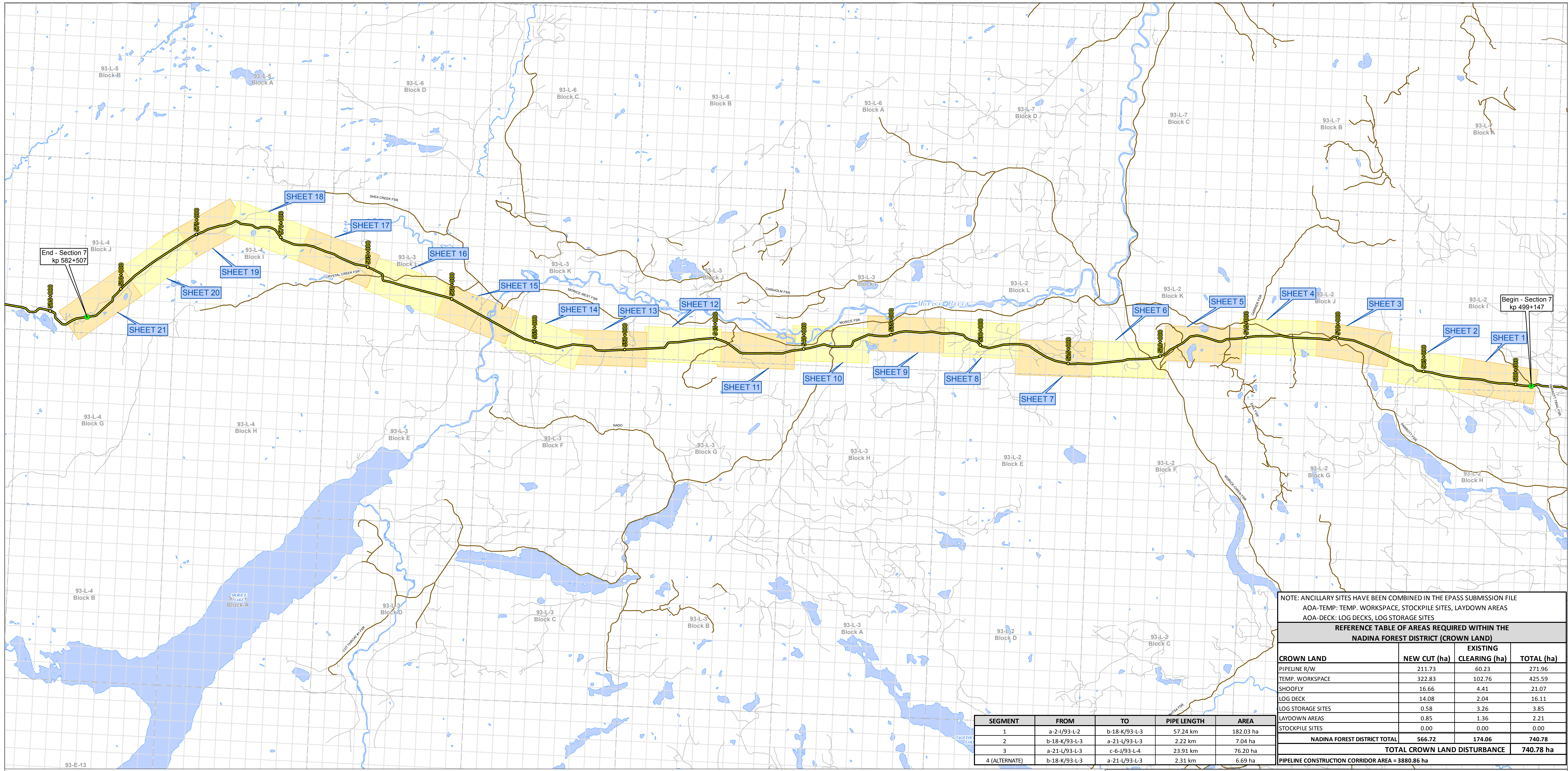


Coastal GasLink
Pipeline Project



**CONSTRUCTION PLANS SHOWING
32.0 & 42.0 PIPELINE RIGHT OF WAY
SECTION 7
FROM
UNIT 2, BLOCK I, 93-L-2
TO
UNIT 6, BLOCK J, 93-L-4
THROUGH SURVEYED AND UNSURVEYED CROWN LAND
RANGE 5 COAST DISTRICT
REV 1**



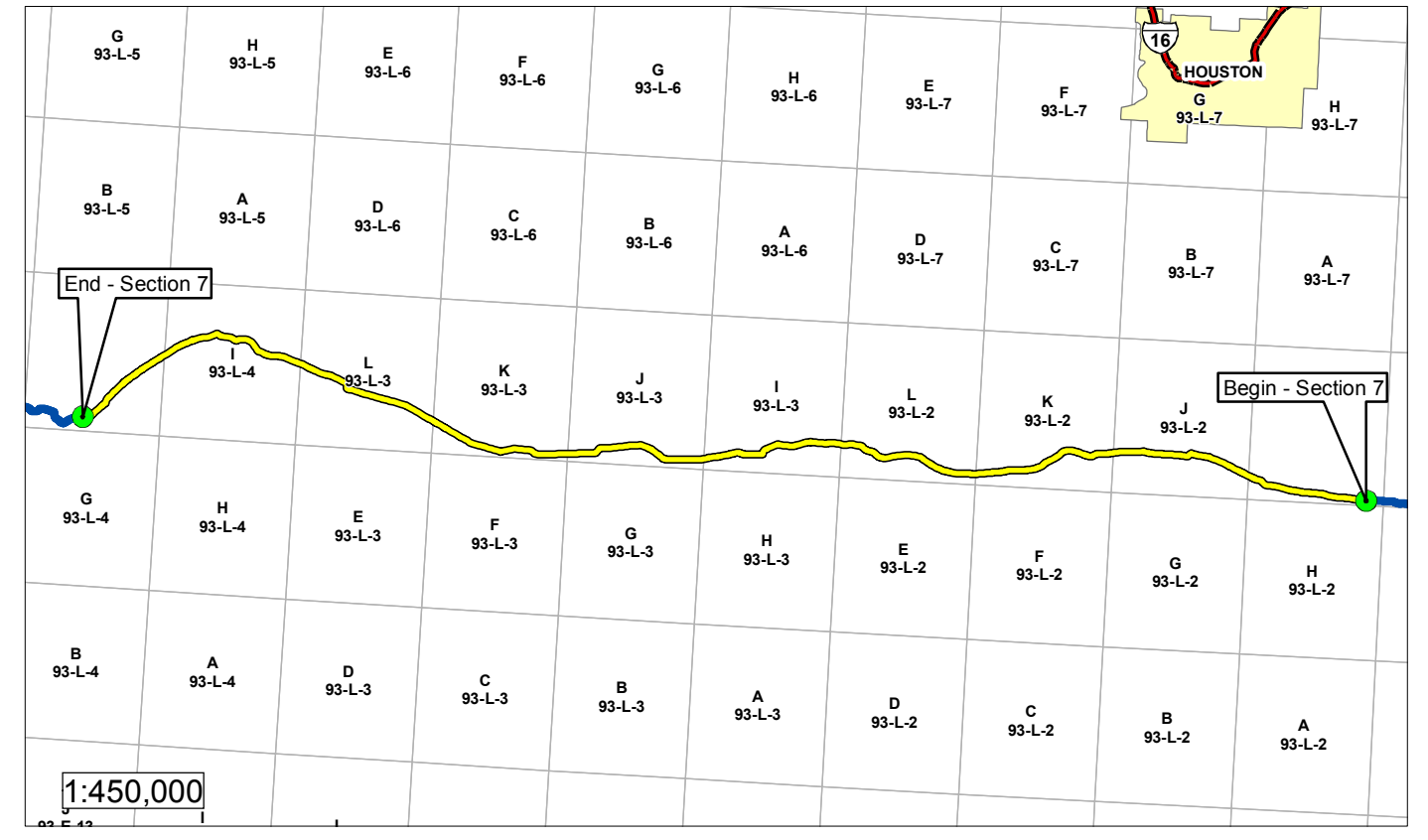
NOTE: ANCILLARY SITES HAVE BEEN COMBINED IN THE EPASS SUBMISSION FILE
 AOA-TEMP: TEMP. WORKSPACE, STOCKPILE SITES, LAYDOWN AREAS
 AOA-DECK: LOG DECKS, LOG STORAGE SITES

REFERENCE TABLE OF AREAS REQUIRED WITHIN THE NADINA FOREST DISTRICT (CROWN LAND)			
CROWN LAND	NEW CUT (ha)	EXISTING CLEARING (ha)	TOTAL (ha)
PIPELINE R/W	211.73	60.23	271.96
TEMP. WORKSPACE	322.83	102.76	425.59
SHOOFLY	16.66	4.41	21.07
LOG DECK	14.08	2.04	16.11
LOG STORAGE SITES	0.58	3.26	3.85
LAYDOWN AREAS	0.85	1.36	2.21
STOCKPILE SITES	0.00	0.00	0.00
NADINA FOREST DISTRICT TOTAL		566.72	740.78
TOTAL CROWN LAND DISTURBANCE		740.78 ha	

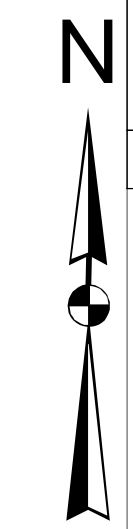
PIPELINE CONSTRUCTION CORRIDOR AREA = 3880.86 ha

SEGMENT	FROM	TO	PIPE LENGTH	AREA
1	a-2-1/93-L-2	b-18-K/93-L-3	57.24 km	182.03 ha
2	b-18-K/93-L-3	a-21-L/93-L-3	2.22 km	7.04 ha
3	a-21-L/93-L-3	c-6-J/93-L-4	23.91 km	76.20 ha
4 (ALTERNATE)	b-18-K/93-L-3	a-21-L/93-L-3	2.31 km	6.69 ha

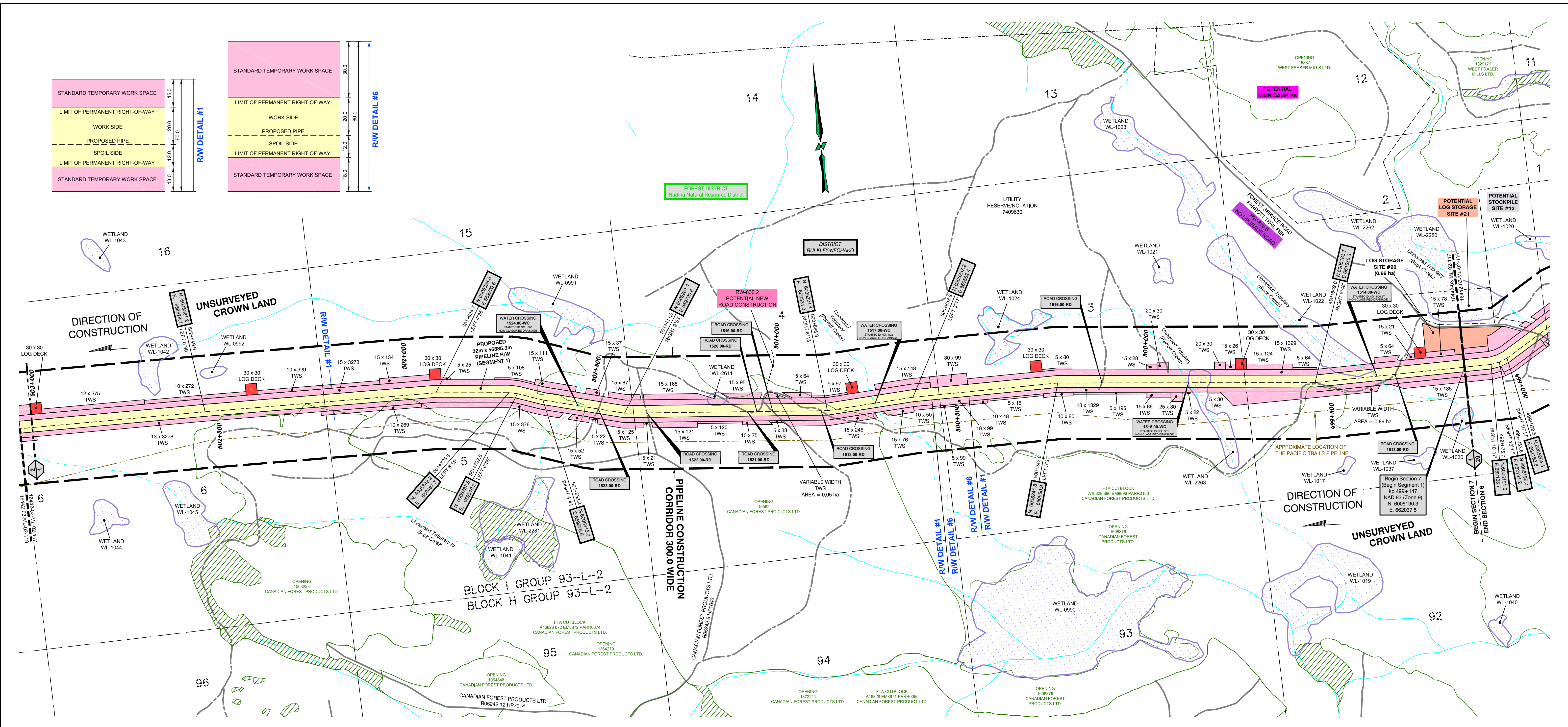
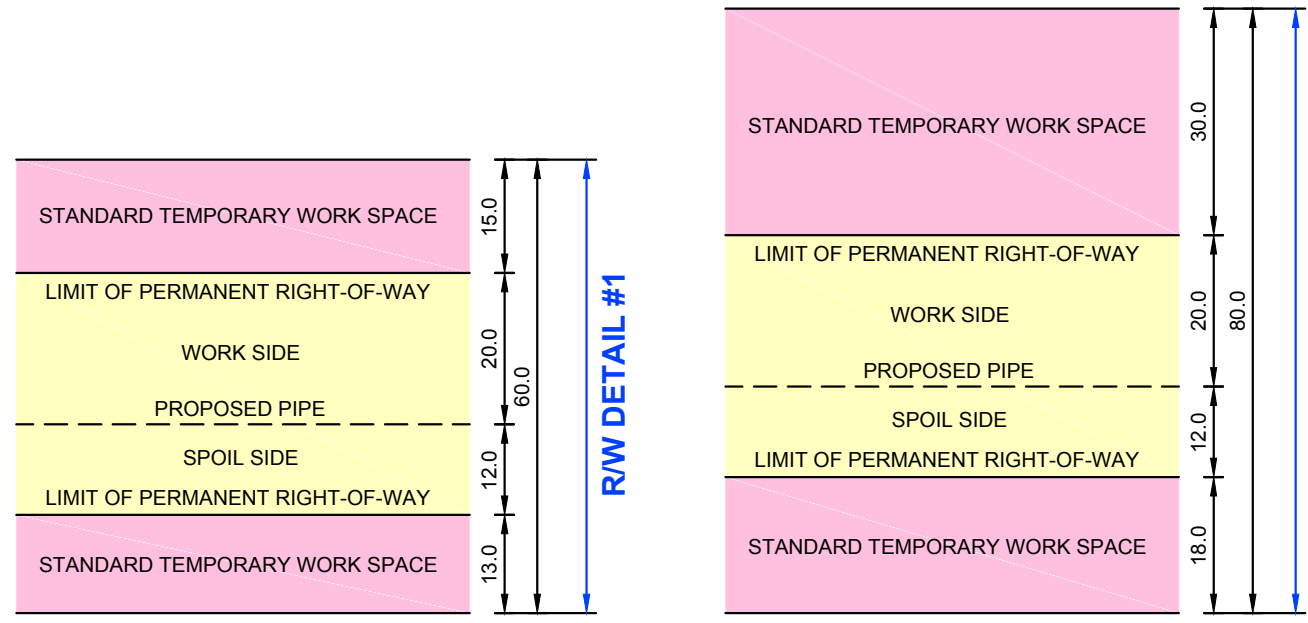
REVISION	KEYPLAN	DATE	REVISION	SHEET No.	DATE
1	Issued Key Plan	18-Nov-14	0	SHEET 11	21-Oct-14
REVISION	SHEET No.	DATE	0	SHEET 12	21-Oct-14
0	SHEET 1	21-Oct-14	0	SHEET 13	21-Oct-14
0	SHEET 2	21-Oct-14	0	SHEET 14	21-Oct-14
0	SHEET 3	21-Oct-14	0	SHEET 15	21-Oct-14
0	SHEET 4	21-Oct-14	0	SHEET 16	21-Oct-14
0	SHEET 5	21-Oct-14	0	SHEET 17	21-Oct-14
0	SHEET 6	21-Oct-14	0	SHEET 18	21-Oct-14
0	SHEET 7	21-Oct-14	0	SHEET 19	21-Oct-14
0	SHEET 8	21-Oct-14	0	SHEET 20	21-Oct-14
0	SHEET 9	21-Oct-14	0	SHEET 21	21-Oct-14
0	SHEET 10	21-Oct-14			



- Legend**
- Section Start / End
 - Coastal GasLink Pipeline
 - Highway
 - Railway
 - Lake / Water Body
 - Municipal Boundary
 - Preliminary Pipe Profile Chainage



COASTAL GASLINK PIPELINE LTD.
CONSTRUCTION PLANS SHOWING
32.0 & 42.0 PIPELINE RIGHT OF WAY
SECTION 7
FROM UNIT 2, BLOCK I, 93-L-2
TO UNIT 6, BLOCK J, 93-L-4
THROUGH SURVEYED AND UNSURVEYED
CROWN LAND
RANGE 5 COAST DISTRICT



CROSSING / REFERENCE DRAWINGS				
Crossing No.	Chainage	Owner	Description	NAD 83 UTM Zone 9
1513.00-RD	499+336	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005187.2, E=661848.3
1514.00-WC	499+383	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (BUCK CREEK) - NON-CLASSIFIED DRAINAGE - STANTEC ID NO.: 500.3T	N=6005186.4, E=661802.4
1515.00-WC	499+889	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (PARROTT CREEK) - NON-CLASSIFIED DRAINAGE - STANTEC ID NO.: 501	N=6005212.3, E=661298.6
1516.00-RD	500+125	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005231.8, E=661068.4
1517.00-WC	500+736	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (PARROTT CREEK) - NON-CLASSIFIED DRAINAGE - STANTEC ID NO.: 502	N=6005230.1, E=660460.1
1518.00-RD	500+857	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005221.7, E=660340.8
1519.00-RD	501+037	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005233.6, E=660162.2
1520.00-RD	501+057	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005235.0, E=660142.5
1521.00-RD	501+084	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005237.0, E=660115.1
1522.00-RD	501+356	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005257.0, E=659845.8
1523.00-RD	501+479	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005277.7, E=659724.3
1524.00-WC	501+538	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY TO BUCK CREEK - NON-CLASSIFIED DRAINAGE - STANTEC ID NO.: 503	N=6005291.8, E=659668.4

LEGEND:	
Proposed Pipeline shown thus:	--- --
Buried Pipe shown thus:	--- --
Power Pole shown thus:	--- --
Overhead Power Line shown thus:	--- --
Buried Cable shown thus:	--- --
Buried or Overhead Phone Cable shown thus:	--- --
Existing Well Site and Access shown thus:	--- --
Existing Right-of-Way (RW) shown thus:	--- --
Crown Tenure shown thus:	--- --
Center Line of Shoofly / Potential New Road Construction shown thus:	--- --
Recreational Trail shown thus:	--- --
Non-Status Road shown thus:	--- --
MOTI, Permitted and Forest Service Road shown thus:	--- --
Numbered Highway shown thus:	--- --
Railway shown thus:	--- --
Hydrology (TRIM Data) shown thus:	--- --
Hydrology (TRIM Data) NCD/NVD shown thus:	--- --
Draws shown thus:	--- --
Wetlands shown thus:	--- --
Riparian Management Zone (RMZ) shown thus:	--- --
Riparian Reserve Zone (RRZ) shown thus:	--- --
Potential Ancillary Site shown thus:	--- --
Fence Line shown thus:	--- --
Tree / Bush Line shown thus:	--- --
Forest Cut Block / Opening shown thus:	--- --
Tree Farm Licence shown thus:	--- --
Wildlife Tree Retention shown thus:	--- --
Woodlots shown thus:	--- --
Parks and Protected Areas shown thus:	--- --
Permanent Right-of-Way (RW) shown thus:	--- --
Temporary Workspace (TWS) shown thus:	--- --
Log Deck shown thus:	--- --
Shoofly Road shown thus:	--- --
Laydown shown thus:	--- --
Log Storage Site shown thus:	--- --
Stockpile Site shown thus:	--- --
Alternate Right-of-Way (RW) shown thus:	--- --
Alternate Temporary Work Space (TWS) shown thus:	--- --
Alternate Log Deck shown thus:	--- --

Pipeline Construction Corridor shown thus:	--- --
Range Tenure shown thus:	--- --
Old Growth Management Area shown thus:	--- --
Agricultural Land Reserve (ALR) shown thus:	--- --
Ungulate Winter Range shown thus:	--- --
Mineral Claim / Lease shown thus:	--- --
Visual Sensitivity Boundary shown thus:	--- --
Wildlife Habitat shown thus:	--- --
Generic Well Symbol shown thus:	--- --
Proposed Block Valve shown thus:	--- --
Dwelling shown thus:	--- --
Pf's shown thus:	--- --
(Pf's Greater Than 14' Shown Red)	--- --
Change in Direction of Construction shown thus:	--- --
Construction Plan Match Line shown thus:	--- --
Alignment Plan Match Line shown thus:	--- --
Off Right-of-Way Crossing shown thus:	--- --
Preliminary Pipe Profile Chainage shown thus:	--- --
(Chainages shown are on ditch line.)	--- --

BCGS: 93L.012, 93L.013, 93L.014, 93L.015, 93L.016, 93L.017, 93L.018, 93L.022, 93L.023
EPASS No.: 10049409
NOTE: Water Course Crossing Information and New Cut / Existing Cut Information provided to Survey by Coastal GasLink Pipeline Ltd. for the Coastal GasLink Pipeline Project.
NOTE: Refer to Key Plan for Area Table Information.
REVISION / ISSUED
No. Date Description Drawn By CKD By
1 OCTOBER 20, 2014 - PLAN ISSUED K.P.J.C. R.D./K.L.

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PROJECT INFORMATION:
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 - To be flagged at time of construction.
 - Partially within the Agricultural Land Reserve (ALR)
 - Within the South West OGC Zone

NOTE:
 - Co-ordinates are UTM Grid NAD 83, Zone 9N. Reference Meridian 129°
 - Distances are ground and in metres and decimals thereof

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British Columbia One Call: 1-800-474-6886

COASTAL GASLINK PIPELINE LTD.

**CONSTRUCTION PLAN SHOWING
32.0 & 42.0 PIPELINE RIGHT OF WAY
SECTION 7**

FROM
UNIT 2, BLOCK I, 93-L-2
TO
UNIT 6, BLOCK J, 93-L-4

**THROUGH SURVEYED AND UNSURVEYED CROWN LAND
RANGE 5 COAST DISTRICT**

SCALE - 1:5000

100 75 50 25 0 25 50 100 150 200 METRES

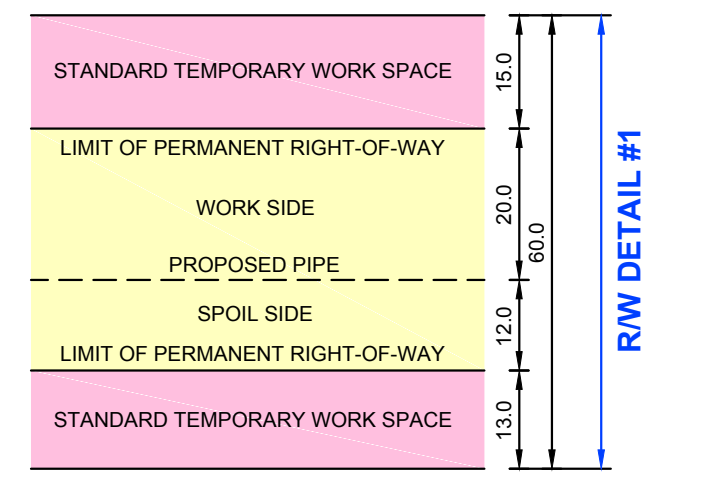
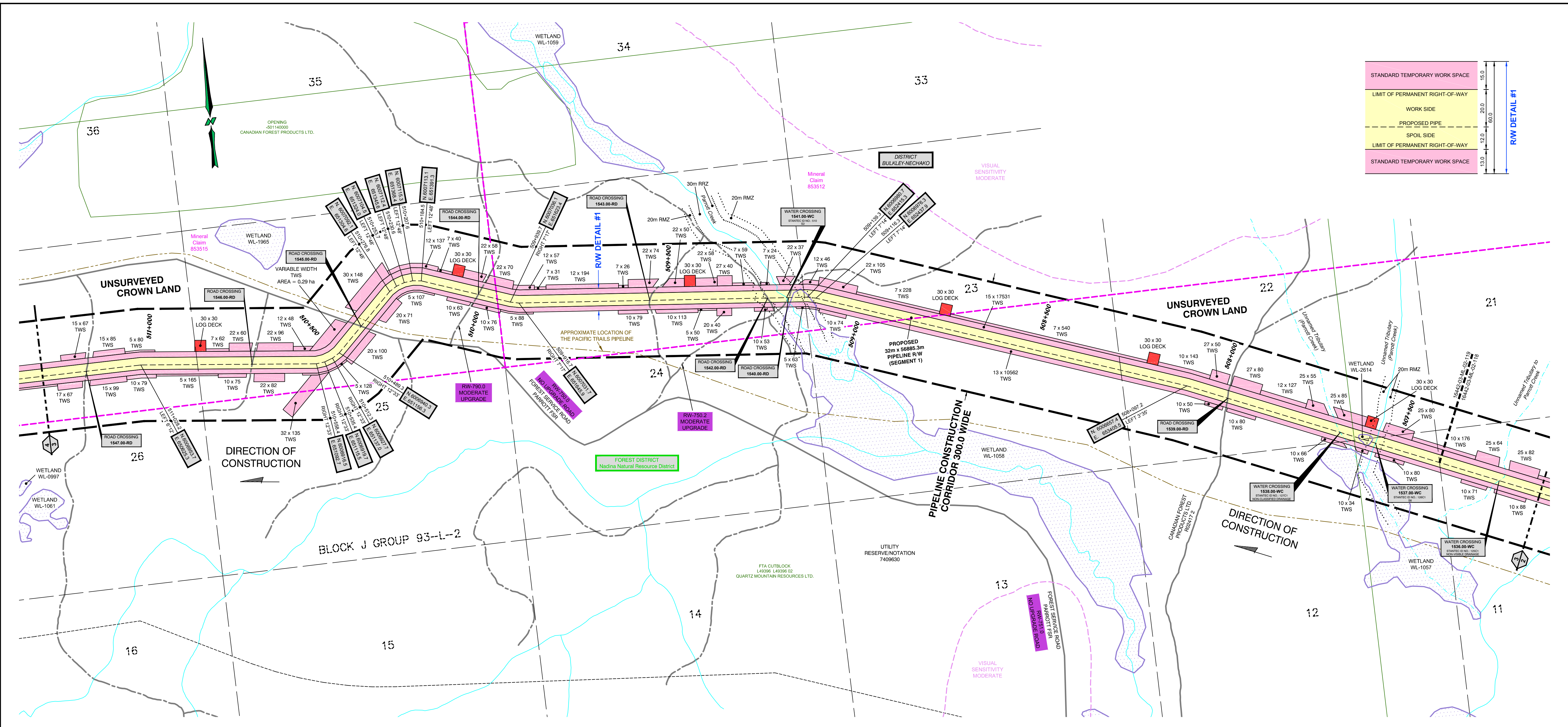
16442-08-ML-02-165

Sheet 1 of 21

Route Reference: RevE1 Oct 20, 2014

Document No. CGW4703-MCSL-G-MP-424-001 Rev 0

McELHANNEY
 8808 - 72nd Street
 Fort St. John, British Columbia
 Phone: (250) 787-0356
 3111-21422



CROSSING / REFERENCE DRAWINGS				
Crossing No.	Chainage	Owner	Description	NAD 83 UTM Zone 9
1536.00-WC	507+224	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY TO PARROTT CREEK - NON-VISIBLE DRAINAGE - STANTEC ID NO.: 125C1	N=6006333.2, E=654214.6
1537.00-WC	507+570	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (PARROTT CREEK) - S6 - STANTEC ID NO.: 126C1	N=6006461.6, E=653389.0
1538.00-WC	507+668	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (PARROTT CREEK) - NON-CLASSIFIED DRAINAGE - STANTEC ID NO.: 127C1	N=6006498.2, E=653802.7
1539.00-RD	507+986	CANADIAN FOREST PRODUCTS LTD.	ROAD - PERMITTED ROAD - R02417.2 - LOW GRADE	N=6006616.0, E=653505.5
1540.00-RD	509+190	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006984.0, E=652365.1
1541.00-WC	509+195	CROWN	WATER CROSSING - WATERCOURSE - PARROTT CREEK - S2 - STANTEC ID NO.: 510	N=6006984.4, E=652359.4
1542.00-RD	509+252	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - LOW GRADE	N=6006988.0, E=652303.8
1543.00-RD	509+563	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6007008.5, E=651994.8
1544.00-RD	510+029	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6007064.1, E=651538.9
1545.00-RD	510+400	DISTRICT MANAGER NADINA (DND)	ROAD - FOREST SERVICE ROAD - FOREST SERVICE - 9772 01 - PARROTT FSR - HIGH GRADE	N=6007003.7, E=651218.3
1546.00-RD	510+733	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006930.3, E=650918.9
1547.00-RD	511+170	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006949.6, E=650484.3

LEGEND:

Proposed Pipeline shown thus:

Buried Pipe shown thus:

Power Pole shown thus:

Overhead Power Line shown thus:

Buried Cable shown thus:

Buried or Overhead Phone Cable shown thus:

Existing Well Site and Access shown thus:

Existing Right-of-Way (RW) shown thus:

Crown Tenure shown thus:

Center Line of Shoofly / Potential New Road Construction shown thus:

Recreational Trail shown thus:

Non-Status Road shown thus:

MOTI, Permitted and Forest Service Road shown thus:

Numbered Highway shown thus:

Railway shown thus:

Hydrology (TRIM Data) shown thus:

Hydrology (TRIM Data) NCD/NVD shown thus:

Draws shown thus:

Wetlands shown thus:

Riparian Management Zone (RMZ) shown thus:

Riparian Reserve Zone (RRZ) shown thus:

Potential Ancillary Site shown thus:

Fence Line shown thus:

Tree / Bush Line shown thus:

Forest Cut Block / Opening shown thus:

Tree Farm Licence shown thus:

Wildlife Tree Retention shown thus:

Woodlots shown thus:

Parks and Protected Areas shown thus:

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Log Deck shown thus:

Shoofly Road shown thus:

Laydown shown thus:

Log Storage Site shown thus:

Stockpile Site shown thus:

Alternate Right-of-Way (RW) shown thus:

Alternate Temporary Work Space (TWS) shown thus:

Alternate Log Deck shown thus:

Pipeline Construction Corridor shown thus:

Range Tenure shown thus:

Old Growth Management Area shown thus:

Agricultural Land Reserve (ALR) shown thus:

Ungulate Winter Range shown thus:

Mineral Claim / Lease shown thus:

Visual Sensitivity Boundary shown thus:

Wildlife Habitat shown thus:

Generic Well Symbol shown thus:

Proposed Block Valve shown thus:

Dwelling shown thus:

Pt's shown thus:

(Pt's Greater Than 14' Shown Red)

Change in Direction of Construction shown thus:

Change in Direction of Construction

Construction Plan Match Line shown thus:

Alignment Plan Match Line shown thus:

Off Right-of-Way Crossing shown thus:

Preliminary Pipe Profile Chainage shown thus:

(Chainages shown are on ditch line.)

BCGS: 93L.012, 93L.013, 93L.014, 93L.015, 93L.016, 93L.017, 93L.018, 93L.022, 93L.023

EPASS No.: 10049409

NOTE: Water Course Crossing Information and New Cut / Existing Cut Information provided to Survey by Coastal GasLink Pipeline Ltd. for the Coastal GasLink Pipeline Project.

NOTE: Refer to Key Plan for Area Table Information.

REVISION / ISSUED

No.	Date	Description	Drawn By	CKD By
1	OCTOBER 20, 2014	- PLAN ISSUED	K.P.J.C.	R.D./K.L.

McELHANNAY
8808 - 72nd Street
Fort St. John, British Columbia
Phone: (250)787-0356
3111-21422

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British Columbia One Call: 1-800-474-6886

Coastal GasLink Pipeline Project

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COASTAL GASLINK PIPELINE LTD.

CONSTRUCTION PLAN SHOWING
32.0 & 42.0 PIPELINE RIGHT OF WAY
SECTION 7

FROM
UNIT 2, BLOCK I, 93-L-2
TO
UNIT 6, BLOCK J, 93-L-4

THROUGH SURVEYED AND UNSURVEYED CROWN LAND
RANGE 5 COAST DISTRICT

SCALE - 1:5000

100 75 50 25 0 200 METRES

16442-08-ML-02-167

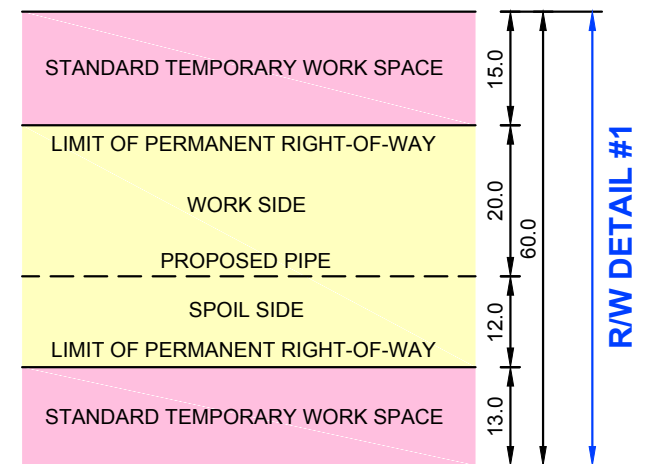
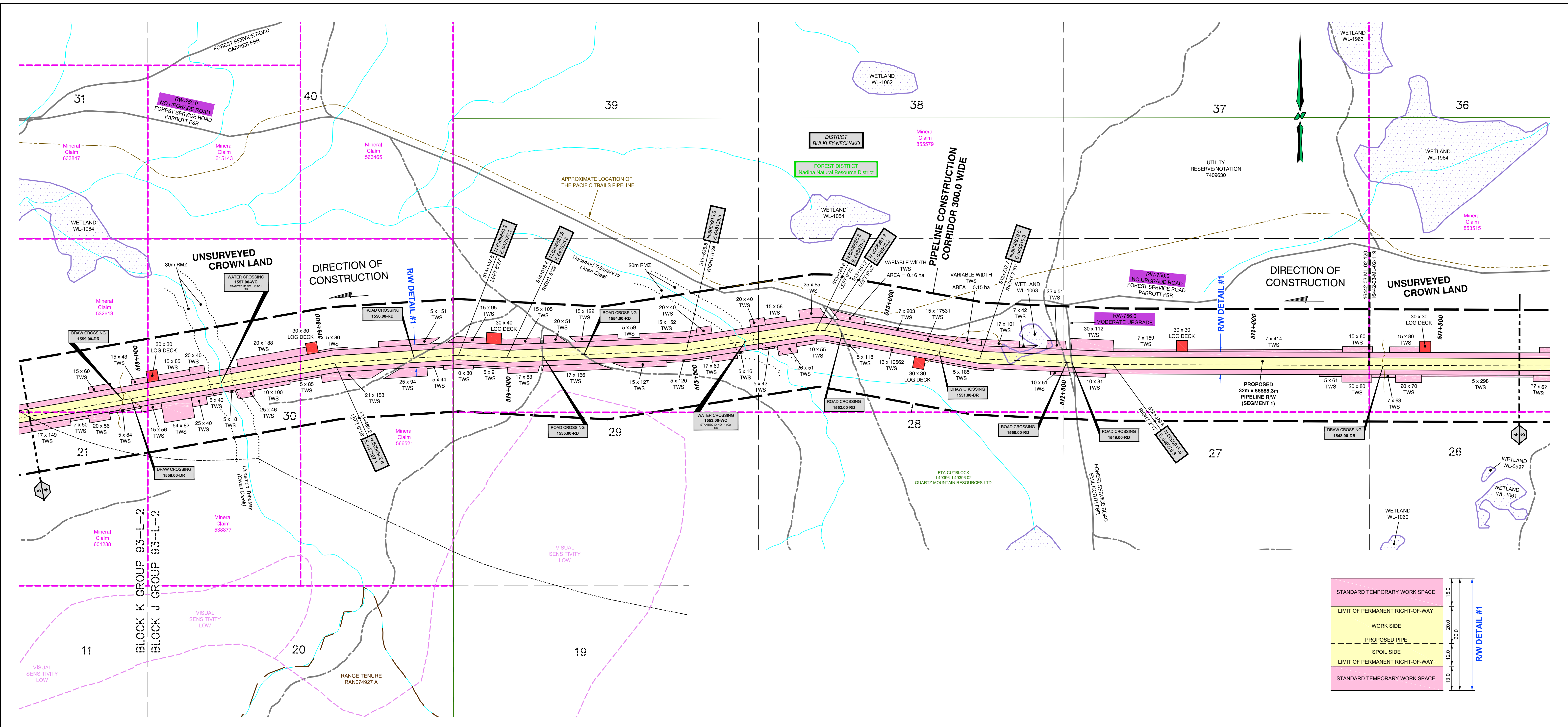
Sheet 3 of 21

Route Reference: RevE1

Oct 20, 2014

Document No. CGW4703-MCSL-G-MP-424-003

Rev 0



CROSSING / REFERENCE DRAWINGS				
Crossing No.	Chainage	Owner	Description	NAD 83 UTM Zone 9
1548.00-DR	511+658	CROWN	DRAW	N=6006935.6, E=649997.0
1549.00-RD	512+496	DISTRICT MANAGER NADINA (DND)	ROAD - FOREST SERVICE ROAD - FOREST TENURE - 9939 20 - EMIL NORTH FSR - HIGH GRADE	N=6006916.3, E=649160.2
1550.00-RD	512+507	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006916.4, E=649149.9
1551.00-DR	512+849	CROWN	DRAW	N=6006935.2, E=648810.5
1552.00-RD	513+110	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006973.6, E=648553.1
1553.00-WC	513+377	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY TO OWEN CREEK - S6 - STANTEC ID NO.: 129C1	N=6006945.6, E=648292.3
1554.00-RD	513+805	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006897.0, E=647868.4
1555.00-RD	513+926	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006888.2, E=647747.7
1556.00-RD	514+267	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006972.9, E=647408.8
1557.00-WC	514+791	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (OWEN CREEK) - S6 - STANTEC ID NO.: 129C1	N=6006789.9, E=646895.0
1558.00-DR	515+038	CROWN	DRAW	N=6006740.3, E=646656.2
1559.00-DR	515+060	CROWN	DRAW	N=6006735.9, E=646634.8

LEGEND:

Proposed Pipeline shown thus:

Buried Pipe shown thus:

Power Pole shown thus:

Overhead Power Line shown thus:

Buried Cable shown thus:

Buried or Overhead Phone Cable shown thus:

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Existing Right-of-Way (RW) shown thus:

Crown Tenure shown thus:

Center Line of Shoofly / Potential New Road Construction shown thus:

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Dwelling shown thus:

Pf's shown thus:

(Pf's Greater Than 14' Shown Red)

Change in Direction of Construction shown thus:

Change in Direction of Construction shown thus:

Construction Plan Match Line shown thus:

Alignment Plan Match Line shown thus:

Off Right-of-Way Crossing shown thus:

Preliminary Pipe Profile Chainage shown thus:

(Chainages shown are on ditch line.)

BCGS: 93L.012, 93L.013, 93L.014, 93L.015, 93L.016, 93L.017, 93L.018, 93L.022, 93L.023

EPASS No.: 10049409

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NOTE: Refer to Key Plan for Area Table Information.

REVISION / ISSUED

No.	Date	Description	Drawn By	CKD By
1	OCTOBER 20, 2014	- PLAN ISSUED	K.P.J.C.	R.D.K.L.

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32.0 & 42.0 PIPELINE RIGHT OF WAY
SECTION 7

FROM
UNIT 2, BLOCK I, 93-L-2
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THROUGH SURVEYED AND UNSURVEYED CROWN LAND
RANGE 5 COAST DISTRICT

SCALE - 1:5000

16442-08-ML-02-168

Sheet 4 of 21

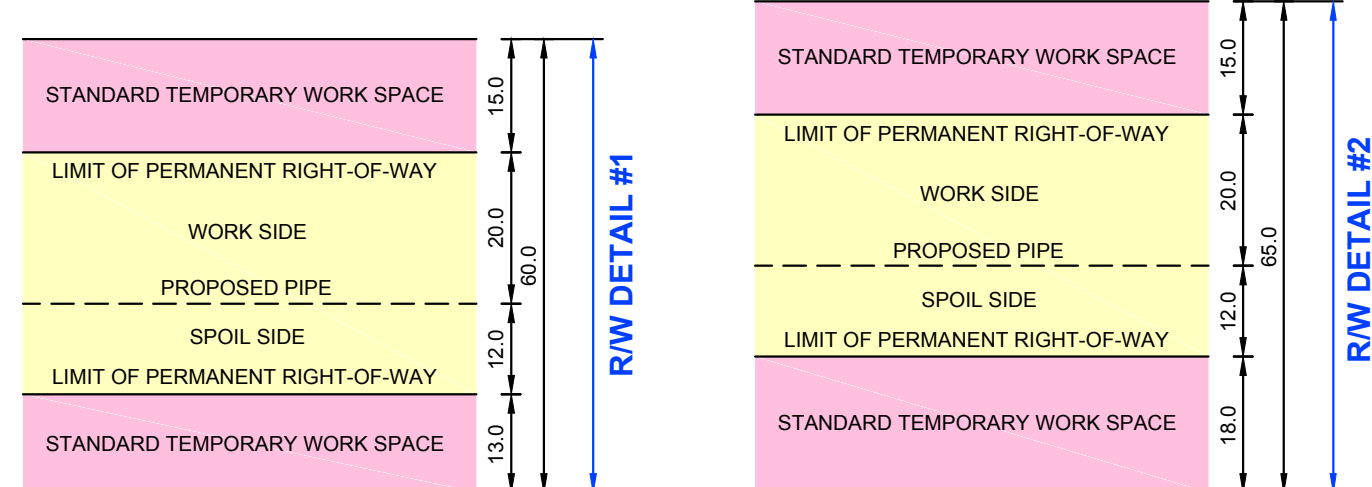
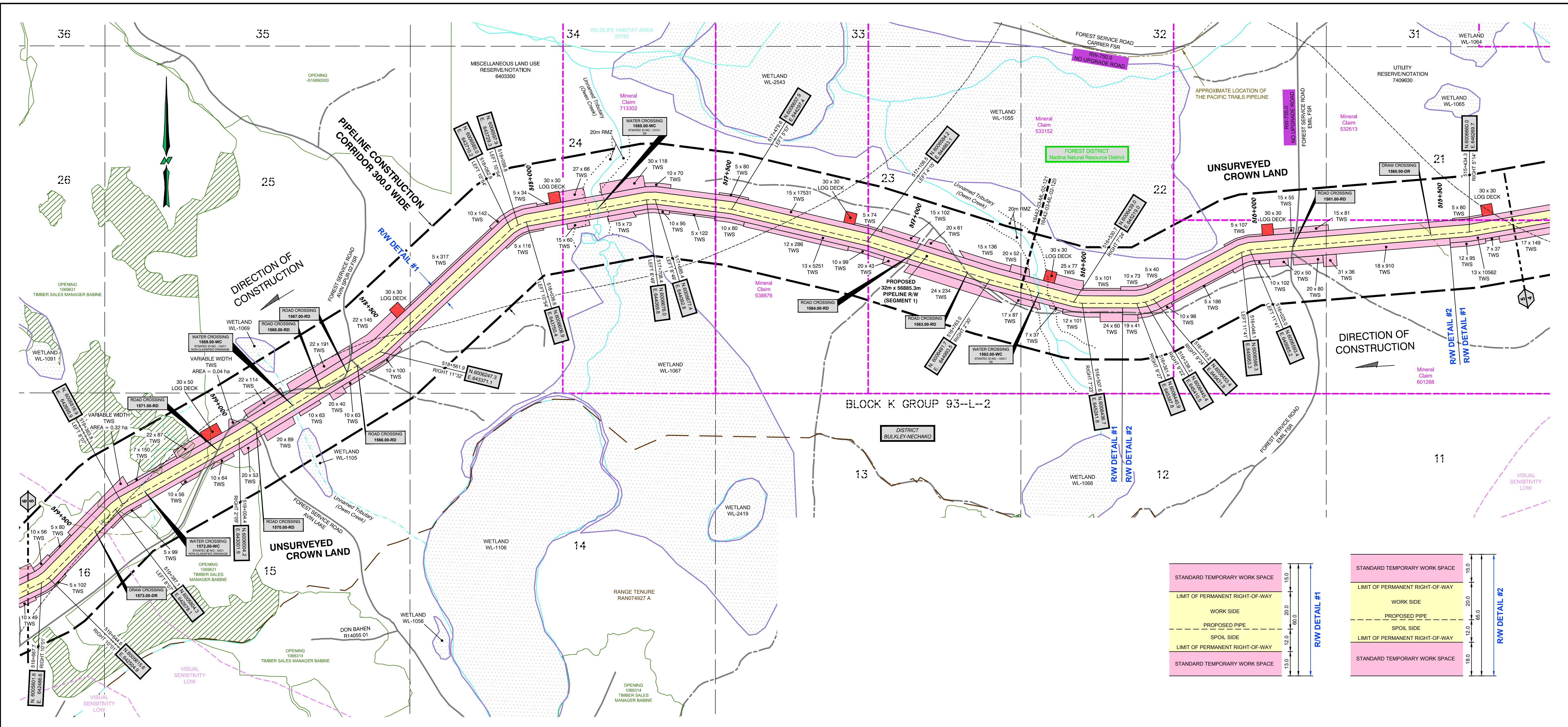
Route Reference: RevE1

Oct 20, 2014

Document No. CGW4703-MCSL-G-MP-424-004

Rev 0

McELHANEY
8808 - 72nd Street
Fort St. John, British Columbia
Phone: (250) 787-0356
3111-21422



CROSSING / REFERENCE DRAWINGS

Crossing No.	Chainage	Owner	Description	NAD 83 UTM Zone 9
1560.00-DR	515+538	CROWN	ROAD - FOREST SERVICE ROAD - FOREST TENURE - 9939 01 - EMIL FSR - HIGH GRADE	N=6006648.4, E=646167.6
1561.00-RD	515+911	DISTRICT MANAGER NADINA (DND)	ROAD - FOREST SERVICE ROAD - FOREST TENURE - 9939 16 - AVIN SPUR 02 FSR - LOW GRADE	N=6006606.2, E=645797.9
1562.00-WC	516+627	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (OWEN CREEK) - 36 - STANTEC ID NO. 130C1	N=6006460.8, E=645125.3
1563.00-RD	516+805	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006502.9, E=644952.9
1564.00-RD	516+983	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006551.0, E=644781.4
1565.00-WC	517+842	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (OWEN CREEK) - 36 - STANTEC ID NO. 131C1	N=6006647.9, E=643940.1
1566.00-RD	518+633	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6006208.1, E=643311.5
1567.00-RD	518+670	DISTRICT MANAGER NADINA (DND)	ROAD - FOREST SERVICE ROAD - FOREST TENURE - 9939 16 - AVIN SPUR 02 FSR - LOW GRADE	N=6006187.6, E=643280.4
1568.00-RD	518+742	DISTRICT MANAGER NADINA (DND)	ROAD - FOREST SERVICE ROAD - FOREST TENURE - 9939 16 - AVIN SPUR 02 FSR - LOW GRADE	N=6006148.0, E=643220.3
1568.00-WC	518+836	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (OWEN CREEK) - NON-CCLASSIFIED DRAINAGE - STANTEC ID NO. 129C1	N=6006096.7, E=643142.3
1570.00-RD	518+948	DISTRICT MANAGER NADINA (DND)	ROAD - FOREST SERVICE ROAD - FOREST TENURE - 9939 12 - AVIN LAKE - LOW GRADE	N=6006034.9, E=643045.5
1571.00-RD	519+072	DISTRICT MANAGER NADINA (DND)	ROAD - FOREST SERVICE ROAD - FOREST TENURE - 9939 12 - AVIN LAKE - LOW GRADE	N=6005969.3, E=642944.2
1572.00-WC	519+295	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY TO OWEN CREEK - NON-CCLASSIFIED DRAINAGE - STANTEC ID NO. 35D1	N=6005854.2, E=642754.3
1573.00-DR	519+467	CROWN	ROAD - FOREST SERVICE ROAD - FOREST TENURE - 9939 12 - AVIN LAKE - LOW GRADE	N=6005745.8, E=642624.4

LEGEND:

Proposed Pipeline shown thus:

Buried Pipe shown thus:

Power Pole shown thus:

Overhead Power Line shown thus:

Buried Cable shown thus:

Buried or Overhead Phone Cable shown thus:

Existing Well Site and Access shown thus:

Existing Right-of-Way (RW) shown thus:

Crown Tenure shown thus:

Center Line of Shoofly / Potential New Road Construction shown thus:

Recreational Trail shown thus:

Non-Status Road shown thus:

MOTI, Permitted and Forest Service Road shown thus:

Numbered Highway shown thus:

Railway shown thus:

Hydrology (TRIM Data) shown thus:

Hydrology (TRIM Data) NCD/NVD shown thus:

Wetlands shown thus:

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Tree Farm Licence shown thus:

Wildlife Tree Retention shown thus:

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Log Storage Site shown thus:

Stockpile Site shown thus:

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Alternate Log Deck shown thus:

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Ungulate Winter Range shown thus:

Mineral Claim / Lease shown thus:

Visual Sensitivity Boundary shown thus:

Wildlife Habitat shown thus:

Generic Well Symbol shown thus:

Proposed Block Valve shown thus:

Dwelling shown thus:

Pf's shown thus:

(Pf's Greater Than 14' Show Red)

Change in Direction of Construction shown thus:

Change in Direction of Construction shown thus:

Construction Plan Match Line shown thus:

Alignment Plan Match Line shown thus:

Off Right-of-Way Crossing shown thus:

Preliminary Pipe Profile Chainage shown thus:

(Changes shown are on ditch line.)

BCGS: 93L.012, 93L.013, 93L.014, 93L.015, 93L.016, 93L.017, 93L.018, 93L.022, 93L.023

EPASS No.: 10049409

NOTE: Water Course Crossing Information and New Cut / Existing Cut Information provided to Survey by Coastal GasLink Pipeline Ltd. for the Coastal GasLink Pipeline Project.

NOTE: Refer to Key Plan for Area Table Information.

REVISION / ISSUED

No.	Date	Description	Drawn By	CKD By
1	OCTOBER 20, 2014	- PLAN ISSUED	K.P.J.C.	R.D./K.L.

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PROJECT INFORMATION:

THE PROPOSED PROJECT IS:

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- Partially within the Agricultural Land Reserve (ALR)
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NOTE:

- Co-ordinates are UTM Grid NAD 83, Zone 9N, Reference Meridian 129°
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Coastal GasLink Pipeline Project

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CONSTRUCTION PLAN SHOWING
32.0 & 42.0 PIPELINE RIGHT OF WAY
SECTION 7

FROM
UNIT 2, BLOCK I, 93-L-2
TO
UNIT 6, BLOCK J, 93-L-4

THROUGH SURVEYED AND UNSURVEYED CROWN LAND
RANGE 5 COAST DISTRICT

SCALE - 1:5000

16442-08-ML-02-169

Sheet 5 of 21

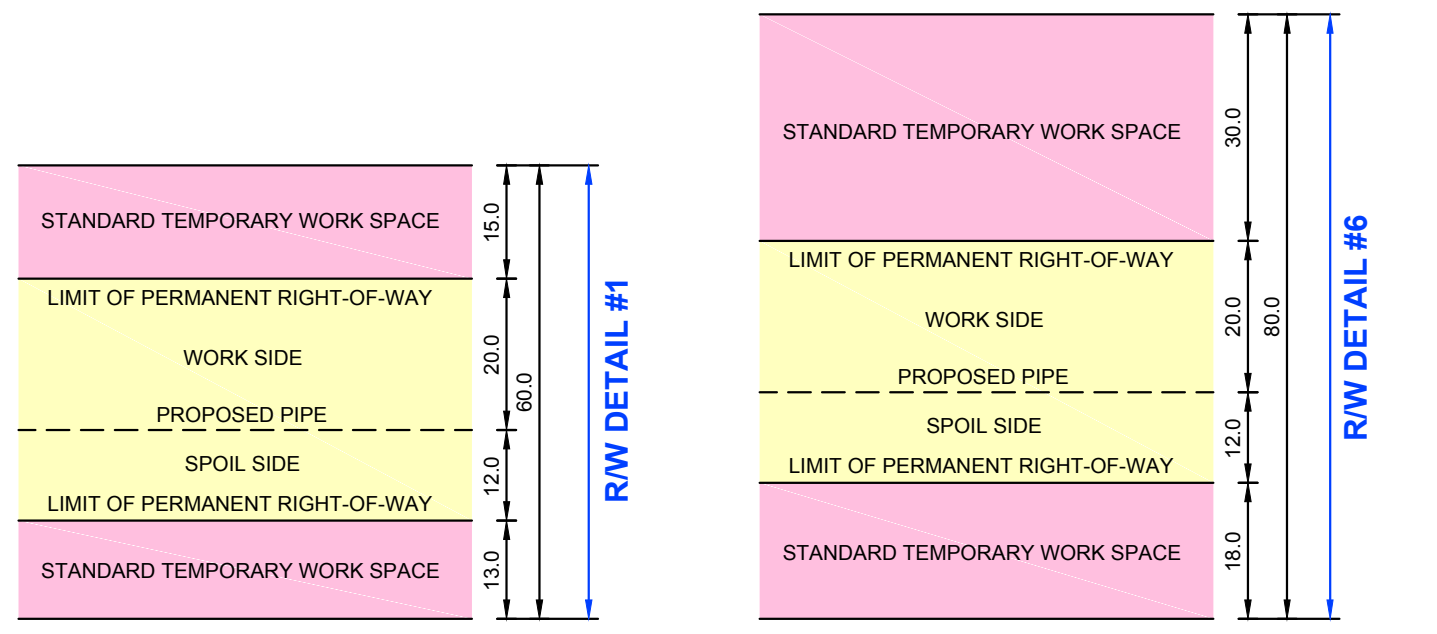
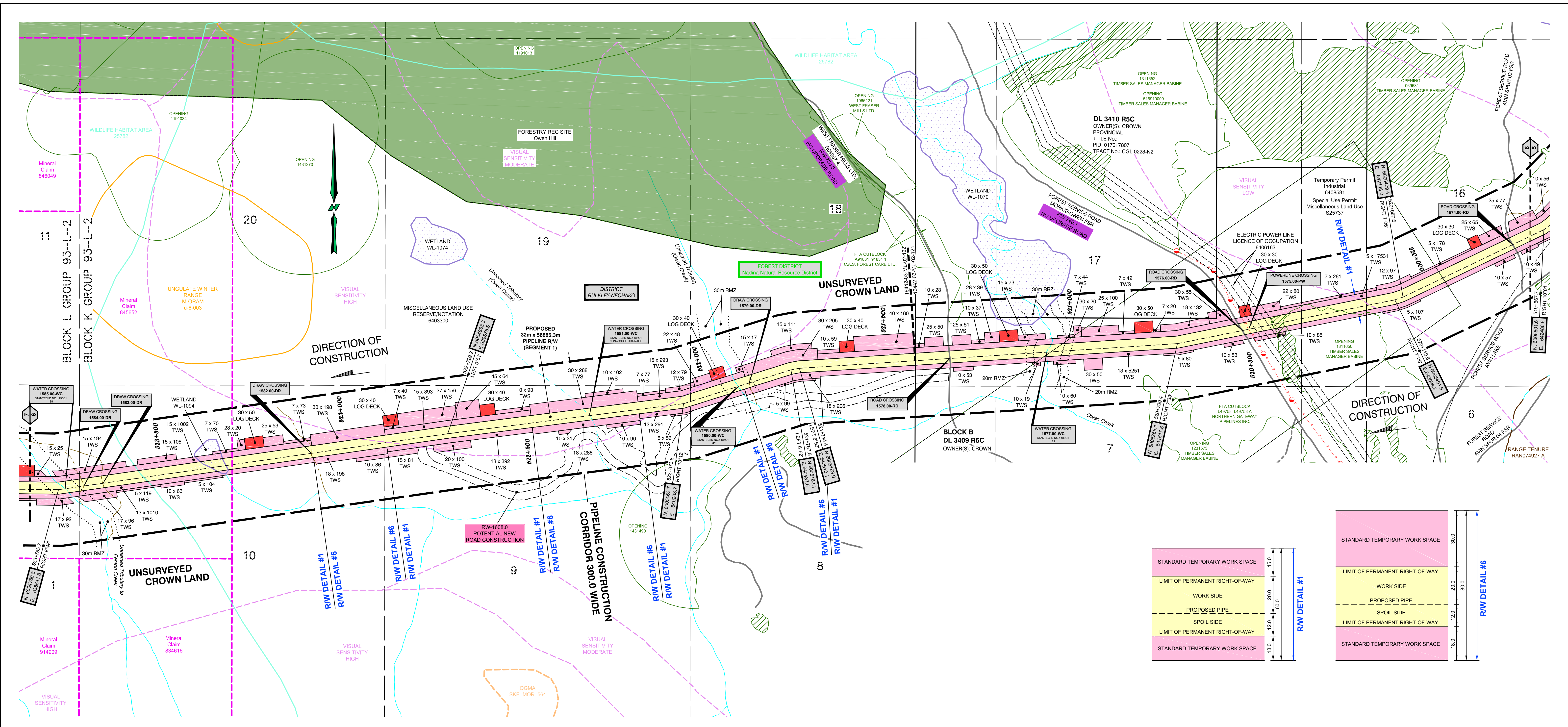
Route Reference: RevE1

Document No. CGW4703-MCSL-G-MP-424-005

Oct 20, 2014

Rev 0

McELHANNEY
8808 - 72nd Street
Fort St. John, British Columbia
Phone: (250) 787-0356
3111-21422



CROSSING / REFERENCE DRAWINGS				
Crossing No.	Chainage	Owner	Description	NAD 83 UTM Zone 9
1574.00-RD	519+764	DISTRICT MANAGER NADINA (DND)	ROAD - FOREST SERVICE ROAD - FOREST TENURE - 9939 17 - AVIN SPUR 03 FSR - HIGH GRADE	N=6005557.2, E=642401.0
1575.00-PW	520+512	HUCKLEBERRY MINES LTD.	POWER LINE - OVERHEAD - 4 WIRES - HEIGHT: +/- 9.9 - UNSURVEYED RIGHT OF WAY	N=6005310.4, E=641706.6
1576.00-RD	520+528	DISTRICT MANAGER NADINA (DND)	ROAD - FOREST SERVICE ROAD - FOREST TENURE - 9947 01 - MORICE-OWEN FSR - HIGH GRADE	N=6005306.8, E=641691.4
1577.00-WC	521+071	CROWN	WATER CROSSING - WATERCOURSE - OWEN CREEK - S2 - STANTEC ID NO.: 135C1	N=6005232.2, E=641169.8
1578.00-RD	521+337	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R03007 A - LOW GRADE	N=6005206.8, E=640906.5
1579.00-DR	521+886	CROWN	DRAW	N=6005124.3, E=640377.6
1580.00-WC	521+918	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (OWEN CREEK) - S4* - STANTEC ID NO.: 134C1	N=6005114.3, E=640348.2
1581.00-WC	522+337	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (OWEN CREEK) - NON-VISIBLE DRAINAGE - STANTEC ID NO.: 135C1	N=6005023.6, E=639953.3
1582.00-DR	523+100	CROWN	DRAW	N=6004999.3, E=639213.8
1583.00-DR	523+666	CROWN	DRAW	N=6004801.7, E=638660.1
1584.00-DR	523+717	CROWN	DRAW	N=6004792.7, E=638609.4
1585.00-WC	523+768	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY TO FENTON CREEK - S5 - STANTEC ID NO.: 136C1	N=6004783.9, E=638559.4

LEGEND:

Proposed Pipeline shown thus:

Buried Pipe shown thus:

Power Pole shown thus:

Overhead Power Line shown thus:

Buried Cable shown thus:

Buried or Overhead Phone Cable shown thus:

Existing Well Site and Access shown thus:

Existing Right-of-Way (RW) shown thus:

Crown Tenure shown thus:

Center Line of Shoofly / Potential New Road Construction shown thus:

Recreational Trail shown thus:

Non-Status Road shown thus:

MOTI, Permitted and Forest Service Road shown thus:

Numbered Highway shown thus:

Railway shown thus:

Hydrology (TRIM Data) shown thus:

Hydrology (TRIM Data) NCD/NVD shown thus:

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Parks and Protected Areas shown thus:

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Temporary Workspace (TWS) shown thus:

Log Deck shown thus:

Shoofly Road shown thus:

Laydown shown thus:

Log Storage Site shown thus:

Stockpile Site shown thus:

Alternate Right-of-Way (RW) shown thus:

Alternate Temporary Work Space (TWS) shown thus:

Alternate Log Deck shown thus:

Pipeline Construction Corridor shown thus:

Range Tenure shown thus:

Old Growth Management Area shown thus:

Agricultural Land Reserve (ALR) shown thus:

Ungulate Winter Range shown thus:

Mineral Claim / Lease shown thus:

Visual Sensitivity Boundary shown thus:

Wildlife Habitat shown thus:

Generic Well Symbol shown thus:

Proposed Block Valve shown thus:

Dwelling shown thus:

Pt's shown thus:

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Change in Direction of Construction

Construction Plan Match Line shown thus:

Alignment Plan Match Line shown thus:

Off Right-of-Way Crossing shown thus:

Preliminary Pipe Profile Chainage shown thus:

(Chainages shown are on ditch line.)

BCGS: 93L.012, 93L.013, 93L.014, 93L.015, 93L.016, 93L.017, 93L.018, 93L.022, 93L.023

EPASS No.: 10049409

NOTE: Water Course Crossing Information and New Cut / Existing Cut Information provided to Survey by Coastal GasLink Pipeline Ltd. for the Coastal GasLink Pipeline Project.

NOTE: Refer to Key Plan for Area Table Information.

REVISION / ISSUED

No.	Date	Description	Drawn By	CKD By
1	OCTOBER 20, 2014	- PLAN ISSUED	K.P.J.C.	R.D./K.L.

McELHANNAY
8808 - 72nd Street
Fort St. John, British Columbia
Phone: (250)787-0356
3111-21422

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**CONSTRUCTION PLAN SHOWING
32.0 & 42.0 PIPELINE RIGHT OF WAY
SECTION 7**

**FROM
UNIT 2, BLOCK I, 93-L-2
TO
UNIT 6, BLOCK J, 93-L-4**

**THROUGH SURVEYED AND UNSURVEYED CROWN LAND
RANGE 5 COAST DISTRICT**

SCALE - 1:5000

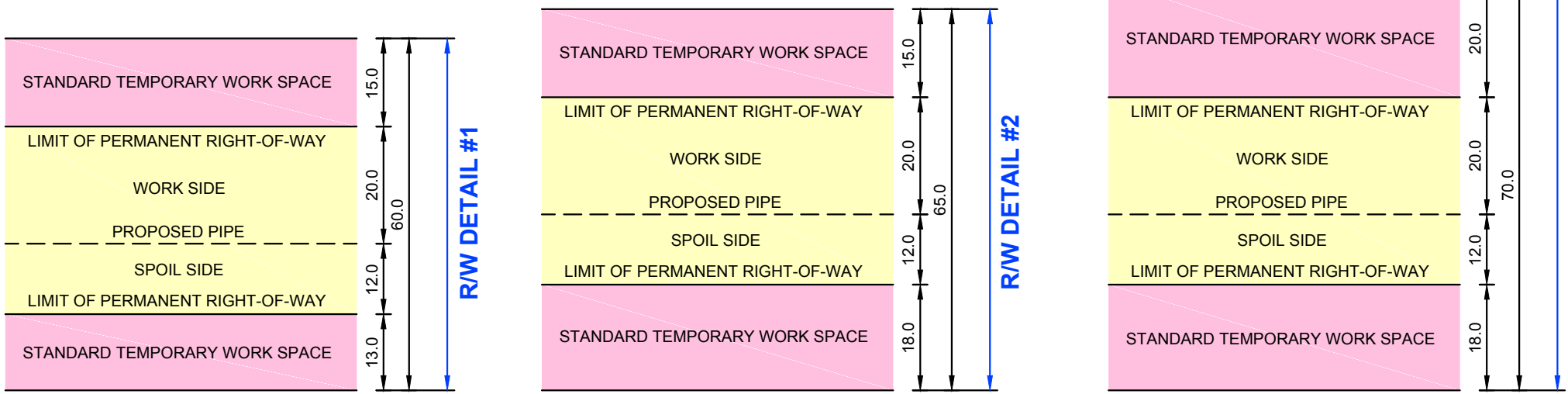
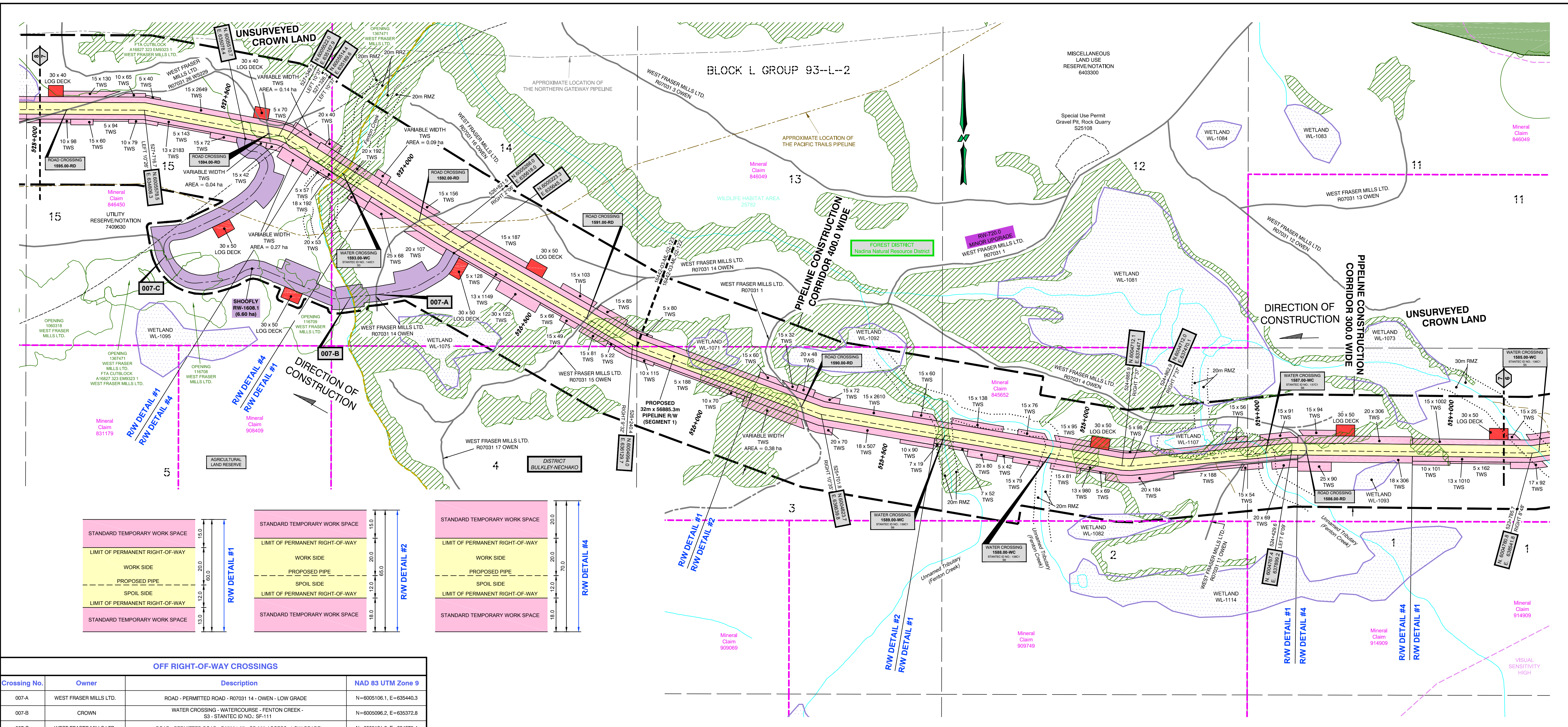
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16442-08-ML-02-170

Sheet 6 of 21

Route Reference: RevE1 Oct 20, 2014

Document No. CGW4703-MCSL-G-MP-424-006 Rev 0



OFF RIGHT-OF-WAY CROSSINGS			
Crossing No.	Owner	Description	NAD 83 UTM Zone 9
007-A	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R07031 14 - OWEN - LOW GRADE	N=6005106.1, E=635440.3
007-B	CROWN	WATER CROSSING - WATERCOURSE - FENTON CREEK - S3 - STANTEC ID NO.: SF-111	N=6005096.2, E=635372.8
007-C	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R07031 27 - CP 323 ACCESS - LOW GRADE	N=6005191.2, E=634875.4

CROSSING / REFERENCE DRAWINGS				
Crossing No.	Chainage	Owner	Description	NAD 83 UTM Zone 9
1586.00-RD	524+392	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R07031 4 - OWEN - LOW GRADE	N=6004768.1, E=637936.9
1587.00-RD	524+500	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (FENTON CREEK) - S6 - STANTEC ID NO.: 137C1	N=6004758.3, E=637829.4
1588.00-WC	525+079	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (FENTON CREEK) - S6 - STANTEC ID NO.: 138C1	N=6004738.5, E=637256.0
1589.00-WC	525+367	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (FENTON CREEK) - S9 - STANTEC ID NO.: 139C1	N=6004777.9, E=636970.7
1590.00-RD	525+758	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6004841.3, E=636586.8
1591.00-RD	526+384	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R07031 15 - OWEN - LOW GRADE	N=6005061.1, E=636003.4
1592.00-RD	526+901	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R07031 14 - OWEN - LOW GRADE	N=6005305.8, E=635549.2
1593.00-WC	527+145	CROWN	WATER CROSSING - WATERCOURSE - FENTON CREEK - S3 - STANTEC ID NO.: 140C1	N=6005425.7, E=635342.4
1594.00-RD	527+376	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - A16827 323 EM9323 1 - TRAIL	N=6005526.2, E=635141.0
1595.00-RD	527+902	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R07031 26 - WS229 - LOW GRADE	N=6005573.5, E=634621.4

LEGEND:

Proposed Pipeline shown thus:

Buried Pipe shown thus:

Power Pole shown thus:

Overhead Power Line shown thus:

Buried Cable shown thus:

Buried or Overhead Phone Cable shown thus:

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Existing Right-of-Way (RW) shown thus:

Crown Tenure shown thus:

Center Line of Shoofly / Potential New Road Construction shown thus:

Recreational Trail shown thus:

Non-Status Road shown thus:

MOTI, Permitted and Forest Service Road shown thus:

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Potential Ancillary Site shown thus:

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Forest Block / Opening shown thus:

Stockpile Site shown thus:

Alternate Right-of-Way (RW) shown thus:

Alternate Temporary Work Space (TWS) shown thus:

Alternate Log Deck shown thus:

Parks and Protected Areas shown thus:

Permanent Right-of-Way (RW) shown thus:

Temporary Workspace (TWS) shown thus:

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Dwelling shown thus:

Pf's shown thus:

(Pf's Greater Than 14' Shown Red)

Change in Direction of Construction shown thus:

Construction Plan Match Line shown thus:

Alignment Plan Match Line shown thus:

Off Right-of-Way Crossing shown thus:

Preliminary Pipe Profile Chainage shown thus:

(Chainages shown are on ditch line.)

BCGS: 93L.012, 93L.013, 93L.014, 93L.015, 93L.016, 93L.017, 93L.018, 93L.022, 93L.023

EPASS No.: 10049409

NOTE: Water Course Crossing Information and New Cut / Existing Cut Information provided to Survey by Coastal GasLink Pipeline Ltd. for the Coastal GasLink Pipeline Project.

NOTE: Refer to Key Plan for Area Table Information.

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REVISION / ISSUED				
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1	OCTOBER 20, 2014	- PLAN ISSUED	K.P.J.C.	R.D.K.L.

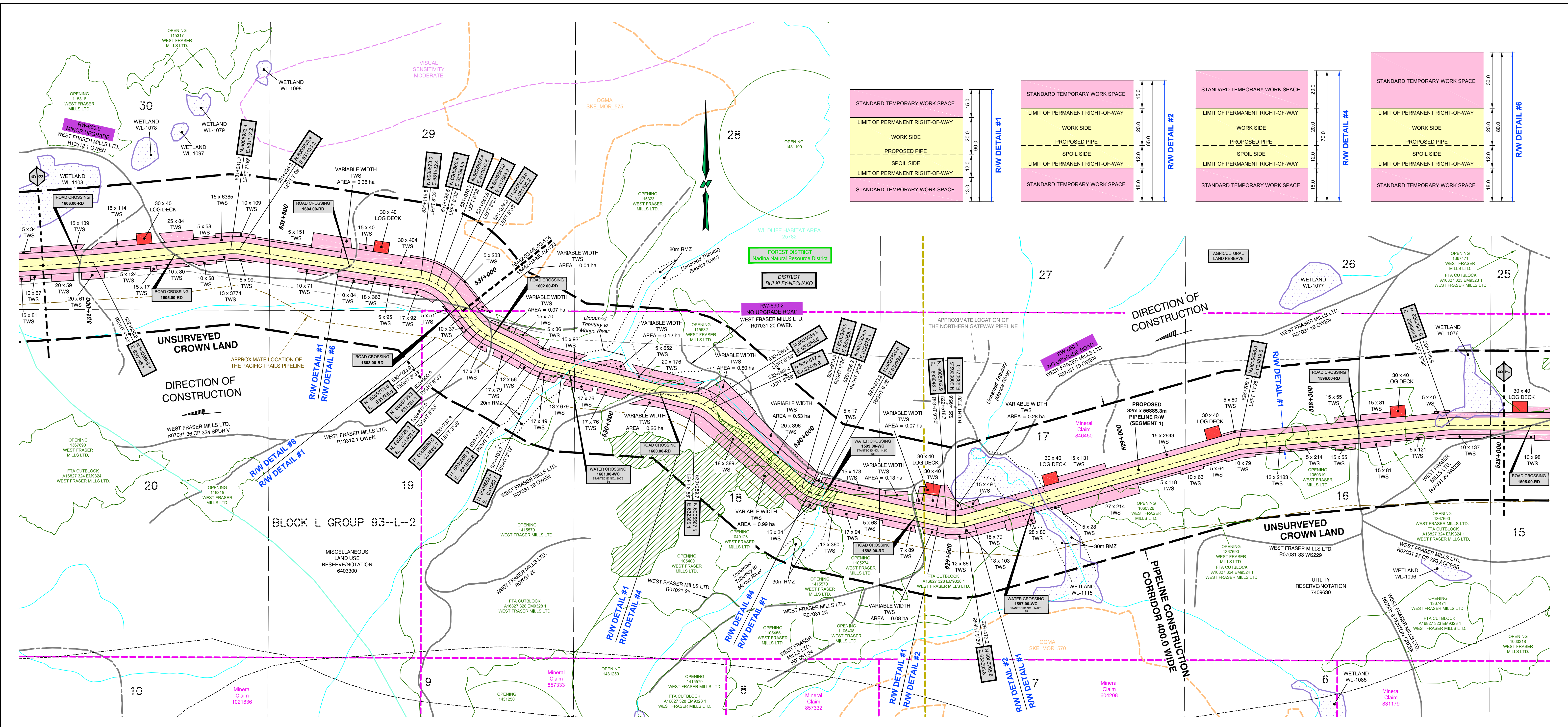
COASTAL GASLINK PIPELINE LTD.

**CONSTRUCTION PLAN SHOWING
32.0 & 42.0 PIPELINE RIGHT OF WAY
SECTION 7**

FROM
UNIT 2, BLOCK I, 93-L-2
TO
UNIT 6, BLOCK J, 93-L-4

**THROUGH SURVEYED AND UNSURVEYED CROWN LAND
RANGE 5 COAST DISTRICT**

SCALE - 1:5000	16442-08-ML-02-171	Sheet 7 of 21
Route Reference: RevE1		Oct 20, 2014
Document No. CGW4703-MCSL-G-MP-424-007		Rev 0



CROSSING / REFERENCE DRAWINGS				
Crossing No.	Chainage	Owner	Description	NAD 83 UTM Zone 9
1596.00-RD	529+397	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R07031 5 - FENTON CREEK - HIGH GRADE	N=6005536.1, E=634138.6
1597.00-WC	529+278	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (MORICE RIVER) - S5 - STANTEC ID NO.: 141C1	N=6005324.4, E=633278.6
1598.00-RD	529+606	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R07031 23 - LOW GRADE	N=6005278.7, E=632962.0
1599.00-WC	529+858	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY TO MORICE RIVER - S5 - STANTEC ID NO.: 142C1	N=6005324.0, E=632714.7
1600.00-RD	530+388	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R07031 19 - OWEN - LOW GRADE	N=6005587.6, E=632289.2
1601.00-WC	530+637	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (MORICE RIVER) - S5 - STANTEC ID NO.: 20C2	N=6005538.6, E=632026.3
1602.00-RD	530+863	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R13312 1 - OWEN - LOW GRADE	N=6005719.9, E=631816.7
1603.00-RD	530+988	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R13312 1 - OWEN - LOW GRADE	N=6005802.0, E=631725.7
1604.00-RD	531+304	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005896.0, E=631436.7
1605.00-RD	531+794	WEST FRASER MILLS LTD.	ROAD - PERMITTED ROAD - R13312 1 - OWEN - LOW GRADE	N=6005912.8, E=630950.7
1606.00-RD	532+041	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - LOW GRADE	N=6005883.1, E=630706.6

LEGEND:

Proposed Pipeline shown thus:

Buried Pipe shown thus:

Power Pole shown thus:

Overhead Power Line shown thus:

Buried Cable shown thus:

Buried or Overhead Phone Cable shown thus:

Existing Well Site and Access shown thus:

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Non-Status Road shown thus:

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Hydrology (TRIM Data) NCD/NVD shown thus:

Draws shown thus:

Wetlands shown thus:

Riparian Management Zone (RMZ) shown thus:

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(Pits Greater Than 14' Shown Red)

Change in Direction of Construction shown thus:

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(Chainages shown are on ditch line.)

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EPASS No.: 10049409

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CONSTRUCTION PLAN SHOWING
32.0 & 42.0 PIPELINE RIGHT OF WAY
SECTION 7

FROM
UNIT 2, BLOCK I, 93-L-2
TO
UNIT 6, BLOCK J, 93-L-4

THROUGH SURVEYED AND UNSURVEYED CROWN LAND
RANGE 5 COAST DISTRICT

SCALE - 1:5000

16442-08-ML-02-172

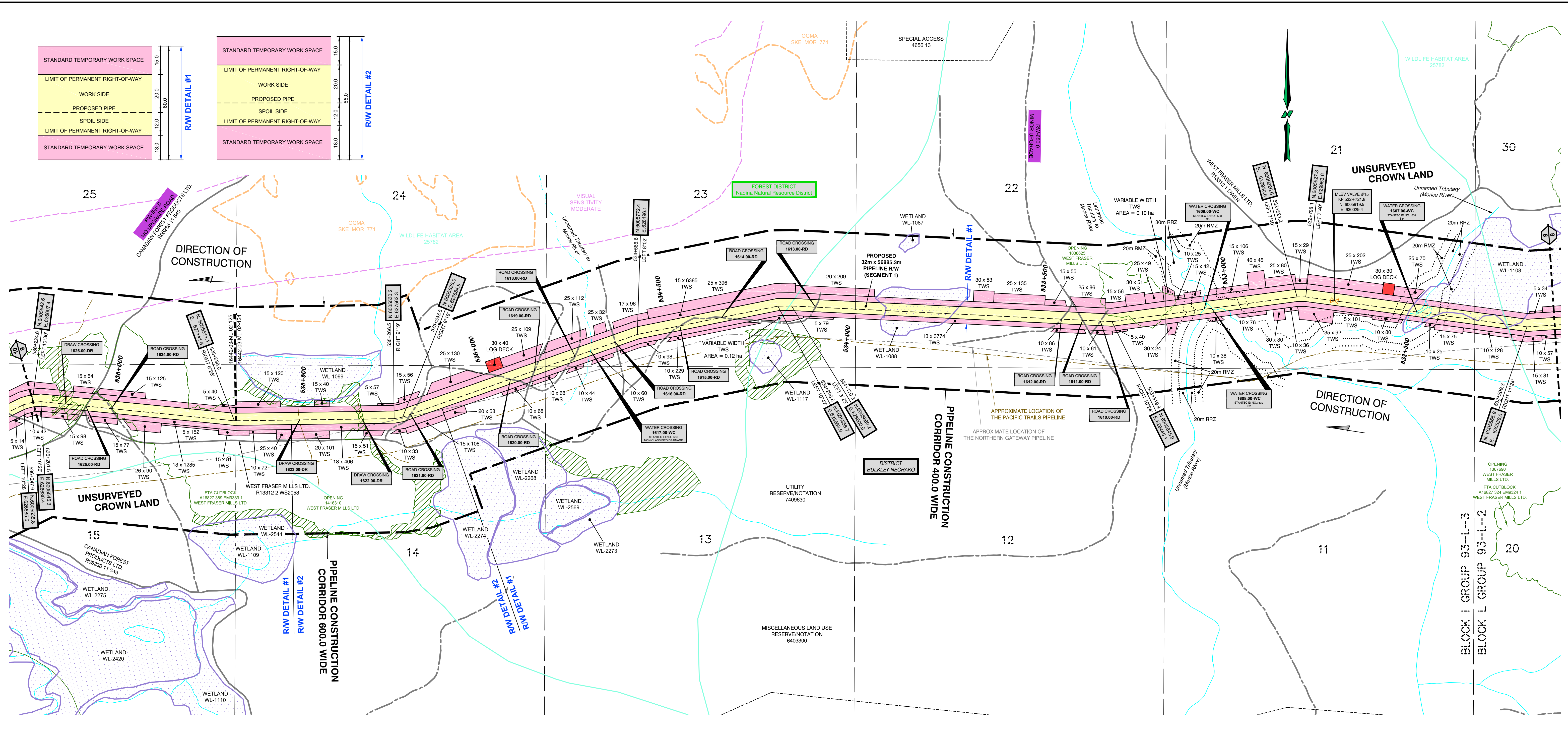
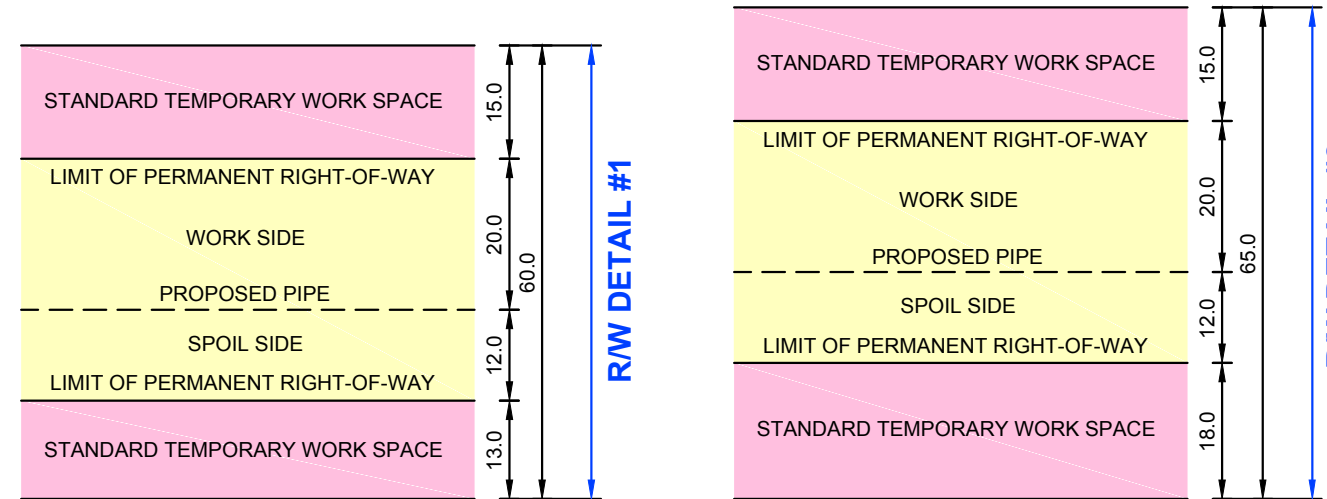
Sheet 8 of 21

Route Reference: RevE1

Oct 20, 2014

Document No. CGW4703-MCSL-G-MP-424-008

Rev 0



CROSSING / REFERENCE DRAWINGS				
Crossing No.	Chainage	Owner	Description	NAD 83 UTM Zone 9
1607.00-WC	532+502	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (MORICE RIVER) - S3 - STANTEC ID NO.: 531	N=6005896.9, E=630247.5
1608.00-WC	533+051	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY TO MORICE RIVER - S2 - STANTEC ID NO.: 532	N=6005889.3, E=629706.6
1609.00-WC	533+071	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY (MORICE RIVER) - S3 - STANTEC ID NO.: 533	N=6005886.0, E=629866.9
1610.00-RD	533+350	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005846.4, E=629414.6
1611.00-RD	533+404	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - LOW GRADE	N=6005847.3, E=629362.0
1612.00-RD	533+450	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005848.1, E=629316.1
1613.00-RD	534+107	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005859.1, E=628861.5
1614.00-RD	534+378	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005819.8, E=628398.2
1615.00-RD	534+465	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005799.9, E=628313.4
1616.00-RD	534+654	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005748.2, E=628133.9
1617.00-WC	534+718	CROWN	WATER CROSSING - WATERCOURSE - UNNAMED TRIBUTARY TO MORICE RIVER - NON-CLASSIFIED DRAINAGE - STANTEC ID NO.: 535	N=6005725.0, E=628074.1
1618.00-RD	534+762	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005709.3, E=628033.6
1619.00-RD	534+873	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005688.8, E=627929.4
1620.00-RD	534+947	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005642.1, E=627860.6
1621.00-RD	535+218	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005544.2, E=627608.7
1622.00-DR	535+351	CROWN	DRAW	N=6005526.3, E=627478.1
1623.00-DR	535+516	CROWN	DRAW	N=6005518.8, E=627313.4
1624.00-RD	536+019	CROWN	ROAD - NON-STATUS ROAD - NON-TENURE - TRAIL	N=6005533.1, E=626811.7
1625.00-RD	536+081	CANADIAN FOREST PRODUCTS LTD.	ROAD - PERMITTED ROAD - R05233 11 - 549 - LOW GRADE	N=6005537.2, E=626750.2
1626.00-DR	536+135	CROWN	DRAW	N=6005540.8, E=626696.4

LEGEND:

Proposed Pipeline shown thus:

Buried Pipe shown thus:

Power Pole shown thus:

Overhead Power Line shown thus:

Buried Cable shown thus:

Buried or Overhead Phone Cable shown thus:

Existing Well Site and Access shown thus:

Existing Right-of-Way (RW) shown thus:

Crown Tenure shown thus:

Center Line of Shoofly / Potential New Road Construction shown thus:

Recreational Trail shown thus:

Non-Status Road shown thus:

MOTI, Permitted and Forest Service Road shown thus:

Numbered Highway shown thus:

Railway shown thus:

Hydrology (TRIM Data) shown thus:

Hydrology (TRIM Data) NCD/NVD shown thus:

Wetlands shown thus:

Riparian Management Zone (RMZ) shown thus:

Riparian Reserve Zone (RRZ) shown thus:

Potential Ancillary Site shown thus:

Fence Line shown thus:

Tree / Bush Line shown thus:

Forest Cut Block / Opening shown thus:

Tree Farm Licence shown thus:

Wildlife Tree Retention shown thus:

Woodlots shown thus:

Parks and Protected Areas shown thus:

Permanent Right-of-Way (RW) shown thus:

Temporary Workspace (TWS) shown thus:

Log Deck shown thus:

Shoofly Road shown thus:

Laydown shown thus:

Log Storage Site shown thus:

Stockpile Site shown thus:

Alternate Right-of-Way (RW) shown thus:

Alternate Temporary Work Space (TWS) shown thus:

Alternate Log Deck shown thus:

Pipeline Construction Corridor shown thus:

Range Tenure shown thus:

Old Growth Management Area shown thus:

Agricultural Land Reserve (ALR) shown thus:

Ungulate Winter Range shown thus:

Mineral Claim / Lease shown thus:

Visual Sensitivity Boundary shown thus:

Wildlife Habitat shown thus:

Generic Well Symbol shown thus:

Proposed Block Valve shown thus:

Dwelling shown thus:

Pf's shown thus:

(Pf's Greater Than 14' Shown Red)

Change in Direction of Construction shown thus:

Direction of Construction:

Construction Plan Match Line shown thus:

Line shown thus:

Alignment Plan Match Line shown thus:

Line shown thus:

Off Right-of-Way Crossing shown thus:

Preliminary Pipe Profile Chainage shown thus:

(Changes shown are on ditch line.)

McELHANNY
8808 - 72nd Street
Fort St. John, British Columbia
Phone: (250) 787-0356
3111-21422

BCGS: 93L.012, 93L.013, 93L.014, 93L.015, 93L.016, 93L.017, 93L.018, 93L.022, 93L.023

EPASS No.: 10049409

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REVISION / ISSUED

No.	Date	Description	Drawn By	CKD By
1	OCTOBER 20, 2014	- PLAN ISSUED	K.P.J.C.	R.D./K.L.

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100 75 50 25 0 200 METRES

16442-08-ML-02-173

Sheet 9 of 21

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Document No. CGW4703-MCSL-G-MP-424-009

Rev 0