

Title:			
150 Park Irrigation and Landscaping			
RFP Identification Number:		Fort Macleod	
ToFM-FAC-RFP-2025-019			
Administered by:	Brennan Orr, Director of Operations	Initiation Date:	2025.08.01
Contact:	operations@fortmacleod.com , (403) 553-4425	Close Date:	2025.08.18

1 Introduction

The Town of Fort Macleod is requesting proposals for the design and installation of the irrigation and landscaping for the 150 Park phase 1. SE corner of 4th Ave and 9th Street, Fort Macleod, Alberta. The current site is an open field with grading and pathway bid complete and schedule pending. Fortis has also been engaged to connect electrical to the lot and place the transformer.

Scope does not include any other items in the drawing package. Grading, water and fencing details are for understanding of the project only.

1. Interested parties must have proof of liability insurance, registered with WCB Alberta, current Town business license, and detailed information on criteria for payment
2. The Town of Fort Macleod reserves the right to reject any and all bids
3. The Town of Fort Macleod has the right to select the proposal that best satisfies its interests and not necessarily on the basis of price or any other single factor
4. The town will not be liable for any additional work or damages directly attributed to neglect or poor workmanship of the prime contractor or any of their subcontractors

2 Scope

Each bid must outline the proposed irrigation manifold and zoning layout (including water connection size), BOM, and vegetation concept inclusive of grass, shrubs, trees and any other features.

The expectation is that all work will be done on a graded property with sidewalk installed and with consideration for future amenities including the multi-sport court, playground, and permanent bathroom / irrigation building.

ToFM-FAC-RFP-2025-019	150 Park Irrigation and Landscaping	Close Date	2025.08.18
operations@fortmacleod.com	Brennan Orr, Director of Operations	PO Box 1420, 410 20th St	

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All irrigation, topsoil, and vegetation will be placed as final grade to the solid structure on site. Seasonal considerations should be made for the timing for planting and seeding for the best chance of minimizing vegetation losses.

Cost breakdown should be detailed enough to evaluate each of the scope categories.

<i>Rated Criteria Category</i>	<i>Weight (Points)</i>	<i>Minimum Threshold</i>
<i>Irrigation Layout and Design</i>	<i>20</i>	<i>15/20</i>
<i>Irrigation Installation and Testing</i>	<i>15</i>	<i>NA</i>
<i>Landscaping Design</i>	<i>35</i>	<i>25/35</i>
<i>Landscaping</i>	<i>25</i>	<i>NA</i>
<i>Schedule</i>	<i>5</i>	<i>NA</i>
		<i>40/55</i>
<i>Total Points</i>	<i>100</i>	

2.1 Irrigation Layout and Design

- Size of water input to park from main line will be 2” unless otherwise required
 - Water connection will be in the southwest quadrant of the lot
 - Details for connection to consider and bring to site for use
 - Poly sizing and connection
- Full layout
 - Zone breakout
 - Water coverage
- Bill of Materials
 - Specifications on all materials and zoned watering schedule
- Head coverage to match proposed landscaping and future amenities
 - Future Playground
 - Future Multi Sport Court
 - Future washroom and irrigation building
- Controller specifications

2.2 Irrigation installation and Testing

- Locates

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- Installation of materials
- Connection of all zones
- Testing and adjustments to final grade and amenities
 - Water coverage verification
- Controller testing
- Setup of watering schedule and onsite training
- Finalized schematic

2.3 Landscaping Design

- Design Proposal – at least two options
 - Diverse and resilient plant life that thrives in local climate
 - Decorative elements
- Incorporation of park elements
 - Future playground
 - Future multi-sport court
 - Future washroom and irrigation building
- Safety and visibility considerations

2.4 Landscaping

- Topsoil
- Decorative elements installation
- Planting of vegetation
- Seeding of grass, seed mix recommendations
- Establishment plan

2.5 Schedule

- Coordination with grading and hard structure
- Recommendations for planting
- Watering schedule
- System setup

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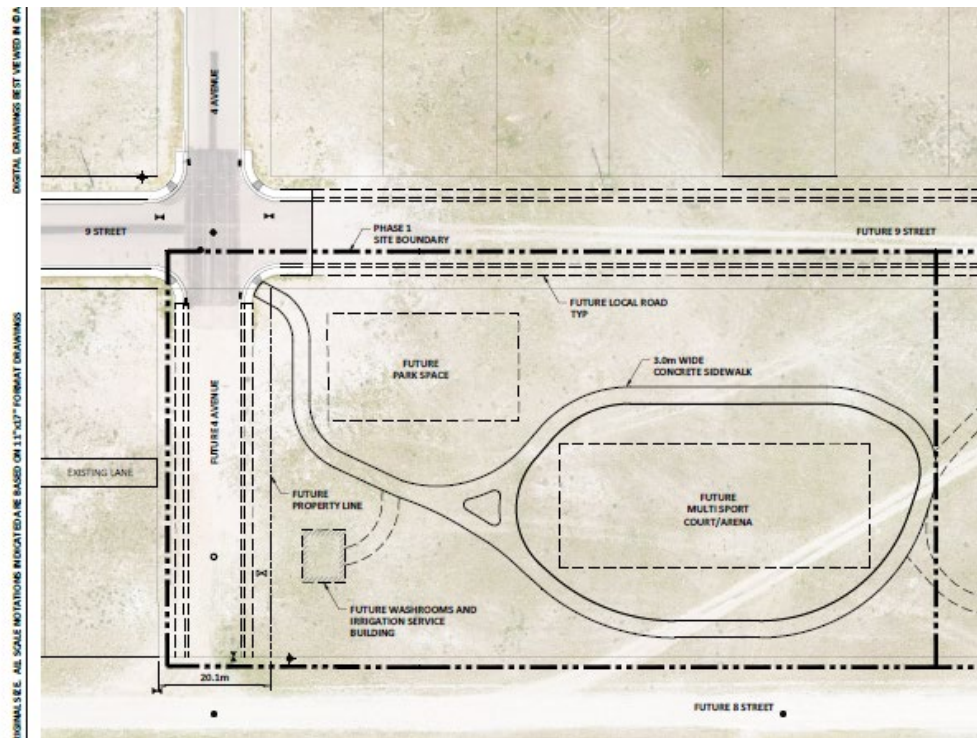
3 Location

- SW corner of 4th Ave and 9th Street, Fort Macleod, Alberta



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4 Submission Requirements

Please forward your proposal to the Town of Fort Macleod

CLOSE DATE: Monday, August 18, 2025, at 4 pm

Electronically (Preferred)

Email Address: operations@fortmacleod.com

Subject Line: Include the RFP identification number and title

Attention: Brennan Orr, Director of Operations

Hand delivered

Address: 410-20th St. Fort Macleod, AB T0L 0Z0

Standard Mail

Attention: Brennan Orr

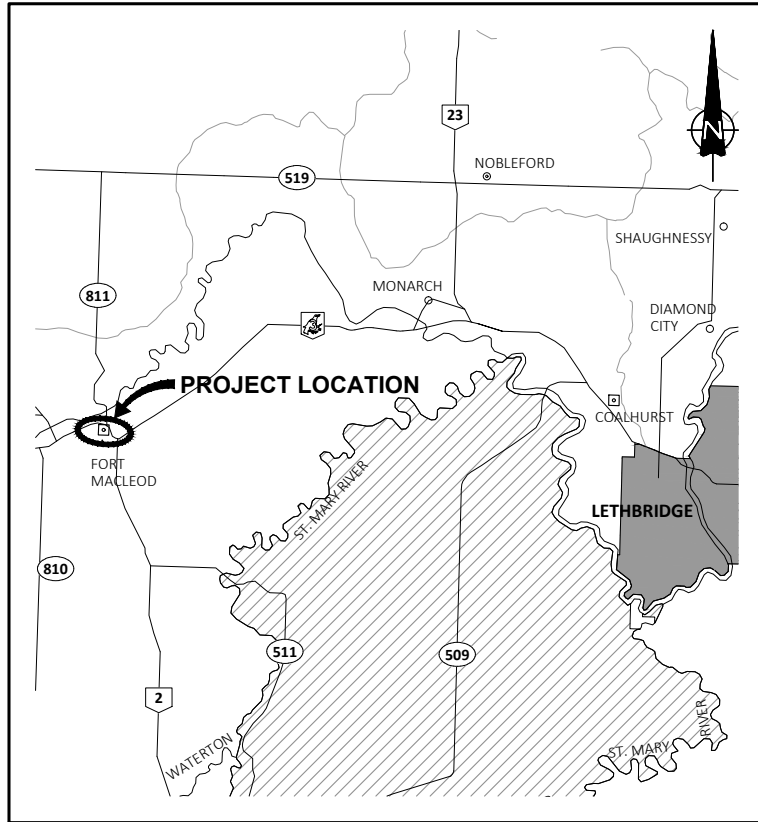
Town of Fort Macleod

Box 1420

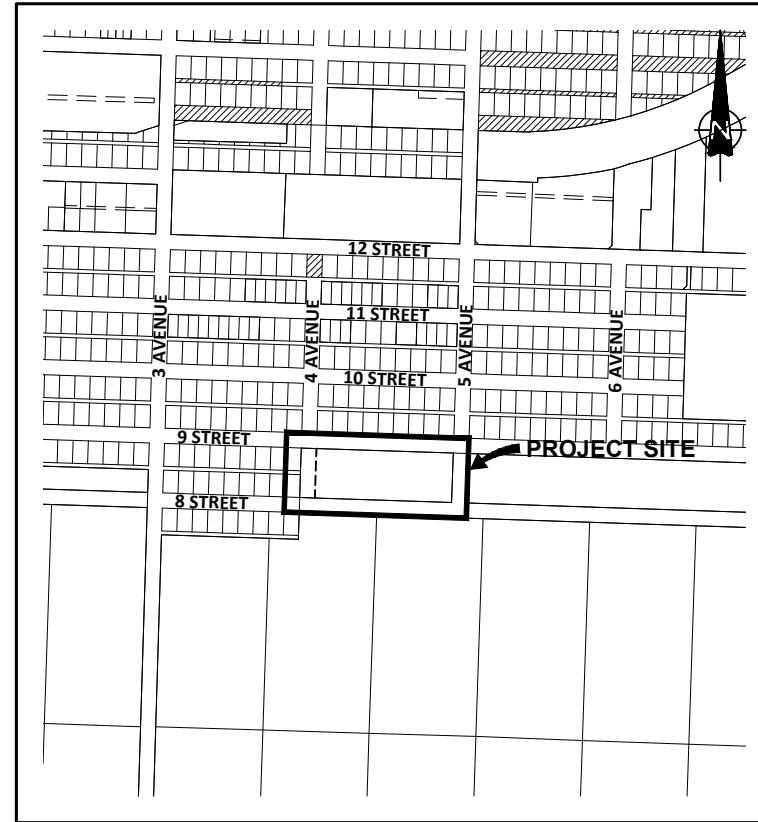
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LOCATION PLAN



SITE PLAN














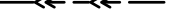






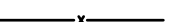


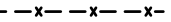








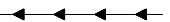

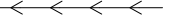
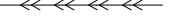







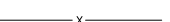
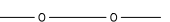




LIST OF DRAWINGS







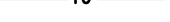











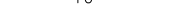

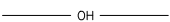
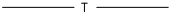
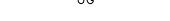























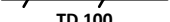













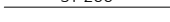
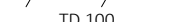




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C0.1	LEGEND
C0.2	ABBREVIATIONS
C1.1	OVERALL SITE PLAN
C1.2	UNDERGROUND PLAN
C1.3	SITE GRADING PLAN
C2.1	TYPICAL DETAILS 1 OF 3
C2.2	TYPICAL DETAILS 2 OF 3
C2.3	TYPICAL DETAILS 3 OF 3





























SET _____



**150TH PARK - PHASE 1
FOR CONSTRUCTION**
1485-083-00

PROPOSED	DESCRIPTION	EXISTING
<div><div>-----</div></div>	ALBERTA SURVEY CONTROL MONUMENT CONTROL POINT IRON PIN CONSTRUCTION EASEMENT PROPERTY LINE UTILITY RIGHT OF WAY EASEMENT	<div><div> ASCM No.</div><div> CP No.</div><div> IP</div></div> <div><div>-----</div><div>-----</div></div>
<div><div> DESC ELEV</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	ABBREVIATION ELEVATION BOLLARD/DELINEATOR POST SIGN BOREHOLE BUSH TREE ASPHALT SWALE CONCRETE SWALE DRAINAGE DITCH DRAINAGE SWALE DRAINAGE SWALE BACKFILLED GRADE BREAK CENTRELINE EDGE OF GRAVEL EDGE OF PAVEMENT CURB AND GUTTER MONOLITHIC SIDEWALK SEPARATE SIDEWALK FENCE BARBED WIRE FENCE CHAIN LINK WOOD POST AND CHAIN FENCE FENCE TO BE REMOVED RAILWAY	<div><div> DESC ELEV</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

PROPOSED	DESCRIPTION	EXISTING
<div><div> ET</div><div> GW</div><div> LS</div><div> PED</div><div> PP</div><div> TS</div><div> C</div><div> FO</div><div> G</div><div> OH</div><div> T</div><div> UG</div></div>	ELECTRICAL TRANSFORMER GUY WIRE LIGHT STANDARD PEDESTAL POWER POLE TRAFFIC SIGNAL CABLE FIBRE OPTIC GAS LINE (NON-AER) GAS ABANDONED OVERHEAD POWER TELECOMMUNICATION UNDERGROUND POWER	<div><div> ET</div><div> GW</div><div> LS</div><div> PED</div><div> PP</div><div> TS</div><div> C</div><div> FO</div><div> G</div><div> OH</div><div> T</div><div> UG</div></div>
<div><div></div><div></div><div></div><div></div><div></div><div></div></div>	BUTTERFLY VALVE GATE VALVE HYDRANT CURB STOP WATER MAIN WATER MAIN ABANDONED	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
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
PROPOSED	DESCRIPTION	EXISTING
<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	AIR RELEASE BELLxBELL ADAPTER BELLxFLANGE ADAPTER COUPLER CROSS ELBOW 90° ELBOW 45° FLUSH POINT HOT TAP LOT SERVICE PLUG REDUCER TEE TEE	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

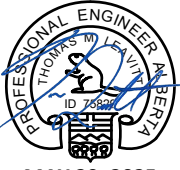
NOTES:
1. ALL ELEVATIONS AND STATIONS IN METRES. PIPE LENGTHS, PIPE SIZES AND DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.


UTM 12 NAD 83
COORDINATES

THE EXISTENCE, LOCATION AND ELEVATION OF ALL UTILITIES AS SHOWN ON ANY PLANS MAY BE BASED ON INFORMATION RECEIVED FROM THE RESPECTIVE AUTHORITIES AND ARE NOT GUARANTEED BY THE ENGINEER. NO RESPONSIBILITY IS IMPLIED OR ASSUMED BY THE ENGINEER AS TO THE LOCATION AND ELEVATION OR ANY OMISSIONS. THE CONTRACTOR OR ANY THIRD-PARTY IS RESPONSIBLE FOR DETERMINING THE EXISTENCE, LOCATION AND ELEVATION OF ALL SUCH UTILITIES AND MUST CONTACT THE VARIOUS UTILITY COMPANIES FOR ON SITE INFORMATION PRIOR TO COMMENCEMENT OF ANY OPERATIONS.

1	25-05-30	FOR CONSTRUCTION
ISSUE	YY-MM-DD	REVISION

PERMIT TO PRACTICE
MPE, a division of Englobe Corp.
Signature 
APEGA ID 75829
Date MAY 30, 2025
PERMIT NUMBER: P 7841
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)


MAY 30, 2025


a division of Englobe

TOWN OF FORT MACLEOD

150TH PARK - PHASE 1
LEGEND

DESIGNED	N.A., E.M.K.	JOB	1485-083-00
DRAWN	N.A.	SCALE	
DATE	MAY 2025	DRAWING	C0.1

PVC AND HDPE PIPE HAZEN WILLIAMS ROUGHNESS COEFFICIENT	
100Ø - 450Ø	C=140
500Ø - 1500Ø	C=145

DEPTH OF FLOW IN 1 IN 5 YEAR STORM EVENT	D _{1:5}
DEPTH OF FLOW IN 1 IN 100 YEAR STORM EVENT	D _{1:100}


FLOW RATE FOR A 1 IN 5 YEAR STORM EVENT $Q_{1:5}$
FLOW RATE FOR A 1 IN 100 YEAR STORM EVENT $Q_{1:100}$

VELOCITY FOR A 1 IN 5 YEAR STORM EVENT	$V_{1:5}$
VELOCITY FOR A 1 IN 100 YEAR STORM EVENT	$V_{1:100}$

UNDERGROUND POWER	UG
UTILITY RIGHT OF WAY	URW

WATER	W
WATER VALVE	WV
WEST	W
WEEPING TILE DRAIN	WTD
WHEEL CHAIR RAMP	WCR
WIDTH	W

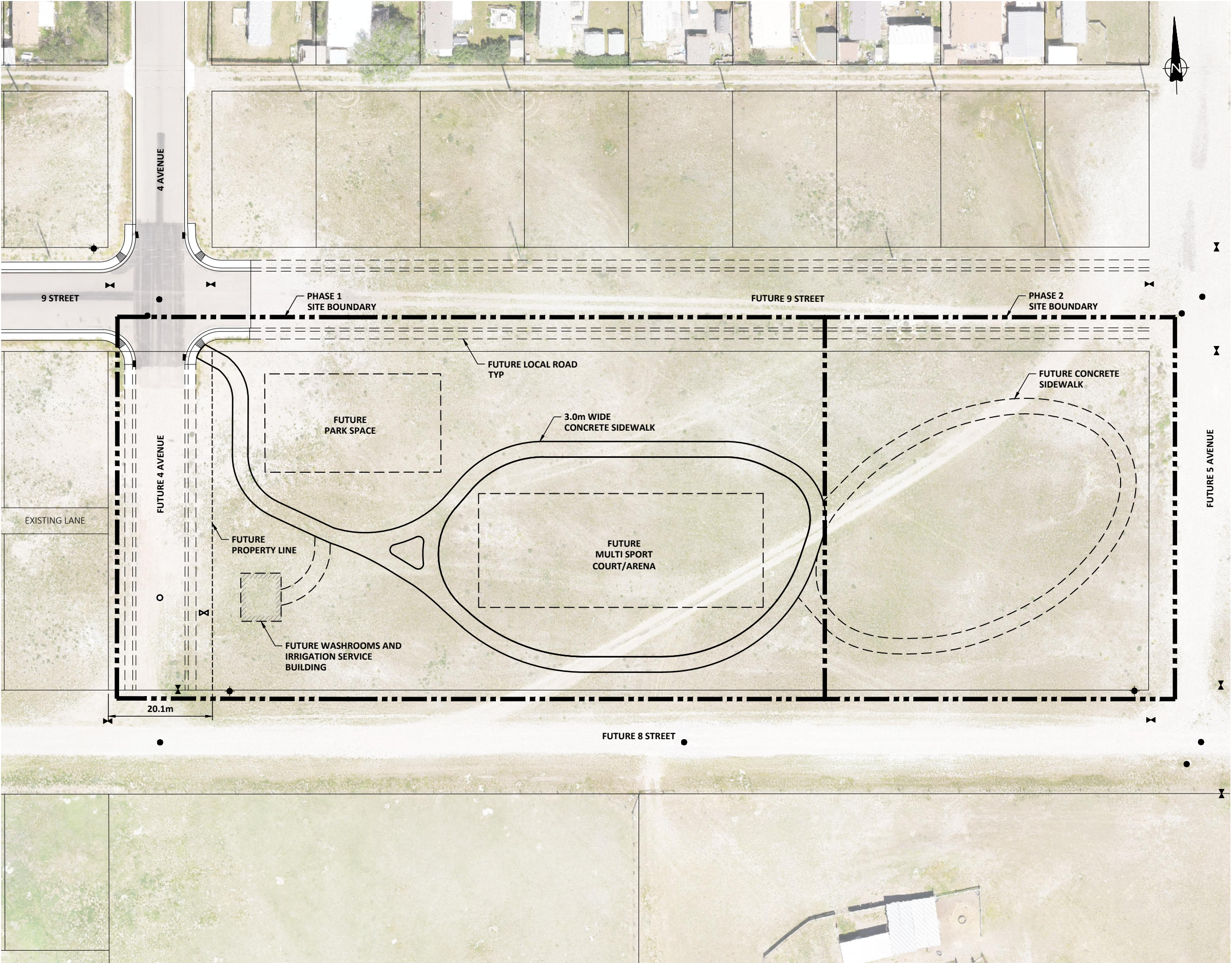
PERMIT TO PRACTICE MPE, a division of Englobe Corp.	
Signature _____	<i>[Signature]</i>
APEGA ID _____	75829
Date _____	MAY 30, 2025
PERMIT NUMBER: P 7841 The Association of Professional Engineers and Geoscientists of Alberta (APEGA)	



MAY 30, 2025



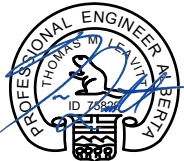
DESIGNED	N.A., E.M.K.	JOB	1485-083-00
DRAWN	N.A.	SCALE	
DATE	MAY 2025	DRAWING	C0.2



- NOTES:
1. FOR INFORMATION REGARDING GENERAL NOTES, UTILITIES, SYMBOLS AND ABBREVIATIONS REFER TO THE LEGEND AND ABBREVIATIONS DRAWINGS.
 2. DEEP AND SHALLOW UTILITIES NOT SHOWN FOR CLARITY.

1	25-05-30	FOR CONSTRUCTION
ISSUE	YY-MM-DD	REVISION

PERMIT TO PRACTICE
MPE, a division of Englobe Corp.
Signature _____
APEGA ID 75829
Date MAY 30, 2025
PERMIT NUMBER: P 7841
The Association of Professional Engineers and
Geoscientists of Alberta (APEGA)



MAY 30, 2025



a division of Englobe

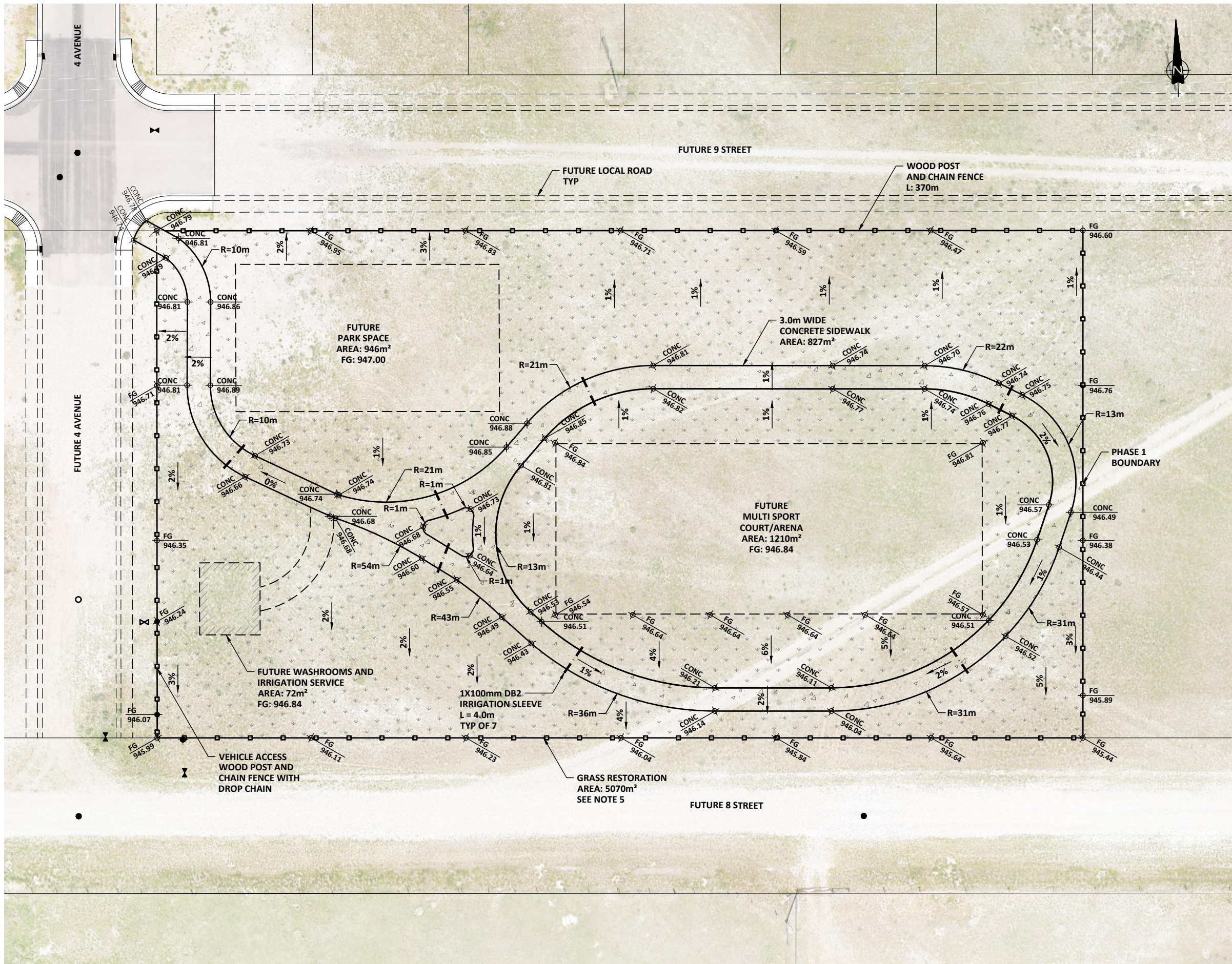
TOWN OF FORT MACLEOD

150TH PARK - PHASE 1
OVERALL SITE PLAN

DESIGNED	N.A., E.M.K.	JOB	1485-083-00
DRAWN	N.A.	SCALE	1:750
DATE	MAY 2025	DRAWING	C1.1

THIS DRAWING MAY HAVE BEEN MODIFIED FROM ITS ORIGINAL SIZE. ALL SCALE NOTATIONS INDICATED ARE BASED ON 11"x17" FORMAT DRAWINGS


DIGITAL DRAWINGS BEST VIEWED IN ©ADOBE ACRBAT READER



- NOTES:
- FOR INFORMATION REGARDING GENERAL NOTES, UTILITIES, SYMBOLS AND ABBREVIATIONS REFER TO THE LEGEND AND ABBREVIATIONS DRAWINGS.
 - IRRIGATION SLEEVES HAVE BEEN PROVIDED FOR FUTURE IRRIGATION INSTALLATION. IRRIGATION SYSTEM DESIGN BY OTHERS.
 - IRRIGATION SLEEVES TO BE INSTALLED 600mm BELOW FINISHED GRADE.
 - ELECTRICAL SERVICE AND UTILITIES BY OTHERS.
 - GRASS RESTORATION
 - TOPSOIL PLACEMENT
 - PARK SEED MIXTURE

1	25-05-30	FOR CONSTRUCTION
ISSUE	YY-MM-DD	REVISION

PERMIT TO PRACTICE
MPE, a division of Englobe Corp.

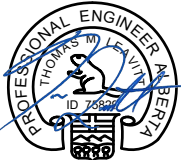
Signature: 

APEGA ID: 75829


Date: MAY 30, 2025

PERMIT NUMBER: P 7841

The Association of Professional Engineers and Geoscientists of Alberta (APEGA)



MAY 30, 2025

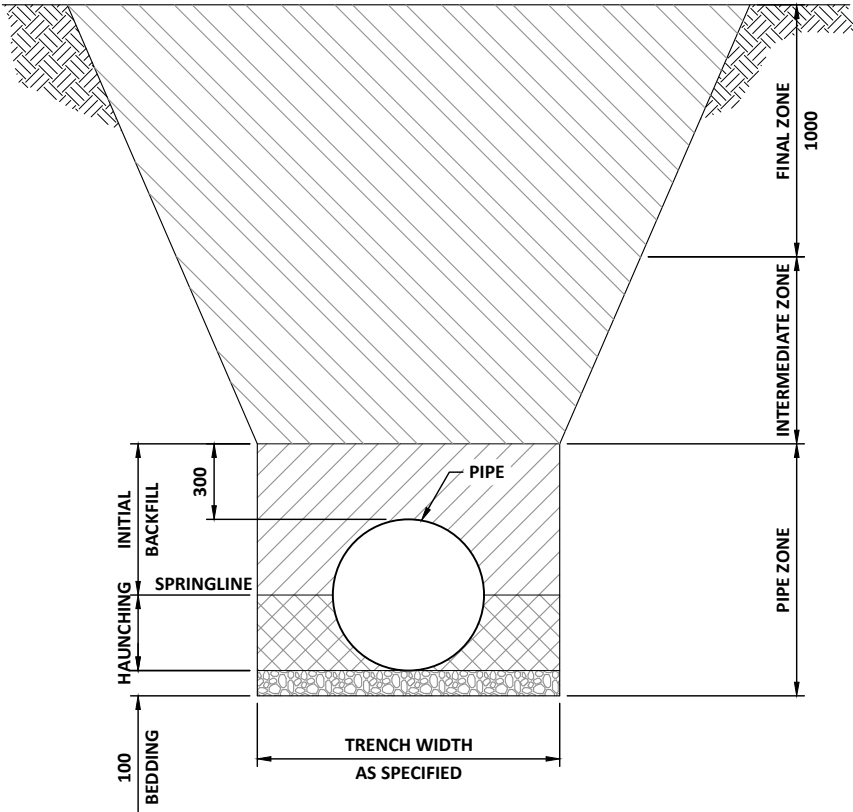


a division of Englobe

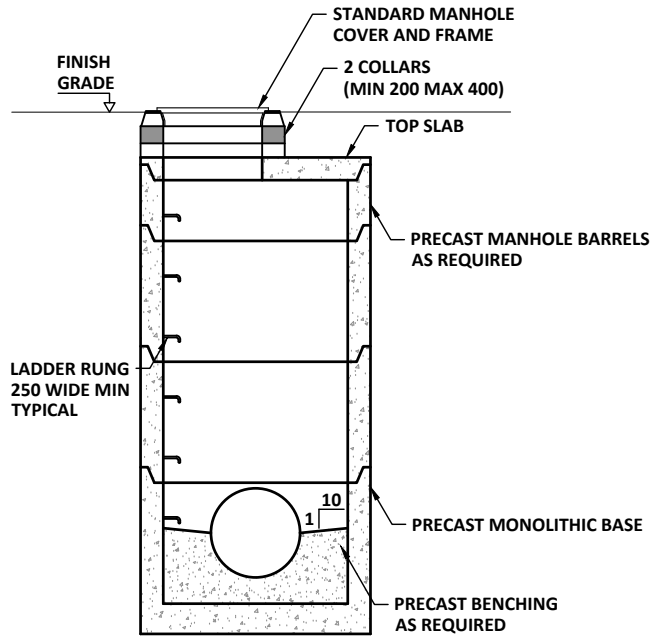
TOWN OF FORT MACLEOD

**150TH PARK - PHASE 1
SITE GRADING PLAN**

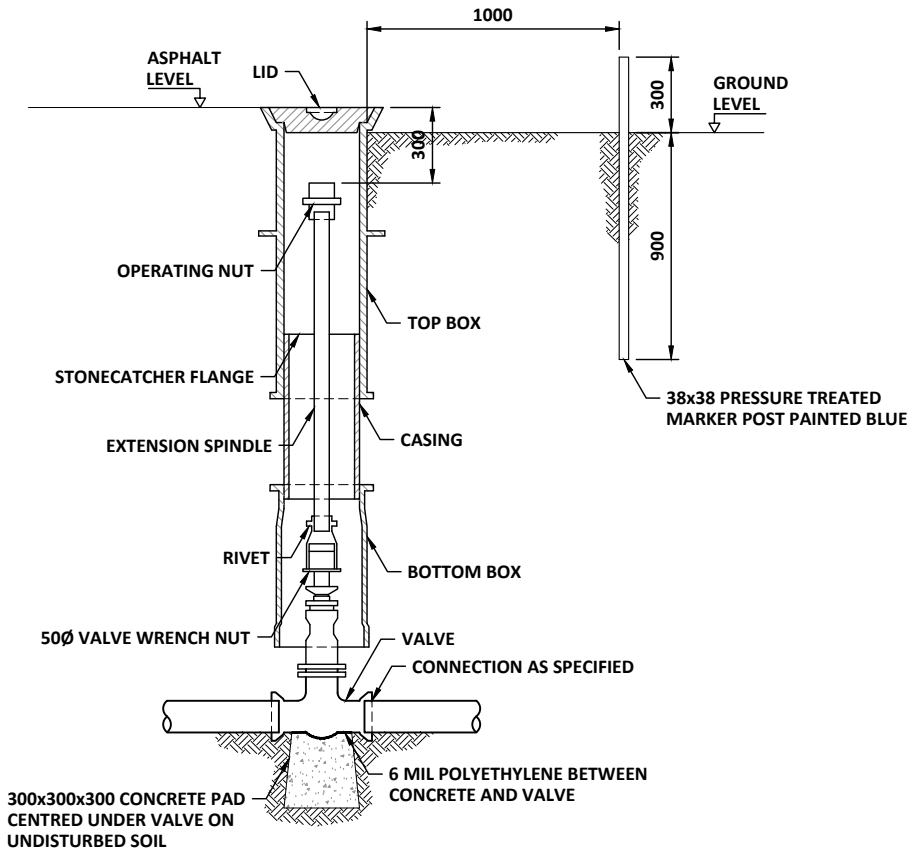
DESIGNED	N.A., E.M.K.	JOB	1485-083-00
DRAWN	N.A.	SCALE	1:500
DATE	MAY 2025	DRAWING	C1.3



- NOTES:
- REFER TO SECTION 02319 - BACKFILLING SCHEDULE FOR: FILL MATERIAL, MAXIMUM LIFT THICKNESS, MINIMUM COMPACTION AND MOISTURE CONTENT REQUIREMENTS.
- TYPICAL TRENCH BEDDING AND BACKFILL REQUIREMENTS**



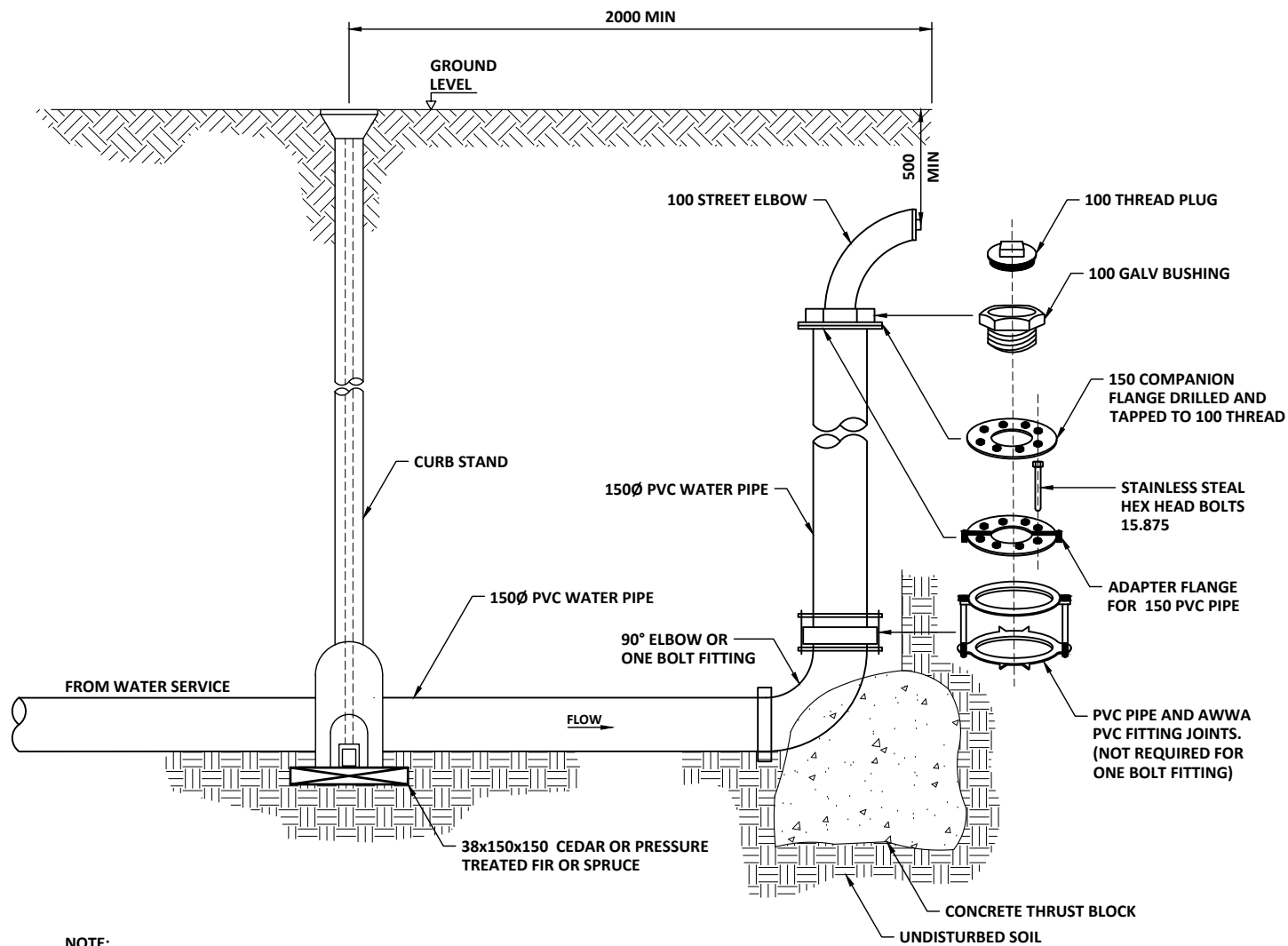
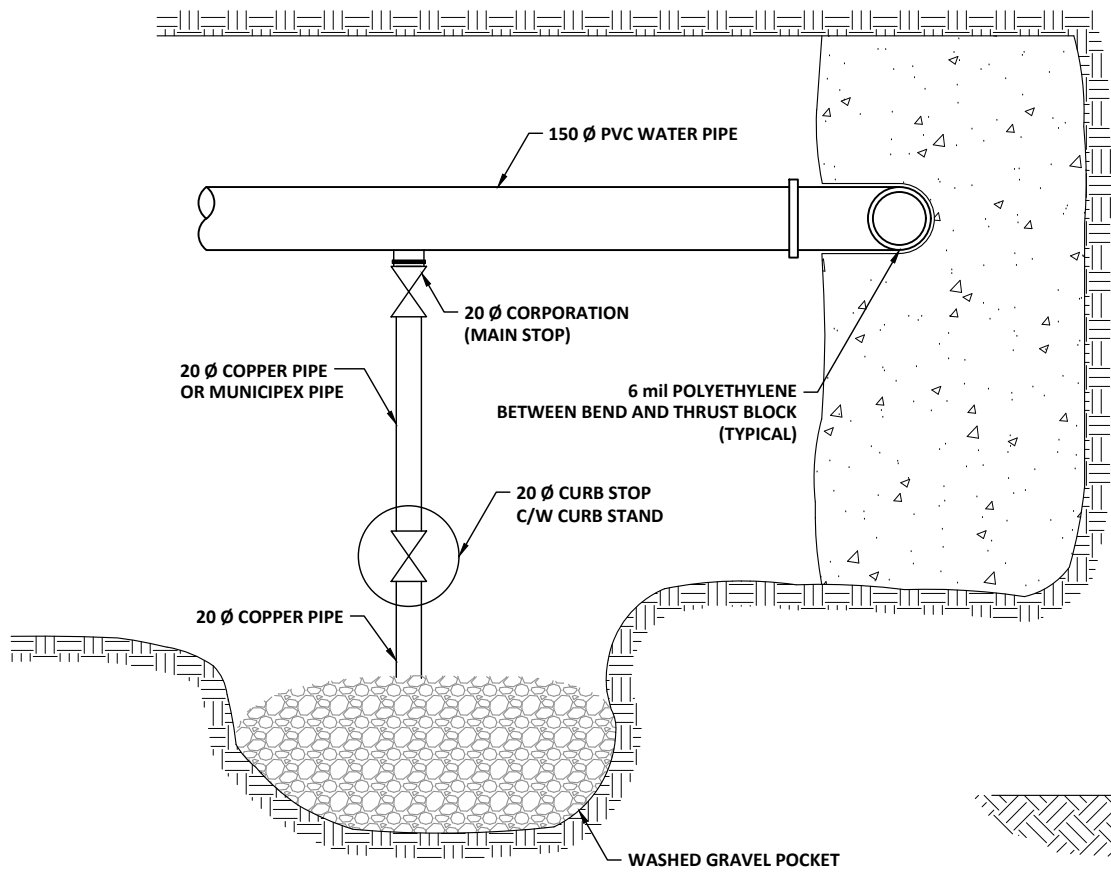
STANDARD PRECAST MANHOLE FOR 600mm PIPE OR SMALLER



BURIED VALVE 100mm TO 200mm

- NOTES:
- FOR INFORMATION REGARDING GENERAL NOTES, UTILITIES, SYMBOLS AND ABBREVIATIONS REFER TO THE LEGEND AND ABBREVIATIONS DRAWINGS.

1	25-05-30	FOR CONSTRUCTION
ISSUE	YY-MM-DD	REVISION
<div>PERMIT TO PRACTICE MPE, a division of Englobe Corp. Signature _____ APEGA ID 75829 Date MAY 30, 2025 PERMIT NUMBER: P 7841 The Association of Professional Engineers and Geoscientists of Alberta (APEGA)</div>		<div>PROFESSIONAL ENGINEER ALBERTA THOMAS M. LEVITT ID 74592 MAY 30, 2025</div>
<div>MPE a division of Englobe</div>		
TOWN OF FORT MACLEOD		
150TH PARK - PHASE 1 TYPICAL DETAILS 1 OF 3		
DESIGNED	N.A., E.M.K.	JOB 1485-083-00
DRAWN	N.A.	SCALE N.T.S
DATE	MAY 2025	DRAWING C2.1




NOTE:
1. 300 GRAM ZINC ALLOY CAPS TO BE USED ON PVC JOINT RESTRAINTS.

SIDE VIEW

- NOTES:
1. FOR INFORMATION REGARDING GENERAL NOTES, UTILITIES, SYMBOLS AND ABBREVIATIONS REFER TO THE LEGEND AND ABBREVIATIONS DRAWINGS.
 2. DOUBLE CHECK VALVE ASSEMBLY INSTALLED WITHIN IRRIGATION VALVE SERVICE. TO BE INSTALLED BY OTHERS.

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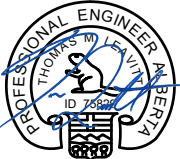
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Signature 

APEGA ID 75829

Date MAY 30, 2025

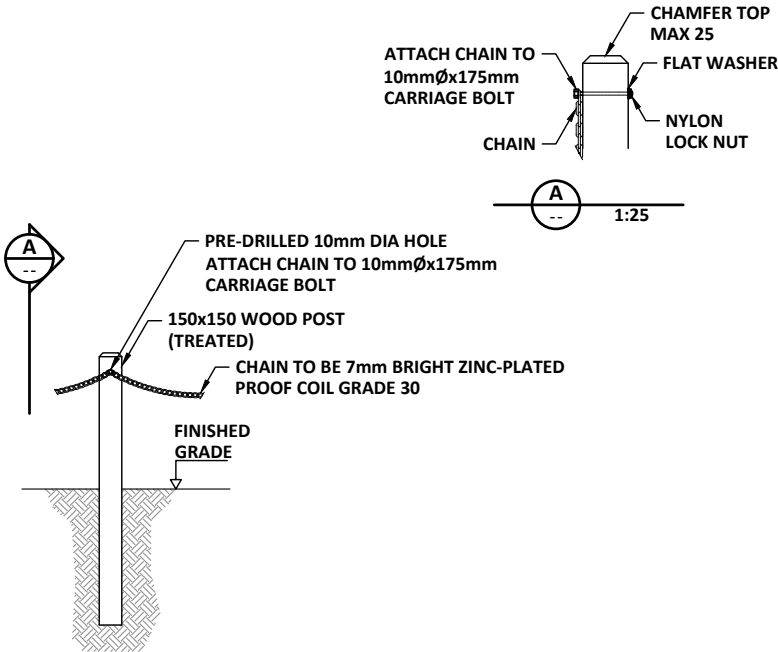
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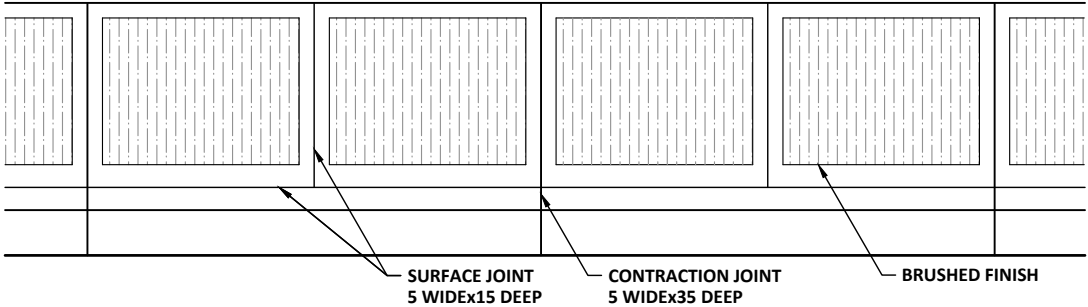


TOWN OF FORT MACLEOD	
150TH PARK - PHASE 1 TYPICAL DETAILS 2 OF 3	
DESIGNED	N.A., E.M.K.
JOB	1485-083-00
DRAWN	N.A.
SCALE	N.T.S
DATE	MAY 2025
DRAWING	C2.2



- NOTES:
1. BACKFILL AND COMPACT SOIL AROUND POST TO SECURE IN PLACE
 2. OPEN SPACE WOOD POST SPACING @ 3.0m O.C. MAXIMUM.
 3. VEHICULAR ACCESS WOOD POST SPACING @ 3.6m O.C. MAXIMUM.
 4. CHAIN SAG TO BE 150 MAX AND 100 MIN.
 5. ALL BOLTS AND FASTENERS TO BE ZINC-PLATED
 6. ALL WOOD POSTS TO BE TREATED WITH ACQ PRESERVATIVE OR APPROVED EQUIVALENT.
 7. BOLTS NOT TO EXCEED 2 THREADS BEYOND POST. EXCESS LENGTH TO BE CUT AND PEENED OR FILED.
 8. CROSS BRACING WITH 100x100 REQUIRED AT TERMINAL POSTS, DIRECTIONAL CHANGE IN FENCE AND AT GATES.

TYPICAL WOOD POST AND CHAIN FENCE



CONCRETE FINISHING DETAIL

- NOTES:
1. FOR INFORMATION REGARDING GENERAL NOTES, UTILITIES, SYMBOLS AND ABBREVIATIONS REFER TO THE LEGEND AND ABBREVIATIONS DRAWINGS.

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TOWN OF FORT MACLEOD		
150TH PARK - PHASE 1 TYPICAL DETAILS 3 OF 3		
DESIGNED	N.A., E.M.K.	JOB 1485-083-00
DRAWN	N.A.	SCALE N.T.S
DATE	MAY 2025	DRAWING C2.3