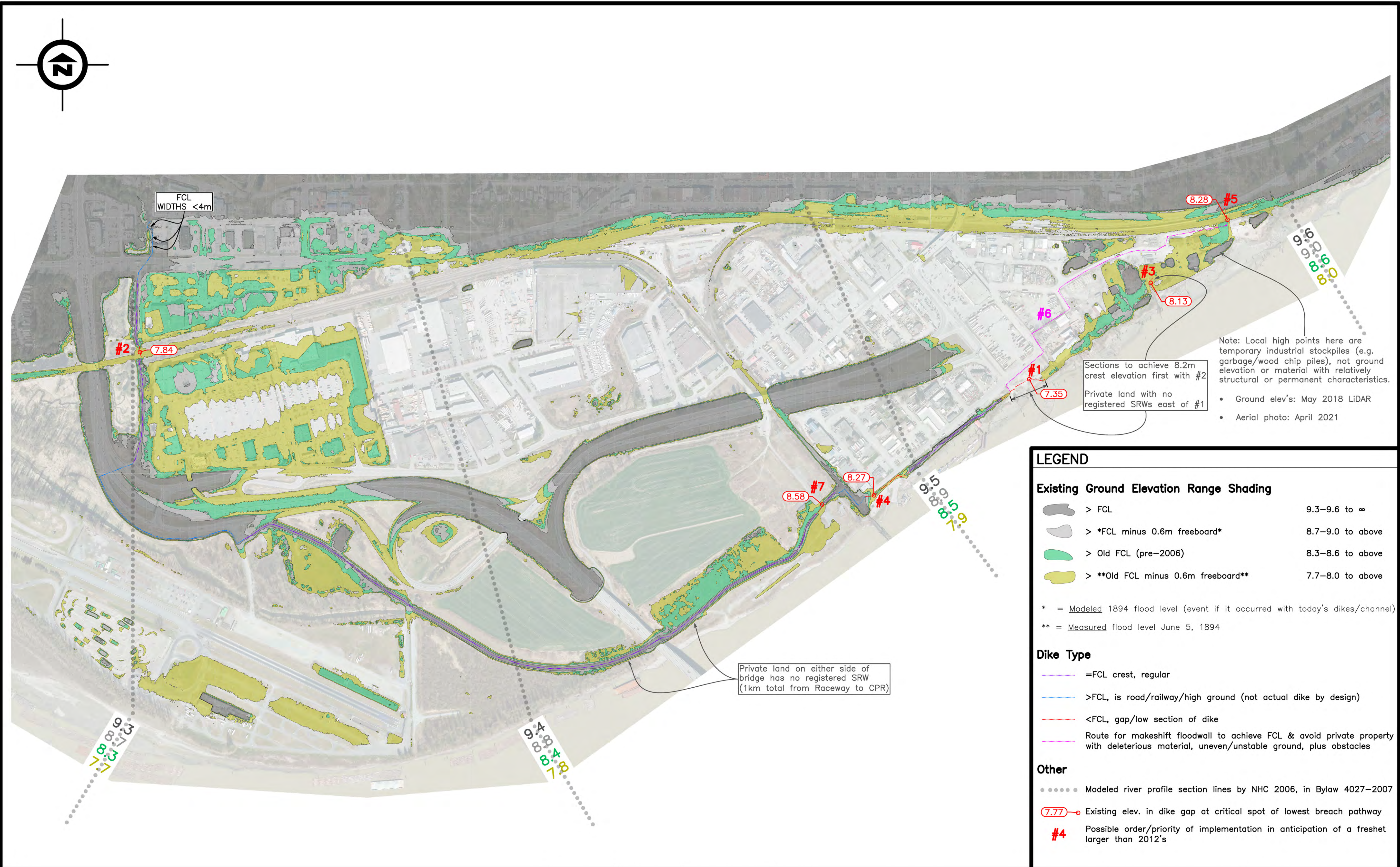


Attachment E: Dike Deficiencies - Mission City



LEGEND

Existing Ground Elevation Range Shading

> FCL	9.3–9.6 to ∞
> *FCL minus 0.6m freeboard*	8.7–9.0 to above
> Old FCL (pre-2006)	8.3–8.6 to above
> **Old FCL minus 0.6m freeboard**	7.7–8.0 to above

* = Modeled 1894 flood level (event if it occurred with today's dikes/channel)
 ** = Measured flood level June 5, 1894

Dike Type

- = FCL crest, regular
- > FCL, is road/railway/high ground (not actual dike by design)
- < FCL, gap/low section of dike
- Route for makeshift floodwall to achieve FCL & avoid private property with deleterious material, uneven/unstable ground, plus obstacles

Other

- Modeled river profile section lines by NHC 2006, in Bylaw 4027–2007
- (7.77) Existing elev. in dike gap at critical spot of lowest breach pathway
- #4 Possible order/priority of implementation in anticipation of a freshet larger than 2012's

NOTES
 —DIMENSIONS/LENGTHS ARE IN METRES. ELEVATIONS ARE METRES ABOVE SEA LEVEL (GEODETIC SURVEY OF CANADA DATUM).

APPROVED	REV	DATE	DESIGNED	CHECKED	DRAWN	DESCRIPTION
	—	2022-04-28	—	—	B.I.S.	FOR INFORMATION

CITY OF MISSION	
FLOOD PROTECTION DEFICIENCY ANALYSIS	SCALE: H 1:4,000 V —
MISSION CITY DIKE	PROJECT # —
	DRAWING # —
	SHEET # 01 OF 01