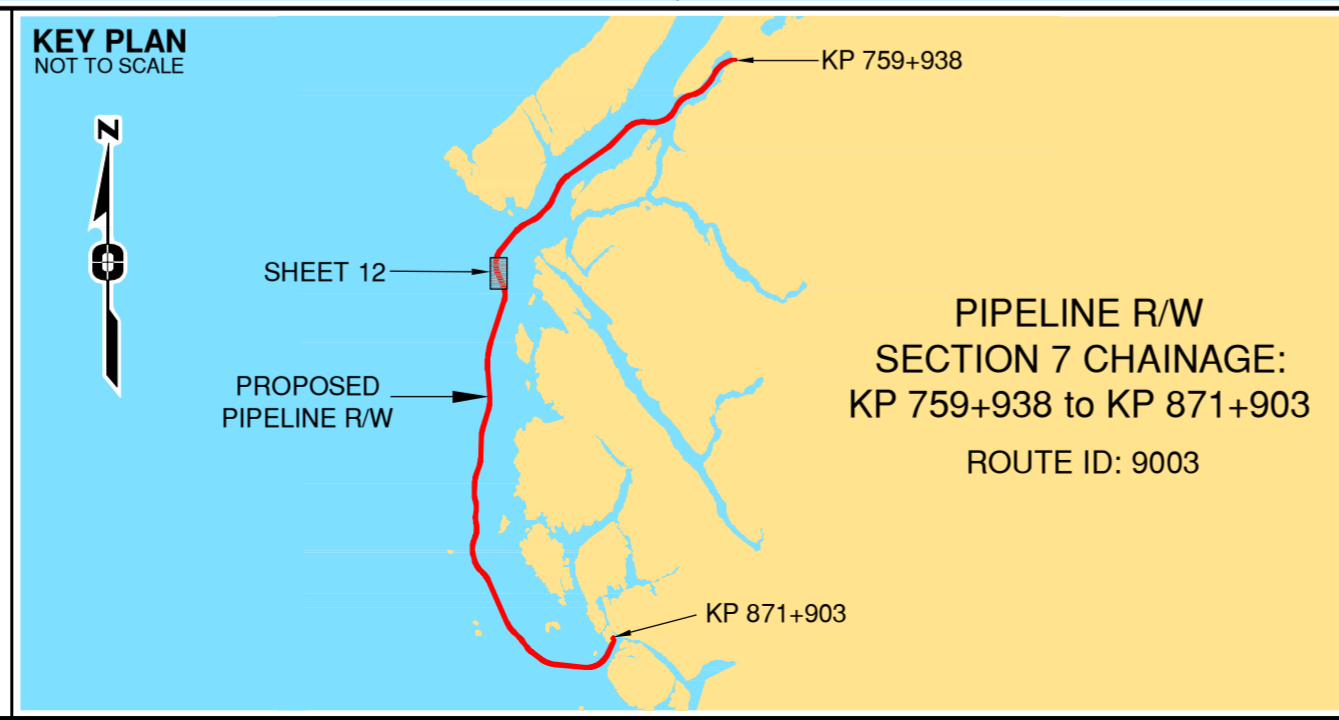
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**AFE:** 5005948  
**TCPL:** 004776-09-ML-03-205  
**ePASS:** 10048831

Sheet 11 of 28  
**REV. 1**



Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

LEGEND	
Proposed Pipeline R/W shown thus:	Fish/Wildlife Reserve body shown thus:
Proposed Temp. Workspaces shown thus:	Grazing Tenure body shown thus:
Proposed Log Decks & Storage Sites shown thus:	Mineral Claim body shown thus:
Right of Way shown thus:	Tree Farm Licence shown thus:
Roads shown thus:	Quarry Reserve body shown thus:
Highway shown thus:	Ungulate Winter Range body shown thus:
Railway line shown thus:	Visual Land Inventory shown thus:
Seismic line/trail shown thus:	Watershed Reserve body shown thus:
Recreation Tenure shown thus:	Wind Tenure body shown thus:
Drainages shown thus:	Woodlot body shown thus:
Buried cable shown thus:	Fault Line shown thus:
Buried pipe shown thus:	Misc. Reserve/Notation body shown thus:
Overhead powerline shown thus:	Misc. Licence/Permit body shown thus:
Riparian Reserve Zone shown thus:	Stantec Wetland / Classification shown thus:
Riparian Management Zone shown thus:	Crossings shown thus:
Forest Cover Reserve shown thus:	Old Growth Management Area shown thus:
Archaeological site shown thus:	Residences shown thus:
Agricultural Land Reserve body shown thus:	Power Pole shown thus:
Coal Tenure body shown thus:	
Cutback body shown thus:	
Fence body shown thus:	



APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

**Prince Rupert Gas Transmission Project** *In business to deliver*

**PRINCE RUPERT GAS TRANSMISSION LTD.**

PROPOSED 32m (S1 & S3) & 200m (S2) PIPELINE R/W FROM b-64-H TO b-65-H, 103-J-16 (S1), b-65-H, 103-J-16 TO a-33-K, 103-J-1 (S2), a-33-K TO d-33-K, 103-J-1 (S3) (SHEET CHAINAGE: 802+729 TO 806+930)

Unsurveyed Crown Land/Crown Land/Private Land Range 5 Coast District

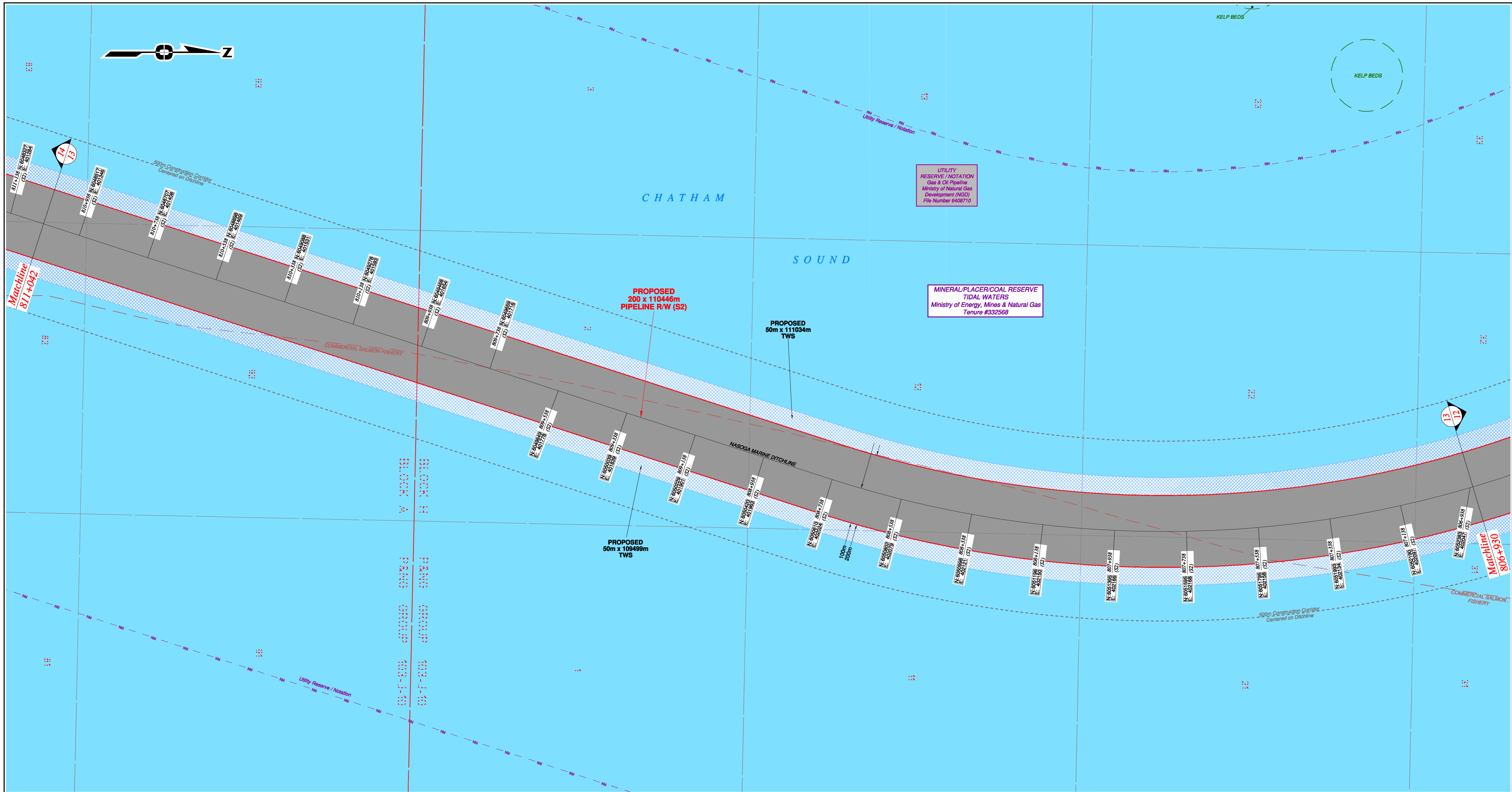
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 103J.019 / 019 / 028 / 038 / 048 / 058 / 068 / 078 / 079 / 089 / 090

**FOCUS** Focus Surveys (BC) Limited Partnership  
10715 - 100th Avenue Fort St. John BC V1J 1Z3 250.757.0300 www.focus.ca

**FOCUS:** 130275CP07R1  
**AFE:** 5005948  
**TCPL:** 004776-09-ML-03-206  
**ePASS:** 10048831

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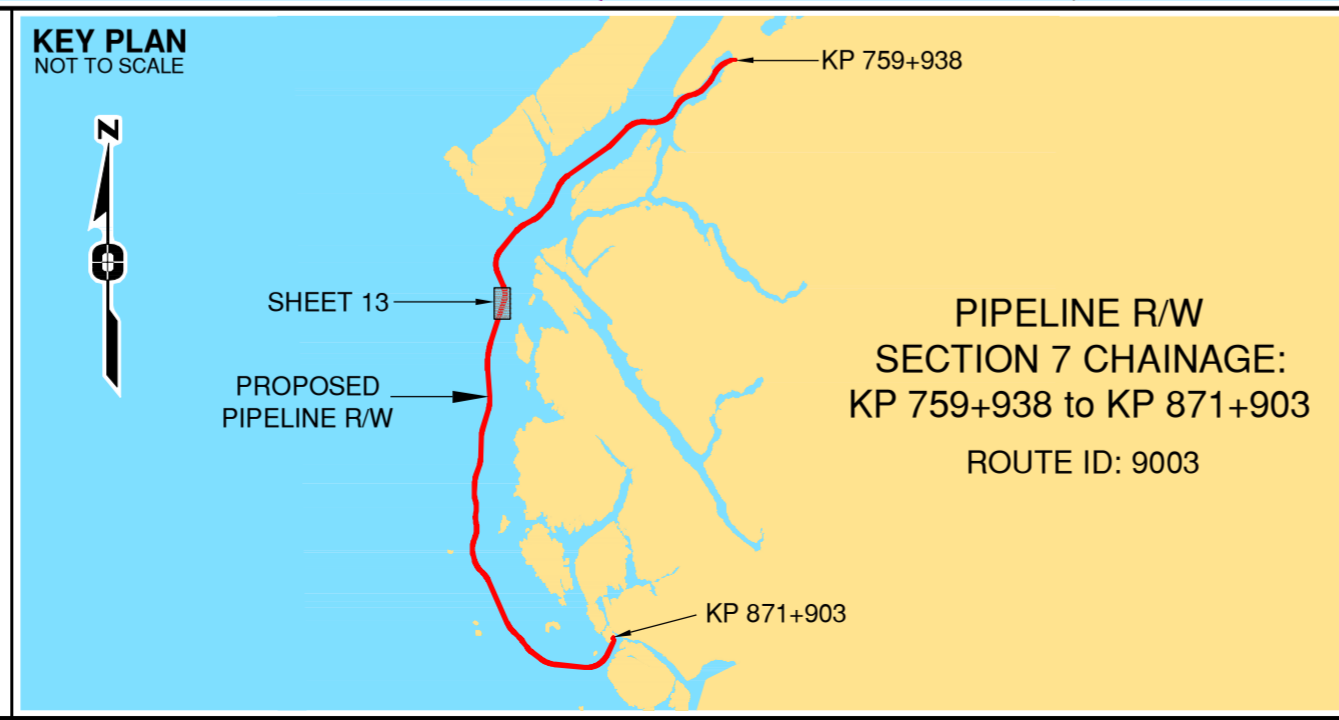


Rev	Revision Description	Date(Y.M.D)	By
0	Original Plan Prepared	2014/09/19	DC
1	Construction Plan Based on Rev.0 (2014/09/12) Except for New Construction Corridor: Shape, Label, Area Table & ePass	2014/12/31	DC

NOTES:

- Co-ordinates are NAD 83 Grid, UTM Zone 9 and Zone 10. Distances shown are in metres and decimals thereof. Chainages are two-dimensional and are on pipeline ditchline. Pipeline segment length derived from ditchline chainages.
- Fault Lines data has been provided from BGC Engineering Inc. Desktop Study dated December 20, 2013.
- Water crossing information has been provided by Stantec. Wetlands data has been provided by Stantec dated August 29, 2014. Freshwater Atlas wetlands outside of construction corridor have been removed from scenery.
- Cutblock data is confirmed using information from the Government of BC websites for Forest MapView and MapBC.
- This pipeline section is not within the Agricultural Land Reserve.
- Field Survey Completed July 15, 2014
- This plan represents the best information available at the time of survey. Focus Surveys and its employees take no responsibility for the location of any underground conduits, pipes, or other facilities whether shown on or omitted from this plan. All underground installations should be located by the respective authorities prior to construction.

LEGEND	
Proposed Pipeline R/W shown thus:	Fish/Wildlife Reserve body shown thus:
Proposed Temp. Workspaces shown thus: TWS / TWS	Grazing Tenure body shown thus:
Proposed Log Decks & Storage Sites shown thus:	Mineral Claim body shown thus:
Right of Way shown thus:	Tree Farm Licence shown thus:
Roads shown thus:	Quarry Reserve body shown thus:
Highway shown thus:	Ungulate Winter Range body shown thus: UWR
Railway line shown thus:	Visual Land Inventory shown thus:
Seismic line/trail shown thus:	Watershed Reserve body shown thus:
Recreation Tenure shown thus:	Wind Tenure body shown thus:
Drainages shown thus:	Woodlot body shown thus:
Buried cable shown thus:	Fault Line shown thus:
Buried pipe shown thus:	Misc. Reserve/Notation body shown thus:
Overhead powerline shown thus:	Misc. Licence/Permit body shown thus:
Riparian Reserve Zone shown thus:	Stantec Wetland / Classification shown thus:
Riparian Management Zone shown thus:	Crossings shown thus:
Forest Cover Reserve shown thus:	Old Growth Management Area shown thus:
Archaeological site shown thus:	Residences shown thus:
Agricultural Land Reserve body shown thus: ALR	Power Pole shown thus:
Coal Tenure body shown thus:	
Cutblock body shown thus:	
Fence body shown thus:	



APPROVED BY \_\_\_\_\_

PROJECT ENGINEER \_\_\_\_\_

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 9	OWNER
<b>TABLE OF CROSSINGS</b>				

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