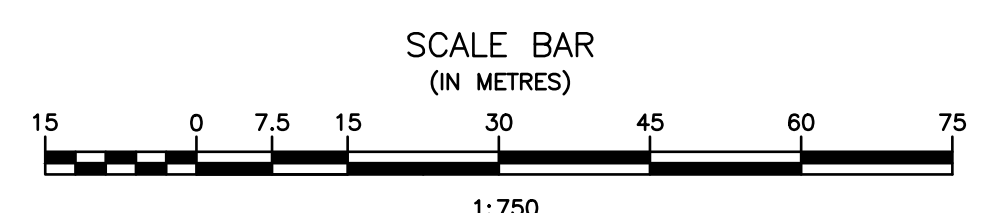


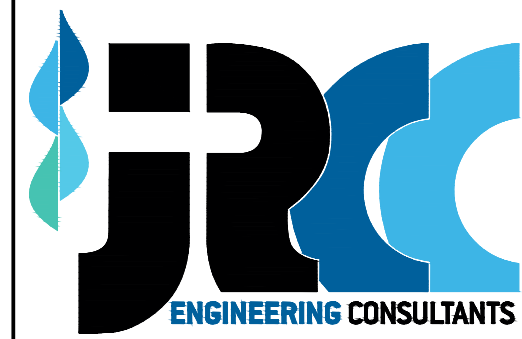
NOTES:
 - ALL ELEVATIONS AND GRADES ARE PRELIMINARY AND TO BE FINALIZED AFTER POST-CLEARING SURVEY IS COMPLETED.
 - RECORD PLANS OF EXISTING FORCEMAIN AND DISCHARGE PIPE ARE NOT AVAILABLE AND NOT GUARANTEED TO BE ACCURATE.



No.	REVISIONS	DATE	INITIALS	B.M. EL.

LOCATIONS OF UNDERGROUND STRUCTURES/UTILITIES AS SHOWN ARE BASED ON AVAILABLE INFORMATION BUT NO GUARANTEE IS GIVEN OR IMPLIED THAT ALL EXISTING UNDERGROUND STRUCTURES/UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL UNDERGROUND STRUCTURES/UTILITIES MUST BE OBTAINED FROM THE APPROPRIATE AUTHORITY/OWNER, BY THE CONTRACTOR, BEFORE PROCEEDING WITH CONSTRUCTION.

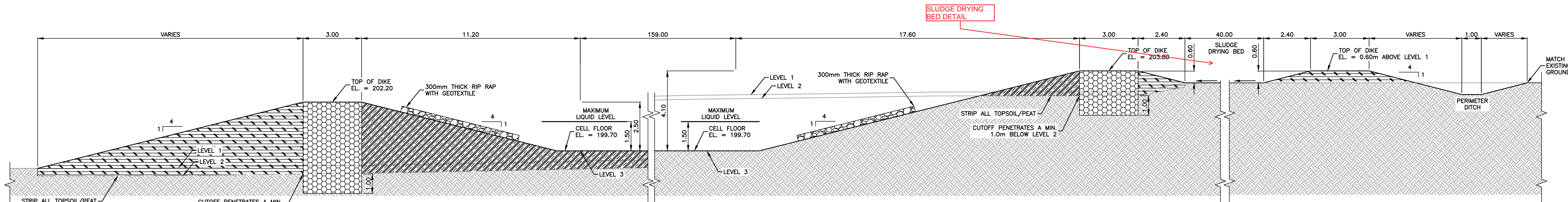
ENGINEER'S SEAL
 PRELIMINARY



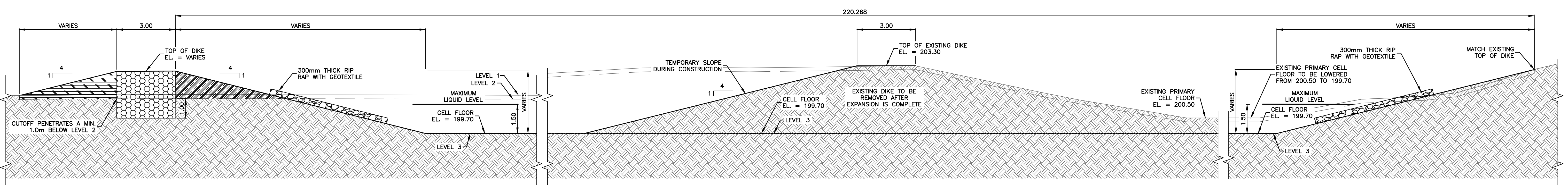
JR Cousin Consultants Ltd.
 91A Scurfield Blvd. Winnipeg MB R3Y 1G4
 p. (204) 489-0474
 f. (204) 489-0487
 www.jrcc.ca

CODE: P-426.03	PROJECT: PAINT LAKE PROVINCIAL PARK LAGOON EXPANSION DESIGN
DESIGNED BY: BM	TITLE: PROPOSED SLUDGE DRYING BED AND PEAT STOCKPILE AREAS LAYOUT
DRAWN BY: RA	SCALE: 1:750
REVIEWED BY: JRC	DATE: 22/12/20
	PLAN: L3
	SHEET: 4 of 13

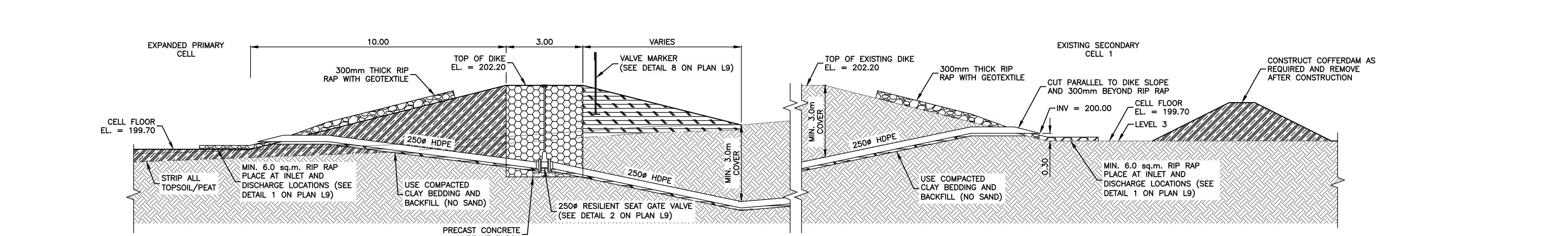
File: 09_2022 - 21171.mxd; 01/04/2024; Plot: L3; Path: P:\1026203 Lagoon Expansion Design\04_Drawing\04_03_Design_Plan\L3.dwg



1 PROPOSED LAGOON EXPANSION HORIZONTAL SECTION
SCALE = 1:100



2 PROPOSED LAGOON EXPANSION VERTICAL SECTION
SCALE = 1:100



3 PERIMETER DIKE AND SECONDARY CELL 1
EXISTING DIKE AT INTERCELL PIPE
SCALE = 1:100

LEGEND:

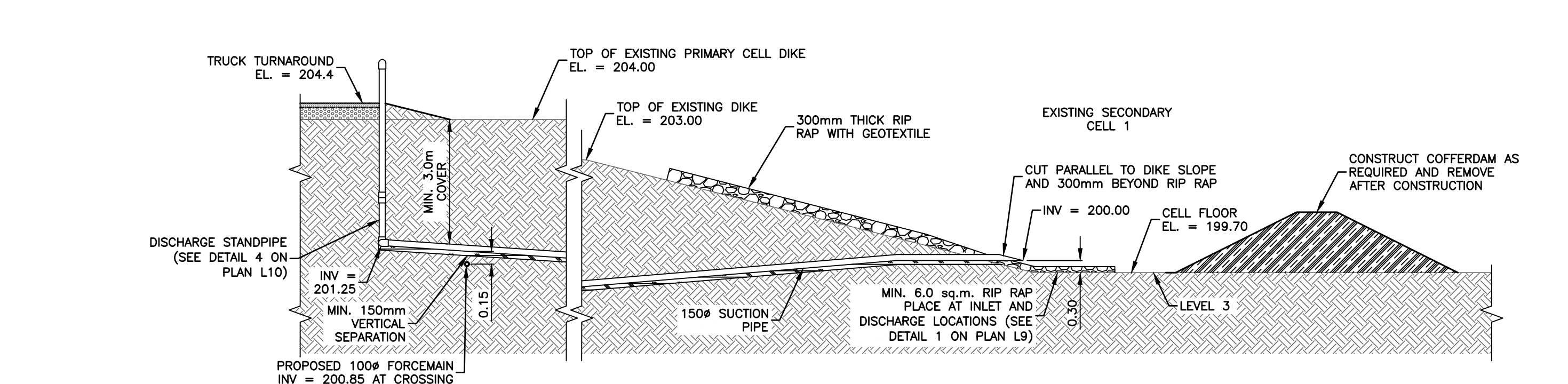
- EXCAVATED AND COMPACTED MEDIUM PLASTIC CLAY TYPE SOIL CAPABLE OF MEETING 1×10^{-7} CM/S
- EXCAVATED AND COMPACTED SOIL MIXED WITH A MAXIMUM OF 50% TOPSOIL SUITABLE FOR OUTSIDE DIKE CONSTRUCTION
- INSITU SOIL
- EXISTING LINER
- RIP RAP
- TOPSOIL
- EXCAVATED AND COMPACTED SOILS SUITABLE FOR INSIDE DIKE CONSTRUCTION
- CONCRETE

LEVELS:

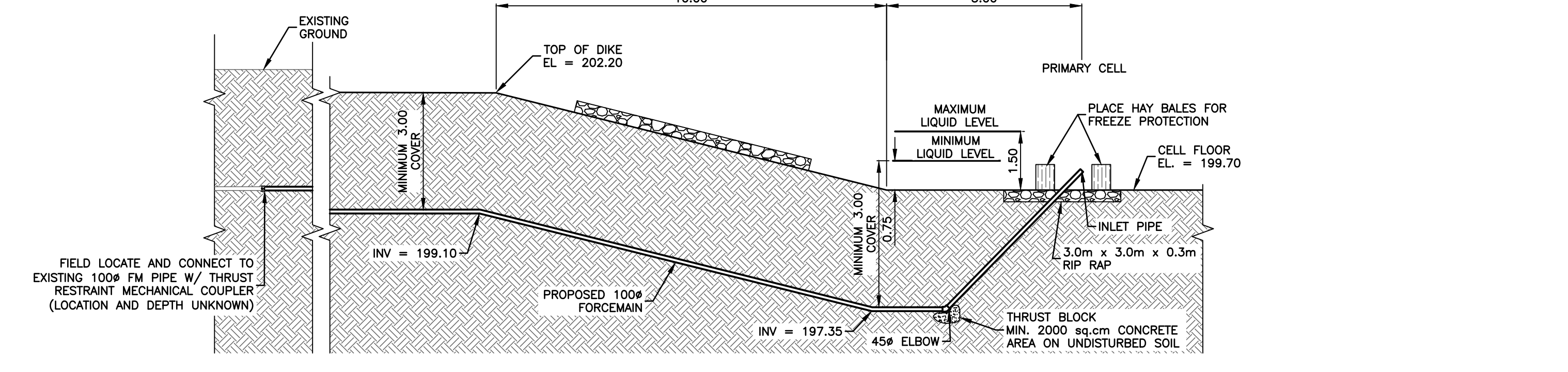
- LEVEL 1 - PRE-CONSTRUCTION EXISTING GROUND ELEVATION
- LEVEL 2 - ELEVATION FOLLOWING TOPSOIL REMOVAL
- LEVEL 3 - FINISHED CELL BOTTOM ELEVATION

NOTES:

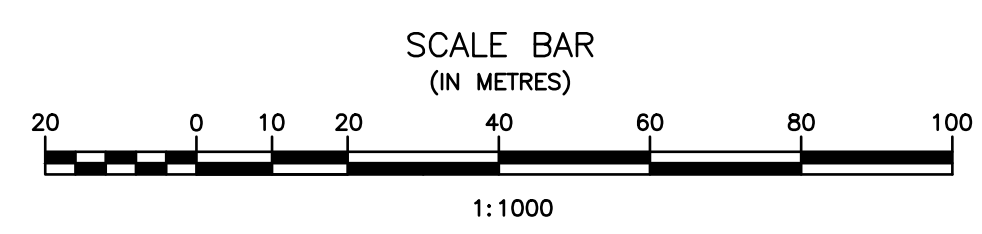
- RIP RAP TO BE INSTALLED FROM 0.5m ABOVE CELL FLOOR TO 0.5m ABOVE MAX. LIQUID LEVEL.
- EXISTING DIKE PROFILE IS APPROXIMATE.
- ALL PIPING TO HAVE A MIN. 3.0m COVER UNLESS OTHERWISE NOTED.
- ALL PIPE CROSSINGS TO HAVE A MIN. 0.15m VERTICAL DISTANCE.



4 SECONDARY CELL 1 EXISTING DIKE AT DISCHARGE PIPE
SCALE = 1:100



5 CONNECTION TO EXISTING FORCEMAIN DETAIL
SCALE = 1:100



No.	REVISIONS	DATE	INITIALS	B.M. EL.

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ENGINEER'S SEAL

PRELIMINARY

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91A Scurfield Blvd. Winnipeg MB R3Y 1G4
p. (204) 489-0474
f. (204) 489-0487
www.jrcc.ca

ENGINEERING EXCELLENCE SINCE 1981

CODE: P-426.03	PROJECT: PAINT LAKE PROVINCIAL PARK LAGOON EXPANSION DESIGN
DESIGNED BY: BM	TITLE: LAGOON AND DIKE SECTIONS, AND CONNECTION TO EXISTING FORCEMAIN DETAIL
DRAWN BY: RA	SCALE: 1:100
REVIEWED BY: JRC	DATE: 23/01/09
	PLAN: L8
	SHEET: 9 of 13

File: 09_2022 - 2137m - 01-000-028 - Proj. Code: P-426.03 Lagoon Expansion Design (A) Drawing (A) Design File (A) User: JRC