



Capacity Engineering Limited



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2 IFP 4 JULY 2025

1 DRAFT FOR REVIEW 19 NOV 2024

No. Revision/Issue Date

Firm

CAPACITY ENGINEERING LTD.

Designed and Drawn by
R. GRAY, M.ENG., P.ENG.

Reviewed by
M. QUINN, P.ENG.

Project Information

5580 MANOTICK MAIN STREET

MANOTICK, ON

DR. ALYKHAN ABDULLA

Drawing Name

GABION CAGE RETAINING WALL DETAIL

Project 2400 Sheet

Date 4 JULY 2025

Scale NTS

S2

GABION CAGE NOTES:

- MIN. FILL DENSITY OF 19.5 KN/m³ FOR EVERY CAGE. CAGES ARE TO BE 40" x 40" x 40" WITH 4" x 2" WIRE MESH SPACING. WIRE MESH TO BE HOT DIPPED GALVANIZED AND 6 AWG (4 mm Ø).
- GABION WALLS TO INCLUDE FACE TYING AT THE $\frac{1}{3}$ HEIGHTS OF THE CAGE.
- CAGES ARE TO BE TIED TOGETHER WITH MIN. 5 REBAR TIES PER INTERFACE.
- WHEN FILLING GABION CAGES, CONTRACTOR SHALL BUILD OUT THE CORNERS FIRST WITH THE FILL MATERIAL SUCH THAT THE CUBE SHAPED IS MAINTAINED.
- HAIR PIN BARS ARE TO BE HOT DIPPED GALVANIZED.

