



E HDD SEQUENCE FOR CONSTRUCTION


COMOX HILL HDD: ENTRY PIT

100 m 100 m



Stage 1: Week 1 to 6

- Establish Site Area & Develop Entry Pit
- Pilot Hole and subsequent reaming

 Site Area (30 m x 80 m): 7 weeks

Stage 2: Week 7

- HDD Pulling Operation
- Demobilisation

Steel pipe 28 in OD, 0.5 in thick, 27 in ID
Radius = 410 m

COMOX HILL HDD: EXIT PIT AND PIE LAYDOWN

100 m 100 m



Stage 1: Week 1 to 2

- Establish Site Area and Develop Exit Pit
- Install Roller for 750 m pipeline

Stage 2: Week 3 to 6

- Install HDPE pipe onto Roller

Stage 3: Week 7

- HDD Pulling Operation



Site Area: 7 weeks

No through traffic along Comox Road



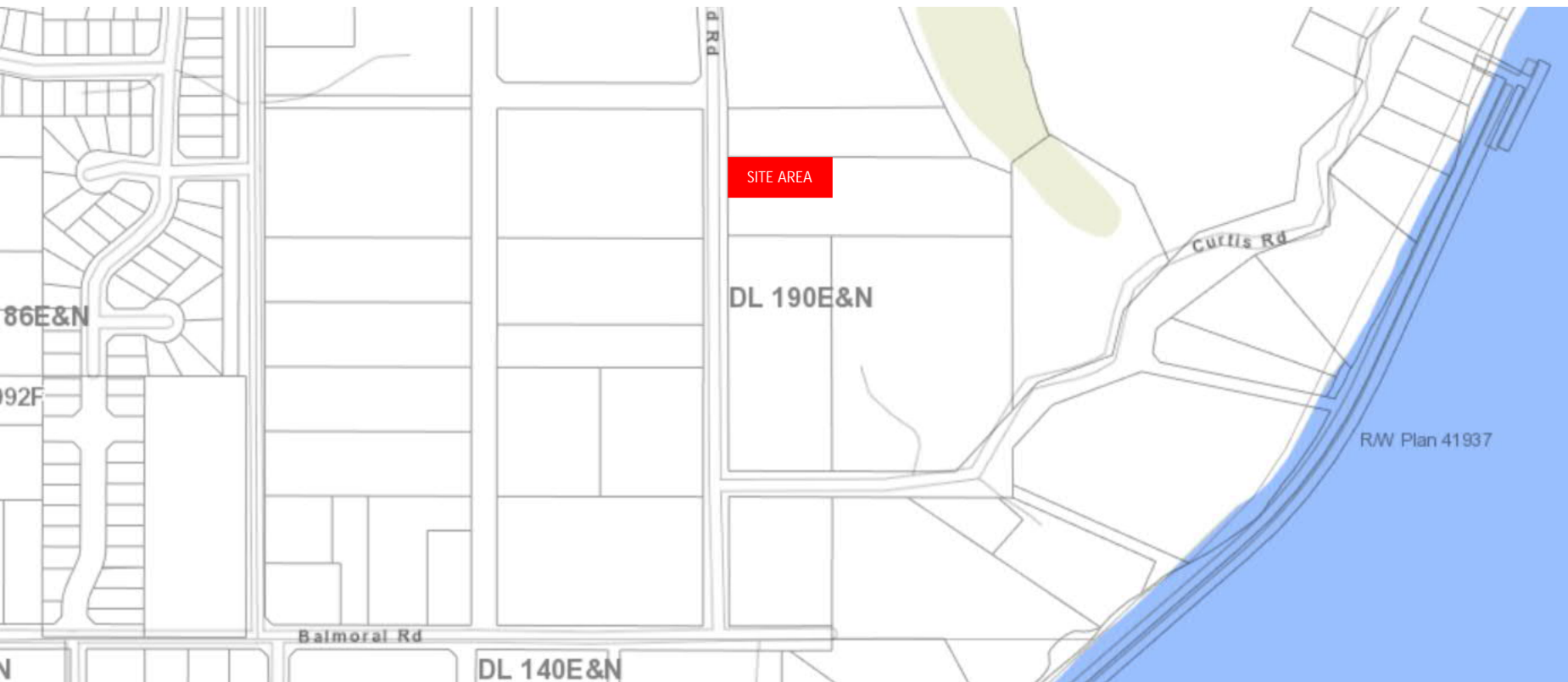
Restricted Area: 7 weeks

Restricted traffic:

- Central 4m road occupied.
- Comox Road split into north and south 3m wide two-way lanes.
- Single lane two way traffic

LAZO HILL HDD: ENTRY PIT

100 m 100 m



Stage 1: Week 1 to 7

- Establish Site Area & Develop Entry Pit
- Pilot Hole and subsequent reaming

 Site Area (30 m x 80 m): 8 weeks

Stage 2: Week 8

- HDD Pulling Operation
- Demobilisation

100 m



- Establish Site Area 1 & Develop Exit Pit
- Install Roller Set 1 for 540 m pipeline

Site Area 1: 8 weeks

No through traffic along Balmoral Avenue

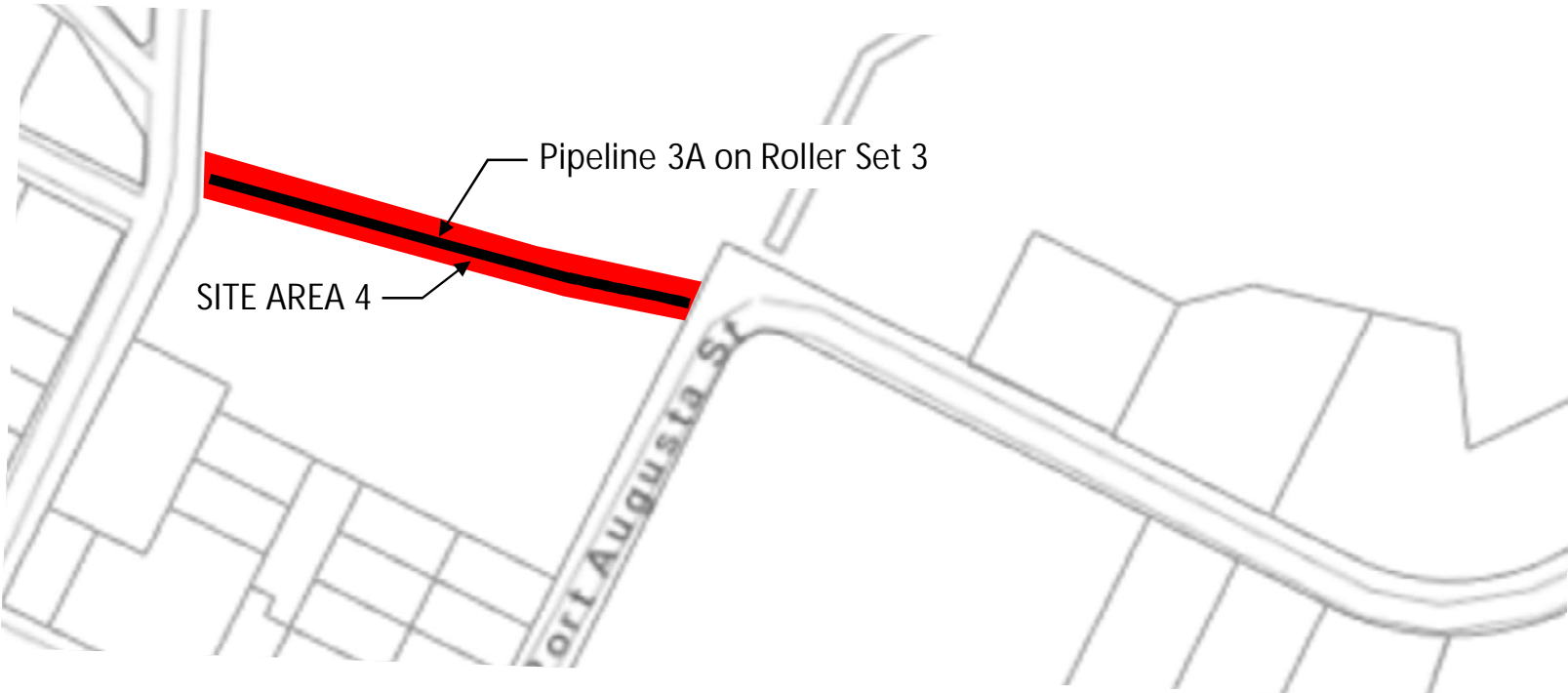
Restricted Area A: 8 weeks

Restricted traffic:

- Central 4m road occupied, Balmoral Avenue split into north and south 3m wide two-way lanes.
- Access for residents only.

LAZO HILL HDD: PIPE LAYDOWN

100 m



The map shows a street grid with 'Fort Augusta St' labeled. A red line representing the pipeline runs diagonally across the map. A black line is overlaid on the red line. Labels with arrows point to the red line and the black line.

Pipeline 3A on Roller Set 3

SITE AREA 4

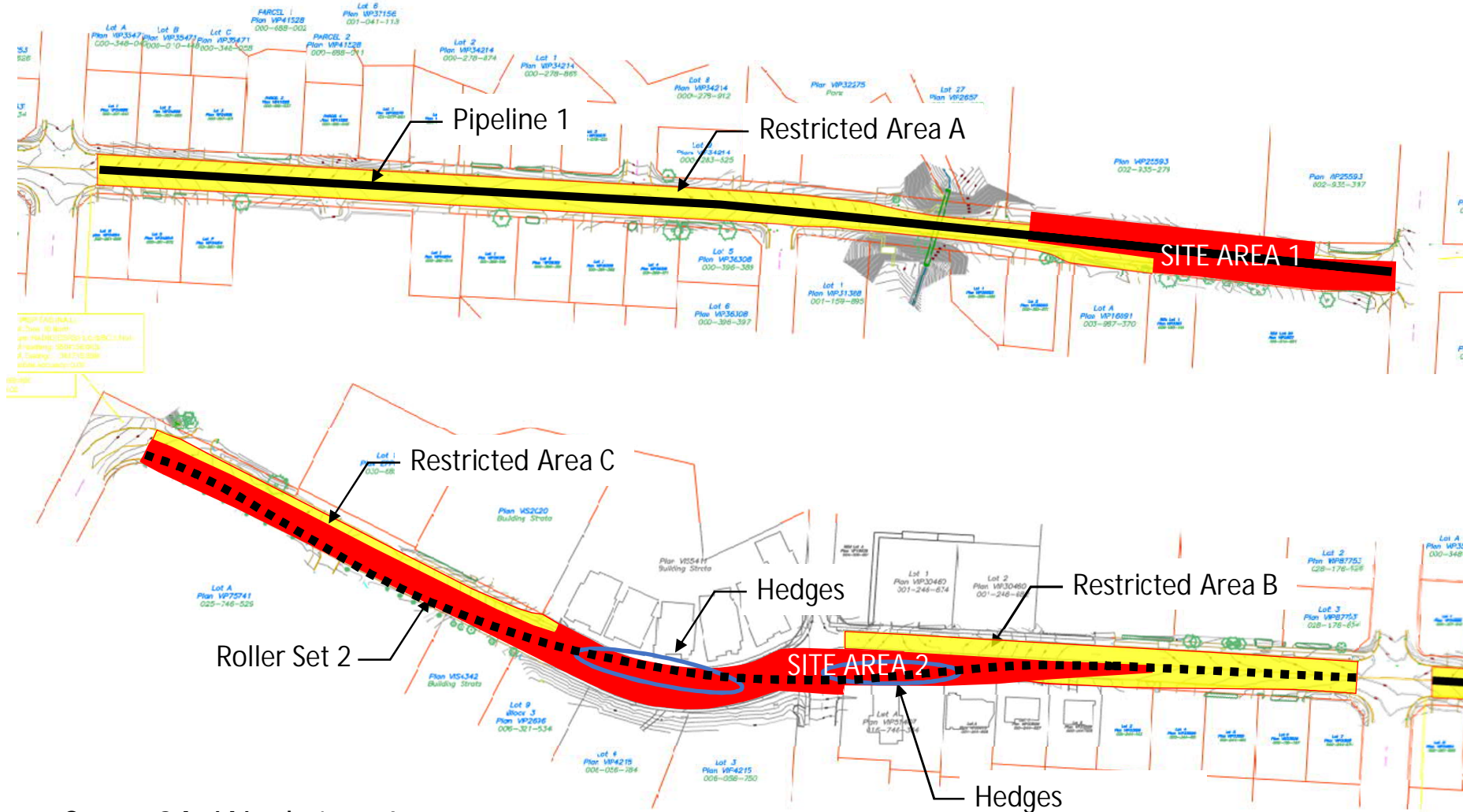
Stage 1B: Week 1 to 4

- Establish Site Area 4 (Comox Golf Club)
- Install Roller Set 3
- Weld 175 m Pipeline 3A on Roller Set 3 (complete at week 4)

Site Area 4: 8 weeks
Comox Golf Club area
No tree cutting in Site Area 4

LAZO HILL HDD: PIPE LAYDOWN

100 m



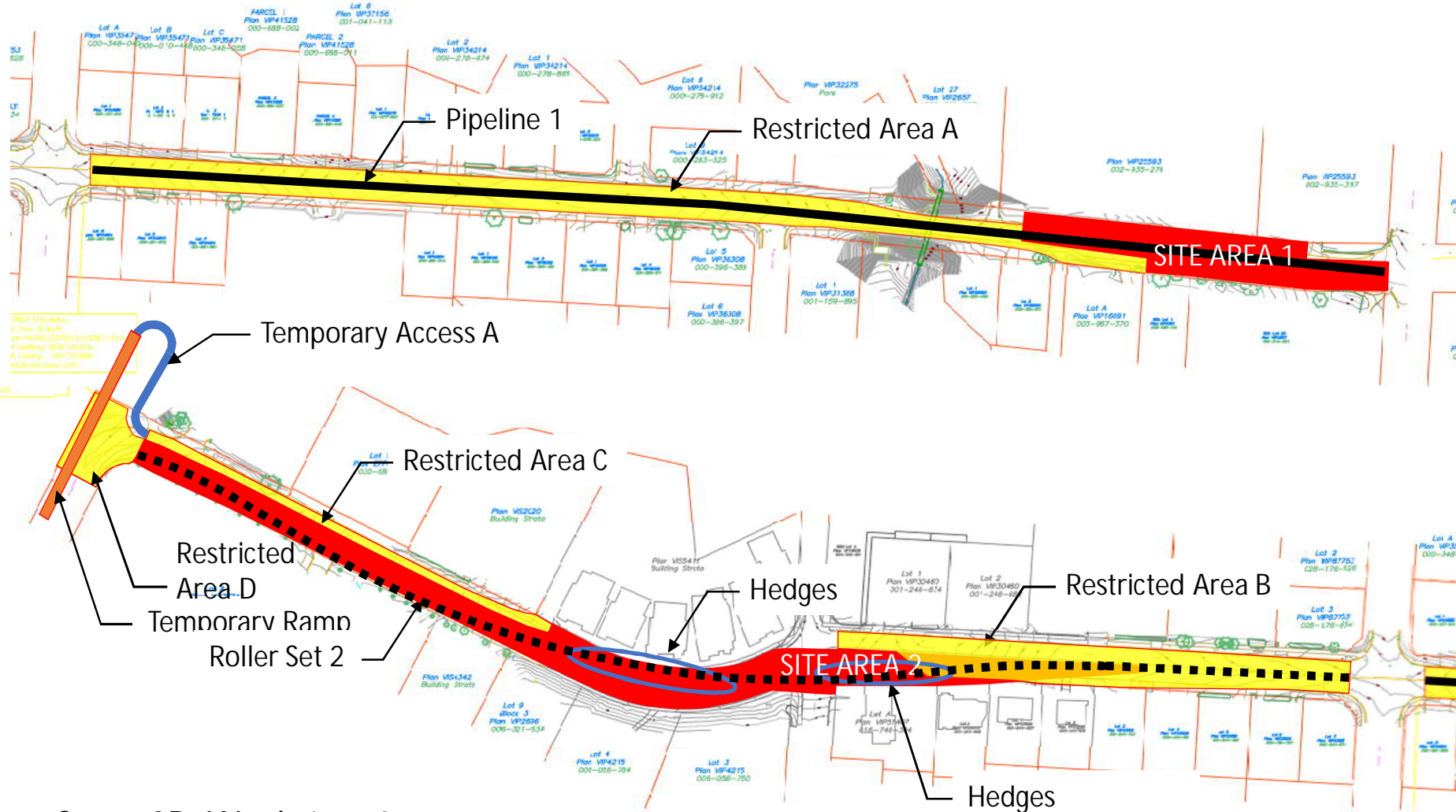
Stage 2A: Week 1 to 4

- Weld 525 m Pipeline 1 on Roller Set 1
- Install Roller Set 2

- Site Area 2: 8 weeks. No traffic trough Stewart Street
- Restricted Area B and Area C: 8 weeks. Access restrictions as per Restricted Area A
- Hedges: 8 weeks. Hedges to be removed

LAZO HILL HDD: PIPE LAYDOWN

100 m



Stage 2B: Week 1 to 4

- Construct Temporary Ramp
- Construct Temporary Access A

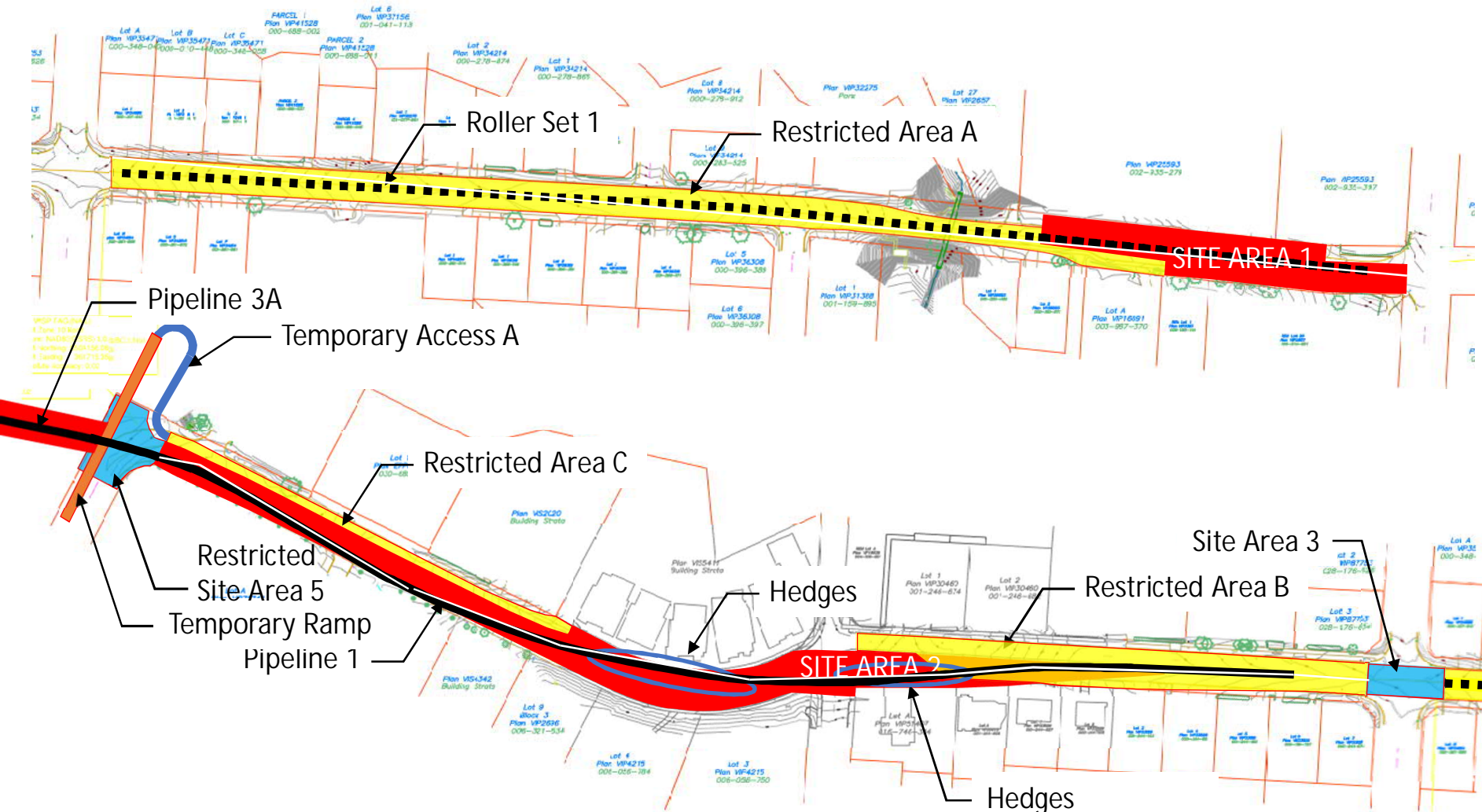


Restricted Area D: 4 weeks

Two lanes two way traffic along Port Augusta Street restricted to one lane two way traffic

LAZO HILL HDD: PIPE LAYDOWN

100 m



Stage 3: Week 5

- Temporary Ramp and Access A in operation
- Secure Site Area 5
- Install Roller Set 4 in Site Area 5
- Pull Pipeline 1 onto Roller Set 2 and Roller Set 4 to meet Pipeline 3A



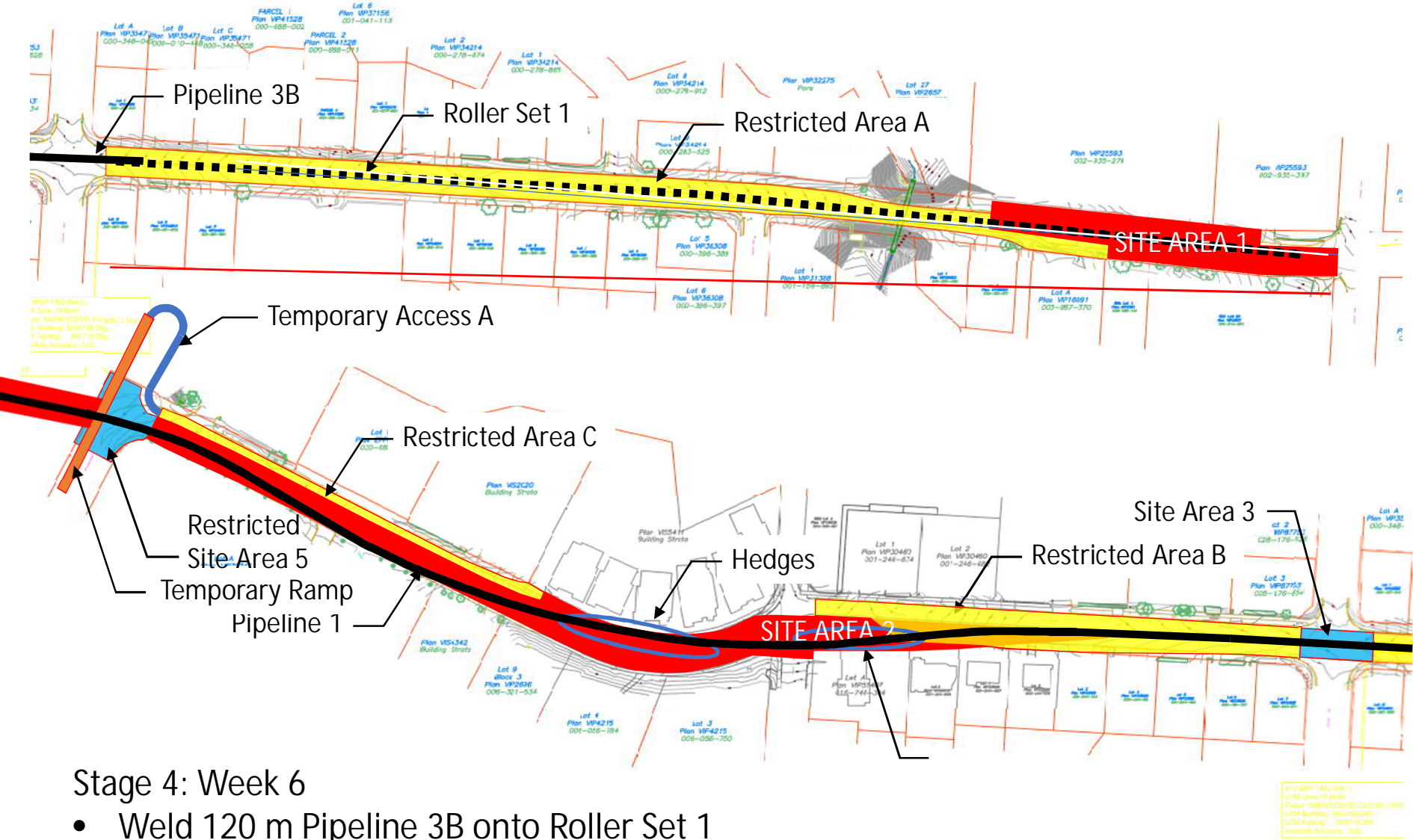
Site Area 3: 1 day in Week 5
No access through Pritchard Road



Site Area 5: 4 week (Week 5 to Week 8)
Access between Port Augusta Street and Balmoral Avenue through
Temporary Ramp and Temporary Access via Comox Golf Club

LAZO HILL HDD: PIPE LAYDOWN

100 m



Stage 4: Week 6

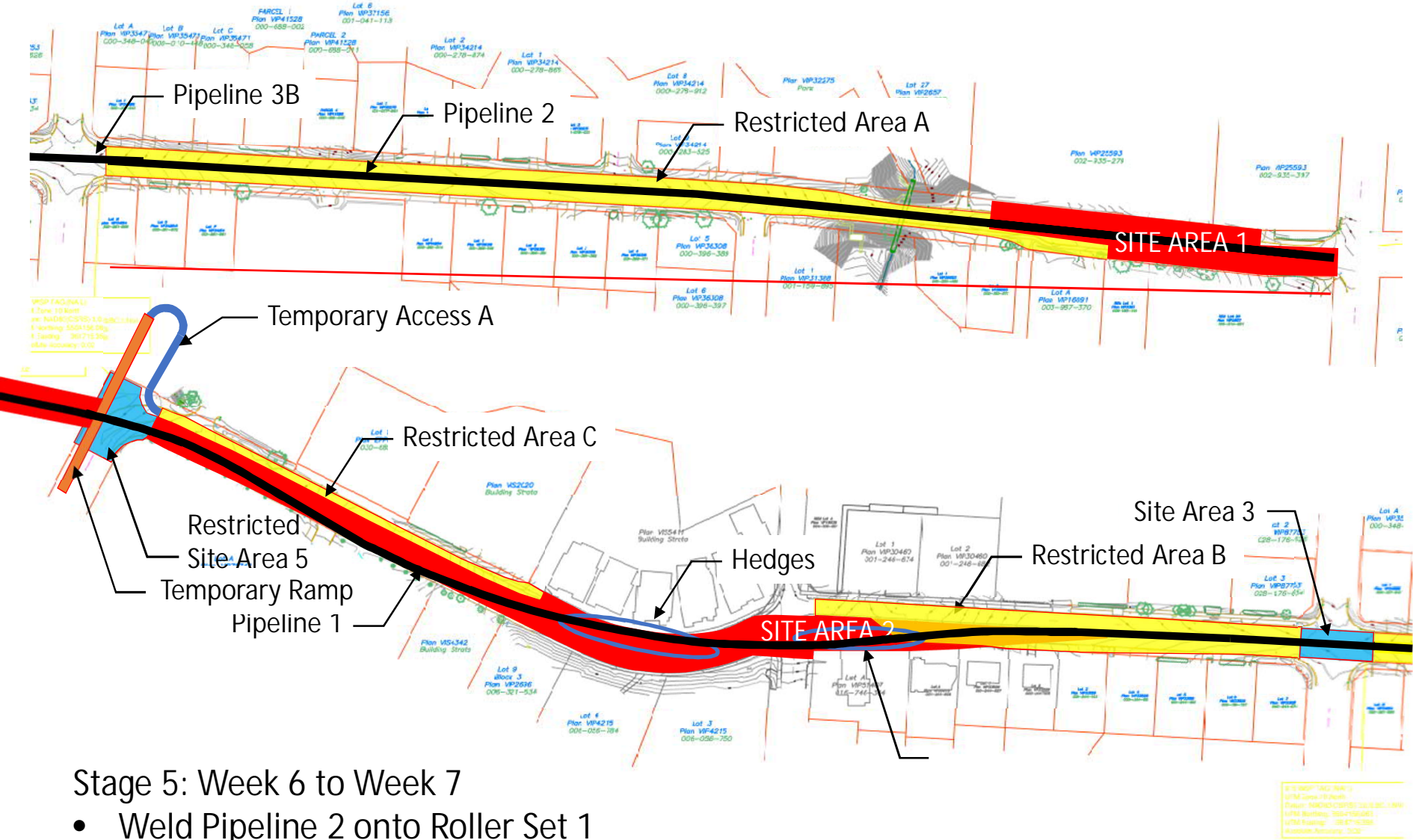
- Weld 120 m Pipeline 3B onto Roller Set 1
- Pull Pipeline 3B to meet Pipeline 1
- Weld Pipeline 3B to Pipeline 1
- Weld Pipeline 3A to Pipeline 1



Site Area 3: Week 6 to Week 8
No access through Pritchard Road

LAZO HILL HDD: PIPE LAYDOWN

100 m



Stage 5: Week 6 to Week 7

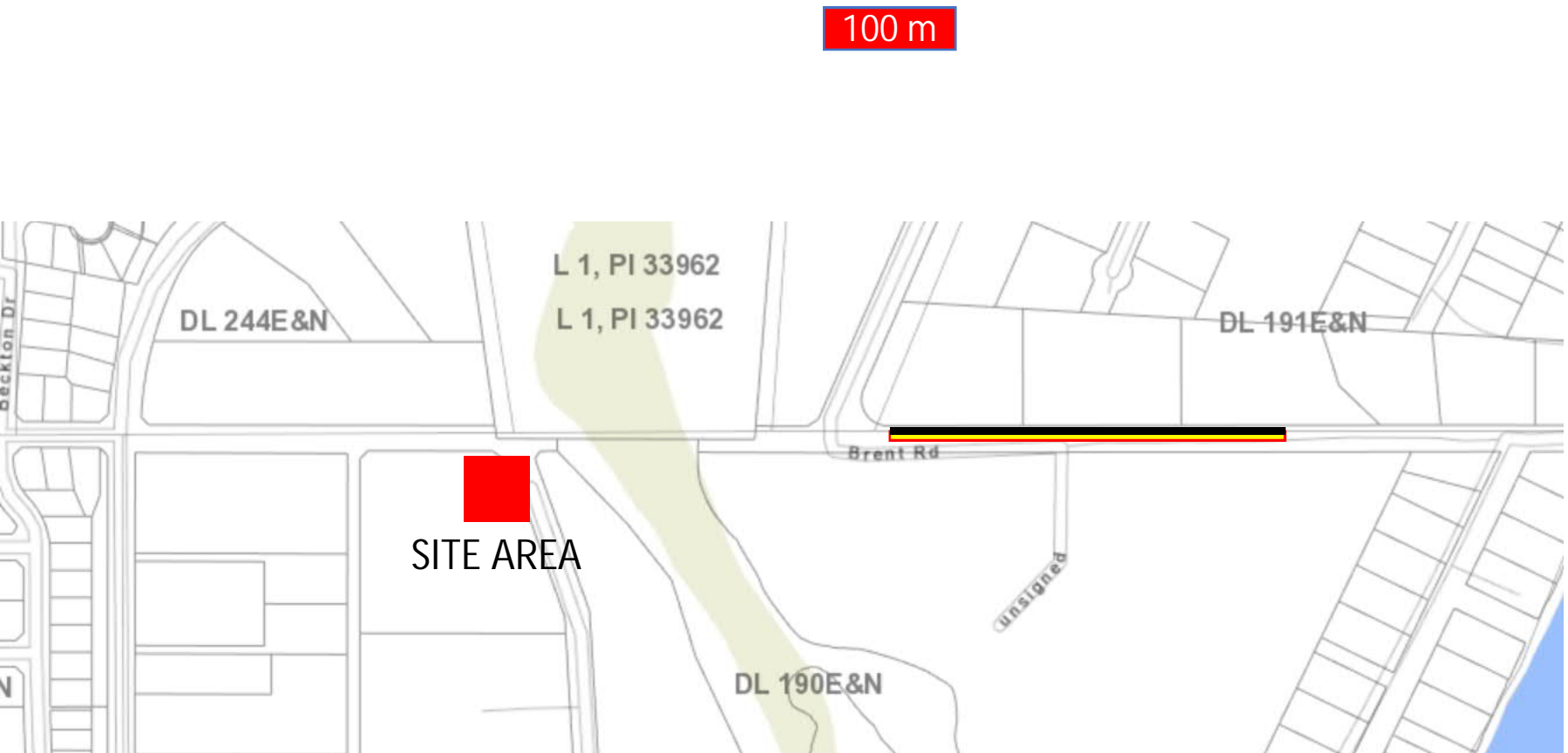
- Weld Pipeline 2 onto Roller Set 1
- Weld Pipeline 2 to Pipeline 3B

Stage 6: Week 8
HDD Pulling Operation

Access/Area Restrictions Summary:

Site Area 1	Balmoral Avenue/Terrence Road	8 weeks	Week 1 to Week 8
Site Area 2	Balmoral Avenue: Between east Stewart Street junction and north Port Augusta Street	8 weeks	Week 1 to Week 8
Site Area 3	Balmoral Avenue/Prittchard Road junction	1 day 3 weeks	1 day in Week 5 Week 6 to Week 8
Site Area 4	Comox Golf Club	8 weeks	Week 1 to Week 8
Site Area 5	North Port Augusta Street	4 weeks	Week 5 to Week 8
Restricted Area A	Balmoral Avenue: Between Terrence Road and east Prittchard Road junction	8 weeks	Week 1 to Week 8
Restricted Area B	Balmoral Avenue: Between west Prittchard Road junction and east Stewart Street junction	8 weeks	Week 1 to Week 8
Restricted Area C	Balmoral Avenue: Between west Stewart Street junction and Port Augusta Street	8 weeks	Week 1 to Week 8
Restricted Area D	North Port Augusta Street	4 weeks	Week 1 to Week 4
Temporary Access A	Comox Golf Club to Balmoral Avenue	4 weeks	Week 5 to Week 8
Temporary Ramp	North Port Augusta Street to Comox Golf Club	4 weeks	Week 5 to Week 8
Hedges	Balmoral Avenue/Stewart Street junction	8 weeks	Week 1 to Week 8

MORLAND ROAD HDD: ENTRY PIT AND PIPE LAYDOWN



Stage 1: Week 1 to 2

- Establish Site Area & Develop Entry Pit
- Pilot Hole and subsequent reaming

Stage 2: Week 3

- HDD Pulling Operation
- Demobilisation



Site Area: 3 weeks



Restricted Area: 3 weeks

Restricted traffic:

- North Side 5 m of Brent Road and verge occupied.