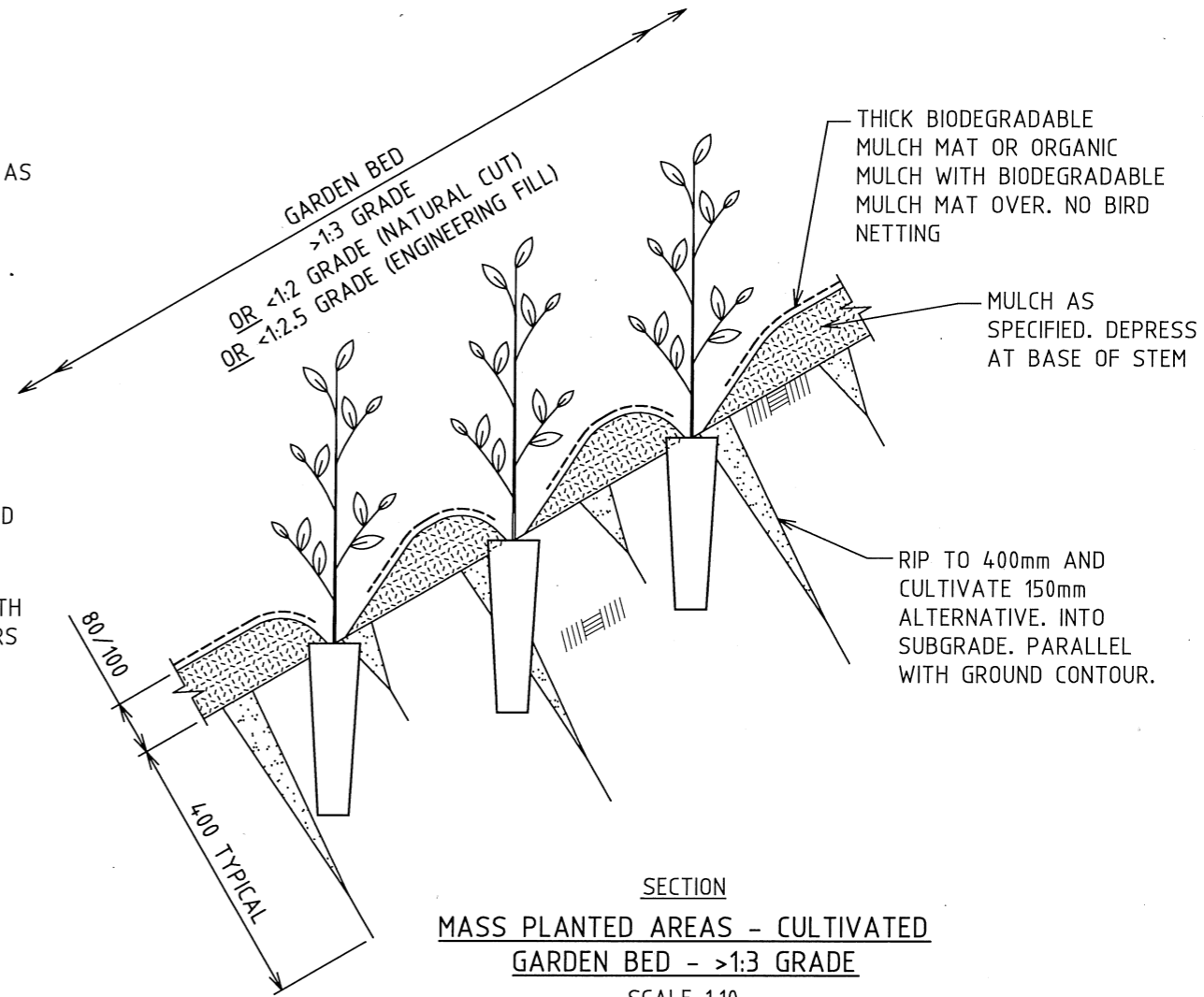


SECTION  
**MASS PLANTED AREAS - CULTIVATED GARDEN BED - <math><1:3</math> GRADE**  
 SCALE 1:10



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**NOTES**

**RIPPING**

1. RIPPING DEPTHS MAY VARY ACCORDING TO THE SITE REQUIREMENTS. UNLESS OTHERWISE SPECIFIED ON THE PROJECT DOCUMENTATION, RIP TO 400MM DEPTH.

**CULTIVATION**

1. CULTIVATE TO BREAK UP LARGE SOIL CLODS. REMOVE AND DISPOSE OFF-SITE LARGE STONES EXCEEDING 100<math>\varnothing</math>, AND OTHER DELETERIOUS MATTER SUCH AS ROOTS, STICKS, RUBBISH, LARGE WEEDS BROUGHT TO THE SURFACE DURING CULTIVATION.

2. REMOVE ANY MATERIAL DETRIMENTAL TO PLANT GROWTH EG. CONTAMINATED SOIL.

3. INCORPORATE ANY SOIL ADDITIVES, EG. GYPSUM, DURING CULTIVATION.

**TOPSOIL**

1. SANDY LOAM (OR OTHER FRIABLE TEXTURE & NOT HARD-SETTING), WITH 5-10% ORGANIC MATTER WELL COMPOSTED, pH RANGE 5.5-7.5, FREE-DRAINING (HYDRAULIC CONDUCTIVITY OF 2-100cm/h), LOW PHOSPHORUS CONTENT FOR PHOSPHORUS-SENSITIVE SPECIES, EG. NATIVES.

2. TOPSOIL SHALL COMPLY WITH AS4419-2003 (SOILS FOR LANDSCAPING AND GARDEN USE).

3. WHERE PRACTICAL, REMOVE AND STOCKPILE & IMPROVE SITE TOPSOIL IN PREFERENCE TO IMPORTING TOPSOIL.

**SOIL ADDITIVES**

1. IMPROVE SITE TOPSOIL WITH ADDITIVES IN ACCORDANCE WITH AS4454-2003 (COMPOSTS, SOIL CONDITIONERS AND MULCHES).

2. TO CLAY SUBSOIL, INCORPORATE GYPSUM AT RATES RECOMMENDED BY THE MANUFACTURER.

3. TO THE BASE OF EACH PLANTING HOLE, INCORPORATE A SOIL CONDITIONER / FERTILISER EQUAL TO TERRACOTTEM, AT RATES RECOMMENDED BY THE MANUFACTURER.

**TOPSOIL DEPTH**

1. 200-300mm UNLESS OTHERWISE SPECIFIED ON THE PROJECT DOCUMENTATION, FINISH TO ALLOW FOR PLACEMENT OF MULCH TO FINISH FLUSH WITH SURROUNDING SURFACES.

2. PROVIDE A SMOOTH RAKED FINISH READY FOR MULCH PLACEMENT.

**MULCH**

1. UNLESS OTHERWISE SPECIFIED ON THE PROJECT DOCUMENTATION, PROVIDE A COARSE, PASTEURIZED ORGANIC MULCH, SOURCED FROM NATIVE SPECIES, EXCLUDING POLYMERS WHICH DO NOT DEGRADE SUCH AS PLASTICS, RUBBER AND COATINGS. AT LEAST 70% BY MASS OF ITS PARTICLES SHALL BE >16MM. COMPLY WITH AS4454-2003 (COMPOSTS, SOIL CONDITIONERS AND MULCHES).

7. MULCH DEPTH - 80-100MM. SPREAD TO PROVIDE EVEN THICKNESS THROUGHOUT THE PLANTING AREAS, EXTENDING TO THE DEPTH TO ALL EDGES.

2. UNLESS OTHERWISE SPECIFIED ON THE PROJECT DOCUMENTATION, FINISH FLUSH WITH SURROUNDING SURFACES.

**POT SIZES AND PLANTING DENSITIES**

1. AS SCHEDULED IN THE PROJECT DOCUMENTATION.

**WITNESS POINTS**

1. CONTACT THE PROJECT LANDSCAPE ARCHITECT MIN 2 WORKING DAYS NOTICE TO OBTAIN APPROVAL AT THE FOLLOWING POINTS:

- RIPPING & CULTIVATION OF SUBSOIL COMPLETE PRIOR TO PLACEMENT OF TOPSOIL.
- MULCH PLACED READY FOR PLANTING.
- COMPLETION OF PLANTING.

<table border="1"> <tr> <td>1</td> <td>CONSTRUCTION</td> <td>18.12.14</td> <td>T.A.</td> </tr> <tr> <td>0</td> <td>PRELIMINARY</td> <td>18.11.14</td> <td>T.A.</td> </tr> <tr> <td>No.</td> <td>AMENDMENT DETAILS</td> <td>DATE</td> <td>INITIALS</td> </tr> </table>				1	CONSTRUCTION	18.12.14	T.A.	0	PRELIMINARY	18.11.14	T.A.	No.	AMENDMENT DETAILS	DATE	INITIALS	SCALE AS SHOWN	LIVEABLE CITY INFRASTRUCTURE MANAGEMENT SERVICES	APPROVED:  SIGNED: INFRASTRUCTURE MANAGEMENT SERVICES MANAGER DATE: 16/11/16	THE CITY OF NEWCASTLE PLANTED AREAS RIPPED SITE SOIL GARDEN BED	NCC PLAN No. <b>A3031</b>	SHEET No. 1 OF 1 SHEETS
1	CONSTRUCTION	18.12.14	T.A.																		
0	PRELIMINARY	18.11.14	T.A.																		
No.	AMENDMENT DETAILS	DATE	INITIALS																		
A3 ORIGINAL THIS SHEET WAS PREPARED IN COLOUR AND WILL BE INCOMPLETE IF COPIED				COORDINATE SYSTEM:	HEIGHT DATUM: AHD	REVIEWED: J.C.	AMENDMENT No.														