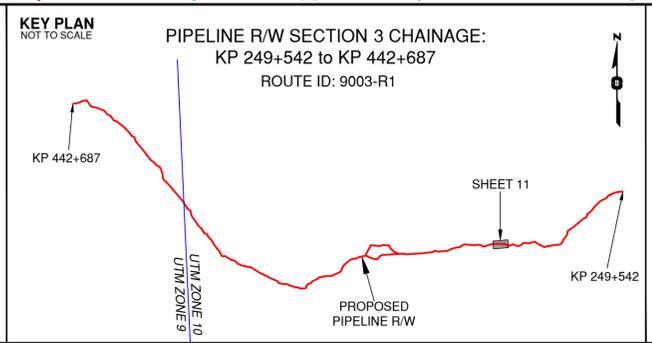


Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	DC

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:
Misc Reserve/Notation bdy shown thus:	Misc Licence/Permit bdy shown thus:
Overhead powerline shown thus:	Riparian Reserve Zone shown thus:
Stantec Wetland / Classification shown thus:	Crossings shown thus:
Riparian Management Zone shown thus:	Old Growth Management Area shown thus:
Forest Cover Reserve shown thus:	Residences shown thus:
Archaeological site shown thus:	Culturally Modified Trees with Face shown thus:
Agricultural Land Reserve bdy shown thus:	
Coal Tenure bdy shown thus:	
Cutblock bdy shown thus:	
Fence bdy shown thus:	



APPROVED BY _____

PROJECT ENGINEER _____

No.	STATION	DESCRIPTION	OWNER
W01402	(S1)293+426	Trib to Grostete Creek / S6 / RRZ = 0 RMZ = 20	N 6084909 E 393030 ILMB
W01401	(S1)293+069	Trib to Grostete Creek / No visible channel	N 6084905 E 393387 ILMB
T00268	(S1)292+737	Forestry Road / LGGR / R01522 M	N 6084893 E 393718 Conifex Inc
W01400	(S1)292+647	Trib to Grostete Creek / No visible channel	N 6084889 E 393808 ILMB
W01399	(S1)291+391	Trib to Haldudatehli Creek / S4 / RRZ = 0 RMZ = 30	N 6084744 E 395052 ILMB
W01398	(S1)291+202	Trib to Haldudatehli Creek / S6 / RRZ = 0 RMZ = 20	N 6084706 E 395237 ILMB
W01397	(S1)290+979	Trib to Haldudatehli Creek / S4 / RRZ = 0 RMZ = 30	N 6084705 E 395469 ILMB
W01396	(S1)290+306	Trib to Haldudatehli Creek / S4 / RRZ = 0 RMZ = 30	N 6084694 E 396122 ILMB
T00265	(S1)290+226	Trail / Condition Unknown	N 6084651 E 396190 Crown
T00265	(S1)289+993	Trail / Condition Unknown	N 6084526 E 396387 Crown
W01395	(S1)289+840	Trib to Haldudatehli Creek / S6 / RRZ = 0 RMZ = 20	N 6084445 E 396516 ILMB
W01394	(S1)289+488	Trib to Haldudatehli Creek / No visible channel	N 6084256 E 396813 ILMB
T01093	(S1)289+371	Trail / Condition Unknown	N 6084200 E 396958 Crown
W01393	(S1)289+327	Trib to Haldudatehli Creek / S6 / RRZ = 0 RMZ = 20	N 6084191 E 396958 ILMB
No.			NAD 83 UTM ZONE 10 OWNER

Prince Rupert Gas Transmission Project

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PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 289+292 TO 293+441)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & Range 5 Coast District

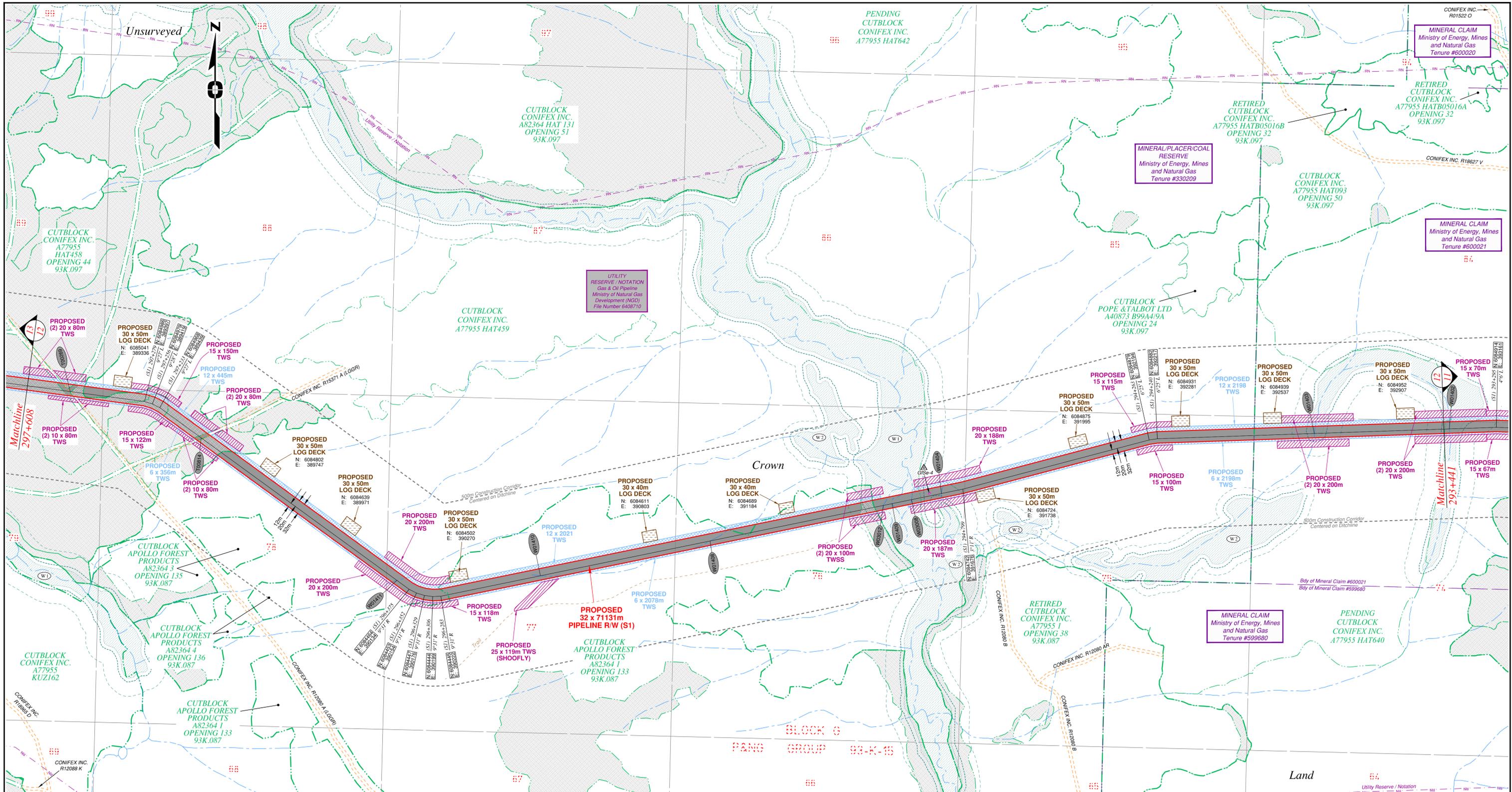
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS:93K.081,82,83,84,85,86,87,88,89,91,94,95,96,97,99,100 / 93M.010,20,28,29,30,38 / 93N.001,10

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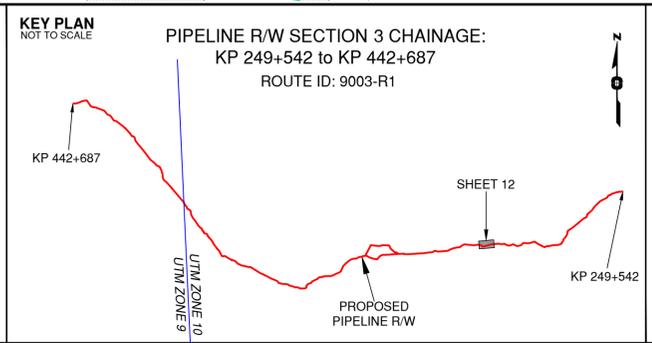
WSP: 130275CP03R1
AFE: 5005948
TCPL: 004776-09-ML-03-073
ePASS: 10050542

REV. 1



Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	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:
Overhead powerline shown thus:	Misc Reserve/Notation bdy shown thus:
Riparian Reserve Zone shown thus:	Misc Licence/Permit bdy shown thus:
Riparian Management Zone shown thus:	Stantec Wetland / Classification shown thus:
Forest Cover Reserve shown thus:	Crossings shown thus:
Archaeological site shown thus:	Old Growth Management Area shown thus:
Agricultural Land Reserve bdy shown thus:	Residences shown thus:
Coal Tenure bdy shown thus:	Culturally Modified Trees with Face shown thus:
Cutblock bdy shown thus:	
Fence bdy shown thus:	



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PROJECT ENGINEER _____

No.	STATION	DESCRIPTION	OWNER
T00269	(S1)297+488	Forestry Road / LGGR / R12080 A	N 6085013 E 389190 Conifex Inc
T00814	(S1)297+091	Forestry Road / LGGR / R15371 A	N 6084885 E 389554 Conifex Inc
W01411	(S1)296+417	Trib to Grostete Creek / No visible channel	N 6084469 E 390100 ILMB
W01410	(S1)296+000	Trib to Grostete Creek / No visible channel	N 6084501 E 390499 ILMB
W01408	(S1)295+518	Trib to Grostete Creek / No visible channel	N 6084598 E 390071 ILMB
W00012	(S1)295+025	Tributary to Grostete Creek	N 6084697 E 391454 ILMB
W01409	(S1)295+000	Trib to Grostete Creek / S2 / RRZ = 30 / RMZ = 20	N 6084702 E 391478 ILMB
W03008	(S1)294+945	Tributary to Grostete Creek	N 6084713 E 391532 ILMB
W01404	(S1)294+860	Trib to Grostete Creek / S4 / RRZ = 0 / RMZ = 30	N 6084730 E 391616 ILMB
W01403	(S1)293+802	Trib to Grostete Creek / S4 / RRZ = 0 / RMZ = 30	N 6084897 E 392654 ILMB
No.			NAD 83 UTM ZONE 10 OWNER

TABLE OF CROSSINGS

Prince Rupert Gas Transmission Project

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PRINCE RUPERT GAS TRANSMISSION LTD.

PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 293+441 TO 297+608)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & Range 5 Coast District

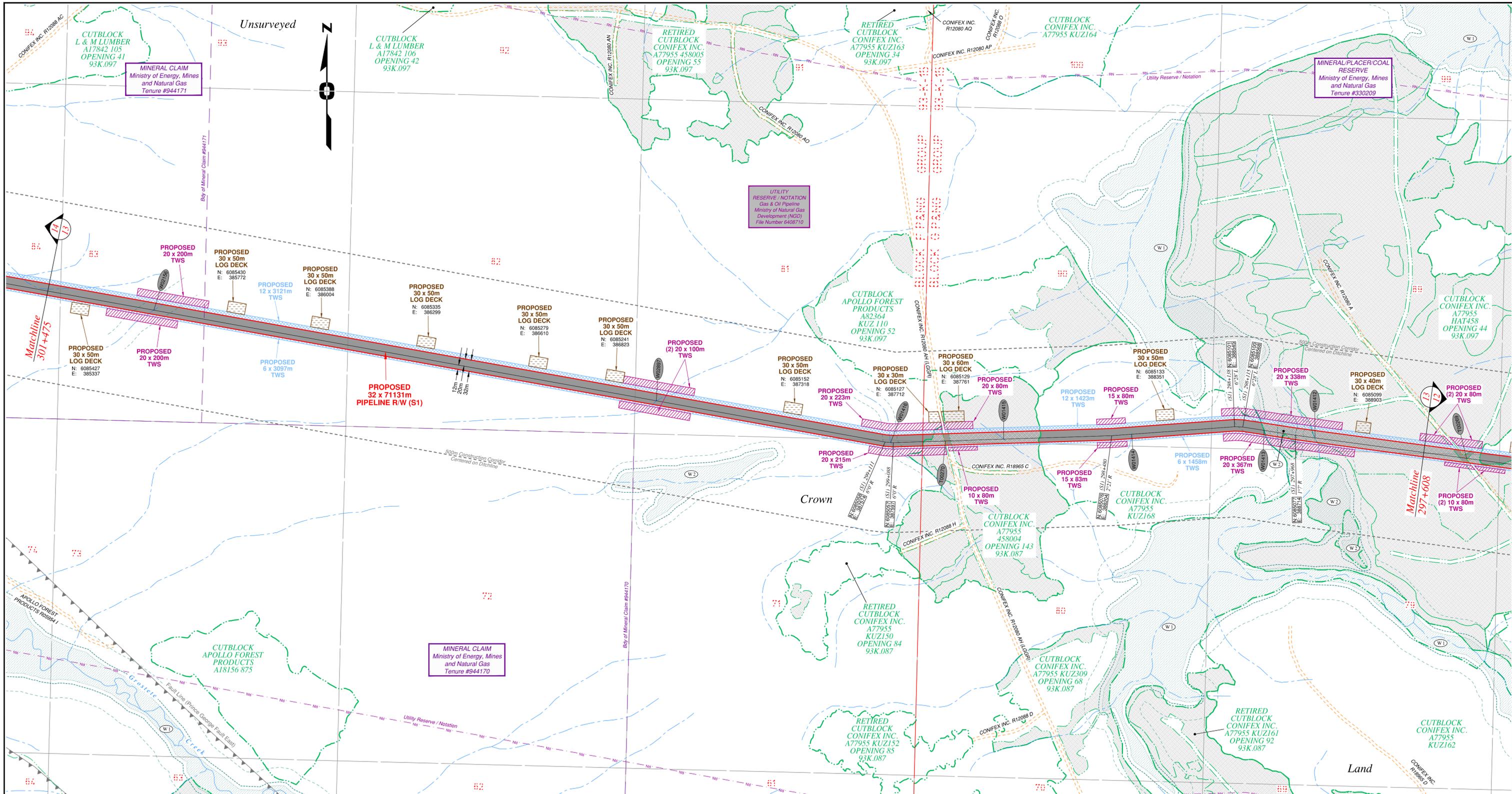
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS:93K.081.82,83,84,85,86,87,88,89,91,94,95,96,97,99,100 / 93M.010.20,28,29,30,38 / 93N.001,10

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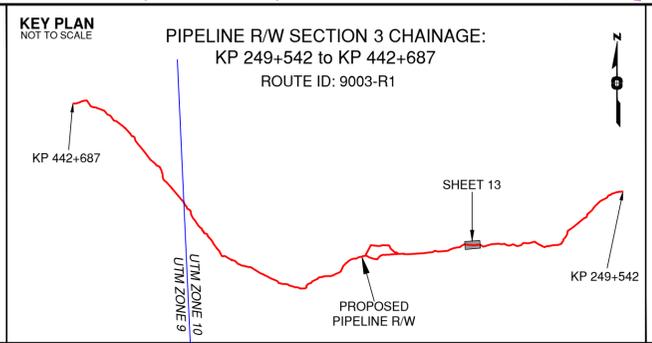
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ATF: 5005948
TCPL: 004776-09-ML-03-074
ePASS: 10050542

REV. 1



Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	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:	Woodlot bdy shown thus:
Drainages shown thus:	Fault Line shown thus:
Buried cable 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:	Culturally Modified Trees with Face shown thus:
Coal Tenure bdy shown thus:	
Cutblock bdy shown thus:	
Fence bdy shown thus:	



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PROJECT ENGINEER _____

STATION	DESCRIPTION	OWNER		
W02156	(S1)301+175 Trib to Grosstete Creek / S4 / RRZ - 30 RMZ - 20	N 6085424 E 385542 ILMB		
W02897	(S1)299+756 Trib to Grosstete Creek / Non-classified drainage	N 6085173 E 386939 ILMB		
W01416	(S1)299+095 Trib to Grosstete Creek / S6 / RRZ - 0 RMZ - 20	N 6085057 E 387590 ILMB		
T00270	(S1)298+943 Forestry Road / LGGR / R12080 AH	N 6085061 E 387742 Conifex Inc.		
W01415	(S1)298+781 Trib to Grosstete Creek / No visible channel	N 6085066 E 387904 ILMB		
W01414	(S1)298+425 Trib to Grosstete Creek / No visible channel	N 6085080 E 388259 ILMB		
W01413	(S1)297+056 Trib to Grosstete Creek / Non-classified drainage	N 6085091 E 388627 ILMB		
W01412	(S1)297+913 Trib to Grosstete Creek / No visible channel	N 6085070 E 388769 ILMB		
No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10	OWNER

Prince Rupert Gas Transmission Project

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PRINCE RUPERT GAS TRANSMISSION LTD.

PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 297+608 TO 301+475)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & Range 5 Coast District

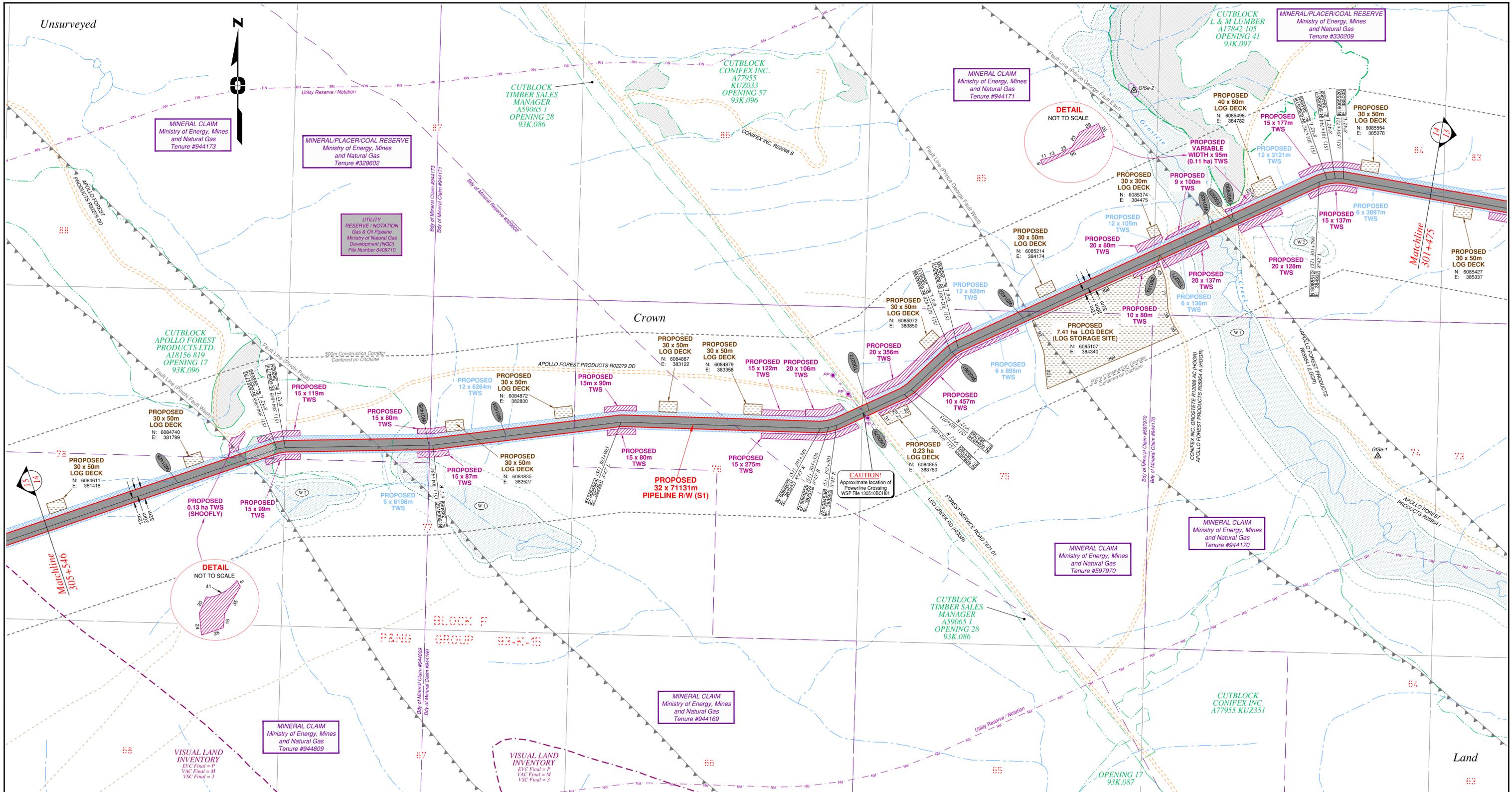
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BCGS:93K.081,82,83,84,85,86,87,88,89,91,94,95,96,97,99,100 / 93M.010,20,28,29,30,38 / 93N.001,10 Sheet 13 of 51

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WSP: 130275CP03R1
AFE: 5005948
TCPL: 004776-09-ML-03-075
ePASS: 10050542

REV. 1

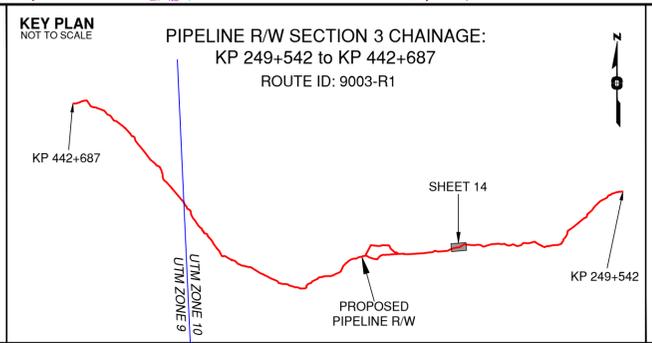


Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	DC

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 December 15, 2014
- This plan represents the best information available at the time of survey. WSP 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:
Proposed Temp. Workspaces shown thus: TWS / TWS
Proposed Log Decks & Storage Sites shown thus:
Right of Way shown thus:
Roads shown thus:
Highway shown thus:
Railway line shown thus:
Seismic line/trail shown thus:
Recreation Tenure shown thus:
Drainages shown thus:
Buried cable shown thus:
Fault Line shown thus:
Misc Reserve/Notation body shown thus:
Overhead powerline shown thus:
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Agricultural Land Reserve body shown thus:
Coal Tenure body shown thus:
Cutblock body shown thus:
Fence body shown thus:
Fish/Wildlife Reserve body shown thus:
Grazing Tenure body shown thus:
Mineral Claim body shown thus:
Tree Farm Licence shown thus:
Quarry Reserve body shown thus:
Ungulate Winter Range body shown thus:
Visual Land Inventory shown thus:
Watershed Reserve body shown thus:
Wind Tenure body shown thus:
Woodlot body shown thus:
Misc Reserve/Notation body shown thus:
Misc Licence/Permit body shown thus:
Stantec Wetland / Classification shown thus:
Crossings shown thus:
Old Growth Management Area shown thus:
Residences shown thus:
Culturally Modified Trees with Face shown thus:



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PROJECT ENGINEER _____

No.	STATION	DESCRIPTION	OWNER
W01426	(S1)305+160	Trib to Inzana Creek / No visible channel	N 6084676 E 381756 ILMB
W01425	(S1)304+445	Trib to Inzana Creek / No visible channel	N 6084780 E 382455 ILMB
W01424	(S1)304+228	Trib to Inzana Creek / No visible channel	N 6084905 E 382671 ILMB
U00079	(S1)303+220	Powerline / Overhead Powerline / 2 wires	N 6084870 E 383667 BC Hydro
T00279	(S1)303+294	Forest Service Road (Leo Creek) / HGGR / FSR 7671 01	N 6084877 E 383962 District Mgr. Fort St. James
W02591	(S1)302+917	Trib to Grostete Creek / Non-classified drainage	N 6085040 E 383914 ILMB
W01422	(S1)302+698	Trib to Grostete Creek / Non-classified drainage	N 6085134 E 384111 ILMB
T01092	(S1)302+279	Forestry Road / HGGR / R12088 AC (Pending)	N 6085308 E 384493 Conifex Inc.
T00271	(S1)302+279	Forestry Road (Grosete) / HGGR / R05954 A	N 6085308 E 384493 Apollo Forest Products Ltd
W01420	(S1)302+119	Grostete Creek / S3 / RRZ = 20 RMZ = 20	N 6085375 E 384638 ILMB
T00923	(S1)302+056	Forestry Road / LGGR / R05954 I	N 6085401 E 384696 Apollo Forest Products Ltd
W02990	(S1)302+053	Trib to Grostete Creek / S4 / RRZ = 0 RMZ = 30	N 6085402 E 384698 ILMB
No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10 OWNER

TABLE OF CROSSINGS

Prince Rupert Gas Transmission Project

PRINCE RUPERT GAS TRANSMISSION LTD.

PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 301+475 TO 305+546)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & Range 5 Coast District

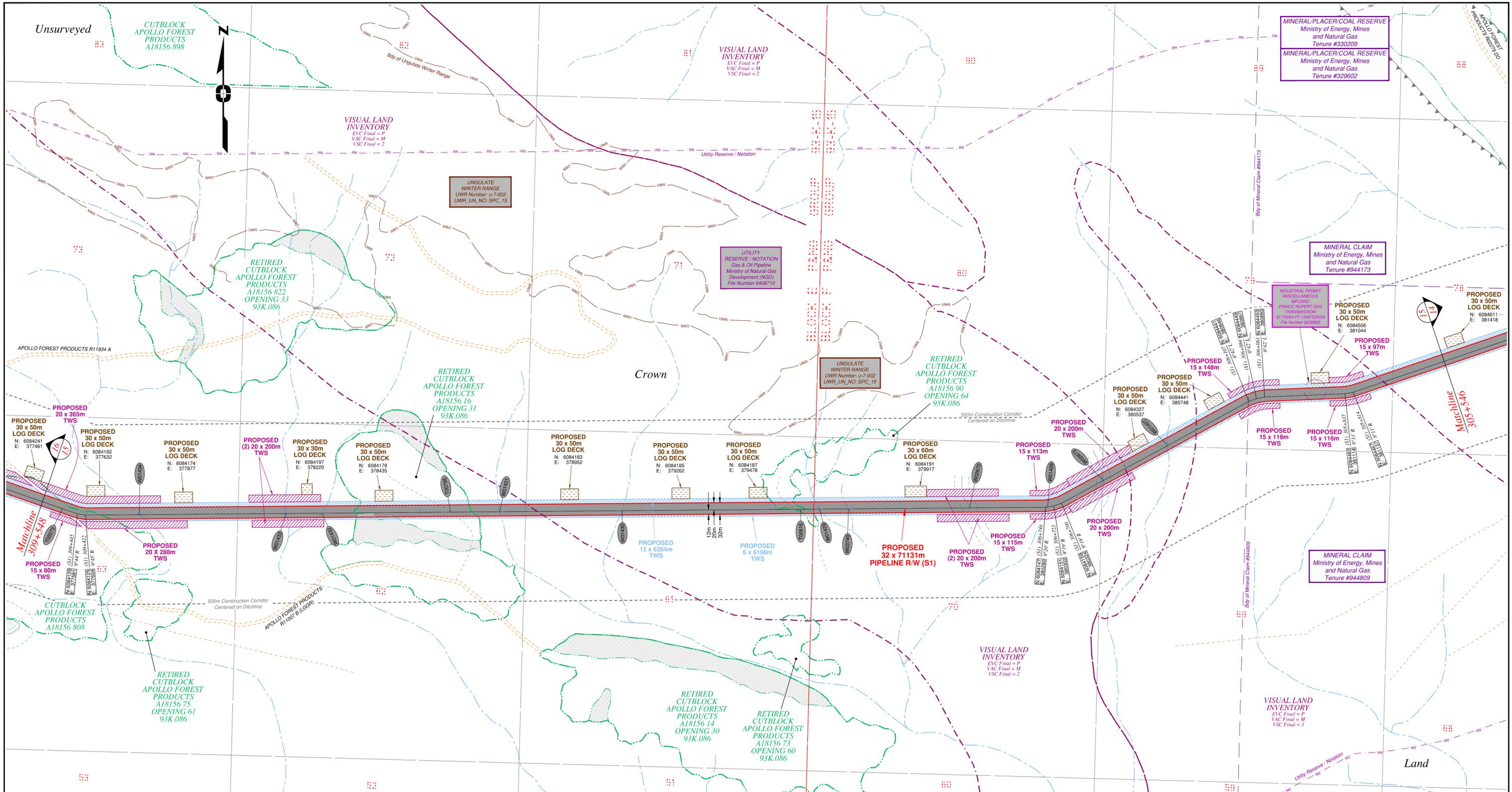
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 93K.081, 82, 83, 84, 85, 86, 87, 88, 89, 91, 94, 95, 96, 97, 99, 100 / 93M.010, 20, 28, 29, 30, 38 / 93N.001, 10, 51

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WSP: 130275CP03R1
AFE: 5005948
TCPL: 004776-09-ML-03-076
ePASS: 10050542

REV. 1

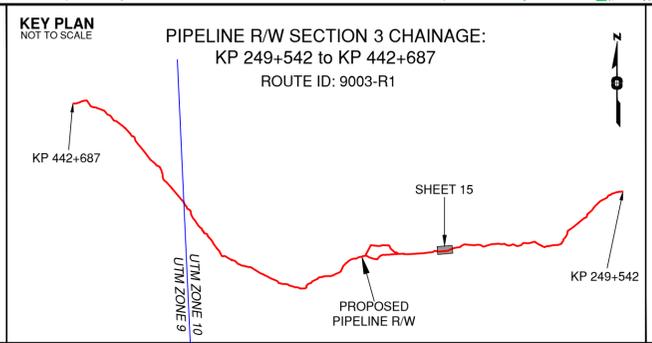


Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	DC

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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LEGEND
Proposed Pipeline R/W shown thus:
Proposed Temp. Workspaces shown thus:
Proposed Log Decks & Storage Sites shown thus:
Right of Way shown thus:
Roads shown thus:
Highway shown thus:
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Tree Farm Licence shown thus:
Quarry Reserve body shown thus:
Ungulate Winter Range body shown thus:
Visual Land Inventory shown thus:
Watershed Reserve body shown thus:
Wind Tenure body shown thus:
Woodlot body shown thus:
Misc Licence/Permit body shown thus:
Stantec Wetland / Classification shown thus:
Crossings shown thus:
Old Growth Management Area shown thus:
Residences shown thus:
Power Pole shown thus:
Culturally Modified Trees with Face shown thus:



APPROVED BY _____

PROJECT ENGINEER _____

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10	OWNER
T00273	(S1)309+490	Forestry Road / LGFR / R11007 B	N 6084144 E 377530	Apollo Forest Products Ltd
W01434	(S1)309+272	Trib to Trembleur Lake / Non-classified drainage	N 6084126 E 377754	ILMB
W01433	(S1)308+864	Trib to Trembleur Lake / Non-classified drainage	N 6084130 E 378162	ILMB
W01432	(S1)308+763	Trib to Trembleur Lake / No visible channel	N 6084131 E 378263	ILMB
T00795	(S1)308+405	Trail / Condition Unknown	N 6084134 E 378621	Crown
W01431	(S1)308+268	Trib to Trembleur Lake / No visible channel	N 6084135 E 378758	ILMB
W01430	(S1)307+927	Trib to Trembleur Lake / No visible channel	N 6084137 E 378999	ILMB
T00816	(S1)307+429	Trail / Condition Unknown	N 6084142 E 379597	Crown
W01429	(S1)307+377	Trib to Trembleur Lake / No visible channel	N 6084142 E 379649	ILMB
W03749	(S1)307+296	Trib to Trembleur Lake / No visible channel	N 6084143 E 379730	ILMB
W02670	(S1)306+958	Trib to Trembleur Lake / S6 / RRZ = 0 RMZ = 20	N 6084145 E 380068	ILMB
W01428	(S1)306+740	Trib to Trembleur Lake / No visible channel	N 6084148 E 380285	ILMB
W02873	(S1)306+567	Trib to Trembleur Lake / S6 / RRZ = 0 RMZ = 20	N 6084222 E 380441	ILMB
W01427	(S1)306+364	Trib to Trembleur Lake / No visible channel	N 6084119 E 380619	ILMB
No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10	OWNER

TABLE OF CROSSINGS

Prince Rupert Gas Transmission Project

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PRINCE RUPERT GAS TRANSMISSION LTD.

PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 305+546 TO 309+548)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & Range 5 Coast District

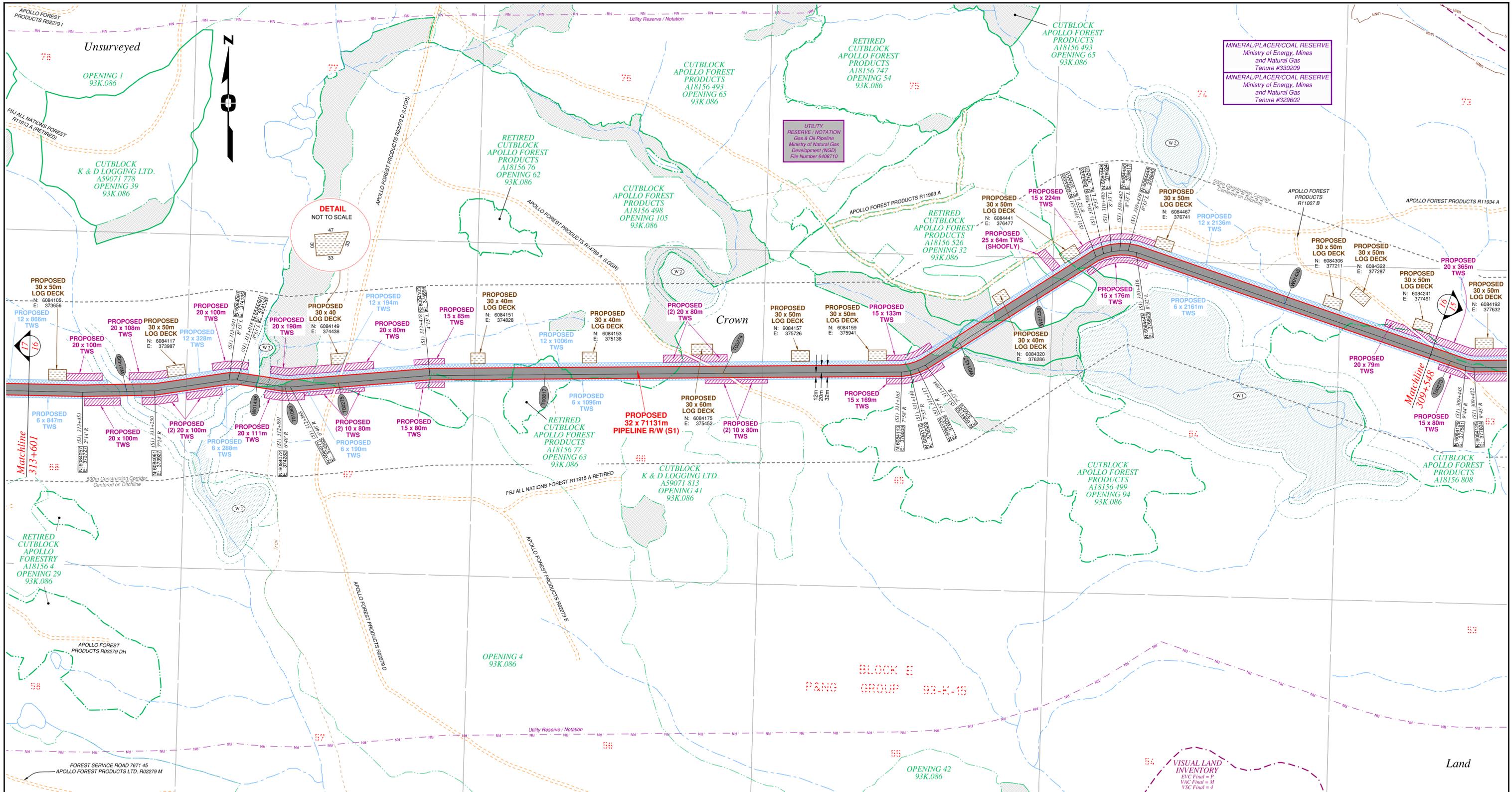
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

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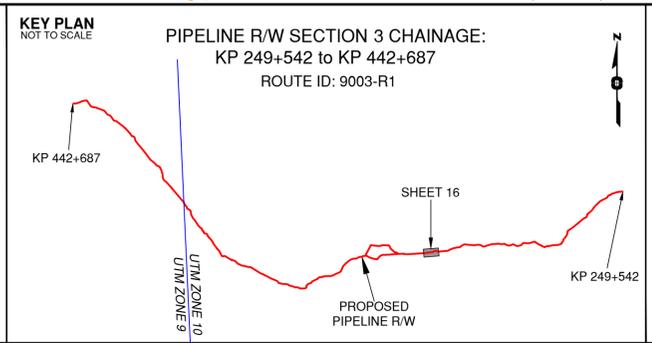
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AFP: 5005948
TCP: 004776-09-ML-03-077
ePASS: 10050542

REV. 1



Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	DC

LEGEND	
Proposed Pipeline R/W shown thus: [Red line]	Fish/Wildlife Reserve bdy shown thus: [Blue line]
Proposed Temp. Workspaces shown thus: TWS / TWS	Grazing Tenure bdy shown thus: [Green line]
Proposed Log Decks & Storage Sites shown thus: [Yellow box]	Mineral Claim bdy shown thus: [Purple line]
Right of Way shown thus: [Green line]	Tree Farm Licence shown thus: [Green line]
Roads shown thus: [Blue line]	Quarry Reserve bdy shown thus: [Green line]
Highway shown thus: [Red line]	Ungulate Winter Range bdy shown thus: UWR
Railway line shown thus: [Black line]	Visual Land Inventory shown thus: [Blue line]
Seismic line/trail shown thus: [Red line]	Watershed Reserve bdy shown thus: [Blue line]
Recreation Tenure shown thus: [Green line]	Woodlot bdy shown thus: [Green line]
Drainages shown thus: [Blue line]	Fault Line shown thus: [Red line]
Buried cable shown thus: [Blue line]	Misc Reserve/Notation bdy shown thus: [Green line]
Overhead powerline shown thus: [Red line]	Misc Licence/Permit bdy shown thus: [Green line]
Riparian Reserve Zone shown thus: [Green line]	Stantec Wetland / Classification shown thus: [Green line]
Riparian Management Zone shown thus: [Green line]	Crossings shown thus: [Red line]
Forest Cover Reserve shown thus: [Green line]	Old Growth Management Area shown thus: [Green line]
Archaeological site shown thus: [Green line]	Residences shown thus: [Red line]
Agricultural Land Reserve bdy shown thus: [Green line]	Culturally Modified Trees with Face shown thus: [Green line]
Coal Tenure bdy shown thus: [Green line]	
Cutblock shown thus: [Green line]	
Fence bdy shown thus: [Green line]	



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PROJECT ENGINEER _____

No.	STATION	DESCRIPTION	OWNER
W01439	(S1)313+328	Trib to Trembleur Lake / S3 / RRZ = 20 RMZ = 20	N 6084059 E 373850 ILMB
W01438	(S1)312+962	Trib to Trembleur Lake / S2 / RRZ = 30 RMZ = 20	N 6084003 E 374213 ILMB
T01083	(S1)312+884	Trail / Condition Unknown	N 6084072 E 374290 Crown
T00275	(S1)312+734	Forestry Road / LGGR / R02279 D	N 6084082 E 374439 Apollo Forest Products Ltd
T00817	(S1)311+157	Trail / Condition Unknown	N 6084106 E 375015 Crown
T00274	(S1)311+662	Forestry Road / LGGR / R14769 A	N 6084109 E 375511 Apollo Forest Products Ltd
W01437	(S1)310+980	Trib to Trembleur Lake / No visible channel	N 6084193 E 376171 ILMB
W01436	(S1)310+727	Trib to Trembleur Lake / No visible channel	N 6084328 E 376385 ILMB
W01435	(S1)309+978	Trib to Trembleur Lake / No visible channel	N 6084303 E 377077 ILMB
No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10 OWNER

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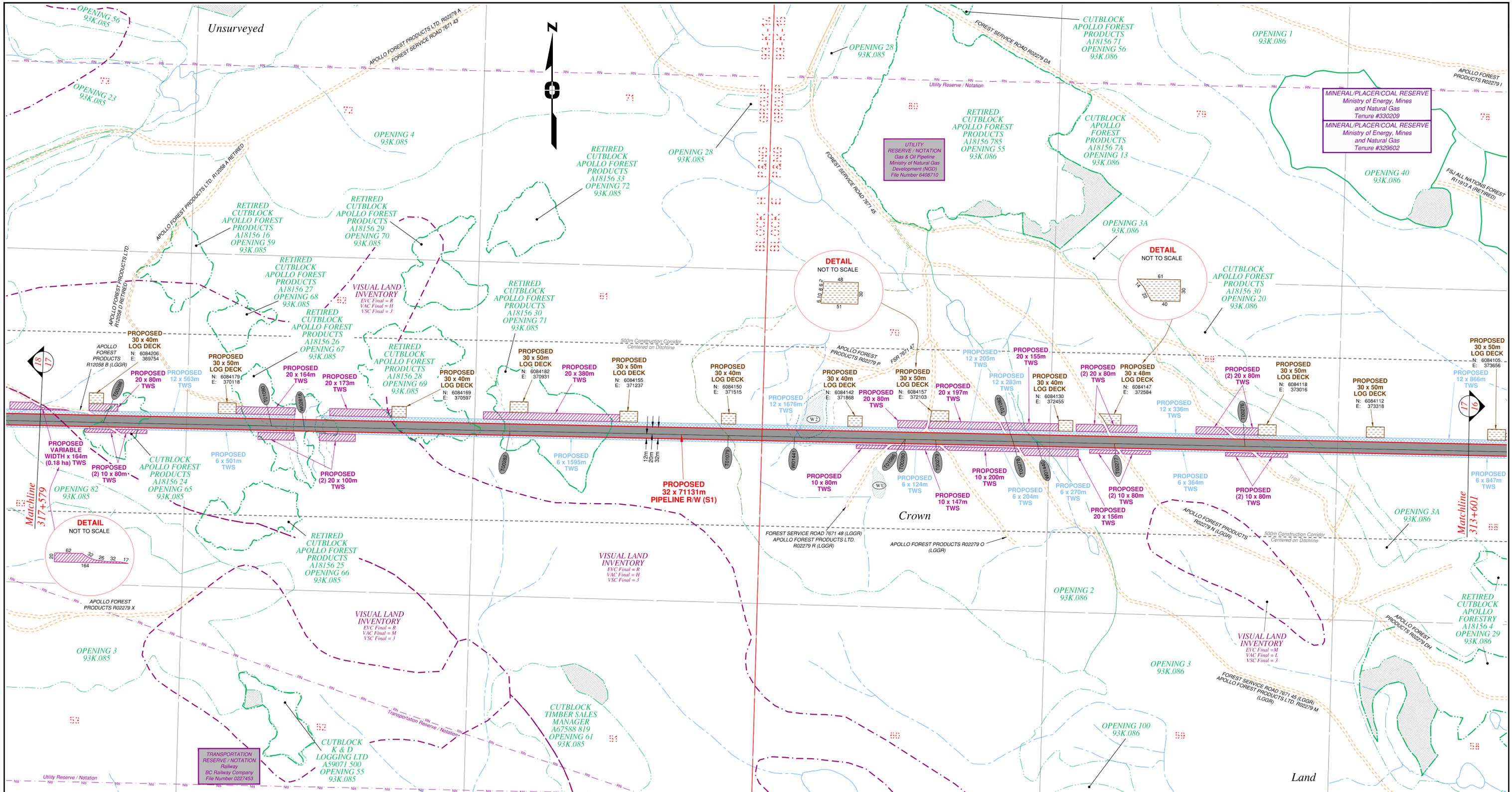
PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 309+548 TO 313+601)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & 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)

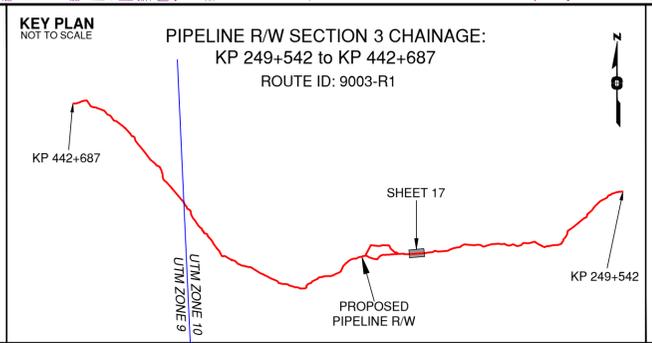
BCGS: 93K.081, 82, 83, 84, 85, 86, 87, 88, 89, 91, 94, 95, 96, 97, 99, 100 / 93M.010, 20, 28, 29, 30, 38 / 93N.001, 10 Sheet 16 of 51

WSP Surveys (BC) Limited Partnership Fort St John BC (250) 787-0300	WSP: 130275CP03R1 AFE: 5005948 TCPL: 004776-09-ML-03-078 ePASS: 10050542	REV. 1
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Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	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/rail shown thus:	Watershed Reserve bdy shown thus:
Drainages shown thus:	Wind Tenure bdy shown thus:
Buried cable shown thus:	Woodlot bdy shown thus:
Overhead powerline shown thus:	Fault Line shown thus:
Riparian Reserve Zone shown thus:	Misc Reserve/Notation bdy shown thus:
Riparian Management Zone shown thus:	Misc Licence/Permit bdy shown thus:
Forest Cover Reserve shown thus:	Santec Wetland / Classification shown thus:
Archaeological site shown thus:	Crossings shown thus:
Agricultural Land Reserve bdy shown thus:	Old Growth Management Area shown thus:
Coal Tenure bdy shown thus:	Residences shown thus:
Cutblock bdy shown thus:	Culturally Modified Trees with Face shown thus:
Fence bdy shown thus:	



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PROJECT ENGINEER _____

No.	STATION	DESCRIPTION	OWNER
T00286	(S1)317+405	Forestry Road / LGGR / R12058 B	N 6084139 E 369773 Apollo Forest Products Ltd
T01080	(S1)316+936	Trail / Condition Unknown	N 6084130 E 370242 Crown
W02816	(S1)316+845	Trib to Trembleur Lake / S2 / RRZ = 30 RMZ = 20	N 6084128 E 370333 ILMB
W0282	(S1)316+271	Trail / Condition Unknown	N 6084116 E 370907 Crown
T01079	(S1)315+663	Trail / Condition Unknown	N 6084103 E 371515 Crown
W01441	(S1)315+478	Trib to Trembleur Lake / No visible channel	N 6084099 E 371700 ILMB
T01098	(S1)315+170	Forestry Road / LGGR / R02279 R	N 6084095 E 372008 Apollo Forest Products Ltd
T00280	(S1)315+169	Forestry Road / LGGR / R02279 R	N 6084093 E 372008 District Manager Fort St. James
T00279	(S1)315+085	Forestry Road / LGGR / R02279 O	N 6084091 E 372093 Apollo Forest Products Ltd
T00278	(S1)314+869	Forestry Road / LGGR / R02279 M	N 6084087 E 372309 District Manager Fort St. James
T01082	(S1)314+869	Forestry Road / LGGR / R02279 M	N 6084087 E 372309 Apollo Forest Products Ltd
W01440	(S1)314+803	Trib to Trembleur Lake / Non-classified drainage	N 6084085 E 372375 ILMB
T00277	(S1)314+587	Forestry Road / LGGR / R02279 N	N 6084081 E 372591 Apollo Forest Products Ltd
T00276	(S1)314+223	Trail / Condition Unknown	N 6084073 E 372955 Crown
No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10 OWNER

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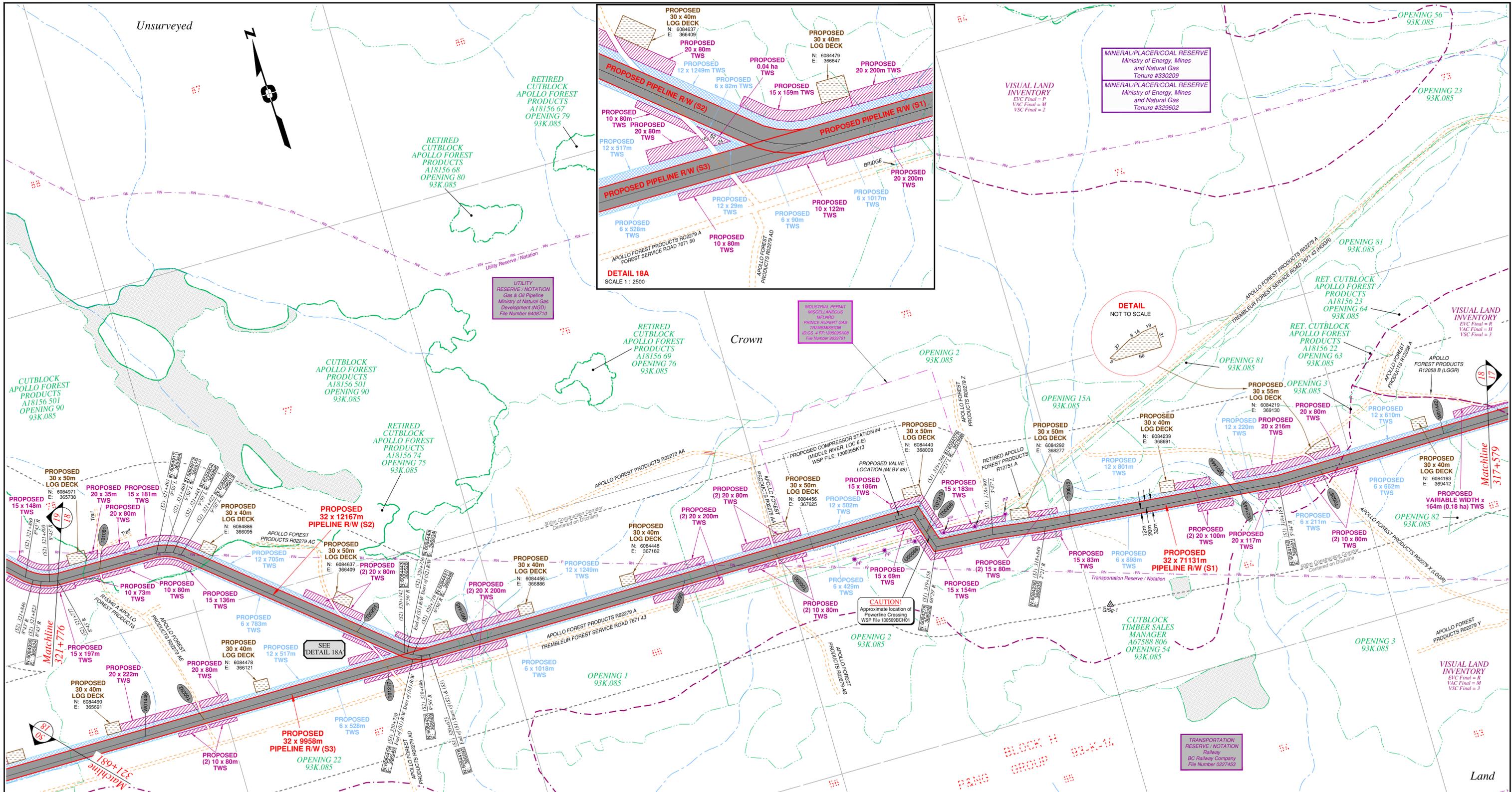
PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 313+601 TO 317+579)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & 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)

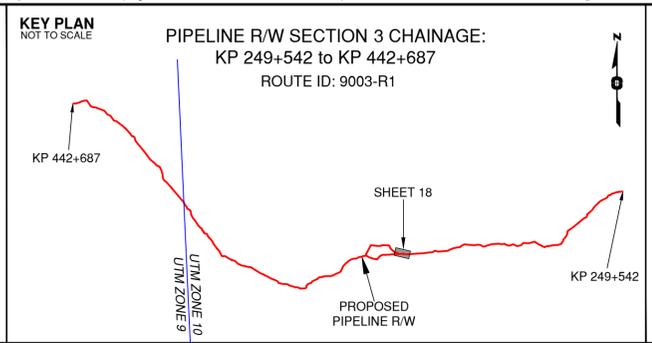
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WSP Surveys (BC) Limited Partnership Fort St John BC (250) 787-0300	WSP: 130275CP03R1 AFE: 5005948 TCPL: 004776-09-ML-03-079 ePASS: 10055042	REV. 1
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Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	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/rail 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:
Proposed Log Deck / Storage Site shown thus:	Misc Reserve/Notation bdy shown thus:
Overhead powerline shown thus:	Misc Licence/Permit bdy shown thus:
Riparian Reserve Zone shown thus:	Santec 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:	Culturally Modified Trees with Face shown thus:
Coal Tenure bdy shown thus:	
Cutback bdy shown thus:	
Fence bdy shown thus:	



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No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10	OWNER
W01446	(S)321+496	Tributary to Trembleur Lake / Non-classified drainage	N 6084441 E 365770	ILMB
T00292	(S)321+325	Forestry Road / LGGR / R02279 AE	N 6084436 E 365940	Apollo Forest Products Ltd.
T01217	(S)320+793	Forestry Road / LGGR / R02279 AC	N 6084421 E 366472	Apollo Forest Products Ltd
T01081	(S)321+655	Trail / Condition Unknown	N 6084923 E 365790	Crown
T00291	(S)320+887	Forestry Road / LGGR / R02279 AC	N 6084539 E 366420	Apollo Forest Products Ltd
W01445	(S)320+541	Trib to Trembleur Lake / S4 / RRZ = 0 RMZ = 30	N 6084414 E 366724	ILMB
W04099	(S)319+932	Water Course	N 6084397 E 367333	ILMB
T00290	(S)319+669	Forestry Road / Unknown / R02279 AA	N 6084390 E 367595	Apollo Forest Products Ltd.
T00288	(S)319+207	Forestry Road / Trembleur / HGGR / 7671 43	N 6084392 E 368015	District Manager Fort St. James
T01213	(S)319+207	Forestry Road / HGGR / R02279 A	N 6084322 E 368015	Apollo Forest Products Ltd
U00066	(S)319+191	Powerline / Overhead Powerline / 2 wires	N 6084307 E 368019	BC Hydro
T00815	(S)318+779	Trail / Condition Unknown	N 6084227 E 368404	Crown
W01444	(S)318+312	Trib to Trembleur Lake / S3 / RRZ = 20 RMZ = 20	N 6084171 E 368867	ILMB
W01443	(S)318+296	Trib to Trembleur Lake / S6 / RRZ = 0 RMZ = 20	N 6084169 E 368881	ILMB
T00287	(S)318+066	Forestry Road / LGGR / R02279 X	N 6084153 E 369112	Apollo Forest Products Ltd
W01442	(S)317+708	Trib to Trembleur Lake / No visible channel	N 6084146 E 369470	ILMB
No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10	OWNER

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PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 317+579 TO 321+776)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & Range 5 Coast District

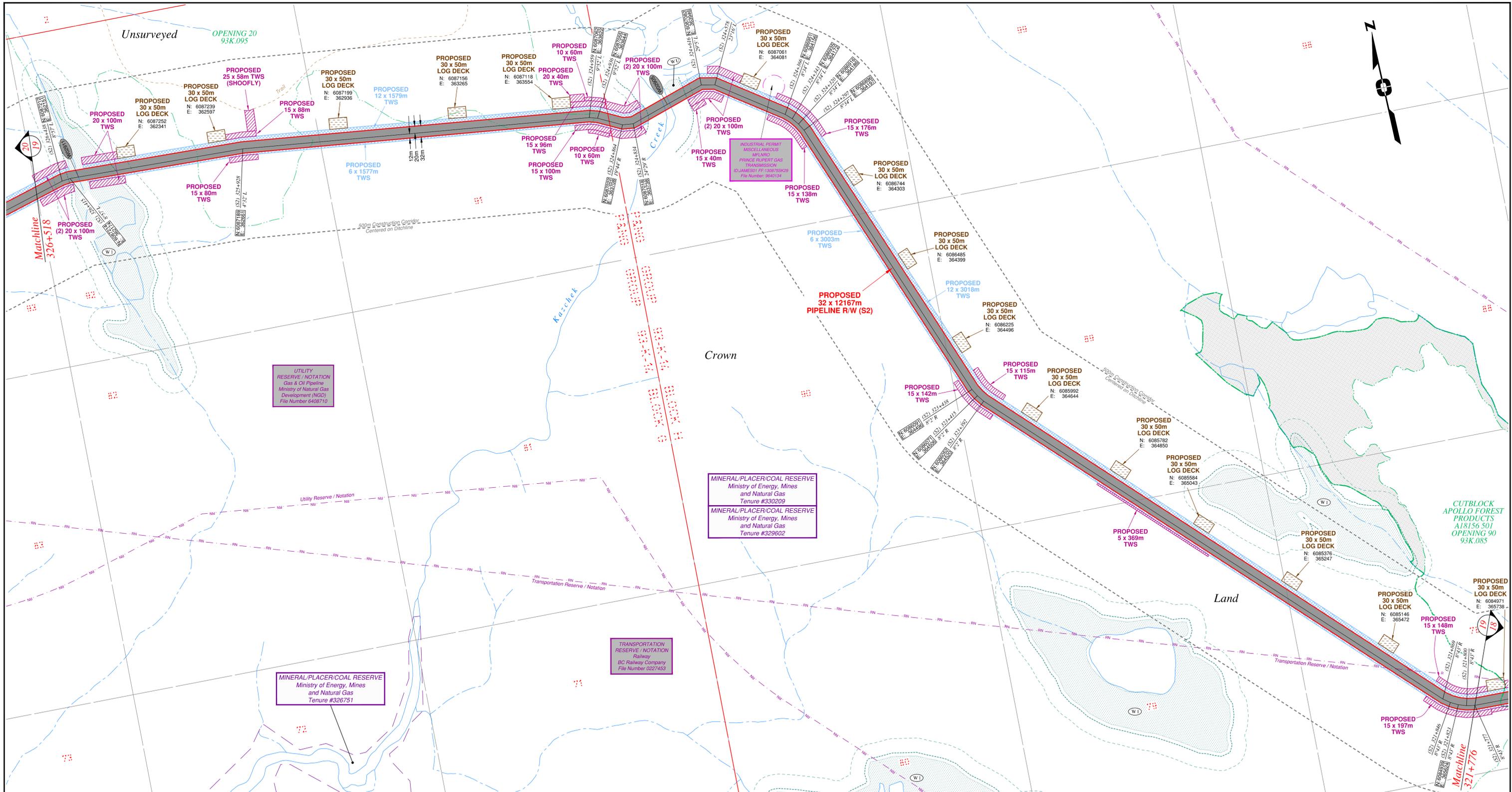
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 93K.081.82.83.84.85.86.87.88.89.91.94.95.96.97.99.100 / 93M.010.20.28.29.30.38 / 93N.001.10

WSP Surveys (BC) Limited Partnership
Fort St John BC
(250) 787-0300

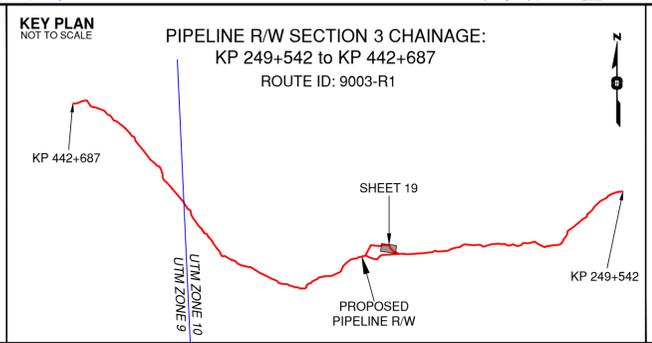
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TFCPL: 004776-09-ML-03-080
ePASS: 10050542

REV. 1



Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	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:	Culturally Modified Trees with Face 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	OWNER
W02911	(S2)326+391	Trib to Kazchek Creek / S3 / RRZ = 20	RMZ = 20
W02905	(S2)324+725	Kazchek Creek / S1 / RRZ = 50	RMZ = 20
N 6087213	E 362198	ILMB	
N 6087050	E 363842	ILMB	
		NAD 83 UTM ZONE 10	OWNER

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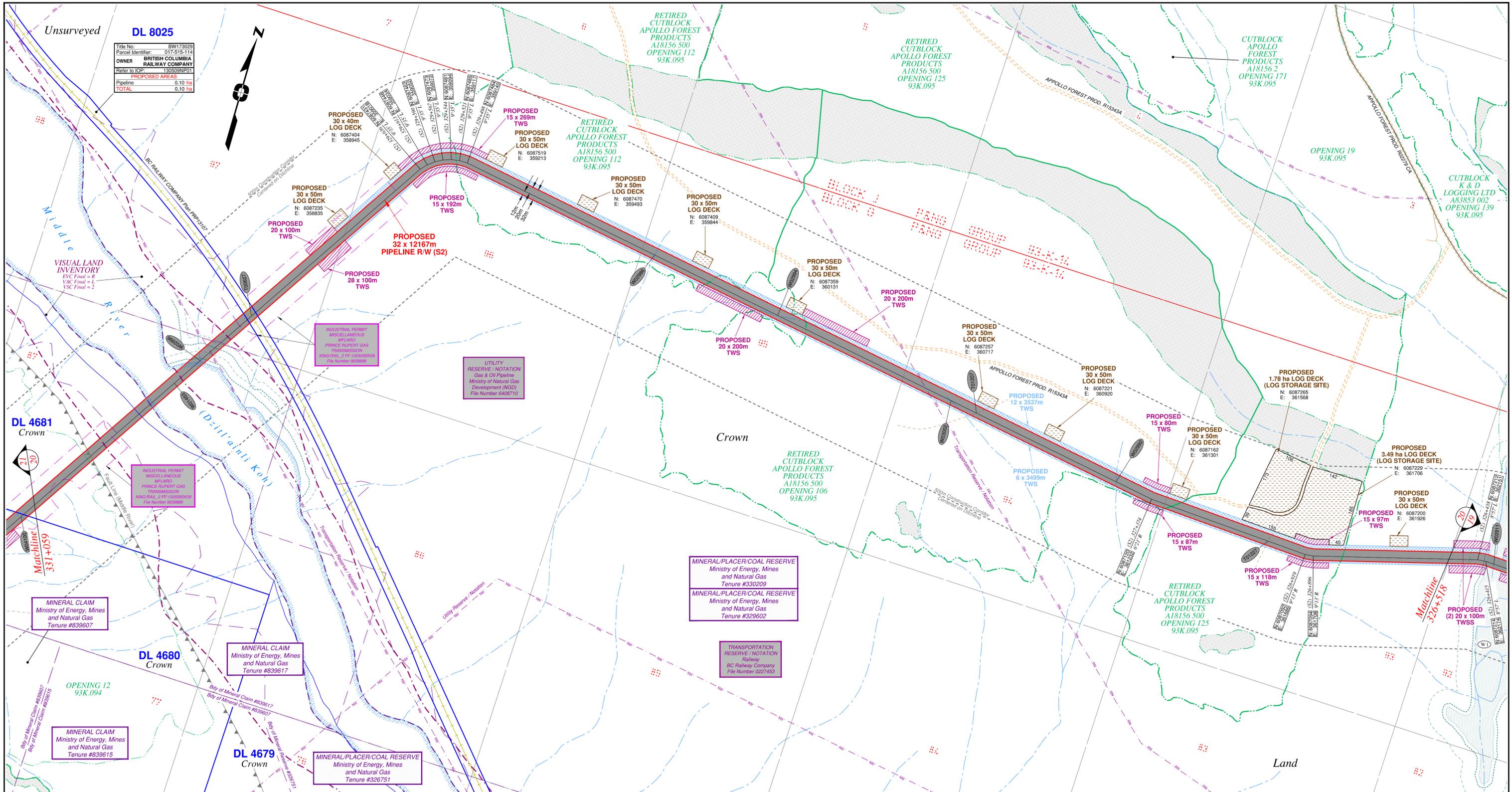
PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 321+776 TO 326+518)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & 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:93K.081,82,83,84,85,86,87,88,89,91,94,95,96,97,99,100 / 93M.010,20,28,29,30,38 / 93N.001,10

WSP Surveys (BC) Limited Partnership Fort St John BC (250) 787-0300	WSP: 130275CPO3R1 AFE: 5005948 TCPL: 004776-09-ML-03-081 ePASS: 10050542	REV. 1
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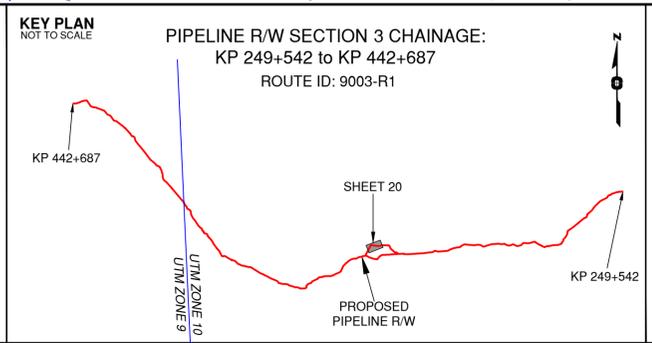


Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	DC

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 December 15, 2014
 - This plan represents the best information available at the time of survey. WSP 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 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:	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:	Culturally Modified Trees with Face 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	OWNER
W01453	(S2)330+543	Middle River / S1 / RRZ = 90, RMZ = 20	N 6088669 E 358527 ILMB
W02996	(S2)330+448	Trib to Middle River / S3 / RRZ = 20, RMZ = 20	N 6087499 E 358578 ILMB
T00827	(S2)330+259	Railway / Railroad Plan PRP13107	N 6086908 E 358681 Canadian National Railway
W02986	(S2)328+916	Trib to Middle River / No visible channel	N 6087385 E 359713 ILMB
W02994	(S2)328+535	Trib to Middle River / Non-classified drainage	N 6087319 E 360089 ILMB
W03002	(S2)327+997	Trib to Middle River / No visible channel	N 6087227 E 360619 ILMB
T01207	(S2)327+918	Trail / Condition Unknown	N 6087213 E 360696 Crown
W02992	(S2)327+485	Trib to Middle River / No visible channel	N 6087139 E 361123 ILMB
T01227	(S2)327+030	Trail / Condition Unknown	N 6087099 E 361576 Crown
No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10 OWNER

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PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 326+518 TO 331+059)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & 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)

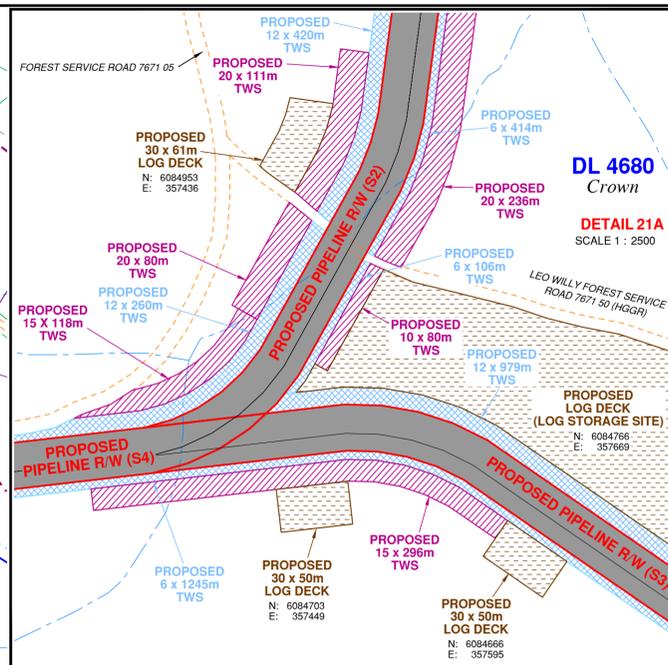
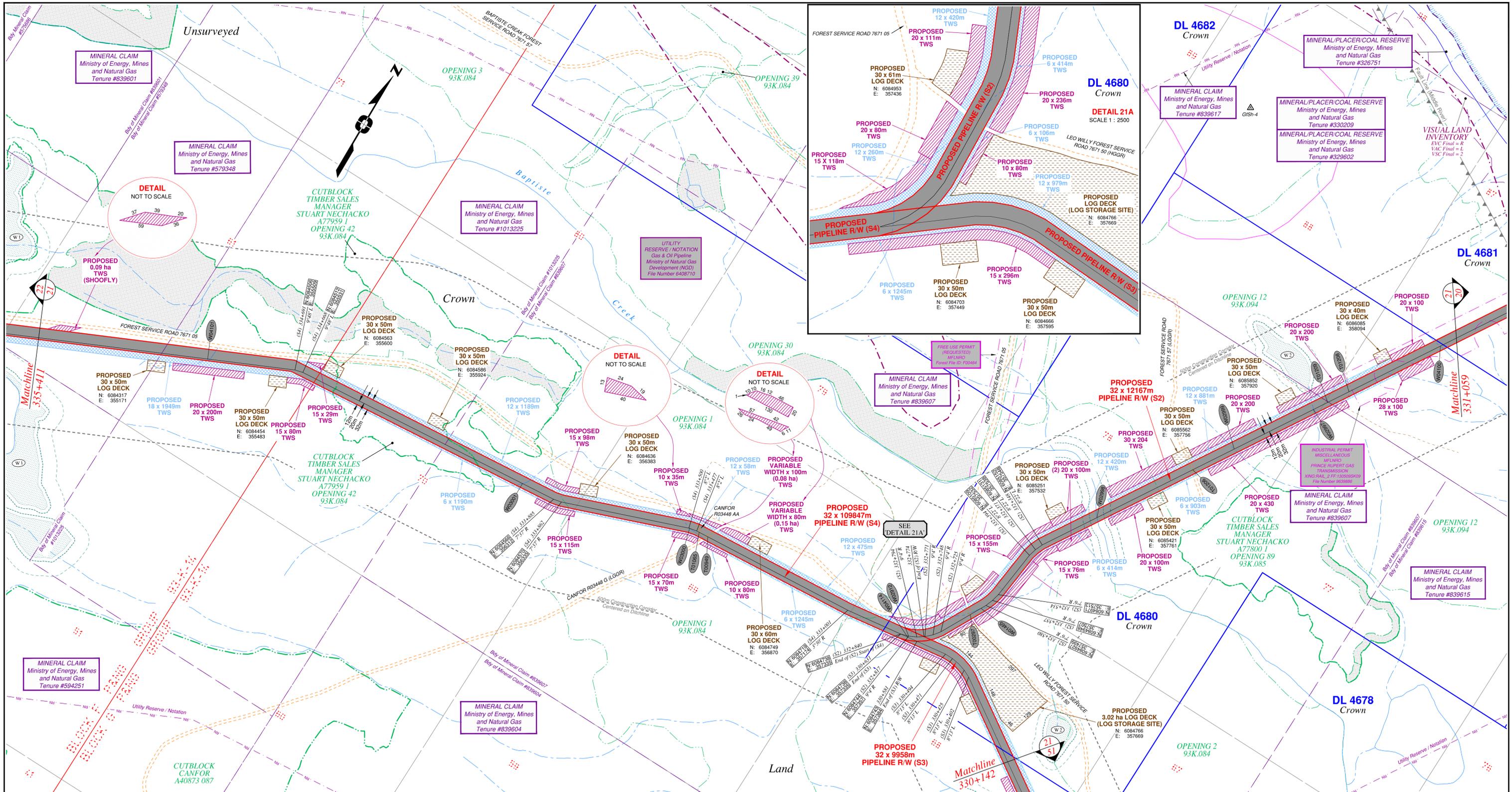
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Sheet 20 of 51

WSP Surveys (BC) Limited Partnership
 Fort St John BC
 (250) 787-0300

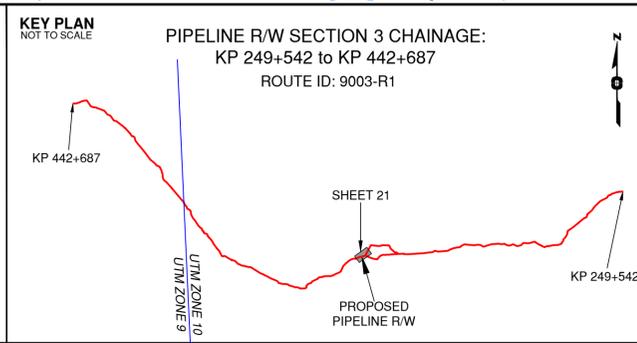
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 AFE: 5005948
 TCPL: 004776-09-ML-03-082
 ePASS: 1005542

REV. 1



Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846	2015/01/14	DC
1	Update Construction Corridor with Area Table & ePass	2015/01/14	DC

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



APPROVED BY: [Signature]

PROJECT ENGINEER: [Signature]

No.	STATION	DESCRIPTION	OWNER
W04114	(S3)330+609	Tributary to Baptiste Creek / S3 / RRZ = 20 RMZ = 20	N 6084740 E 357356
W04101	(S4)334+937	Water Course	N 6084409 E 356284
W03001	(S4)333+983	Trib to Baptiste Creek / No visible channel	N 6084559 E 356215
W03000	(S4)333+498	Trib to Baptiste Creek / No visible channel	N 6084690 E 356679
T01065	(S4)333+469	Forestry Road / Condition Unknown / R03448 AA	N 6084694 E 356707
T00949	(S4)333+442	Forestry Road / LGGR / R03448 G	N 6084696 E 356735
W02912	(S2)332+817	Trib to Baptiste Creek / No visible channel	N 6084744 E 357357
T00297	(S2)332+630	Forest Service Road (Leo Willy) / Condition Unknown / 7671 50	N 6084893 E 357474
W01465	(S2)332+598	Trib to Baptiste Creek / S3 / RRZ = 0 RMZ = 20	N 6084913 E 357491
W02998	(S2)332+178	Baptiste Creek / S3 / RRZ = 20 RMZ = 20	N 6085295 E 357640
T01206	(S2)331+880	Forest Service Road / LGGR / 7671 57	N 6085546 E 357802
W02999	(S2)331+751	Trib to Baptiste Creek / Non-classified drainage	N 6085654 E 357872
W02997	(S2)331+504	Trib to Baptiste Creek / Non-classified drainage	N 6085862 E 358006
T01209	(S2)331+460	Trail / Condition Unknown	N 6085899 E 358029
T01208	(S2)331+393	Trail / Condition Unknown	N 6085955 E 358065
W04100	(S2)331+109	Trib to Middle River	N 6086194 E 358220
No.			NAD 83 UTM ZONE 10

Prince Rupert Gas Transmission Project

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PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 331+059 TO 335+411)

Unsurveyed Crown Land/Private Land, Cassiar District & Range 5 Coast District

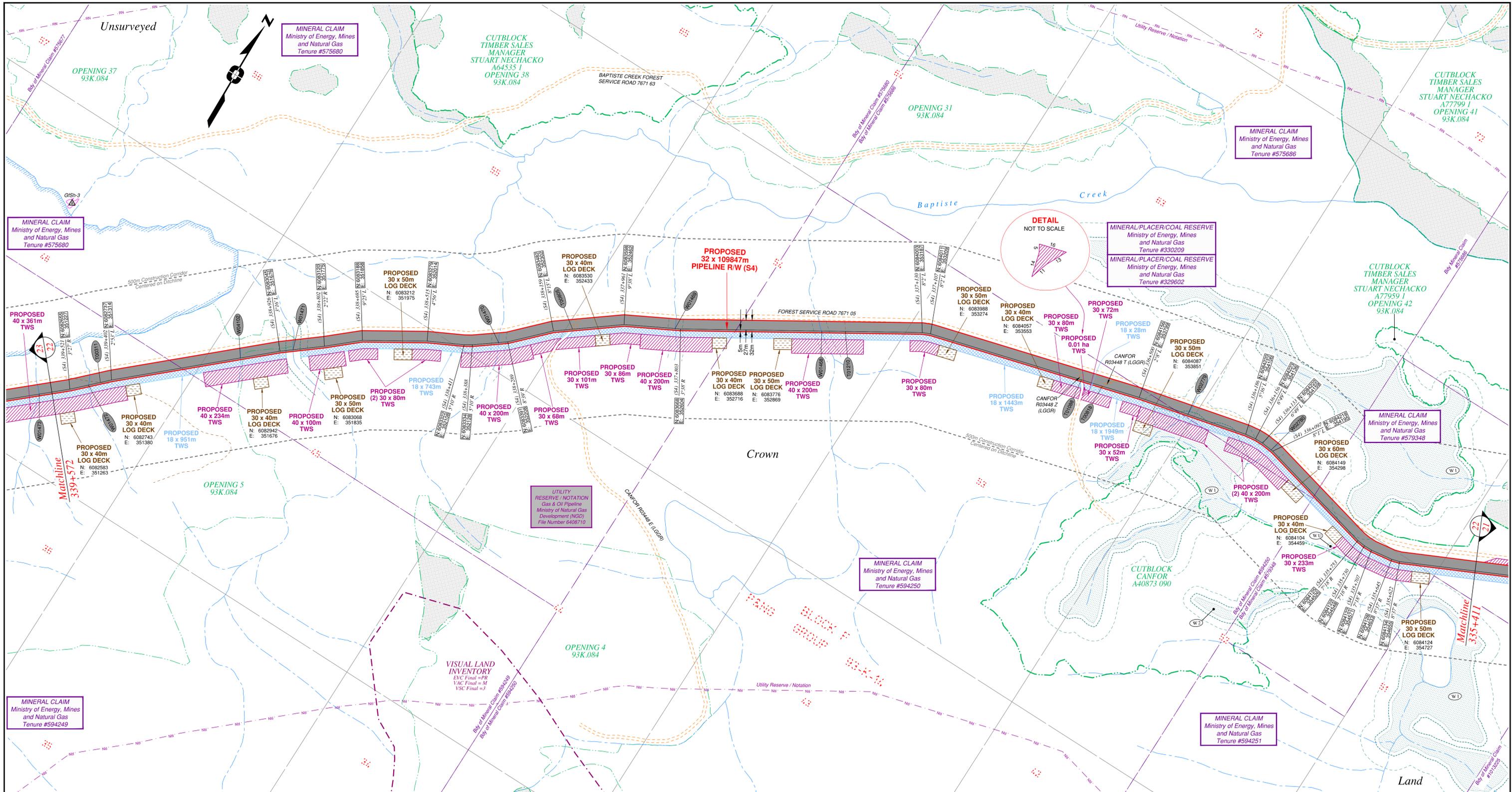
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1:5000 (use D size sheet)

BCGS: 93K.081, 82, 83, 84, 85, 86, 87, 88, 89, 91, 94, 95, 96, 97, 99, 100 / 93M.010, 20, 28, 29, 30, 38 / 93N.001, 10

WSP Surveys (BC) Limited Partnership
Fort St John BC
(250) 787-0300

WSP: 130275CP03R1
AFE: 5005948
TCPL: 004776-09-ML-03-083
ePASS: 10050542

REV. 1

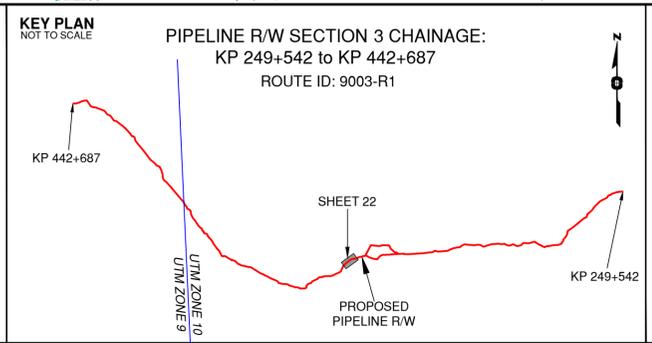


Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	DC

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 December 15, 2014
- This plan represents the best information available at the time of survey. WSP 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	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:	Fault Line shown thus:
Buried cable shown thus:	Misc Reserve/Notation bdy shown thus:
Buried pipe shown thus:	Misc Licence/Permit bdy shown thus:
Overhead powerline shown thus:	Riparian Reserve Zone shown thus:
Riparian Management Zone shown thus:	Crossings shown thus:
Forest Cover Reserve Area shown thus:	Old Growth Management Area shown thus:
Archaeological site shown thus:	Residences shown thus:
Agricultural Land Reserve bdy shown thus:	Culturally Modified Trees with Face shown thus:
Coal Tenure bdy shown thus:	
Cutblock bdy shown thus:	
Fence bdy shown thus:	



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PROJECT ENGINEER _____

No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10	OWNER
W01472	(S4)339+468	Trib to Baptiste Creek / Non-classified drainage	N 6082692 E 351266	ILMB
T00311	(S4)339+434	Trail / Condition Unknown	N 6082715 E 351291	Crown
W04102	(S4)339+039	Water Course	N 6082973 E 351591	ILMB
W01471	(S4)338+890	Trib to Baptiste Creek / S3 / RRZ = 20	N 6083067 E 351705	ILMB
W01470	(S4)338+315	Trib to Baptiste Creek / S6 / RRZ = 0	N 6083377 E 352187	ILMB
T00905	(S4)338+105	Forestry Road / LGGR / R03448 E	N 6083514 E 352345	Canadian Forest Products Ltd
W01469	(S4)337+819	Trib to Baptiste Creek / S6 / RRZ = 0	N 6083661 E 352590	ILMB
W01468	(S4)337+410	Trib to Baptiste Creek / S6 / RRZ = 0	N 6083864 E 352945	ILMB
T01210	(S4)337+344	Trail / Condition Unknown	N 6083896 E 353002	Crown
T01088	(S4)336+668	Forestry Road / LGGR / R03448 T	N 6084116 E 353635	Canadian Forest Products Ltd
T00818	(S4)336+607	Forestry Road / LGGR / R03448 T	N 6084131 E 353695	Canadian Forest Products Ltd
W02779	(S4)336+356	Trib to Baptiste Creek / S4 / RRZ = 0	N 6084185 E 353939	ILMB
W02780	(S4)336+103	Trib to Baptiste Creek / S4 / RRZ = 0	N 6084218 E 354189	ILMB
No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10	OWNER

TABLE OF CROSSINGS

Prince Rupert Gas Transmission Project

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PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 335+411 TO 339+572)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & Range 5 Coast District

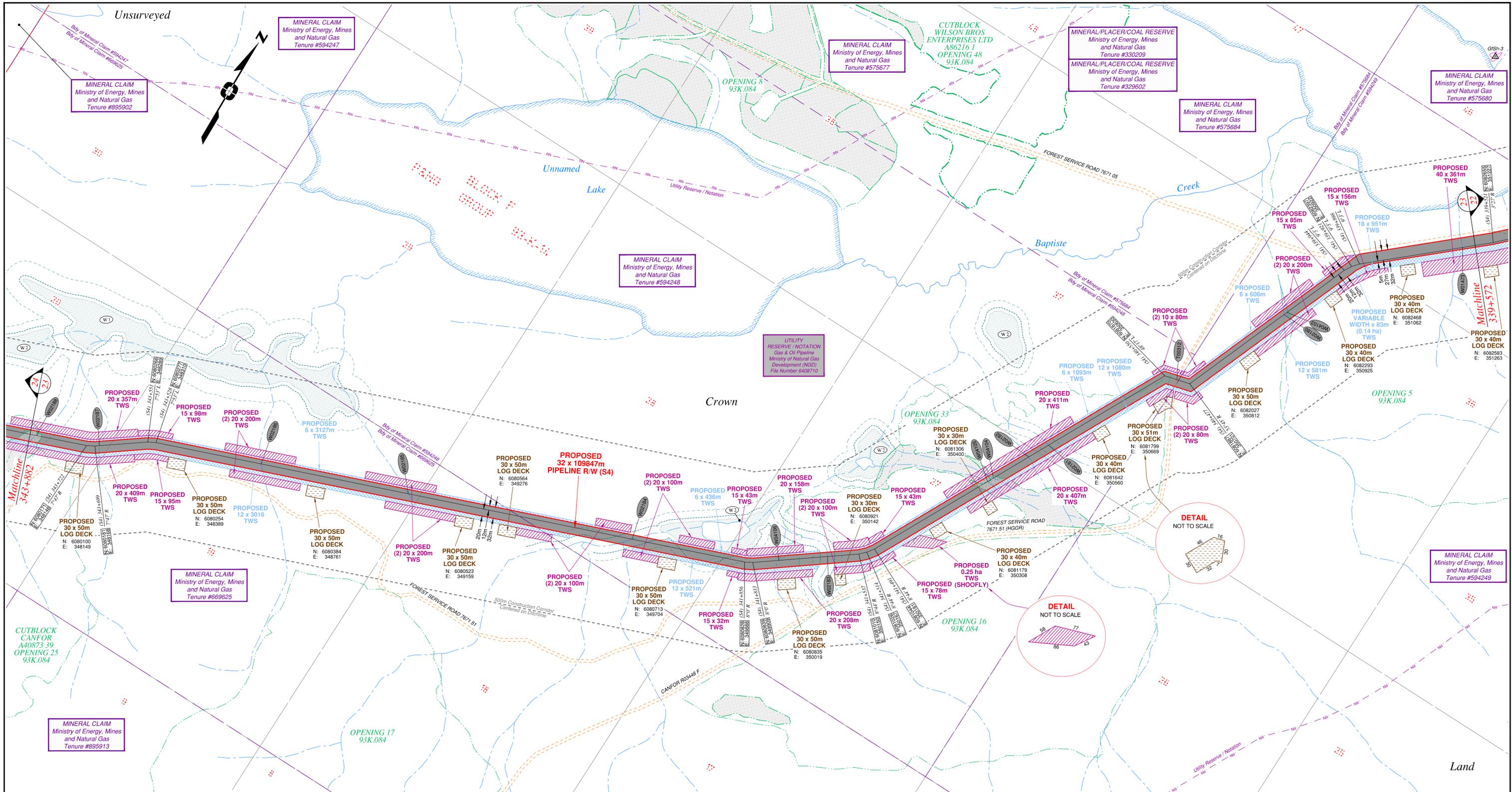
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS:93K.081.82,83,84,85,86,87,88,89,91,94,95,96,97,99,100 / 93M.010.20,28,29,30,38 / 93N.001,10

WSP Surveys (BC) Limited Partnership
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(250) 787-0300

WSP: 130275CP03R1
AFE: 5005948
TCPL: 004776-09-ML-03-084
ePASS: 1005542

REV. 1

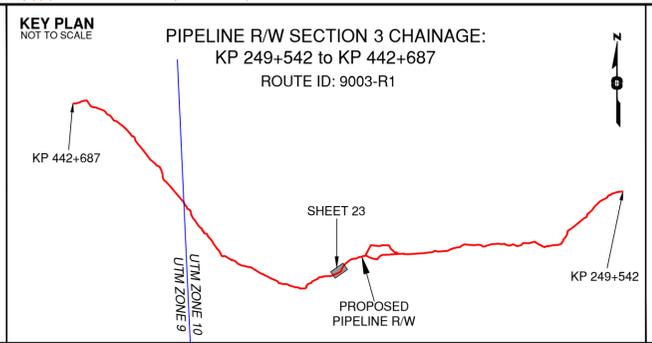


Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	DC

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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- This pipeline section is not within the Agricultural Land Reserve.
- Field Survey Completed December 15, 2014
- This plan represents the best information available at the time of survey. WSP 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:
Proposed Temp. Workspaces shown thus: TWS / TWS
Proposed Log Decks & Storage Sites shown thus:
Right of Way shown thus:
Roads shown thus:
Highway shown thus:
Railway line shown thus:
Seismic line/trail shown thus:
Drainages shown thus:
Buried cable shown thus:
Buried pipe shown thus:
Overhead powerline shown thus:
Riparian Reserve Zone shown thus:
Riparian Management Zone shown thus:
Forest Cover Reserve shown thus:
Archaeological site shown thus:
Agricultural Land Reserve body shown thus:
Coal Tenure body shown thus:
Cutblock body shown thus:
Fence body shown thus:
Fish/Wildlife Reserve body shown thus:
Grazing Tenure body shown thus:
Mineral Claim body shown thus:
Tree Farm Licence shown thus:
Quarry Reserve body shown thus:
Ungulate Winter Range body shown thus:
Visual Land Inventory shown thus:
Watershed Reserve body shown thus:
Woodlot body shown thus:
Fault Line shown thus:
Misc Reserve/Notation body shown thus:
Misc Licence/Permit body shown thus:
Recreation Tenure body shown thus:
Crossings shown thus:
Old Growth Management Area shown thus:
Residences shown thus:
Culturally Modified Trees with Face shown thus:



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PROJECT ENGINEER _____

STATION	DESCRIPTION	OWNER
W02188	(S4)343+864 Trib to Baptiste Creek / S4 / RRZ = 0 RMZ = 30	N 6080123 E 348014
W02187	(S4)343+866 Trib to Baptiste Lake / Non-classified drainage	N 6080189 E 348179
W02186	(S4)343+229 Trib to Baptiste Creek / Non-classified drainage	N 6080375 E 348592
W02185	(S4)342+811 Trib to Baptiste Creek / Non-classified drainage	N 6080513 E 348987
W02184	(S4)342+176 Trib to Baptiste Creek / S3 / RRZ = 20 RMZ = 20	N 6080723 E 349587
W04106	(S4)341+761 Water Course	N 6080981 E 349968
W02183	(S4)341+625 Trib to Baptiste Creek / S3 / RRZ = 20 RMZ = 20	N 6080959 E 350079
W04105	(S4)341+125 Water Course	N 6081366 E 350356
W04104	(S4)341+106 Water Course	N 6081382 E 350365
W02182	(S4)340+991 Trib to Baptiste Creek / No visible channel	N 6081483 E 350419
W02181	(S4)340+927 Trib to Baptiste Creek / S6 / RRZ = 0 RMZ = 20	N 6081539 E 350450
T00312	(S4)340+515 Forest Service Road (A67691) / HGGR / FSR 7671 51	N 6081878 E 350665
W02180	(S4)340+152 Trib to Baptiste Creek / S6 / RRZ = 0 RMZ = 20	N 6082196 E 350829
W04103	(S4)340+142 Water Course	N 6082600 E 351161
W01473	(S4)339+608 Trib to Sidney Creek / Non-classified drainage	NAD 83 UTM ZONE 10

Prince Rupert Gas Transmission Project

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PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 339+572 TO 343+882)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & Range 5 Coast District

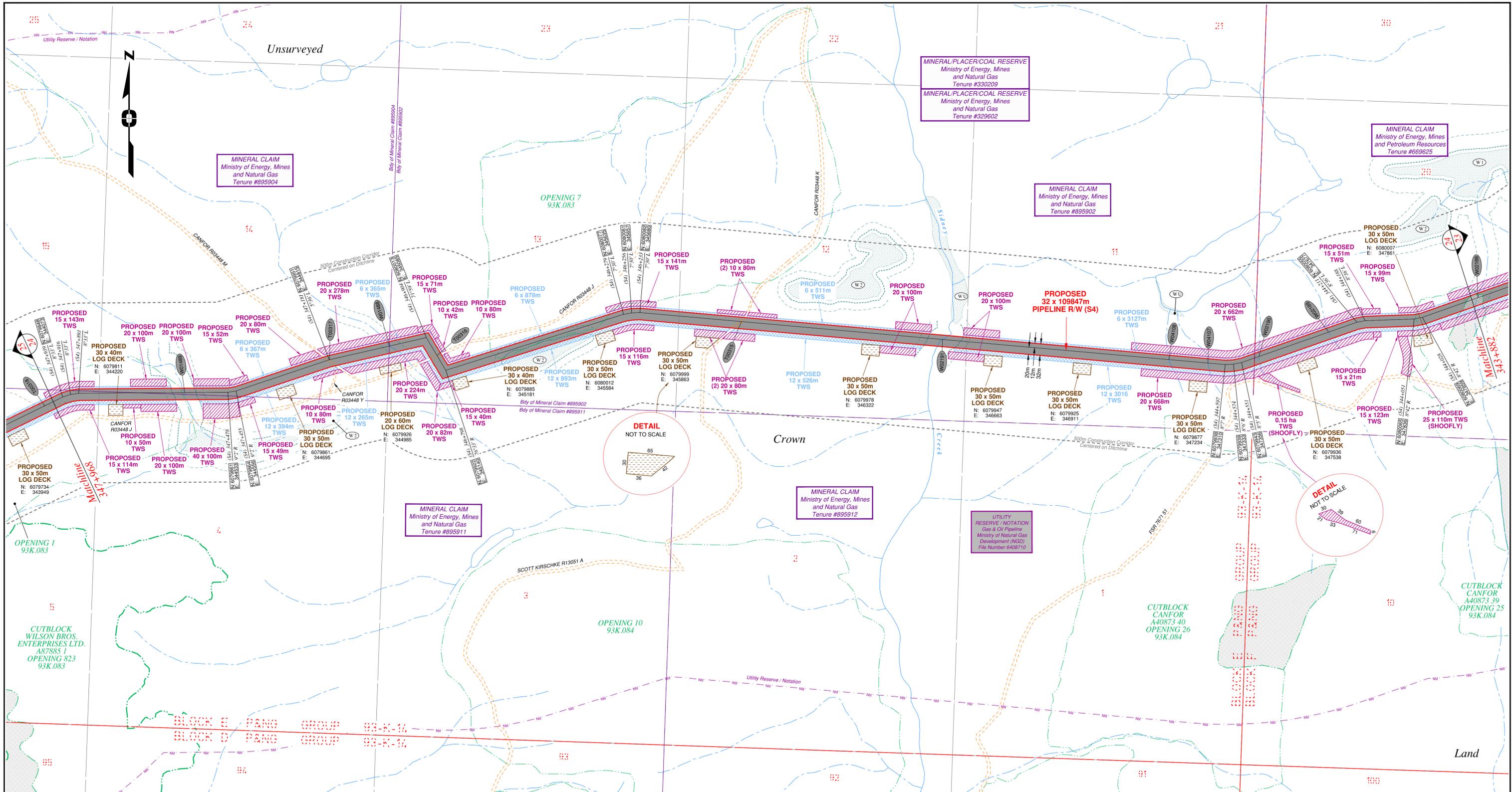
The intended plot size of this plan is 864mm in width by 560mm in height when plotted at a scale of 1: 5000 (use D size sheet)

BCGS: 93K.081,82,83,84,85,86,87,88,89,91,94,95,96,97,99,100 / 93M.010,20,28,29,30,38 / 93N.001,10

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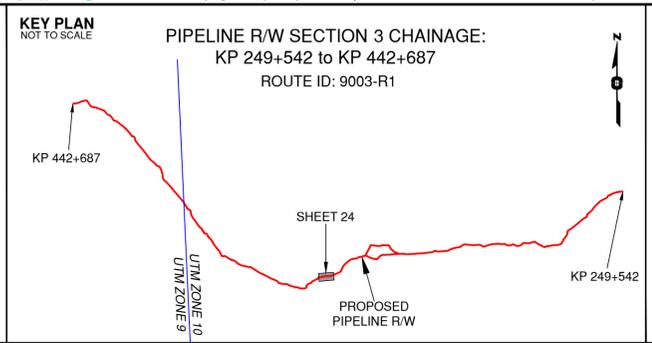
WSP: 130275CP03R1
AFE: 5005948
TCPL: 004776-09-ML-03-085
ePASS: 10050542

REV. 1



Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	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:
Misc Reserve/Notation bdy shown thus:	Misc Licence/Permit bdy shown thus:
Overhead powerline shown thus:	Riparian Reserve Zone shown thus:
Stantec Wetland / Classification shown thus:	Crossings shown thus:
Riparian Management Zone shown thus:	Old Growth Management Area shown thus:
Forest Cover Reserve shown thus:	Archaeological site shown thus:
Archaeological site shown thus:	Agricultural Land Reserve bdy shown thus:
Agricultural Land Reserve bdy shown thus:	Coal Tenure bdy shown thus:
Coal Tenure bdy shown thus:	Cutblock bdy shown thus:
Cutblock bdy shown thus:	Fence pole bdy shown thus:
Fence pole bdy shown thus:	Culturally Modified Trees with Face shown thus:



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PROJECT ENGINEER _____

STATION	DESCRIPTION	OWNER		
W01489	(S4)347-598 Trib to Sidney Creek / Beaver Dam Complex / RRZ = 30 RMZ = 20	N 6079860 E 344413 ILMB		
T00317	(S4)347-181 Forestry Road / Condition Unknown / R03448 M	N 6079951 E 344816 ILMB		
W01488	(S4)347-099 Trib to Sidney Creek / S6 / RRZ = 0 RMZ = 20	N 6079989 E 344983 ILMB		
T00316	(S4)346-846 Forestry Road / Condition Unknown / R03448 J	N 6079983 E 345115 ILMB		
T00315	(S4)345-950 Forestry Road / Condition Unknown / R03448 K	N 6080057 E 345963 ILMB		
W02191	(S4)345-388 Sidney Creek / S2 / RRZ = 30 RMZ = 20	N 6080007 E 346523 ILMB		
W04108	(S4)344-755 Water Course	N 6079982 E 347153 ILMB		
W04107	(S4)344-646 Water Course	N 6079942 E 347262 ILMB		
W02190	(S4)344-500 Trib to Sidney Creek / Non-classified drainage	N 6079980 E 347404 ILMB		
W02189	(S4)344-295 Trib to Sidney Creek / Non-classified drainage	N 6080028 E 347598 ILMB		
No.	STATION	DESCRIPTION	NAD 83 UTM ZONE 10	OWNER

Prince Rupert Gas Transmission Project

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PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 343+882 TO 347+968)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & 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)

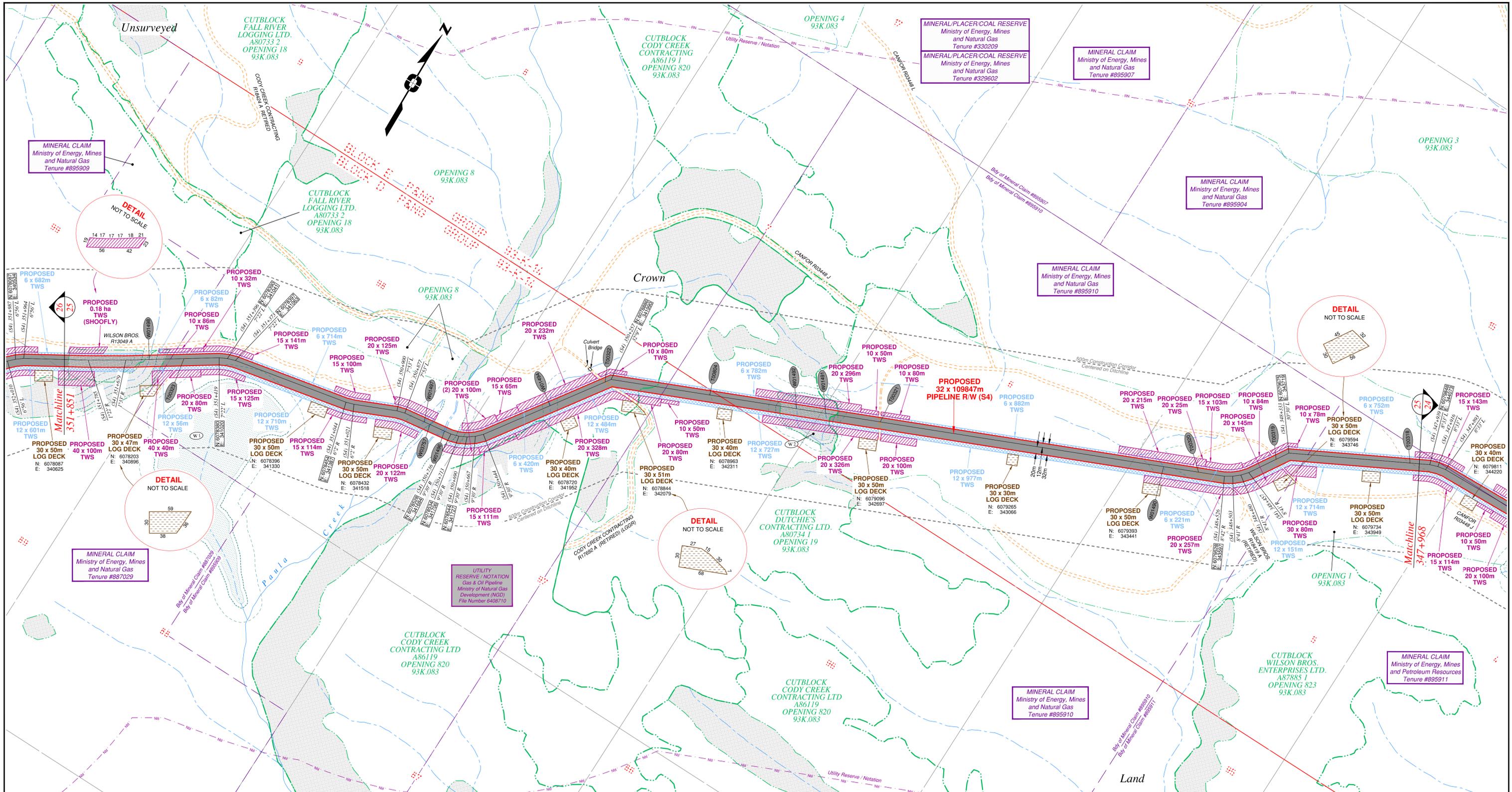
BCGS:93K.081.82,83,84,85,86,87,88,89,91,94,95,96,97,99,100 / 93M.010.20,28,29,30,38 / 93N.001,10

Sheet 24 of 51

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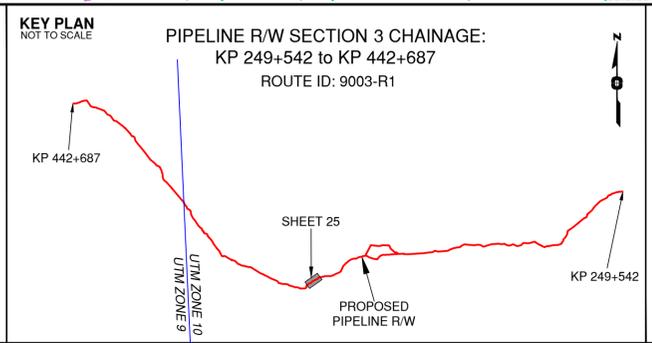
WSP: 130275CP03R1
AFE: 5005948
TCPL: 004776-09-ML-03-086
ePASS: 10050542

REV. 1



Rev	Revision Description	Date(Y/M/D)	By
0	Original Plan Prepared	2014/09/17	DC
1	Update P.L. R/W (S4), Morrison Head - KP 436+715 to 440+846 Update Construction Corridor with Area Table & ePass Update Crossings, Scenery & Tenures	2015/01/14	DC

LEGEND	
Proposed Pipeline R/W shown thus: [Red line]	Fish/Wildlife Reserve bdy shown thus: [Blue line]
Proposed Temp. Workspaces shown thus: [Pink shaded area]	Grazing Tenure bdy shown thus: [Green line]
Proposed Log Decks & Storage Sites shown thus: [Pink rectangle]	Mineral Claim bdy shown thus: [Purple dashed line]
Right of Way shown thus: [Red dashed line]	Tree Farm Licence shown thus: [Green dashed line]
Roads shown thus: [Black dashed line]	Quarry Reserve bdy shown thus: [Yellow dashed line]
Highway shown thus: [Blue dashed line]	Ungulate Winter Range bdy shown thus: [Green dashed line]
Railway line shown thus: [Black dashed line]	Visual Land Inventory shown thus: [Blue dashed line]
Seismic line/trail shown thus: [Red dashed line]	Watershed Reserve bdy shown thus: [Blue dashed line]
Recreation Tenure shown thus: [Green dashed line]	Wind Tenure bdy shown thus: [Blue dashed line]
Drainages shown thus: [Blue dashed line]	Woodlot bdy shown thus: [Green dashed line]
Buried cable shown thus: [Blue dashed line]	Fault Line shown thus: [Red dashed line]
Overhead powerline shown thus: [Black dashed line]	Misc Reserve/Notation bdy shown thus: [Purple dashed line]
Riparian Reserve Zone shown thus: [Blue dashed line]	Misc Licence/Permit bdy shown thus: [Purple dashed line]
Riparian Management Zone shown thus: [Blue dashed line]	Riparian Reserve Zone shown thus: [Blue dashed line]
Forest Cover Reserve shown thus: [Green dashed line]	Crossings shown thus: [Black dashed line]
Archaeological site shown thus: [Red dashed line]	Old Growth Management Area shown thus: [Green dashed line]
Agricultural Land Reserve bdy shown thus: [Green dashed line]	Residences shown thus: [Black dashed line]
Coal Tenure bdy shown thus: [Green dashed line]	Culturally Modified Trees with Face shown thus: [Black dashed line]
Cutblock bdy shown thus: [Green dashed line]	
Fence bdy shown thus: [Black dashed line]	



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PROJECT ENGINEER

STATION	DESCRIPTION	OWNER
W01498	(S4)351+615 Trib to Fleming Creek / S3 / RRZ = 20 RMZ = 20	N 6078276 E 340855 ILMB
W03023	(S4)351+518 Trail / Condition Unknown	N 6078328 E 340937 Crown
W01497	(S4)350+818 Trib to Paula Creek / S4 / RRZ = 0 RMZ = 30	N 6078519 E 341603 ILMB
W03757	(S4)350+801 Trib to Paula Creek / S4 / RRZ = 0 RMZ = 30	N 6078521 E 341620 ILMB
W01496	(S4)350+756 Paula Creek / S2 / RRZ = 30 RMZ = 20	N 6078525 E 341664 ILMB
W01494	(S4)350+442 Trib to Paula Creek / S6 / RRZ = 0 RMZ = 20	N 6078736 E 341881 ILMB
T00322	(S4)350+275 Forestry Road / LGGR / R17692 A (Retired)	N 6078871 E 341980 Crown
T00304	(S4)349+978 Trail / Condition Unknown	N 6078989 E 342249 Crown
W01492	(S4)349+734 Trib to Paula Creek / S4 / RRZ = 0 RMZ = 30	N 6079080 E 342476 ILMB
W01491	(S4)349+652 Trib to Paula Creek / S4 / RRZ = 0 RMZ = 30	N 6079110 E 342552 ILMB
T00321	(S4)349+498 Trail / Condition Unknown	N 6079168 E 342696 Crown
W01490	(S4)348+698 Trib to Paula Creek / S4 / RRZ = 0 RMZ = 30	N 6079464 E 343438 ILMB
T00320	(S4)348+600 Forestry Road / Condition Unknown / R03448 J	N 6079501 E 343529 Crown
W00319	(S4)348+373 Forestry Road / Condition Unknown / R03448 J	N 6079642 E 343697 Canadian Forest Products Ltd
T00318	(S4)347+994 Trail / Condition Unknown	N 6079823 E 344023 Crown
No.	STATION DESCRIPTION	NAD 83 UTM ZONE 10

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PROPOSED 32m PIPELINE R/W FROM a-18-A, 93-N-1 TO d-67-H, 93-K-14 (S1), d-67-H TO c-68-G, 93-K-14 (S2 & S3) & FROM c-68-G, 93-K-14 TO a-68-D, 93-M-8 (S4) (SHEET CHAINAGE: 347+968 TO 351+851)

Unsurveyed Crown Land/Crown Land/Private Land, Cassiar District & 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:93K.081,82,83,84,85,86,87,88,89,91,94,95,96,97,99,100 / 93M.010,20,28,29,30,38 / 93N.001,10

Sheet 25 of 51

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