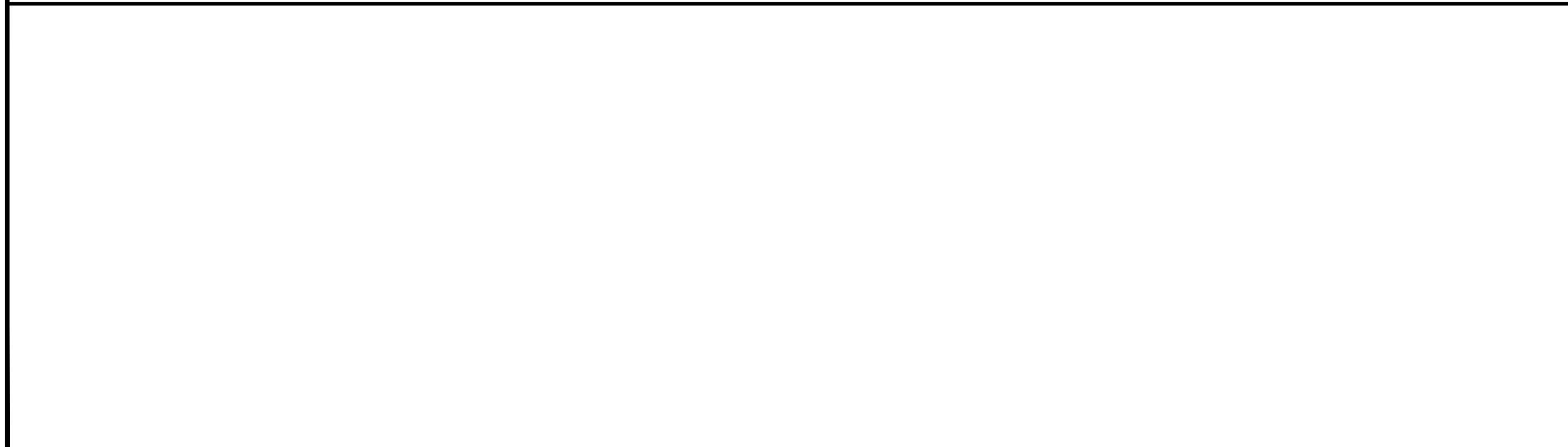
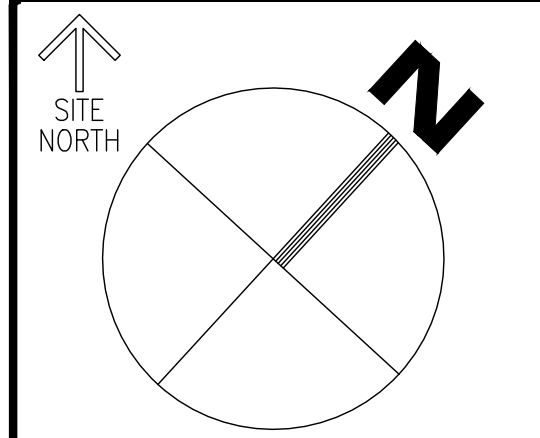
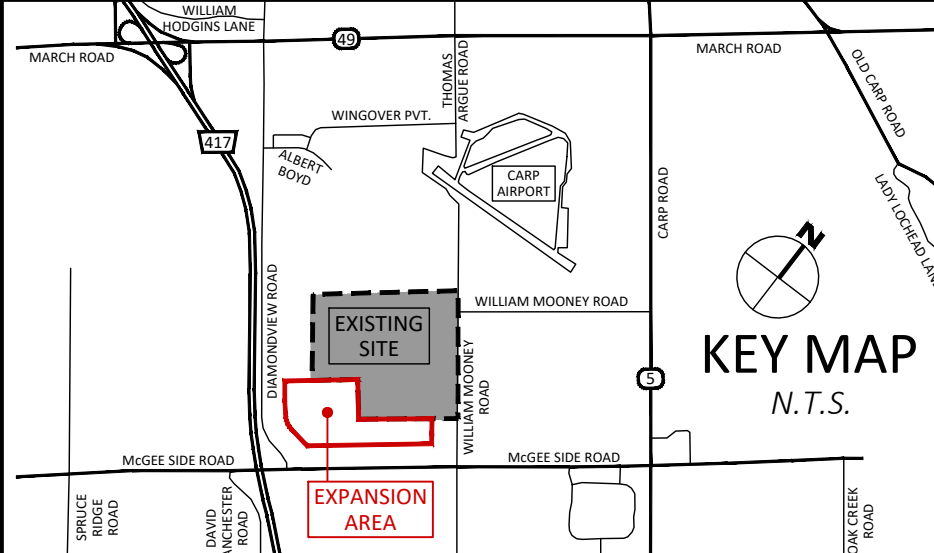




LEGEND	
	EXISTING SURFACE WATER DRAINAGE
	EXISTING BUILDING
	EXISTING SITE ENTRANCE/EXIT
	EXISTING GATE
	APPROXIMATE EXISTING LEGAL FABRIC
	EXISTING POST AND WIRE FENCE
	120m LICENCE OFFSET
	LICENCE BOUNDARY
	EXTRACTION BOUNDARY
	MUNICIPAL ROAD
	EXISTING TRAIL / ACCESS ROAD
	EXISTING TREE COVER
	± EXISTING TOP OF EXCAVATION SLOPE
	EXISTING GROUND CONTOURS (FROM TEC-SURVEY)
	EXISTING MONITORING WELL (FROM GRI INC)
	EXISTING STOCKPILE
	± EXISTING STANDING WATER (FROM AERIAL IMAGERY)
	± EXISTING DITCH

- SITE PLAN GENERAL NOTES:**
- A KEYMAP SHOWING THE LOCATION OF THE PROPOSED SITE IS LOCATED IN THE TOP RIGHT CORNER OF ALL DRAWINGS.
 - GENERAL DESCRIPTION OF THE SITE:
PART OF LOT 11, CONCESSION 4,
GEOGRAPHIC TOWNSHIP OF HUNTLEY,
FORMERLY THE TOWNSHIP OF WEST CARLETON,
NOW IN THE CITY OF OTTAWA
1200 DIAMONDVIEW ROAD MUNICIPAL ADDRESS
 - UTM EASTING AND NORTHING COORDINATES FOR EVERY CORNER OF THE PROPOSED SITE BOUNDARY AND CENTRE POINT OF EVERY ENTRANCE AND EXIT WHERE IT INTERSECTS THE SITE BOUNDARY ARE SHOWN ON ALL DRAWINGS.
 - SCALE REFERENCES USING BOTH RATIO AND GRAPHIC METHODS ARE LOCATED ON THE RIGHT SIDE OF ALL DRAWINGS.
 - THE APPLICANT'S NAME AND ADDRESS IS LOCATED ON THE RIGHT SIDE OF ALL DRAWINGS. THE APPLICANT'S SIGNATURE IS LOCATED ON THE RIGHT SIDE OF THIS DRAWING.
 - NOT APPLICABLE.
 - THE NAME AND SIGNATURE OF THE PERSON UNDER WHOSE DIRECTION THIS PLAN WAS PREPARED AND CERTIFIED CAN BE FOUND ON THE RIGHT SIDE OF ALL DRAWINGS.
 - THIS SITE PLAN IS PREPARED UNDER THE AGGREGATE RESOURCES ACT FOR A CLASS A LICENCE FOR A PIT BELOW THE GROUND WATER TABLE.
 - A NORTH ARROW IS LOCATED IN THE TOP LEFT CORNER OF ALL DRAWINGS.
 - A SCHEDULE FOR RECORDING SITE PLAN AMENDMENTS IS LOCATED ON THE RIGHT SIDE OF ALL DRAWINGS.
 - A LEGEND IS LOCATED ON THE BOTTOM OF ALL DRAWINGS.
 - THE NEW TOTAL LICENCE AREA IS 4/113.3 HECTARES, LOCATED AND DIMENSIONED ON THE DRAWINGS.
 - APPROXIMATE LOT AND CONCESSION LINES ARE SHOWN ON ALL DRAWINGS.
 - THIS SITE PLAN WAS PREPARED USING THE FOLLOWING RESOURCES:
 - EXISTING 'MCGEE PIT' SITE PLAN BY HOWATECH ENGINEERING CONSULTANTS LTD. (ARA No. 624971, APPROVED BY MAY 6, 2010).
 - TOPOGRAPHIC MAPPING AND DIGITAL IMAGERY PROVIDED BY TEC-SURVEY (DEC.18, 2020).
 - BOUNDARY SURVEY INFORMATION PROVIDED BY KARSON HOLDINGS INC. (NOV.03,2022).
 - CITY OF OTTAWA ZONING.
 - NATURAL ENVIRONMENT TECHNICAL REPORT - PREPARED BY ECOLOGICAL SERVICES (JANUARY 13, 2026).
 - NOISE STUDY REPORT - PREPARED BY FREEFIELD LTD. (JUNE 29, 2023).
 - ARCHAEOLOGICAL STAGE 1 REPORT - PREPARED BY MATRIX HERITAGE (APRIL 2021).
 - ARCHAEOLOGICAL STAGE 2 REPORT - PREPARED BY MATRIX HERITAGE (DECEMBER 2022).
 - HYDROGEOLOGICAL ASSESSMENT - PREPARED BY GRI INC. (JULY 17, 2025).
 - ANY BOUNDARY AND/OR TITLE AREA INFORMATION SHOWN ON THIS SITE PLAN IS COMPILED FROM THE SOURCES RECITED ABOVE, FOR THE PURPOSES OF THE AGGREGATE RESOURCES ACT. EGIS DOES NOT CERTIFY THAT THE BOUNDARIES OF THE PROPERTY SHOWN ON THIS PLAN ARE ACCURATE WITHIN THE MEANING OF THE SURVEYS ACT. PROPER LEGAL SURVEY RE-ESTABLISHMENT OF ANY BOUNDARY LOCATIONS OF PROPERTIES ON THIS PLAN MUST BE COMPLETED BY AN ONTARIO LAND SURVEYOR WORKING WITHIN THE SURVEYS ACT, SURVEYOR'S ACT, AND LAND TITLES OR REGISTRY ACT AND REGULATIONS MADE THEREUNDER.
 - EXISTING ZONING OF LAND ON AND WITHIN 120 METRES OF THE SITE IS SHOWN ON THE PLAN. ZONING IS BASED ON THE CITY OF OTTAWA ZONING BY-LAWS. ZONING DESCRIPTIONS ARE DEPICTED ON THE PLAN.
 - EXISTING USE OF LAND ON AND WITHIN 120 METRES OF THE SITE IS SHOWN ON THE PLAN.
 - THE MAXIMUM PREDICTED WATER TABLE AT THE SITE BASED ON THE GROUNDWATER ELEVATIONS MEASURED IN THE ONSITE MONITORING WELLS FROM JANUARY 2021 TO DECEMBER 2024 WAS 119.52 METRES ABOVE SEA LEVEL (MASL), MEASURED AT MW8 ON APRIL 28, 2023. HOWEVER, THE ELEVATIONS MEASURED AT MW1 AND MW8 IN APRIL AND MAY 2023 WERE HIGHER, PROPORTIONALLY, IN COMPARISON TO THE OTHER WELLS. IN THE EXPANSION AREA ONLY, THE GROUNDWATER TABLE WOULD BE MORE ACCURATELY BE 118 MASL. HOWEVER, BASED ON ALL THE SITE DATA FROM THE PAST SEVERAL YEARS, IT IS RECOMMENDED AN AVERAGE WATER TABLE FOR THE ENTIRE SITE OF 117.75 MASL BE USED. THIS IS THE CALCULATED FINAL LAKE LEVEL. OVER THE SITE, SEEPAGE MAY BE ENCOUNTERED AT DIFFERENT LEVELS SINCE THE UNCONFINED GROUNDWATER SURFACE WAS FOUND TO SLOPE FROM SOUTH TO NORTH.
 - THE EXISTING MCGEE PIT HOLDS A CURRENT PERMIT TO TAKE WATER (PTTW), PERMIT NUMBER P-300-5229047655, AND ENVIRONMENTAL COMPLIANCE APPROVAL (ECA). ECA NUMBER 1 HAS BEEN APPROVED BY THE CITY OF OTTAWA AND WILL ONLY BE CONSTRUCTED FOR THE PURPOSES OF LOCAL PRODUCT DELIVERIES TO DIAMONDVIEW ROAD, IF OPERATOR DEEMS FEASIBLE.
 - THE EXISTING MCGEE PIT SITE CURRENTLY HAS TWO OPERATIONAL ENTRANCE/EXIT LOCATIONS AS SHOWN ON THE PLAN.
ENTRANCE # 1 IS LOCATED IN THE NORTH PORTION OF THE SITE TO WILLIAM MOONEY DRIVE. THIS ENTRANCE IS CONSIDERED THE PRIMARY ACCESS AND IS CURRENTLY EQUIPPED WITH A LOCKABLE GATE.
ENTRANCE # 2 IS LOCATED IN THE WEST PORTION OF THE SITE. THIS IS A POTENTIAL FUTURE ACCESS TO DIAMONDVIEW ROAD AND IS NOT CURRENTLY ACTIVE. ENTRANCE # 2 HAS BEEN APPROVED BY THE CITY OF OTTAWA AND WILL ONLY BE CONSTRUCTED FOR THE PURPOSES OF LOCAL PRODUCT DELIVERIES TO DIAMONDVIEW ROAD, IF OPERATOR DEEMS FEASIBLE.
 - AN EXISTING SECONDARY ENTRANCE IS LOCATED IN THE WEST PORTION OF THE SITE TO DIAMONDVIEW ROAD AND IS CURRENTLY EQUIPPED WITH A LOCKABLE GATE. THERE IS NO OPERATIONAL ACCESS FROM THE EXISTING SECONDARY ENTRANCE.
 - SIGNIFICANT NATURAL FEATURES ON AND WITHIN 120 METRES OF THE SITE ARE SHOWN ON THE PLAN.
 - SIGNIFICANT HUMAN-MADE FEATURES ON AND WITHIN 120 METRES OF THE SITE ARE SHOWN ON THE PLAN. THE CURRENT MCGEE PIT HAS A LICENSED PIT HAS A LICENSED AREA OF 38.9 HECTARES, THERE ARE 2 RESIDENTIAL DEVELOPMENTS ADJACENT TO THE EASTERLY PORTION OF THE SITE AS WELL AS STRIP RESIDENTIAL DEVELOPMENT SOUTHEAST OF THE SITE (BEYOND 150 METRES OF THE SITE).
 - THE LOCATION AND USE OF ALL BUILDINGS AND OTHER STRUCTURES EXISTING ON AND WITHIN 120 METRES OF THE SITE ARE SHOWN ON THE PLAN.
 - THE EXISTING TOPOGRAPHY OF THE SITE IS ILLUSTRATED ON THE PLAN AS ONE METRE CONTOUR INTERVALS EXPRESSED AS METRES ABOVE MEAN SEA LEVEL (ASL).
 - THE EXISTING SITE IS RELATIVELY FLAT WITH EXISTING SURFACE WATER DRAINAGE GENERALLY TO THE WEST. THE MAJORITY OF SURFACE WATER DRAINAGE OUTSIDE THE EXISTING MCGEE PIT EXTRACTION AREA IS DRAINING TO THE WEST OR COLLECTED IN THE EXISTING DITCH NOTED ON THE PLAN AND THEN DIRECTED WEST WHERE IT OUTLETS TO THE EXISTING DRAINAGE SYSTEM AT DIAMONDVIEW ROAD. ADDITIONAL SURFACE WATER IS RETAINED WITHIN THE EXISTING MCGEE PIT AREA OF EXTRACTION. THE CURRENT PIT UTILIZES A PUMPING SYSTEM TO REMOVE THE RETAINED WATER FROM THE EXISTING EXTRACTION AREA (MOECP PTTW NUMBER 2341-BM8KP0). THE PUMPING SYSTEM FOR DEWATERING THE EXISTING EXTRACTION AREA UTILIZES A SERIES OF SEDIMENTATION PONDS AND SALTATION CONTROLS TO COLLECT SEDIMENT AT THE OUTLET PRIOR TO DISCHARGING TO THE EXISTING DRAINAGE SYSTEM ALONG THE NORTH BOUNDARY OF THE SITE. SURFACE WATER DRAINAGE DIRECTIONS AND DRAINAGE FACILITIES ON AND WITHIN 120 METRES OF THE SITE ARE SHOWN ON THE PLAN. SEASONALLY, THE DRAINAGE MAY BE INFLUENCED SLIGHTLY BY THE GROUNDWATER LOWERING OF THE OPERATION. ANY REDIRECTED WATER WILL CONTINUE TO BE DISCHARGED THROUGH THE SETTLING PONDS AND DISCHARGED IN THE SAME MANNER AS CURRENTLY OCCURS. THE ECA FOR THE EXISTING MCGEE PIT PROVIDES CONDITIONS FOR MANAGING DOWNSTREAM FLOODING DUE TO THE PIT DISCHARGE.
 - EXISTING TREE COVER LOCATIONS ON SITE AND WITHIN 120 METRES OF THE SITE ARE SHOWN ON THE PLAN. THE MAJORITY OF EXISTING TREE COVER HAS BEEN REMOVED IN THE EXTRACTION AREAS OF THE EXISTING SITE LICENCE. THE MAJORITY OF THE EXPANSION AREA CONTAINS A MIXED DECIDUOUS HARDWOOD BUSH WITH A RED PINE PLANTATION EXISTING OVERLYING THE CORE AREA OF THE PRIMARY SAND DEPOSIT. TREES ARE VISIBLE IN THE SATELLITE IMAGE ON THE EXISTING FEATURES DRAWING.
 - AN EXISTING POST AND WIRE FENCE IS LOCATED ALONG THE EAST BOUNDARY OF THE EXISTING MCGEE PIT SITE, ADJACENT TO WILLIAM MOONEY DRIVE, AS SHOWN ON THE PLAN. THERE IS NO EXISTING FENCE ALONG THE REMAINDER OF THE EXISTING MCGEE PIT LICENCE BOUNDARY.
- EXISTING FEATURES FOR SITES THAT HAVE BEEN PREVIOUSLY EXCAVATED:**
- EXISTING EXCAVATION FACES ARE SHOWN ON THE PLAN. THERE ARE NO FINAL REHABILITATED AREAS ON THE SITE.
 - NO RECYCLABLE MATERIALS ARE CURRENTLY STORED ON SITE.
 - THE EXISTING FUEL STORAGE LOCATION IS SHOWN ON THE PLAN.
 - PORTABLE PROCESSING EQUIPMENT IS CURRENTLY OPERATED ON THE EXISTING MCGEE PIT SITE, ON THE PIT FLOOR IN CLOSE PROXIMITY TO THE WORKING FACE AND/OR MATERIAL STOCKPILES. LOCATIONS VARY AS MATERIAL IS REQUIRED.
 - EXISTING BERMS AND HEIGHTS ARE SHOWN ON THE PLAN.
 - PORTABLE PROCESSING EQUIPMENT IS CURRENTLY OPERATED ON THE EXISTING MCGEE PIT SITE, ON THE PIT FLOOR IN CLOSE PROXIMITY TO THE WORKING FACE AND/OR MATERIAL STOCKPILES. LOCATIONS VARY AS MATERIAL IS REQUIRED.



LOCATION OF SITE
PART OF LOT 11 & LOT 12, CONCESSION 4
GEOGRAPHIC TOWNSHIP OF HUNTLEY
FORMERLY THE TOWNSHIP OF WEST CARLETON
NOW CITY OF OTTAWA

APPLICANT AND PROPERTY OWNER
KARSON HOLDINGS INC.
3725 CARP ROAD
PO BOX 517
CARP, ONTARIO, K0A 1L0

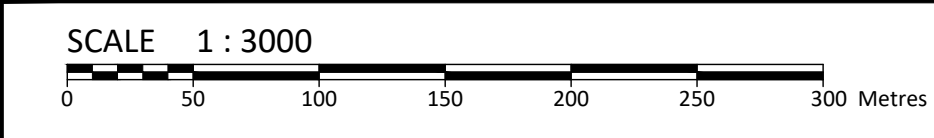
MAR.23.2026
DATE
I HAVE THE AUTHORITY TO BIND THE CORPORATION

PLAN CERTIFICATION
I HEREBY CERTIFY THAT THIS SITE PLAN WAS PRODUCED UNDER MY SUPERVISION.

MAR.23.2026
DATE
MARK PRIDDLE, P.GEO.

AREAS	
DESCRIPTION	AREA(ha)
EXISTING MCGEE PIT LICENCE AREA	± 81.9
EXPANSION LICENCE AREA	± 31.4
NEW TOTAL LICENCE AREA	± 113.3
NEW TOTAL EXTRACTION AREA	± 104.9

BOUNDARIES
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No.	Amendments	Date

Check and verify all dimensions before proceeding with the work
Do not scale drawings

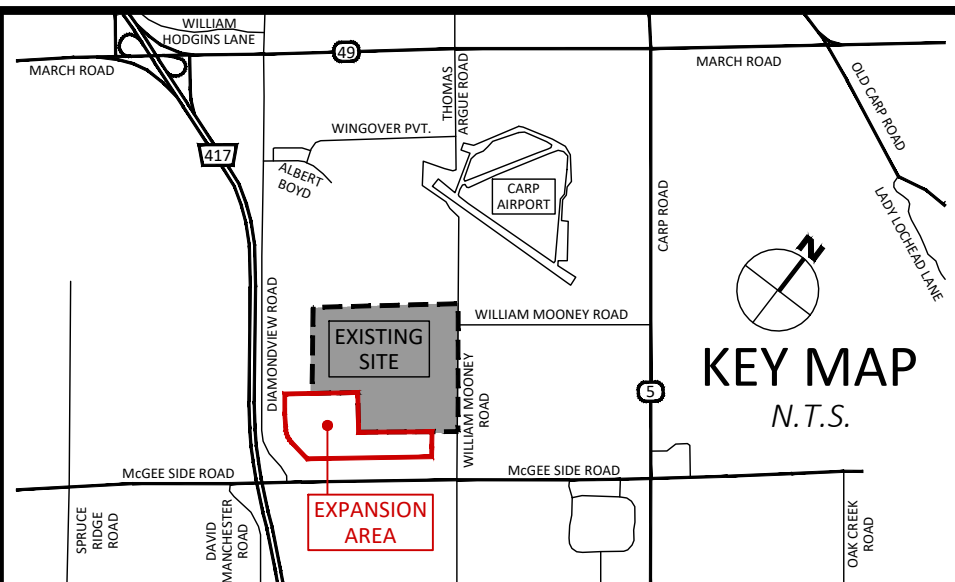
750 Palladium Drive, Suite 310
Kanata, ON K2V 1C7
Tel: 613-836-2184
Fax: 613-836-3742
www.egis-group.com

Client:
KARSON HOLDING INC.
2300 CARP ROAD, CARP, ONTARIO K0A 1L0

Project:
McGEE PIT
LICENCE NO. 624971
CLASS "A" PIT BELOW WATER

Drawing Title:
EXISTING FEATURES PLAN

Scale: 1:3000 (METRIC)	Project Number: CCO-22-1195
Drawn by: SH	Drawing Number: 01
Checked By: MP	Sheet 1 of 5
Date: MAR.23.2026	



PART OF LOT 11 & LOT 12, CONCESSION 4
GEOGRAPHIC TOWNSHIP OF HUNTLEY
FORMERLY THE TOWNSHIP OF WEST CARLETON
NOW CITY OF OTTAWA

KARSON HOLDINGS INC.
3725 CARP ROAD
PO BOX 517
CARP, ONTARIO, K0A 1L0


I HAVE THE AUTHORITY TO BIND
THE CORPORATION

I HEREBY CERTIFY THAT THIS SITE PLAN WAS PRODUCED
UNDER MY SUPERVISION.

MARK PRIDDLE, P.GEO.

DESCRIPTION	AREA(ha)
EXISTING McGEE PIT LICENCE AREA	± 81.9
EXPANSION LICENCE AREA	± 31.4
NEW TOTAL LICENCE AREA	± 113.3
NEW TOTAL EXTRACTION AREA	± 104.9

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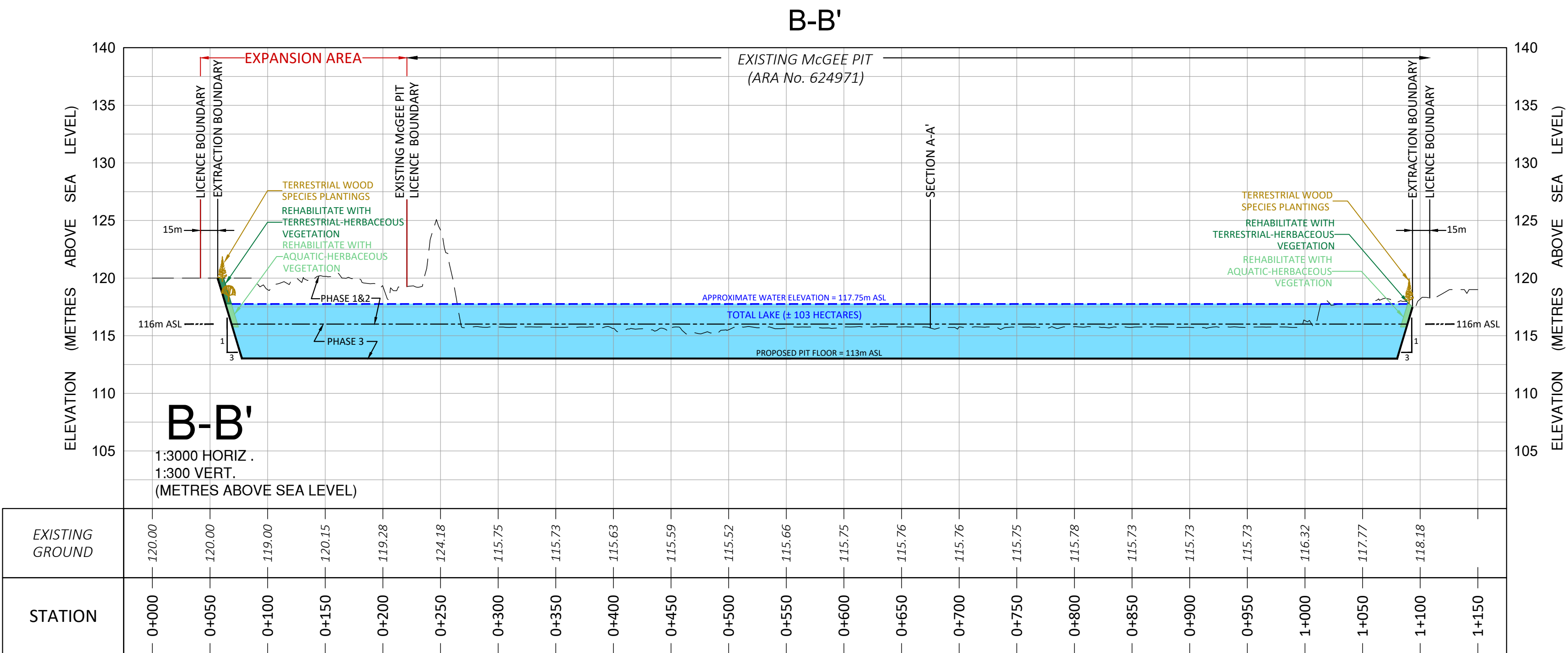
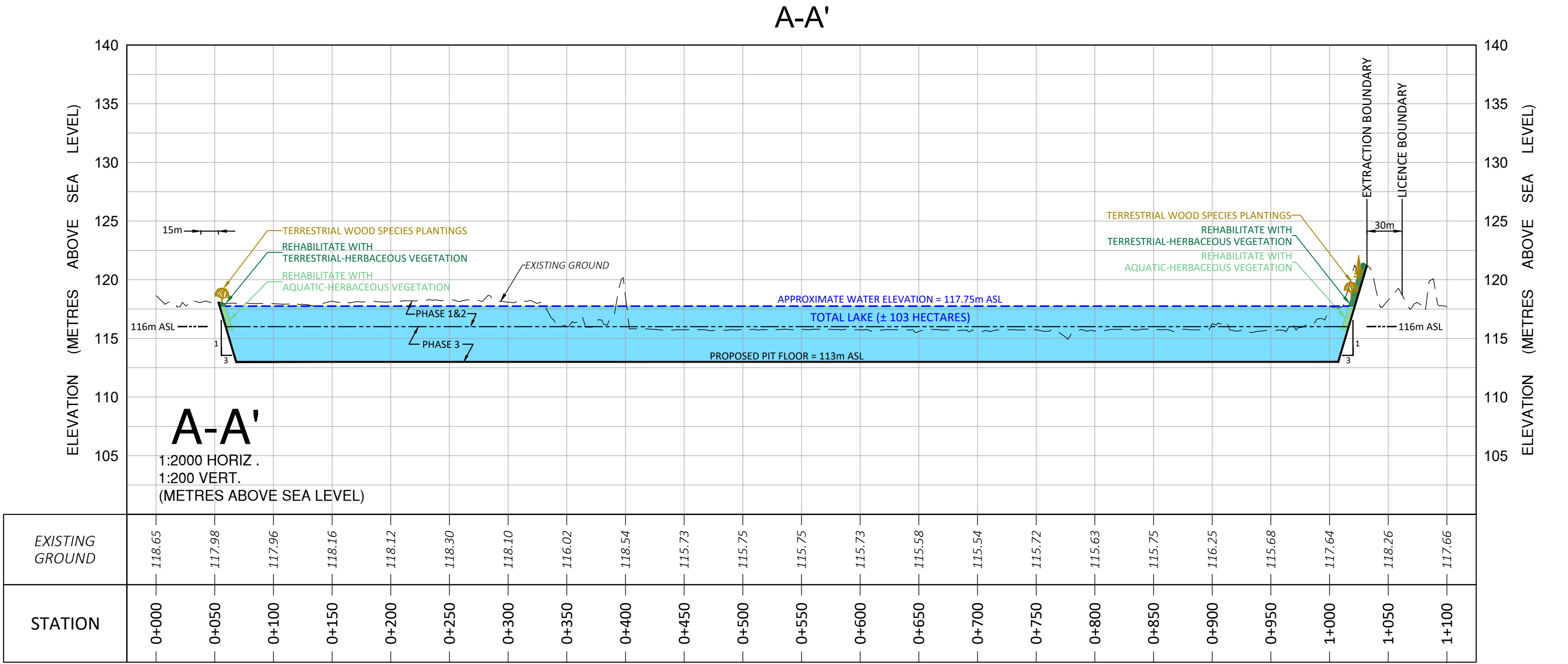


KARSON HOLDING INC.
2300 CARP ROAD, CARP, ONTARIO K0A 1L0

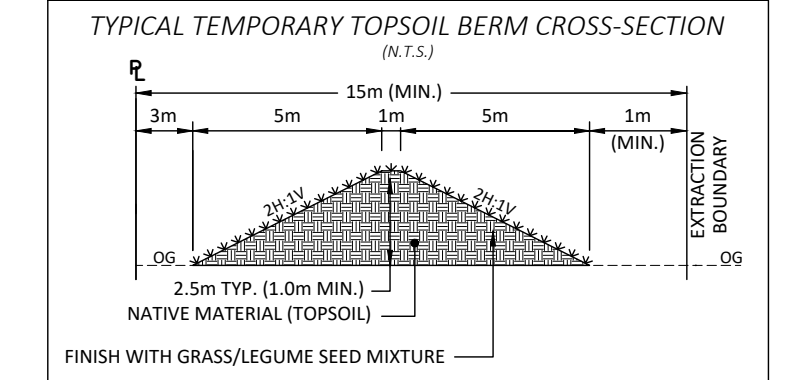
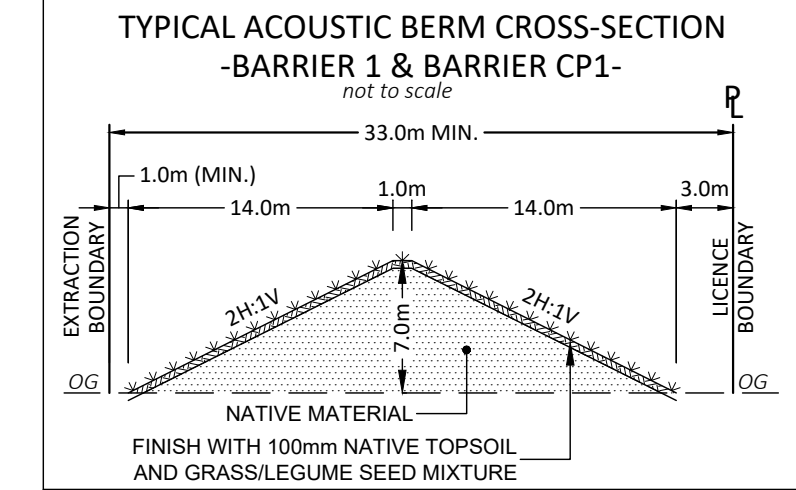
McGEE PIT
LICENCE NO. 624971
CLASS "A" PIT BELOW WATER

Scale: 1:3000 (METRIC)	Project Number: CCO-22-1195
Drawn by: SH	
Checked By: MP	Drawing Number:
Date: MAR.23.2026	Sheet 3 of 5

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LAST SAVED: Wednesday, March 23, 2026 1:05:10 PM
LAST PLOTTED: Wednesday, March 25, 2026 1:05:10 PM
CITE FILE USED: ---



- CROSS SECTIONS:**
69. THE LOCATION OF THE CROSS SECTIONS ARE SHOWN ON DRAWINGS 01 TO 03.
70. CROSS SECTIONS ARE SCALED AT 1:3000 HORIZONTAL AND 1:300 VERTICAL AS NOTED ON THE CROSS SECTIONS.
71. EXISTING CONDITIONS, FINAL REHABILITATED SITE, FINAL GRADES AND FINAL FLOOR ELEVATIONS ARE SHOWN ON THE TWO CROSS ON THIS DRAWING.
72. THE MAXIMUM PREDICTED WATER TABLE AT THE SITE BASED ON THE GROUNDWATER ELEVATIONS MEASURED IN THE ONSITE MONITORING WELLS FROM JANUARY 2021 TO DECEMBER 2024 WAS 119.52 METRES ABOVE SEA LEVEL (MASL), MEASURED AT MW8 ON APRIL 28, 2023. HOWEVER, THE ELEVATIONS MEASURED AT MW7 AND MW8 IN APRIL AND MAY 2023 WERE HIGHER, PROPORTIONALLY, IN COMPARISON TO THE OTHER WELLS. IN THE EXPANSION AREA ONLY, THE GROUNDWATER TABLE WOULD BE MORE ACCURATELY BE 118 MASL. HOWEVER, BASED ON ALL THE SITE DATA FROM THE PAST SEVERAL YEARS, IT IS RECOMMENDED AN AVERAGE WATER TABLE FOR THE ENTIRE SITE OF 117.75 MASL BE USED. THIS IS THE CALCULATED FINAL LAKE LEVEL. OVER THE SITE, SEEPAGE MAY BE ENCOUNTERED AT DIFFERENT LEVELS SINCE THE UNCONFINED GROUNDWATER SURFACE WAS FOUND TO SLOPE FROM SOUTH TO NORTH.
- 73.



LOCATION OF SITE
PART OF LOT 11 & LOT 12, CONCESSION 4
GEOGRAPHIC TOWNSHIP OF HUNTLEY
FORMERLY THE TOWNSHIP OF WEST CARLETON
NOW CITY OF OTTAWA

APPLICANT AND PROPERTY OWNER
KARSON HOLDINGS INC.
3725 CARP ROAD
PO BOX 517
CARP, ONTARIO, K0A 1L0

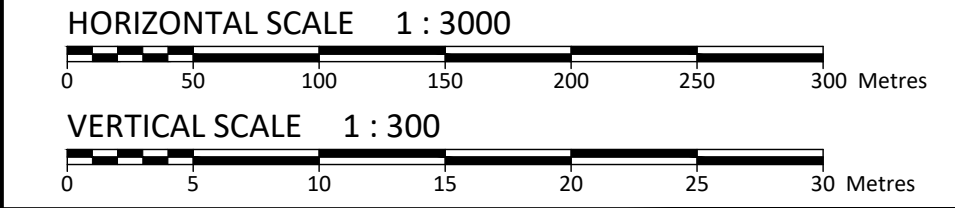
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DATE
MARK PRIDDLE, P.GEO.

AREAS	
DESCRIPTION	AREA(ha)
EXISTING MCGEE PIT LICENCE AREA	± 81.9
EXPANSION LICENCE AREA	± 31.4
NEW TOTAL LICENCE AREA	± 113.3
NEW TOTAL EXTRACTION AREA	± 104.9

BOUNDARIES
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No.	Amendments	Date

Check and verify all dimensions before proceeding with the work Do not scale drawings

egis 750 Palladium Drive, Suite 310
Kanata, ON K2V 1C7
Tel: 613-836-2184
Fax: 613-836-3742
www.egis-group.com

Client: **KARSON HOLDING INC.**
2300 CARP ROAD, CARP, ONTARIO K0A 1L0

Project: **McGEE PIT
LICENCE NO. 624971
CLASS "A" PIT BELOW WATER**

Drawing Title: **CROSS-SECTIONS**

Scale: 1:3000 (METRIC)	Project Number: CCO-22-1195
Drawn by: SH	
Checked By: MP	Drawing Number:
Date: MAR.23.2026	Sheet 4 of 5

NOTE: THE TECHNICAL REPORT RECOMMENDATIONS AND ADAPTIVE MANAGEMENT PLAN WORDING HAVE BEEN MODIFIED TO MAKE CONDITIONS UNAMBIGUOUS AND ENFORCEABLE.

ACOUSTIC ASSESSMENT FOR THE McGEE PIT EXPANSION AREA:

7.0 MITIGATION MEASURES (SITE PLAN RECOMMENDATIONS)

NOISE MITIGATION MEASURES FOR THE PIT OPERATIONS ARE DETAILED BELOW. IT IS RECOMMENDED THAT THESE MEASURES BE INCLUDED ON THE OFFICIAL ARA SITE PLAN FOR THE PIT. THE PREDICTED NOISE IMPACTS IN TABLES A2.8.1 TO A2.8.6 ARE BASED ON THE IMPLEMENTATION OF THE FOLLOWING MITIGATION MEASURES:

THE PREDICTED NOISE IMPACTS IN TABLES A2.8.1 TO A2.8.4 ARE BASED ON THE IMPLEMENTATION OF THE FOLLOWING MITIGATION MEASURES:

7.1 NOISE BARRIERS AND BERMS:

- 7.1.1 NOISE BARRIERS AND BERMS ARE TO BE PROVIDED AS PER TABLE 7 AND FIGURE 9 AND 10.
- 7.1.2 NOISE BARRIERS AND BERMS ARE TO BE SOLID, HAVING NO GAPS, AND ARE TO HAVE A SURFACE DENSITY OF NO LESS THAN 20 KG/M2. EXAMPLES OF SUITABLE BARRIERS OR BERMS ARE AS FOLLOW:
 - 7.1.2.1 LIFT FACE OR EXISTING TERRAIN;
 - 7.1.2.2 EARTH, GRAVEL OR AGGREGATE BERMS OR STOCKPILES;
 - 7.1.2.3 CONCRETE OR BRICK WALLS
 - 7.1.2.4 COMMERCIAL NOISE BARRIERS;
 - 7.1.2.5 SHIPPING CONTAINERS OR BUILDINGS;
 - 7.1.2.6 A PORTABLE BARRIER SUCH AS A TRUCK TRAILER EQUIPPED WITH MOVABLE FLAPS TO BLOCK THE SPACE BETWEEN THE GROUND AND THE BOTTOM OF THE TRAILER AND INCREASE HEIGHT IF REQUIRED.

7.2 MOBILE SCREENING PLANT:

- 7.2.1 THE OPERATION OF THE SCREENING PLANT (SCREENER) MAY TAKE PLACE DURING THE DAYTIME AND EVENING PERIOD (07:00 TO 21:00) AND SHALL COMPLY WITH THE FOLLOWING:
 - 7.2.1.1 THE SCREENER IS TO BE LOCATED IN THE DESIGNATED PROCESSING AREA ON THE PIT FLOOR AT A MAXIMUM ELEVATION OF 117 MASL AS SHOWN ON FIGURE 2, 3, 5 AND 6.
 - 7.2.1.2 THE SCREENER IS NOT TO OPERATE CONCURRENTLY WITH THE MOBILE CRUSHING PLANT OR THE MOBILE WASH PLANT DURING THE EVENING PERIOD (19:00 21:00).

7.3 MOBILE WASH PLANT SCREENING PLANT:

- 7.3.1 THE OPERATION OF THE MOBILE WASH PLANT (WASH PLANT) AND ASSOCIATED DIESEL GENERATOR MAY TAKE PLACE DURING THE DAYTIME AND EVENING PERIOD (07:00 TO 21:00) AND COMPLY WITH THE FOLLOWING:
 - 7.3.1.1 THE WASH PLANT IS TO BE LOCATED IN THE DESIGNATED PROCESSING AREA ON THE PIT FLOOR AT A MAXIMUM ELEVATION OF 117 MASL AS SHOWN ON FIGURE 2 AND 7.
 - 7.3.1.2 THE WASH PLANT IS NOT TO OPERATE CONCURRENTLY WITH THE MOBILE CRUSHING PLANT OR THE MOBILE SCREENING PLANT DURING THE EVENING PERIOD (19:00 21:00).
 - 7.3.1.3 THE MAXIMUM OUTDOOR SOUND POWER OF THE GENERATOR, IF USED TO PROVIDE POWER TO THE WASH PLANT, MUST NOT EXCEED THE LEVELS GIVEN IN TABLE 2. TO ACHIEVE THESE RATINGS THE GENERATOR WILL LIKELY NEED TO BE FITTED WITH AN EXHAUST SILENCER THAT MEETS THE MINIMUM INSERTION LOSS REQUIREMENTS LISTED IN TABLE 8. THE SILENCER IS TO BE LOCATED INSIDE THE ENCLOSURES OR AS CLOSE AS POSSIBLE TO THE LOCATION WHERE THE EXHAUST EXITS THE ENCLOSURES WITH THE DUCT MATERIAL BETWEEN THE SILENCER AND THE GENERATOR CONSTRUCTED OF 16-GAUGE WEATHER RESISTANT METAL. THE SILENCERS SHALL HAVE A HIGH TRANSMISSION LOSS CASING.
 - 7.3.1.4 ITEM 7.2.1.3 ABOVE DOES NOT APPLY IF HYDRO IS USED TO PROVIDE POWER TO THE PLANT.

7.4 MOBILE CRUSHING PLANT:

- 7.4.1 THE OPERATION OF THE MOBILE CRUSHING PLANT (CRUSHER) MAY TAKE PLACE ONLY DURING THE DAYTIME PERIOD (07:00 TO 19:00) AND COMPLY WITH THE FOLLOWING:
 - 7.4.1.1 THE CRUSHER IS TO BE LOCATED IN THE DESIGNATED PROCESSING AREA ON THE PIT FLOOR AT A MAXIMUM ELEVATION OF 116 MASL AS SHOWN ON FIGURE 2, 3 AND 5.
 - 7.4.1.2 THE CRUSHER IS NOT TO OPERATE CONCURRENTLY WITH THE MOBILE WASH PLANT OR DREDGE.
 - 7.4.1.3 NOISE BARRIERS ARE TO BE PROVIDED AS PER TABLE 7 AND FIGURE 10.

7.5 CUTTER SUCTION DREDGE:

- 7.5.1 THE OPERATION OF THE CUTTER SUCTION DREDGE (DREDGE) MAY TAKE PLACE ONLY DURING THE DAYTIME PERIOD (07:00 TO 19:00), ANYWHERE IN THE EXTRACTION AREA, AND COMPLY WITH THE FOLLOWING:
 - 7.5.1.1 THE DREDGE IS NOT TO OPERATE CONCURRENTLY WITH THE MOBILE CRUSHING PLANT.

7.6 LOADERS AND EXCAVATORS:

- 7.6.1 THE OPERATION OF THE LOADERS AND EXCAVATORS MAY TAKE PLACE DURING THE DAYTIME AND EVENING PERIOD (07:00 TO 21:00) ANYWHERE IN THE EXTRACTION AREA, ABOVE OR BELOW GRADE, AND SHALL COMPLY WITH THE FOLLOWING:
 - 7.6.1.1 DURING THE DAYTIME PERIOD (07:00 - 19:00):
 - i. MAXIMUM OF THREE LOADERS OR THREE EXCAVATORS MAY BE IN OPERATION IN THE PROCESSING AREA CARRYING OUT STOCKPILING AND LOADING OPERATIONS, AND
 - ii. A MAXIMUM OF TWO LOADERS OR TWO EXCAVATORS MAY BE IN OPERATION IN THE EXPANSION AREA WEST OF LINE AA, CARRYING OUT EXTRACTION AND LOADING OPERATIONS.
 - iii. EAST OF LINE AA, A MAXIMUM OF ONE LOADER OR ONE EXCAVATOR MAY BE IN OPERATION IN THE EXPANSION AREA, CARRYING OUT EXTRACTION AND LOADING OPERATIONS DURING THE DAYTIME PERIOD.
 - 7.6.1.2 DURING THE EVENING PERIOD (19:00 21:00):
 - i. A MAXIMUM OF ONE LOADER OR ONE EXCAVATOR MAY BE IN OPERATION IN THE PROCESSING AREA CARRYING OUT STOCKPILING AND LOADING OPERATIONS, AND
 - ii. A MAXIMUM OF ONE LOADER OR ONE EXCAVATOR MAY BE IN OPERATION IN THE EXPANSION AREA WEST OF LINE AA, CARRYING OUT EXTRACTION AND LOADING OPERATIONS.
 - iii. EAST OF LINE AA EXTRACTION OPERATIONS ARE NOT TO OCCUR DURING THE EVENING PERIOD.

7.7 AGGREGATE TRUCKS:

- 7.7.1 THE DELIVERY OF RAW MATERIAL FROM THE EXTRACTION FACE TO THE PROCESSING AREA USING AGGREGATE TRUCKS MAY TAKE PLACE ONLY DURING THE DAYTIME AND EVENING PERIOD (07:00 TO 21:00) AND SHALL COMPLY WITH THE FOLLOWING:
 - 7.7.1.1 WHEN OPERATING ON-SITE, AGGREGATE TRUCKS SHALL NOT EXCEED 30 KM/H AND SHALL NOT USE COMPRESSION BRAKING (JAKE BRAKES).
 - 7.7.1.2 WHEN OPERATING DURING THE DAYTIME PERIOD (07:00 19:00): A MAXIMUM OF 6 LOADS OF RAW MATERIAL MAY BE DELIVERED FROM THE EXTRACTION FACE TO THE PROCESSING AREA PER HOUR.
 - 7.7.1.3 WHEN OPERATING DURING THE EVENING AND NIGHTTIME PERIOD (19:00 07:00): A MAXIMUM OF 3 LOADS OF RAW MATERIAL MAY BE DELIVERED FROM THE EXTRACTION FACE TO THE PROCESSING AREA PER HOUR

7.8 HIGHWAY TRUCKS:

- 7.8.1 THE LOADING AND SHIPPING OF PRODUCT USING HIGHWAY TRUCKS MAY TAKE PLACE ONLY DURING THE DAYTIME AND EVENING PERIOD (07:00 TO 21:00) AND SHALL COMPLY WITH THE FOLLOWING:
 - 7.8.1.1 WHEN OPERATING ON-SITE, HIGHWAY TRUCKS SHALL NOT EXCEED 30 KM/H AND SHALL NOT USE COMPRESSION BRAKING (JAKE BRAKES).
 - 7.8.1.2 WHEN OPERATING DURING THE DAYTIME PERIOD (07:00 19:00): A MAXIMUM OF 12 LOADS OF PROCESSED AGGREGATE MAY BE SHIPPED OFF-SITE BY HIGHWAY TRUCK PER HOUR.
 - 7.8.1.3 WHEN OPERATING DURING THE EVENING AND NIGHTTIME PERIOD (19:00 07:00): A MAXIMUM OF 2 LOADS OF PROCESSED AGGREGATE MAY BE SHIPPED OFF-SITE BY HIGHWAY TRUCK PER HOUR.

7.9 PORTABLE CONSTRUCTION EQUIPMENT:

- 7.9.1 PORTABLE CONSTRUCTION EQUIPMENT USED FOR SITE PREPARATION (E.G. LAND CLEARING AND CONSTRUCTION OF BERMS) AND REHABILITATION SHALL COMPLY WITH MECP PUBLICATION NPC-115, CONSTRUCTION EQUIPMENT, AUGUST 1978. (THIS PUBLICATION GIVES NOISE STANDARDS TO BE MET BY CONSTRUCTION EQUIPMENT IN ONTARIO.) SITE PREPARATION AND REHABILITATION ACTIVITIES SHALL TAKE PLACE ONLY DURING DAYTIME HOURS (07:00 19:00).

7.10 NEW PROCESS:

- 7.10.1 IF A NEW PROCESS IS INTRODUCED TO THE SITE, THEN THIS PROCESS SHALL BE ASSESSED BY A QUALIFIED ACOUSTICAL CONSULTANT PRIOR TO COMMISSIONING. NOISE MITIGATION MEASURES SHALL BE REVIEWED, AND ALTERED, IF NECESSARY, TO ENSURE THAT MECP SOUND LEVEL LIMITS ARE MET AT ALL POINTS OF RECEPTION.

MAXIMUM PREDICTED WATER TABLE AND LEVEL 1 AND LEVEL 2 WATER STUDIES

SUMMARY OF RECOMMENDATIONS

MAXIMUM WATER TABLE

IT IS RECOMMENDED AN AVERAGE WATER TABLE FOR THE EXISTING LICENSE PLUS EXPANSION BE SET AT 117.75 MASL.

NEIGHBOURING WELLS

- ONCE THE AGGREGATE LICENSE IS ISSUED, A WELL SURVEY SHALL BE UNDERTAKEN AT 1117 WILLIAM MOONEY DR AND 1135 WILLIAM MOONEY DR BEFORE OPERATIONS IN THE EXPANSION AREA BEGIN. PARTICIPATION IN THE SURVEY BY PROPERTY OWNERS IS VOLUNTARY. THE SURVEY SHALL DOCUMENT THE PROPERTY SETTING, WELL LOCATION AND CONSTRUCTION AND WATER USE AND SHALL CONFIRM WHETHER A WATER WELL RECORD CAN BE CORRELATED TO THE SITE.
- WATER SAMPLES SHALL BE COLLECTED FROM AN UNTREATED TAP FOLLOWING INDUSTRY STANDARD SAMPLING PROCEDURES AND ANALYSED BY A CERTIFIED LABORATORY FOR THE PARAMETERS BELOW. PARAMETERS MAY BE ADDED IF A SPECIFIC LOCATION WARRANTS.

WATER SAMPLE PARAMETER LIST

	PARAMETER / ANALYTE
FIELD MEASUREMENTS	TEMPERATURE, TDS, CONDUCTIVITY, DISSOLVED OXYGEN, PH
GENERAL CHARACTERISTICS	PH, ALKALINITY, HARDNESS, TDS, CONDUCTIVITY, CA, MG, CL, NO2, NO3, NH3, TOTAL KJELDAHL NITROGEN, SO4, FE, MN, NA, F, PHENOLS
BACTERIOLOGICAL ANALYSIS	E.COLI, TOTAL COLIFORMS, BACKGROUND PLATE COUNT

- THE SURVEY SHALL BE REPEATED BEFORE THE BELOW WATER EXTRACTION LIFT MOVES INTO THE EXPANSION AREA IF THE PERIOD ELAPSED FROM THE BEGINNING OF THE OPERATION HAS BEEN 10 YEARS OR LONGER.

GROUNDWATER MONITORING

- THE INTENT THAT THE GROUNDWATER PROGRAM WILL CHANGE AND ADAPT SHALL BE CLEARLY INDICATED ON THE SITE PLAN. SPECIFIC MONITORING DETAILS (E.G. WELL LOCATIONS OR FREQUENCY, ETC.) SHALL BE AVOIDED ON THE SITE PLAN.
- THE WATER LEVELS SHALL BE REVIEWED AS THEY ARE COLLECTED WITH ATTENTION GIVEN TO FLAG AND FOLLOW UP ON ANOMALIES. AN EXPLANATION SHALL BE PROVIDED FOR ANY OF THESE NOTED DEVIATIONS, AND THE OBSERVATIONS AND CONCLUSIONS INCLUDED IN THE NEXT REVIEW REPORT.
- THE PTTW AND ECA SHALL CONTINUE TO BE THE DEVICES TO PROVIDE DETAIL ON THE MONITORING AND MITIGATION OF POTENTIAL ISSUES. ANNUAL REPORT RECOMMENDATIONS SHALL BE IMPLEMENTED BY THE OPERATOR. THE SITE PLAN SHALL INDICATE CURRENT PTTW AND ECA APPROVALS CONTAIN THE REQUIREMENTS TO EFFECTIVELY PROVIDE ENVIRONMENTAL PROTECTION.
- AT MONITORING EVENTS, OBSERVATIONS AND/OR PHOTOS OF THE SITE ACTIVITY SHALL BE RECORDED. WEATHER CONDITIONS ON, AND FOR TWO OR THREE DAYS BEFORE THE MONITORING, SHALL BE NOTED.
- MONITORING WELLS THAT ARE REMOVED OR IRREPARABLY DAMAGED SHALL BE REPLACED EXPEDITIOUSLY, AND THE ELEVATION RECALIBRATED. NEW MEASUREMENT POINTS SHALL BE SURVEYED TO A GEODETIC ELEVATION BEFORE THE FIRST REVIEW.
- A STAFF GAUGE SHALL BE ADDED TO THE MONITORING PROGRAM AND ADDED TO THE APPROVED MONITORING PROGRAM WITH THE READING RECORDED ON THE DAY AS THE GROUNDWATER AND OTHER SURFACE WATER LEVELS. AS THE OPEN WATER AREA EXPANDS IT MAY BE BENEFICIAL TO INSTALL A SECOND STAFF GAUGE TO RECORD THE CHANGE IN WATER LEVEL ACROSS THE FEATURE. THE STAFF GAUGE SHALL BE CALIBRATED TO A SURVEYED WATER LEVEL IN THE POND.
- IF, WHEN THE FIELD MEASUREMENTS ARE MADE, THE VISUAL INSPECTION INDICATES A SHEEN OR FILM, A SAMPLE SHALL BE TAKEN AND ANALYSED FOR OIL AND GREASE AND PHCS.

CONTINGENCY PLAN

ACTION TO ADDRESS OBSERVED OR POTENTIAL IMPACTS BY THE OPERATION SHALL BE ADDRESSED IN A TIMELY MANNER.

1. PREDICTED NEGATIVE IMPACT ON SENSITIVE RECEIVER

- IF A NEGATIVE IMPACT ON A SENSITIVE RECEIVER IS PREDICTED THROUGH DATA REVIEW, THE CONDITIONS WILL EVALUATED IN MORE DETAIL IF NEEDED, AND REMEDIATION WILL BE IMPLEMENTED TO PREVENT THE IMPACT

2. RECEIPT OF UNEXPECTED WELL PROBLEM

- IF A WATER LOSS OCCURS AT ONE OF THE ADDRESSES WITHIN 500 M, AND AN INITIAL INVESTIGATION CANNOT IDENTIFY AN OBVIOUS CAUSE, THE LICENSEE WILL PROVIDE AN INTERIM POTABLE WATER SUPPLY TO THE AFFECTED WELL WITHIN 24 HOURS. THE INTERIM SUPPLY WILL BE CONTINUED UNTIL THE MATTER IS RESOLVED.
- IF AN UNEXPECTED COMPLAINT ARISES, THE LICENSE HOLDER WILL RETAIN A QUALIFIED PROFESSIONAL, WHO WILL INVESTIGATE THE ISSUE, PROVIDE AN OPINION ON THE CAUSE, AND PROVIDE RECOMMENDATIONS TO THE LICENSEE IN A TIMELY MANNER. IF THE PROBLEM IS ATTRIBUTED TO THE PIT OPERATION, REMEDIATION OR COMPENSATION WILL BE OFFERED BY THE LICENSEE AS SOON AS POSSIBLE.

3. REPLACEMENT WELL CONSTRUCTION AND QUALITY

- ANY WORK ON A WELL BY OR ON BEHALF OF THE LICENSEE WILL MEET THE WELLS REGULATION (O.REG. 903 OR CURRENT EQUIVALENT). EFFORT WILL BE MADE TO CONSTRUCT THE WELL TO AS NEAR THE DEPTH AS THE IMPACTED WELL THAT WILL OBTAIN A COMPARABLE WATER QUANTITY. THE ANALYSIS OF THE WELL RECORDS INDICATED THAT THE OVERBURDEN, INTERFACE AQUIFER AND BEDROCK AQUIFERS ARE ALL USED IN THE AREA AND IT IS POSSIBLE FOR THE WATER SUPPLY TO BE REPLACED.
- IF NATURAL WATER QUALITY EXCEEDING THE ODWS IS ENCOUNTERED BECAUSE OF THE REMEDIATION, APPROPRIATE WATER TREATMENT WILL BE CONSIDERED.

OPERATIONS - SPILLS PREVENTION AND RESPONSE

- FUEL STORAGE MUST NOT BE LOCATED WITHIN 30 METRES OF ANY BODY OF WATER. REFUELLING SHALL TAKE PLACE ON AN IMPERVIOUS SURFACE.
- THE POTENTIAL FOR SPILLS SHALL BE ADDRESSED ON THE ARA SITE PLAN, WITH PREVENTION AS THE KEY GOAL BY COMPLIANCE WITH CURRENT LEGISLATIVE AND REGULATORY REQUIREMENTS, SUCH AS THE TECHNICAL STANDARDS AND SAFETY ACT, 2000, LIQUID FUELS REGULATION O.REG. 217/01 AND THE LIQUID FUELS HANDING CODE, 2000.
- A SPILL PREVENTION AND RESPONSE PLAN SHALL BE PREPARED AND KEPT ON SITE. SITE PERSONNEL SHALL RECEIVE TRAINING REGARDING THE SPILL ACTION PLAN PROCEDURE. A COPY OF THE PLAN SHALL BE POSTED IN A PROMINENT LOCATION IN THE OPERATIONS AREA.
- APPROPRIATE MITIGATION AND CLEAN-UP MATERIALS (ABSORBENT PADS AND GRANULAR ABSORBENT MATERIAL) SHALL BE KEPT ON SITE WHEN THE PIT IS OPERATING.

NATURAL ENVIRONMENT REPORT

- IF THEY HAVE NOT ALREADY DONE SO, THE PIT OPERATOR SHALL REGISTER THEIR ACTIVITY AS IT RELATES TO THE BANK SWALLOWS THAT INHABIT THE EXISTING PIT AND COULD MOVE TO THE PIT EXPANSION AREA ONCE OPERATIONS BEGIN THERE.

- IT IS RECOMMENDED THAT TREE CLEARING WITHIN THE EXPANSION AREA AND EXISTING MCGEE PIT SHALL NOT OCCUR DURING THE SAR BAT ROOSTING SEASON FROM APRIL 1 TO NOV. 30.

- BLANDING'S TURTLES HAVE NOT BEEN OBSERVED WITHIN THE EXISTING PIT AND THE PIT EXPANSION AREA DOES NOT PROVIDE APPROPRIATE HABITAT FEATURES. NEVERTHELESS, IT IS CONCEIVABLE THAT BLANDING'S TURTLES COULD FIND THEIR WAY TO THE AQUATIC FEATURES OF THE PIT OPERATION AREA. ACCORDINGLY, THE FOLLOWING RECOMMENDATIONS ARE PROVIDED FOR THAT EVENTUALITY.

- PIT OPERATORS AND STAFF SHALL UNDERTAKE A TURTLE TRAINING PROGRAM, IN ORDER TO BE ABLE TO DISTINGUISH BLANDING'S TURTLES FROM THE NON-SAR TURTLES, AND TO KNOW WHAT TO DO SHOULD THEY ENCOUNTER THEM.
- IF BLANDING'S TURTLES ARE ENCOUNTERED WITHIN THE ACTIVE PIT AREA, THE PIT OPERATORS SHALL NEED TO REGISTER THEIR ACTIVITY WITH THE MECP.
- TURTLE ROAD MORTALITY IS LIKELY THE GREATEST THREAT TO BLANDING'S TURTLES IN THE REGION. IF BLANDING'S TURTLES ARE ENCOUNTERED, THE PIT LICENSEE NEEDS TO EDUCATE THEIR DRIVERS ON THE NEED TO AVOID THESE (AND ANY OTHER TURTLE SPECIES) TURTLES.
- IF TURTLES OF ANY SPECIES ARE ENCOUNTERED, A TURTLE WARNING SIGN SHALL BE INSTALLED AT THE PIT ENTRANCE TO REMIND DRIVERS OF THE POTENTIAL THREAT.
- THE CLOSURE PLAN SHALL INCLUDE TURTLE HABITAT ENHANCEMENTS FOR THE FLOODED POND THAT WILL RESULT WHEN PIT OPERATIONS CEASE. THESE COULD INCLUDE DEEPER AREAS TO SUPPORT OVERWINTERING, VARIABLE DEPTH AREAS TO ENHANCE PLANT AQUATIC DIVERSITY, SHOALS FOR SHALLOW LOAFING AND FEEDING, AND ISLETS TO PROVIDE BASKING

- THE CLOSURE PLAN SHALL INCLUDE LEAST BITTERN (AND OTHER AQUATIC WATERFOWL) FAVORABLE HABITAT ENHANCEMENTS FOR THE FLOODED POND THAT WILL RESULT WHEN PIT OPERATIONS CEASE. THE PRIMARY FOCUS WOULD BE TO ENHANCE HIGH INTERSPERSION, SIMILAR TO WHAT NOW EXISTS WITHIN THE NORTH END OF THE FLOODED PIT FLOOR.

- THE PIT EXPANSION AREA WILL BE EXCAVATED TO BELOW THE WATER TABLE, AND IT IS EXPECTED IT WILL BECOME PART OF A LARGER OVERALL FISH HABITAT AREA ONCE PUMPING OPERATIONS CEASE. IT IS RECOMMENDED THAT FOR THE CLOSURE PLAN, THE FINAL PIT LAKE NOT EMPLOY A BATHTUB LIKE FORM, AND INSTEAD INCLUDE AQUATIC INTERSPERSION FEATURES SUCH AS VARIABLE DEPTHS, HABITAT ISLETS AND SHOALS AS FISH ENHANCEMENT FEATURES.

- TREE CLEARING SHALL TAKE PLACE OUTSIDE THE BIRD BREEDING SEASON (APRIL 1 TO AUGUST 31) TO AVOID CONTRAVENTION OF THE MIGRATORY BIRDS CONVENTION ACT, AND OUTSIDE OF THE SAR MATERNITY/ROOST SEASON OF MID APRIL TO MID SEPTEMBER.

CLOSURE PLAN

IT IS OUR OPINION THAT THE RESULTING AQUATIC FEATURE THAT WILL RESULT WHEN PIT OPERATIONS CEASE WILL ENHANCE REGIONAL BIODIVERSITY BY PROVIDING FISH HABITAT, WETLAND HABITAT, WATERFOWL HABITAT,WADING BIRD HABITAT, TURTLE HABITAT, AMPHIBIAN HABITAT, TURTLE WINTERING, WATERFOWL STAGING HABITAT,AND MARSH BIRD BREEDING HABITAT. CONSIDERATION INTO THE STRUCTURE OF THE CLOSURE AREA SHALL INCLUDE FEATURES THAT SUPPORT THESE HABITATS WITH A FOCUS ON WETLAND INTERSPERSION, VARIABLE DEPTHS, HABITAT ISLANDS, AND SHOALS.

STAGE 1 ARCHAEOLOGICAL ASSESSMENT

7.0 CONCLUSIONS AND RECOMMENDATIONS

THIS STAGE 1 BACKGROUND ASSESSMENT CONCLUDED THAT BASED ON CRITERIA OUTLINED IN THE MHSTCI'S STANDARDS AND GUIDELINES FOR CONSULTANT ARCHAEOLOGISTS (SECTION 1.3, 2011), THE STUDY AREA HAS BOTH PRE-CONTACT INDIGENOUS AS WELL AS HISTORIC EURO-CANADIAN ARCHAEOLOGICAL POTENTIAL. THE PROPERTY INSPECTION REVEALED THAT THE SUBJECT PROPERTY RETAINS ARCHAEOLOGICAL POTENTIAL.

BASED ON THE RESULTS OF THIS INVESTIGATION IT IS RECOMMENDED:

- A STAGE 2 ARCHAEOLOGICAL ASSESSMENT OF THE DEVELOPMENT AREA AS SHOWN IN MAP 1 BE CONDUCTED BY A LICENSED CONSULTANT ARCHAEOLOGIST. ACTIVELY OR RECENTLY CULTIVATED LAND SHOULD BE SUBJECT TO PEDESTRIAN SURVEY AT 5 M INTERVALS, AS PER SECTION 2.1.1 (MHSTCI 2011). TEST PIT SURVEY AT 5 M INTERVALS SHOULD BE USED IN AREAS WHERE PLOUGHING IS NOT POSSIBLE OR VIABLE, AS PER SECTION 2.1.2 (MHSTCI 2011).
- THE STAGE 2 ARCHAEOLOGICAL ASSESSMENT FOLLOW THE REQUIREMENTS SET OUT IN THE 2011 STANDARDS AND GUIDELINES FOR CONSULTANT ARCHAEOLOGISTS (MHSTCI 2011).

STAGE 2 ARCHAEOLOGICAL ASSESSMENT

7.0 CONCLUSIONS AND RECOMMENDATIONS

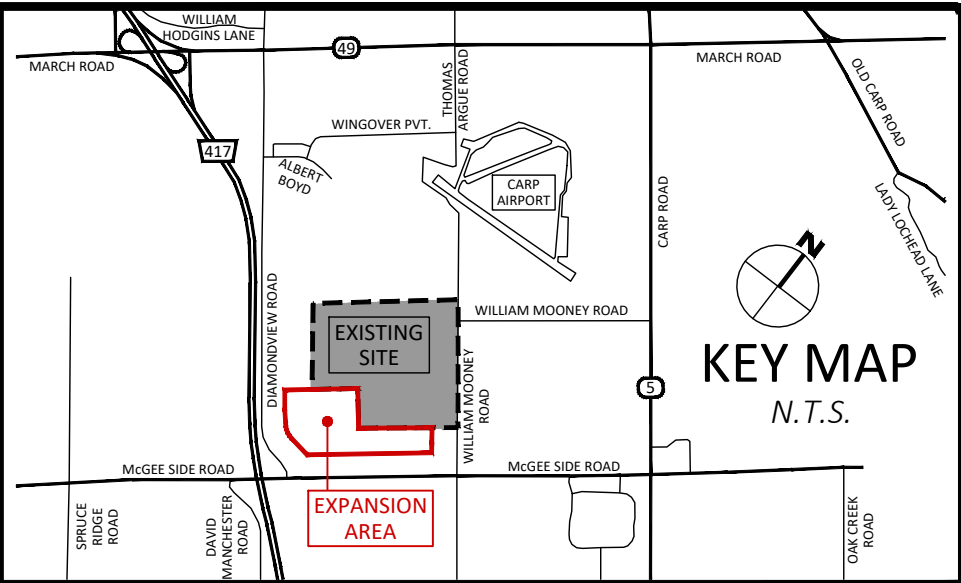
THE PREVIOUS STAGE 1 BACKGROUND ASSESSMENT CONCLUDED THAT BASED ON CRITERIA OUTLINED IN THE MCM'S STANDARDS AND GUIDELINES FOR CONSULTANT ARCHAEOLOGISTS (SECTION 1.3, 2011), THE STUDY AREA HAD BOTH PRE-CONTACT INDIGENOUS AS WELL AS HISTORICAL EURO-CANADIAN ARCHAEOLOGICAL POTENTIAL (MATRIX HERITAGE 2021).

THIS STAGE 2 ARCHAEOLOGICAL ASSESSMENT INVOLVED SUBSURFACE TESTING WHICH CONSISTED OF HAND EXCAVATED TEST PITS AT 5 METRE INTERVALS AS PER STANDARD 1.A., SECTION 2.1.2 (MCM 2011). FIELDWORK TOOK PLACE OVER 7 DAYS ON AUGUST 18 AND 19, AND SEPTEMBER 6 TO 9, AND 22, 2022. WEATHER CONDITIONS RANGED FROM SUNNY AND HUMID TO OVERCAST WITH TEMPERATURES BETWEEN 15-29° CELSIUS. GROUND CONDITIONS WERE EXCELLENT WITH NO SATURATION OR OTHER EXCESSIVE GROUND COVER TO IMPEDE VISUAL ASSESSMENT AS PER SECTION 2.1. STANDARD 3 (MCM 2011). PERMISSION TO ACCESS THE PROPERTY WAS PROVIDED BY THE OWNER.

THE STAGE 2 ARCHAEOLOGICAL ASSESSMENT RESULTED IN NO INDICATION OF ARCHAEOLOGICAL REMAINS WITH CULTURAL HERITAGE VALUE OR INTEREST WITHIN THE STUDY AREA.

BASED ON THE RESULTS OF THIS INVESTIGATION IT IS RECOMMENDED:

- NO FURTHER ARCHAEOLOGICAL STUDY IS REQUIRED FOR THE SUBJECT PROPERTY AS DELINEATED IN MAP 1.



LOCATION OF SITE

PART OF LOT 11 & LOT 12, CONCESSION 4
GEOGRAPHIC TOWNSHIP OF HUNTLEY
FORMERLY THE TOWNSHIP OF WEST CARLETON
NOW CITY OF OTTAWA

APPLICANT AND PROPERTY OWNER

KARSON HOLDINGS INC.
3725 CARP ROAD
PO BOX 517
CARP, ONTARIO, K0A 1L0

MAR.23.2026

DATE

I HAVE THE AUTHORITY TO BIND
THE CORPORATION

PLAN CERTIFICATION

I HEREBY CERTIFY THAT THIS SITE PLAN WAS PRODUCED
UNDER MY SUPERVISION.

MAR.23.2026

DATE

MARK PRIDDLE, P.GEO.

AREAS

DESCRIPTION	AREA(ha)
EXISTING McGEE PIT LICENCE AREA	± 81.9
EXPANSION LICENCE AREA	± 31.4
NEW TOTAL LICENCE AREA	± 113.3
NEW TOTAL EXTRACTION AREA	± 104.9

BOUNDARIES

ANY BOUNDARY AND/OR TITLE AREA INFORMATION SHOWN ON THIS SITE PLAN IS COMPILED FROM THE SOURCES RECITED ON THE DRAWINGS, FOR THE PURPOSES OF PRODUCING A SITE PLAN UNDER THE AGGREGATE RESOURCES ACT. EGIS DOES NOT CERTIFY THAT THE BOUNDARIES OF THE PROPERTIES SHOWN ON THIS PLAN ARE ACCURATE WITHIN THE MEANING OF THE SURVEYS ACT. PROPER LEGAL SURVEY RE-ESTABLISHMENT OF ANY BOUNDARY LOCATIONS OF PROPERTIES ON THIS PLAN MUST BE COMPLETED BY AN ONTARIO LAND SURVEYOR WORKING WITHIN THE SURVEYS ACT, SURVEYOR'S ACT, AND LAND TITLES OR REGISTRY ACT AND REGULATIONS MADE THEREUNDER.

No.	Amendments	Date

Check and verify all dimensions before proceeding with the work Do not scale drawings

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Client: KARSON HOLDING INC.
2300 CARP ROAD, CARP, ONTARIO K0A 1L0

Project: McGEE PIT
LICENCE NO. 624971
CLASS "A" PIT BELOW WATER

TECHNICAL REPORT RECOMMENDATIONS

Scale: NA	Project Number:	CCO-22-1195
Drawn by: SH		
Checked By: MP	Drawing Number:	
Date: MAR.23.2026	Sheet 5 of 5	05