### **APPENDIX 4A**

### **Channel Excavation and Embankment Drawings**

# MANITOBA FLOODWAY EXPANSION AUTHORITY (MFEA) PROJECT DEFINITION AND ENVIRONMENTAL ASSESSMENT (PDEA-2)

## RED RIVER EXPANDED FLOODWAY CHANNEL

### EXPANDED FLOODWAY CHANNEL PRE-DESIGN - EXCAVATION AND EMBANKMENTS

#### LIST OF DRAWINGS:

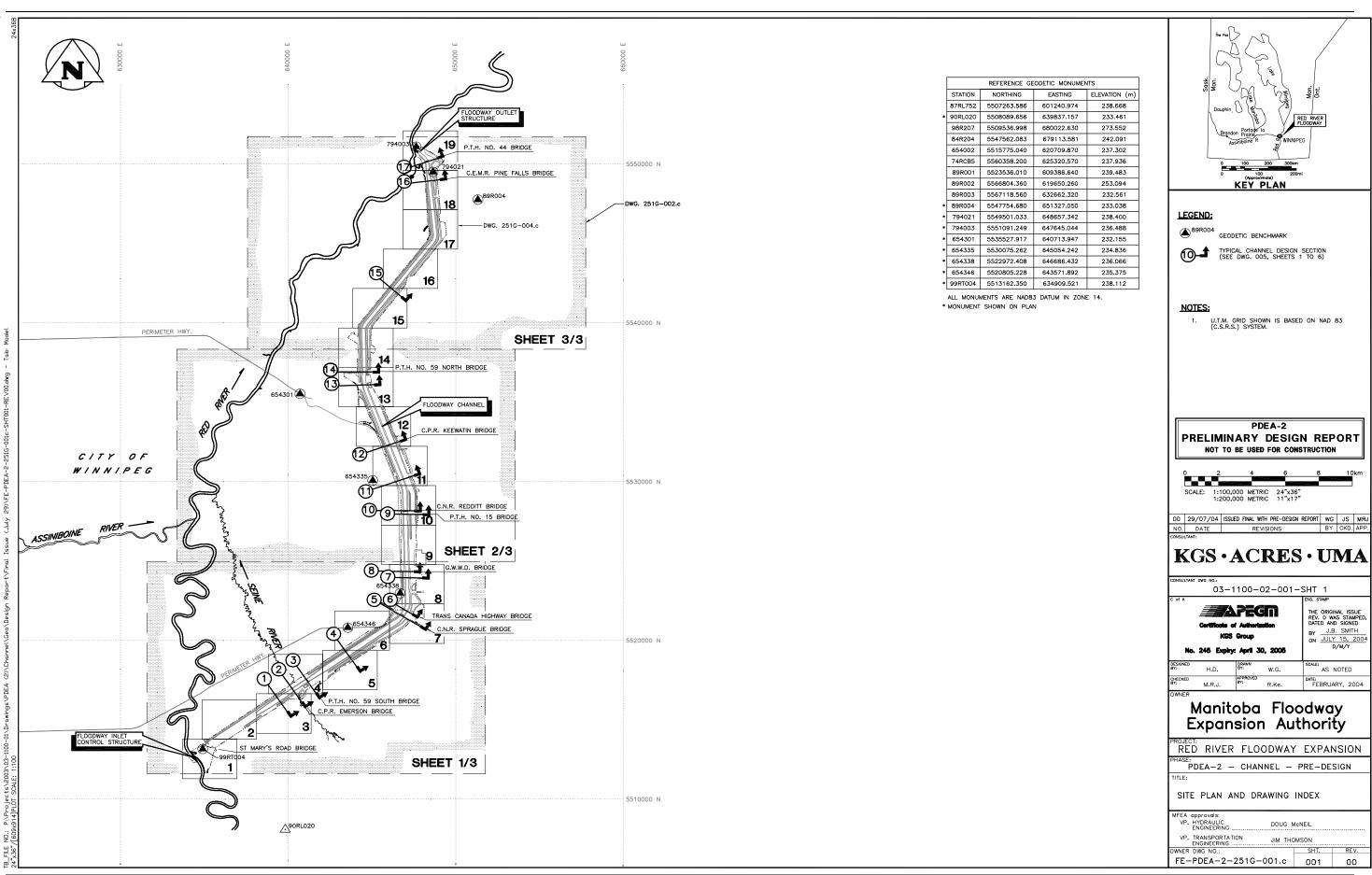
DWG. NO.	DWG TITLE
FE-PDEA-2-251G-CS.c	COVER SHEET LIST OF DRAWINGS
FE-PDEA-2-251G-001.c	SITE PLAN AND DRAWING INDEX
FE-PDEA-2-251G-002.c	CHANNEL GENERAL ARRANGEMENT PLAN AND TYPICAL SECTIONS SHEET 1 OF 3 SHEET 2 OF 3 SHEET 3 OF 3
FE-PDEA-2-251G-003.c	STRATIGRAPHIC PROFILE ALONG CHANNEL
FE-PDEA-2-251G-004.c	CHANNEL EXCAVATION AND EMBANKMENT DETAILED PLANS SHEET 1 OF 19 (STA. 0+000 TO 5+757) SHEET 2 OF 19 (STA. 5+757 TO 8+555) SHEET 3 OF 19 (STA. 8+555 TO 10+756) SHEET 4 OF 19 (STA. 10+756 TO 13+368) SHEET 5 OF 19 (STA. 13+368 TO 15+554) SHEET 6 OF 19 (STA. 15+554 TO 18+249) SHEET 7 OF 19 (STA. 18+249 TO 20+053) SHEET 8 OF 19 (STA. 20+053 TO 22+536) SHEET 9 OF 19 (STA. 22+536 TO 25+019) SHEET 10 OF 19 (STA. 25+019 TO 27+511) SHEET 11 OF 19 (STA. 27+511 TO 30+162) SHEET 12 OF 19 (STA. 30+162 TO 32+814) SHEET 13 OF 19 (STA. 35+380 TO 37+864) SHEET 15 OF 19 (STA. 37+864 TO 40+964) SHEET 16 OF 19 (STA. 40+964 TO 44+104) SHEET 17 OF 19 (STA. 44+104 TO 46+753) SHEET 18 OF 19 (STA. 49+249 TO 50+598)
FE-PDEA-2-251G-005.c	CHANNEL CROSS SECTIONS 1 - 17  SHEET 1 OF 6  SHEET 2 OF 6  SHEET 3 OF 6  SHEET 4 OF 6  SHEET 5 OF 6  SHEET 6 OF 6
FE-PDEA-2-251G-007.c	CHANNEL EMBANKMENTS-AVAILABLE/UTILIZED MATERIAL VOLUMES SHEET 1 OF 3 SHEET 2 OF 3 SHEET 3 OF 3
FE-PDEA-2-251G-008.c	MASS HAUL DIAGRAM
FE-PDEA-2-251G-009.c	LOW FLOW CHANNEL UPGRADING-PROFILE AND SECTIONS

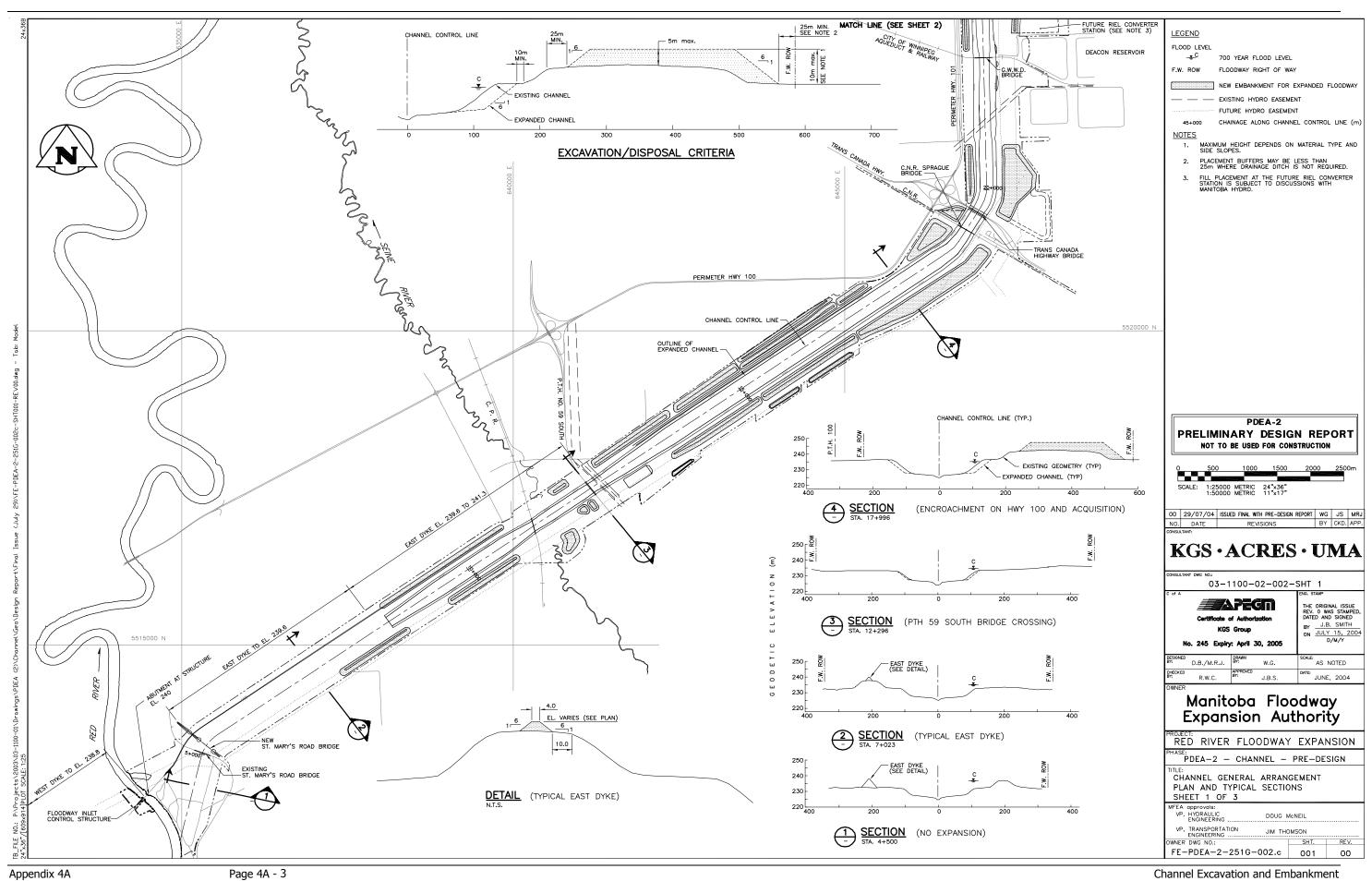
PDEA-2
PRELIMINARY DESIGN REPORT
NOT TO BE USED FOR CONSTRUCTION

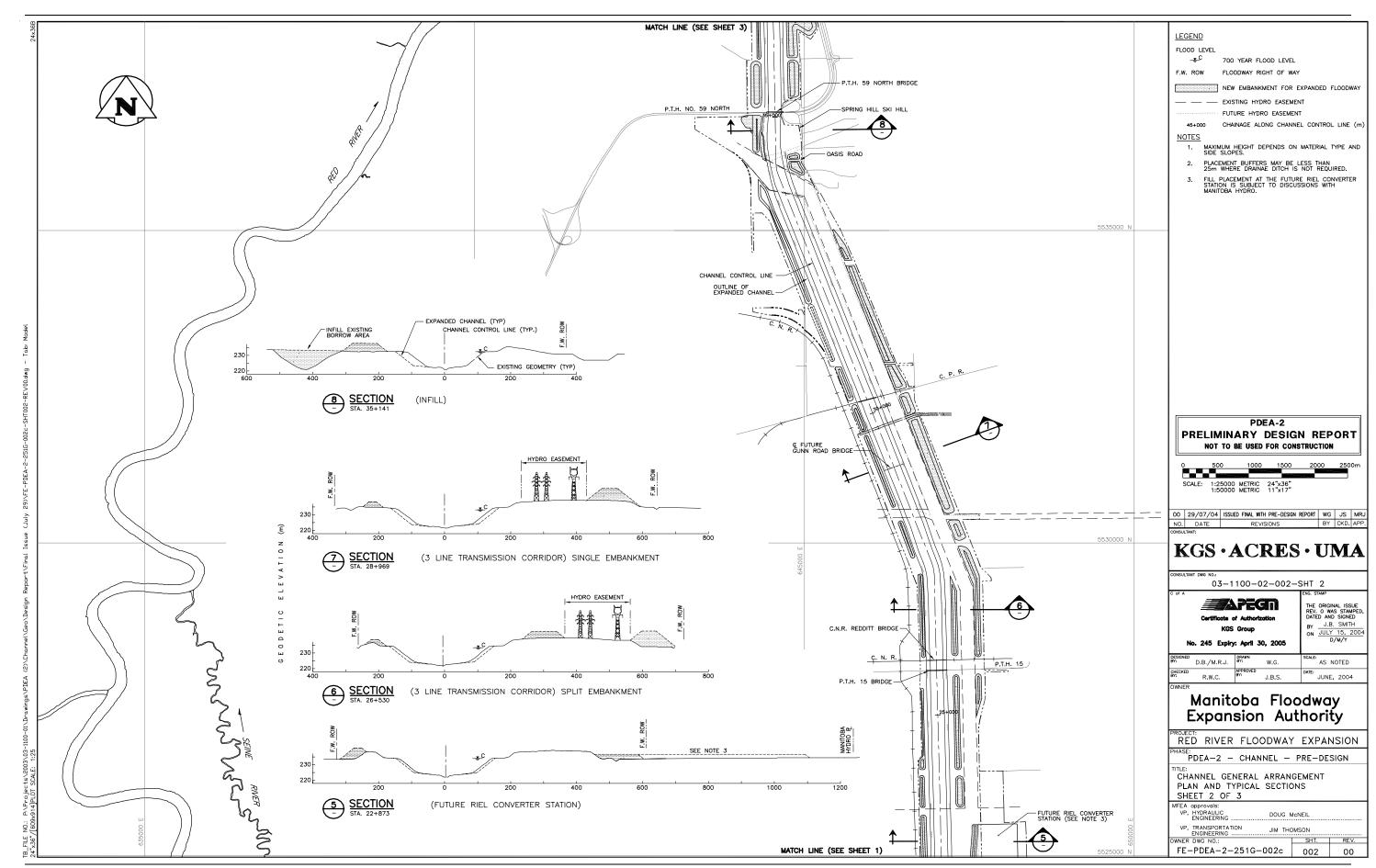
KGS · ACRES · UMA

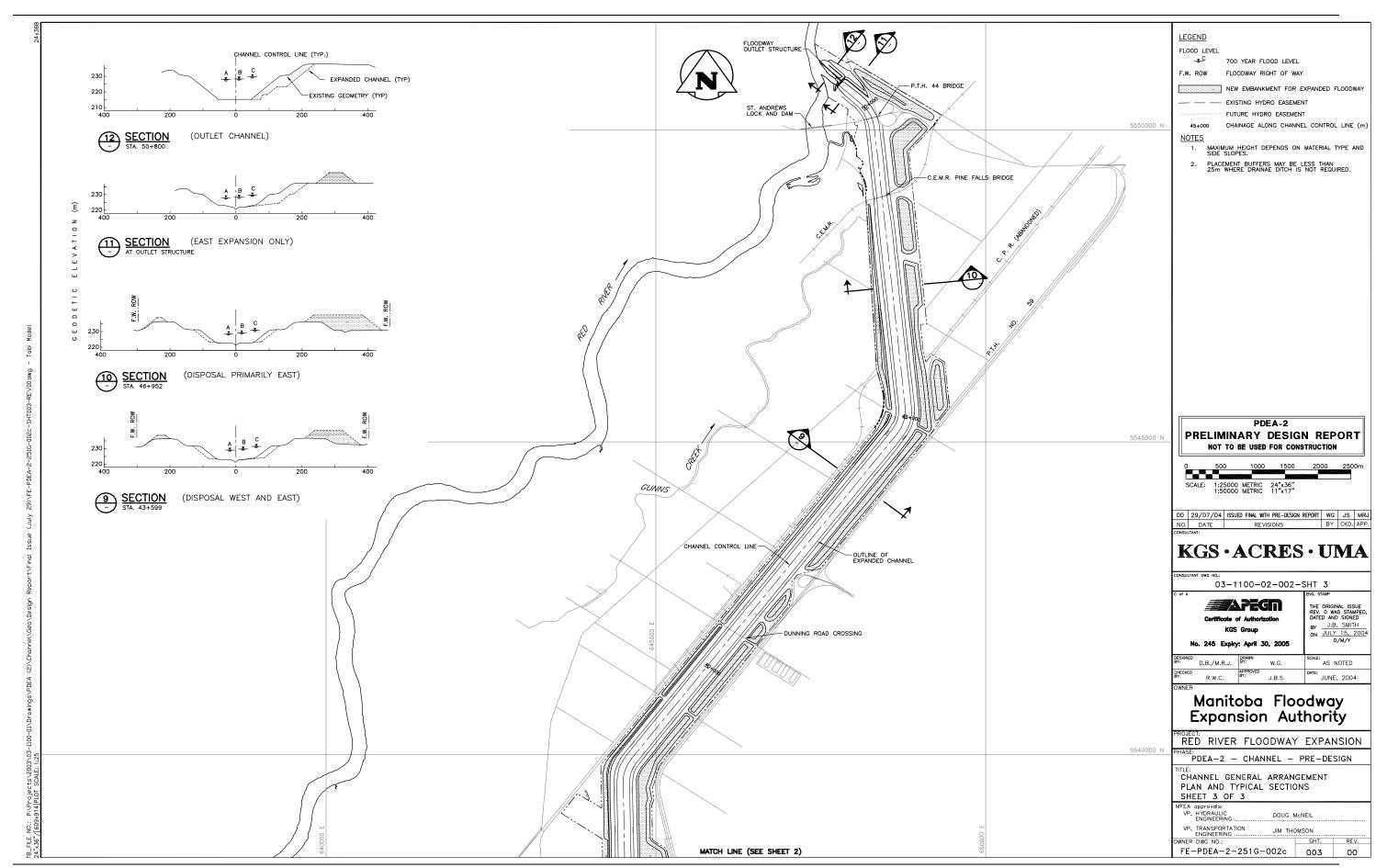
COVER SHEET LIST OF DRAWINGS

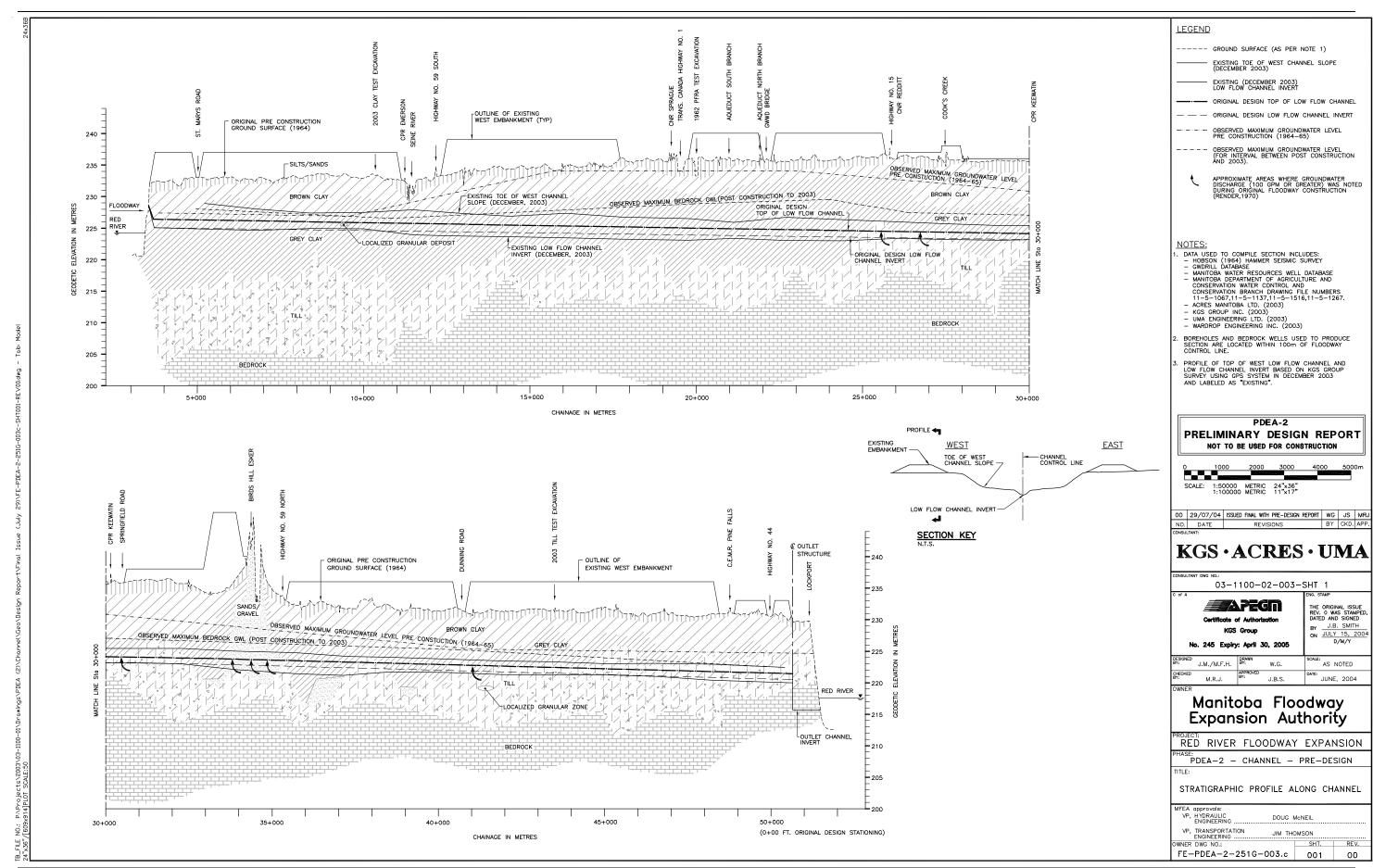
(JULY 29, 2004)

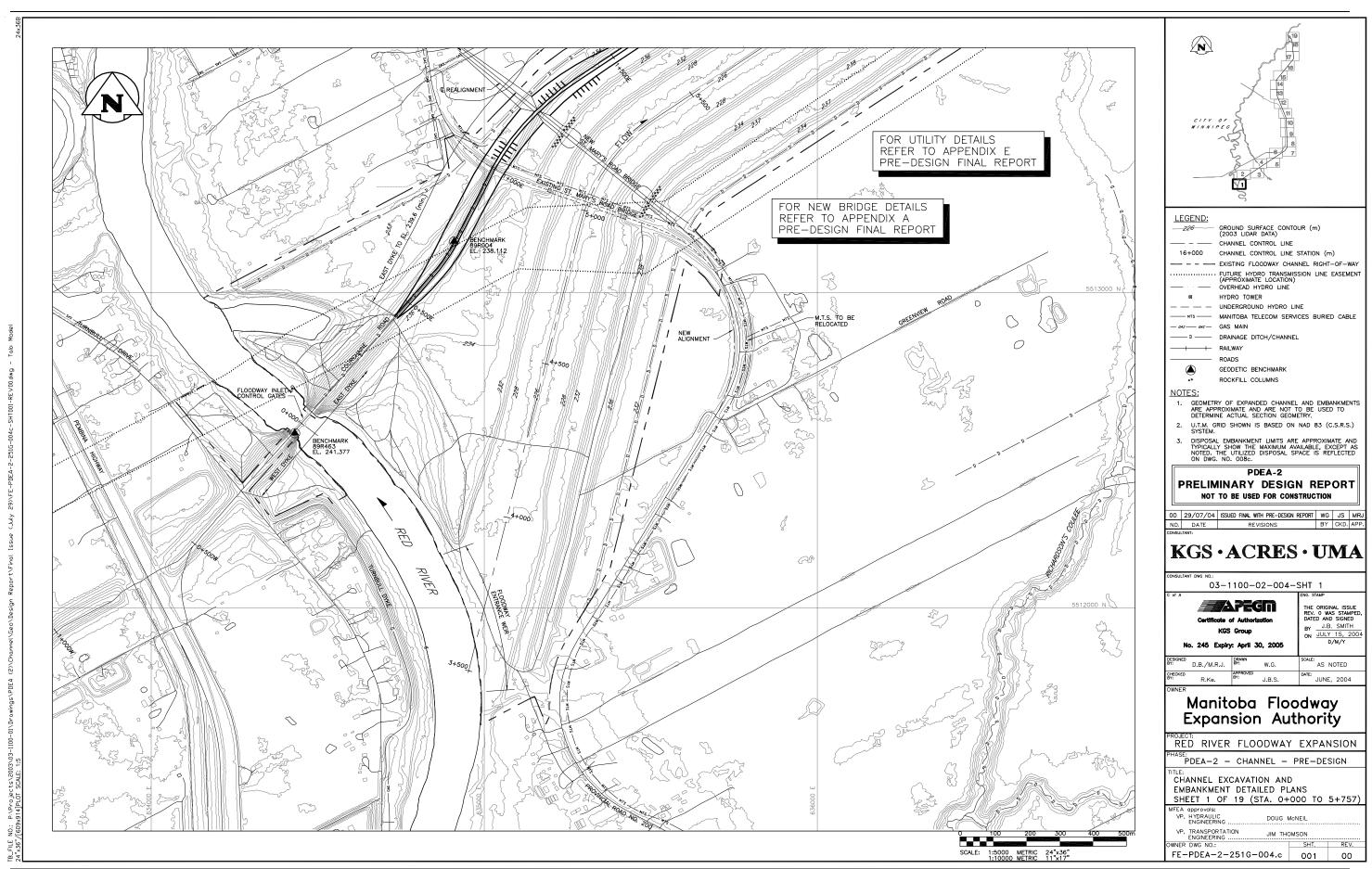


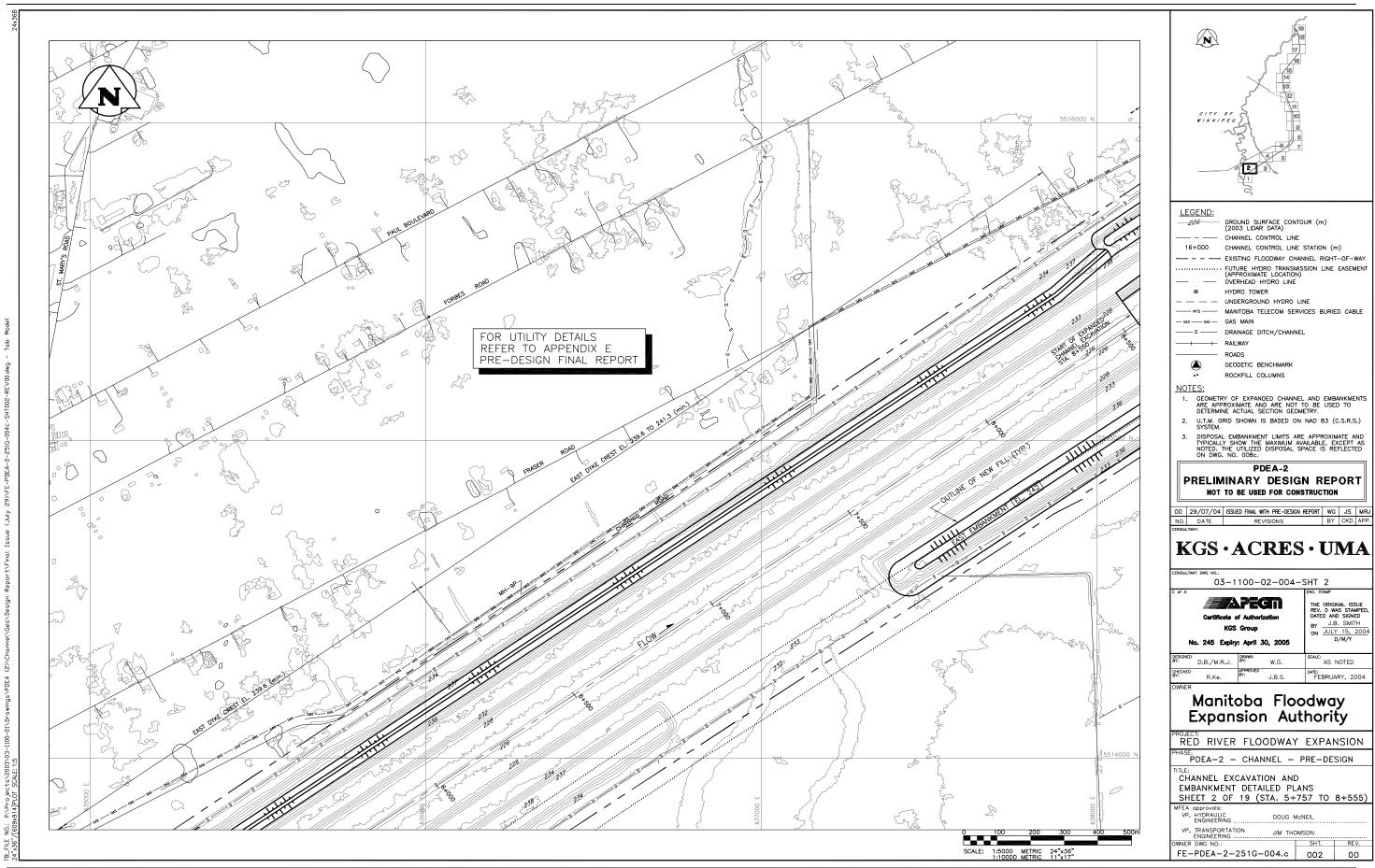


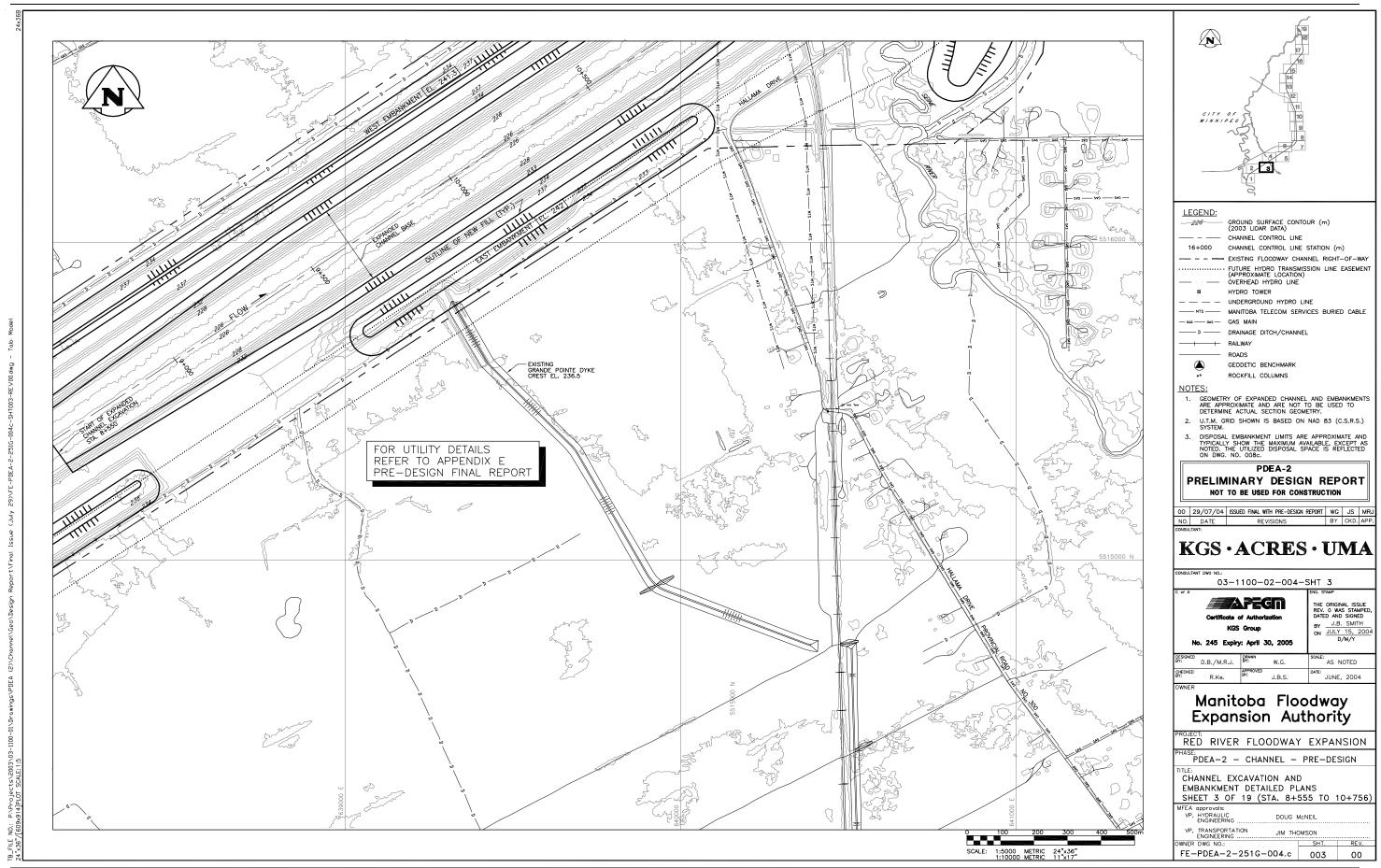


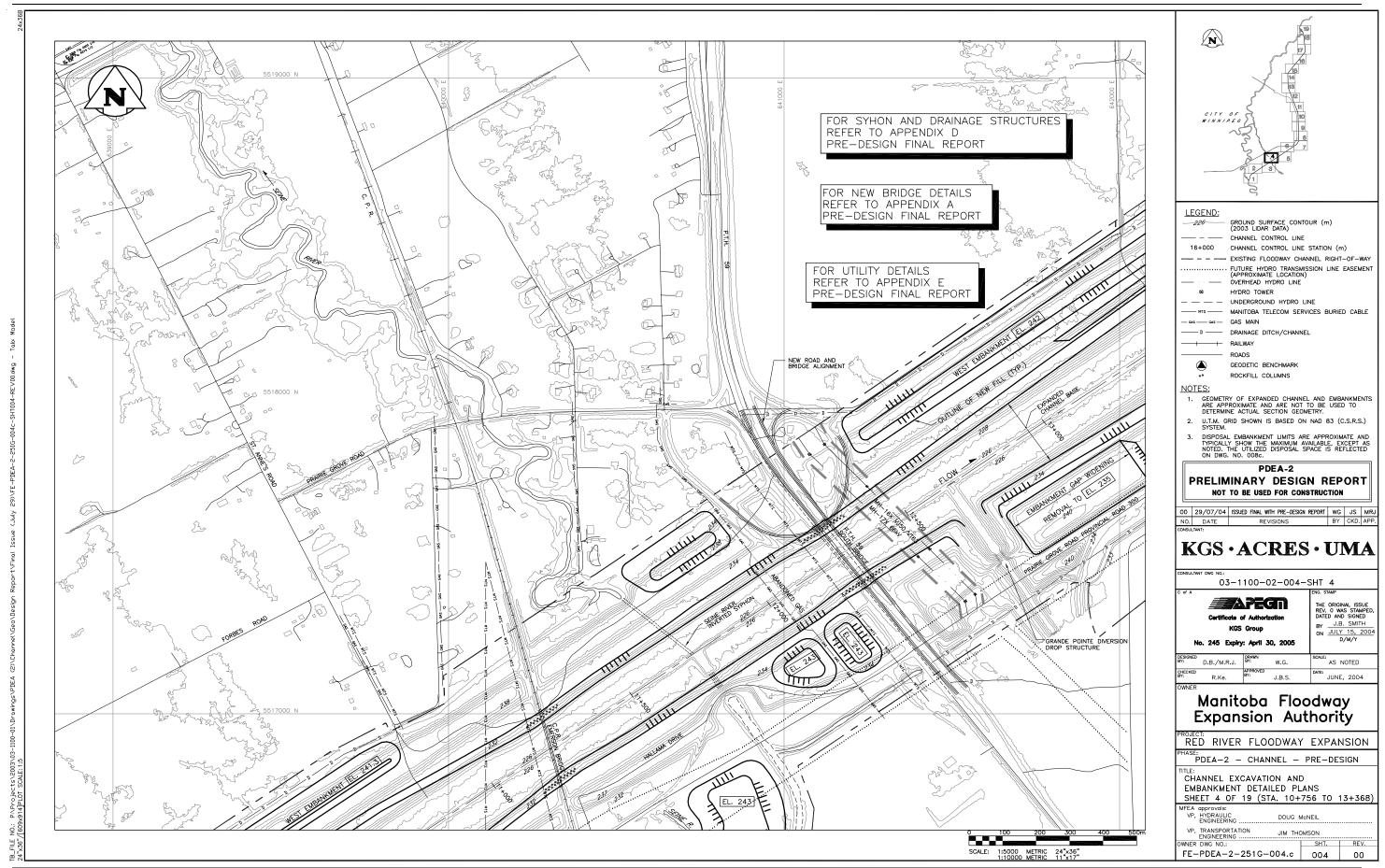


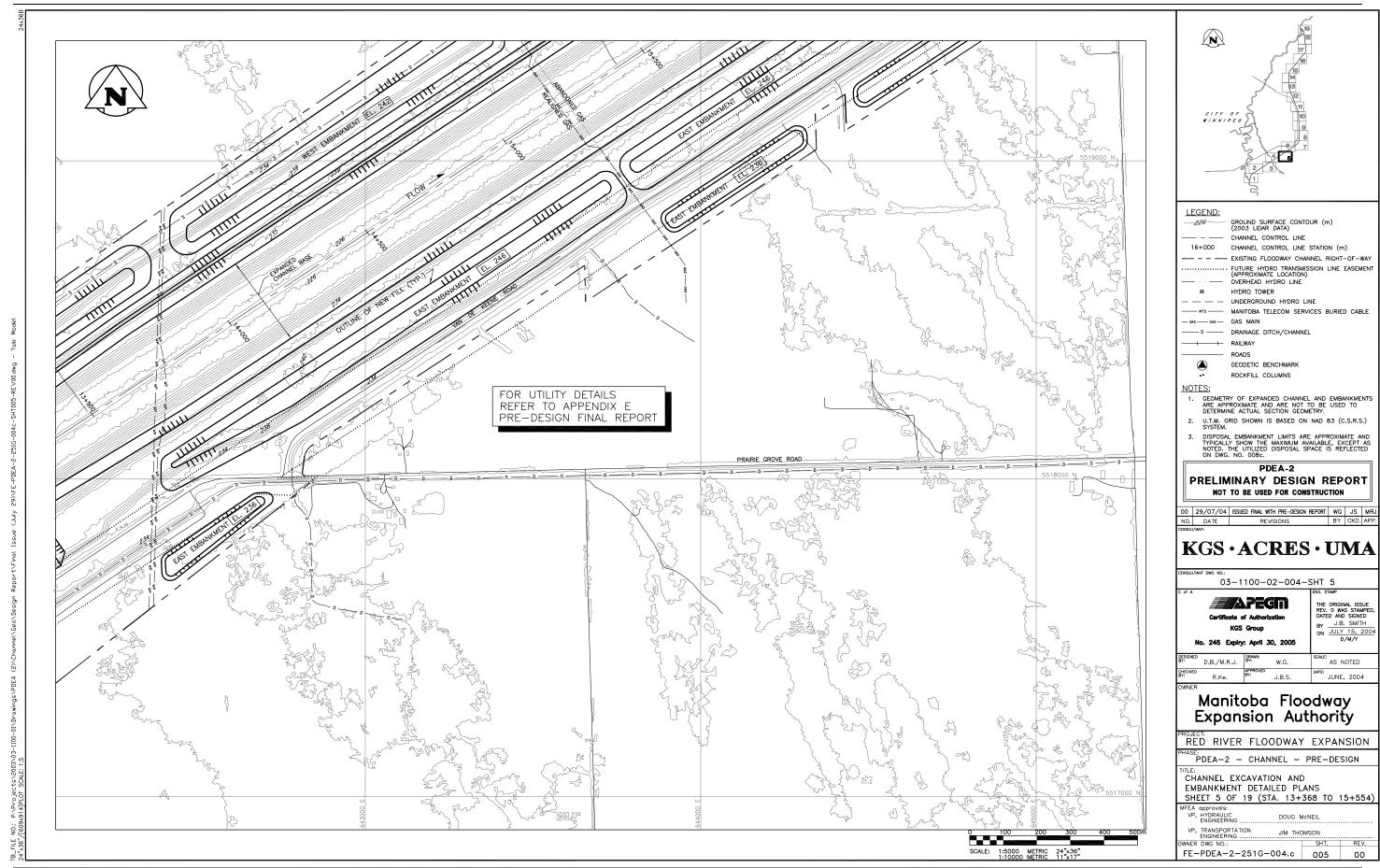


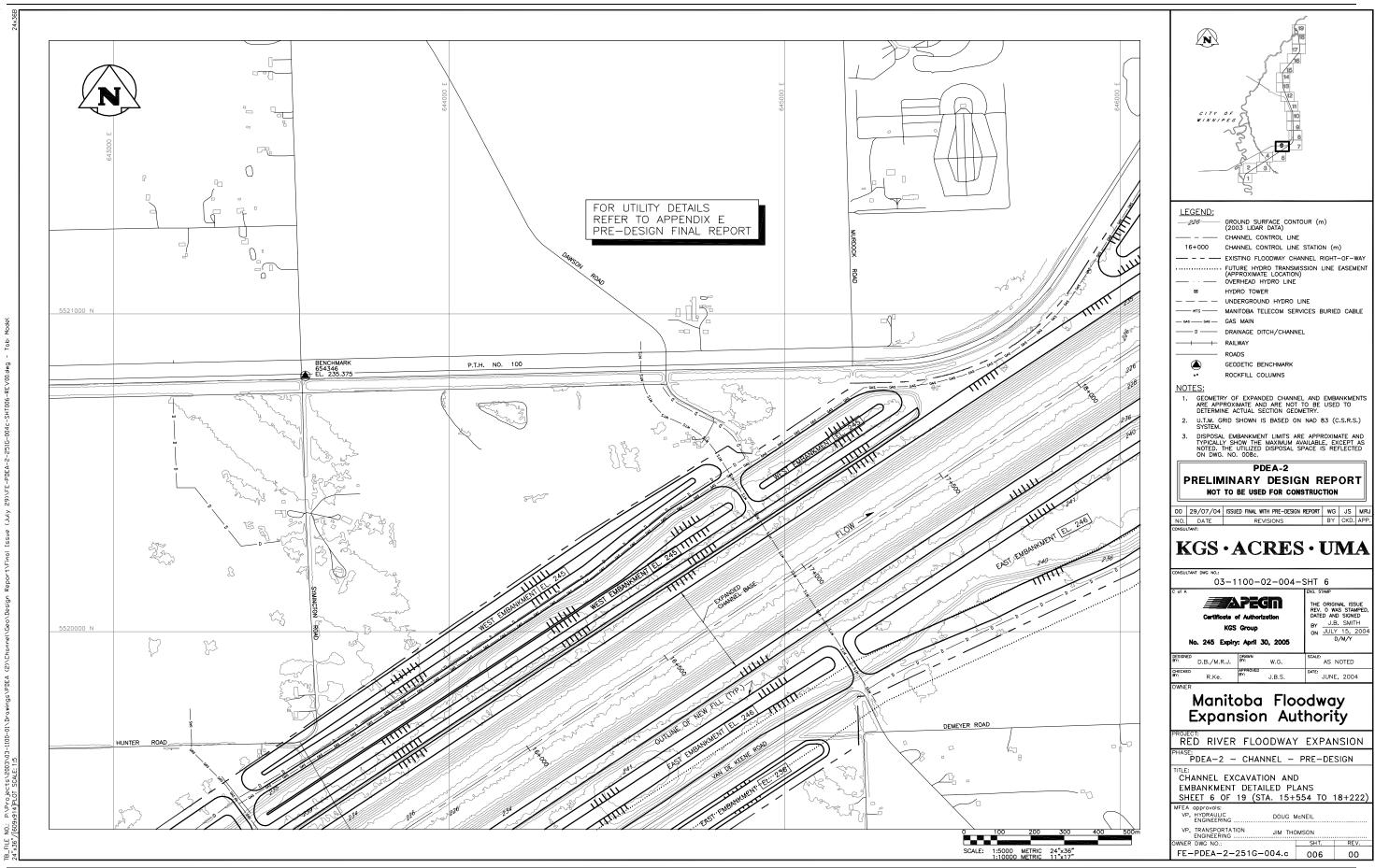


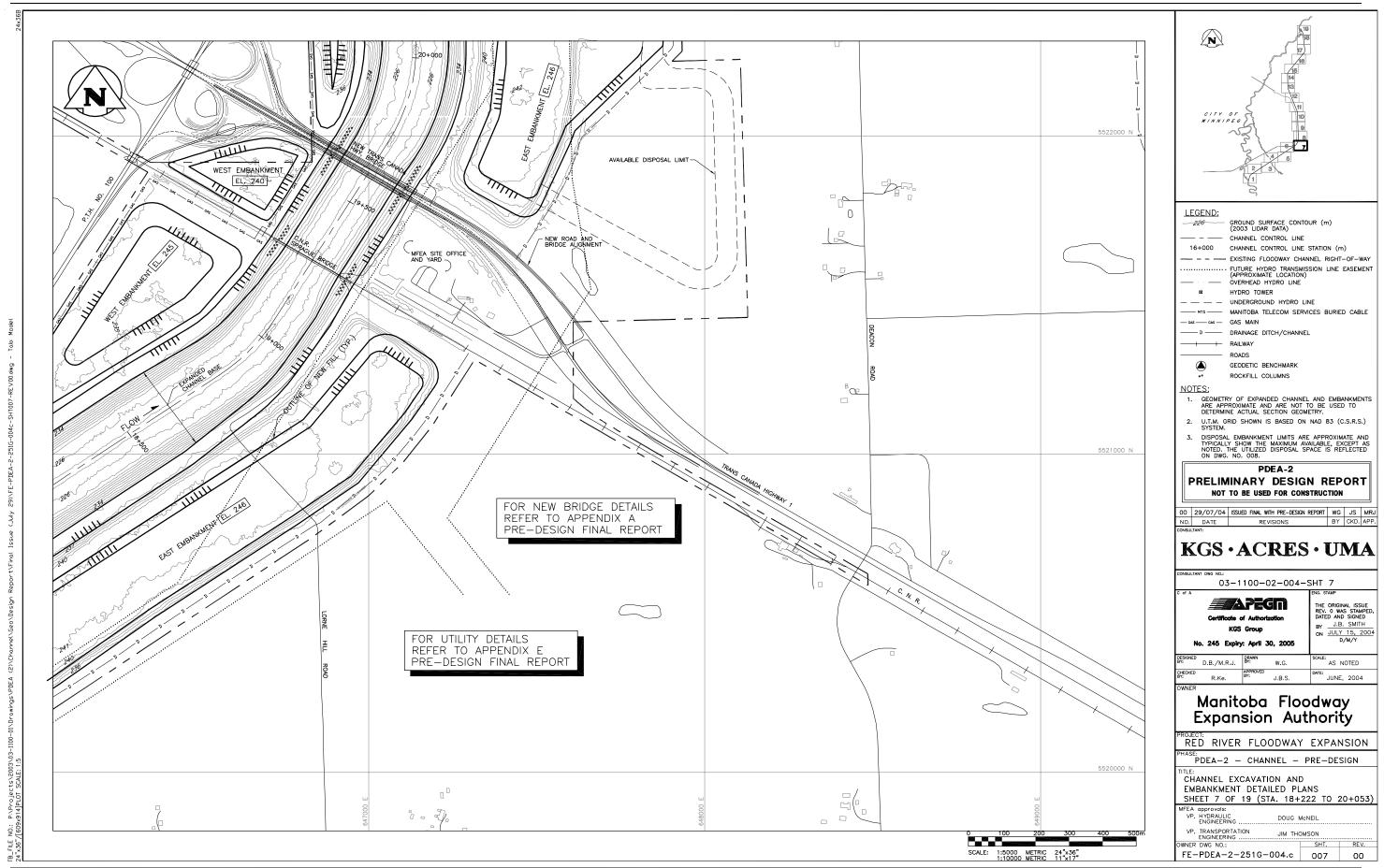


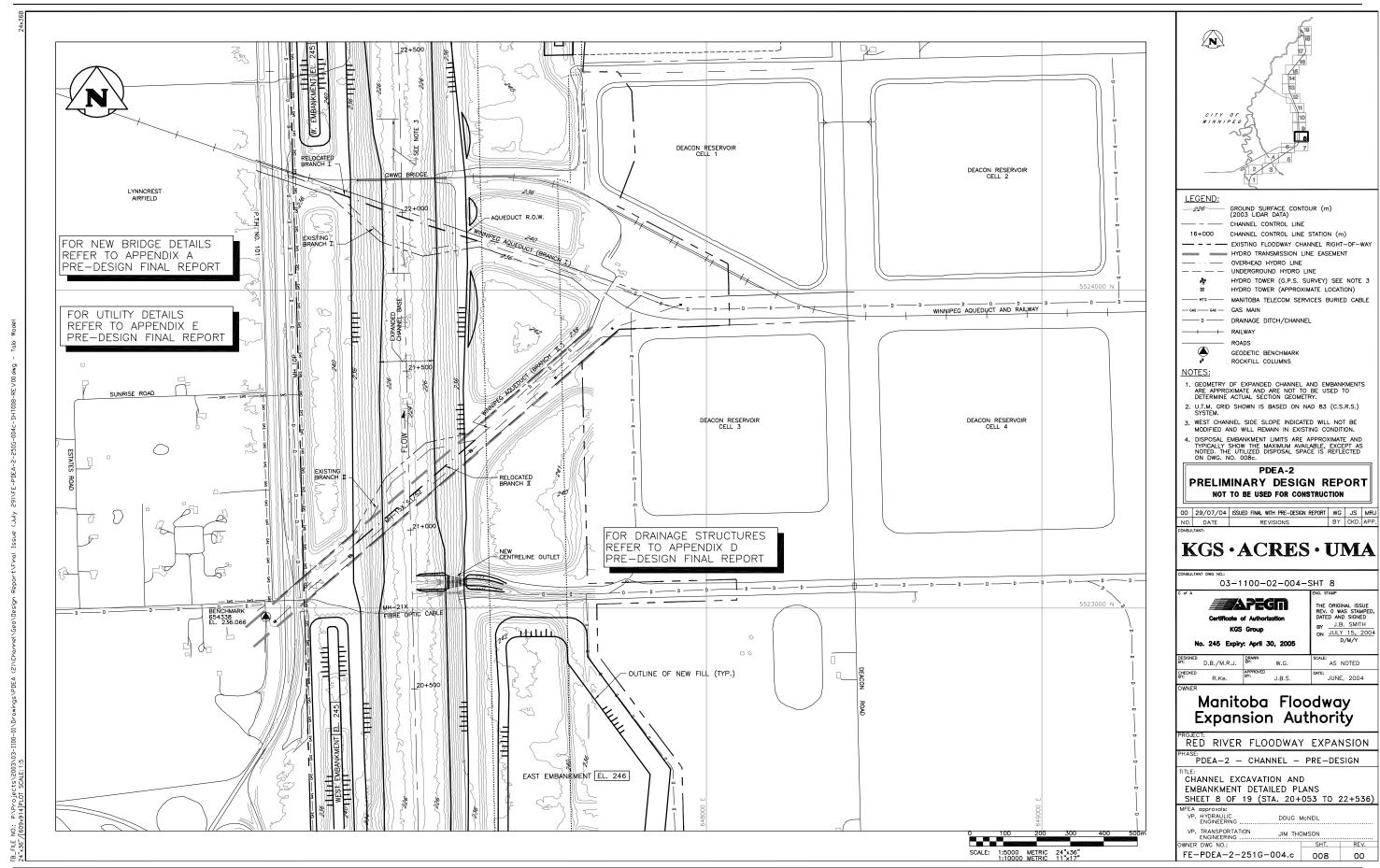


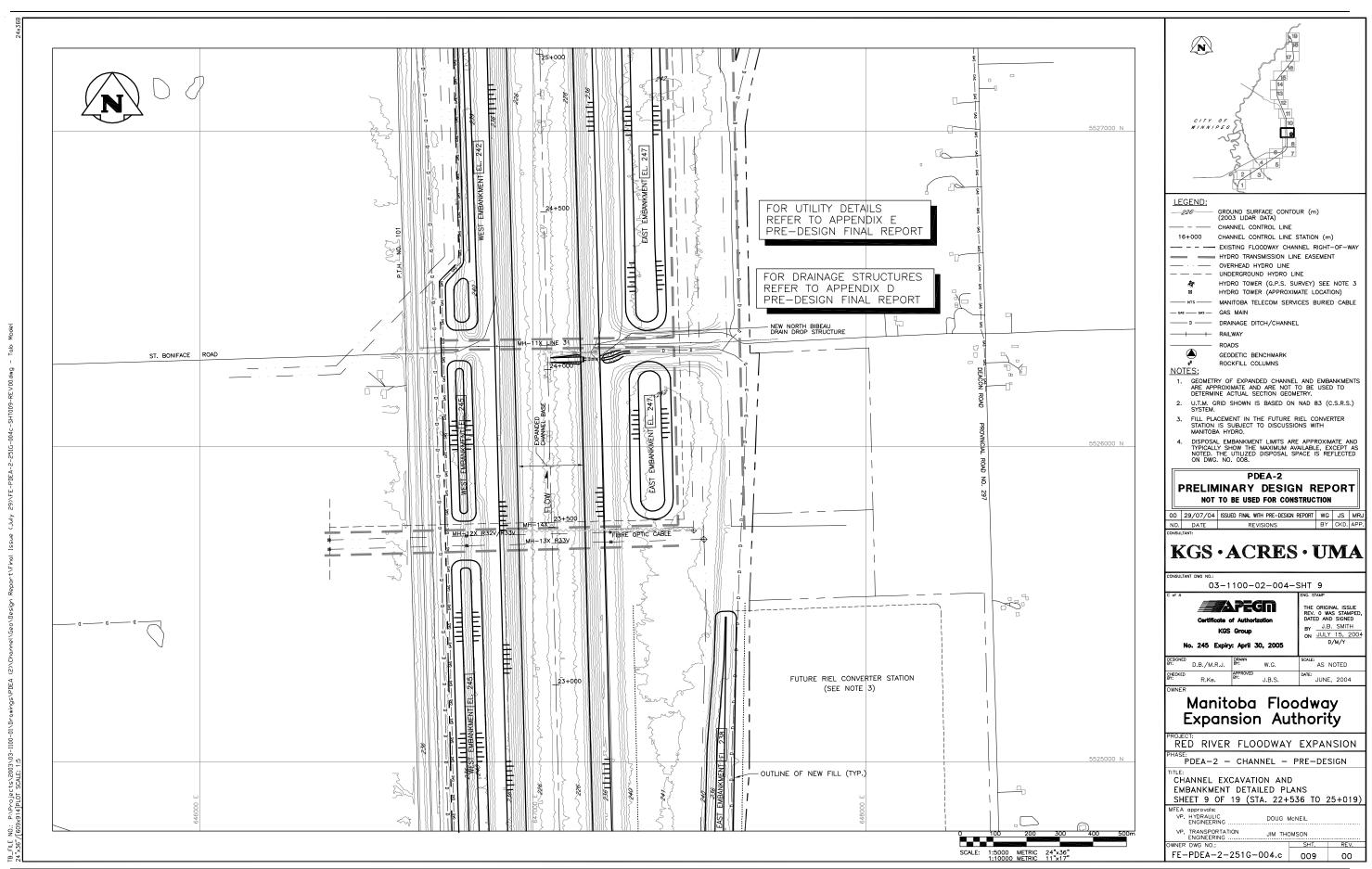


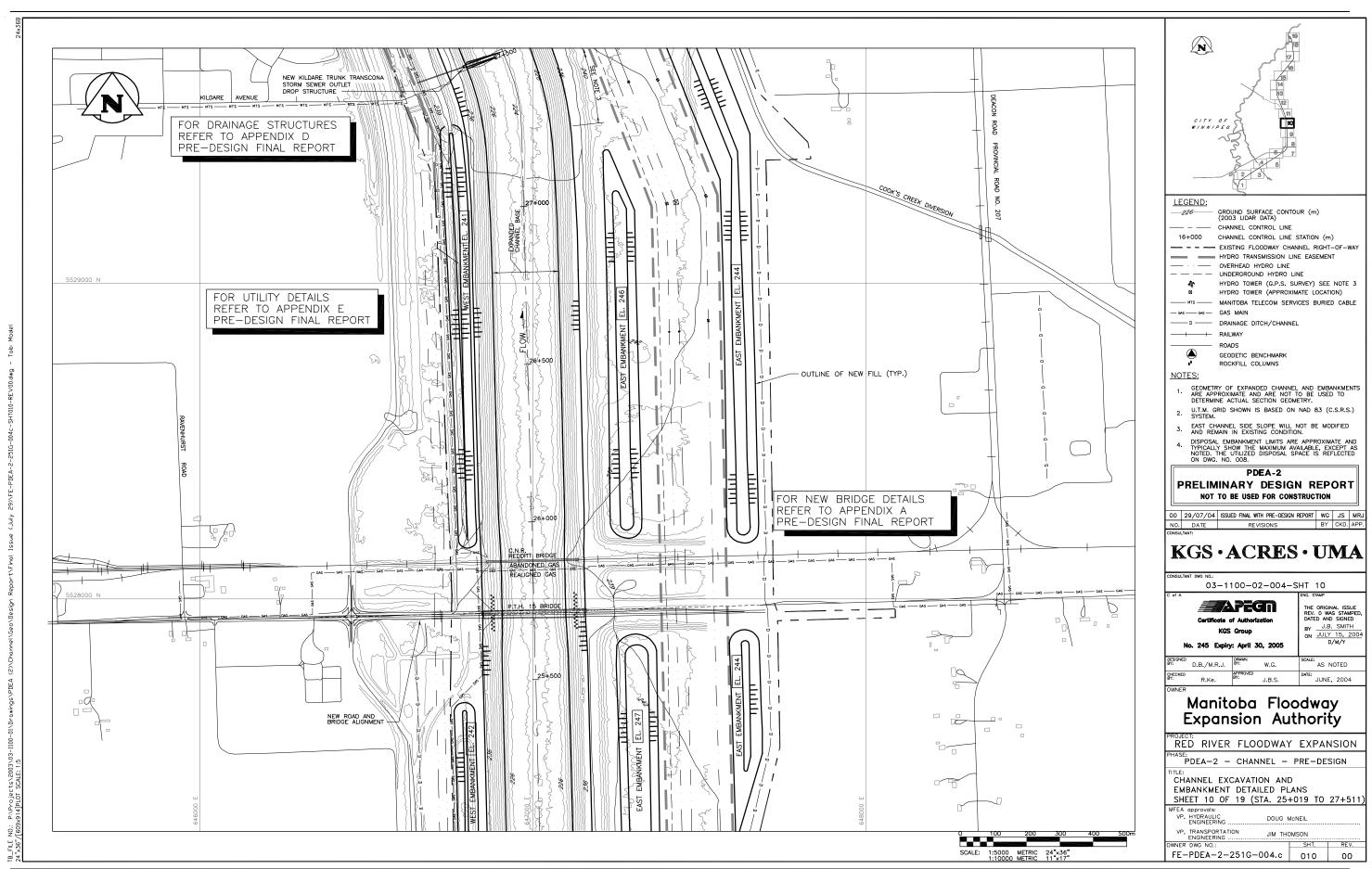




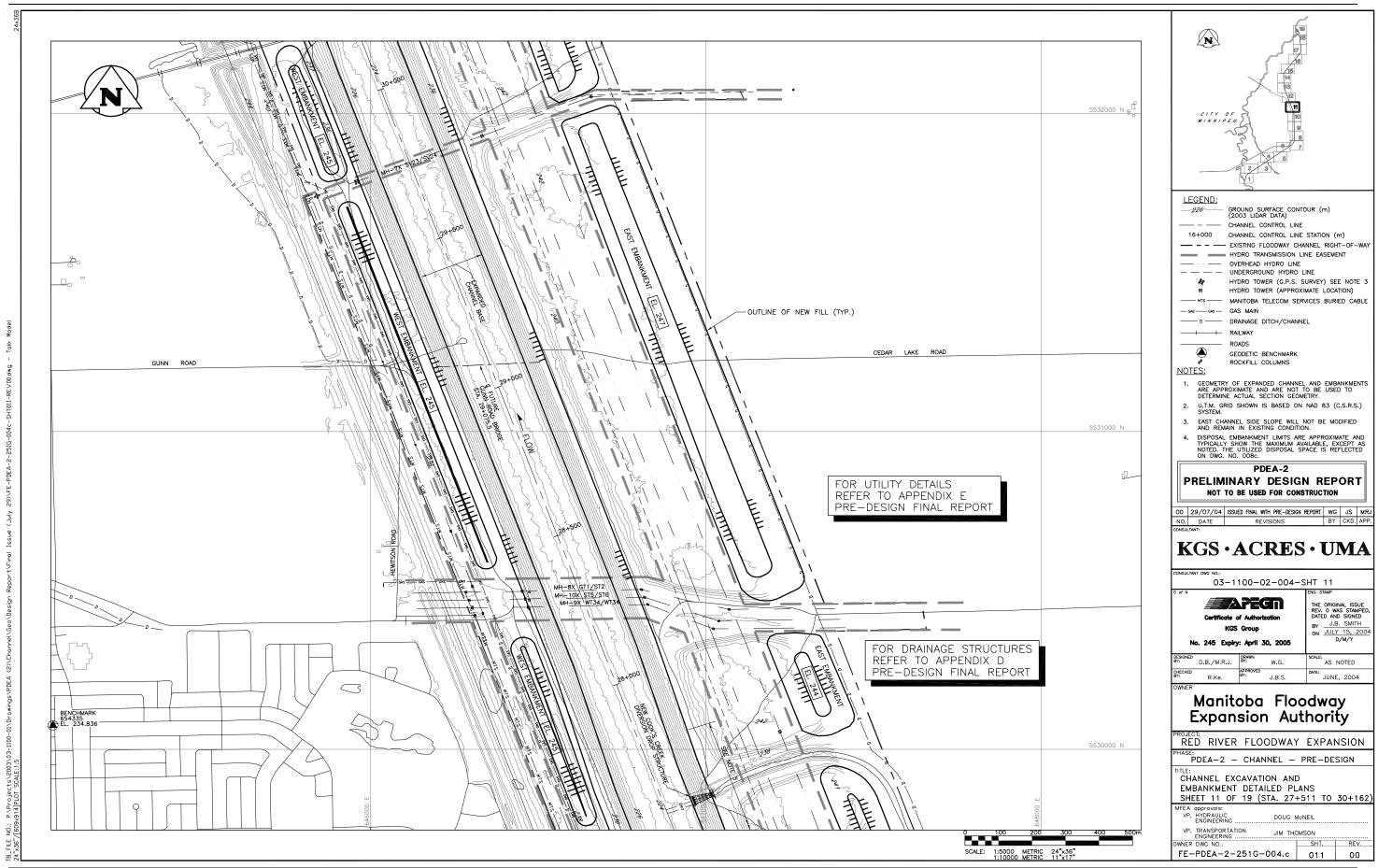








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