

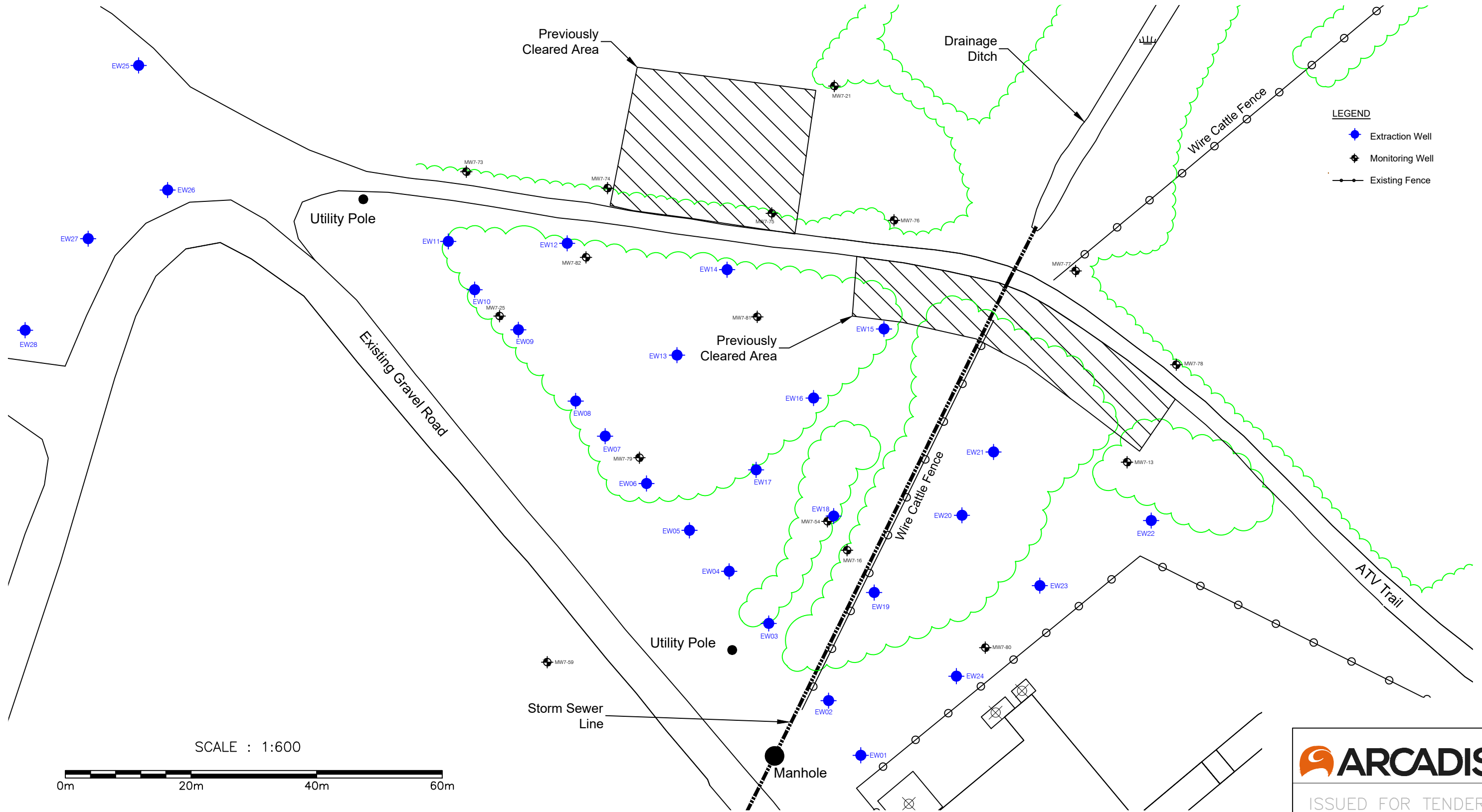
ISSUED FOR TENDER

Project title
**OIL DISPOSAL PIT - PERFLUORINATED
 COMPOUND REMOVAL SYSTEM
 4 WING CFB COLD LAKE, ALBERTA**

Drawing title
SITE LOCATION

Drawn by	ISZ	PWGSC Project Manager	
		MIKE MOLINSKI	
Designed by	GF	Project no.	
Approved by	YH	Date	Revision
		MARCH 2018	0

Date	Drawing	Revision
MARCH 2018	702439-1	0



ISSUED FOR TENDER

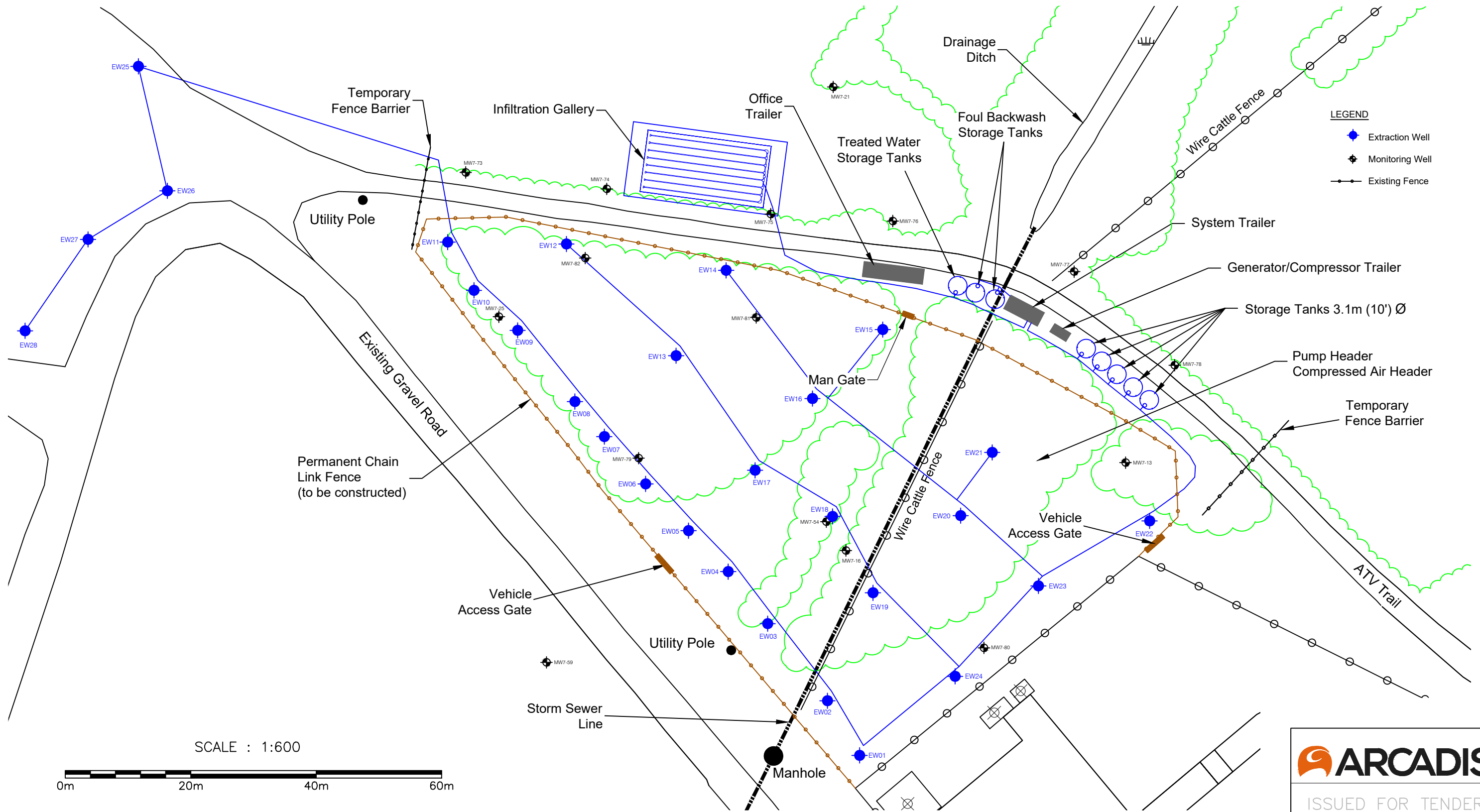
Client	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
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Project title	OIL DISPOSAL PIT - PERFLUORINATED COMPOUND REMOVAL SYSTEM 4 WING CFB COLD LAKE, ALBERTA
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Drawing title	EXISTING SITE CONDITIONS
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Drawn by	ISZ
Designed by	GF
Approved by	YH

PWGSC Project Manager MIKE MOLINSKI		
Project no.		
Date	Drawing No:	Revision
MARCH 2018	702439-2	0



LEGEND

- Extraction Well
- ⊕ Monitoring Well
- Existing Fence



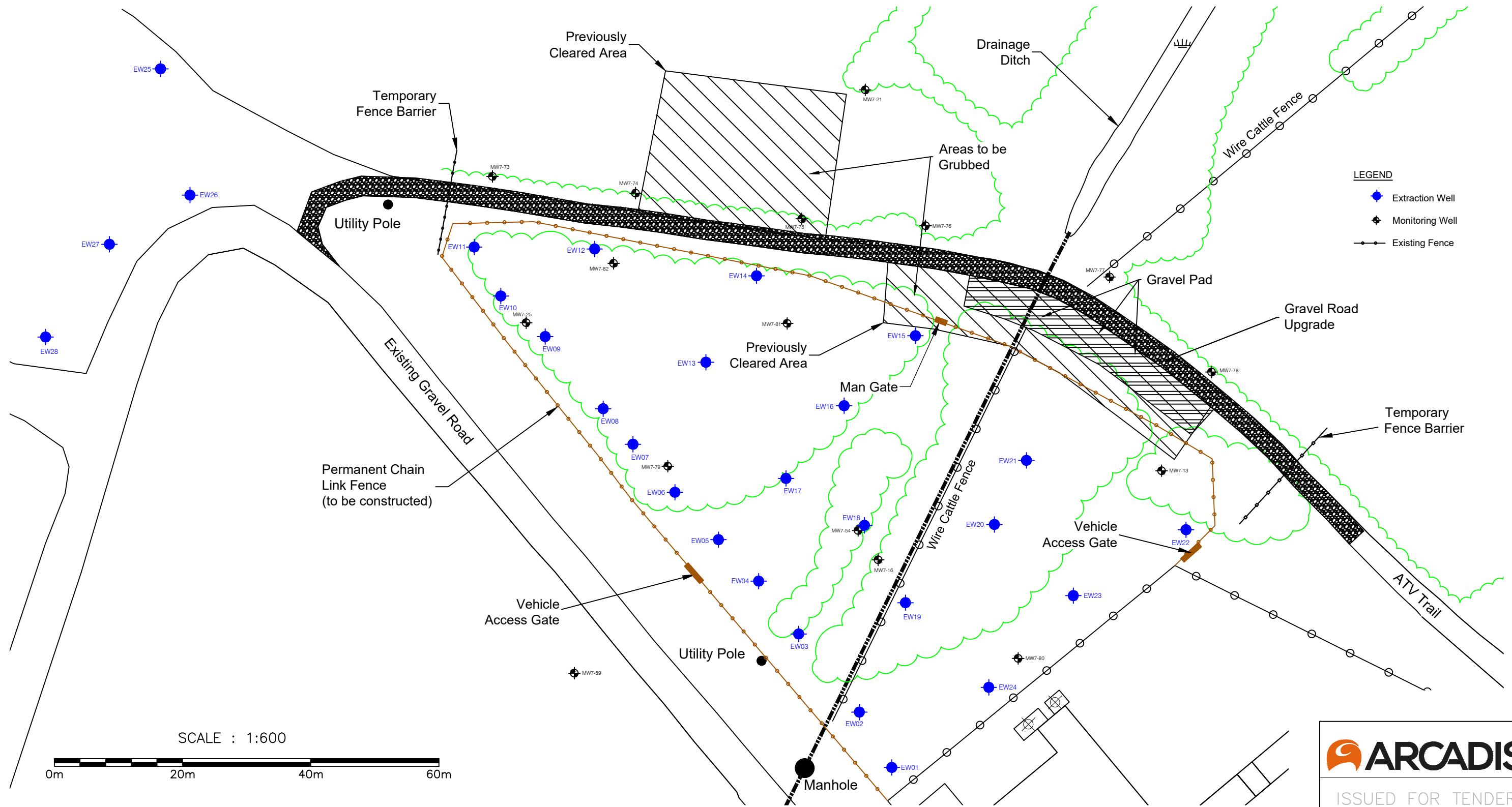
ISSUED FOR TENDER

Client	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
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Project title	OIL DISPOSAL PIT - PERFLUORINATED COMPOUND REMOVAL SYSTEM 4 WING CFB COLD LAKE, ALBERTA
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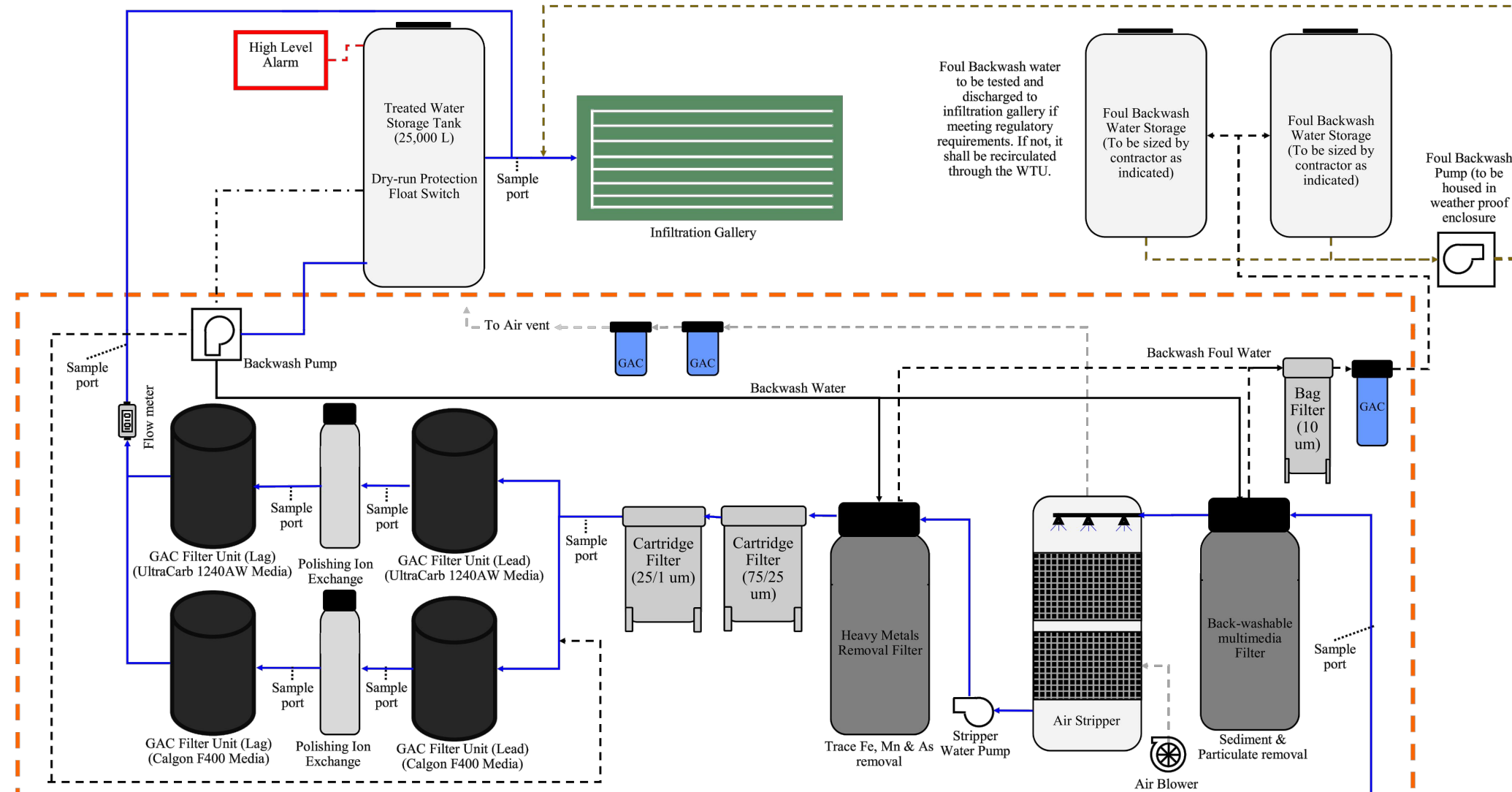
Drawing title	SITE PLAN
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Drawn by	ISZ	PWGSC Project Manager MIKE MOLINSKI		
Designed by	GF	Project no.		
Approved by	YH	Date	Drawing No:	Revision
		MARCH 2018	702439-3	0

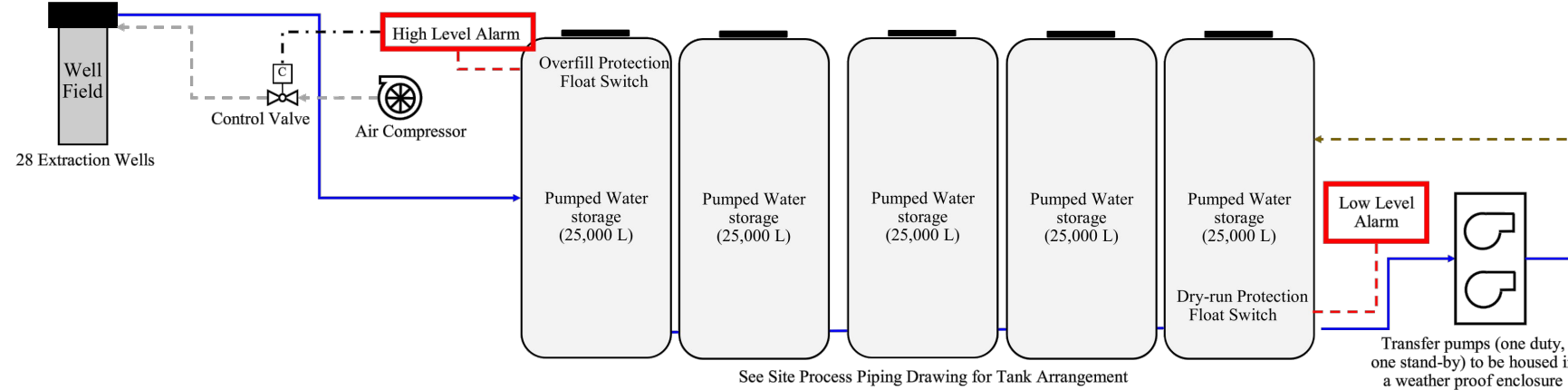


ISSUED FOR TENDER

Client PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	Project title OIL DISPOSAL PIT - PERFLUORINATED COMPOUND REMOVAL SYSTEM 4 WING CFB COLD LAKE, ALBERTA	Drawing title SITE PREPARATION	Drawn by ISZ	PWGSC Project Manager MIKE MOLINSKI		
			Designed by GF	Project no.		
			Approved by YH	Date MARCH 2018	Drawing No: 702439-4	Revision 0



Design Flow Rate= 20 Liters per minutes (Lpm)
To be enclosed in the Packaged Water Treatment Plant



ISSUED FOR TENDER

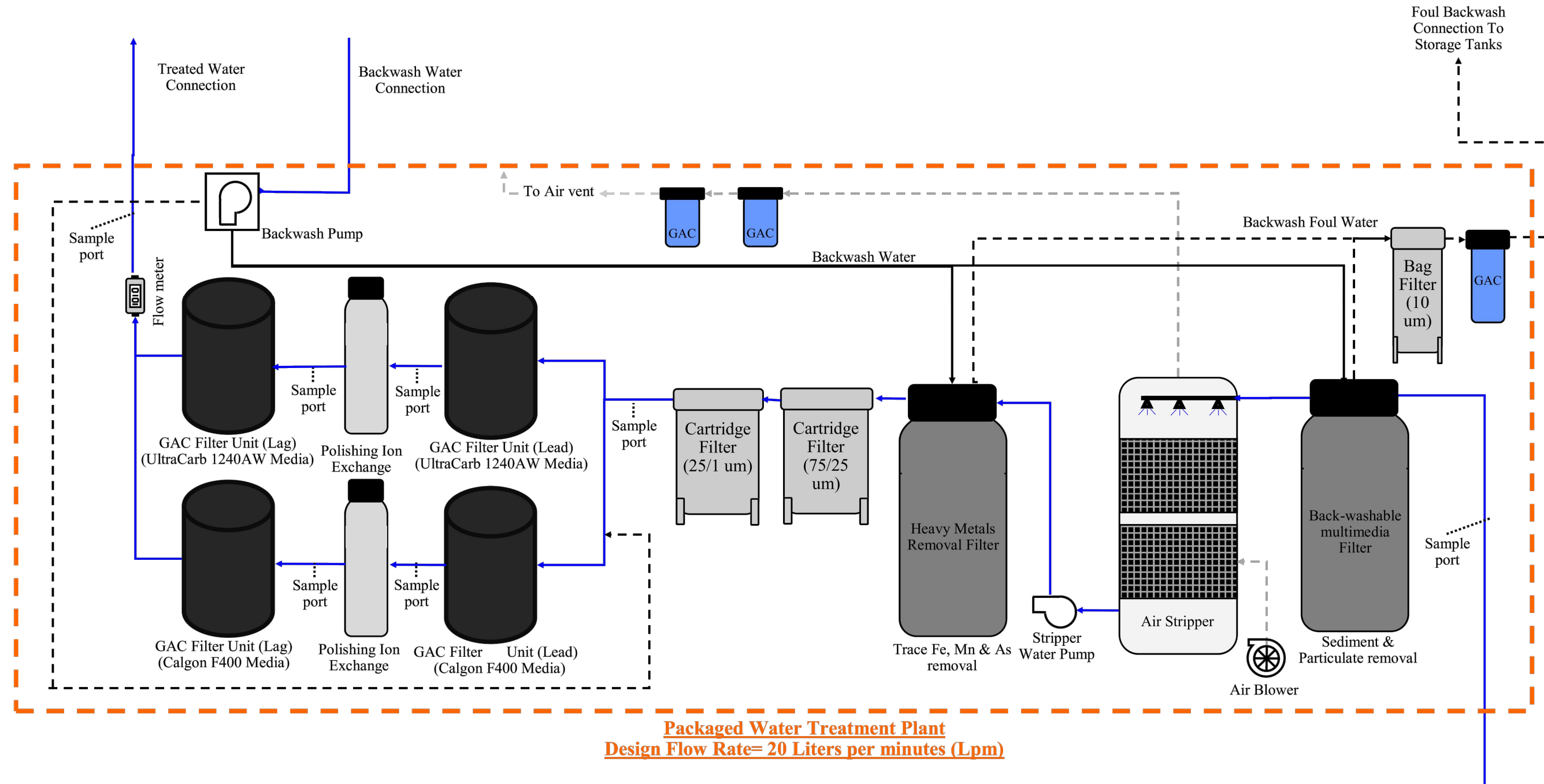
Client	PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
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Project title	OIL DISPOSAL PIT - PERFLUORINATED COMPOUND REMOVAL SYSTEM 4 WING CFB COLD LAKE, ALBERTA
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Drawing title	PROCESS FLOW DIAGRAM COMPLETE SYSTEM
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Drawn by	ISZ
Designed by	JA
Approved by	YH

PWGSC Project Manager MIKE MOLINSKI		
Project no.		
Date	Drawing	Revision
MARCH 2018	702439-5	0



Packaged Water Treatment Plant
Design Flow Rate= 20 Liters per minutes (Lpm)

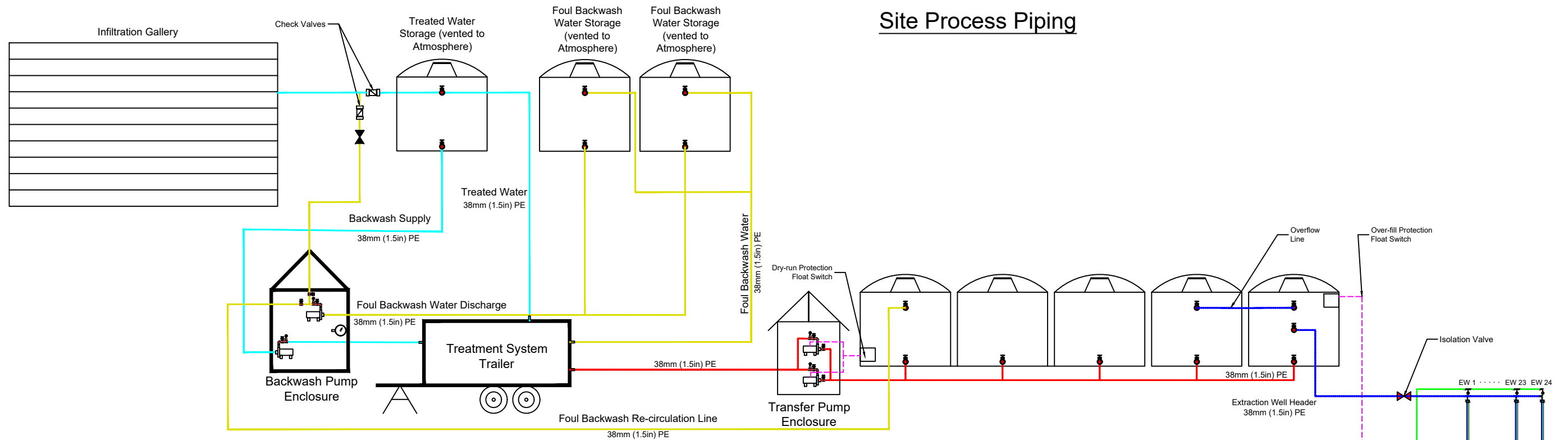
Inlet Groundwater



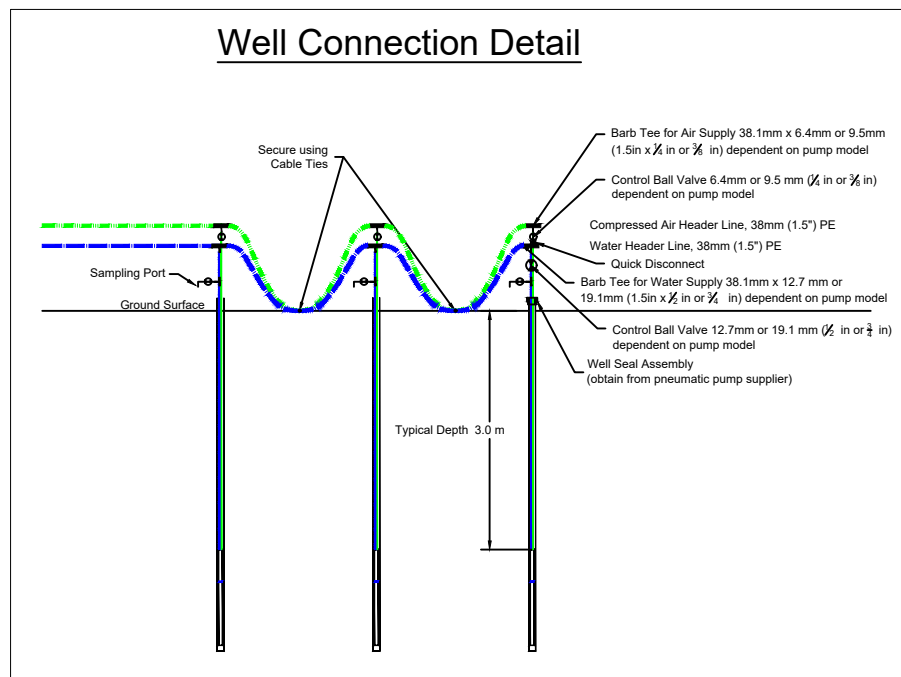
ISSUED FOR TENDER

Client PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	Project title OIL DISPOSAL PIT - PERFLUORINATED COMPOUND REMOVAL SYSTEM 4 WING CFB COLD LAKE, ALBERTA	Drawing title PROCESS FLOW DIAGRAM RENTAL WATER TREATMENT SYSTEM	Drawn by ISZ	PWGSC Project Manager MIKE MOLINSKI		
			Designed by JA	Project no.		
			Approved by YH	Date MARCH 2018	Drawing 702439-6	Revision 0

Site Process Piping

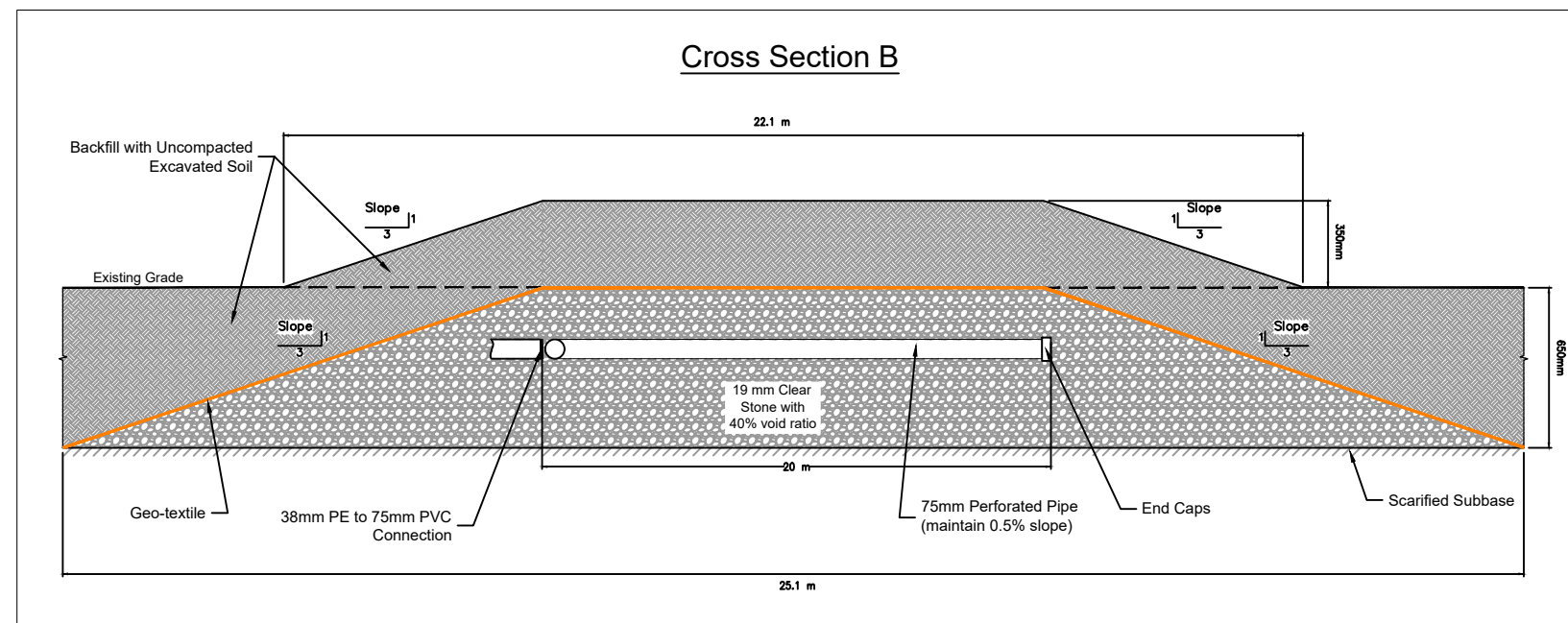
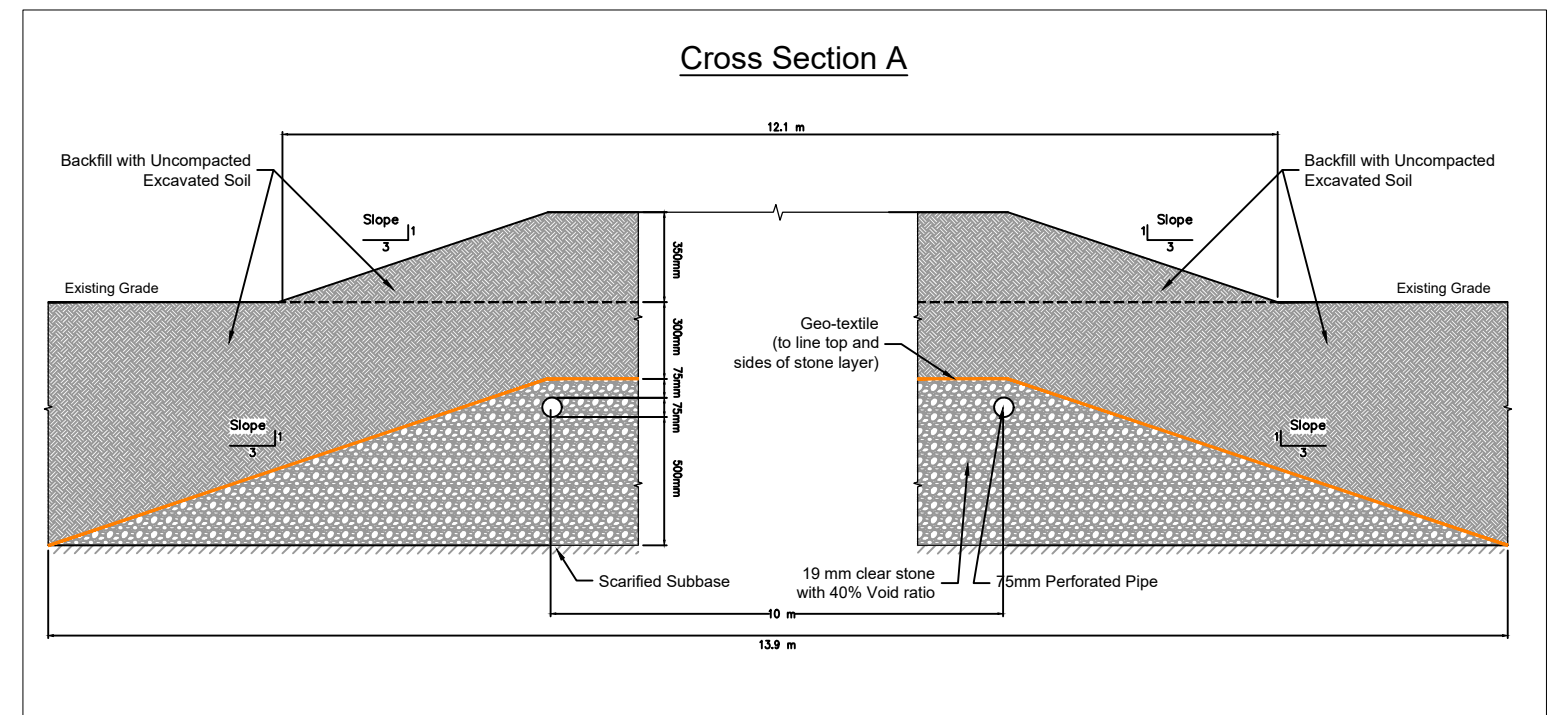
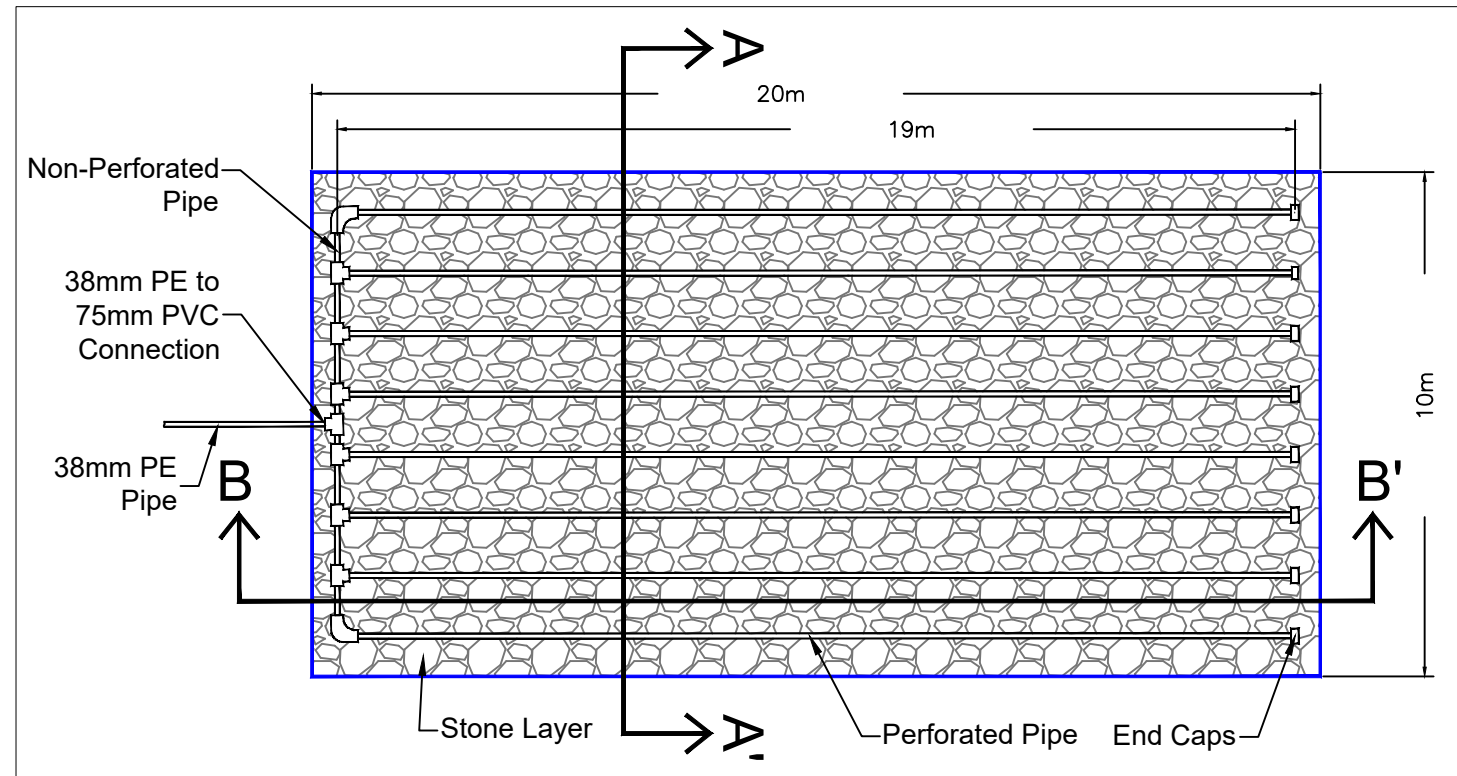


Well Connection Detail



ISSUED FOR TENDER

Client PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	Project title OIL DISPOSAL PIT - PERFLUORINATED COMPOUND REMOVAL SYSTEM 4 WING CFB COLD LAKE, ALBERTA	Drawing title SITE PROCESS PIPING	Drawn by ISZ	PWGSC Project Manager MIKE MOLINSKI	
			Designed by GF	Project no.	
			Approved by YH	Date MARCH 2018	Drawing 702439-7

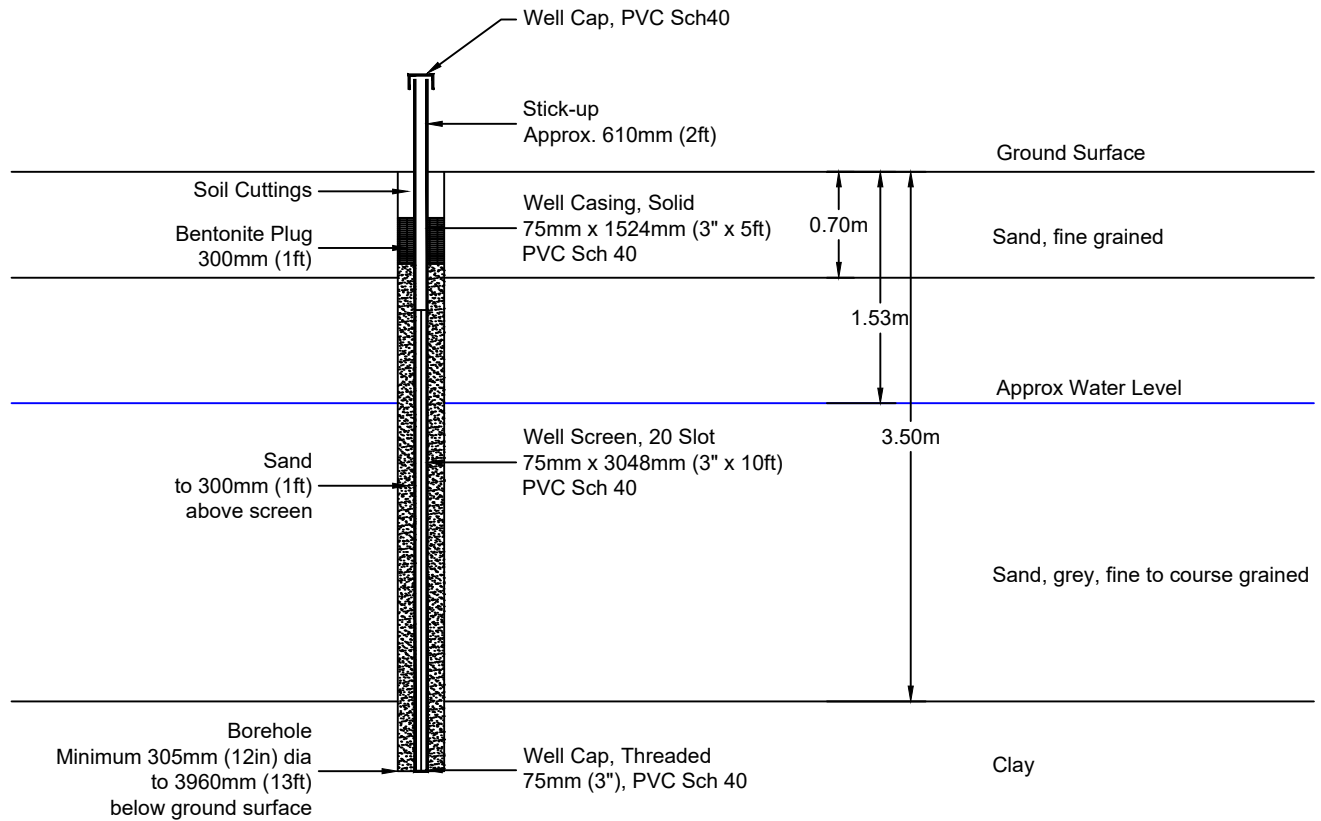


ISSUED FOR TENDER

Client PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	Project title OIL DISPOSAL PIT - PERFLUORINATED COMPOUND REMOVAL SYSTEM 4 WING CFB COLD LAKE, ALBERTA	Drawing title INFILTRATION GALLERY	Drawn by ISZ			PWGSC Project Manager MIKE MOLINSKI		
			Designed by ZM			Project no.		
			Approved by YH			Date MARCH 2018	Drawing 702439-8	Revision 0



Typical Extraction Well (Completed by Others)



ISSUED FOR TENDER

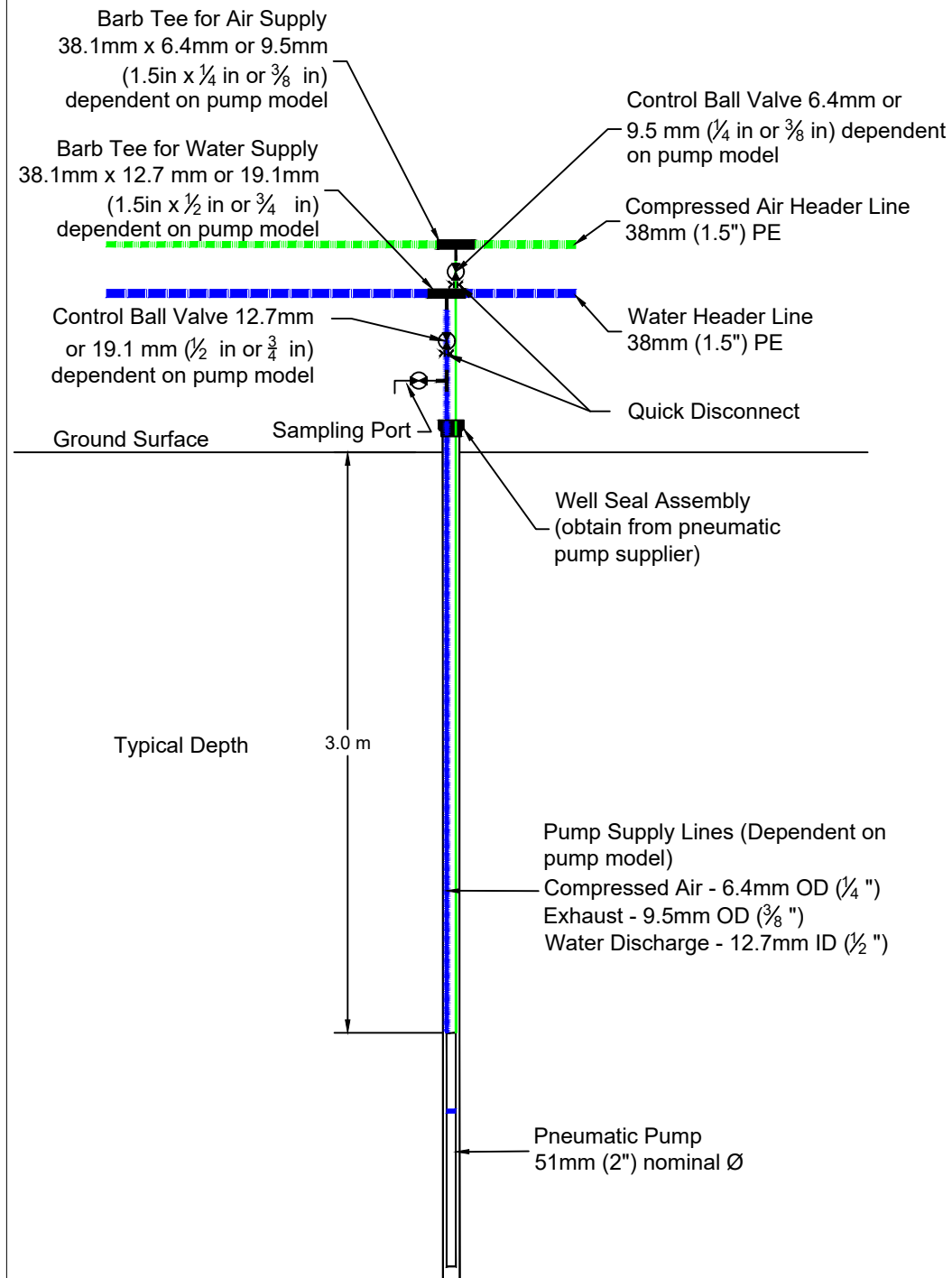
Project title
**OIL DISPOSAL PIT - PERFLUORINATED
COMPOUND REMOVAL SYSTEM
4 WING CFB COLD LAKE, ALBERTA**

Drawing title
TYPICAL EXTRACTION WELL

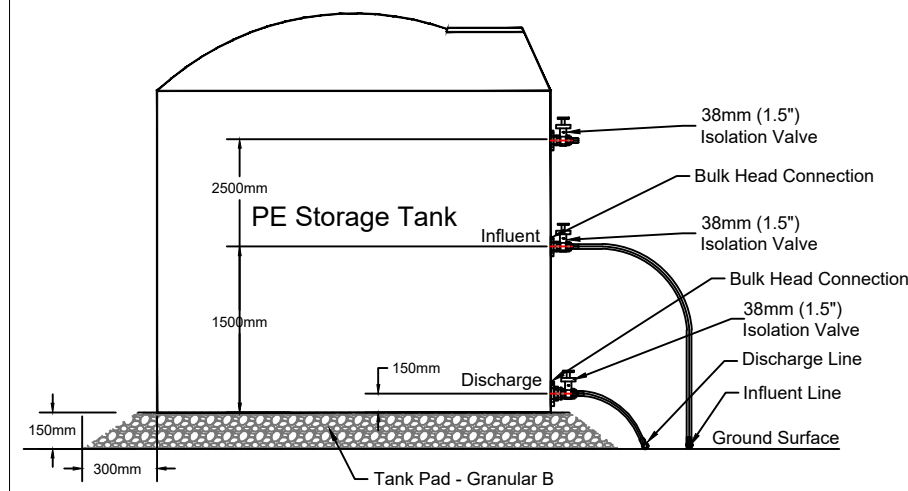
Drawn by	ISZ
Designed by	GF
Approved by	YH

PWGSC Project Manager MIKE MOLINSKI		
Project no.		
Date	Drawing	Revision
MARCH 2018	702439-9	0

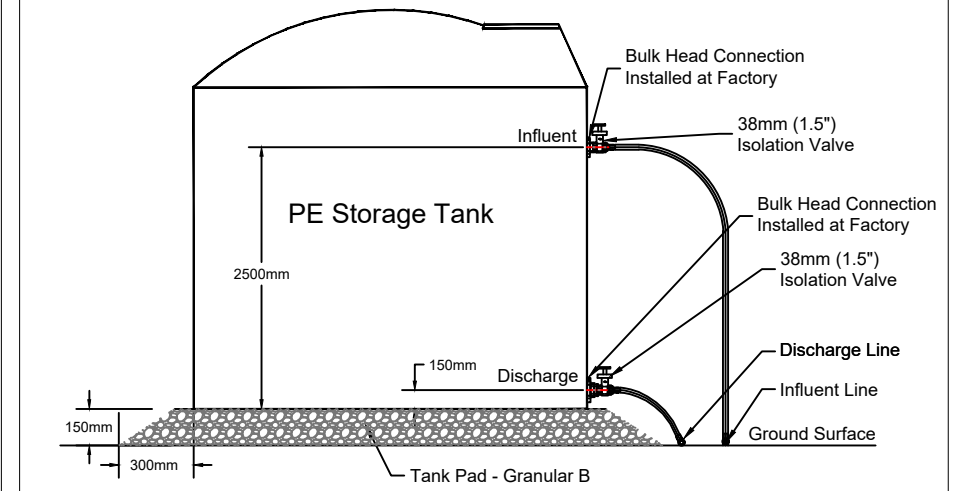
Typical Pump Installation and Header Connection



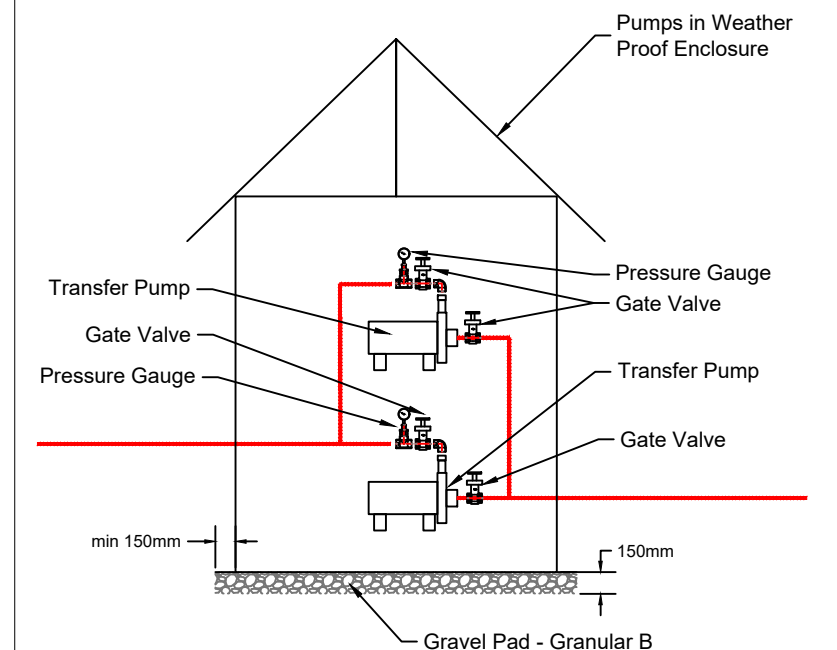
Typical Water Storage Tank



Typical Foul Backwash Tank

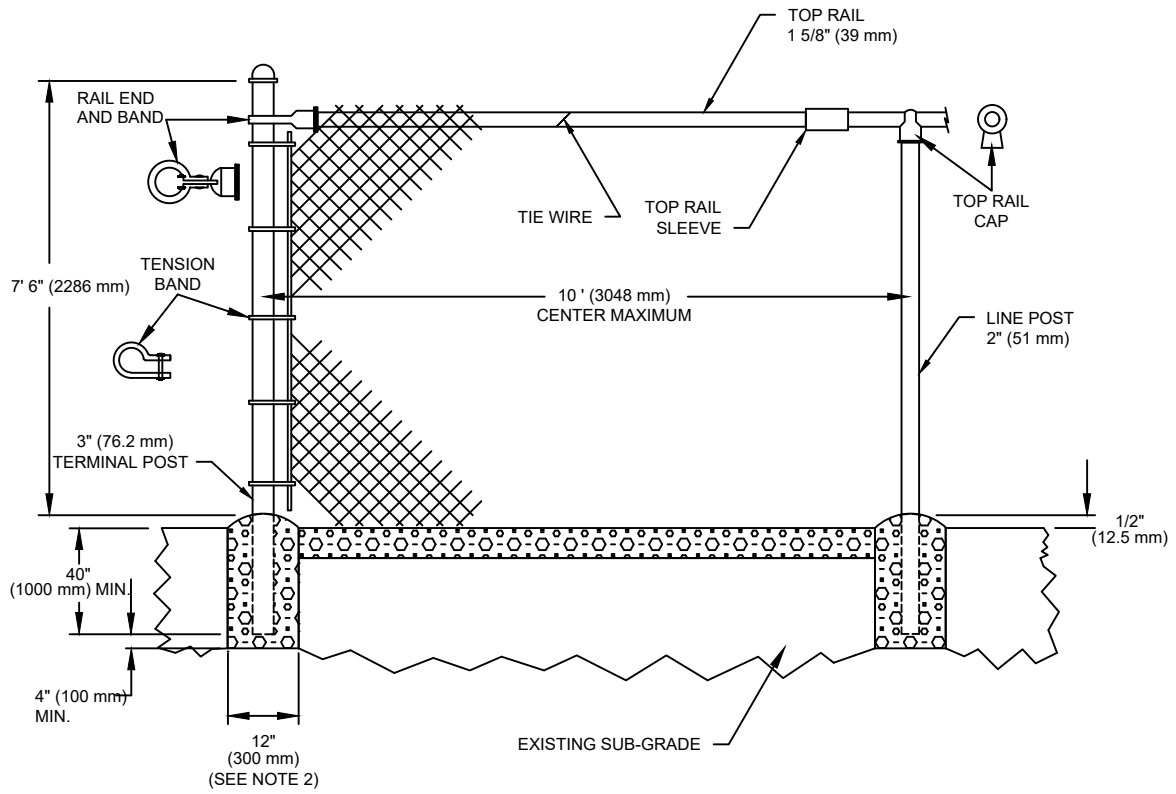


Typical Transfer Pump

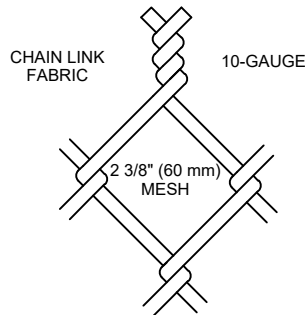


ISSUED FOR TENDER

Client PUBLIC WORKS AND GOVERNMENT SERVICES CANADA	Project title OIL DISPOSAL PIT - PERFLUORINATED COMPOUND REMOVAL SYSTEM 4 WING CFB COLD LAKE, ALBERTA	Drawing title TYPICAL DRAWINGS	Drawn by ISZ	PWGSC Project Manager MIKE MOLINSKI		
			Designed by GF	Project no.		
			Approved by YH	Date MARCH 2018	Drawing 702439-10	Revision 0



ELEVATION/SECTION VIEW



NOTES:

1. FOLLOW OIMS PROCEDURE 2.5 - SUBSURFACE STRUCTURES IDENTIFICATION PROCEDURE PRIOR TO GROUND DISTURBANCE.
2. POST HOLE DIAMETER SHOULD BE A MINIMUM OF FOUR TIMES THE DIAMETER OF THE POST.
3. TERMINAL END POSTS AND GATE POSTS SHOULD BE SET IN POURED CONCRETE.
4. A GREATER POST DEPTH OR CONCRETE MAY BE RECOMMENDED BY THE FENCE INSTALLER BASED ON THE FENCE HEIGHT AND LOCATION OF THE SITE.



ISSUED FOR TENDER

Project title
**OIL DISPOSAL PIT - PERFLUORINATED
COMPOUND REMOVAL SYSTEM
4 WING CFB COLD LAKE, ALBERTA**

Drawing title
TYPICAL CHAINLINK FENCE DETAILS

Drawn by ISZ	PWGSC Project Manager MIKE MOLINSKI	
Designed by GF	Project no.	
Approved by YH	Date MARCH 2018	Revision 0