

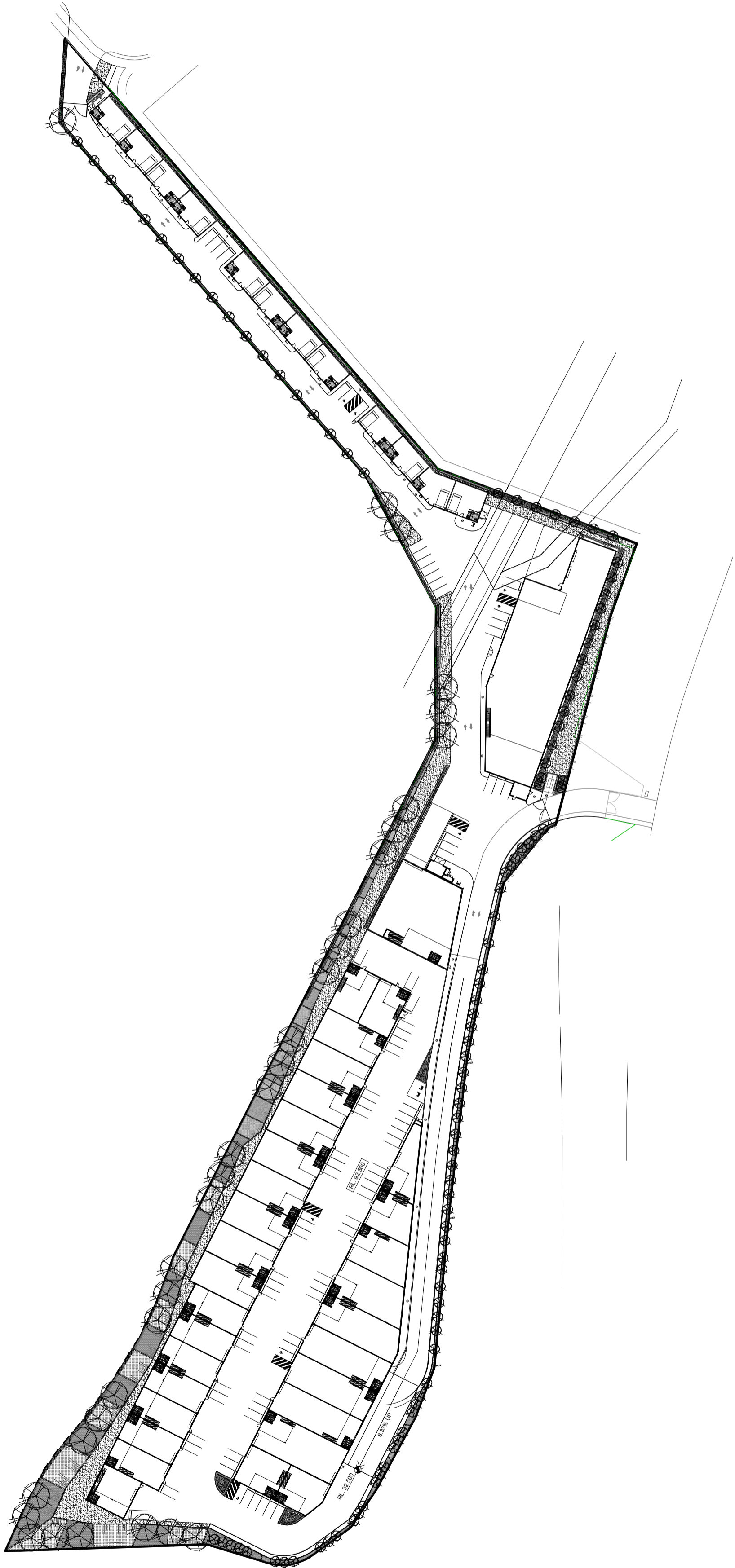
# HANNAS Prospect Highway Greystanes

## Lot 37 Prospect Highway, Greystanes NSW

### Development Application

#### DRAWINGS

DWG NO.	DRAWING TITLE	SCALE
000	COVER SHEET	
100	COLOUR LANDSCAPE PLAN	
101	LANDSCAPE PLAN 1	1:150
102	LANDSCAPE PLAN 2	1:150
103	LANDSCAPE PLAN 3	1:150
104	LANDSCAPE PLAN 4	1:150
105	LANDSCAPE PLAN 5	1:150
106	LANDSCAPE PLAN 6	1:150
107	LANDSCAPE PLAN 7	1:150
500	LANDSCAPE SPECIFICATIONS & PLANTING SCHEDULE	
502	LANDSCAPE DETAILS	AS SHOWN



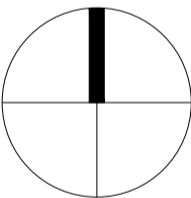
© 2018 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing party.

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

#### LEGEND

Key Plan:



Client:

Hannas

Project:

Hannas Prospect Highway  
Greystanes

Lot 37 Prospect Highway, Greystanes NSW

S I T E I M A G E

Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia

Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au

Site Image (NSW) Pty Ltd  
ABN 44 801 262 380



Landscape Architects

#### DEVELOPMENT APPLICATION

Drawing Name:

Cover Sheet

Scale: 1:1000 @ A1

Job Number:

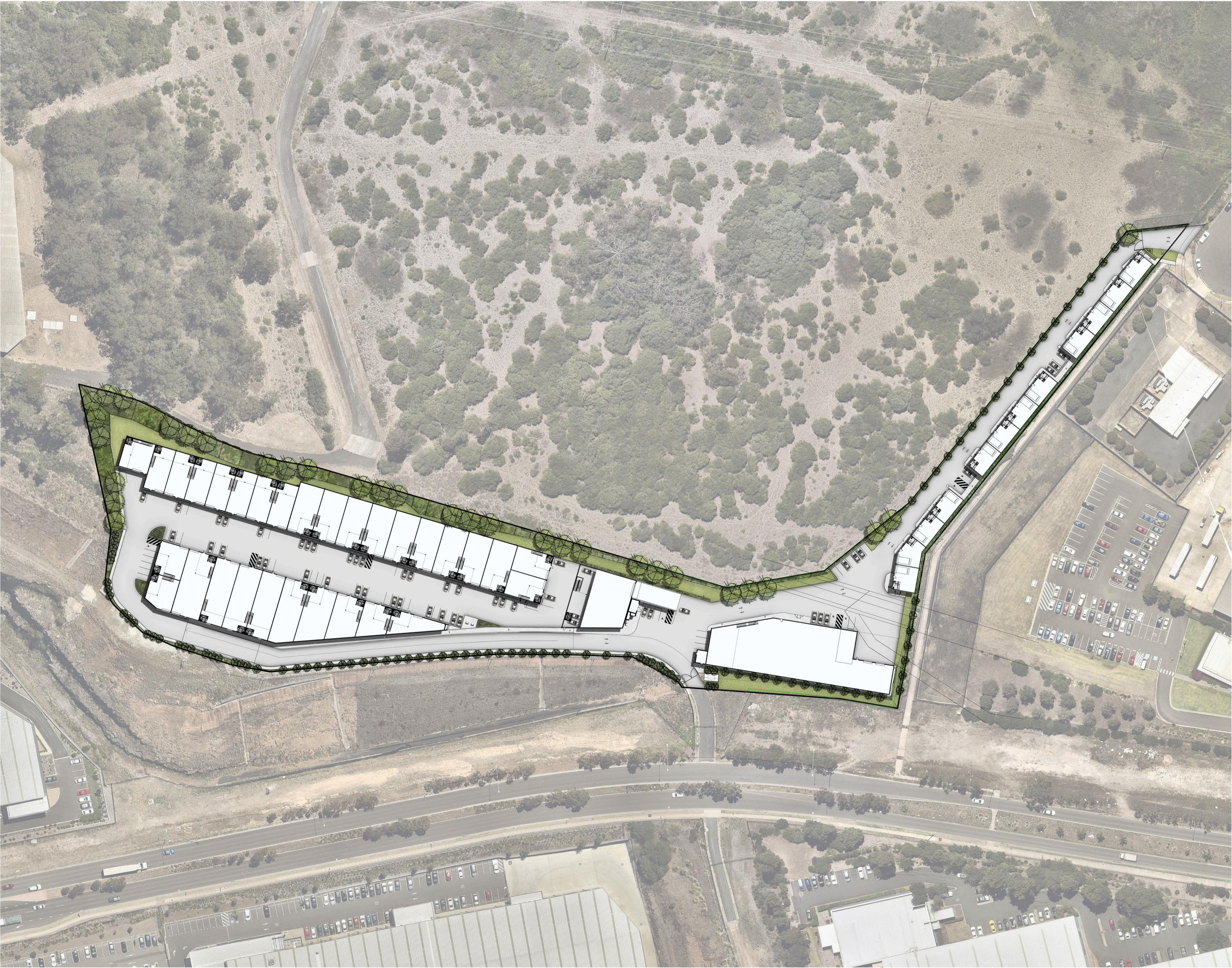
Sheet \_ of \_  
0 5 10 25 50m  
Drawing Number: Issue:

SS17-3706

000 E

01 Site Plan  
000 1:1000

NOT FOR CONSTRUCTION


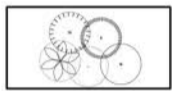

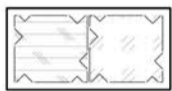




NOT FOR CONSTRUCTION

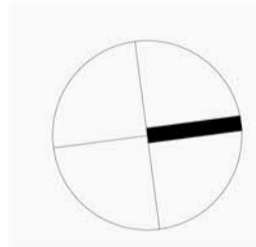
© 2018 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing party.

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

- LEGEND**
-  **Proposed Trees**  
(Refer to Plant Schedule)
  -  **Proposed Accent & Shrubs**  
(Refer to Plant Schedule)
  -  **Proposed Groundcovers**  
(Refer to Plant Schedule)
  -  **Batter Planting**  
(Refer to Plant Schedule)
  -  **Insitu Concrete Path**  
(Refer to Details)
  -  **Pebble Path**  
(Refer to Details)

Key Plan:



Client:  
**Hannas**

Project:  
**Hannas Prospect Highway  
Greystanes**  
Lot 37 Prospect Highway, Greystanes NSW

**SITE IMAGE**  
Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia  
Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au  
Site Image (NSW) Pty Ltd  
ABN 44 801 262 380



**DEVELOPMENT APPLICATION**


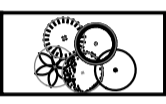

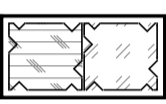
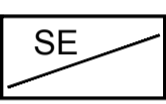


Drawing Name:  
**Colour Landscape Plan**

Scale: NTS  
Job Number: **SS17-3706**  
Drawing Number: **C-100**  
Issue: **E**

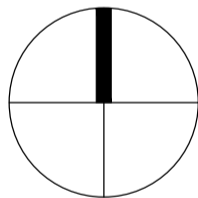
The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

LEGEND

- **Proposed Trees**  
(Refer to Plant Schedule)
- **Proposed Accent & Shrubs**  
(Refer to Plant Schedule)
- **Proposed Groundcovers**  
(Refer to Plant Schedule)
- **Batter Planting**  
(Refer to Plant Schedule)
- **Steel Edge**  
(Refer to Details)
- **Insitu Concrete Path**  
(Refer to Details)
- **Pebble Path**  
(Refer to Details)

Key Plan:



Client:

Hannas

Project:

Hannas Prospect Highway  
Greystanes

Lot 37 Prospect Highway, Greystanes NSW

S I T E I M A G E

Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia

Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au

Site Image (NSW) Pty Ltd  
ABN 44 801 262 380



Landscape Architects

DEVELOPMENT APPLICATION

Drawing Name:

Landscape Plan 1

Scale: 1:150 @ A1

Job Number:

SS17-3706

0 1 2 3 4 5m  
Drawing Number:

Sheet \_ of \_

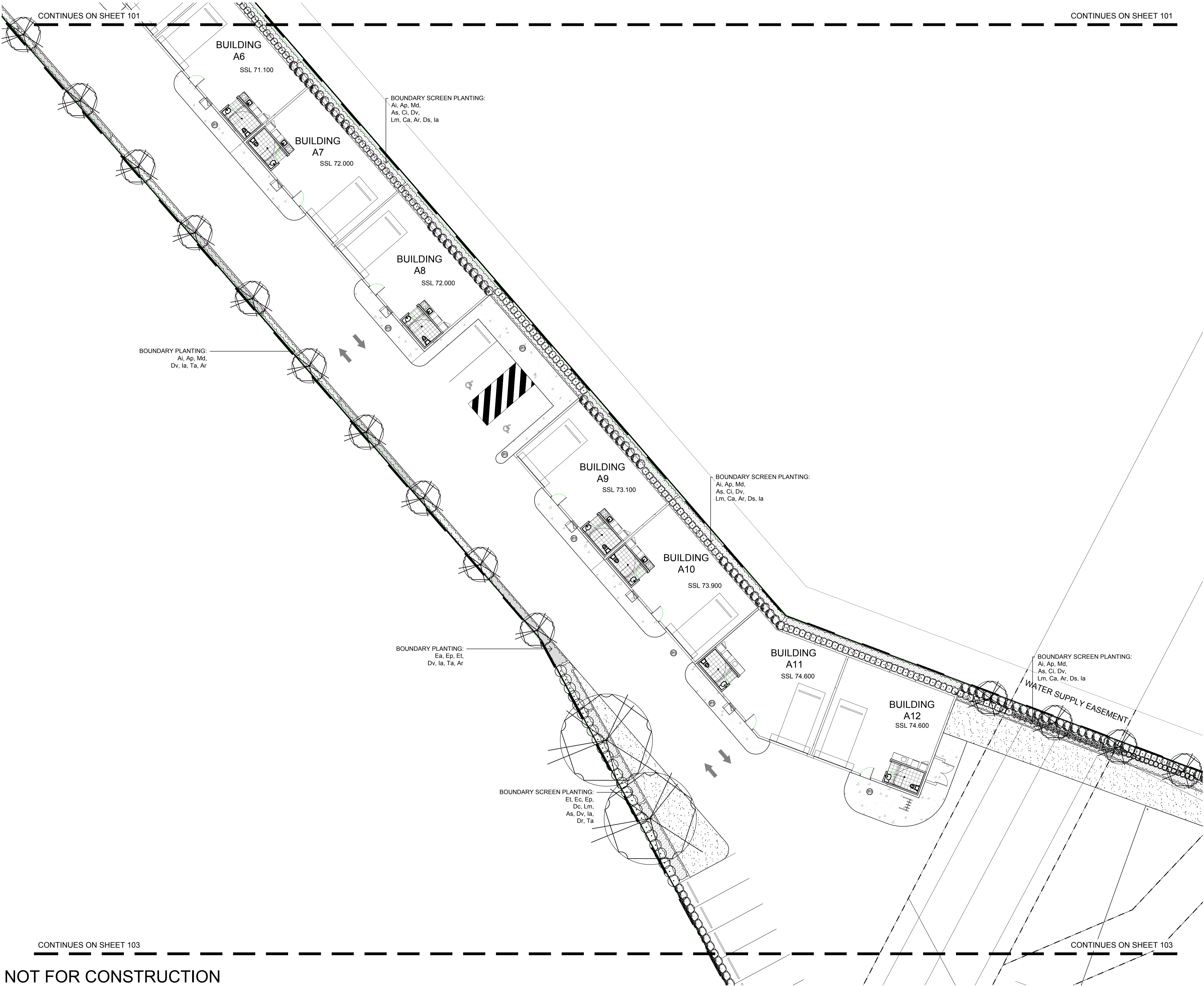
Issue:

101 E

CONTINUES ON SHEET 102

CONTINUES ON SHEET 102

NOT FOR CONSTRUCTION



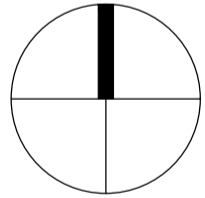
© 2018 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing party.

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

- LEGEND**
- Proposed Trees**  
(Refer to Plant Schedule)
  - Proposed Accent & Shrubs**  
(Refer to Plant Schedule)
  - Proposed Groundcovers**  
(Refer to Plant Schedule)
  - Batter Planting**  
(Refer to Plant Schedule)
  - Steel Edge**  
(Refer to Details)
  - Insitu Concrete Path**  
(Refer to Details)
  - Pebble Path**  
(Refer to Details)

Key Plan:



Client:  
**Hannas**

Project:  
**Hannas Prospect Highway  
Greystanes**  
Lot 37 Prospect Highway, Greystanes NSW

**S I T E I M A G E**

Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia

Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au

Site Image (NSW) Pty Ltd  
ABN 44 801 262 380

Landscape Architects

**DEVELOPMENT APPLICATION**

Drawing Name:  
**Landscape Plan 2**

Scale: 1:150 @ A1  
Job Number:  
**SS17-3706**

Sheet \_ of \_  
Drawing Number:  
**102**

Issue:  
**E**

CONTINUES ON SHEET 102

SSL 74.600

CONTINUES ON SHEET 102

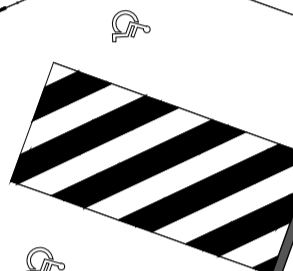
BOUNDARY SCREEN PLANTING:  
Et, Ec, Ep,  
Dc, Lm,  
As, Dv, Ia,  
Dr, Ta

BOUNDARY SCREEN PLANTING:  
Md, Et, Ec,  
Ep, Dc, Lm,  
As, Dv, Ia,  
Dr, Ta

BOUNDARY SCREEN PLANTING:  
Md, Et, Ec,  
Ep, Dc, Lm,  
As, Dv, Ia,  
Dr, Ta

CONTINUES ON SHEET 104

NOT FOR CONSTRUCTION



BUILDING B  
SSL 76.000

WATER SUPPLY EASEMENT

BOUNDARY SCREEN PLANTING:  
Ap, Ep, Em  
As, Ci, Dv,  
Lm, Ca, Ar, Ds, Ia

SCREEN PLANTING:  
Ap, Ep, Em  
As, Ci, Dv,  
Lm, Ca, Ar, Ds, Ia

SCREEN PLANTING:  
Ap, Ep, Em  
As, Ci, Dv,  
Lm, Ca, Ar, Ds, Ia

SCREEN PLANTING:  
Ap, Ep, Em  
As, Ci, Dv,  
Lm, Ca, Ar, Ds, Ia

SUBSTATION PLANTING:  
Ec, CWA, CgIT,  
Dc, Dr, Ia, Lm

© 2018 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing party.

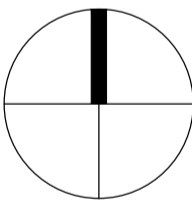
The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2019
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

#### LEGEND

- Proposed Trees**  
(Refer to Plant Schedule)
- Proposed Accent & Shrubs**  
(Refer to Plant Schedule)
- Proposed Groundcovers**  
(Refer to Plant Schedule)
- Batter Planting**  
(Refer to Plant Schedule)
- Steel Edge**  
(Refer to Details)
- P1 Insitu Concrete Path**  
(Refer to Details)
- P2 Pebble Path**  
(Refer to Details)

Key Plan:



Client:

Hannas

Project:

Hannas Prospect Highway  
Greystanes

Lot 37 Prospect Highway, Greystanes NSW

S I T E I M A G E

Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia

Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au

Site Image (NSW) Pty Ltd  
ABN 44 801 262 380



Landscape Architects

DEVELOPMENT APPLICATION

Drawing Name:

Landscape Plan 3

Scale: 1:150 @ A1

Job Number:

SS17-3706

Sheet \_ of \_  
0 1 2 3 4 5m  
Drawing Number:


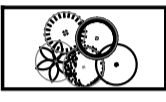
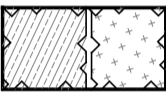
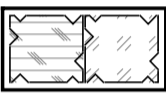
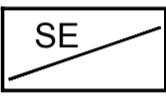


Issue:

103 E

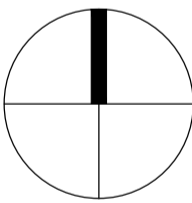
© 2018 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing party.

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

- LEGEND
-  **Proposed Trees**  
(Refer to Plant Schedule)
  -  **Proposed Accent & Shrubs**  
(Refer to Plant Schedule)
  -  **Proposed Groundcovers**  
(Refer to Plant Schedule)
  -  **Batter Planting**  
(Refer to Plant Schedule)
  -  **Steel Edge**  
(Refer to Details)
  -  **Insitu Concrete Path**  
(Refer to Details)
  -  **Pebble Path**  
(Refer to Details)

Key Plan:



Client:  
**Hannas**

Project:  
**Hannas Prospect Highway  
Greystanes**  
Lot 37 Prospect Highway, Greystanes NSW

**S I T E I M A G E**

Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia

Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au

Site Image (NSW) Pty Ltd  
ABN 44 801 262 380

Landscape Architects

**DEVELOPMENT APPLICATION**

Drawing Name:  
**Landscape Plan 4**

Scale: 1:150 @ A1  
Job Number:  
**SS17-3706**

Sheet \_ of \_  
Drawing Number:  
**104**


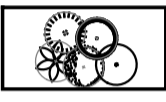
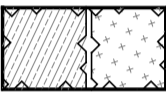
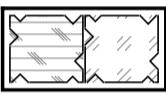
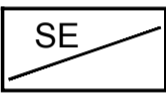


Issue:  
**E**

NOT FOR CONSTRUCTION

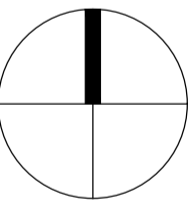
© 2018 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical) including photocopy without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing party.

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2019
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

- LEGEND**
-  **Proposed Trees**  
(Refer to Plant Schedule)
  -  **Proposed Accent & Shrubs**  
(Refer to Plant Schedule)
  -  **Proposed Groundcovers**  
(Refer to Plant Schedule)
  -  **Batter Planting**  
(Refer to Plant Schedule)
  -  **Steel Edge**  
(Refer to Details)
  -  **Insitu Concrete Path**  
(Refer to Details)
  -  **Pebble Path**  
(Refer to Details)

Key Plan:



Client:  
**Hannas**

Project:  
**Hannas Prospect Highway  
Greystanes**  
Lot 37 Prospect Highway, Greystanes NSW

**S I T E I M A G E**

Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia

Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au

Site Image (NSW) Pty Ltd  
ABN 44 801 262 380

  
Landscape Architects

**DEVELOPMENT APPLICATION**

Drawing Name:  
**Landscape Plan 5**

Scale: 1:150 @ A1  
Job Number:  
Drawing Number:  
Sheet \_ of \_  
Issue:

SS17-3706 105 E

BOUNDARY SCREEN PLANTING:  
Md, Et, Ec,  
Ep, Dc, Lm,  
As, Dv, Ia,  
Dr, Ta

TRAFFIC ISLAND PLANTING:  
Ec, CWA, CgIT,  
Dc, Dg, Hs, Mp

ERL 90.000

ERL 85.000

RL 92.500

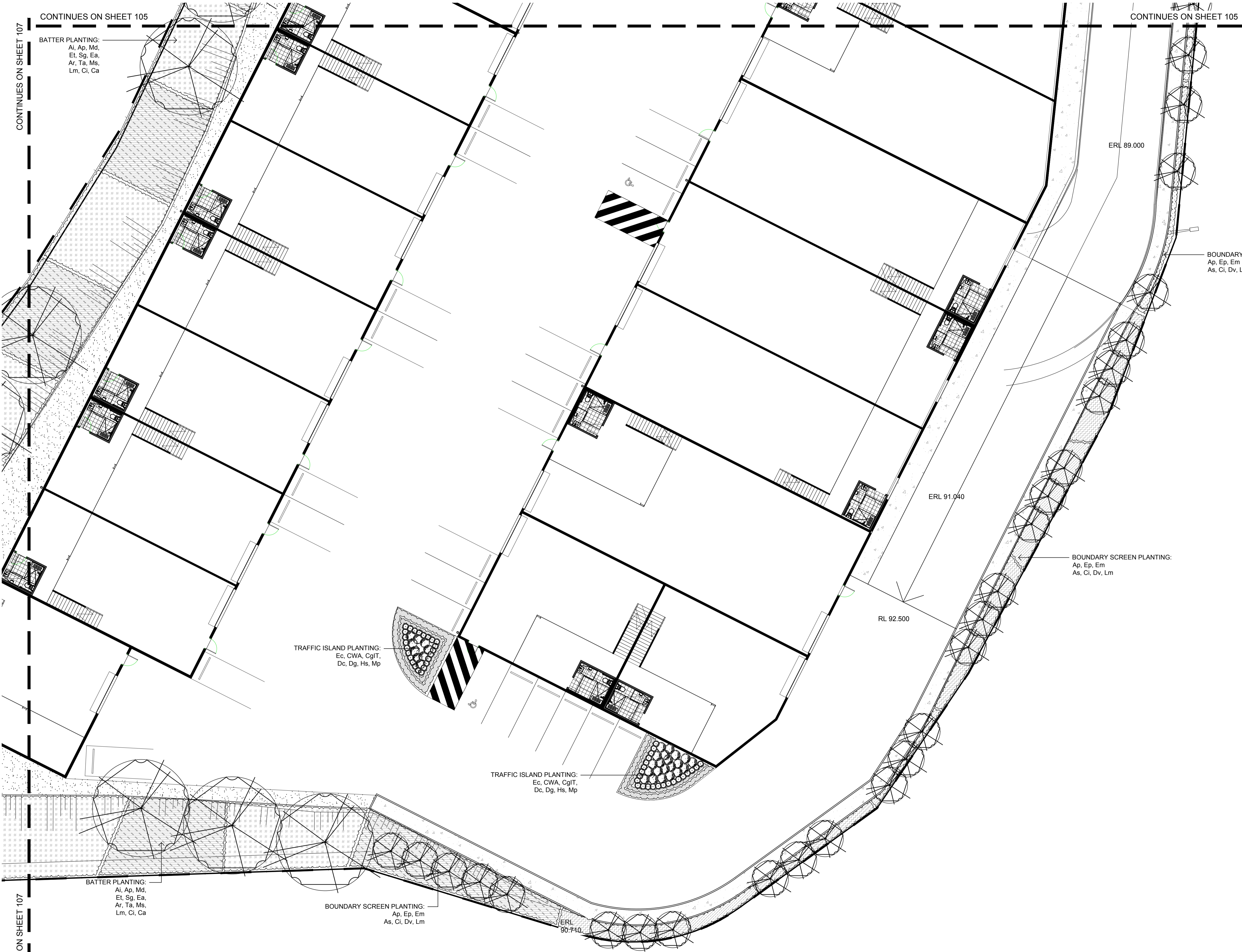
BOUNDARY SCREEN PLANTING:  
Ap, Ep, Em  
As, Ci, Dv, Lm

BATTER PLANTING:  
Ai, Ap, Md,  
Et, Sg, Ea,  
Ar, Ta, Ms,  
Lm, Ci, Ca

BATTER PLANTING:  
Ai, Ap, Md,  
Et, Sg, Ea,  
Ar, Ta, Ms,  
Lm, Ci, Ca

ERL 91.250

ERL 88.000



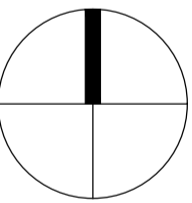
© 2018 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing party.

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

- LEGEND**
- Proposed Trees**  
(Refer to Plant Schedule)
  - Proposed Accent & Shrubs**  
(Refer to Plant Schedule)
  - Proposed Groundcovers**  
(Refer to Plant Schedule)
  - Batter Planting**  
(Refer to Plant Schedule)
  - Steel Edge**  
(Refer to Details)
  - P1 Insitu Concrete Path**  
(Refer to Details)
  - P2 Pebble Path**  
(Refer to Details)

Key Plan:



Client:  
**Hannas**

Project:  
**Hannas Prospect Highway  
Greystanes**  
Lot 37 Prospect Highway, Greystanes NSW

**S I T E I M A G E**

Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia

Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au

Site Image (NSW) Pty Ltd  
ABN 44 801 262 380

Landscape Architects

**DEVELOPMENT APPLICATION**

Drawing Name:  
**Landscape Plan 6**

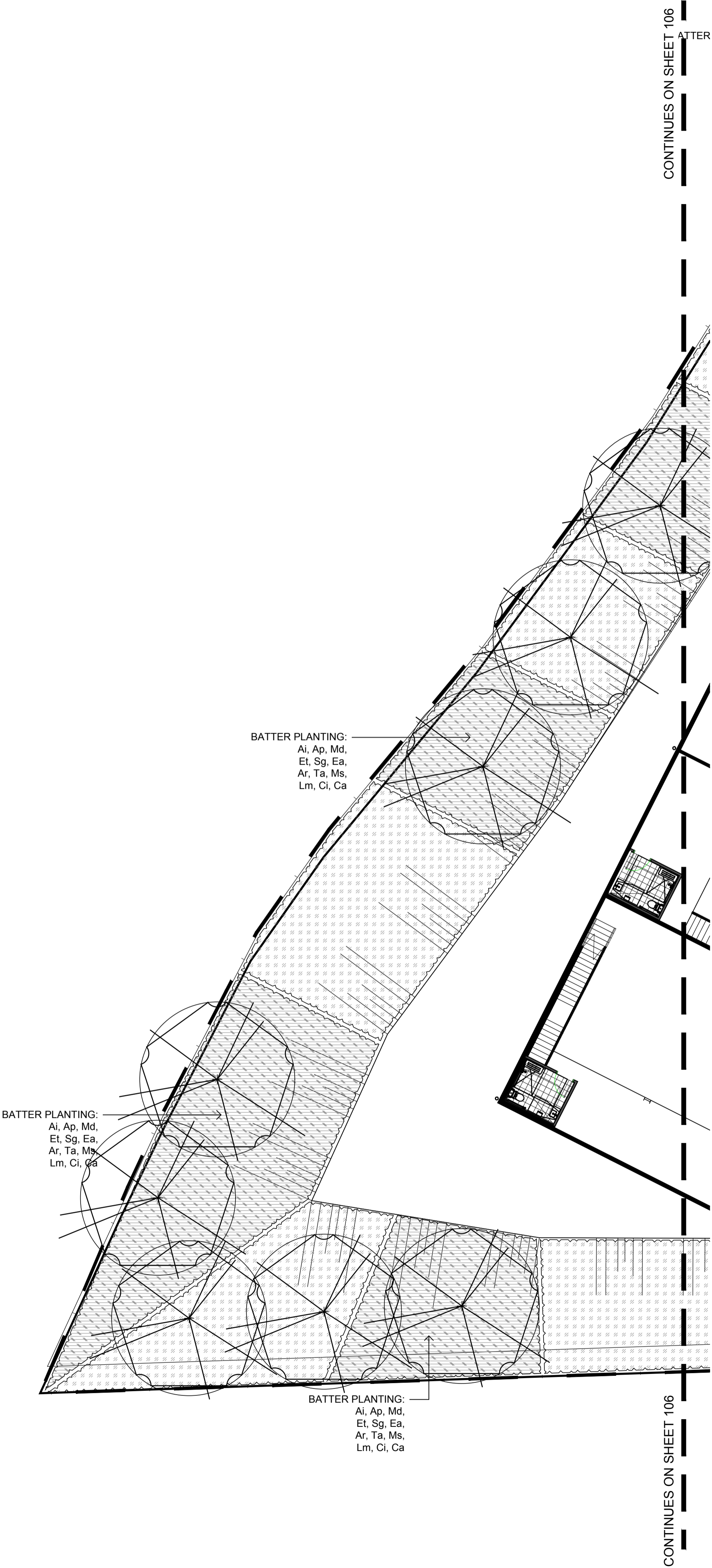
Scale: 1:150 @ A1  
Job Number:

Sheet \_ of \_  
0 1 2 3 4 5m  
Drawing Number: Issue:

SS17-3706

106 E


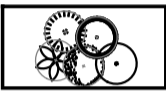
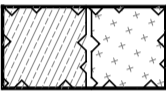
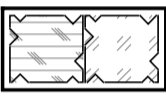
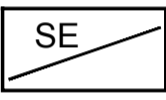


NOT FOR CONSTRUCTION



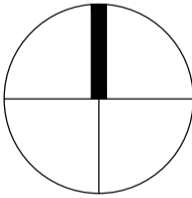
© 2018 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing party.

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

- LEGEND
-  **Proposed Trees**  
(Refer to Plant Schedule)
  -  **Proposed Accent & Shrubs**  
(Refer to Plant Schedule)
  -  **Proposed Groundcovers**  
(Refer to Plant Schedule)
  -  **Batter Planting**  
(Refer to Plant Schedule)
  -  **Steel Edge**  
(Refer to Details)
  -  **Insitu Concrete Path**  
(Refer to Details)
  -  **Pebble Path**  
(Refer to Details)

Key Plan:



Client:  
**Hannas**

Project:  
**Hannas Prospect Highway  
Greystanes**  
Lot 37 Prospect Highway, Greystanes NSW

**S I T E I M A G E**

Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia

Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au

Site Image (NSW) Pty Ltd  
ABN 44 801 262 380

  
Landscape Architects

**DEVELOPMENT APPLICATION**

Drawing Name:  
**Landscape Plan 7**

Scale: 1:150 @ A1  
Job Number:  
Drawing Number:  
Sheet \_ of \_  
Issue:

SS17-3706 107 E

SPECIFICATION  
GENERAL NOTES

References

All plans and details included in the project documents shall be read in conjunction with this specification. All structural and civil works components of the landscape design shall be referenced to engineers' details and specifications. Read this specification in conjunction with the plant and materials schedules on the drawings. If in doubt about any detail or if conflicts are found in the documents, seek advice.

Workmanship and Materials

The whole of the landscape works shall be carried out by a competent, trained and qualified landscape contractor who is experienced in horticultural practices, landscape construction and planting techniques. The landscape contractor shall hold a current Building Contractors License and/or be a financial member of LNA Landscape Association NSW & ACT or equivalent organisations in other states.

HARDWORKS

Furniture, Handrails, Balustrades

Supply and install the scheduled items in accordance with the manufacturer's recommendations, as detailed and in the locations shown on plan. Provide all footings and fixings required for the items to be stable and in accordance with applicable codes and standards.

Garden Walls, Fences, Steps, TGSI and Edging

Construct garden walls, fences, steps, TGSI and edging as shown on plan, as detailed and of the material scheduled. Provide footings, step nosings, tactile surfaces to comply with standards and applicable legislation. Refer to engineer's details for structural retaining walls, heavy duty slabs, concrete stairs, concrete strength, reinforcing and joint placement.

Continuous, Unit and Loose Pavement

Install the scheduled material pavement to the locations shown on plan. Ensure that all subgrade/subsurface works are complete prior to commencing paving. Confer with the engineer to ensure the structural integrity of the subgrade. Ensure that the base course under paved surfaces is a continuous plane offering a constant depth of bedding material not exceeding 50mm.

SOFTWORKS

Topsoil

- Import topsoil for the garden and turf areas, unless the topsoil can be provided from material recovered from the site, as recommended in the soil testing results. Spread the topsoil on the prepared subsoil and grade evenly, compact lightly and uniformly in 150mm layers. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which has the following characteristics:
- Finished to design levels, allowing for mulch or turf, which is to finish flush with adjoining hard surfaces such as paths and edges;
  - Smooth and free from inorganic matter, stones or clods of soil;
  - Graded to drain freely, without ponding, to catchment and/or sub-soil drains;
  - Graded evenly to adjoining surfaces; and
  - Ready for planting.

Compost

Provide, in accordance with AS 4454, well rotted vegetative material or animal manure, free from harmful chemicals, inorganic matter, grass, weeds and the reproductive parts of unwanted plants.

Fertiliser

Provide proprietary fertilisers, delivered to the site in sealed containers marked to show manufacturer or vendor, weight, fertiliser type, N:P:K ratio, recommended uses, application rates and safety procedures. Apply appropriate fertiliser suited to the provenance of plants (indigenous or exotic) included in the design.

Plants

Supply plants in accordance with the landscape design drawings and schedules, which have the following characteristics:

- Large healthy root systems, with no evidence of root curl, restriction or damage;
- Vigorous, well established, free from disease and pests, of good form consistent with the species/variety;
- Hardened off, not soft or forced, and suitable for planting in the natural climatic conditions prevailing at the site in full sun, partial shade or full shade conditions;
- Grown in final containers for not less than twelve weeks;
- Trees, unless required to be multi-stemmed, shall have a single leading shoot; and
- Containers shall be free from weeds and of appropriate size in relation to the specified plant size.

Plant Installation

Following excavation of the planting hole, place and spread 15gms of wetting agent pre-mixed with one (1) litre of water. Place the plant correctly orientated to north or for best presentation. Backfill the planting holes with specified topsoil mixture. Lightly tamp and water to eliminate air pockets. Ensure that the backfill soil is not placed over the top of the root ball and that the root ball is not higher than the soil in which it is planted. Apply fertiliser, as specified around the plants in the soil at the time of planting.

Root Barrier

Supply and install root control barriers to all new tree plantings adjacent to walls, paths, kerbs and all service trenches, where their proximity poses a threat to the stability of the built infrastructure. Install in accordance with manufacturer's recommendations.

Mulch

Unless noted otherwise, mulch shall be approved proprietary recycled wood fibre or pine bark material. Place mulch in all garden beds to a depth of 75mm after all specified plants are installed. Keep mulch clear of all plant stems and rake to an even plane, flush with the surrounding surfaces evenly graded between design surface levels. Over fill to allow mulch to settle to the specified depth.

Stakes and Ties

- Stakes shall be durable hardwood, straight, free of knots and twists, pointed at one end, in the following quantities and sizes for each of the various plant pot sizes:
- Plants (>25 lt): 1 off 38 x 38 x 1200mm;
  - Semi-advanced plants (>75 lt): 2 off 50x50x 1800mm;
  - Advanced (>100 lt): 3 off 50 x 50 x 2400mm.

IRRIGATION

All proposed landscape areas shall be irrigated.

The irrigation system shall be an automatic permanent system, with an irrigation controller self operated via a soil moisture sensor. The system shall be calibrated to deliver the optimum rate and volume of water appropriate to the type of plants in the design. The system shall be adjustable and fully serviceable. The layout of the entire irrigation system shall focus on delivering the required amount of water to maintain healthy and vigorous growth. The irrigation system shall be such that, component theft, vandalism, over-spray and wetting of paths shall be reduced to a minimum or completely eliminated by the use of drip, pop-up sprinklers and judiciously placed fixed spray emitters.

Generally do not use fine mist emitters that provide a drifting mist that may wet paths and the buildings unless specifically required by the design.

LANDSCAPE MAINTENANCE

The Landscape Contractor shall rectify defects during installation and that become apparent in the works under normal use for the duration of the contract Defects Liability Period. Unless contracted otherwise, the Landscape Contractor shall maintain the contract areas by the implementation of industry accepted horticultural practices for 52 weeks from Practical Completion of the works. The landscape maintenance works shall include, but not be limited to:

- Replacing failed plants;
- Pruning;
- Insect and pest control;
- Fertilising;
- Maintaining and removing stakes and ties;
- Maintaining mulch;
- Mowing and top dressing;
- Irrigation and watering;
- Erosion control; and
- Weeding and rubbish removal.

Maintenance Log Book

Implement and keep a maintenance log book recording when and what maintenance work has been undertaken and what materials, actions and decisions have been used, implemented and concluded to keep the landscape always looking its best. Enter data daily and review information every 2 weeks. Observe trends and develop a maintenance regime around seasonal and observed event occurrences.

Maintenance Activities

During the defects maintenance period schedule the following activities to occur on a timely basis.

- Plant replacement** - Replace plants that have failed to mature, die or are damaged. Replacement plants shall be in a similar size and quality and identical species or variety to the plant that has failed. Replacement of plants shall be at the cost of the landscape contractor unless advised otherwise. If the cause of the failure is due to a controllable situation then correct the situation prior to replacing plants. Observe and replace failed plants within 2 weeks of observation.
- Pruning** - Prune dead wood, broken limbs, dead or infected foliage and as needed to develop strong, healthy plants to achieve the shape and form expected of the plant type. Observe daily and prune plants on a needs basis.
- Insect, disease and pest control** - Avoid spraying:
  - if ever possible;
  - in wet weather or if wet weather is imminent;
  - if target plants are still wet after rain;
  - in windy weather; and
  - if non-target species are too close.

Immediately report to the Project Manager any evidence of intensive weed infestation, insect attack or disease amongst plant material. Submit all proposals to apply chemicals and obtain approval before starting this work. When approved, spray with herbicide, insecticide, fungicide as appropriate in accordance with the manufacturers' recommendations. Observe daily and act as necessary to control any infestation or disease. Record in the logbook all relevant details of spraying activities including:

- Product brand / manufacturer's name,
- Chemical / product name,
- Chemical contents,
- Application quantity and rate,
- Date of application and location,
- Results of application, and
- Use approval authority.

- Fertilising** - Fertilise gardens with a proprietary slow release fertiliser applied in accordance with the manufacturer's directions and recommendations. Apply 6-12 monthly. Record in the logbook all relevant details of fertilising including:
  - Product brand / manufacturer's name,
  - Fertiliser / product name,
  - Application quantity and rate, and
  - Date of application and location.
- Stakes and ties** - Adjust and replace as required to ensure plants remain correctly staked. Remove those not required at the end of the planting establishment period (Defects Liability Period). Inspect and act at least every 2 weeks.
- Maintaining mulch** - Maintain the surface in a clean, tidy and weed free condition and reinstate the mulch as necessary to ensure correct depth as specified. Observe weekly and replenish mulch as required.
- Mowing and top dressing** - Mow the turf to maintain a grass height of between 30-50mm. Do not remove more than one third of the grass height at any one time. Remove grass clippings from the site after each mowing. Top dress to a maximum of 10mm to fill depressions and hollows in the surface. Mow weekly/fortnightly in warmer months. Mow monthly or as required in cooler months. Top dress at approximately 6 monthly intervals.

- Irrigation and watering** - Maintain the irrigation system to sure that each individual plant receives the required amount of water to maintain healthy and vigorous growth. Adjust and calibrate as required. Provide additional watering, if necessary but inspect irrigation weekly and make repairs as necessary.
- Erosion control** - Where necessary, maintain the erosion control fabric in a tidy and weed free condition and reinstate as necessary to ensure control measures are effective where deemed necessary. Inspect every 2 weeks and act to repair any damage as soon as possible.
- Weeding and rubbish removal** - During the plant establishment period remove by hand, rubbish and weed growth that may occur or re-occur throughout all planted, mulched and paved areas. The contractor shall target weeds that are capable of producing a major infestation of unwanted plants by seed distribution. Whenever possible, time weed removal to precede flowering and seed set. Constant observation and removal of weeds is essential.

SS17-3706 Lot 37 Prospect Highway, Greystanes

Plant Schedule

SYMBOL	BOTANIC NAME	COMMON NAME	MATURE SIZE (h x w) (m)	SPACING	POT SIZE
TREES					
Ai	Acacia implexa	Lightwood	12 x 5	As Shown	75L
Ap	Acacia paramattensis	Parramatta Wattle	10 x 5	As Shown	75L
Ea	Eucalyptus crebra	Ironbark	30 x 20	As Shown	75L
Em	Eucalyptus moluccana	Grey Box	25 x 8	As Shown	75L
Ep	Eucalyptus punctata	Grey Gum	22 x 8	As Shown	75L
Et	Eucalyptus teretecomis	Forest Red Gum	30 x 10	As Shown	75L
Ec	Exocarpus cupressiformis	Native Cherry	6 x 5	As Shown	75L
Md	Melaleuca decora	White feather Honeymyrtle	7 x 5	As Shown	75L
Sg	Syncarpia glomulifera	Turpentine	25 x 8	As Shown	75L

Shrubs & Accents

As	Acmena smithii	Lilly Pilly	15 x 5	As Shown	300mm
Bs	Bursaria spinosa	Blackthorn	2.5 x 2	As Shown	300mm
Ds	Dillwynia sieberi	Matted Bush-pea	1.5 x 2	As Shown	300mm
Dv	Dodonea viscosa	Sticky Hop Bush	2 x 2	As Shown	300mm
Ia	Indigofera australis	Austral Indigo	2 x 2	As Shown	300mm

GRASSES & GROUNDCOVER PLANTING

Aa	Ajuga australis	Australia bugle	0.15 x spreading	5 per m²	150
Ar	Aristida ramosa	Purple wiregrass	1 x .75	5 per m²	150
Ci	Carex inversa	Knob Sedge	1 x 0.5	5 per m²	150
Ca	Centella asiatica	Asiatic Pennywort	0.2 x 1.5	5 per m²	150
Dc	Dianella longifolia	Blue Flax Lily	.75 x .75	5 per m²	150
Dr	Dichondra repens	Kidney Weed	0.5 x spreading	5 per m²	150
Lm	Lomandra multiflora	Mat Rush	.75 x 1	5 per m²	150
Ms	Microlaena stipoides	Griffin Weeping Grass	0.3 x 1	5 per m²	150
Ta	Themeda australis	Kangaroo Grass	0.2 x 2	5 per m²	150

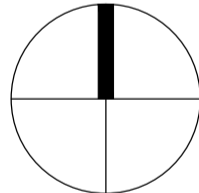
© 2018 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing party.

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

LEGEND

Key Plan:



Client:

Hannas

Project:

Hannas Prospect Highway

Greystanes

Lot 37 Prospect Highway, Greystanes NSW

S I T E I M A G E

Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia

Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au

Site Image (NSW) Pty Ltd  
ABN 44 801 262 380



Landscape Architects

DEVELOPMENT APPLICATION

Drawing Name:

Landscape Specifications &

Planting Schedule

Scale: 1:150 @ A1

Job Number:

Drawing Number:

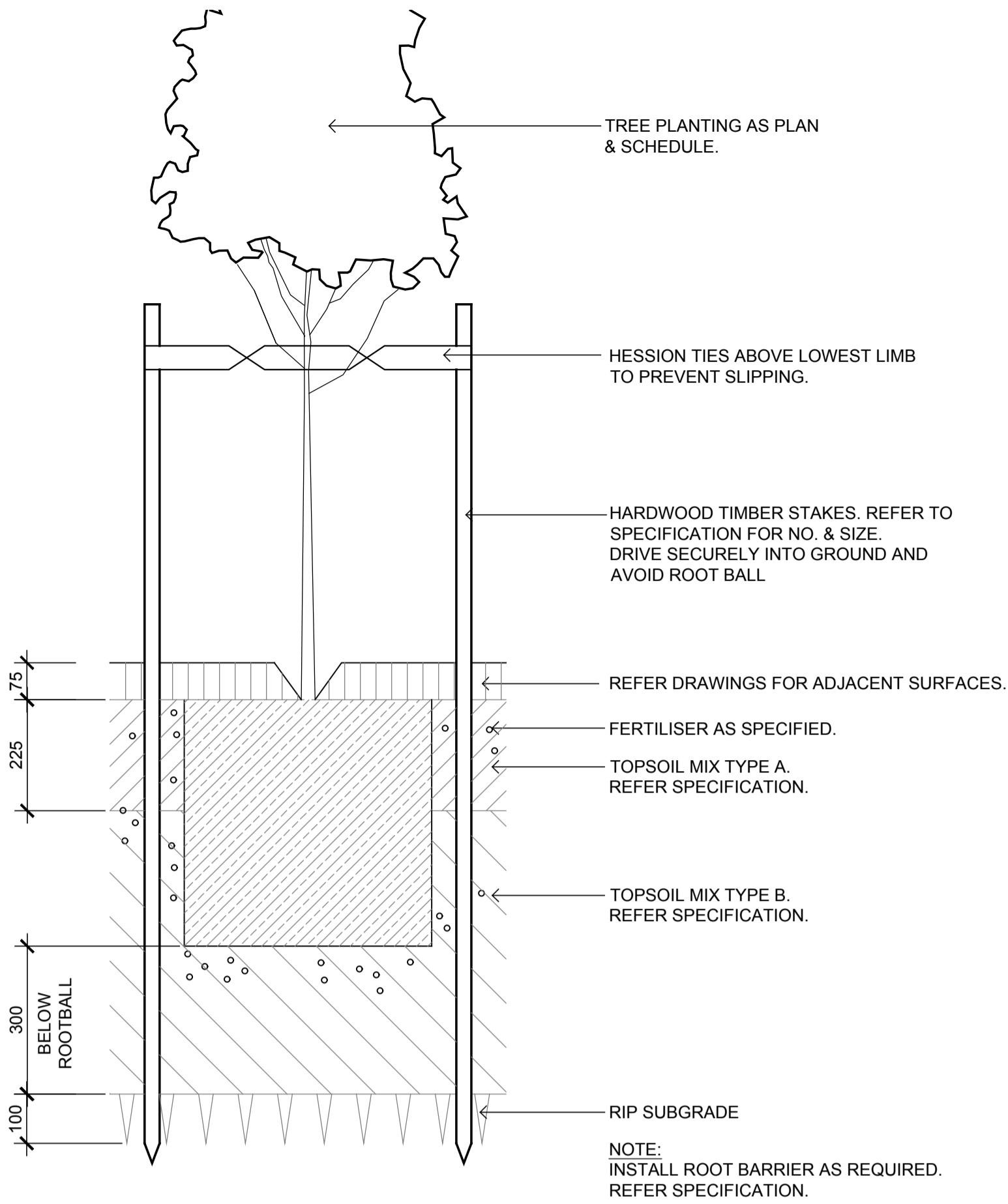
Sheet \_of \_

Issue:

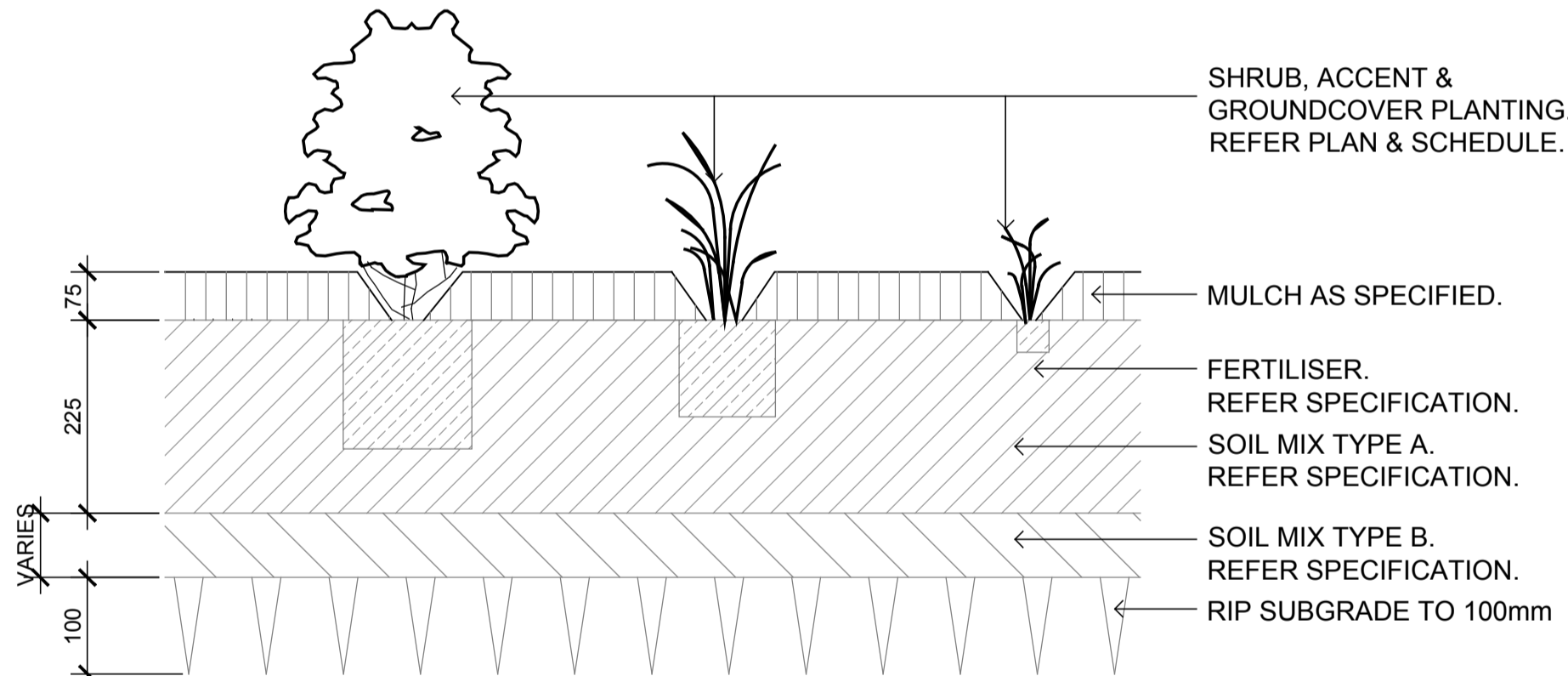
SS17-3706

500 E

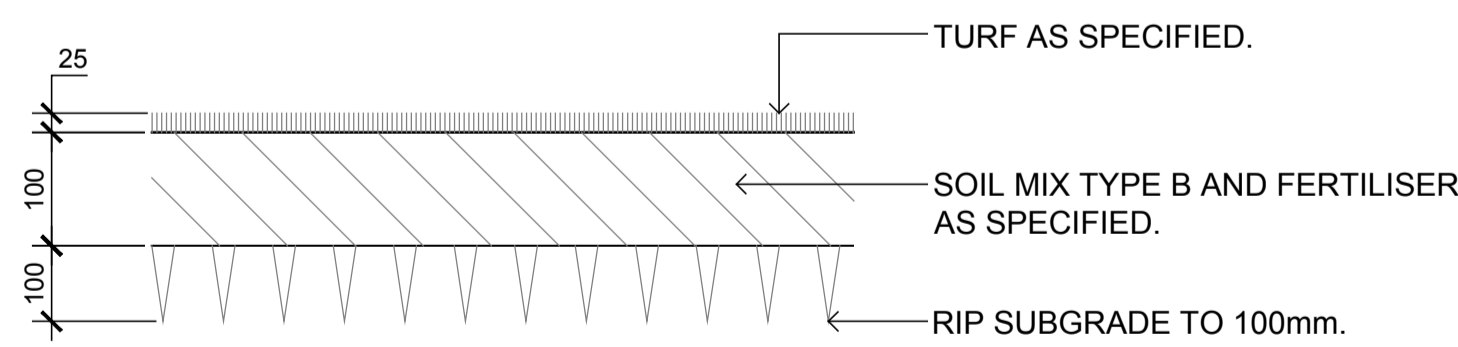
NOT FOR CONSTRUCTION



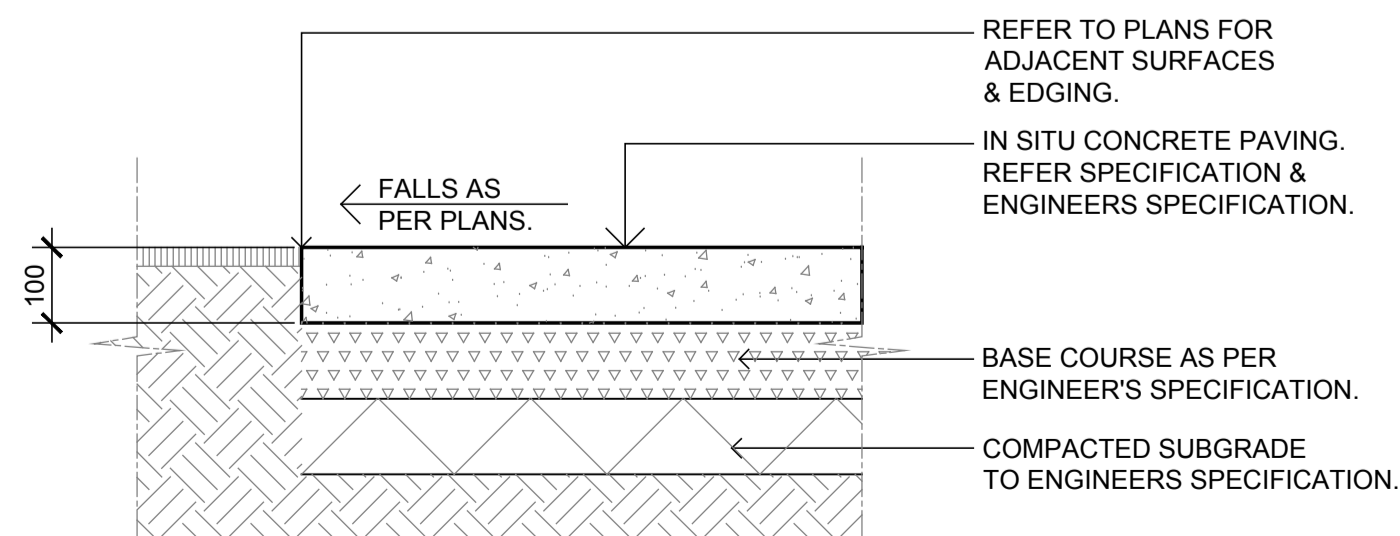
01 75-200L TREE PLANTING ON GRADE  
501 SCALE 1:10



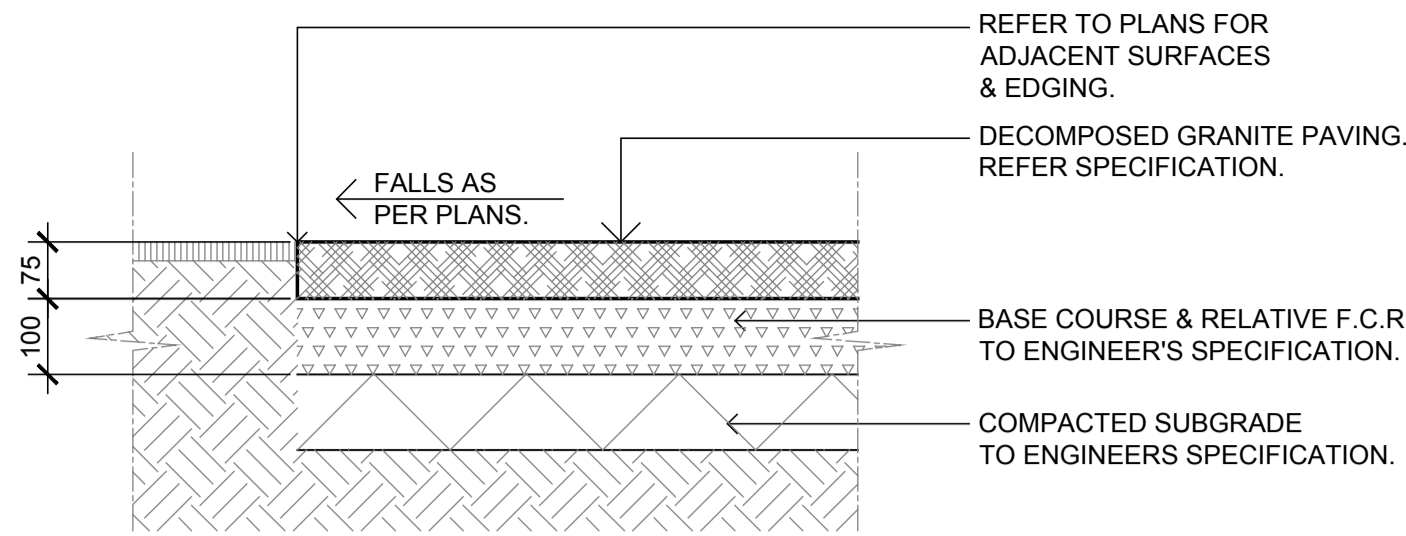
02 SHRUB, ACCENT & GROUNDCOVER PLANTING ON GRADE  
501 SCALE 1:10



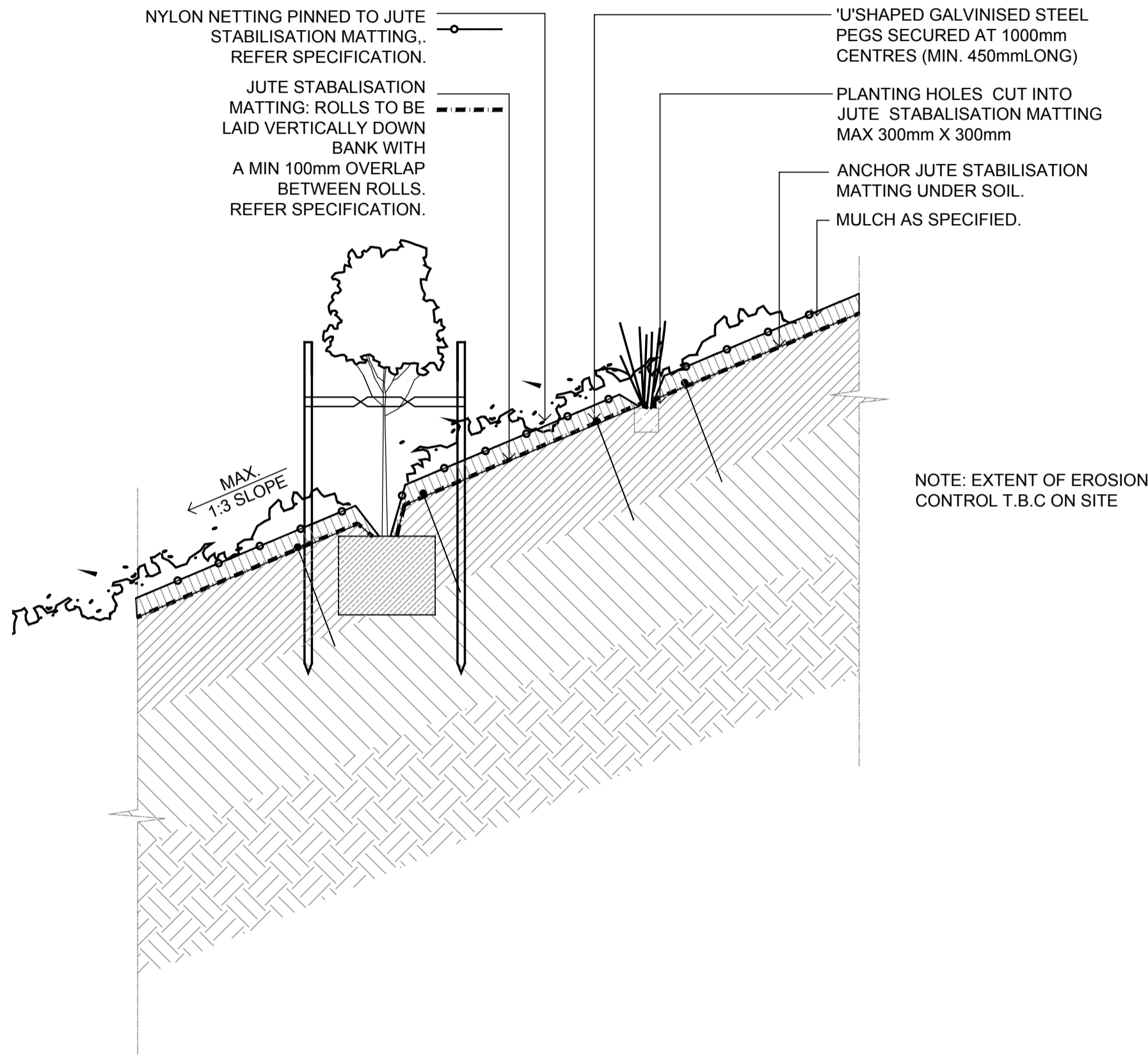
03 TURF ON EVEN GRADE  
501 SCALE 1:10



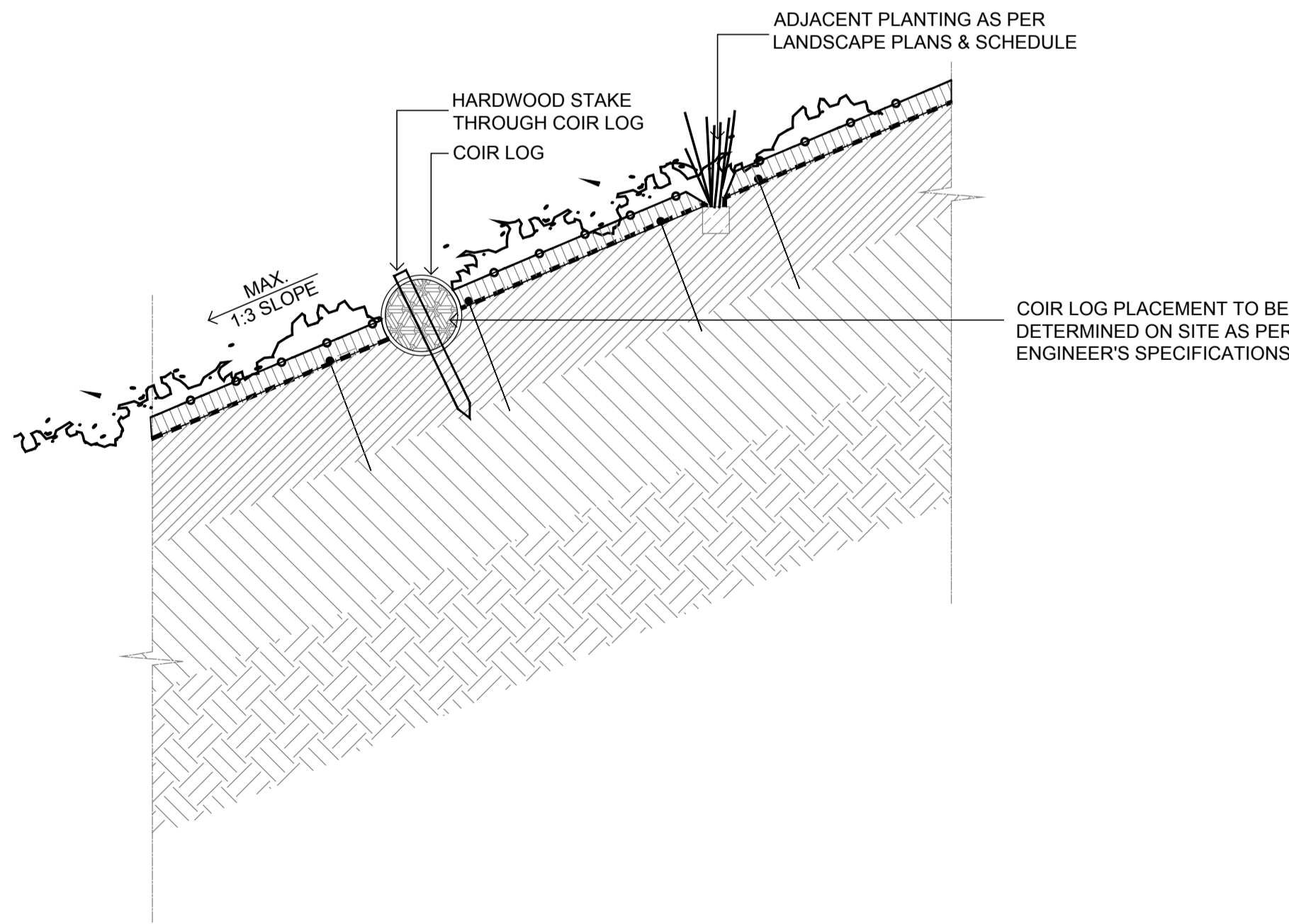
04 INSITU CONCRETE PAVING  
501 SCALE 1:10



05 DECOMPOSED GRANITE PAVING ON GRADE  
501 SCALE 1:10



06 TYPICAL EMBANKMENT PLANTING DETAIL  
501 SCALE 1:20



07 TYPICAL EMBANKMENT COIR LOG STABILISATION  
501 SCALE 1:20

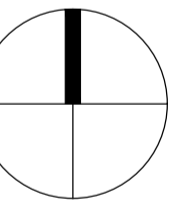
© 2018 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing party.

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

E	Development Application	NP	RS	07.06.2019
D	Development Application	NP	RS	13.05.2019
C	Amended DA	NP	RS	11.04.2018
B	Development Application	NH	RS	07.02.2018
A	Development Application	NH	RS	05.02.2018
Issue	Revision Description	Drawn	Check	Date

#### LEGEND

Key Plan:



Client:

Hannas

Project:

Hannas Prospect Highway

Greystanes

Lot 37 Prospect Highway, Greystanes NSW

S I T E I M A G E

Level 1, 3-5 Baptist Street  
Redfern NSW 2016  
Australia

Tel: (61 2) 8332 5600  
Fax: (61 2) 9698 2877  
www.siteimage.com.au

Site Image (NSW) Pty Ltd  
ABN 44 801 262 380



Landscape Architects

DEVELOPMENT APPLICATION

Drawing Name:

Landscape Details

Scale: 1:150 @ A1

Job Number:

Sheet \_ of \_  
0 1 2 3 4 5m  
Drawing Number:

Issue:

SS17-3706

501 E

NOT FOR CONSTRUCTION