

EVERLEIGH EARTHWORKS TOLERANCE TABLE

ITEM	TOLERANCE
EARTHWORKS IN ALLOTMENTS AND VERGES ^(a)	EWL or FSL +/- 50mm
CUT BATTERS (OTHER THAN IN LOTS)	EWL or FSL +/- 150mm ^(b)
FILL BATTERS (OTHER THAN IN LOTS)	EWL or FSL +/- 300mm ^(b)
EARTHWORKS IN PARKS	EWL or FSL +/- 50mm

(a) TOLERANCE IS -0mm / +50mm WHERE ADJACENT DRAINAGE ELEMENT. MEASURED FROM THE AVERAGE SLOPE PLANE.
 (b) TOLERANCE IS -0mm / +50mm WHERE ADJACENT DRAINAGE ELEMENT. MEASURED FROM THE AVERAGE SLOPE PLANE.

TOLERANCE NOTES

1. EARTHWORKS LEVEL (EWL) IS 100mm BELOW FINISHED SURFACE LEVEL (FSL).
2. FINISHED SURFACE LEVEL (FSL) IS TOP OF TURF / STABILISED TOPSOIL LEVEL.
3. ROADWORKS SUBGRADE, PAVEMENT, ASPHALT CONSTRUCTION LEVEL TOLERANCES AS PER LCC PSP No. 5.
4. STORMWATER DRAINAGE CONSTRUCTION LEVEL TOLERANCES AS PER LCC PSP No. 5.
5. SEWER AND WATER RETICULATION CONSTRUCTION LEVEL TOLERANCES AS PER SEQ D & C CODE.

LEGEND - PROPOSED

- EXTENT OF CUT
- EXTENT OF FILL
- FINISHED MAJOR CONTOURS (0.50m)
- FINISHED MINOR CONTOURS (0.10m)
- FINISHED SURFACE PAD LEVEL
- PROPOSED CONCRETE SLEEPER RETAINING WALL (AND HEIGHT). TIMBER TEXTURED SLEEPERS AND 2 COAT PAINT. DESIGN SPECIFICATION BY MANUFACTURER
- PROPOSED CONCRETE PANEL RETAINING WALL (AND HEIGHT). 2 COAT TEXTURED PAINT. DESIGN SPECIFICATION BY MANUFACTURER
- FEATURE FENCE BY LANDSCAPER (ON TOP OF RETAINING WALL WHERE WALL EXISTS)
- FOOTPATH SPOT LEVEL
- ZERO LOT LINE
- STAGE BOUNDARY

LEGEND - EXISTING

- EXISTING RETAINING WALL
- EXISTING CONTOURS (0.50m)
- EXISTING STORMWATER
- EXISTING SEWER
- EXISTING WATER
- EXISTING ELECTRICITY
- EXISTING TELECOMMUNICATIONS
- EXISTING GAS

EARTHWORKS FILLING SPECIFICATION

1. ALL FILLING TO BE CARRIED OUT IN ACCORDANCE WITH AS3798 UNDER LEVEL ONE SUPERVISION
2. MAXIMUM FILL LAYER THICKNESS PRIOR TO COMPACTION - 300mm
3. MAXIMUM PARTICLE SIZE - 200mm BEING 2/3 MAXIMUM LAYER THICKNESS
4. COARSE ROCK FRAGMENTS WITHIN THE FILL (MEDIUM GRAVEL SIZE (19mm) AND GREATER) SHOULD BE NO MORE THAN 20% BY MASS. ROCK FILL IS NOT SUITABLE AT THIS RATE
5. BREAK DOWN OF LARGE ROCK FRAGMENTS TO THE MAXIMUM PARTICLE SIZE OF 200mm ARE TO BE CARRIED OUT AT THE CUT PRIOR TO CARTING AND PLACEMENT AS FILL. THE GTA IS TO APPROVE ALL FILL MATERIAL AT THE CUT PRIOR TO CARTING AND PLACEMENT AS FILL

- COMPACTION:**
- RESIDENTIAL AREA AND ROADS BELOW 300mm FROM SUBGRADE LEVEL 95% SMDD
 - ROADS WITHIN 300mm SUBGRADE -100% SMDD
- MOISTURE:**
- FILL - +/- 2% OMC AND TESTED AT FREQUENCIES AS DEFINED IN TABLE 8.1 IN AS3798 FOR TYPE 1 EARTHWORKS.
 - SUBGRADE - 60% TO 100% OMC

RETAINING WALL SHOP DRAWINGS

CONTRACTOR MUST PREPARE RETAINING WALL SHOP DRAWINGS FOR APPROVAL BY SUPERINTENDENT PRIOR TO COMMENCING RETAINING WALL CONSTRUCTION. SHOP DRAWINGS ARE TO DETAIL THE FOLLOWING ELEMENTS:

- ELEVATIONS OF ALL PROPOSED RETAINING WALLS AND ACOUSTIC FENCES
- TOP AND BOTTOM RLS TO SLEEPER/PANEL
- FINISHED PAD/ROAD SURFACE LEVELS
- DIMENSIONS OF RETAINING WALL END FINISHING CONFIGURATION, OFFSETS FROM BOUNDARIES
- POST DETAILS FOR INTRICATE INTERSECTION POINTS

RETAINING WALL SUBSOIL DRAINAGE OUTLET DESIGN:

RETAINING WALL SUBSOIL DRAINAGE PIPE OUTLET LOCATIONS SHALL BE IN ACCORDANCE WITH THE EVERLEIGH RETAINING WALL DESIGN SPECIFICATION. THE PRINCIPAL CIVIL CONTRACTOR SHALL DETERMINE THE LOCATION OF RETAINING WALL SUBSOIL DRAINAGE PIPES IN ACCORDANCE WITH THE EVERLEIGH RETAINING WALL DESIGN SPECIFICATION AND PROVIDE PROPOSAL TO THE SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCING RETAINING WALL CONSTRUCTION.

DISPERSIVE SOILS MANAGEMENT NOTES:

1. STABILISATION OF DISTURBED AREAS AND MANAGEMENT OF EROSION AND SEDIMENT SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL PLANS IN THIS DRAWING SET.
2. CONTRACTOR MUST CONSTRUCT AND ESTABLISH THE EROSION AND SEDIMENT CONTROL DEVICES, CONSTRUCTION WATER HOLDING DAM AND HES BASIN PRIOR TO COMMENCING EARTHWORKS OPERATION.
3. ALL DISTURBED AREAS SHALL BE STABILISED AS SOON AS PRACTICABLE (BUT NOT MORE THAN 10 DAYS) FOLLOWING FINALISATION OF LEVELS. STABILISATION TO BE IN ACCORDANCE WITH DRAWING C702 - EROSION & SEDIMENT CONTROL - STABILISATION PHASE.

EXCAVATION IN ROCK

CONTRACT SHALL INCLUDE TREATING, SIZING, CONDITIONING AND PROCESSING ALL TYPES OF ROCK IN ALL EXCAVATIONS. PROCESSING TO BE COMPLETED AS PER AS3798 - GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS TO ENSURE LEVEL 1 IS ACHIEVED.

RETAINING WALL DESIGN:

ALL RETAINING WALLS SHALL BE DESIGNED & CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN AND CONSTRUCTION RETAINING WALL SPECIFICATION" PREPARED BY PREMISE ENGINEERING.

NOTES

1. REFER BULK EARTHWORKS NOTES AND DETAILS DRAWINGS.
2. PROPOSED SERVICES WITHIN THE VICINITY OF RETAINING WALLS. REFER SERVICE DRAWINGS FOR SERVICE LOCATIONS.
3. EXISTING DWELLINGS, FENCES ETC. TO BE DEMOLISHED & REMOVED OFF SITE BY OTHERS.
4. FINAL RETAINING WALL TYPES TO BE CONFIRMED BY DEVELOPER PRIOR TO CONSTRUCTION.

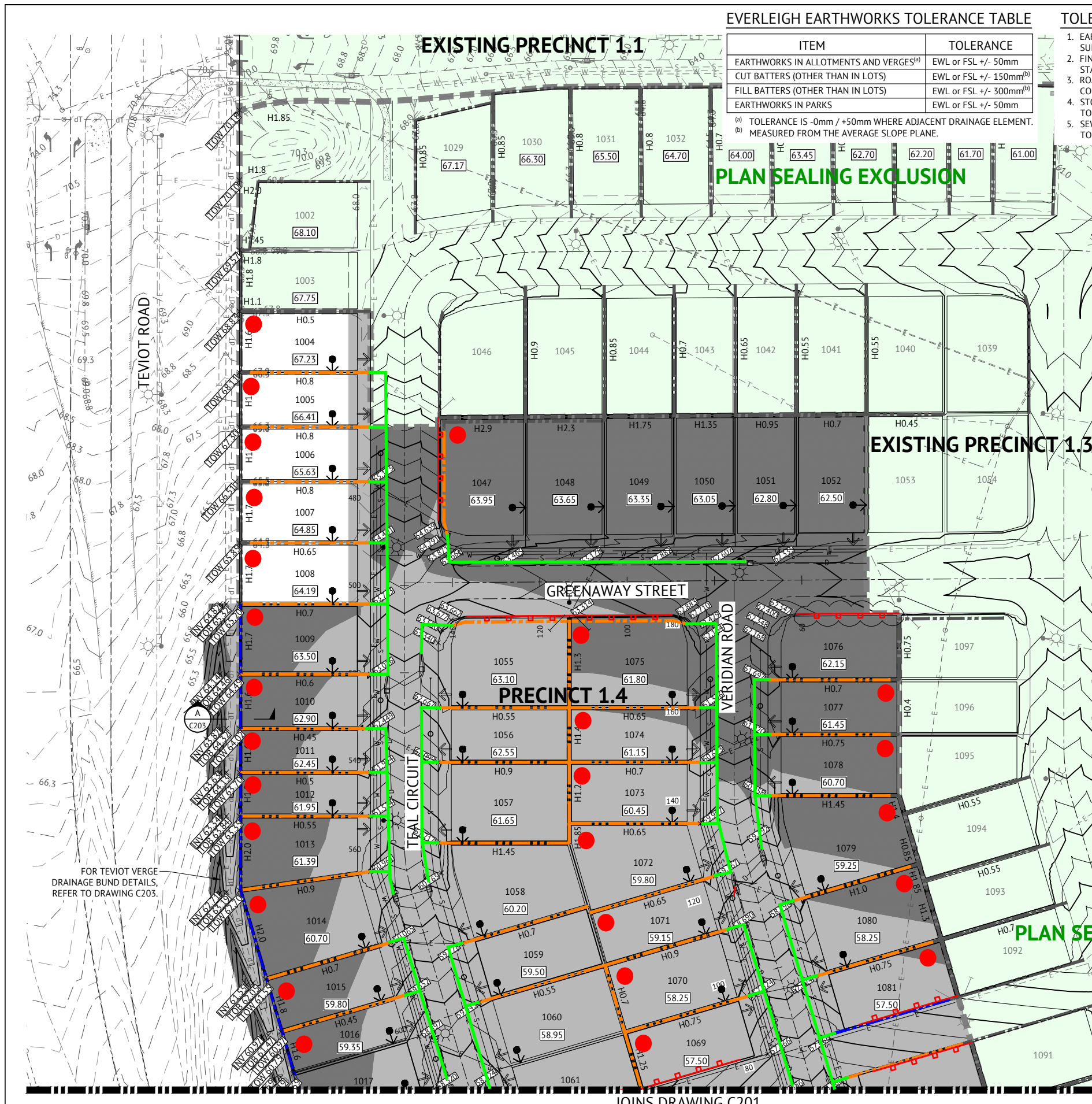
- FOR TYPICAL SECTIONS AND NOTES REFER TO DRAWING No. C202 - EARTHWORKS NOTES AND DETAILS.

PROPERTY SERVICES UNDER RETAINING WALLS:

CONTRACTOR SHALL REFER TO ALL LATEST SERVICE DRAWINGS TO ENSURE PROVISIONS ARE MADE FOR ALL PROPERTY SERVICE CONNECTIONS UNDER RETAINING WALLS.

PAD MOUNTED TRANSFORMER NOTE

- RETAINING WALLS AND THEIR FOOTINGS SHALL NOT ENCRUCH INTO THE PMT SITE (AS PER RETAINING WALLS LOCATED ADJACENT ROAD RESERVES DETAIL).
- RETAINING WALL DESIGN SHALL CONSIDER ENERGEX REQUIREMENT WHERE RETAINING WALLS ARE LOCATED WITHIN 2m OF PMT SITE.



JOINS DRAWING C201

DATE	REV	DESCRIPTION	REVISIONS
10/01/20	E	ADDED EARTHWORK FILLING SPECIFICATION AND FEATURE FENCE ON CORNER LOT, AMENDED FEATURE FENCE LEGEND	JS
19/12/19	D	UPDATED TOLERANCE TABLE AND ADDED NOTES	JS
16/04/19	C	ADDED EARTHWORKS TOLERANCE TABLE AND NOTES, AMENDED BUND ON TEVIOT ROAD	JCS
08/08/18	B	PAD FRONT BOD OFFSET REDUCED TO 3M & MINOR EARTHWORKS ALONG P1.1 INTERFACE WITH LOTS	KH
02/07/18	A	ORIGINAL ISSUE	KH

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DESIGNED: MICHAEL MAJZNER
 CHECKED: MICHAEL MAJZNER
 PROJECT MANAGER: JOSHUA STONE
 PROJECT DIRECTOR: JOSHUA STONE

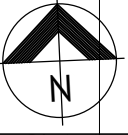
DATE: 10/01/20

RPEQ: JOSHUA STONE
 DATE: 10/01/20
 SCALE: 1:500 (A1)

CLIENT: MIRVAC
 PROJECT: EVERLEIGH PRECINCT 1.4 SUBDIVISION DEVELOPMENT
 LOCATION: TEVIOT ROAD, GREENBANK
 SHEET TITLE: EARTHWORKS LAYOUT PLAN - SHEET 1 OF 2

JOB CODE: MIR001-04
 SHEET NUMBER: C200
 REV: E

- Subsoil Outlets
- Retaining Wall
- Subsoil Drains



FOR TEVIOT VERGE DRAINAGE BUND DETAILS, REFER TO DRAWING C203.

Daylight retaining wall subsoil drains with roadbox subsoil drains

PLAN SEALING EXCLUSION

- FOR TYPICAL SECTIONS AND NOTES REFER TO DRAWING No. C202 - EARTHWORKS NOTES AND DETAILS.
- REFER TO DRAWING No. C200 FOR LEGEND.

DATE	REV	DESCRIPTION	REVISIONS	RPEQ
10/01/20	E	AMENDED PAD LEVELS AND RET WALL HEIGHTS, ADDED FEATURE FENCES ON CORNER LOTS AND STUB ON LOT 1169	JS	
19/12/19	D	AMENDED PAD LEVELS AND RET WALL HEIGHTS	JS	
16/04/19	C	AMENDED BUND ON TEVIOT ROAD, AMENDED WALL HEIGHTS AND PAD LEVELS	JCS	
08/08/18	B	UPDATED PROJECT DIRECTOR AND RPEQ DETAILS - NO ADDITIONAL DESIGN AND DRAFTING AMENDMENTS	KH	
02/07/18	A	ORIGINAL ISSUE	KH	

Premise

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CLIENT: **MIRVAC**

PROJECT: **EVERLEIGH PRECINCT 1.4 SUBDIVISION DEVELOPMENT**

LOCATION: **TEVIOT ROAD, GREENBANK**

SHEET TITLE: **EARTHWORKS LAYOUT PLAN - SHEET 2 OF 2**

Subsoil Outlets

Retaining Wall Subsoil Drains

JOB CODE: **MIR001-04**

SHEET NUMBER: **C201**

REV: **E**