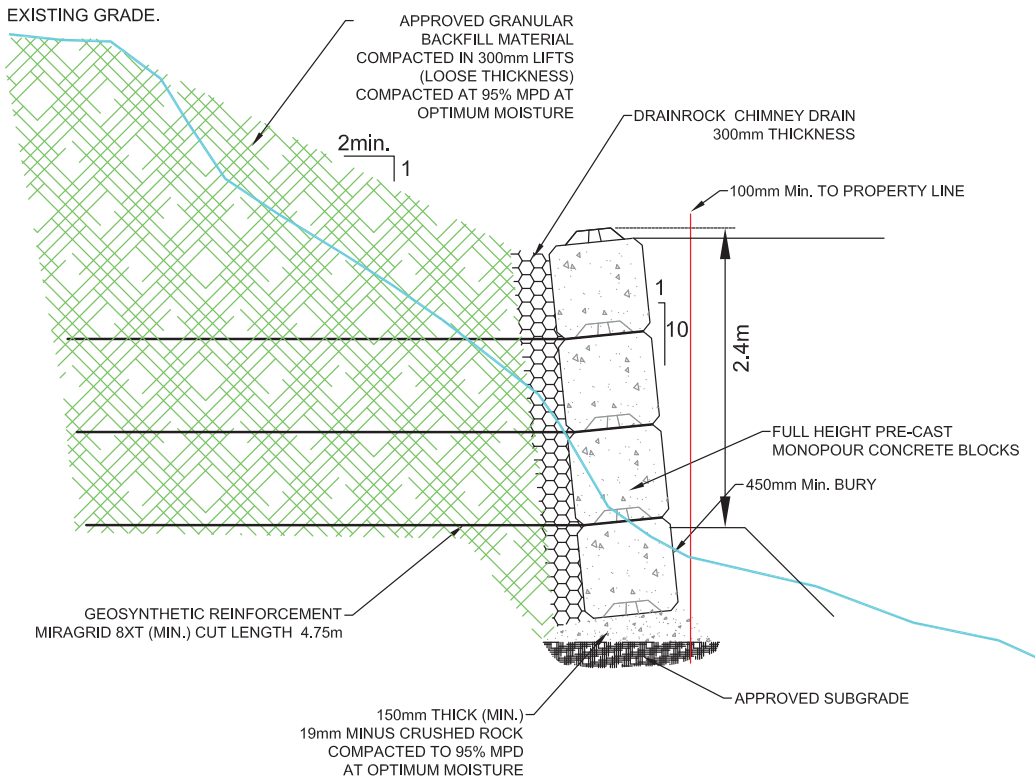
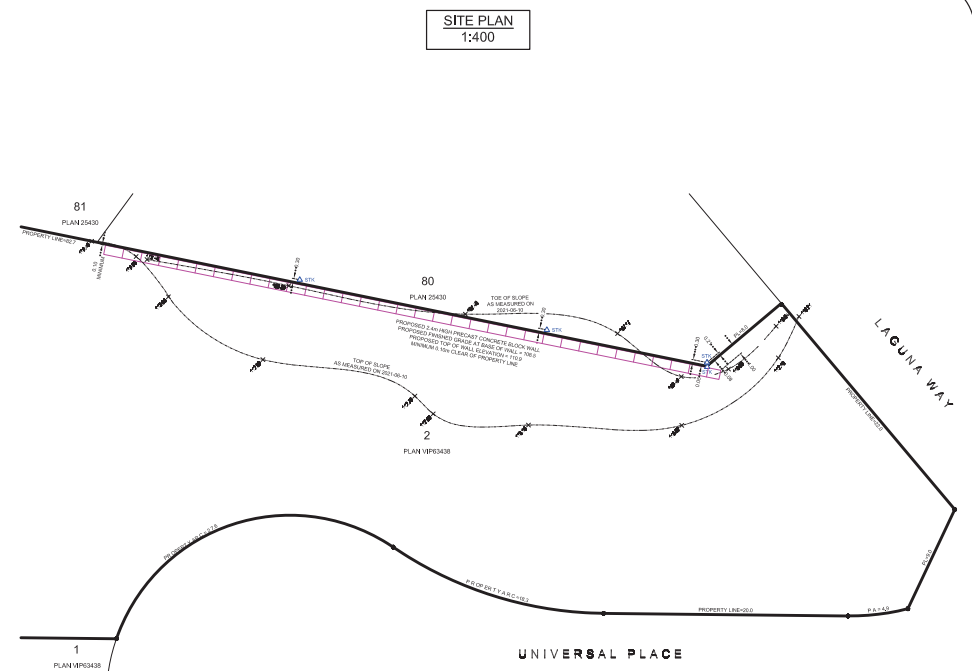


ATTACHMENT D RETAINING WALL SECTION



MAX. TYPICAL SECTION
SCALE 1:50



GENERAL NOTES:

1. GEOTECHNICAL INSPECTIONS REQUIRED FOR:
 - BEARING (SUBGRADE)
 - GEOGRID INSTALLATION
 - COMPACTION OF SOILS
 - DRAINAGE (FREE DRAINING FILL)
3. RETAINING WALL TO BE BUILT IN A RUNNING BOND FORMATION.
4. LINE AND LAYOUT BY OTHERS
5. ALL WORK TO FOLLOW THIS DRAWING ALONG WITH THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS.


DESIGN NOTES:

1. RETAINED SOIL, $\Phi' = 32^\circ$, $\gamma = 20 \text{ kN/m}^3$
2. BEARING SOIL, $\Phi' = 42^\circ$, $\gamma = 20 \text{ kN/m}^3$
3. SURCHARGE = 26 DEGREE MAX.
4. WALL DESIGN GENERALLY FOLLOWS FHWA, CFEM AND EGBC GUIDELINES.

REV No.	DATE	BY	P.Eng.	REVISION DESCRIPTION
01	2024-11-24	EH		RECORD DRAWING
02	2025-05-15	SJ	CH	WALL HEIGHT ADJUSTMENT
03	2025-05-26	SJ	CH	WALL LENGTH ADJUSTMENT
04	2025-05-28	SJ	CH	WALL HEIGHT ADJUSTMENT

RECEIVED
DVP486
2025-AUG-15
Current Planning

DRAWING TITLE	SEGMENTAL BLOCK RETAINING WALL
PROJECT NAME	5160 UNIVERSAL PLACE NANAIMO, BC
LEGAL DESCRIPTION	LOT 2, DISTRICT LOT 54, WELLINGTON, PLAN VIP63438 PID: 023-439-343

ENGINEER'S SEAL	PLOT DATE	DRAWN BY
	SEP 10, 24	JH
PERMIT TO PRACTICE NO. 1001801	REVIEWED BY P.Eng.	SCALE AS NOTED
	PROJECT No. E3681.01	DRAWING No. 01



Lewkowich
Engineering
Associates Ltd.