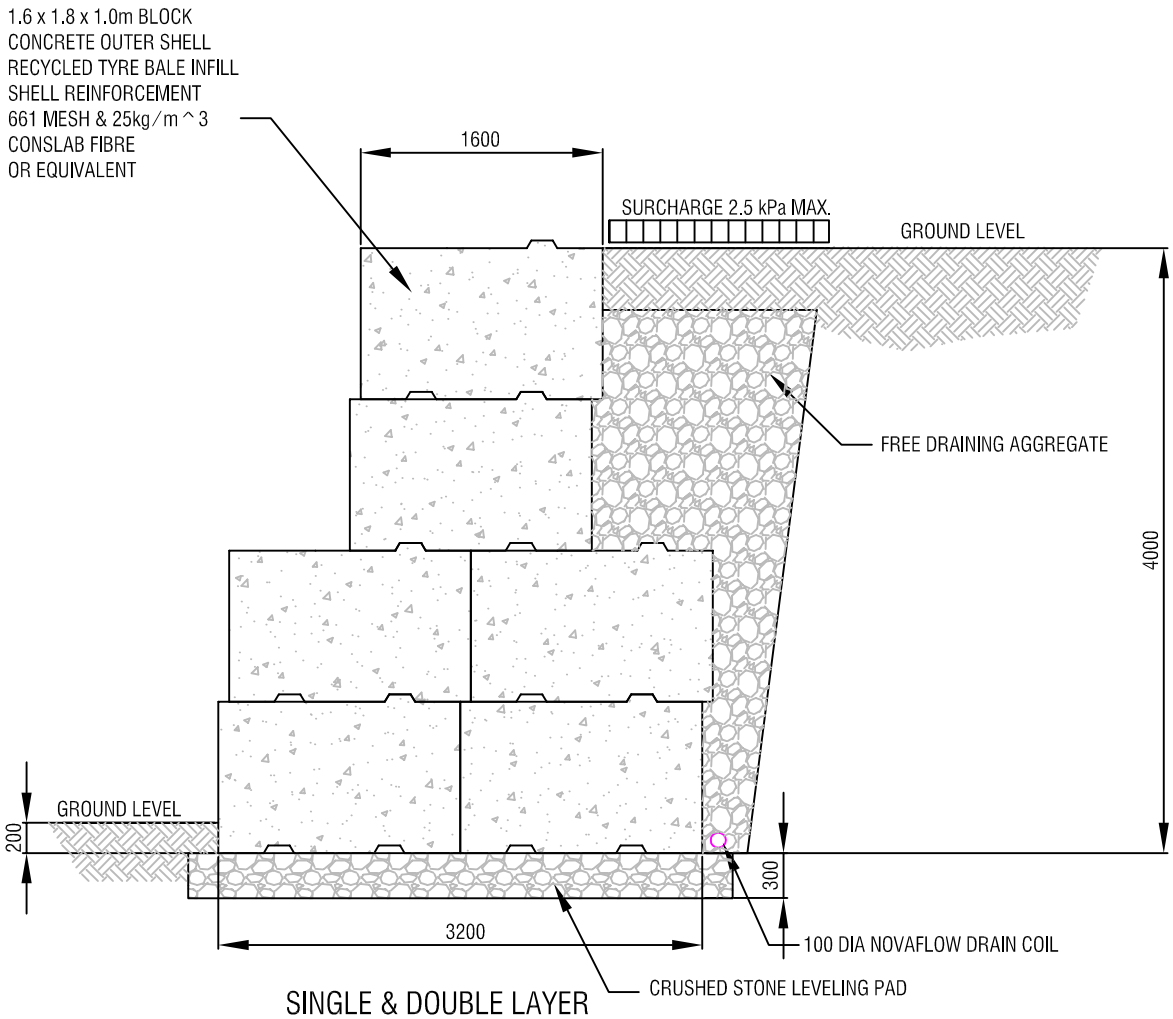

SINGLE & DOUBLE LAYER

SCALE 1:50 @ A4

NOTES

1) DESIGN OF GRAVITY WALL IS BASED ON FOLLOWING ASSUMPTIONS:
- SOIL DENSITY = 18kN/m^3
- FRICTION ANGLE = 30 DEG.
- FRICTION ANGLE FOR SLIDING = 35 DEG.
- SOIL ULTIMATE BEARING CAPACITY = 300 kPa
- BLOCK WEIGHT = 3790 kg/unit

2) ADEQUATE DRAINAGE SHALL BE PROVIDED BEHIND WALL TO AVOID HYDROSTATIC LOADING.

3) CONCRETE BLOCKS LINK TOGETHER AND DO NOT NEED MORTAR OR GROUTING.

4) RETAINING WALL MAY BE CONSTRUCTED ALONG A STARIGHT LINE IN PLAN OR PROFILED TO SUIT SITE REQUIREMENTS.

5) WALL SHALL BE CONSTRUCTED ON A COMPACTED LEVEL BASE.

6) RETAINING WALL APPLICATIONS VARY FROM LANDSCAPING WALLS TO STRUCTURAL RETAINING WALLS WITHIN SPECIFIED PARAMETERS.

7) SPECIFIC DESIGN IS REQUIRED WHEN SOIL DATA, WALL HEIGHTS OR LOADING VARY FROM SPECIFIED VALUES.

8) IN ALL CASES, IT IS RECOMMENDED THAT DESIGN IS CHECKED BY A QUALIFIED DESIGN ENGINEER FOR THE ACTUAL DESIGN CONDITIONS AT THE PROPOSED SITE.

PROJECT NAME:

PROPOSED MASS GRAVITY WALL

FOR PACIFIC RUBBER RECYCLING LTD.

SHEET TITLE:

RETAINING WALL: DOUBLE LAYER GRAVITY WALL

Rev	Description	By	Date

	SIGNED	DATE
Surveyed		
Designed	AA	03-11-11
Drawn	AD	16-11-11
Checked	AA	21-11-11
Approved	BV	22-11-11

File Name: 4303\...\GRAVITY WALL