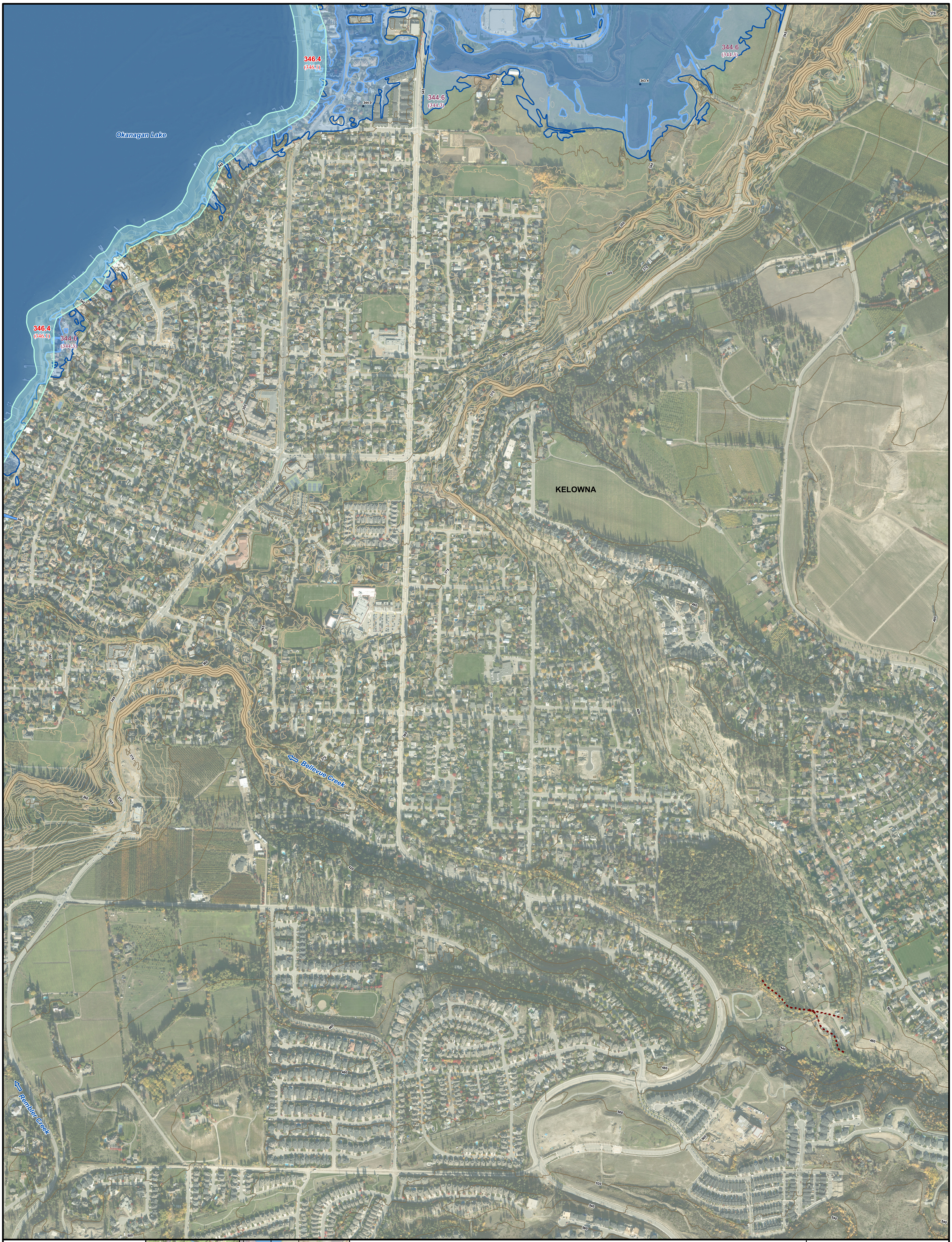

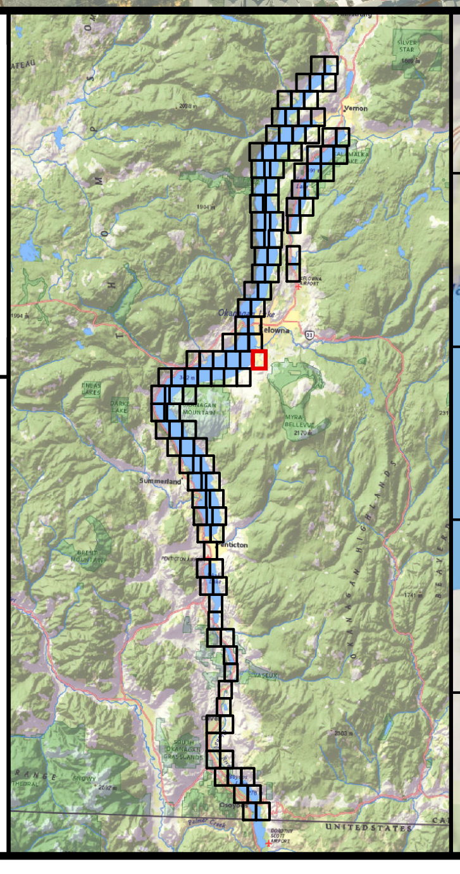

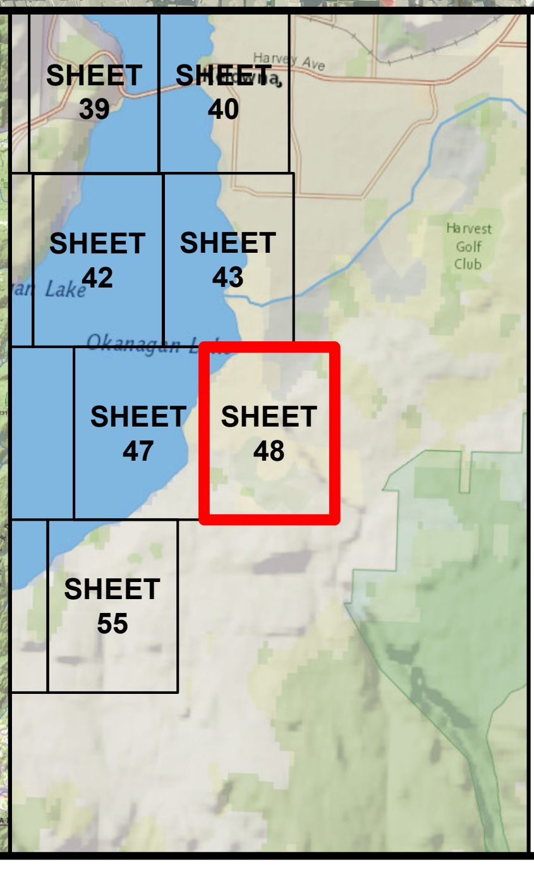

Okanagan Basin
WATER BOARD

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⇨	FLOW DIRECTION
•	SPOT ELEVATION *labelled with elevation in metres (CGVD2013)*
—	MINOR CONTOUR AT 1 M INTERVAL
—	MAJOR CONTOUR AT 5 M OR 20 M INTERVAL *labelled with elevation in metres (CGVD2013)*
■ ■ ■	DIKE
┼─┼	RAILWAY LINE
☐	FIRST NATION RESERVE BOUNDARY
☐	MUNICIPAL BOUNDARY
☐	REGIONAL DISTRICT BOUNDARY
■■■	STUDY LIMIT
☐	INUNDATION EXTENT - DESIGN WITH FREEBOARD (FCL)
▨	INUNDATION EXTENT - DESIGN WITHOUT FREEBOARD
123.4 (123.1)	FLOOD CONSTRUCTION LEVEL (FCL) RIVER ISOLINE *Rivers - labelled with FCL in metres CGVD2013 (FCL in CGVD28)*
123.4 (123.4)	FLOOD CONSTRUCTION LEVEL (FCL) LAKE ZONE *Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)*
123.4 (123.4)	FLOOD CONSTRUCTION LEVEL (FCL) SHORELINE ZONE *Lake - labelled with FCL in metres CGVD2013 (FCL in CGVD28)*

REFER TO NOTES ON INDEX MAP

DESIGN FLOOD
- OKANAGAN RIVER REACHES: 200-YEAR MID-CENTURY[a]
- OKANAGAN LAKE: 2017 MID-CENTURY [b]
- WOOD AND KALAMALKA LAKES: 2017 MID-CENTURY [b]
- ELLISON LAKE: 200-YEAR MID-CENTURY
- SKAHA LAKE: 200-YEAR MID-CENTURY
- VASEUX LAKE: 200-YEAR MID-CENTURY
- OSOYOOS LAKE: 200-YEAR MID-CENTURY

FREEBOARD = 0.6 METRES

Footnote:

[a] "Mid-century" refers to an increase for climate change, projected to occur in 2055.

[b] The 2017 flood is the flood-of-record at Okanagan, Wood, and Kalamalka lakes, and is used as the design flood at these locations because it is larger than a 200-year event.

OKANAGAN MAINSTEM FLOOD MAPPING

FLOODPLAIN MAPS

SHEET 48 OF 116

SCALE - 1:5,000
0 100 200 300 M
N

Coordinate System: NAD 1983 CSRS UTM ZONE 11N
Units: METRES; Vertical Datum: CGVD2013
FCL values in both CGVD2013 and CGVD28 HTv2.0

Engineer	GIS	Reviewer
VCCB	MSN/MAO/SWM	DPM (rivers)/GFL (lakes)/PKK

Job Number	Date
3004430 & 3006034	30-APR-2020, rev. 29-JAN-2021

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