

LEGEND:



PROPERTY LINE

Municipality Notes

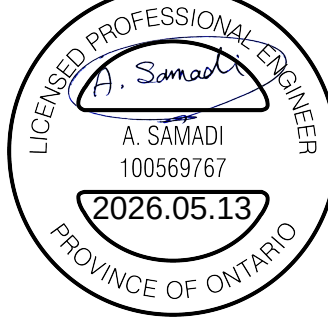
DRAWN

S.L/S.P

DATE _____

MAY 04, 2026

STAMP



KEY MAP

N.T.S.

AD

SUBJECT SITE

THIRD CONCESSION

KING

E 3780 14th Ave, Unit 211
P Markham, ON, L3R 9Y5
C www.KingEPCM.com
M 647-459-5647

CLIENT

XUE JU (JACK) ZHENG
2789475 ONTARIO INC.

PROJECT NAME

0TH FORKS ROAD

PROJECT LOCATION

**0TH FORKS ROAD
COLBORNE**

PRINT TITLE

SITE KEY PLAN

FILE No.

EGR - 1.1

No.	ISSUED FOR:	DATE	DRAW BY	CHECKED BY
V1	ISSURED FOR PERMITS	APR 29, 2024	SL	TW
V4	ISSURED FOR PERMITS	JUN 26 2025	SP	AA
V5	ISSURED FOR PERMITS	JUL 22 2025	SP	TW
V7	ISSURED FOR PERMITS	JAN 07 2026	SP	TW
V10	ISSURED FOR PERMITS	MAY 04 2026	SP	TW

SCALE 1:5000

$$1\text{ cm} = 50\text{ m}$$

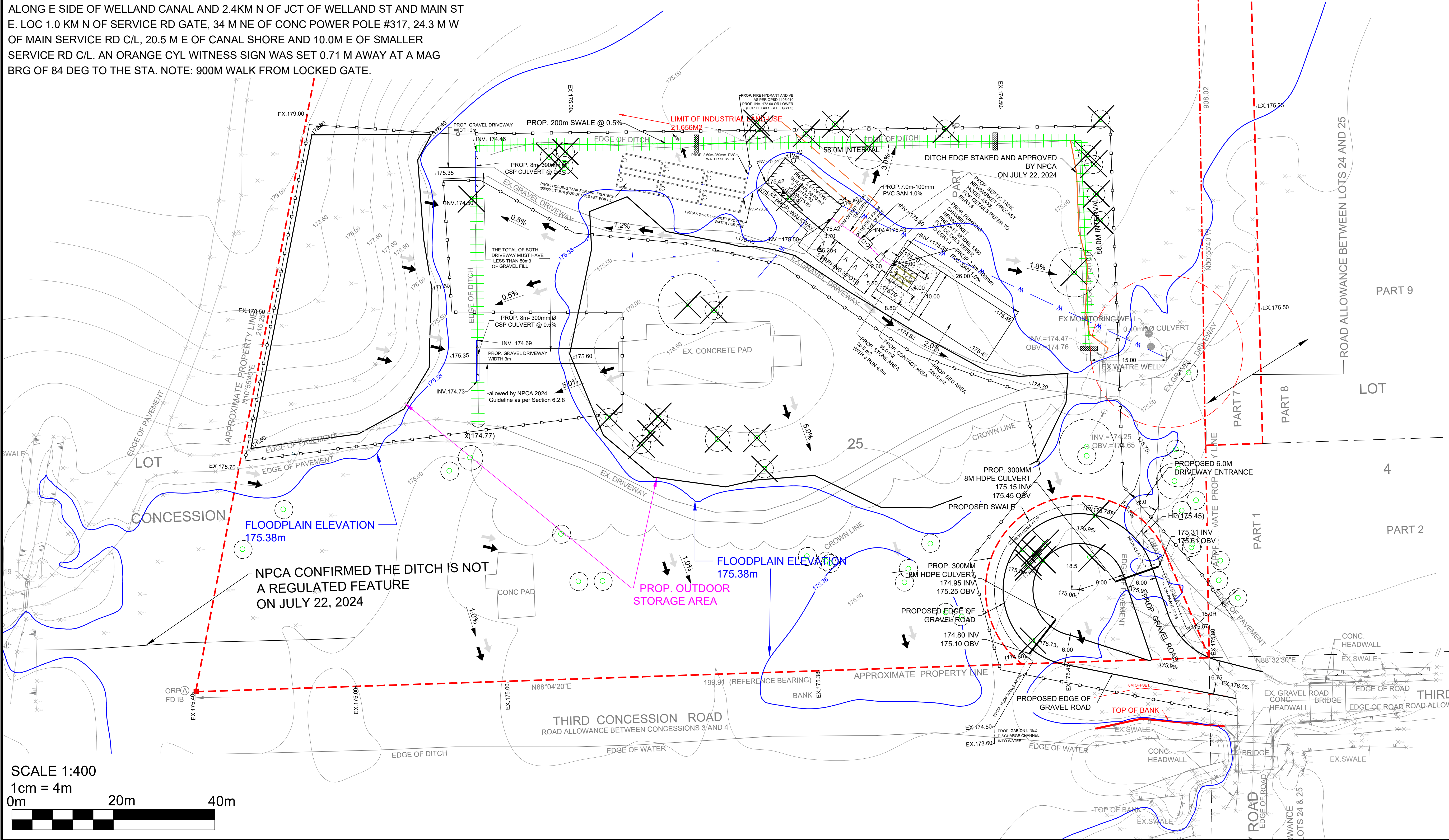
0m 250m

500m



GENERAL NOTES:

- TOPO SURVEY WAS CONDUCTED ON MARCH 7, 2024 AND OCTOBER 1, 2025 BY KING EPCM. NATURAL HERITAGE FEATURE STAKING SURVEY WAS CONDUCTED ON JULY 22, 2024
- ALL MEASUREMENTS STATED IN METRES.
- PROPERTY BOUNDARY WAS REFERENCED BY RASCH + HYDE LTD., DATED MARCH 18, 2015.
- THIS IS NOT A PLAN OF SURVEY. DO NOT USE FOR BOUNDARY.
- ELEVATIONS ARE GEODETIC, OBTAINED FROM GNSS AND USING CAN-NET DERIVED FROM RTK SOLUTION AND GEOID MODEL HTv.2.0 SOLUTION, REFERRED TO CANADIAN GEODETIC VERTICAL DATUM OF 1928 (CGVD28:78) AND BENCHMARK No. 0011980U014, HAVING AN ELEVATION OF 173.81M . THE BENCHMARK IS IN MANHOLE ALONG E SIDE OF WELLAND CANAL AND 2.4KM N OF JCT OF WELLAND ST AND MAIN ST E. LOC 1.0 KM N OF SERVICE RD GATE, 34 M NE OF CONC POWER POLE #317, 24.3 M W OF MAIN SERVICE RD C/L, 20.5 M E OF CANAL SHORE AND 10.0M E OF SMALLER SERVICE RD C/L. AN ORANGE CYL WITNESS SIGN WAS SET 0.71 M AWAY AT A MAG BRG OF 84 DEG TO THE STA. NOTE: 900M WALK FROM LOCKED GATE.



LEGEND:

x 175.54

175.00

CONC.

IB

ORP

PROPERTY LINE

EXISTING ELEVATION

CONTOUR LINE

WATERWELL

CONCRETE

IRON BAR

OBSERVED REFERENCE POINTS

CHECK DAM

GRASS SWALE

TREE TO BE RETAINED

TREE TO BE REMOVED

Municipality Notes

DRAWN

TW

DATE

MAY 04, 2026

STAMP

LICENCED PROFESSIONAL ENGINEER

A. Samad

A. SAMADI

100569767

2026.05.13

PROVINCE OF ONTARIO

KEY MAP

N.T.S.

CANAL ROAD

SUBJECT SITE

THIRD CONCESSION ROAD

RAMSEY ROAD

KING EPCM

3780 14th Ave, Unit 211
Markham, ON, L3R 9Y5
www.KingEPCM.com
647-459-5647

CLIENT

XUE JU (JACK) ZHENG
2789475 ONTARIO INC.

PROJECT NAME

0TH FORKS ROAD

PROJECT LOCATION

0TH FORKS ROAD
COLBORNE

PRINT TITLE

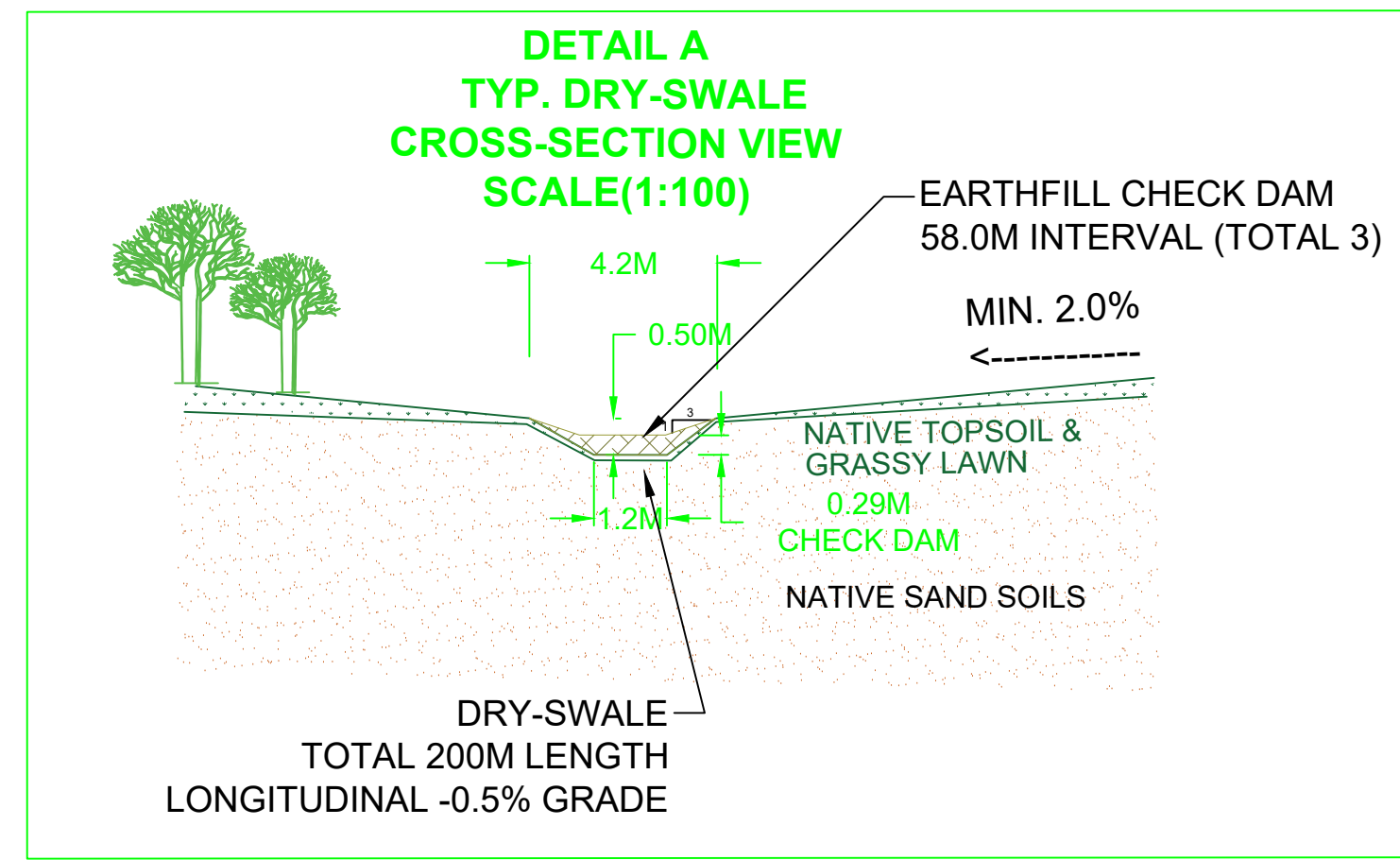
SITE PLAN

FILE No.

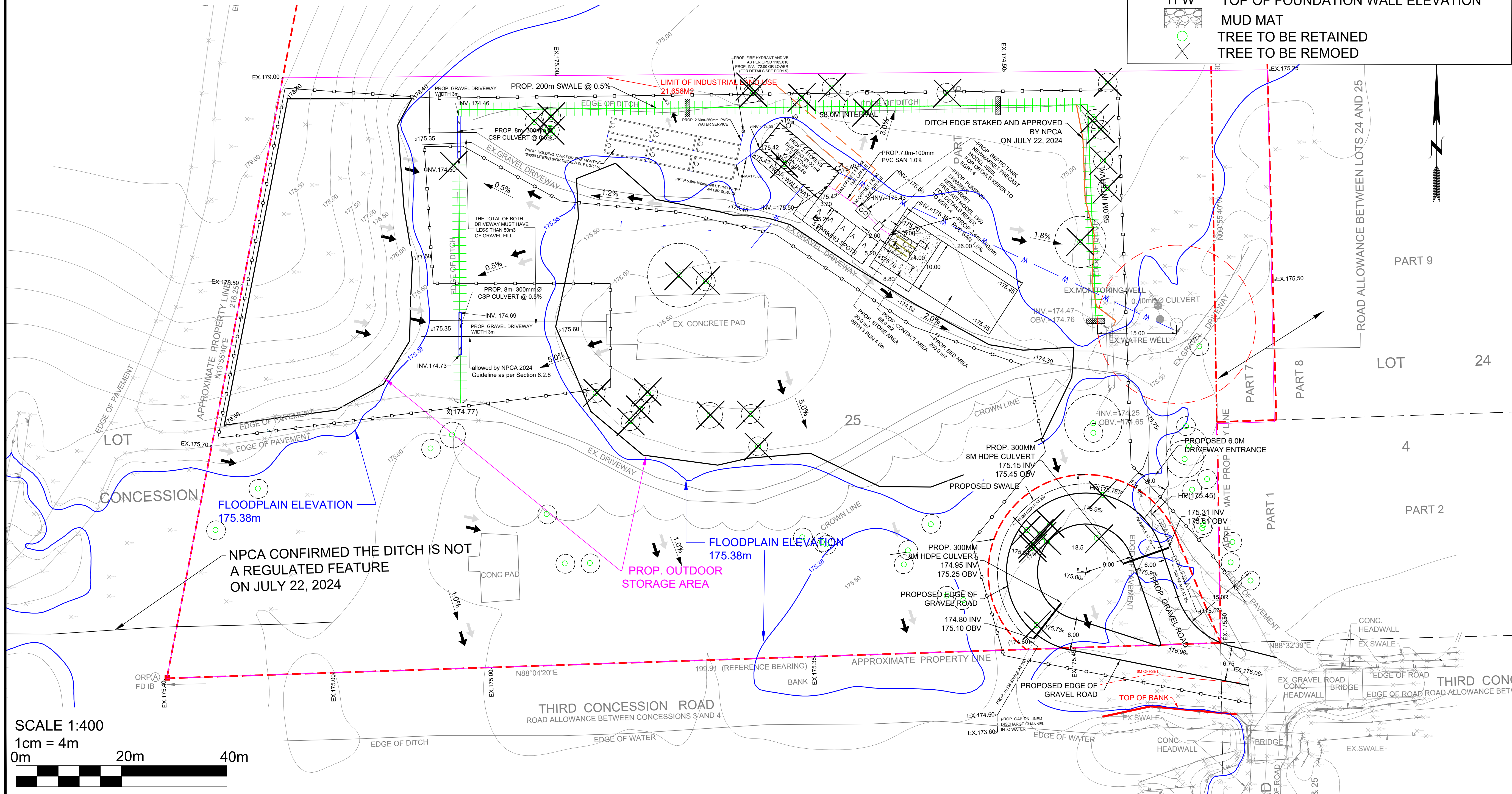
EGR - 1.2

No.	ISSUED FOR:	DATE	DRAW BY	CHECK
V1	ISSURED FOR PERMITS	APR 29, 2024	SL	TW
V4	ISSURED FOR PERMITS	JUN 26 2025	SP	AA
V5	ISSURED FOR PERMITS	JUL 22 2025	SP	TW
V8B	ISSURED FOR PERMITS	MAR 18, 2026	SP	TW
V10	ISSURED FOR PERMITS	MAY 04, 2026	SP	TW

1. CONTRACTOR TO BE RESPONSIBLE TO ENSURE THAT THIS LOT AND ADJOINING AREAS OF SITE ARE KEPT CLEAN AND FREE OF CONSTRUCTION DEBRIS, AND THAT ROADWAYS ARE KEPT CLEAN OF MUD AND DEBRIS
2. ALL MEASUREMENTS STATED IN METERS, PIPE SIZES IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED EQUIVALENTS
3. GRASS SWALES SHALL BE CONSTRUCTED WITH 3:1 SIDE SLOPES, WITH AN AVERAGE DEPTH OF 150MM BELOW GRADE. SWALES SHALL HAVE A MINIMUM OF 50MM OF TOPSOIL, THEN SEEDED WITH LAWN GRASS DURING MAY - SEPTEMBER, WATERED WEEKLY UNTIL FULLY ROOTED
4. LANDSCAPING SHRUBS OR OTHER SMALL-FORM VEGETATION MAY BE PLANTED WITHIN THE GRASS SWALES. ROOT-BALL AND RAISED SOIL AROUND EACH SHRUB MAY FORM A DAM UP TO 600MM IN HEIGHT WITHIN THE SWALE, BUT NOT FULLY OBSTRUCT THE SWALE
5. EXTERIOR FOUNDATION WALLS SHALL ABOVE FINISHED GRADE ELEVATION BY AT MINIMUM 150mm
6. CONTRACTOR SHALL CHECK AND VERIFY ALL GIVEN GRADE ELEVATIONS AND DRAINAGE PRIOR TO CONSTRUCTION
7. RUNOFF SHALL BE DIRECTED IN SUCH WAY THAT IT DOES NOT ADVERSELY IMPACT ADJACENT PROPERTIES.
8. ELEVATIONS ARE GEODETIC, OBTAINED FROM GNSS AND USING CAN-NET DERIVED FROM RTK SOLUTION AND GEOID MODEL Htv.2.0 SOLUTION, REFERRED TO CANADIAN GEODETIC VERTICAL DATUM OF 1928 (CGVD28:78) AND BENCHMARK No. 0011980U014, HAVING AN ELEVATION OF 173.81M . THE BENCHMARK IS IN MANHOLE ALONG E SIDE OF WELLAND CANAL AND 2.4KM N OF JCT OF WELLAND ST AND MAIN ST E. LOC 1.0 KM N OF SERVICE RD GATE, 34 M NE OF CONC POWER POLE #317, 24.3 M W OF MAIN SERVICE RD C/L, 20.5 M E OF CANAL SHORE AND 10.0M E OF SMALLER SERVICE RD C/L. AN ORANGE CYL WITNESS SIGN WAS SET 0.71 M AWAY AT A MAG BRG OF 84 DEG TO THE STA. NOTE: 900M WALK FROM LOCKED GATE.



x 223.01	EXISTING ELEVATION
x 223.03	PROPOSED SURFACE ELEVATION
	PROPERTY LINE
x (223.03)	PROPOSED SWALE INVERT ELEVATION
	EXISTING SURFACE FLOW ROUTE
	PROPOSED SURFACE FLOW ROUTE
	TREE PROTECTION ZONE
	ROOF WATER DOWNSPOUT
	SILT FENCE CONTROL
W	PROP. WATERMAIN
FFE	FINISHED FLOOR ELEVATION
USF	UNDERSIDE FOOTING ELEVATION
DS	DOOR SILL ELEVATION
TFW	TOP OF FOUNDATION WALL ELEVATION
	MUD MAT
	TREE TO BE RETAINED
	TREE TO BE REMOVED



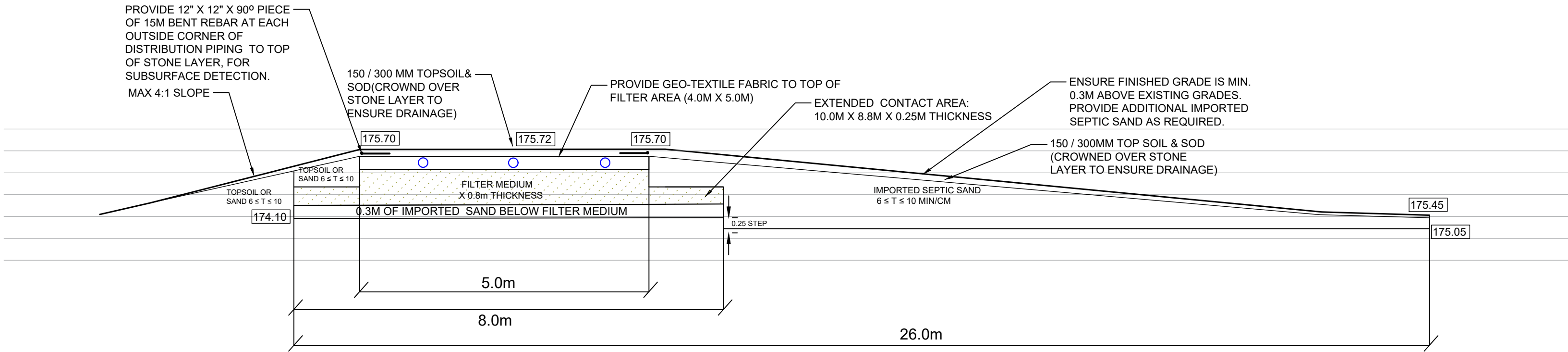
Municipality Notes		DRAWN		S.L/S.P		DATE		MAY 04, 2026		STAMP	
										LICENSED PROFESSIONAL ENGINEER A. Samadi A. SAMADI 100569767 2026.05.13 PROVINCE OF ONTARIO	
KEY MAP N.T.S.											
KING E P C M				3780 14th Ave, Unit 211 Markham, ON, L3R 9Y5 www.KingEPCM.com 647-459-5647							
CLIENT XUE JU (JACK) ZHENG 2789475 ONTARIO INC.											
PROJECT NAME 0TH FORKS ROAD											
PROJECT LOCATION 0TH FORKS ROAD COLBORNE											
PRINT TITLE SITE GRADING AND SERVICING											
FILE No. EGR - 1.3											
No.	ISSUED FOR:					DATE		DRAW BY		CHECK	
V1	ISSURED FOR PERMITS					APR 29, 2024		SL		TW	
V4	ISSURED FOR PERMITS					JUN 26 2025		SP		AA	
V5	ISSURED FOR PERMITS					JUL 22 2025		SP		TW	
V7	ISSURED FOR PERMITS					JAN 07 2026		SP		TW	
V10	ISSURED FOR PERMITS					MAY 04 2026		SP		TW	

DETAIL A
FILTER BED
CROSS SECTION

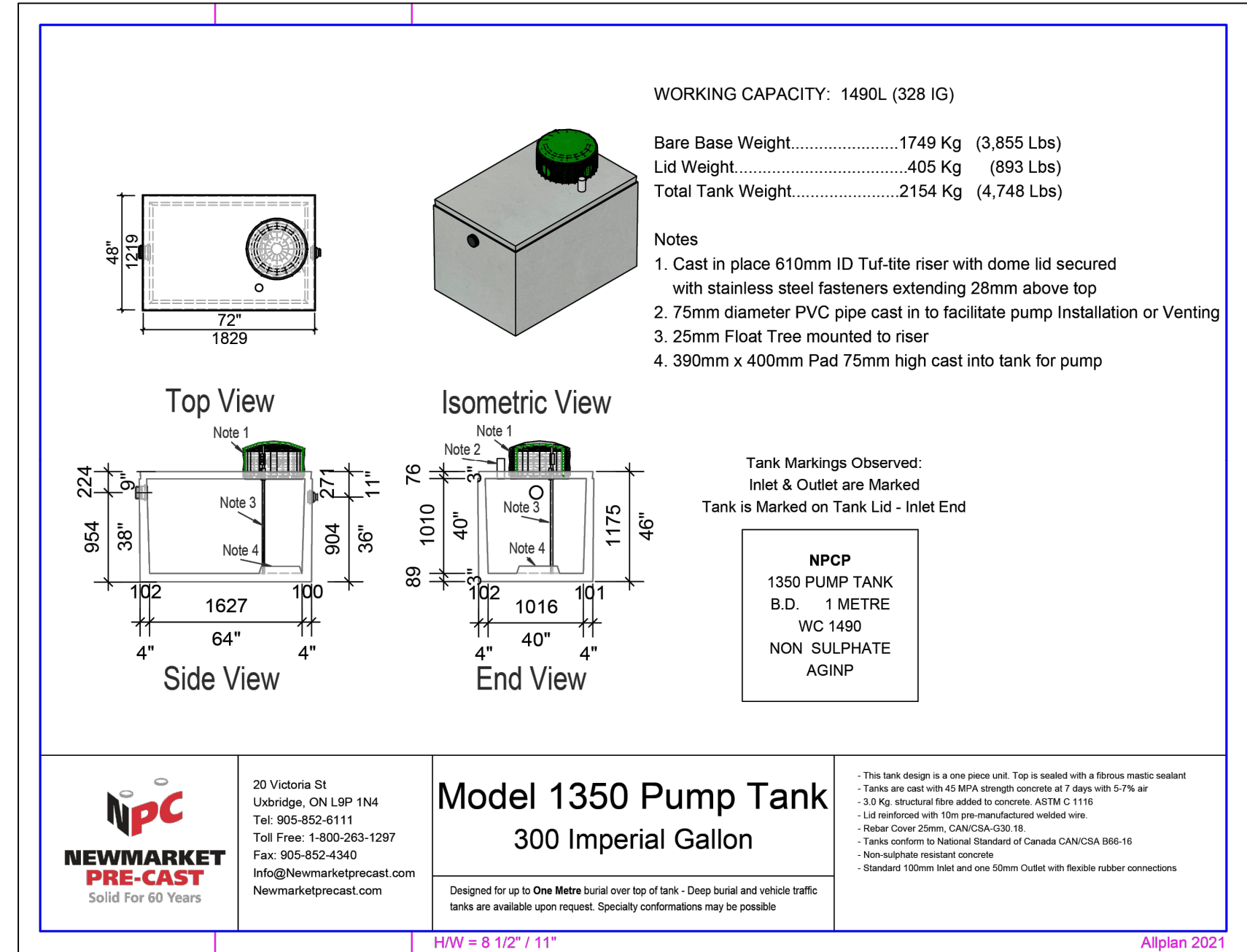
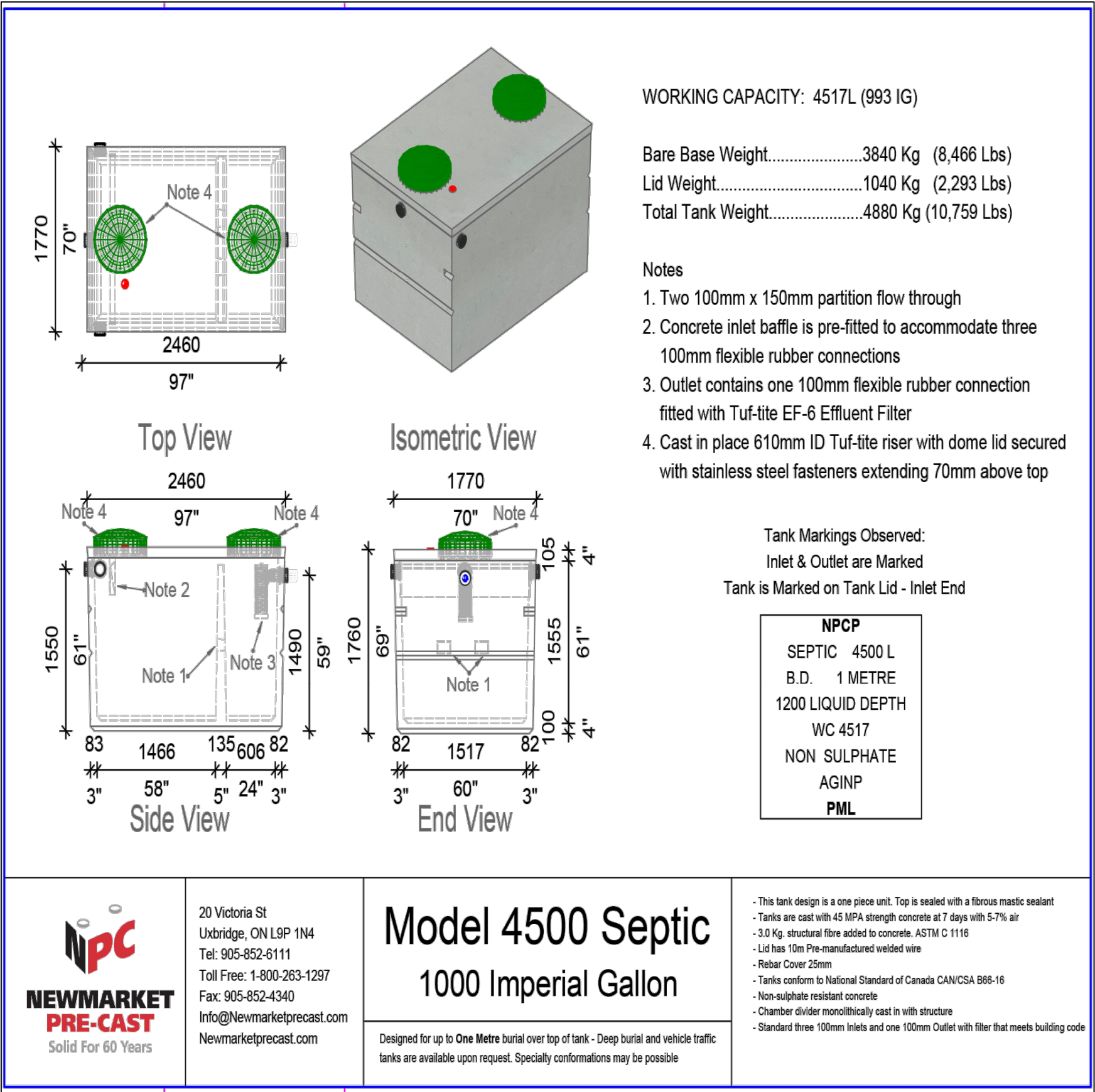
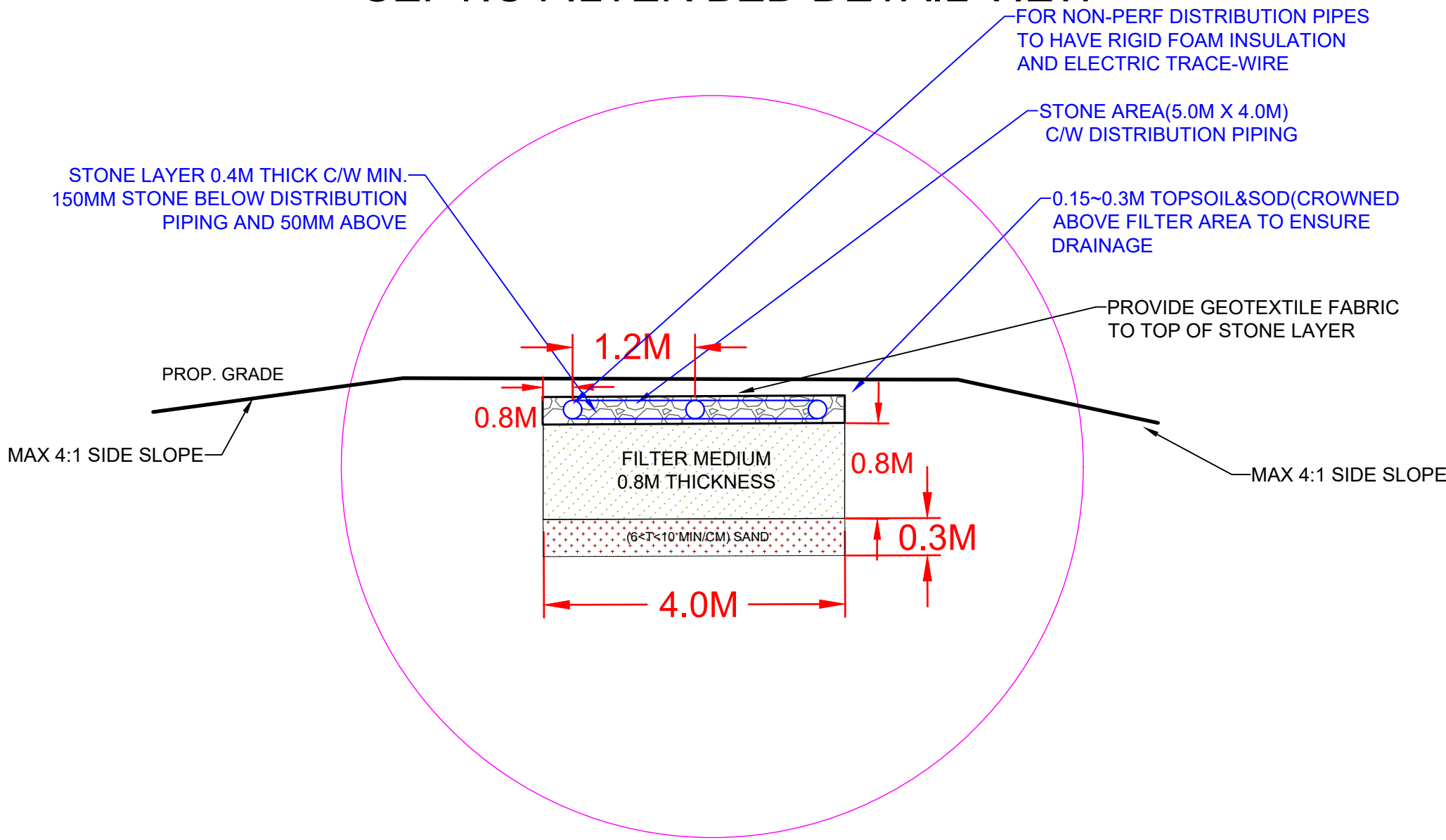
VIEWING EAST

A- NORTH

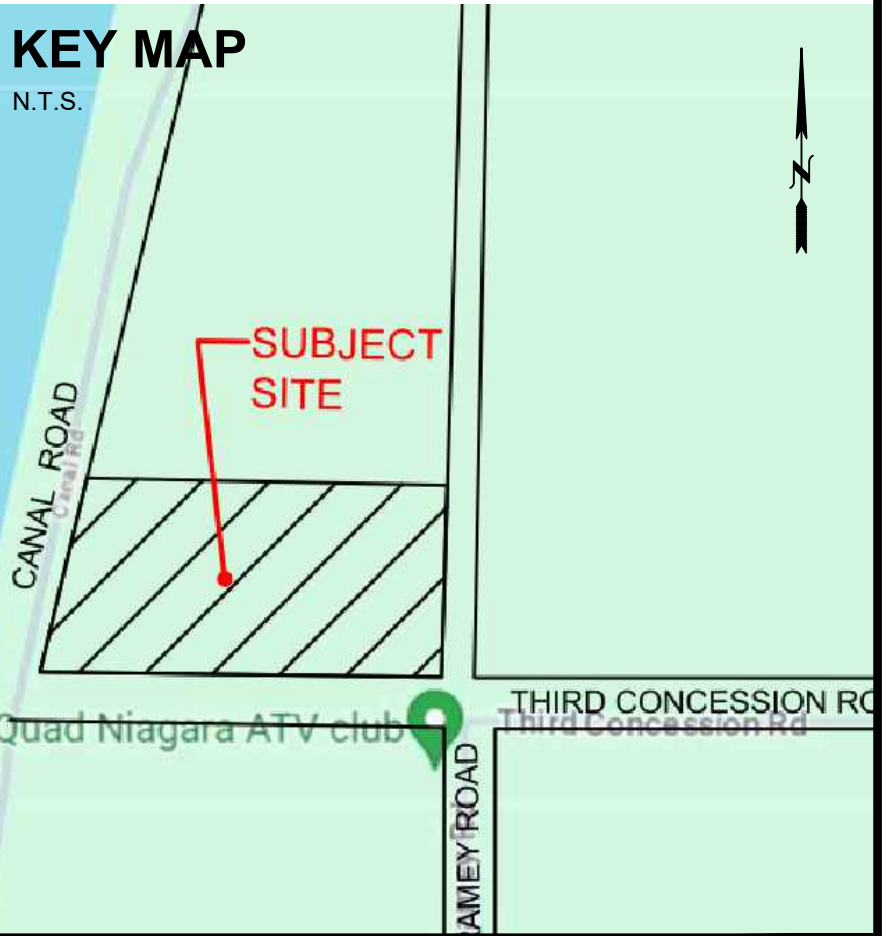
A'- SOUTH



DETAIL A (N.T.S)
SEPTIC FILTER BED DETAIL VIEW



Municipality Notes				
DRAWN	S.L./S.P.			STAMP
DATE	MAY 04, 2026			LICENSED PROFESSIONAL ENGINEER A. SAMADI 100569767 2026.05.13 PROVINCE OF ONTARIO

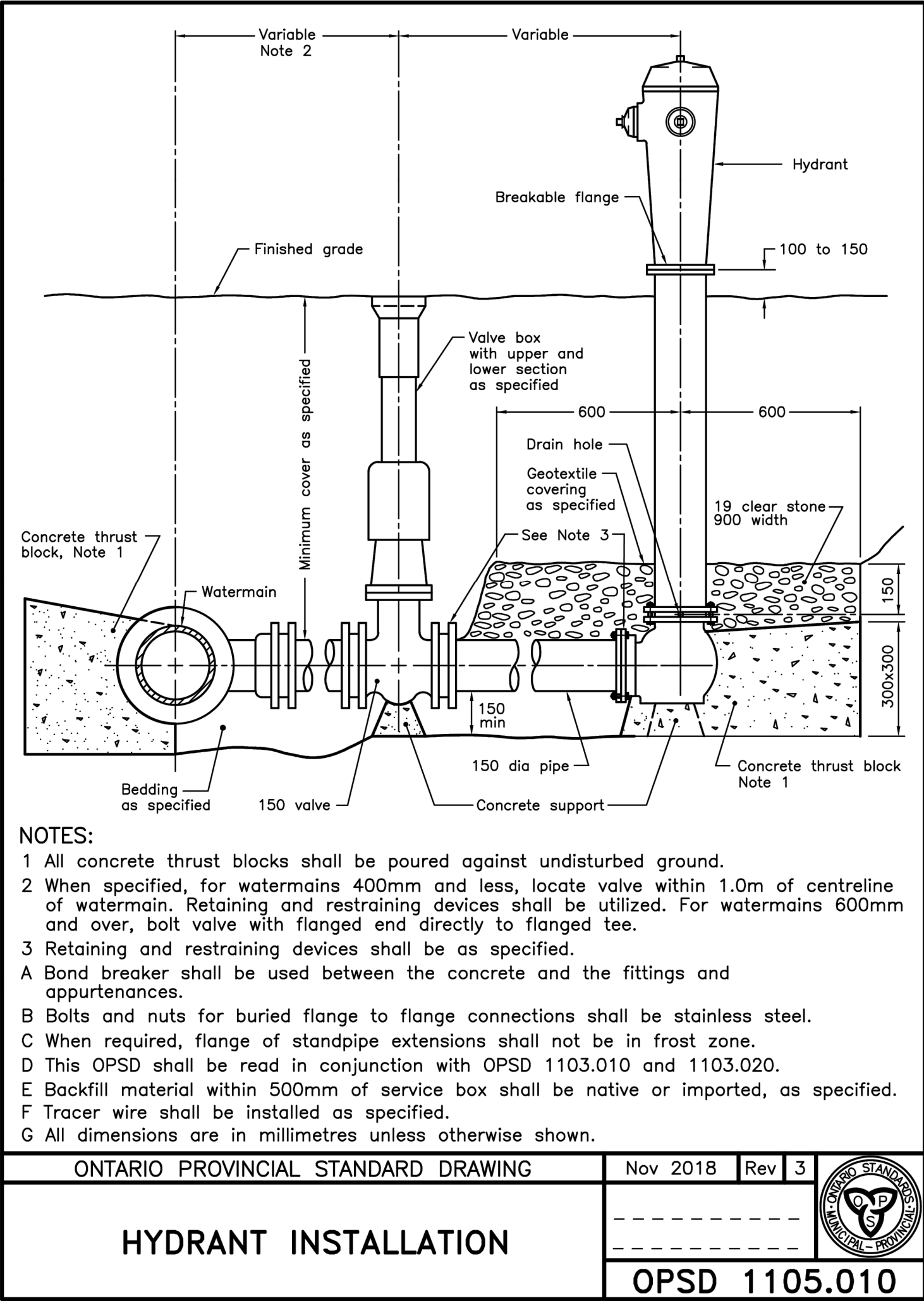


KING

EPCOM

3780 14th Ave, Unit 211
Markham, ON, L3R 9Y5
www.KingEPCM.com
647-459-5647

CLIENT				
XUE JU (JACK) ZHENG 2789475 ONTARIO INC.				
PROJECT NAME				
0TH FORKS ROAD				
PROJECT LOCATION				
0TH FORKS ROAD COLBORNE				
PRINT TITLE				
SEPTIC DETAIL				
FILE No.				
EGR - 1.4				
No.	ISSUED FOR:	DATE	DRAW BY	CHECK
V1	ISSURED FOR PERMITS	APR 29, 2024	SL	TW
V4	ISSURED FOR PERMITS	JUN 26 2025	SP	AA
V5	ISSURED FOR PERMITS	JUL 22 2025	SP	TW
V7	ISSURED FOR PERMITS	JAN 07 2026	SP	TW
V10	ISSURED FOR PERMITS	MAY 04 2026	SP	TW



60,000 LITRE CONCRETE WATER HOLDING TANK MODEL H60S

CONSTRUCTION DETAILS:

Concrete: 35 MPa at 28 Days, 5 to 8% Air Entrainment.

Reinforcing: Designed for a maximum 1 metre burial over the top slab in firm soil.
Optional reinforcing for CHBDC vehicular loading available upon request.

WEIGHT:

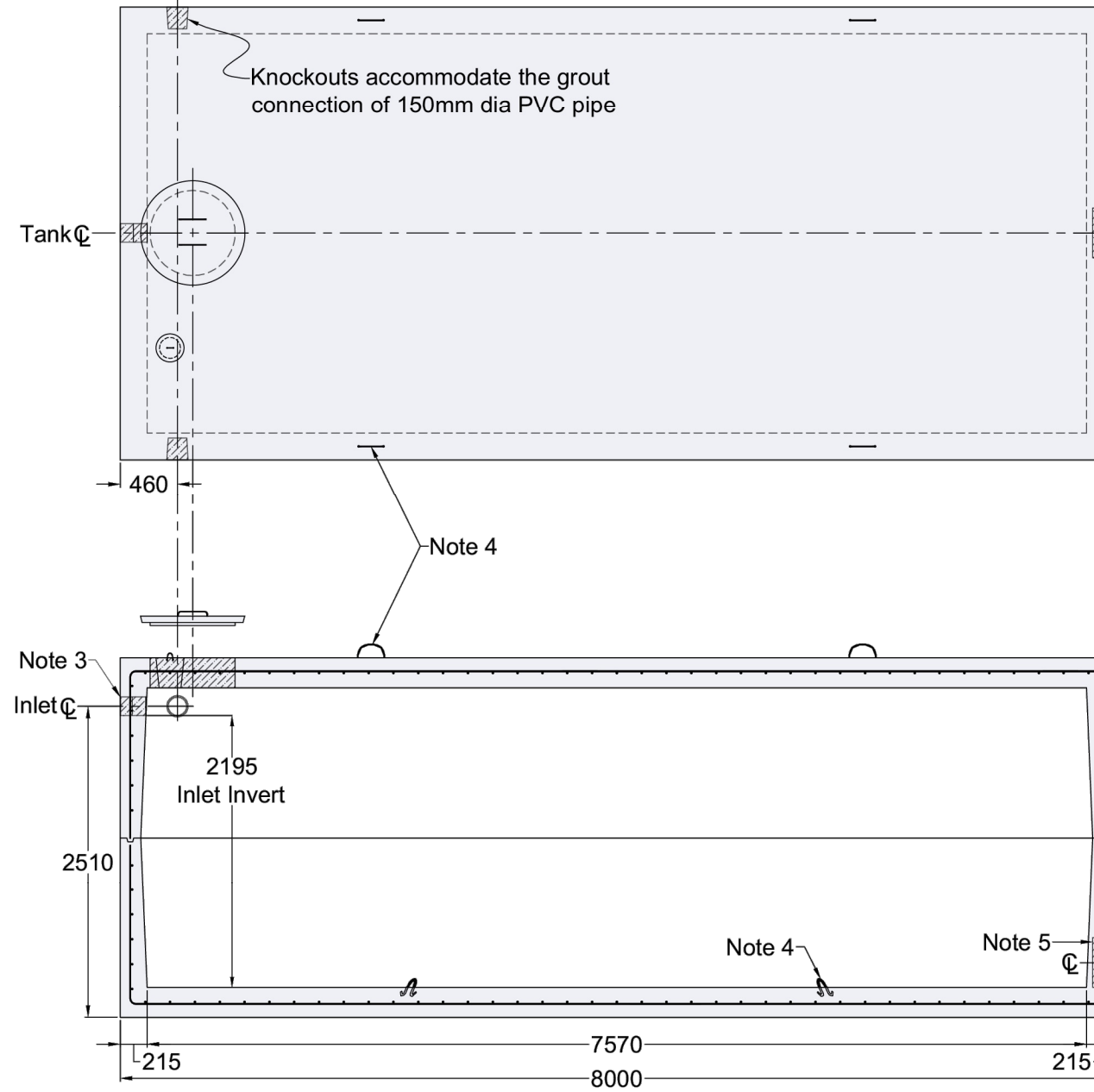
Top Section - 31,500 kg

Bottom Section - 31,500 kg

CAPACITY:

Per Vertical Metre - 24,917 Litres

To Underside of Roof Slab - 60,299 Litres

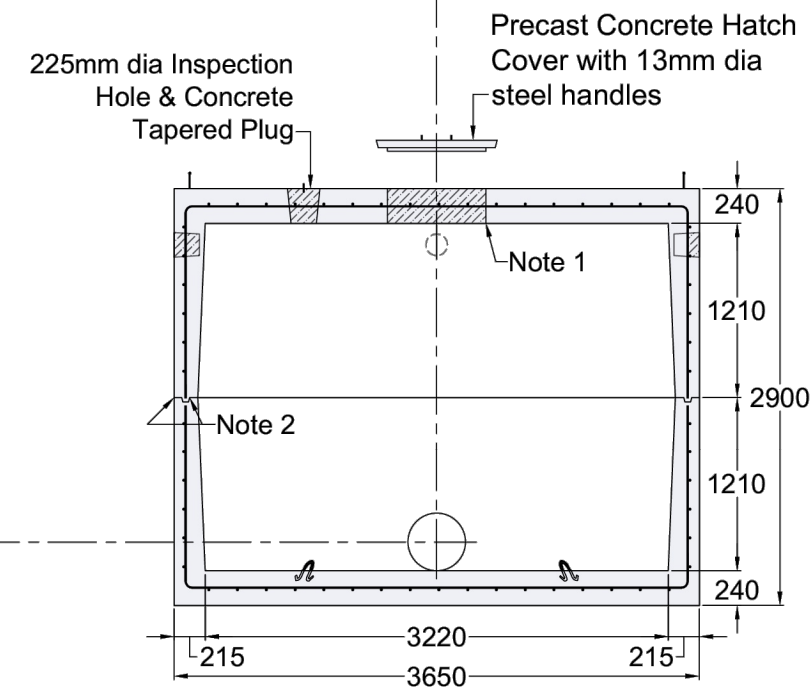


NOTES:

1. Large 685 mm diameter roof access openings facilitate tank maintenance. Unless otherwise specified when ordered this tank will be shipped with 840 mm diameter concrete roof access cover only. Please see [Access Riser](#) section for available riser & hatch options.
2. Close tolerance of tongue & groove joint & fibrous mastic sealant ensures a solid structural and watertight seal. Primer & Mastic Band are supplied with each tank for application to the external surface of the tank over the joint between sections. All sealant is to be applied by the installing contractor.
3. Flexible watertight inlet pipe connector to accommodate 150 mm diameter PVC pipe. Size and location of connections are customizable.
4. Top & bottom section lifting points four places.
5. Knockout suitable to accommodate a flexible, watertight pipe connectoin for 250, 275 or 300 mm diameter PVC pipe.

Some Available Options:

- Aluminum ladder rungs to the floor. Consult with the factory as to how this will effect the size and location of the access opening.
- Mechanical connection of the tank sections to enhance water tightness and resistance to frost heave.



Dimensions in mm
N.T.S.

*Product designed for a Maximum 1 Metre burial over the top slab in firm soil away from any area of vehicular traffic.

For recommended installation procedures refer to Wilkinson [Installation Guidelines](#).

WARNING! IMPROPER INSTALLATION ESPECIALLY IN UNSTABLE SOIL CAN RESULT IN THE STRUCTURAL FAILURE OF THIS PRODUCT

November 15, 2021

Municipality Notes

DRAWN

S.L./S.P.

DATE

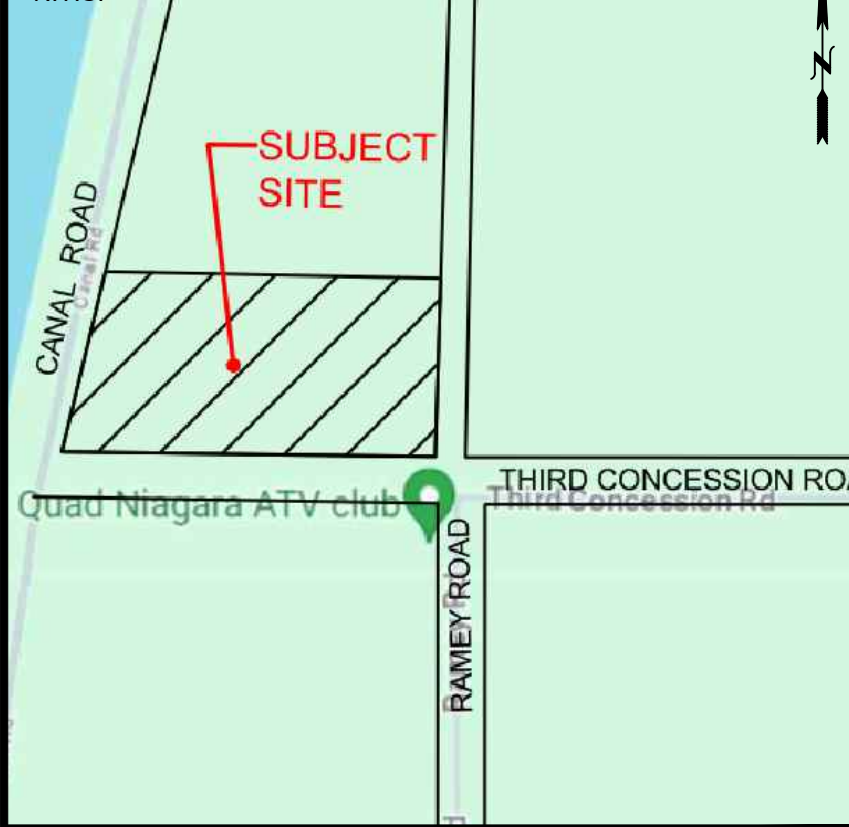
MAY 04, 2026

STAMP



KEY MAP

N.T.S.



KING E P C M

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Markham, ON, L3R 9Y5
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CLIENT

XUE JU (JACK) ZHENG
2789475 ONTARIO INC.

PROJECT NAME

0TH FORKS ROAD

PROJECT LOCATION

0TH FORKS ROAD
COLBORNE

PRINT TITLE

FIRE HYDRANT DETAIL

FILE No.

EGR - 1.5

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V1	ISSURED FOR PERMITS	APR 29, 2024	SL	TW
V4	ISSURED FOR PERMITS	JUN 26 2025	SP	AA
V5	ISSURED FOR PERMITS	JUL 22 2025	SP	TW
V7	ISSURED FOR PERMITS	JAN 07 2026	SP	TW
V10	ISSURED FOR PERMITS	MAY 04 2026	SP	TW