Capital Culture District | Appendix E



Harbour Pathway

Phasing Scenarios		2
-		

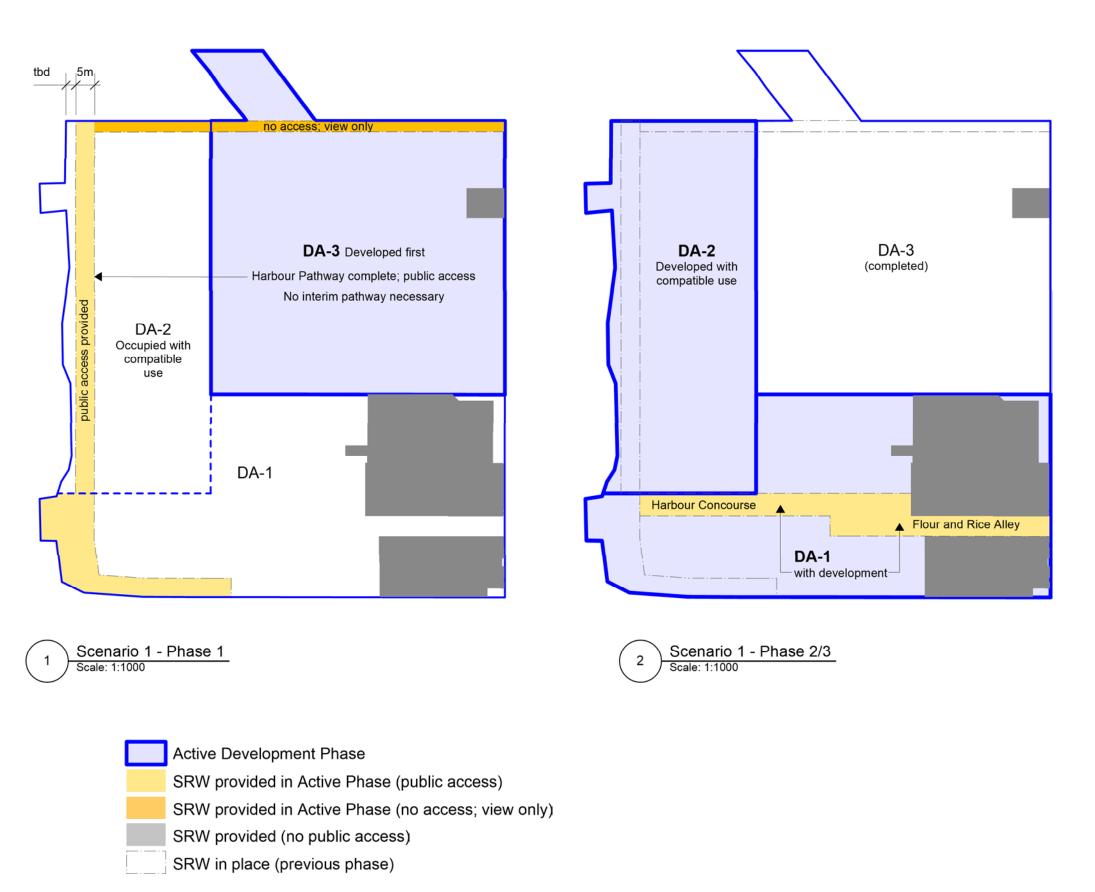
- Concept Design 7
- Lighting Memo
 - 8



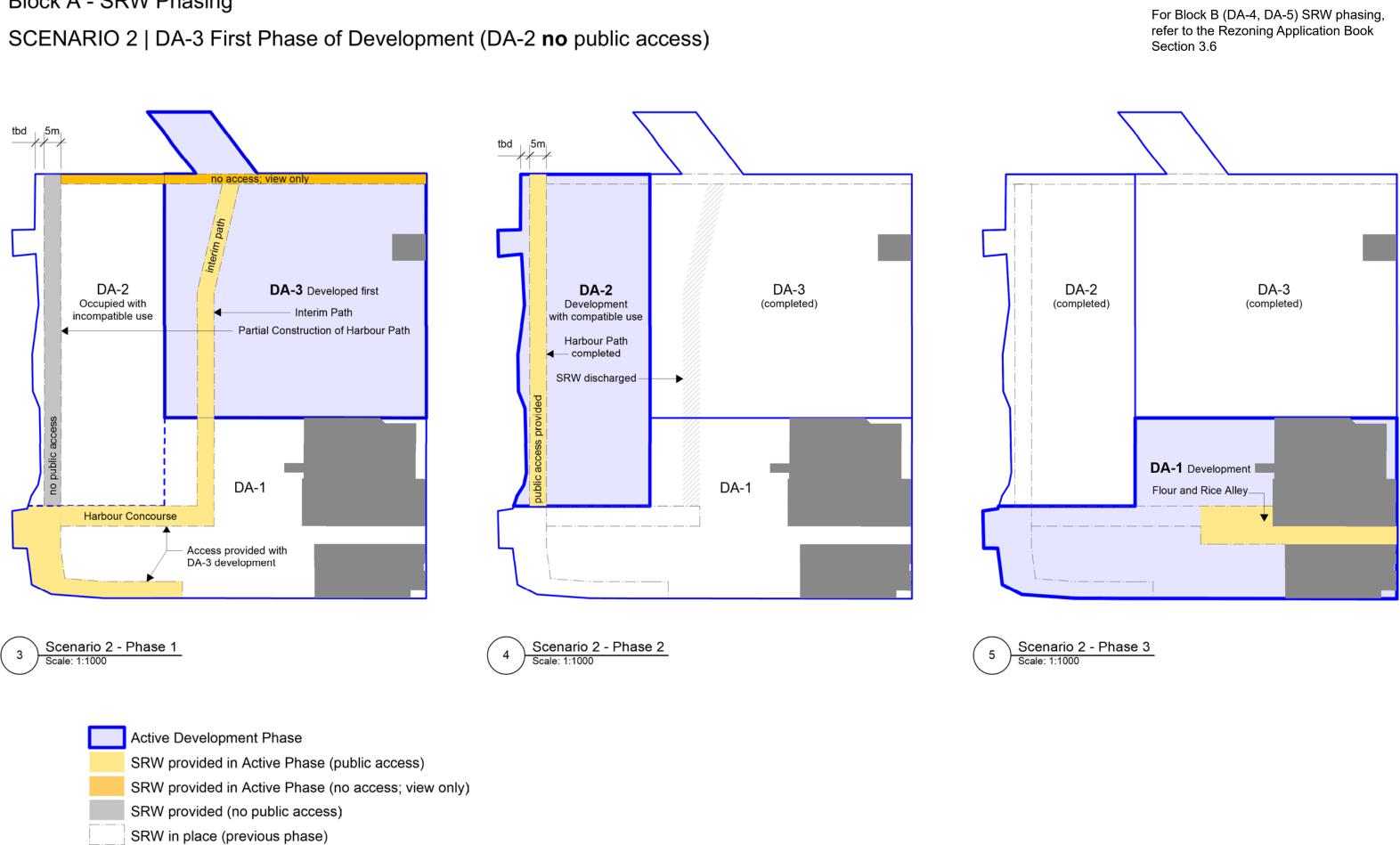


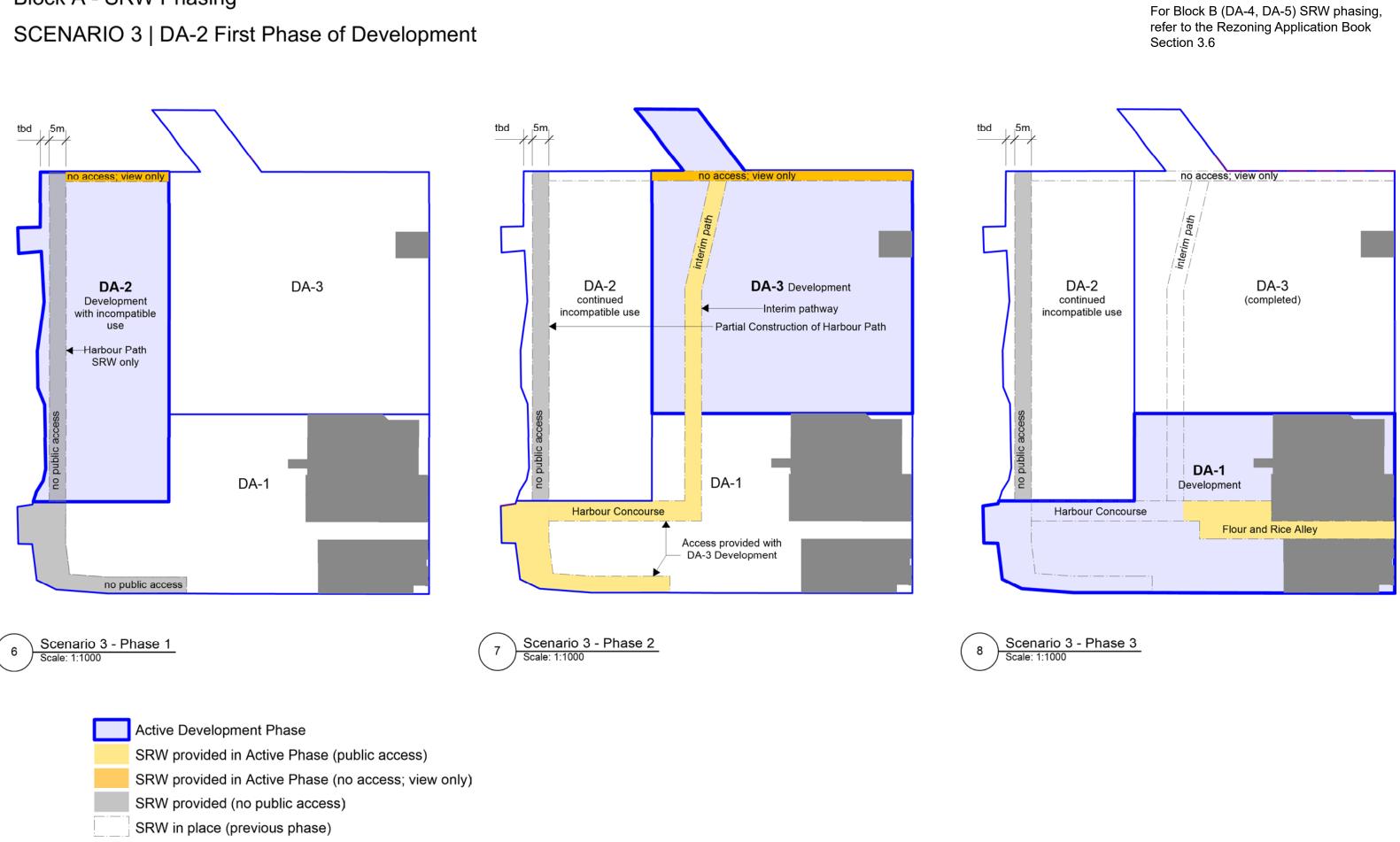
Issued for: Official Community Amendment and Rezoning Prepared for Reliance Properties Ltd. by DAU (D'AMBROSIO Architecture + Urbanism) November 13, 2024 | DAU #1931

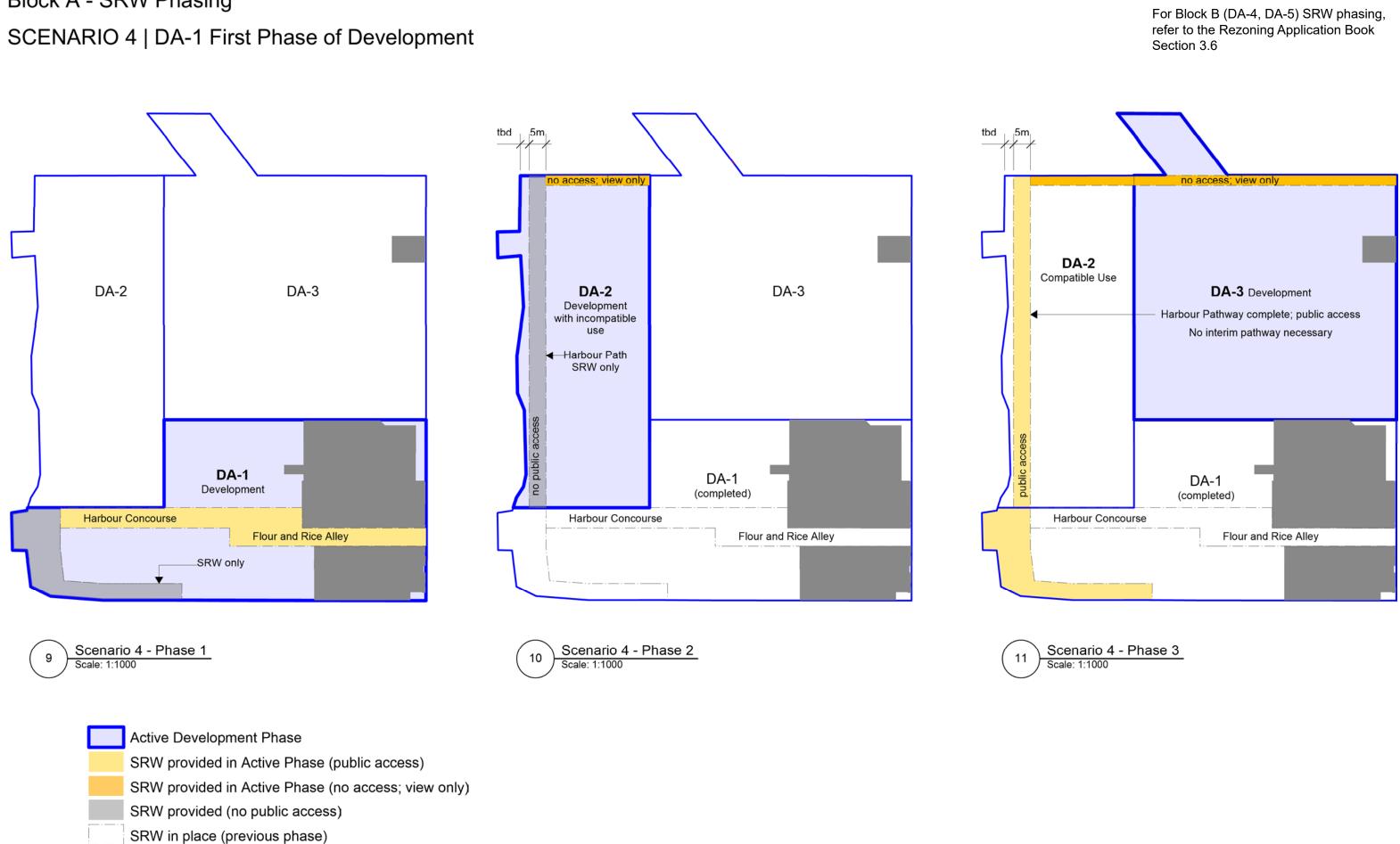
SCENARIO 1 | DA-3 First Phase of Development (DA-2 public access)



For Block B (DA-4, DA-5) SRW phasing, refer to the Rezoning Application Book Section 3.6



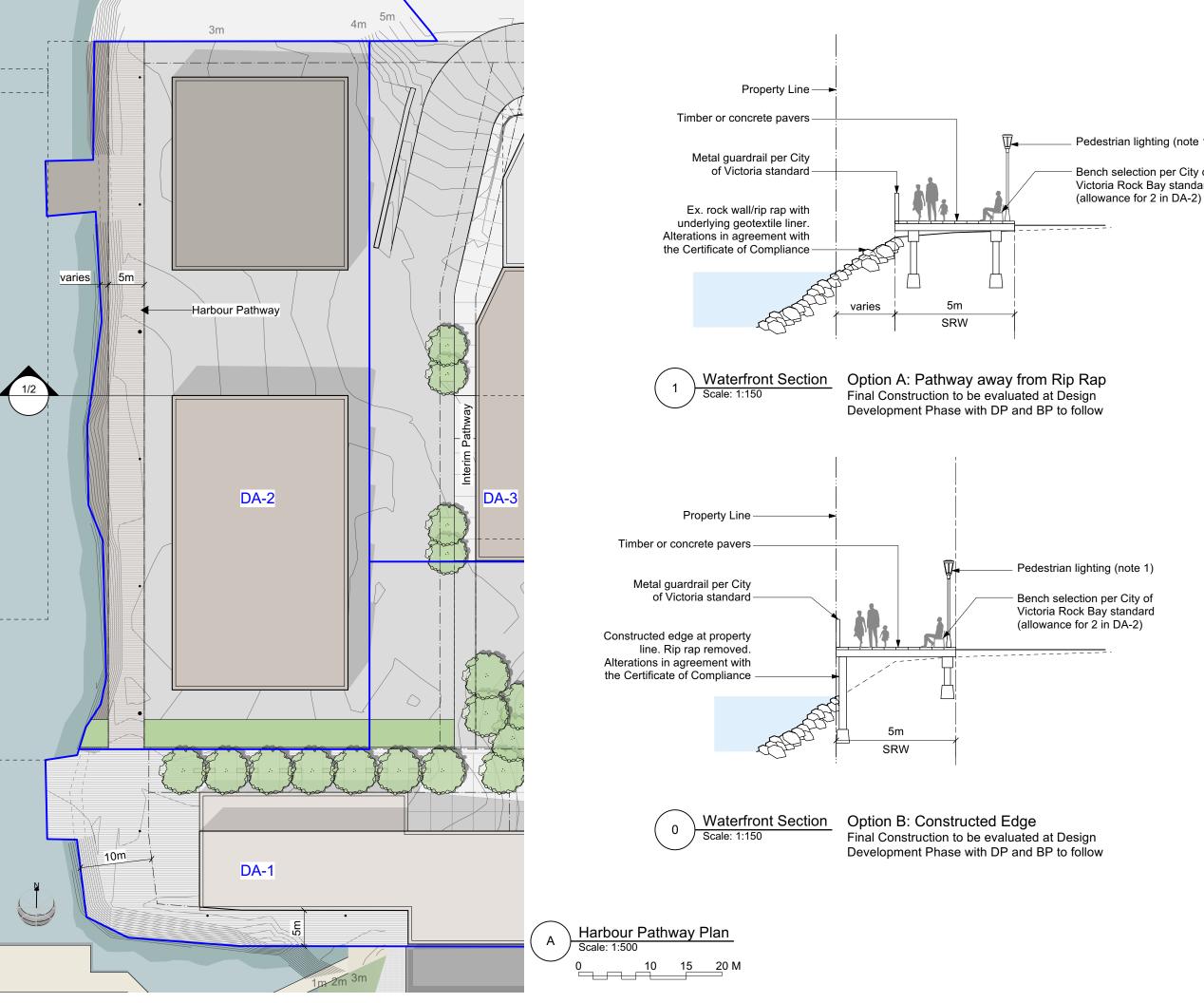




SCENARIO 5 | Concurrent Development of DA-1/2/3



For Block B (DA-4, DA-5) SRW phasing, refer to the Rezoning Application Book Section 3.6





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Pedestrian lighting (note 1)

Bench selection per City of Victoria Rock Bay standard

Notes:

1. Lighting levels along the pathway will be minimum 0.5 foot candles with 8:1 uniformity ratio, and will consist of a combination of Ashbery Poles and Ashbery Bollards or similar.

2. Phased Construction:

If the provision of the Harbour Pathway in DA-2 is phased due to the continuation of industrial use, the following items would be provided when public access¹ is permitted: - Lighting Fixtures

- Benches
- Guardrail (if modification is necessary)
- Timber or concrete paving (repair or replacement if necessary)
- ¹See Rezoning Application Book Section 3 | Data for a list of compatible uses (access provided).

HARBOUR PATHWAY

2024.11.05 DAU 1931



November 1st 2024



Surya Patrick Lourdu, P.Eng. e2 Engineering 530 Herald Street Victoria, BC V8W 1S5

City of Victoria 1 Centennial Square Victoria, BC V8W 1P6

Attention: To whom it may concern:

Reference: 530 Chatham Street and 1824, 1900, 1907, 1908,1924 and 2010 Store Street: Rezoning Application No. 00796 and associated Official Community Plan Amendment (Downtown)

Reliance Properties has reviewed a solution for the Harbour Pathway that aligns with the City of Victoria's lighting standards, enhances public safety and minimizes light pollution. We have selected a combination of Ashbery Poles and Ashbery Bollards to provide consistent illumination while maintaining a visually pleasing aesthetic.



Figure 1 Ashbery Post-top Luminaire

The pathway lighting design adheres to the Illuminating Engineering Society (IES) standards for pedestrian pathways and commits to the following specifications

- 1. Lighting Level minimum of 0.5 foot candles, providing sufficient visibility and enhancing pathway safety.
- 2. Uniformity Ratio 8:1, achieving balanced light distribution across the pathway while managing areas of brightness and minimizing light spill.

The City of Victoria's restriction to Type 3 and Type 5 lighting distributions limits luminaire options. Given this, Ashbery fixtures were selected as they deliver adequate coverage for this type of pathway. Although these post-top luminaires are typically used for broader areas, the combination with bollards will support even illumination along the path while addressing limitations related to uniformity in narrow walkways.

This focus on lighting levels and uniformity, rather than luminaire quantity, allows for adaptability if lighting technologies evolve, ensuring long-term alignment with the City's standards. The images attached depict the look of the proposed luminaires and they are also identified in the *Sketch ASK-Harbour Pathway* provided by DAU Studio.



Figure 2 Ashbery Bollard

Regards,

Surya Patrick Lourdu, P.Eng. e2 Engineering Inc. Principal 778-587-9391