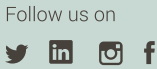


SYDNEY SCIENCE PARK

LUD 3 Intersection Landscape DA Report



Australia
China
South East Asia



placedesigngroup.com	
Report title	Sydney Science Park LUD 3 Intersection Landscape DA Package
Document number	2522114
Prepared for	Celestino
Authors	CW, JC
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Approved	TF
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03	24.04.2023	Development Application	TF
04	27.04.2023	Development Application	TF
05	12.05.2023	Development Application	TF
06	13.12.2023	Development Application	TF

Disclaimer: This report has been prepared in accordance with the scope of services described in the contract or agreement between Place Design Group Pty Ltd ACN 082 370063 and the Client. The report relies upon data, surveys, measurements and results taken at or under the particular times and conditions specified herein. Any findings, conclusions or recommendations only apply to the aforementioned circumstances and no greater reliance should be assumed or drawn by the Client. Furthermore, the report has been prepared solely for use by the Client and Place Design Group accepts no responsibility for its use by other parties.

ACKNOWLEDGEMENT OF COUNTRY

In the spirit of reconciliation, Place Design Group acknowledges the Dharug peoples of the D’harwal nation, the traditional custodians of the land in Sydney Science Park.

We pay our respect to all Aboriginal and Torres Strait Islander peoples living in or visiting the Penrith area. We extend this respect to First Nations throughout Australia, past, present and future. Acknowledging their resilience, cultural heritage and continuing connection to land, waters, sky and community.

It is internationally recognised that First Nations peoples have managed land and waterways as living entities since time immemorial. As designers, we accept the responsibility of being custodians of the land and strive to design spaces which celebrate and unite individuals from all walks of life.

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SSP LUD 3
INTERSECTION

CLIENT

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NOTES

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5	PRE	DA	CW	TF	12-05-2023
6	PRE	DA	CW	TF	13-12-2023

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DRAWING TITLE

LANDSCAPE
LOCATION PLAN

DESIGN : CW
DOCUMENT : MH
PROJECT : 2522114



SCALE 1:1000 @ A1 1:2000 @ A3

DRAWING NUMBER 100
REVISION 06

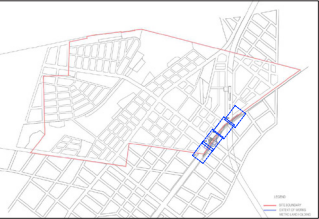
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5	PRE	DA	CW	TF	12-05-2023
6	PRE	DA	CW	TF	15-12-2023

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LANDSCAPE
LOCATION PLAN

DESIGN : CW
DOCUMENT : MH
PROJECT : 2522114



DRAWING NUMBER REVISION
101 06

REFER DRAWING 201

REFER DRAWING 202

REFER DRAWING 203

REFER DRAWING 204

----- LIMIT OF WORKS

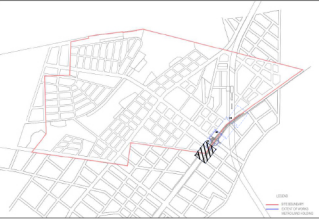
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6	PRE	DA	CW	TF	13-12-2023

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DRAWING TITLE

GENERAL
ARRANGEMENTS PLAN

DESIGN : CW
DOCUMENT : MH
PROJECT : 2522114

NORTH



SCALE 1:250 @ A1 1:500 @ A3

DRAWING NUMBER REVISION
201 06

LEGEND

- Limit of Works
- Lomandra longifolia* (LI)
- Melaleuca linariifolia* 'Claret Tops' (MI)
- Poa labillardieri* (PI)
- Spray Grass (SG)
- Shared path as per civil package
- Road as per civil package
- Stormwater scour
- Retaining wall as per civil package

Note: areas of spray grass (SG) for stabilisation.

REFER DRAWING 202

REFER CIVIL PACKAGE
FOR ALL SWALE AND
BATTER DESIGN

SG

52 x LI

SG

REFER CIVIL PACKAGE
FOR DETAIL ON
STORMWATER SCOUR

REFER CIVIL PACKAGE
FOR ALL SWALE AND
BATTER DESIGN

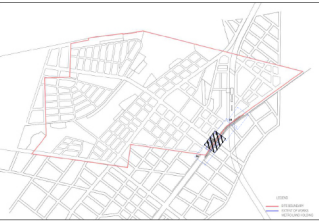
PROJECT

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DRAWING TITLE

GENERAL
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DESIGN : CW
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PROJECT : 2522114



SCALE 1:250 @ A1 1:500 @ A3

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202 06

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FOR ALL SWALE AND
BATTER DESIGN

REFER CIVIL PACKAGE
FOR ALL SWALE AND
BATTER DESIGN

REFER CIVIL PACKAGE
FOR INFORMATION ON
RETAINING WALLS

FUTURE METRO ROAD

REFER DRAWING 201

REFER DRAWING 203

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DRAWING TITLE

GENERAL
ARRANGEMENTS PLAN

DESIGN : CW
DOCUMENT : MH
PROJECT : 2522114

NORTH



SCALE 1:250 @ A1 1:500 @ A3

DRAWING NUMBER 203
REVISION 06

LEGEND

- Limit of Works
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FOR ALL SWALE AND
BATTER DESIGN

REFER CIVIL PACKAGE
FOR INFORMATION ON
RETAINING WALLS

REFER CIVIL PACKAGE
FOR DETAIL ON
STORMWATER SCOUR

REFER CIVIL PACKAGE
FOR ALL SWALE AND
BATTER DESIGN

REFER CIVIL PACKAGE
FOR DETAIL ON
STORMWATER SCOUR

METRO INFRASTRUCTURE

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DRAWING TITLE

GENERAL
ARRANGEMENTS PLAN

DESIGN : CW
DOCUMENT : MH
PROJECT : 2522114

NORTH



SCALE 1:250 @ A1 1:500 @ A3

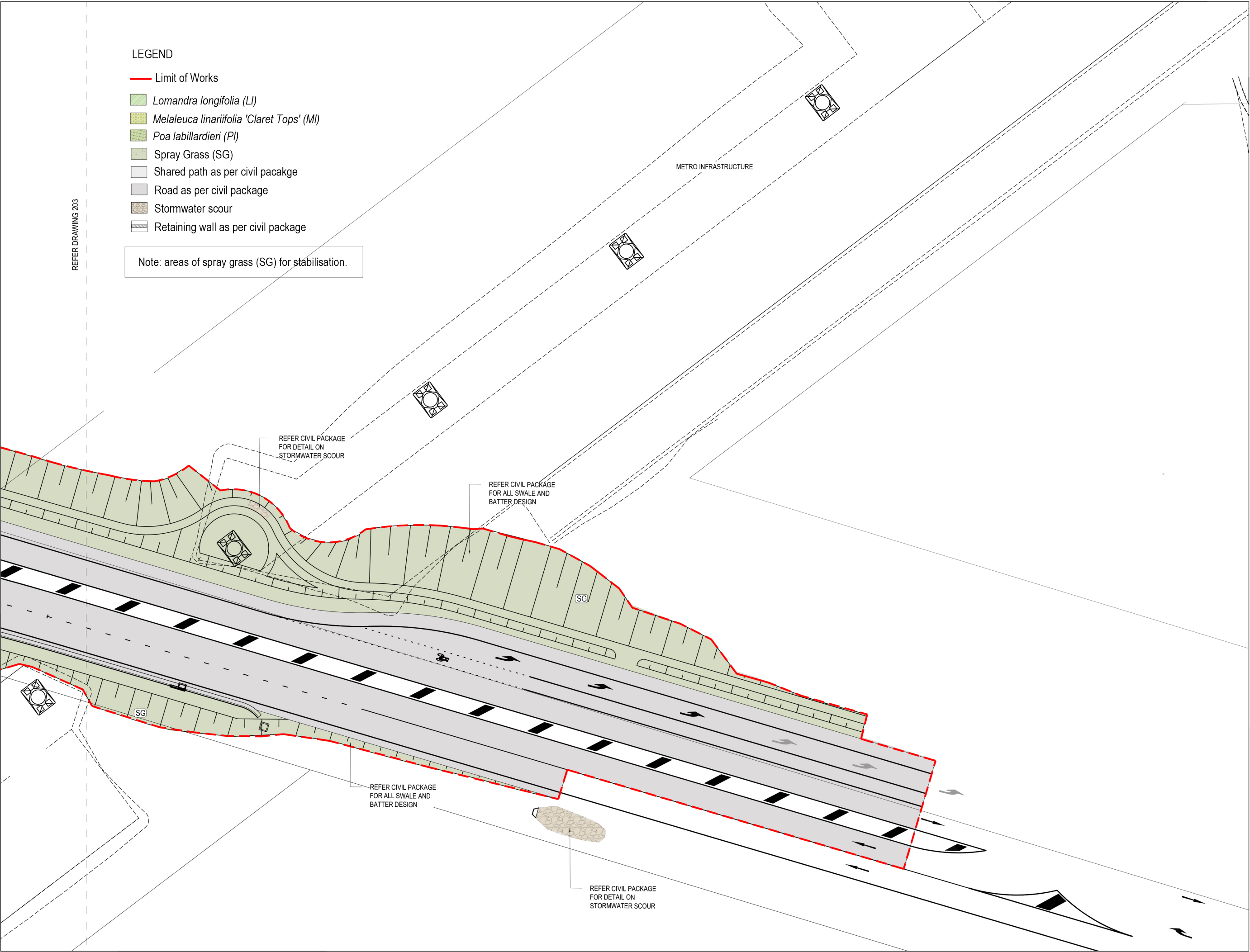
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REVISION 06

LEGEND

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- Melaleuca linariifolia* 'Claret Tops' (MI)
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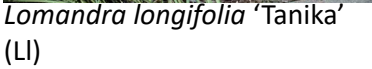
Note: areas of spray grass (SG) for stabilisation.

REFER DRAWING 203



Sydney Science Park LUD 3 Intersection Planting Schedule						
SYM	Botanical Name	Common name	Mature Height (m)	Pot size	Centre Spacing	Qty
GRASSES AND GROUNDCOVER						
LI	<i>Lomandra longifolia</i> ‘Tanika’	Mat Rush	0.6	150mm	400mm	136
MI	<i>Melaleuca linariifolia</i> ‘Claret Tops’	Honey Myrtle	1.2m	150mm	500mm	24
PI	<i>Poa labillardieri</i>	Common Tussock-grass	1.2m	150mm	400mm	100
SPRAY GRASS						
	ERIZON Parkor Blend or equivalent	50% Fescue, 10% Kikuyu, 40% Rye hydromulch BFM			400kg/ha	Approx. 1.0222ha

GRASSES AND GROUNDCOVER



PROJECT

SSP LUD 3
INTERSECTION

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PLANTING SCHEDULE AND PALETTE

DRAWING NUMBER	REVISION
600	06

SSP LUD 3 INTERSECTION

CELESTINO

1) TYPICAL DETAIL - MASS PLANTING
SCALE 1:20

ISSUE	CODE	ISSUE DESCRIPTION	BY	CHK	DATE
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6	PRE	DA	CW	TF	13-12-2023

CLUD 3 INTERSECTION TYPICAL DETAILS

DRAWING NUMBER	REVISION
900	06

LANDSCAPE SPECIFICATION NOTES

LANDSCAPE PLANS

These plans identify the required planting layout to be undertaken as part of the works. Planting design layout is identified by different groups of plant species. Each group of plants has a plant label identifying the number of plants required and the abbreviated plant name (for reference to the planting schedule). The plant spacing and required pot size is indicated in the plant schedule. The Landscape Contractor is required to setout the plants in accordance with the planting plans and in accordance with the typical plant spacing diagrams provided.

Whilst all care has been taken to ensure accurate plant numbers in the plant schedule, the Contractor is required to check all plant numbers on the plans at the time of pricing. Plant numbers indicated on the individual plant labels take precedence over the plant numbers indicated in the plant schedule.

GENERAL NOTATION

These plans are to be read in conjunction with all other plans & details, including the building plans as prepared by the building designer. Any discrepancies in the drawings are to be brought to the attention of the Superintendent for clarification and/or direction.

These plans have been prepared using base data as provided to Place Design Group by the Client and/or Consultant Team. Whilst all care has been taken to ensure the accuracy of this base data as compared to the most recent issue of plans or works constructed on site, the Landscape Contractor shall immediately report any discrepancies between the plans and the site to the Superintendent for immediate resolution.

The Landscape Contractor shall undertake the landscape works as documented within these plans and implement any further instruction as issued by the builder on time, and in a first class manner. The Landscape Contractor shall fully coordinate the landscape works with the Builder and all other contractors undertaking concurrent works on site.

On completion, the Landscape Contractor shall ensure that all items of work have been completed in accordance with these plans and to best industry standard. Ensure all paths and surfaces are left clean, swept of any dirt and debris, and hosed down as directed. Completion of the works shall be as approved by the Superintendent.

PROJECT SCOPE

GENERAL - The Landscape Contractor shall be responsible for delivering the highest level of landscape presentation at all times through the safe and efficient execution of the works in accordance with best industry standards, best practices, and current legislative requirements. The Landscape Contractor shall work alongside other trades as required throughout the duration of the works and maintain effective lines of communication with the superintendent at all times regarding program, progress, and any issues likely to affect the works.

LICENCED CONTRACTOR - Landscape works are to be carried out by trade qualified, experienced landscape contractors with the appropriate QBCC licences to cover the scope of works required.

ENVIRONMENTAL MANAGEMENT NOTES

SITE ACCESS - Vehicular movement on site is to be restricted to within 3m of the area of site receiving an amended surface treatment. Contractor is not to drive vehicles or machinery over areas of site not being landscaped. Access and egress onto and within the site for construction activities as outlined within this document should be organised through the appointed Principal Contractor's Site Superintendent.

SITE CONTROL -

A. Be responsible for activities on the site including providing access for authorised persons and restricting access by unauthorised persons. Take necessary precautions to secure the assets of the Principal.

B. Except as otherwise provided in the contract, delivery of materials for the works, space for storage of same will be allowed only as directed by the Superintendent.

C. Do not store waste flammable liquids on site.

D. Take proper precautions to keep poisons and other injurious substances in places secured against access by unauthorised persons.

E. Provide and maintain required barricades, guards, fencing, footpaths, signs, watching and traffic flagging.

F. Do not obstruct or damage roadways and footpaths, drains and watercourses and other existing services in use on the site. Determine the location of such services.

H. Any Contractor or sub-contractor working on the site shall not discharge poisonous, noxious or polluting material into any "Controlled Waters", either deliberately or accidentally. Polluting materials include silt, cement, concrete, oil, petroleum spirit, sewage or other debris and waste materials. "Controlled waters" include all watercourses and water contained in underground strata. In planning and carrying out any works, precautions must be taken to secure the complete protection of watercourses and water in underground strata against pollution. If pollution should occur, then the site operator should advise the Superintendent via the Contractor and the relevant Statutory Authority immediately and take prompt action to minimise the effect.

G. Be responsible for the safety of the Landscape Works. Report to the Principal Contractor / Superintendent the occurrence of any of the following:

- Accidents involving death or personal injury.
- Accidents involving loss of time.
- Incidents with accident potential such as equipment failure, slides and cave-ins.

DISPOSAL OF REFUSE - Be responsible for keeping the landscape and associated works clean and tidy as it proceeds and regularly remove rubbish from the site. Provide covered receptacles for rubbish, garbage and food scraps and have them emptied at regular intervals as necessary. Do not leave rubbish, garbage and food scraps lying about the site and the Works.

WEED INFESTATION - The site area receiving an amended surface treatment is to be sprayed with a non-residual glyphosate herbicide in any of its registered formulae, at the recommended rate. Do not spray within 200mm of tree roots. Weed around tree roots manually. Dispose of weeds off site at registered tip. The Contractor shall spot treat all perennial weeds with a suitable agreed herbicide at the manufacturers' recommended strength and rate. All nut grass to be sprayed with Semptra at manufacturer's recommended rates.

PRE-CONSTRUCTION

EXISTING ELEMENTS - To be verified on site prior to commencing work.

EXISTING SERVICES - Contact Dial Before You Dig on 1100 to locate and verify the existence of all services prior to starting work. Also check with the Main Building Contractor to verify the location of recently installed services.

CHECK DIMENSIONS - Prior to commencing work check dimensions and report any discrepancies. Advise the Superintendent of any necessary changes to setout and obtain approval prior to construction.

SITE SECURITY - The Contractor shall be wholly responsible for the proper and adequate safeguarding of the landscape and irrigation works, and the fixed and unfixed materials on the site during both working and non-working hours.

PARKING - Use only designated parking areas as nominated by the Site Superintendent.

SURVEY MARKS - The term 'survey mark' means a survey peg, bench mark, reference mark, signal, alignment, level mark or any other mark used or intended to be used for the purpose of setting out, checking or measuring the work. Preserve and maintain the survey marks in their true positions. If the survey marks are disturbed or obliterated, the Landscape Contractor is to give immediate notice to the Superintendent. The surveyor is to rectify the disturbance or obliteration of the survey marks at the expense of the Landscape Contractor.

GENERAL PRODUCT COMPLIANCE - Provide products which comply with the requirements, and which are undamaged and unused at time of installation.

RECTIFICATION - The Landscape Contractor is to rectify immediately at their expense, any obstruction or damage to existing civil or building works including but not limited to, roadways, footpaths, walls and drains in use on the site caused by works carried out by the Landscape Contractor. The Civil Contractor at the expense of the Landscape Contractor is to provide temporary services whilst repairs are carried out.

MANUFACTURERS' RECOMMENDATIONS - Use manufactured items in the work in accordance with current published recommendations of the manufacturer relevant to such use. Comply with manufacturer's applicable recommendations for installation, to whatever extent these are more explicit or more stringent than requirements indicated in the Contract Documents.

CONTRACTOR'S QUALITY CONTROL

A. Inspect each item of material or equipment immediately prior to installation and reject damaged or defective items.

B. Re-check measurements and dimensions of the Work as an integral step before starting each installation.

C. Install work during conditions of temperature, humidity, exposure and weather which will ensure the best possible results for each part of the work, or component or treatment as necessary to prevent damage and deterioration.

D. Co-ordinate with the main contractor and ensure any required excavation is carried out in accordance with the landscape details.

E. Co-ordinate enclosure and closing-in of work with required inspections and tests, so as to avoid necessity of uncovering work for that purpose.

PROGRESS PHOTOGRAPHS - Take digital progress photographs at least once a week during construction. Take photos of each significant work item for your records. Photos must be made available to the Landscape Architect on occasions where they are unable to make an inspection. Identify the project, date, time, location and orientation



SYDNEY
Level 4
10 James Street
Waterloo NSW 2017
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PROJECT

SSP LUD 3
INTERSECTION

CLIENT

CELESTINO

NOTES

[illegible]

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DRAWING TITLE

LANDSCAPE SPECIFICATION
NOTES - SHEET 1

DESIGN : CW
DOCUMENT : MH
PROJECT : 2522114

NORTH



DRAWING NUMBER	REVISION
901	06

