

The Moorebank Precinct West Stage 2 Proposal involves the development of an intermodal terminal facility including warehouses and distribution facilities, stormwater, landscaping, servicing and associated works west of Moorebank Avenue. The Proposal also includes a Rail link connection. The Proposal interfaces with a vegetation conservation area.

Given that the site is bounded to the south with existing vegetation communities, the landscape design serves to integrate the development with the surrounding environment by using tree, shrub and groundcover species that are local to the area to create habitat opportunities and links to the surrounding context. The proposed tree planting has been designed with the intent of creating a uniform canopy cover throughout the area. Proposed plant species have been selected for their site-suitability with many species selected from Liverpool City Council's recommended plant list.

## LEGEND



MPW Site Boundary

MPW Stage 2 Operational Boundary

— Landscape Setback as per Condition B2 (a), (f), (g) and B63 (a), (b) SSD 7708

Moorebank Biodiversity Offset Area

— Limit of 1:100 Year Flood Extent

----- Asset protection Zone Setback

— — — Lot Boundary

----- Top of Bank

Conservation  
Report)

10. Buff = 7

\_\_\_\_\_

 Existing Riparian Corridor

----- Noise Wall

- 
- MOOREBANK AVENUE
- PROPOSED INTERMODAL TERMINAL
- LOCOMOTIVE SHIFTER
- WAREHOUSE 1A FSL 16.00
- WAREHOUSE 1B FSL 16.00
- WAREHOUSE 2A FSL 16.50
- WAREHOUSE 2B FSL 16.50
- WAREHOUSE 3A FSL 16.50
- WAREHOUSE 3B FSL 16.50
- ITV ROAD
- ESTATE ROAD
- INTERNAL ACCESS ROAD
- GEORGES RIVER
- SSFL / MAIN SOUTH LINE
- PROPOSED OSD 3
- PROPOSED OSD 5
- PROPOSED OSD 6
- PROPOSED OSD 8
- EMERGENCY TRUCK HOLDING AREA
- TRUCK QUEUE
- EXISTING OSD
- EXISTING TREES IN EXISTING OSD TO BE RETAINED
- NOISE WALL
- CONSERVATION AREA REFER TO BIODIVERSITY ASSESSMENT REPORT
- SUBJECT TO FUTURE APPLICATION
- PROPOSED OSD 4
- WAREHOUSE ENTRY/EXIT
- TRUCK ENTRY/EXIT
- LOADING DOCK
- OFFICE
- EXISTING OSD
- PROPOSED OSD 1
- PROPOSED OSD 2
- PROPOSED OSD 7
- PROPOSED OSD 9
- PROPOSED OSD 10
- PROPOSED OSD 11
- PROPOSED OSD 12
- PROPOSED OSD 13
- PROPOSED OSD 14
- PROPOSED OSD 15
- PROPOSED OSD 16
- PROPOSED OSD 17
- PROPOSED OSD 18
- PROPOSED OSD 19
- PROPOSED OSD 20
- PROPOSED OSD 21
- PROPOSED OSD 22
- PROPOSED OSD 23
- PROPOSED OSD 24
- PROPOSED OSD 25
- PROPOSED OSD 26
- PROPOSED OSD 27
- PROPOSED OSD 28
- PROPOSED OSD 29
- PROPOSED OSD 30
- PROPOSED OSD 31
- PROPOSED OSD 32
- PROPOSED OSD 33
- PROPOSED OSD 34
- PROPOSED OSD 35
- PROPOSED OSD 36
- PROPOSED OSD 37
- PROPOSED OSD 38
- PROPOSED OSD 39
- PROPOSED OSD 40
- PROPOSED OSD 41
- PROPOSED OSD 42
- PROPOSED OSD 43
- PROPOSED OSD 44
- PROPOSED OSD 45
- PROPOSED OSD 46
- PROPOSED OSD 47
- PROPOSED OSD 48
- PROPOSED OSD 49
- PROPOSED OSD 50
- PROPOSED OSD 51
- PROPOSED OSD 52
- PROPOSED OSD 53
- PROPOSED OSD 54
- PROPOSED OSD 55
- PROPOSED OSD 56
- PROPOSED OSD 57
- PROPOSED OSD 58
- PROPOSED OSD 59
- PROPOSED OSD 60
- PROPOSED OSD 61
- PROPOSED OSD 62
- PROPOSED OSD 63
- PROPOSED OSD 64
- PROPOSED OSD 65
- PROPOSED OSD 66
- PROPOSED OSD 67
- PROPOSED OSD 68
- PROPOSED OSD 69
- PROPOSED OSD 70
- PROPOSED OSD 71
- PROPOSED OSD 72
- PROPOSED OSD 73
- PROPOSED OSD 74
- PROPOSED OSD 75
- PROPOSED OSD 76
- PROPOSED OSD 77
- PROPOSED OSD 78
- PROPOSED OSD 79
- PROPOSED OSD 80
- PROPOSED OSD 81
- PROPOSED OSD 82
- PROPOSED OSD 83
- PROPOSED OSD 84
- PROPOSED OSD 85
- PROPOSED OSD 86
- PROPOSED OSD 87
- PROPOSED OSD 88
- PROPOSED OSD 89
- PROPOSED OSD 90
- PROPOSED OSD 91
- PROPOSED OSD 92
- PROPOSED OSD 93
- PROPOSED OSD 94
- PROPOSED OSD 95
- PROPOSED OSD 96
- PROPOSED OSD 97
- PROPOSED OSD 98
- PROPOSED OSD 99
- PROPOSED OSD 100
- PROPOSED OSD 101
- PROPOSED OSD 102
- PROPOSED OSD 103
- PROPOSED OSD 104
- PROPOSED OSD 105
- PROPOSED OSD 106
- PROPOSED OSD 107
- PROPOSED OSD 108
- PROPOSED OSD 109
- PROPOSED OSD 110
- PROPOSED OSD 111
- PROPOSED OSD 112
- PROPOSED OSD 113
- PROPOSED OSD 114
- PROPOSED OSD 115
- PROPOSED OSD 116
- PROPOSED OSD 117
- PROPOSED OSD 118
- PROPOSED OSD 119
- PROPOSED OSD 120
- PROPOSED OSD 121
- PROPOSED OSD 122
- PROPOSED OSD 123
- PROPOSED OSD 124
- PROPOSED OSD 125
- PROPOSED OSD 126
- PROPOSED OSD 127
- PROPOSED OSD 128
- PROPOSED OSD 129
- PROPOSED OSD 130
- PROPOSED OSD 131
- PROPOSED OSD 132
- PROPOSED OSD 133
- PROPOSED OSD 134
- PROPOSED OSD 135
- PROPOSED OSD 136
- PROPOSED OSD 137
- PROPOSED OSD 138
- PROPOSED OSD 139
- PROPOSED OSD 140
- PROPOSED OSD 141
- PROPOSED OSD 142
- PROPOSED OSD 143
- PROPOSED OSD 144
- PROPOSED OSD 145
- PROPOSED OSD 146
- PROPOSED OSD 147
- PROPOSED OSD 148
- PROPOSED OSD 149
- PROPOSED OSD 150
- PROPOSED OSD 151
- PROPOSED OSD 152
- PROPOSED OSD 153
- PROPOSED OSD 154
- PROPOSED OSD 155
- PROPOSED OSD 156
- PROPOSED OSD 157
- PROPOSED OSD 158
- PROPOSED OSD 159
- PROPOSED OSD 160
- PROPOSED OSD 161
- PROPOSED OSD 162
- PROPOSED OSD 163
- PROPOSED OSD 164
- PROPOSED OSD 165
- PROPOSED OSD 166
- PROPOSED OSD 167
- PROPOSED OSD 168
- PROPOSED OSD 169
- PROPOSED OSD 170
- PROPOSED OSD 171
- PROPOSED OSD 172
- PROPOSED OSD 173
- PROPOSED OSD 174
- PROPOSED OSD 175
- PROPOSED OSD 176
- PROPOSED OSD 177
- PROPOSED OSD 178
- PROPOSED OSD 179
- PROPOSED OSD 180
- PROPOSED OSD 181
- PROPOSED OSD 182
- PROPOSED OSD 183
- PROPOSED OSD 184
- PROPOSED OSD 185
- PROPOSED OSD 186
- PROPOSED OSD 187
- PROPOSED OSD 188
- PROPOSED OSD 189
- PROPOSED OSD 190
- PROPOSED OSD 191
- PROPOSED OSD 192
- PROPOSED OSD 193
- PROPOSED OSD 194
- PROPOSED OSD 195
- PROPOSED OSD 196
- PROPOSED OSD 197
- PROPOSED OSD 198
- PROPOSED OSD 199
- PROPOSED OSD 200
- PROPOSED OSD 201
- PROPOSED OSD 202
- PROPOSED OSD 203
- PROPOSED OSD 204
- PROPOSED OSD 205
- PROPOSED OSD 206
- PROPOSED OSD 207
- PROPOSED OSD 208
- PROPOSED OSD 209
- PROPOSED OSD 210
- PROPOSED OSD 211
- PROPOSED OSD 212
- PROPOSED OSD 213
- PROPOSED OSD 214
- PROPOSED OSD 215
- PROPOSED OSD 216
- PROPOSED OSD 217
- PROPOSED OSD 218
- PROPOSED OSD 219
- PROPOSED OSD 220
- PROPOSED OSD 221
- PROPOSED OSD 222
- PROPOSED OSD 223
- PROPOSED OSD 224
- PROPOSED OSD 225
- PROPOSED OSD 226
- PROPOSED OSD 227
- PROPOSED OSD 228
- PROPOSED OSD 229
- PROPOSED OSD 230
- PROPOSED OSD 231
- PROPOSED OSD 232
- PROPOSED OSD 233
- PROPOSED OSD 234
- PROPOSED OSD 235
- PROPOSED OSD 236
- PROPOSED OSD 237
- PROPOSED OSD 238
- PROPOSED OSD 239
- PROPOSED OSD 240
- PROPOSED OSD 241
- PROPOSED OSD 242
- PROPOSED OSD 243
- PROPOSED OSD 244
- PROPOSED OSD 245
- PROPOSED OSD 246
- PROPOSED OSD 247
- PROPOSED OSD 248
- PROPOSED OSD 249
- PROPOSED OSD 250
- PROPOSED OSD 251
- PROPOSED OSD 252
- PROPOSED OSD 253
- PROPOSED OSD 254
- PROPOSED OSD 255
- PROPOSED OSD 256
- PROPOSED OSD 257
- PROPOSED OSD 258
- PROPOSED OSD 259
- PROPOSED OSD 260
- PROPOSED OSD 261
- PROPOSED OSD 262
- PRO

This drawing and design is subject to Ground Ink Pty Ltd copyright and may not be reproduced without written consent. Verify all dimensions on site prior to commencing work. Report all discrepancies to the project manager, prior to construction. Figured dimensions to be taken in preference to scaled drawings. Drawings made to larger scales and those particulars of the work shall take precedence over drawings made to smaller scale and those for general purposes. All work is to conform to relevant Australian standards and other codes as applicable, together with other authorities' requirements and regulations.

Client	
--------	--



Architect



Project Manager
-----------------



Issue	Date	Description	Drawn	Checked
B	01.11.19	FOR APPROVAL	KF	RL
C	14.11.19	FOR APPROVAL	KF	RL
D	27.11.19	FOR APPROVAL	KF	RL
E	22.04.20	FOR APPROVAL	KF	RL
F	28.04.20	FOR APPROVAL	KF	RL
G	15.06.20	FOR APPROVAL	KF	RL
H	01.07.20	FOR APPROVAL	KF	RL
I	07.07.20	FOR APPROVAL	KE	RL

	Landscape Architect
--	---------------------

**GROUND iNK**  
LANDSCAPE ARCHITECTS  
ABN 55 163 025 45 ACN 163 025 456  
Suite 201, 75 Archer St, Chatswood NSW 2067  
Ph (02) 9411 3279 [www.groundink.com.au](http://www.groundink.com.au)


	Project
--	---------

MOOREBANK PRECINCT WEST STAGE 2

\_\_\_\_\_

Project Address

Moorebank Avenue, Moorebank, NSW

Date	Job Number	Drawing Number
<b>07-07-20</b>	20150728	<b>PIWW-GNK-LN-DWG-100</b>
Scale 1"=4000' @ A1 (1"=8000' @ A3) 0 20 40 60 80 100m 0 200m		North 
Drawing Name		Revision
<b>OVERALL LANDSCAPE PLAN</b>		<b>I</b>





LEGEND

- Proposed Canopy Tree Planting in accordance with Cumberland Plain Woodland (Refer to Plant Schedules on drawing PIWW-GNK-LN-DWG-001)
- MPW Site Boundary
- MPW Stage 2 Operational Boundary
- Landscape Setback as per Condition B2 (a), (f), (g) and B63 (a), (b) SSD 7708
- Moorebank Biodiversity Offset Area
- Limit of 1:100 Year Flood Extent
- Asset protection Zone Setback
- Lot Boundary
- Top of Bank
- Conservation Area (Refer to Biodiversity Assessment Report)
- 10m Buffer Zone
- Existing Riparian Corridor
- Noise Wall

- Screen planting around office providing visitor and worker amenity as per Condition B57 (a) and B61 as per SSD 7709
- Proposed secure sight lines through planting to incorporate 'Safety by Design' principles as per Condition B57 (b) SSD 7709
- Proposed Canopy Planting providing necessary screening from Casula as per Condition B57 (e) SSD 7709
- Meandering pathways for recreational and varied walking experiences as per Condition B60 SSD 7709
- Canopy tree planting around perimeter of site for visual mitigation as per Condition B64 SSD 7709
- 18m Landscape setback from Moorebank with minimum soft landscaped width of 10m as per Condition B63 (a) SSD 7709
- 5m Landscape setback from the ESTATE ROAD to warehouse carparks as per Condition B63 (b) SSD 7709
- Existing trees to be retained where feasible and practical to do so. Supplementary tree planting to be implemented as indicated to reinforce the existing ecological community present in the Conservation Area
- Perimeter fill batters must be stabilised with vegetation as per Condition B2(f) and B66
- Existing native vegetation – including canopy trees and understorey planting – is to be retained where feasible to do so in the 10m extension of the buffer zone. The existing planting will be supplemented with new trees and understorey planting commensurate with the local plant communities present in the conservation area. These will include plants consistent with the Cumberland Plain Woodland such as Eucalyptus teriticornis and Eucalyptus punctata.
- Canopy tree planting density at 1 canopy tree per 30m² of landscape area as per B68(b) SSD 7709
- 2.5m wide landscaped bay every 6-8 car spaces to provide shade as per B68(c) SSD 7709
- Screen planting is provided on both sides of the noise wall to minimise visual and amenity impacts as per B72 and B74 SSD 7709. Extent of planting is to be addressed in further detail at Detailed Documentation stage.

LANDSCAPE DESIGN STATEMENT

The Moorebank Precinct West Stage 2 Proposal involves the development of an intermodal terminal facility including warehouses and distribution facilities, stormwater, landscaping, servicing and associated works west of Moorebank Avenue. The Proposal also includes a Rail link connection. The Proposal interfaces with a vegetation conservation area.

The focus of the proposed landscape works includes:

- The integration of the Moorebank Avenue frontage,
- Landscape works associated with internal roads,
- Landscape works associated with proposed warehouses,
- Landscape works interface with the vegetation conservation areas.

Given that the site is bounded to the south with existing vegetation communities, the landscape design serves to integrate the development with the surrounding environment by using tree, shrub and groundcover species that are local to the area to create habitat opportunities and links to the surrounding context. The proposed tree planting has been designed with the intent of creating a uniform canopy cover throughout the area. Proposed plant species have been selected for their site-suitability with many species selected from Liverpool City Council's recommended plant list.

The positioning of the built forms has maximised planting opportunities along the western side of the site. Large trees planted within this area will serve to minimise visual impacts from the surrounding urban landscape.

This drawing and design is subject to Ground Ink Pty Ltd copyright and may not be reproduced without written consent. Verify all dimensions on site prior to commencing work. Report all discrepancies to the project manager, prior to construction. Figured dimensions to be taken in preference to scaled drawings. Drawings made to larger scales and those particulars of the work shall take precedence over drawings made to smaller scale and those for general purposes. All work is to conform to relevant Australian standards and other codes as applicable, together with other authorities' requirements and regulations.

SIMTA

SYDNEY  
INTERMODAL  
TERMINAL  
ALLIANCE

REIDCAMPBELL

TACTICAL

GROUP

Issue	Date	Description	Drawn	Checked
B	01.11.19	FOR APPROVAL	KF	RL
C	14.11.19	FOR APPROVAL	KF	RL
D	27.11.19	FOR APPROVAL	KF	RL
E	22.04.20	FOR APPROVAL	KF	RL
F	28.04.20	FOR APPROVAL	KF	RL
G	15.06.20	FOR APPROVAL	KF	RL
H	01.07.20	FOR APPROVAL	KF	RL
I	07.07.20	FOR APPROVAL	KF	RL

GROUND INK

LANDSCAPE ARCHITECTS

ABN 55 163 025 45 ACN 163 025 456

Suite 201, 75 Archer St, Chatswood NSW 2067

Ph (02) 9411 3279 www.groundink.com.au

Project

MOOREBANK PRECINCT WEST STAGE 2

Project Address

Moorebank Avenue, Moorebank, NSW

Date

Job Number

Drawing Number

07-07-20

20150728

PIWW-GNK-LN-DWG-101

Scale

1:2500 @ A1 (1:5000 @ A3)

0 50 100m

Drawing Name

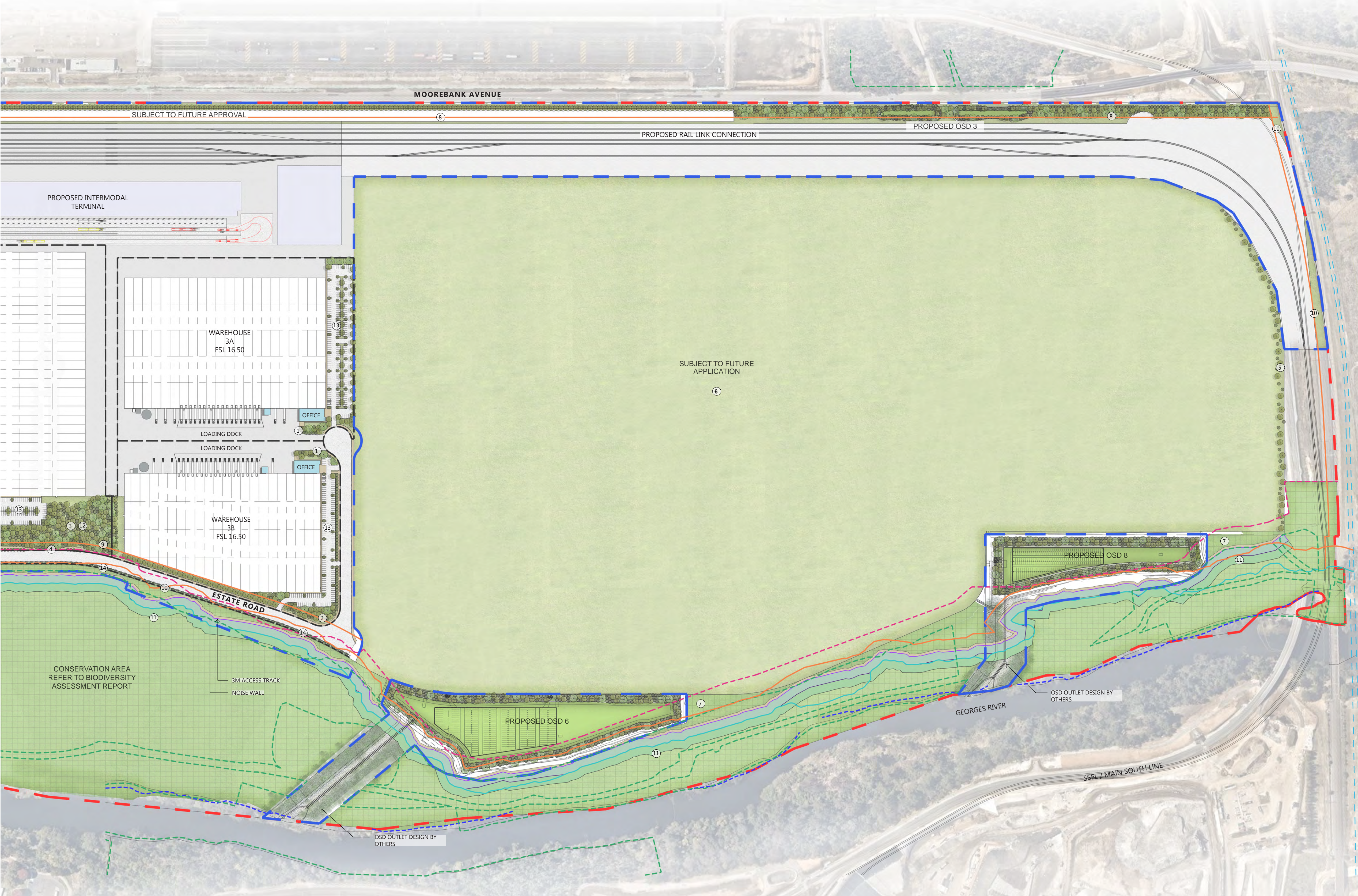
LANDSCAPE PLAN 1

North

Revision

I





LEGEND

- Proposed Canopy Tree Planting in accordance with Cumberland Plain Woodland (Refer to Plant Schedules on drawing PIWW-GNK-LN-DWG-001)
- MPW Site Boundary
- MPW Stage 2 Operational Boundary
- Landscape Setback as per Condition B2 (a), (f), (g) and B63 (a), (b) SSD 7708
- Moorebank Biodiversity Offset Area
- Limit of 1:100 Year Flood Extent
- Asset protection Zone Setback
- Lot Boundary
- Top of Bank
- Conservation Area (Refer to Biodiversity Assessment Report)
- 10m Buffer Zone
- Existing Riparian Corridor
- Noise Wall

- Screen planting around office providing visitor and worker amenity as per Condition B57 (a) and B61 as per SSD 7709
- Proposed secure sight lines through planting to incorporate 'Safety by Design' principles as per Condition B57 (b) SSD 7709
- Proposed Canopy Planting providing necessary screening from Casula as per Condition B57 (e) SSD 7709
- Meandering pathways for recreational and varied walking experiences as per Condition B60 SSD 7709
- Canopy tree planting around perimeter of site for visual mitigation as per Condition B64 SSD 7709
- Proposed hydroseeding with mix of native grasses to Southern fill area as per Condition B65 SSD 7709
- Existing trees to be retained where feasible and practical to do so. Supplementary tree planting to be implemented as indicated to reinforce the existing ecological community present in the Conservation Area
- 18m Landscape setback from Moorebank with minimum soft landscaped width of 10m as per Condition B63 (a) SSD 7709
- 5m Landscape setback from the ESTATE ROAD to warehouse carparks as per Condition B63 (b) SSD 7709
- Perimeter fill batters must be stabilised with vegetation as per Condition B2(f) and B66
- Existing native vegetation – including canopy trees and understorey planting – is to be retained where feasible to do so in the 10m extension of the buffer zone. The existing planting will be supplemented with new trees and understorey planting commensurate with the local plant communities present in the conservation area. These will include plants consistent with the Cumberland Plain Woodland such as Eucalyptus teriticornis and Eucalyptus punctata.
- Canopy tree planting density at 1 canopy tree per 30m² of landscape area as per B68(b) SSD 7709
- 2.5m wide landscaped bay every 6-8 car spaces to provide shade as per B68(c) SSD 7709
- Screen planting is provided on both sides of the noise wall to minimise visual and amenity impacts as per B72 and B74 SSD 7709. Extent of planting is to be addressed in further detail at Detailed Documentation stage.

LANDSCAPE DESIGN STATEMENT

The Moorebank Precinct West Stage 2 Proposal involves the development of an intermodal terminal facility including warehouses and distribution facilities, stormwater, landscaping, servicing and associated works west of Moorebank Avenue. The Proposal also includes a Rail link connection. The Proposal interfaces with a vegetation conservation area.

The focus of the proposed landscape works includes:

- The integration of the Moorebank Avenue frontage,
- Landscape works associated with internal roads,
- Landscape works associated with proposed warehouses,
- Landscape works interface with the vegetation conservation areas.

Given that the site is bounded to the south with existing vegetation communities, the landscape design serves to integrate the development with the surrounding environment by using tree, shrub and groundcover species that are local to the area to create habitat opportunities and links to the surrounding context. The proposed tree planting has been designed with the intent of creating a uniform canopy cover throughout the area. Proposed plant species have been selected for their site-suitability with many species selected from Liverpool City Council's recommended plant list.

The positioning of the built forms has maximised planting opportunities along the western side of the site. Large trees planted within this area will serve to minimise visual impacts from the surrounding urban landscape.

This drawing and design is subject to Ground Ink Pty Ltd copyright and may not be reproduced without written consent. Verify all dimensions on site prior to commencing work. Report all discrepancies to the project manager, prior to construction. Figured dimensions to be taken in preference to scaled drawings. Drawings made to larger scales and those particulars of the work shall take precedence over drawings made to smaller scale and those for general purposes. All work is to conform to relevant Australian standards and other codes as applicable, together with other authorities' requirements and regulations.

SIMTA

SYDNEY  
INTERMODAL  
TERMINAL  
ALLIANCE

REIDCAMPBELL

TACTICAL

GROUP

Project Manager

Issue	Date	Description	Drawn	Checked
B	01.11.19	FOR APPROVAL	KF	RL
C	14.11.19	FOR APPROVAL	KF	RL
D	27.11.19	FOR APPROVAL	KF	RL
E	22.04.20	FOR APPROVAL	KF	RL
F	28.04.20	FOR APPROVAL	KF	RL
G	15.06.20	FOR APPROVAL	KF	RL
H	01.07.20	FOR APPROVAL	KF	RL
I	07.07.20	FOR APPROVAL	KF	RL

Landscape Architect

GROUND INK

LANDSCAPE ARCHITECTS

ABN 55 163 025 45 ACN 163 025 456

Suite 201, 75 Archer St, Chatswood NSW 2067

Ph (02) 9411 3279 www.groundink.com.au

Project

MOOREBANK PRECINCT WEST STAGE 2

Project Address

Moorebank Avenue, Moorebank, NSW

Date

Job Number

Drawing Number

07-07-20

20150728

PIWW-GNK-LN-DWG-102

Scale

1:2500 @ A1 (1:5000 @ A3)

0 50 100m

Drawing Name

LANDSCAPE PLAN 2

North

Revision

I