



LEGEND:

RETAINING WALLS W DRAINAGE (H=HEIGHT, C=CHAINAGE, ARROWS SHOW FALL DIRECTION)

EARTHWORKS EXTENT

EARTHWORKS SECTIONS

PAVEMENT

BUILDINGS

NEW PARCELS

EXISTING PARCELS

EXISTING KERBLINES

EXISTING IMPERVIOUS

EXISTING BUILDINGS

CUT/FILL HEIGHTS

| |
|----------------|
| -12.00--10.00m |
| -10.00--8.00m |
| -8.00--6.00m |
| -6.00--4.00m |
| -4.00--2.00m |
| -0.05--2.00m |
| -0.05-0.05m |
| 0.05-2.00m |
| 2.00-4.00m |
| 4.00-6.00m |
| 6.00-8.00m |
| 8.00-10.00m |
| 10.00-12.00m |

| EW ID | UNITS | EW001 | TOTAL |
|--------------------|--------|----------|----------|
| AREA | m² | 15,761 | 15,761 |
| CUT | m³ | 12,836.7 | 12,836.7 |
| BULK TOT. CUT | m³ | 12,836.7 | 12,836.7 |
| MAX. CUT DEPTH | m | 7.8 | 7.8 |
| FILL | m³ | 15,450.0 | 15,450.0 |
| FILL +15% BF. | m³ | 17,767.5 | 17,767.5 |
| BULK TOT. FILL | m³ | 17,767.5 | 17,767.5 |
| BULK CUT OFFSITE | m³ | - | 0.0 |
| BULK CUT TO FILL | m³ | - | 12,836.7 |
| BULK FILL IMPORT | m³ | - | 4,930.8 |
| BULK TOT. VOL. | m³ | 30,604.1 | 30,604.1 |
| MAX. FILL HEIGHT | m | 11.8 | 11.8 |
| BULK TRUCKS | Trucks | - | 822 |
| TOPSOIL TOT. PLACE | m³ | 1,746.8 | 1,746.8 |
| TOPSOIL TOT. VOL. | m³ | 1,746.8 | 1,746.8 |
| TOPSOIL TRUCKS | Trucks | - | 291 |
| EW TOT. VOL. | m³ | 32,350.9 | 32,350.9 |
| EW TOT. TRUCKS | Trucks | - | 1,113 |

Existing Surf. is finished ground level
Proposed Surf. is to Building, Pavement and Grass Subgrade, topsoil depth of 0.225m

NOTES:

1. ALL WORKS TO COMPLY WITH COUNCIL AND PUBLIC NETWORK OPERATOR STANDARDS. ANY AMBIGUITY BETWEEN DRAWINGS AND STANDARDS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION.

2. THE CONTRACTOR IS TO PEG INFRASTRUCTURE LOCATIONS AND EARTHWORKS LEVELS PRIOR TO ORDERING MATERIALS.

3. UNDERFILL DRAINAGE IS TO BE INSTALLED AT THE DIRECTION OF THE ENGINEER. IF THE CONTRACTOR ENCOUNTERS SPRINGS OR OTHER SOURCES OF WATER, THEY ARE TO NOTIFY THE ENGINEER.

4. EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING SITES UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS.

5. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE.

6. THE CONTRACTOR SHALL CLARIFY THE AREAS AND EXTENT OF CLEARING WITH THE ENGINEER BEFORE COMMENCEMENT AND CONFIRM THAT ALL NECESSARY CONSENTS ARE IN PLACE.

7. EARTHWORKS TOLERANCES ARE TO BE +25mm.

8. ALL VOLUMES ARE SOLID MEASURE, NO BULKING FACTOR APPLIED UNLESS OTHERWISE NOTED.

9. RETAINING WALL SETOUT - EXACT SETTING OUT POSITION OF RETAINING WALLS IN RELATION TO LOT BOUNDARIES AND BUILDINGS TO BE OBTAINED FROM ARCHITECT OR STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION COMMENCING.

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|---------------------|--|--------------------------------------|----------------------|------------------------------|--|
| DESIGNED: PE | | PROJECT: 19-25 VERRAN RD, BIRKENHEAD | TITLE: CUT FILL PLAN | STATUS: FOR RESOURCE CONSENT | |
| DRAWN: PE | | | | DRAWING NO: 20000 | |
| RELEASED: CT | | | | SCALE & SIZE: 1:1,000 A3 | |
| REVISION: AMENDMENT | | | | REV: 21/12/2022 | |