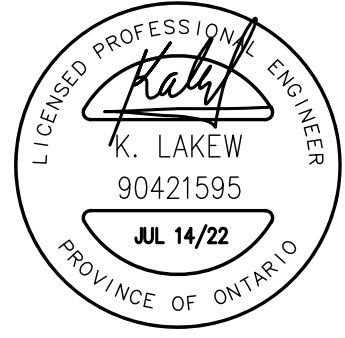
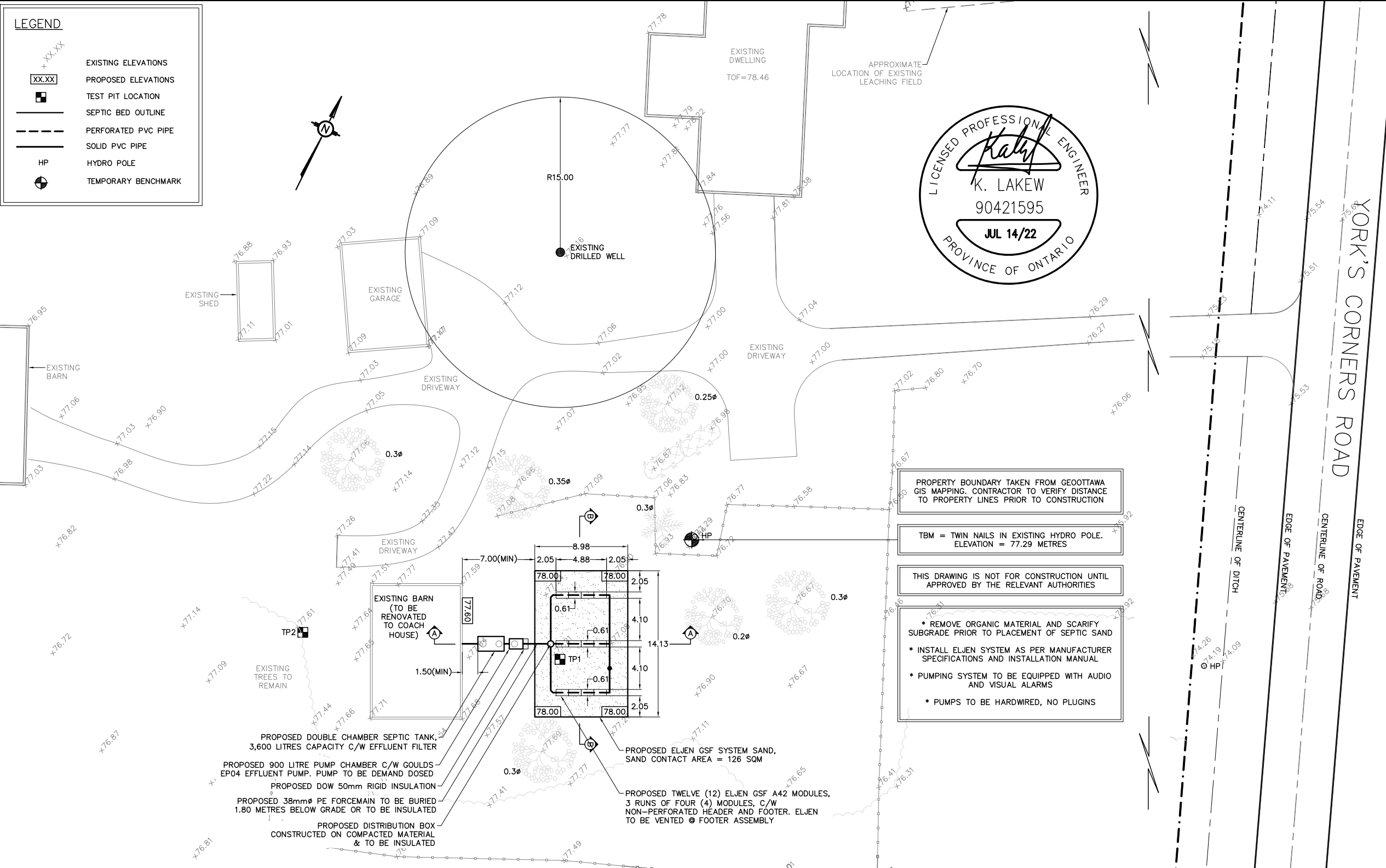


LEGEND

- +XXXX EXISTING ELEVATIONS
- XX.XX PROPOSED ELEVATIONS
- TEST PIT LOCATION
- SEPTIC BED OUTLINE
- - - PERFORATED PVC PIPE
- SOLID PVC PIPE
- HP HYDRO POLE
- ⊕ TEMPORARY BENCHMARK



- CONSTRUCTION NOTES:**
- All dimensions and elevations are in metres. Do not scale drawing.
 - This drawing is not a legal survey, a utility plan or a site plan and is for septic purposes only.
 - TBM = Twin nails in existing hydro pole. Elevation = 77.29 metres.
 - This drawing cannot be accepted as acknowledging all of the utilities, and it will be the responsibility of the user to contact the respective utility authorities for confirmation.
 - This drawing is not for construction until approved by the relevant authorities.
 - The sewage system envelope (leaching bed) as identified on the drawing must be maintained free of the deposit or disposal of any materials, structures, or equipment other than the material or equipment required for the construction of the leaching bed within the sewage system envelope.
 - Topsoil rootmat (organics) to be removed from bed area and exposed subgrade. No wheeled vehicles to be allowed in leaching bed area.
 - Percolation rate of any imported sand for bed to be 6 to 8 min/cm, with < 5% passing the #200 (0.080 mm) sieve.
 - Stone layer to be washed septic stone, free of fine material, with gradation conforming to OBC Table 8.7.3.3.A.
 - The septic system leaching bed is to be graded to provide positive drainage away from the septic system and treated with 75 to 100 mm permeable topsoil and seed. Grass growth is to be established.
 - The following are not to be connected to the septic system: Water softener, swimming pool or filter system backwash; sump pump discharge.
 - Septic system to be installed in accordance with the OBC.
 - Septic tank to meet criteria described in the OBC.
 - No silty clay or clayey or silty material to be placed around or over leaching bed.
 - All changes to this design must be verified and approved by Kollaard Associates Incorporated.
 - Minimum clearance from treatment unit to;
 - * structure = 1.5m
 - * property line = 3m
 - * drilled well = 15m
 - Minimum clearance from distribution piping to;
 - * structure = 7m
 - * property line = 5m
 - * drilled well = 17m



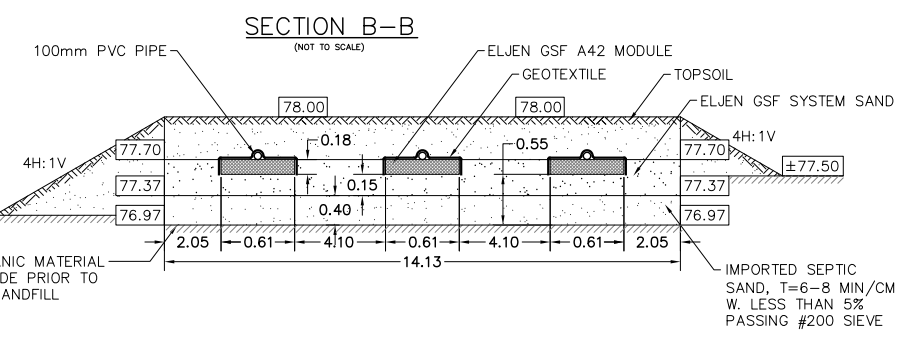
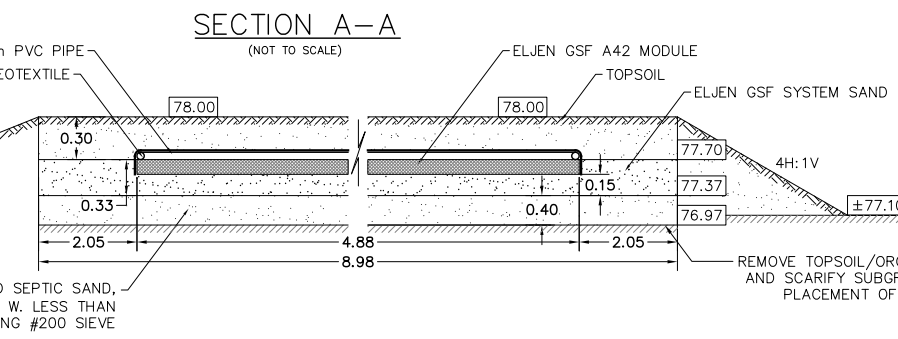
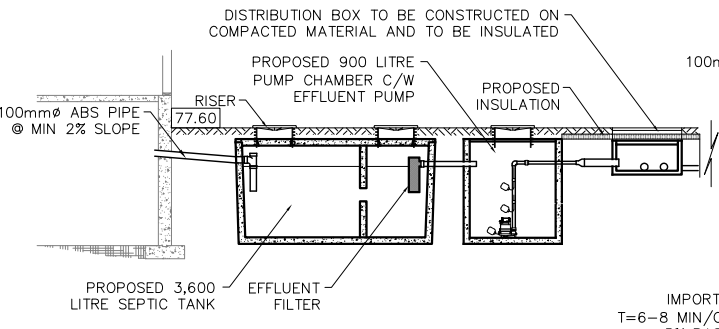
PROPERTY BOUNDARY TAKEN FROM GEOOTAWA GIS MAPPING. CONTRACTOR TO VERIFY DISTANCE TO PROPERTY LINES PRIOR TO CONSTRUCTION

TBM = TWIN NAILS IN EXISTING HYDRO POLE. ELEVATION = 77.29 METRES

THIS DRAWING IS NOT FOR CONSTRUCTION UNTIL APPROVED BY THE RELEVANT AUTHORITIES

- * REMOVE ORGANIC MATERIAL AND SCARIFY SUBGRADE PRIOR TO PLACEMENT OF SEPTIC SAND
- * INSTALL ELJEN SYSTEM AS PER MANUFACTURER SPECIFICATIONS AND INSTALLATION MANUAL
- * PUMPING SYSTEM TO BE EQUIPPED WITH AUDIO AND VISUAL ALARMS
- * PUMPS TO BE HARDWIRED, NO PLUGS

- PROPOSED DOUBLE CHAMBER SEPTIC TANK, 3,600 LITRES CAPACITY C/W EFFLUENT FILTER
- PROPOSED 900 LITRE PUMP CHAMBER C/W GOULDS EPO4 EFFLUENT PUMP. PUMP TO BE DEMAND DOSED
- PROPOSED DOW 50mm RIGID INSULATION
- PROPOSED 38mm PE FORCEMAIN TO BE BURIED 1.80 METRES BELOW GRADE OR TO BE INSULATED
- PROPOSED DISTRIBUTION BOX CONSTRUCTED ON COMPACTED MATERIAL & TO BE INSULATED
- PROPOSED ELJEN GSF SYSTEM SAND, SAND CONTACT AREA = 126 SQM
- PROPOSED TWELVE (12) ELJEN GSF A42 MODULES, 3 RUNS OF FOUR (4) MODULES, C/W NON-PERFORATED HEADER AND FOOTER. ELJEN TO BE VENTED @ FOOTER ASSEMBLY



REV.	NAME	DATE	DESCRIPTION

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 www.kollaard.ca
 info@kollaard.ca

CLIENT: RYAN MCCARLIE

PROJECT: COACH HOUSE

DRAWING: PROPOSED SEPTIC DESIGN PLAN

LOCATION: 3674 YORK'S CORNERS ROAD
 LOT 33, CONC. 9,
 OSGOODE,
 CITY OF OTTAWA, ONTARIO

DESIGNED BY: AKM
 DATE: JUL 14, 2022

DRAWN BY: AKM
 SCALE: 1:400

KOLLAARD FILE NUMBER: 220471