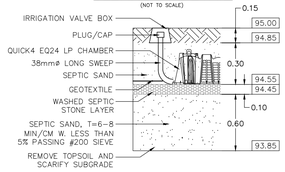
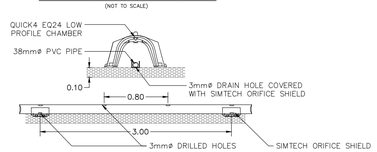
GENERAL LEGEND

- EXISTING ELEVATION
- PROPOSED/EXISTING ELEVATIONS
- DRAINAGE SLOPE
- CENTRELINE OF ROAD
- EDGE OF ROAD
- TOP OF SLOPE
- PROPERTY LINE
- OHW — OVERHEAD WIRE
- EDGE OF TREES
- PROPOSED FENCE
- 6.00 LD — LIMITING DISTANCE
- DIRECTION OF FLOW
- BUILDING ENTRANCE LOCATION
- HP — EXISTING HYDRO POLE
- W — EXISTING WELL
- B — PROPOSED BOLLARD
- STONE TRAFFIC BARRIER
- TEMPORARY BENCHMARK
- BC/TC — BASE OF CURB/TOP OF CURB
- ROOF LEADER

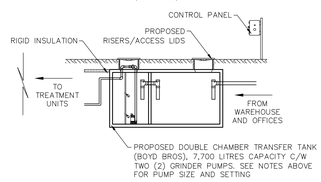
CLEANOUT DETAIL
(NOT TO SCALE)



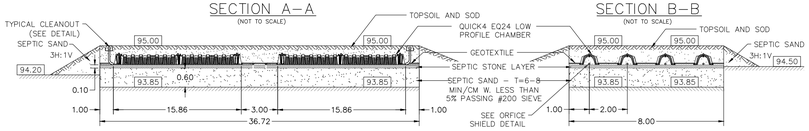
ORIFICE SHIELD DETAIL
(NOT TO SCALE)



TYPICAL TRANSFER TANK
(NOT TO SCALE)



SECTION A–A
(NOT TO SCALE)



SECTION B–B
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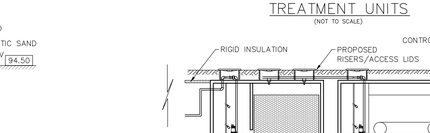
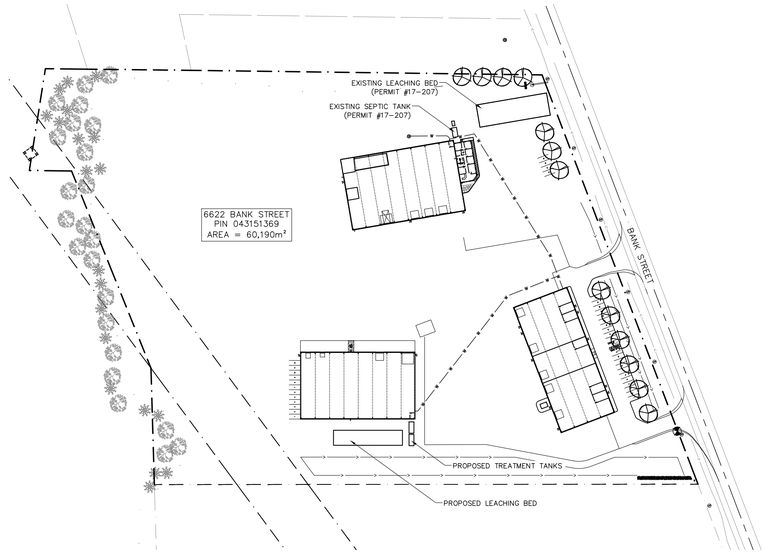
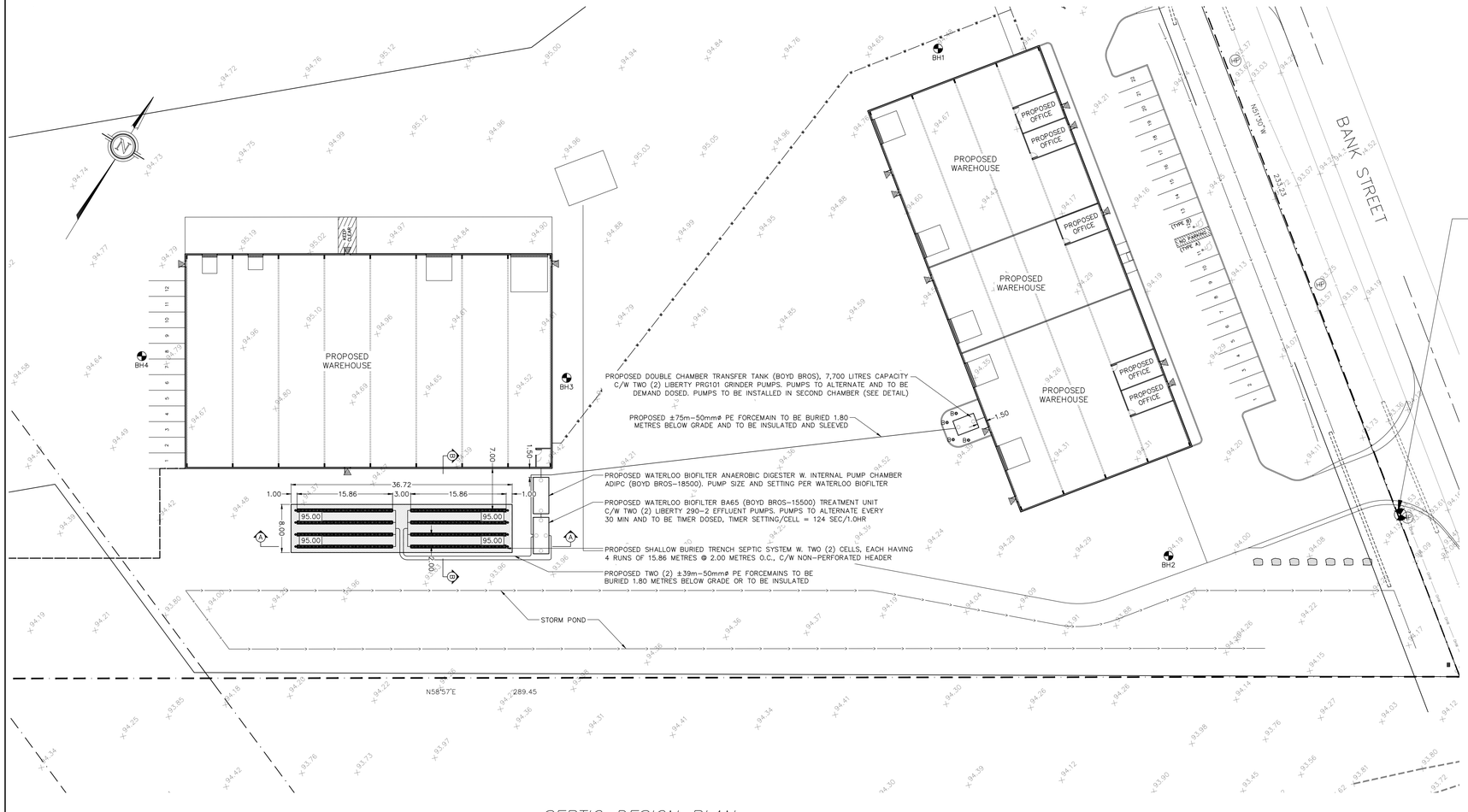


TREATMENT UNITS
(NOT TO SCALE)

** TANKS TO BE INSULATED ON TOP AND SIDES WITH 50mm RIGID INSULATION



SITE PLAN
SCALE = 1:500



SEPTIC DESIGN PLAN
SCALE = 1:400

SPECIAL NOTE
IF WATER IS ENCOUNTERED DURING EXCAVATION PLEASE CALL KOLLAARD ASSOCIATES INC IMMEDIATELY

TBM = NAIL IN EXISTING HYDRO POLE.
ELEVATION = 94.53 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 WATERLOO SYSTEM AS PER MANUFACTURER SPECIFICATIONS AND INSTALLATION MANUAL
* PUMPING SYSTEM TO BE EQUIPPED WITH AUDIO AND VISUAL ALARMS
* PUMPS TO BE HARDWIRED, NO PLUGINS

APPROVED
By Adam Brown at 9:54 am, May 08, 2025

ADAM BROWN
MANAGER, DEVELOPMENT REVIEW - RURAL
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

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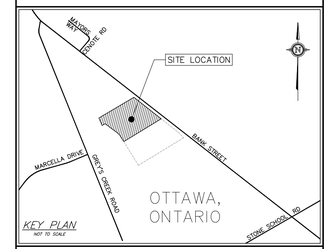
DRAWING NUMBER:
230156–SD



DRAWING:
SEPTIC DESIGN PLAN AND DETAILS

1. All dimensions and elevations are in metres. Do not scale drawing. This drawing is not a site grading plan. This drawing is not for construction until approved by the relevant authorities.
2. TBM = Nail in existing hydro pole. Elevation = 94.53.
3. 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.
4. Topsoil rootmat (organics) to be removed from bed area and exposed subgrade. No wheeled vehicles to be allowed in leaching bed area.
5. Percolation rate of any imported sand for bed to be 6 to 8 min/cm, with < 5% passing the #200 (0.080 mm) sieve.
6. Stone layer to be washed septic stone, free of fine material, with gradation conforming to OBC Table 8.7.3.3.A.
7. 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.
8. The following are not to be connected to the septic system: Water softener; swimming pool or filter system backwash; sump pump discharge.
9. Septic system to be installed in accordance with the OBC.
10. Septic tank to meet criteria described in the OBC.
11. No silty clay or clayey or silty material to be placed around or over leaching bed.
12. All changes to this design must be verified and approved by Kollaard Associates Incorporated.
13. Minimum clearance from treatment unit to;
    * structure = 1.5m
    * property line = 3m
    * drilled well = 15m
14. Minimum clearance from distribution piping to;
    * structure = 7m
    * property line = 5m
    * drilled well = 17m

REV	BY	DATE	DESCRIPTION

Kollaard Associates Engineers
P.O. BOX 189, 210 PRESCOTT ST. (613) 860–0923
KEMPTVILLE, ONTARIO info@kollaard.ca
K0G 1J0 FAX (613) 258–0475
http://www.kollaard.ca

CONSULTANTS:
H.A.KEN SHIPMAN SURVEYING LTD. P.O. BOX 53, NORTH GOWER, ONT. K0A 2T0
JAMES B. LENNON & ASSOCIATES INC. LANDSCAPE ARCHITECTS 1123 ARLINGTON AVE., OTTAWA, ONTARIO K2C 0V5 Tel: (613) 722-5568 Fax: 1 (866) 343-7996
P M Robinson Consulting URBAN PLANNING, CONSULTING, PROJECT MANAGEMENT 100 Palomino Drive, Ottawa, Ontario K2M 2K2 613 599 9216 probinson@pmrobinsonconsulting.com
Castleglenn Consultants Engineers, Project Managers & Planners 2460 Lancaster Road, Ottawa, ON K1B 4S5 (T) (613)731-4052 / (F) (613) 731-0253

CLIENT:
CAMM WAREHOUSING AND RENTALS INC.

PROJECT:
PROPOSED WAREHOUSE WITH OFFICE

LOCATION:
6622 BANK STREET, OTTAWA, ON

LICENSED PROFESSIONAL ENGINEER
K. LAKEW
90421595
FEB 28, 2025
PROVINCE OF ONTARIO

DESIGNED BY:	CHECKED BY:
PV	PV
DRAWN BY:	APPROVED BY:
PV/AKM	KL

DATE: FEB 28, 2025
SCALE: AS NOTED
PROJECT NUMBER: 230156