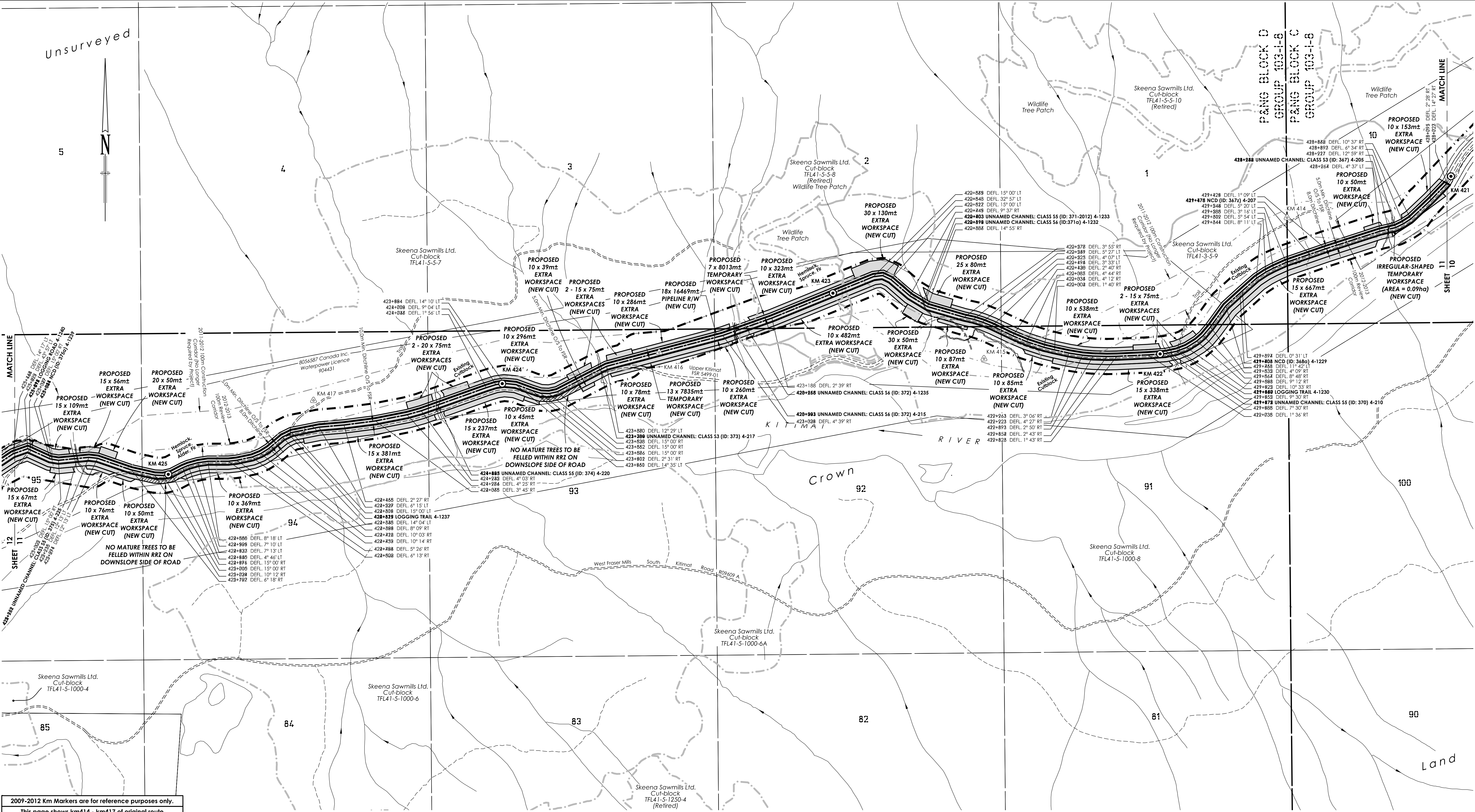




2009-2012 Km Markers are for reference purposes only.  
This page shows km414 - km417 of original route

| XING # | DESCRIPTION                              | NORTHING | EASTING | OPERATOR | DWG No. |
|--------|------------------------------------------|----------|---------|----------|---------|
| 4-205  | UNNAMED CHANNEL: CLASS S3 (ID: 367)      | 6011767  | 540897  |          |         |
| 4-207  | NCD (ID: 3672)                           | 6011696  | 540672  |          |         |
| 4-1229 | NCD (ID: 3686)                           | 6011586  | 540475  |          |         |
| 4-1230 | LOGGING TRAIL                            | 6011422  | 540299  | MOF      |         |
| 4-210  | UNNAMED CHANNEL: CLASS S5 (ID: 370)      | 6011417  | 540276  |          |         |
| 4-1232 | UNNAMED CHANNEL: CLASS S6 (ID: 371a)     | 6011554  | 539977  |          |         |
| 4-1233 | UNNAMED CHANNEL: CLASS S5 (ID: 371-2012) | 6011556  | 539973  |          |         |
| 4-1235 | UNNAMED CHANNEL: CLASS S5 (ID: 372)      | 6011489  | 539072  |          |         |
| 4-215  | UNNAMED CHANNEL: CLASS S6 (ID: 372)      | 6011477  | 539039  |          |         |
| 4-217  | UNNAMED CHANNEL: CLASS S3 (ID: 373)      | 6011369  | 538658  |          |         |
| 4-220  | UNNAMED CHANNEL: CLASS S5 (ID: 374)      | 6011268  | 538196  |          |         |
| 4-1237 | LOGGING TRAIL                            | 6011185  | 537772  | MOF      |         |
| 4-225  | UNNAMED CHANNEL: CLASS S5 (ID: 375)      | 6011116  | 537172  |          |         |
| 4-1239 | NCD (ID: 375a)                           | 6011114  | 537100  |          |         |
| 4-1240 | LOGGING ROAD                             | 6011141  | 537038  | MOF      |         |

NOTES:

All underground facilities shown were located with electronic locators and may be subject to error. Actual locations should be verified independently by the contractor in field prior to any crossings. Plus changes shown are horizontal distances measured along the surveyed boundary of the right-of-way.

LEGEND:

- Drainage shown thus:
- Seismic Line shown thus:
- 2012-2013 Review Corridor shown thus:
- Buried Pipe shown thus:
- 2011-2012 Construction Corridor No Longer Required shown thus:
- Fence line shown thus:
- Crossing Numbers shown thus: **4-1000**
- Powerpole & guy wire shown thus: PP
- Cut block/Woodlot boundary
- Top of bank/break in slope
- Above ground pipe shown thus: A.L.R.
- 2013 KM Markers shown thus: KM 0
- 2009-2012 KM Markers shown thus: KM 0

NVC - Non Visible Channel

Vegetation Change shown thus:

Logging Trail shown thus:

Forest Service Road shown thus:

Buried Cable shown thus: c

Overhead Powerlines shown thus: P

Community Forest boundary:

BC - Begin Curve; EC - End Curve

Hooked Parcel shown thus:

| No. | REVISIONS                                 | BY    | DATE<br>(YY/MM/DD) | CKD |
|-----|-------------------------------------------|-------|--------------------|-----|
| 0   | Original Plan Issued                      | WC/OT | 12/12/13           | CD  |
| 1   | Revised Workspaces                        | WC    | 13/02/04           | CD  |
| 2   | Updated 3D Chainages and KM Posts         | WC    | 13/04/12           | BP  |
| 3   | Revised Project Areas (Nimbus), New EPASS | OT    | 13/10/10           | BP  |
| 4   | Revised Crossings on Page 4, New EPASS    | OT    | 13/10/17           | BP  |

APPROVED BY

PROJECT ENGINEER

PACIFIC TRAIL PIPELINES MANAGEMENT INC.

PLAN SHOWING PROPOSED  
18m PIPELINE FROM  
**b-44-L, 93-L-4**  
TO DL 6084 (b-24-G, 103-I-2)

can-am geomatics  
can-am geomatics bc  
Fort Nelson, B.C.  
www.canam.com

BCGS 1031.028, 1031.029  
SCALE = 1 : 5,000  
SHEET 11 OF 21



FIELD:

CAN-AM FILE: N20120168

CLIENT FILE:

AFE No.:

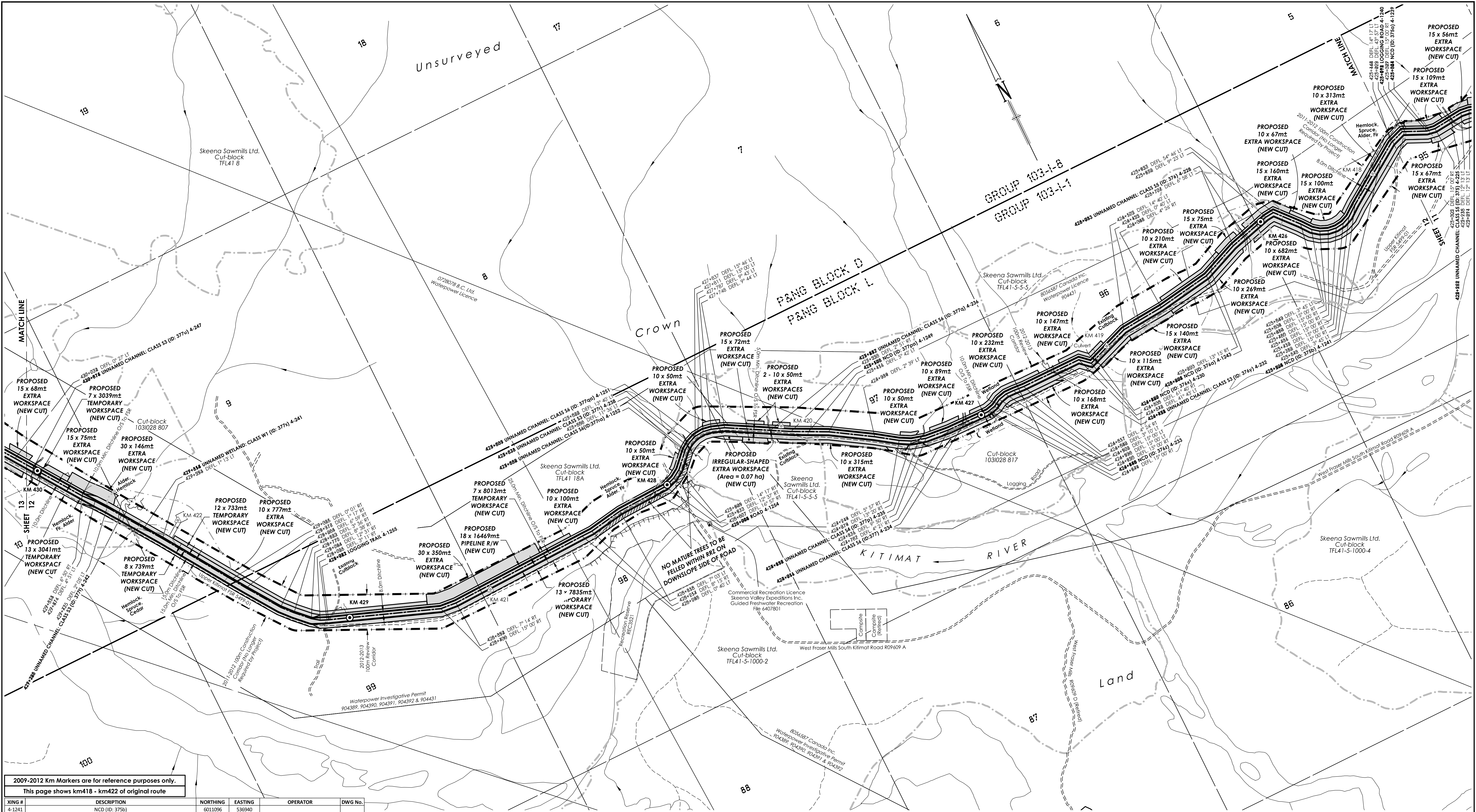
CAD FILE: N20120168PLSecPg11-L-Rev4\_30

LAND FILE:

DATE: 12/12/13

EPASS: 10044340

4  
REVISION



| 2009-2012 Km Markers are for reference purposes only. |                                      |          |         |          |
|-------------------------------------------------------|--------------------------------------|----------|---------|----------|
| This page shows km418 - km422 of original route       |                                      |          |         |          |
| XING #                                                | DESCRIPTION                          | NORTHING | EASTING | OPERATOR |
| 4-1241                                                | NCD (ID: 375b)                       | 6011096  | 536940  |          |
| 4-1242                                                | UNNAMED CHANNEL: CLASS S4 (ID: 376)  | 6011073  | 536497  |          |
| 4-1243                                                | NCD (ID: 376a)                       | 6011025  | 536367  |          |
| 4-1244                                                | NCD (ID: 376b)                       | 6010943  | 535963  |          |
| 4-1245                                                | UNNAMED CHANNEL: CLASS S3 (ID: 376c) | 6010961  | 535839  |          |
| 4-1246                                                | NCD (ID: 376d)                       | 6010942  | 535625  |          |
| 4-1247                                                | UNNAMED CHANNEL: CLASS S6 (ID: 377)  | 6010942  | 535549  |          |
| 4-1248                                                | UNNAMED CHANNEL: CLASS S4 (ID: 377a) | 6010955  | 535409  |          |
| 4-1249                                                | NCD (ID: 377b)                       | 6011113  | 535136  |          |
| 4-1250                                                | UNNAMED CHANNEL: CLASS S6 (ID: 377c) | 6011164  | 535040  |          |
| 4-1251                                                | UNNAMED CHANNEL: CLASS S6 (ID: 377d) | 6011241  | 534838  |          |
| 4-1252                                                | UNNAMED CHANNEL: CLASS S3 (ID: 377e) | 6011227  | 534808  |          |
| 4-1253                                                | UNNAMED CHANNEL: CLASS S6 (ID: 377f) | 6011217  | 534795  |          |
| 4-1254                                                | ROAD                                 | 6011149  | 534664  | MOF      |
| 4-1255                                                | LOGGING TRAIL                        | 6011228  | 533672  | MOF      |
| 4-1256                                                | UNNAMED WETLAND: CLASS W1 (ID: 377g) | 6011692  | 533312  |          |
| 4-1257                                                | UNNAMED CHANNEL: CLASS S3 (ID: 377h) | 6011752  | 533270  |          |
| 4-1258                                                | UNNAMED CHANNEL: CLASS S3 (ID: 377i) | 6011983  | 533102  |          |

NOTES:

All underground facilities shown were located with electronic locators and may be subject to error. Actual locations should be verified independently by the contractor in field prior to any crossings. Plus chainages shown are horizontal distances measured along the surveyed boundary of the right-of-way.

LEGEND:

- Drainage shown thus:
- Seismic Line shown thus:
- 2012-2013 Review Corridor shown thus:
- Buried Pipe shown thus:
- 2011-2012 Construction Corridor No Longer Required shown thus:
- Fence line shown thus:
- Crossing Numbers shown thus:
- Powerpole & guy wire shown thus:
- Cut block/Woodlot boundary
- Top of bank/break in slope
- Above ground pipe shown thus:
- A.L.R. boundary shown thus:
- 2013 KM Markers shown thus:
- 2009-2012 KM Markers shown thus:
- NVC - Non Visible Channel
- Vegetation Change shown thus:
- Logging Trail shown thus:
- Forest Service Road shown thus:
- Buried Cable shown thus:
- Overhead Powerlines shown thus:
- Community Forest boundary:
- BC - Begin Curve; EC - End Curve
- Hooked Parcel shown thus:

- 4-1000 PP
- 4-1000 A.L.R.
- 4-1000 KM 0
- 4-1000 KM 0

| No. | REVISIONS                                 | BY    | DATE [YY/MM/DD] | CKD |
|-----|-------------------------------------------|-------|-----------------|-----|
| 0   | Original Plan Issued                      | WC/OT | 12/12/13        | CD  |
| 1   | Revised Workspaces                        | WC    | 13/02/04        | CD  |
| 2   | Updated 3D Chainages and KM Posts         | WC    | 13/04/12        | BP  |
| 3   | Revised Project Areas (Nimbus), New EPASS | OT    | 13/10/10        | BP  |
| 4   | Revised Crossings on Page 4, New EPASS    | OT    | 13/10/17        | BP  |

APPROVED BY

PROJECT ENGINEER

**PACIFIC TRAIL PIPELINES MANAGEMENT INC.**

**PLAN SHOWING PROPOSED 18m PIPELINE FROM b-44-L, 93-L-4 TO DL 6084 (b-24-G, 103-L-2)**

can-am geomatics

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Fort Nelson, B.C.  
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BCGS 1031.028  
SCALE = 1 : 5,000  
SHEET 12 OF 21

**FIELD:**

**CAN-AM FILE: N20120168**

CLIENT FILE:

AFE No.:

CAD FILE: N20120168PLSecPg1-L-4rev4\_30

LAND FILE:

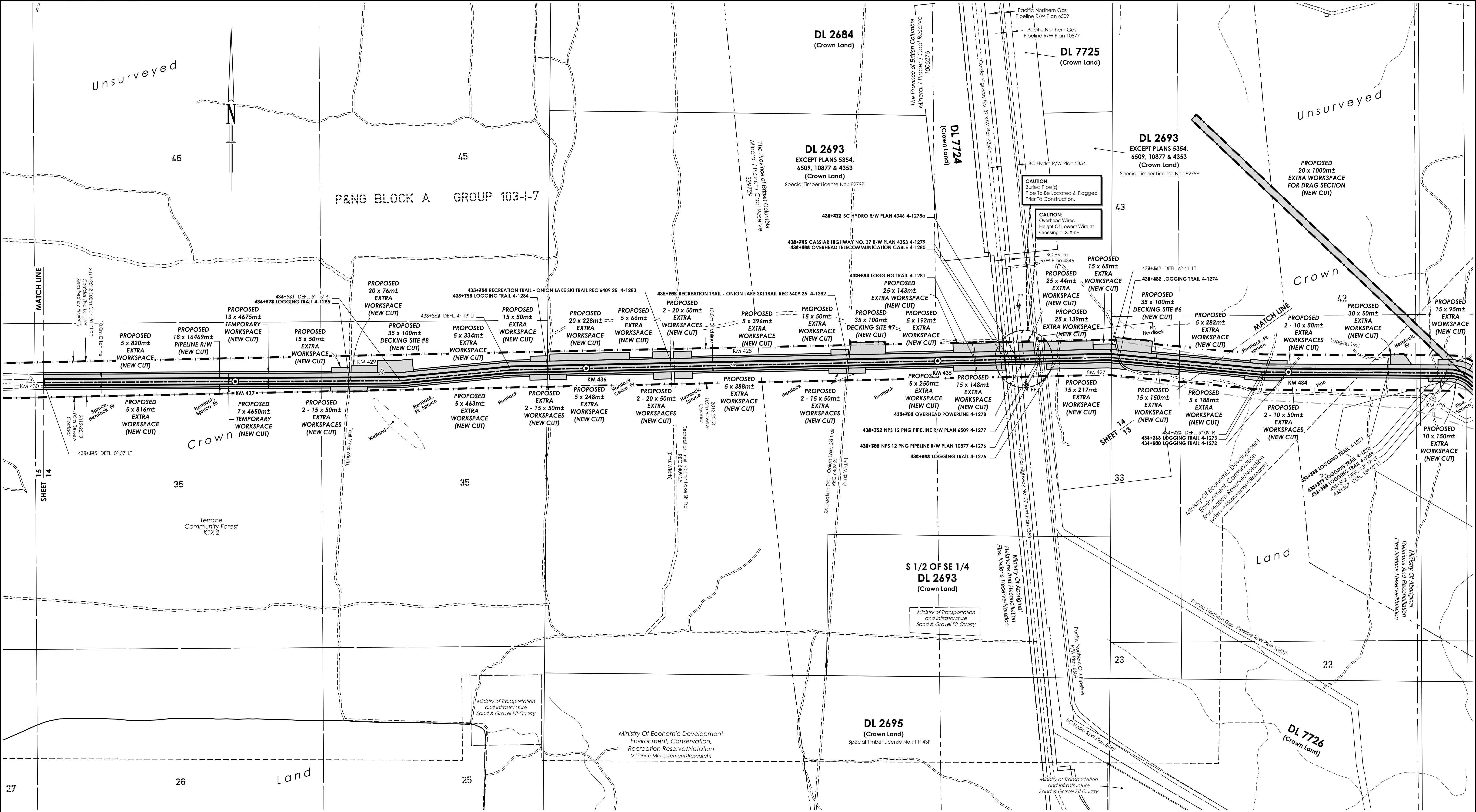
DATE: 12/12/13

EPASS: 10044340

**REVISION**

4





| XING #  | DESCRIPTION                                         | NORTHING | EASTING | OPERATOR | DWG No. |
|---------|-----------------------------------------------------|----------|---------|----------|---------|
| 4-1274  | LOGGING TRAIL                                       | 6015010  | 530642  | MOF      |         |
| 4-1275  | LOGGING TRAIL                                       | 6015010  | 530470  | MOF      |         |
| 4-1276  | NPS 12 PNG PIPELINE R/W PLAN 10877                  | 6015009  | 530420  | PNG      |         |
| 4-1277  | NPS 12 PNG PIPELINE R/W PLAN 6509                   | 6015009  | 530413  | PNG      |         |
| 4-1278  | OVERHEAD POWERLINE                                  | 6015008  | 530371  | BC HYDRO |         |
| 4-1278a | BC HYDRO R/W PLAN 4346                              | 6015008  | 530353  | BC HYDRO |         |
| 4-1279  | CASSIAR HIGHWAY NO. 37 R/W PLAN 4353                | 6015007  | 530331  | MOFH     |         |
| 4-1280  | OVERHEAD TELECOMMUNICATION CABLE                    | 6015007  | 530318  | TELUS    |         |
| 4-1281  | LOGGING TRAIL                                       | 6015005  | 530232  | MOF      |         |
| 4-1282  | RECREATION TRAIL - ONION LAKE SKI TRAIL REC 6409 25 | 6014998  | 529871  | MOF      |         |
| 4-1283  | RECREATION TRAIL - ONION LAKE SKI TRAIL REC 6409 25 | 6014987  | 529372  | MOF      |         |
| 4-1284  | LOGGING TRAIL                                       | 6014979  | 529017  | MOF      |         |
| 4-1285  | LOGGING TRAIL                                       | 6014946  | 528453  | MOF      |         |

2009-2012 Km Markers are for reference purposes only.

This page shows km426 - km430 of original route

NOTES:

All underground facilities shown were located with electronic locators and may be subject to error. Actual locations should be verified independently by the contractor in field prior to any crossings. Plus chainages shown are horizontal distances measured along the surveyed boundary of the right-of-way.

LEGEND:

Drainage shown thus:

Seismic Line shown thus:

2012-2013 Review Corridor shown thus:

Buried Pipe shown thus:

2011-2012 Construction Corridor No Longer Required shown thus:

Fence line shown thus:

Crossing Numbers shown thus:

Powerpole & guy wire shown thus:

Cut block/Woodlot boundary

Top of bank/break in slope

Above ground pipe shown thus:

A.L.R. boundary shown thus:

2013 Km Markers shown thus:

2009-2012 Km Markers shown thus:

NVC - Non Visible Channel

Vegetation Change shown thus:

Logging Trail shown thus:

Forest Service Road shown thus:

Buried Cable shown thus:

Overhead Powerlines shown thus:

Community Forest boundary:

BC - Begin Curve; EC - End Curve

Hooked Parcel shown thus:

| No. | REVISIONS                                 | BY    | DATE (YY/MM/DD) | CKD |
|-----|-------------------------------------------|-------|-----------------|-----|
| 0   | Original Plan Issued                      | WC/OT | 12/12/13        | CD  |
| 1   | Revised Workspaces                        | WC    | 13/02/04        | CD  |
| 2   | Updated 3D Chainages and KM Posts         | WC    | 13/04/12        | BP  |
| 3   | Revised Project Areas (Nimbus), New EPASS | OT    | 13/10/10        | BP  |
| 4   | Revised Crossings on Page 4, New EPASS    | OT    | 13/10/17        | BP  |

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PLAN SHOWING PROPOSED  
18m PIPELINE FROM  
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TO DL 6084 (b-24-G, 103-L-2)

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BCGS 1031.028

SCALE = 1 : 5,000

50 0 100 200 300  
METRES

SHEET 14 OF 21

PACIFIC TRAIL PIPELINES

FIELD:  
CAN-AM FILE: N20120168

CLIENT FILE:  
AFE No.:  
CAD FILE: N20120168LSec4Pg1-L-Rev4\_30  
LAND FILE:  
DATE: 12/12/13  
EPASS: 10044340

4  
REVISION