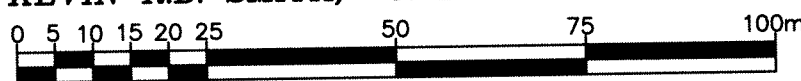


**PLAN OF SURVEY OF
PARTIAL BOUNDARY OF PART OF THE NORTH LIMIT OF LOT 24 AND
PART OF THE WEST LIMIT OF ELEPHANT LAKE ROAD
CONCESSION 9
AND ILLUSTRATING EXISTING AND PROPOSED IMPROVEMENTS
GEOGRAPHIC TOWNSHIP OF HARCOURT
MUNICIPALITY OF DYSART et al
COUNTY OF HALIBURTON
SCALE 1 : 1000
KEVIN R.D. SMITH, O. L. S.**



METRIC DISTANCES AND COORDINATES ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

NOTES

BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY STATIC GNSS OBSERVATIONS, SHOWN HEREON, BEARING OF N66°50'35"E, REFERRED TO THE CENTRAL MERIDIAN OF UTM ZONE 17 (81° WEST LONGITUDE) NAD 83 (CSRS) v7.1 EPOCH 2010. GNSS BASELINE POST PROCESSED FROM LEICA REFERENCE STATION - HALIBURTON. FOR BEARING COMPARISONS, A ROTATION OF 1°58'35" COUNTER CLOCKWISE WAS APPLIED TO BEARINGS ON PLANS 19R-387 & 19R-7388. DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 1.000164. BUILDING TIES ARE TAKEN TO FACE OF CONCRETE BLOCK & FRAME SIDING. BUILDING TIES ARE PERPENDICULAR TO PROPERTY LINES, UNLESS OTHERWISE NOTED. PROPERTY LINES ARE UNFENCED, UNLESS OTHERWISE NOTED. FENCES ARE LOCATED ON PROPERTY LINES, UNLESS OTHERWISE NOTED.

LEGEND

SYMBOL	DENOTES
■	SURVEY MONUMENT PLANTED
□	SURVEY MONUMENT FOUND
SIB	STANDARD IRON BAR 25mm x 25mm x 120cm
IB	IRON BAR 15mm x 15mm x 60cm
MEAS.	MEASURED
R.	ROTATED
P1	PLAN 19R-387
UP	UTILITY POLE
ORP	OBSERVED REFERENCE POINT
PSW	PROVINCIAL SIGNIFICANT WETLAND
RES	RIVERSTONE ENVIRONMENTAL SOLUTIONS INC.
(B&W)	BISHOP & WILSON LTD., O.L.S.
(P&P)	PIERCE & PIERCE, O.L.S.
(934)	H.C. BISHOP, O.L.S.
∅	DIAMETER
conc.	CONCRETE
---	BUILDING ENVELOPE LIMITS PROPOSED BY RES REPORT
---	LIMIT OF EXISTING EP ZONE
---	LIMIT OF PROPOSED EP ZONE

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:
1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT AND THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.
2. THIS SURVEY WAS COMPLETED ON THE 25th DAY OF MARCH, 2024.

DATE : MAY 16, 2024

KEVIN R.D. SMITH
ONTARIO LAND SURVEYOR

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P. A. MILLER SURVEYING LTD.
ONTARIO LAND SURVEYOR
P. O. BOX 520
STIRLING
(613) 385-3070

ASSOCIATION OF ONTARIO
LAND SURVEYORS
PLAN SUBMISSION FORM
V-73328

THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR
In accordance with Regulation 1026, Section 29(3).

OBSERVED REFERENCE POINTS (ORPs) DERIVED FROM STATIC GNSS OBSERVATIONS, BASELINE POST PROCESSED FROM LEICA REFERENCE STATION - HALIBURTON, UTM ZONE 17, NAD83 (CSRS) v7.1 EPOCH 2010. COORDINATES TO RURAL ACCURACY PER SEC. 14 (2) OF O.REG. 216/10.

POINT ID	NORTHING	EASTING
ORP A	5005057.40	723436.87
ORP B	5005196.65	723762.44
ORP C	5005129.60	723773.15

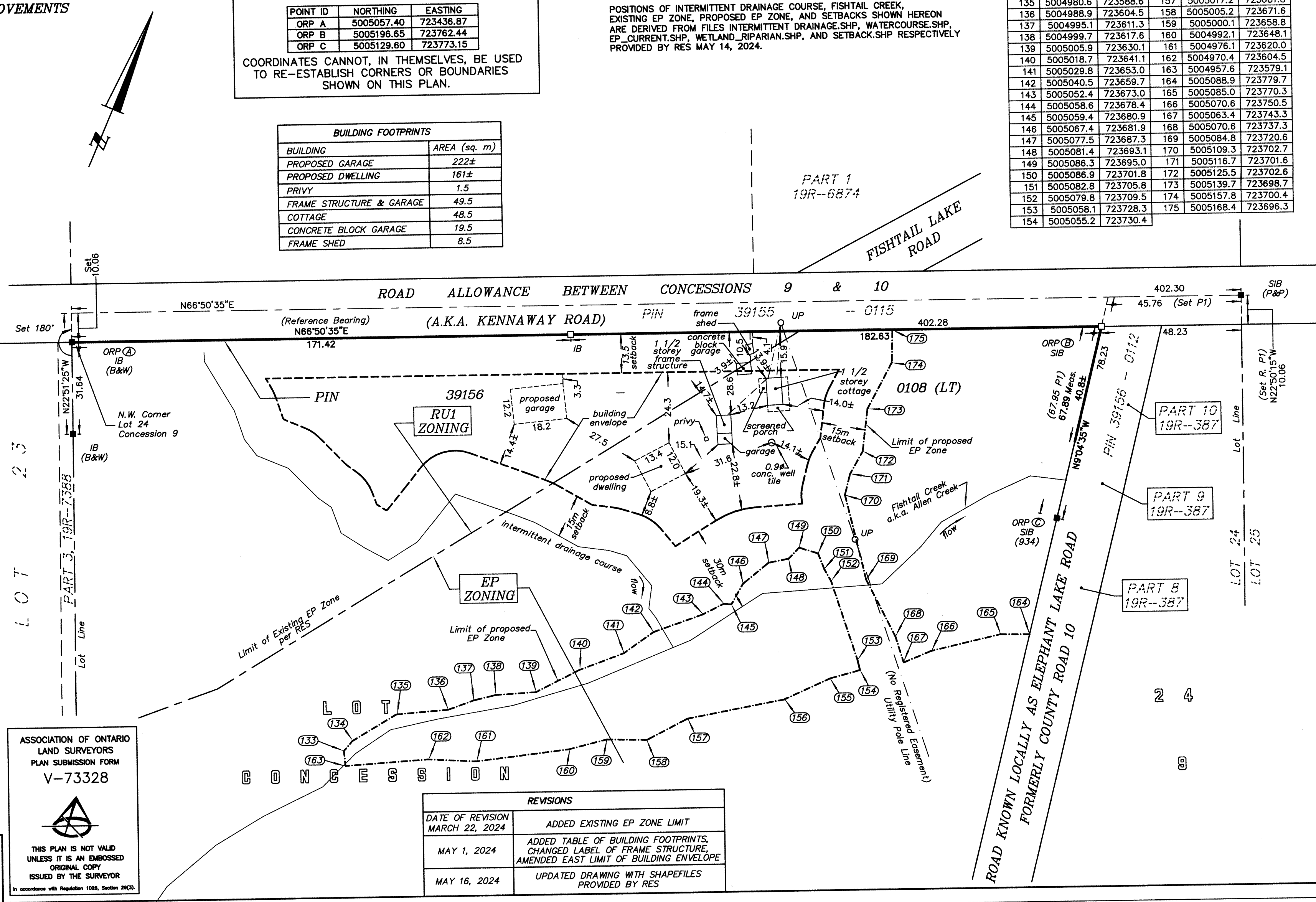
COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

BUILDING FOOTPRINTS	
BUILDING	AREA (sq. m)
PROPOSED GARAGE	222±
PROPOSED DWELLING	161±
PRIVY	1.5
FRAME STRUCTURE & GARAGE	49.5
COTTAGE	48.5
CONCRETE BLOCK GARAGE	19.5
FRAME SHED	8.5

NOTE

POSITIONS OF INTERMITTENT DRAINAGE COURSE, FISHTAIL CREEK, EXISTING EP ZONE, PROPOSED EP ZONE, AND SETBACKS SHOWN HEREON ARE DERIVED FROM FILES INTERMITTENT DRAINAGE.SHP, WATERCOURSE.SHP, EP_CURRENT.SHP, WETLAND_RIPARIAN.SHP, AND SETBACK.SHP RESPECTIVELY PROVIDED BY RES MAY 14, 2024.

COORDINATE TABLE PROPOSED LIMIT OF ENVIRONMENTAL PROTECTION ZONE					
Point	Northing	Easting	Point	Northing	Easting
133	5004962.1	723576.6	155	5005048.5	723721.9
134	5004966.5	723578.0	156	5005038.0	723710.1
135	5004980.6	723588.6	157	5005017.2	723681.8
136	5004988.9	723604.5	158	5005005.2	723671.6
137	5004995.1	723611.3	159	5005000.1	723658.8
138	5004999.7	723617.6	160	5004992.1	723648.1
139	5005005.9	723630.1	161	5004976.1	723620.0
140	5005018.7	723641.1	162	5004970.4	723604.5
141	5005029.8	723653.0	163	5004957.6	723579.1
142	5005040.5	723659.7	164	5005088.9	723779.7
143	5005052.4	723673.0	165	5005085.0	723770.3
144	5005058.6	723678.4	166	5005070.6	723750.5
145	5005059.4	723680.9	167	5005063.4	723743.3
146	5005067.4	723681.9	168	5005070.6	723737.3
147	5005077.5	723687.3	169	5005084.8	723720.6
148	5005081.4	723693.1	170	5005109.3	723702.7
149	5005086.3	723695.0	171	5005116.7	723701.6
150	5005086.9	723701.8	172	5005125.5	723702.6
151	5005082.8	723705.8	173	5005139.7	723698.7
152	5005079.8	723709.5	174	5005157.8	723700.4
153	5005058.1	723728.3	175	5005168.4	723696.3
154	5005055.2	723730.4			



REVISIONS	
DATE OF REVISION	DESCRIPTION
MARCH 22, 2024	ADDED EXISTING EP ZONE LIMIT
MAY 1, 2024	ADDED TABLE OF BUILDING FOOTPRINTS, CHANGED LABEL OF FRAME STRUCTURE, AMENDED EAST LIMIT OF BUILDING ENVELOPE
MAY 16, 2024	UPDATED DRAWING WITH SHAPEFILES PROVIDED BY RES