



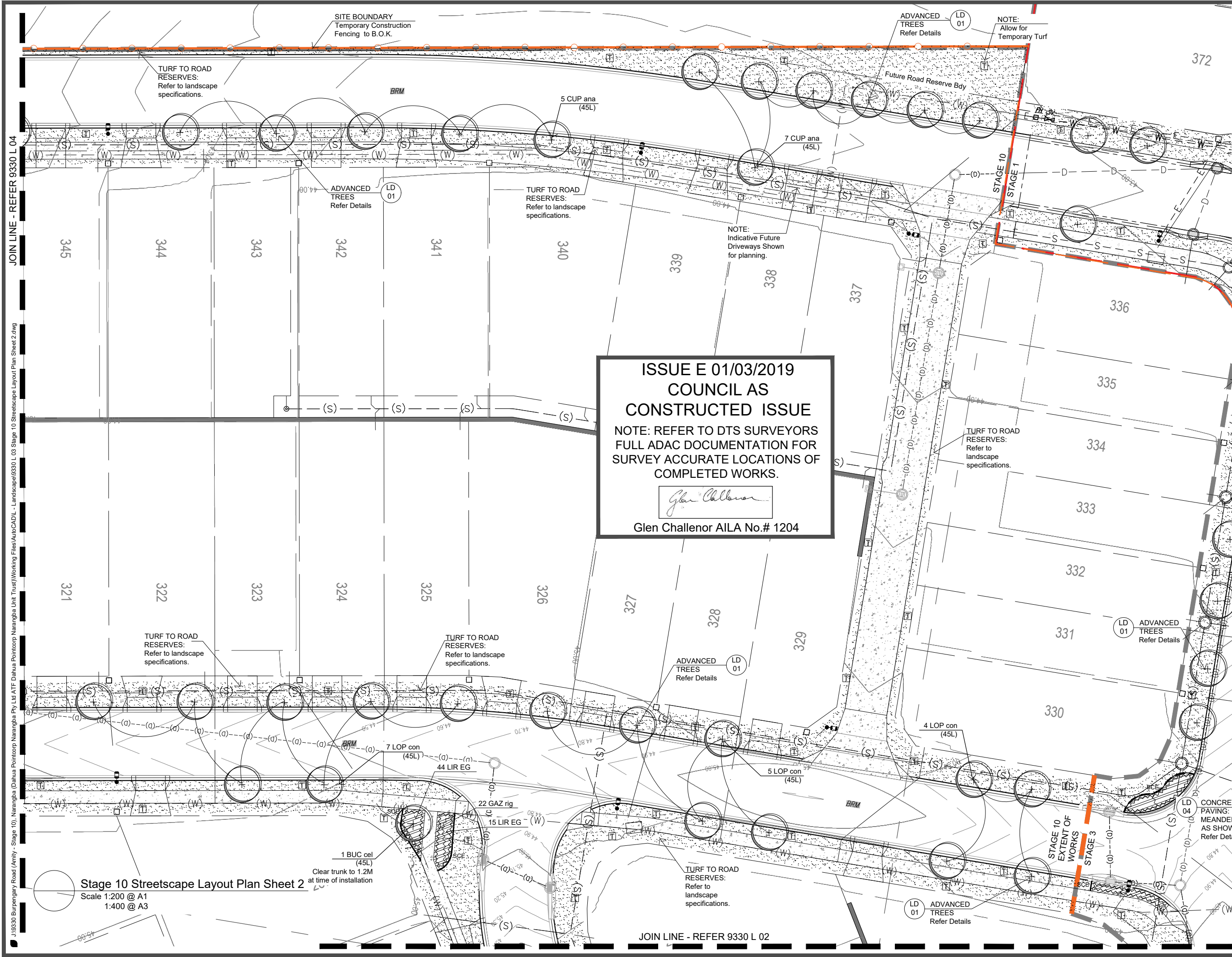
Extractions: 00000 = 0.1 =

ISSUE E 01/03/2019
COUNCIL AS
CONSTRUCTED ISSUE

NOTE: REFER TO DTS SURVEYORS
FULL ADAC DOCUMENTATION FOR
SURVEY ACCURATE LOCATIONS OF
COMPLETED WORKS.

Glen Callender

Glen Challenor AILA No.# 1204



LEGEND: to be read in conjunction with accompanying SHG & MBRC Detail Drawings. Specifications and Schedules that form part of the detailed landscape documentation set.

- PROPOSED TREE LOCATIONS: Refer to Planting Plan & Schedule
- GROUNDCOVERS, FEATURE PLANT & SHRUB LOCATIONS: Refer to Planting Plan & Schedule
- MULCHED PLANTING AREA: Mulch, Topsoil and Cultivation.
- COIR-MATTED PLANTING AREA: Matting, Topsoil and Cultivation.
- BIO-BASIN FLOOR PLANTING AREA: Sugarcane Mulch, Jute Netting over filter media.
- SPADE CUT EDGING: Maintain between grass and planting. Refer Spec.
- TURFED AREA: A Grade Green Couch, Topsoil and Cultivation
- BROOM FINISHED CONCRETE: Plain Concrete paths Refer Specifications and Details
- PAVING TYPE 1: Broom Finished Coloured Concrete Refer Specifications and Details
- PAVING TYPE 2: Exposed Aggregate Finished Coloured Refer Specifications and Details
- LIGHT POLE INDICATIVE LOCATION: Refer Elec. Eng. Confirm tree setbacks at pre-start meeting prior to excavation.
- TIMBER BOLLARDS: 1.5M Centres Typically - Refer to Details

- REMOVABLE BOLLARDS: Refer to Details
- ACOUSTIC FENCE 2.4m HIGH ON TOP OF RETAINING WALL. All works by Civil. All works inside private lots.
- ROOT BARRIER: 900 Deep Refer Plans, Details and Specifications.

NOTES:
Key service locations are shown where available to assist with site works. For complete details of service information refer to full Engineer's and Architect's drawing sets and confirm all locations on site prior to excavation. No excavations to take place without approval of the Site Superintendent.

AMENDMENTS:

Issue	Date	Description	Checked
A	03/08/2018	Client Approval	GC
B	10/08/2018	Council Approval	GC
C	19/10/2018	RFI TENDER ISSUE	GC
D	22/11/2018	Council Tender Rev Issue	GC
E	01/03/2019	Council As Constructed Issue	GC

saunders havill group 40 YEARS
Saunders Havill Group Pty Ltd ABN 24 144 972 949
Brisbane • Emerald • Gladstone
head office 9 Thompson St Bowen Hills Q 4006
phone 1800 123 SHG web www.saundershavill.com
surveying • town planning • urban design • environmental management • landscape architecture

APPROVED COMPANY ISO 9001 Quality Management Systems
APPROVED COMPANY ISO 14001 Environmental Management Systems

DISCLAIMER:
Designs documented on this drawing are the property of Saunders Havill Group Pty Ltd and are not authorised for reproduction or use in whole or part without written permission.
These plans have been prepared for the exclusive use of the client. Saunders Havill Group do not accept responsibility for any use of or reliance upon the contents of these drawings by any third party. Confirm all dimensions on site and clarify any discrepancies prior to construction.

CLIENT: DAHUA POINTCORP NARANGBA PTY LTD

PROJECT: Amity Stages 10

DRAWING: Streetscape Layout Plan - Sheet 2

SCALE: 1:200@A1 0 2 4 10m
1:400@A3

DATE: October 18 **CHECKED:** GC


PROJECT No: 9330 **DRAWN:** FS

DRAWING No: 9330 L 03 E

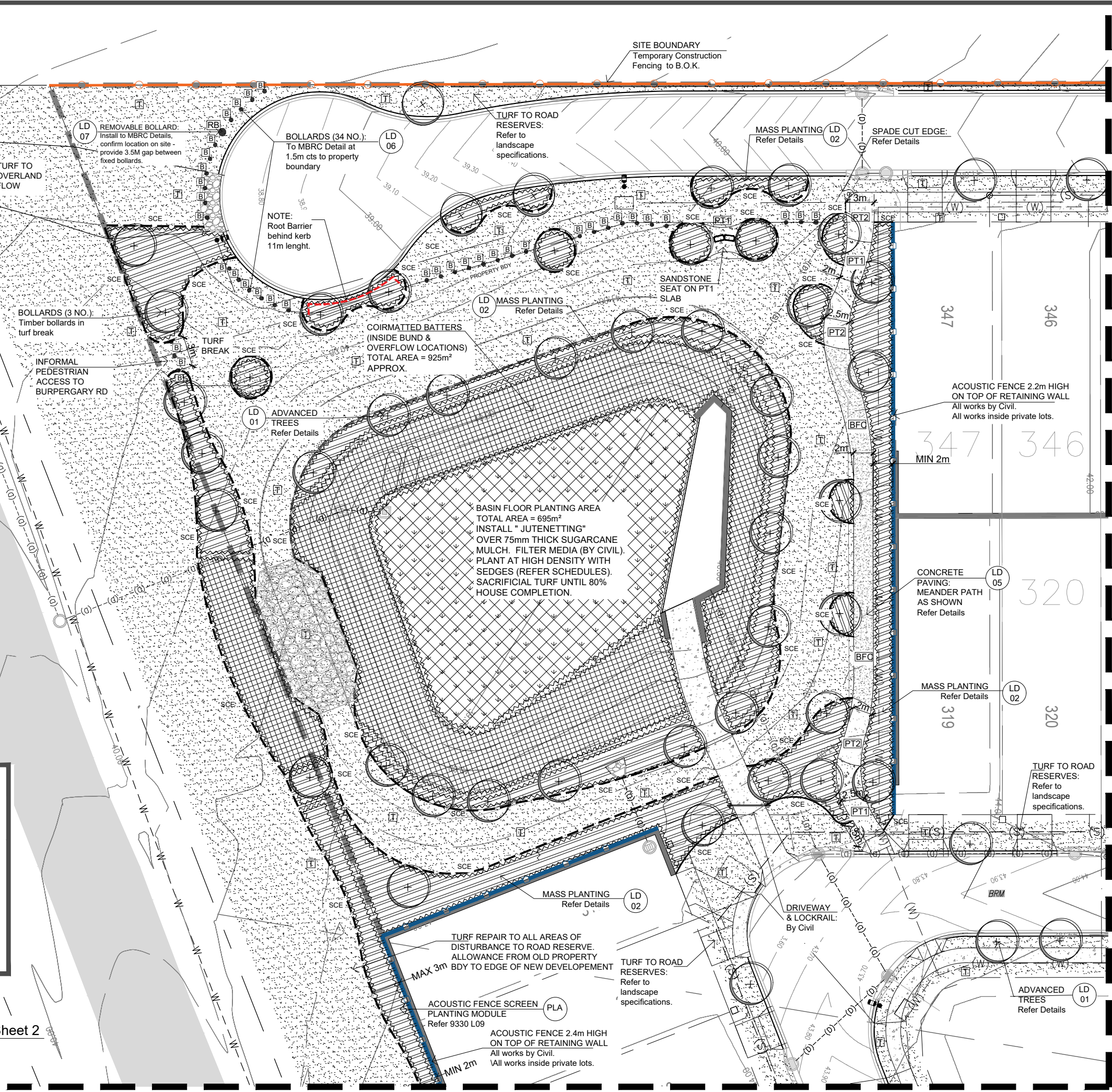
J:\9330 Burpengary Road (Amity) - Stage 10\Narangba (Dahua Pointcorp Narangba Pty Ltd ATF Dahua Pointcorp Narangba Unit Trust)\Working Files\Autocad\LD - Landscape\9330 L 04 Stage 10 Streetscape Layout Plan Sheet 3.dwg

ISSUE E 01/03/2019
COUNCIL AS
CONSTRUCTED ISSUE

NOTE: REFER TO DTS SURVEYORS
FULL ADAC DOCUMENTATION FOR
SURVEY ACCURATE LOCATIONS OF
COMPLETED WORKS.


Glen Challenor AILA No.# 1204

Stage 10 Streetscape Layout Plan Sheet 2
Scale 1:200 @ A1
1:400 @ A3



landscape architecture

LEGEND:

to be read in conjunction with
accompanying SHG & MBRC Detail Drawings,
Specifications and Schedules that form part of the
detailed landscape documentation set.

PROPOSED TREE LOCATIONS:
Refer to Planting Plan & Schedule

GROUNDCOVERS, FEATURE
PLANT & SHRUB LOCATIONS:
Refer to Planting Plan & Schedule

MULCHED PLANTING AREA:
Mulch, Topsoil and Cultivation.

COIR-MATTED PLANTING AREA:
Matting, Topsoil and Cultivation.

BIO-BASIN FLOOR PLANTING AREA:
Sugarcane Mulch, Jute Netting over
filter media.

SPADE CUT EDGING:
Maintain between grass and planting.
Refer Spec.

TURFED AREA:
A Grade Green Couch, Topsoil and
Cultivation

BROOM FINISHED CONCRETE:
Plain Concrete paths
Refer Specifications and Details

PAVING TYPE 1:
Broom Finished Coloured Concrete
Refer Specifications and Details

PAVING TYPE 2:
Exposed Aggregate Finished Coloured
Refer Specifications and Details

LIGHT POLE INDICATIVE LOCATION:
Refer Elec. Eng. Confirm tree setbacks at
pre-start meeting prior to excavation.

TIMBER BOLLARDS: 1.5M Centres
Typically - Refer to Details

REMOVABLE BOLLARDS:
Refer to Details

ACOUSTIC FENCE 2.4m HIGH ON
TOP OF RETAINING WALL
All works by Civil.
Root Barrier
900 Deep Refer Plans, Details and
Specifications.

NOTES:

Key service locations are shown where available to assist
with site works. For complete details of service information
refer to full Engineer's and Architect's drawing sets and
confirm all locations on site prior to excavation. No
excavations to take place without approval of the Site
Superintendent.

AMENDMENTS:

Issue	Date	Description	Checked
A	03/08/2018	Client Approval	GC
B	10/08/2018	Council Approval	GC
C	19/10/2018	REV/Tender Issue	GC
D	22/11/2018	Council Tender Rev Issue	GC
E	01/03/2019	Council As Constructed Issue	GC

**saunders
havill
group**
40 YEARS
1978-2018
Saunders Havill Group Pty Ltd ABN 24 144 972 949
Brisbane • Emerald • Gladstone
head office 9 Thompson St Bowen Hills Q 4006
phone 1800 123 SHG web www.saundershavill.com
surveying • town planning • urban design • environmental management • landscape architecture

DISCLAIMER:

Designs documented on this drawing are the property of Saunders Havill Group
PTY LTD and are not authorised for reproduction or use in whole or part
without written permission.

These plans have been prepared for the exclusive use of the client. Saunders
Havill Group do not accept responsibility for any use of or reliance upon the
contents of these drawings by any third party. Confirm all dimensions on site
and clarify any discrepancies prior to construction.

CLIENT:

DAHUA POINTCORP
NARANGBA PTY LTD

PROJECT:

Amity
Stages 10

DRAWING:

Streetscape
Layout Plan - Sheet 3

SCALE:

1:200@A1
1:400@A3

DATE: September 18

CHECKED: GC

PROJECT No: 9330

DRAWN: FS

DRAWING No: 9330 L 04 E

J:\9330 Burpengary Road (Amity - Stage 10), Narangba (Dahua Pointcorp Narangba Pty Ltd ATF Dahua Pointcorp Narangba Unit Trust)\Working Files\AutocAD\ - Landscape\9330 L 05 Stage 10 Streetscape Planting Plan Sheet 1.dwg

JOIN LINE - REFER 9330 L 04

TURF REPAIR TO ALL AREAS OF
DISTURBANCE TO ROAD RESERVE.
ALLOWANCE FROM OLD PROPERTY
BDY TO EDGE OF NEW DEVELOPMENT

ACOUSTIC FENCE SCREEN
PLANTING MODULE
Refer 9330 L09

ACOUSTIC FENCE SCREEN
PLANTING MODULE
Refer 9330 L09

MAX 3m

ACOUSTIC FENCE 2.4m HIGH
ON TOP OF RETAINING WALL
All works by Civil.
All works inside private lots.

TURF TO ROAD
RESERVES:
Refer to landscape
specifications.

LD 01
ADVANCED
TREES
Refer Details

NOTE:
Indicative Future
Driveways Shown
for planning.

TURF TO ROAD
RESERVES:
Refer to
landscape
sp 9 LOP con
(45L)

FUTURE
STAGE
WORKS

Stage 10 Streetscape Layout Plan Sheet 1
Scale 1:200 @ A1
1:400 @ A3

JOIN LINE - REFER 9330 L 03

TURF TO ROAD
RESERVES:
Refer to
landscape
specifications.

LD 01
ADVANCED
TREES
Refer Details

NOTE:
Indicative Future
Driveways Shown
for planning.

FUTURE
STAGE
WORKS

Inset - Stage 10
Streetscape Layout Plan Sheet 1
Scale 1:200 @ A1
1:400 @ A3

landscape architecture

LEGEND: to be read in conjunction with
accompanying SHG & MBRC Detail Drawings,
Specifications and Schedules that form part of the
detailed landscape documentation set.

- PROPOSED TREE LOCATIONS:
Refer to Planting Plan & Schedule
- GROUNDCOVERS, FEATURE
PLANT & SHRUB LOCATIONS:
Refer to Planting Plan & Schedule
- MULCHED PLANTING AREA:
Mulch, Topsoil and Cultivation.
- COIR-MATTED PLANTING AREA:
Matting, Topsoil and Cultivation.
- BIO-BASIN FLOOR PLANTING AREA:
Sugarcane Mulch, Jute Netting over
filter media.
- SPADE CUT EDGING:
Maintain between grass and planting.
Refer Spec.
- TURFED AREA:
A Grade Green Couch, Topsoil and
Cultivation
- BROOM FINISHED CONCRETE:
Plain Concrete paths
Refer Specifications and Details
- PAVING TYPE 1:
Broom Finished Coloured Concrete
Refer Specifications and Details
- PAVING TYPE 2:
Exposed Aggregate Finished Coloured
Refer Specifications and Details
- LIGHT POLE INDICATIVE LOCATION:
Refer Elec. Eng. Confirm tree setbacks at
pre-start meeting prior to excavation. No
excavations to take place without approval of the Site
Superintendent.
- TIMBER BOLLARDS: 1.5M Centres
Typically - Refer to Details
- REMOVABLE BOLLARDS:
Refer to Details
- ACOUSTIC FENCE 2.4m HIGH ON
TOP OF RETAINING WALL
All works by Civil.
All works inside private lots.
- ROOT BARRIER:
900 Deep Refer Plans, Details and
Specifications.

NOTES:
Key service locations are shown where available to assist
with site works. For complete details of service information
refer to full Engineer's and Architect's drawing sets and
confirm all locations on site prior to excavation. No
excavations to take place without approval of the Site
Superintendent.

AMENDMENTS:			
Issue	Date	Description	Checked
A	03/08/2018	Client Approval	GC
B	10/08/2018	Council Approval	GC
C	19/10/2018	RFI / TENDER ISSUE	GC
D	22/11/2018	Council Tender Rev Issue	GC
E	01/03/2019	Council As Constructed Issue	GC

saunders
havill
group
40 YEARS
1975 - 2015
Saunders Havill Group Pty Ltd ABN 24 144 972 949
Brisbane • Emerald • Gladstone
head office 9 Thompson St Bowen Hills Q 4006
phone 1800 123 SHG web www.saundershavill.com
surveying • town planning • urban design • environmental management • landscape architecture



DISCLAIMER:
Designs documented on this drawing are the property of Saunders Havill Group
PTY LTD and are not authorised for reproduction or use in whole or part
without written permission.

These plans have been prepared for the exclusive use of the client. Saunders
Havill Group do not accept responsibility for any use of or reliance upon the
contents of these drawings by any third party. Confirm all dimensions on site
and clarify any discrepancies prior to construction.

CLIENT: DAHUA POINTCORP
NARANGBA PTY LTD

PROJECT: Amity
Stages 10

DRAWING: Streetscape
Planting Plan - Sheet 1

SCALE: 1:200@A1 0 2 4 10m
1:400@A3

DATE: August 18 CHECKED: GC

PROJECT No: 9330 DRAWN: FS
















DRAWING No: 9330 L 05 E

ISSUE E 01/03/2019
COUNCIL AS
CONSTRUCTED ISSUE
NOTE: REFER TO DTS SURVEYORS
FULL ADAC DOCUMENTATION FOR
SURVEY ACCURATE LOCATIONS OF
COMPLETED WORKS.

Glen Challenor

Glen Challenor AILA No.# 1204

LEGEND: to be read in conjunction with accompanying SHG & MBRC Detail Drawings, Specifications and Schedules that form part of the detailed landscape documentation set.

-  **PROPOSED TREE LOCATIONS:**
Refer to Planting Plan & Schedule
-  **GROUNDCOVERS, FEATURE PLANT & SHRUB LOCATIONS:**
Refer to Planting Plan & Schedule
-  **MULCHED PLANTING AREA:**
Mulch, Topsoil and Cultivation.
-  **COIR-MATTED PLANTING AREA:**
Matting, Topsoil and Cultivation.
-  **BIO-BASIN FLOOR PLANTING AREA:**
Sugarcane Mulch, Jute Netting over filter media.
-  **SPADE CUT EDGING:**
Maintain between grass and planting. Refer Spec.
-  **TURFED AREA:**
A Grade Green Couch, Topsoil and Cultivation
-  **BROOM FINISHED CONCRETE:**
Plain Concrete paths
Refer Specifications and Details
-  **PAVING TYPE 1:**
Broom Finished Coloured Concrete
Refer Specifications and Details
-  **PAVING TYPE 2:**
Exposed Aggregate Finished Coloured
Refer Specifications and Details
-  **LIGHT POLE INDICATIVE LOCATION:**
Refer Elec. Eng. Confirm tree setbacks at pre-start meeting prior to excavation.
-  **TIMBER BOLLARDS:** 1.5M Centres
Typically - Refer to Details
-  **REMOVABLE BOLLARDS:**
Refer to Details
-  **ACOUSTIC FENCE 2.4m HIGH ON TOP OF RETAINING WALL:**
All works by Civil.
All works inside private lots.
-  **ROOT BARRIER:**
900 Deep Refer Plans, Details and Specifications.

NOTES:
Key service locations are shown where available to assist with site works. For complete details of service information refer to full Engineer's and Architect's drawing sets and confirm all locations on site prior to excavation. No excavations to take place without approval of the Site Superintendent.

AMENDMENTS:			
Issue	Date	Description	Checked
A	03/08/2018	Client Approval	GC
B	10/08/2018	Council Approval	GC
C	19/10/2018	RFI/Tender Issue	GC
D	22/11/2018	Council Tender Rev Issue	GC
E	01/03/2019	Council As Constructed Issue	GC

saunders havill group 40 YEARS
 Saunders Havill Group Pty Ltd ABN 24 144 972 949
 Brisbane • Emerald • Gladstone
 head office 9 Thompson St Bowen Hills Q 4006
 phone 1800 123 SHG web: www.saundershavill.com
 surveying • town planning • urban design • environmental management • landscape architecture



DISCLAIMER:
 Designs documented on this drawing are the property of Saunders Havill Group Pty Ltd and are not authorised for reproduction or use in whole or part without written permission.

These plans have been prepared for the exclusive use of the client. Saunders Havill Group do not accept responsibility for any use of or reliance upon the contents of these drawings by any third party. Confirm all dimensions on site and clarify any discrepancies prior to construction.

CLIENT: DAHUA POINTCORP NARANGBA PTY LTD

PROJECT: Amity Stages 10

DRAWING: Streetscape Planting Plan - Sheet 2

SCALE: 1:200@A1 0 2 4 10m
 1:400@A3

DATE: July 18 **CHECKED:** GC



PROJECT No: 9330 **DRAWN:** FS

DRAWING No: 9330 L 06 E

ISSUE E 01/03/2019
COUNCIL AS CONSTRUCTED ISSUE
 NOTE: REFER TO DTS SURVEYORS FULL ADAC DOCUMENTATION FOR SURVEY ACCURATE LOCATIONS OF COMPLETED WORKS.

Glen Challenor

Glen Challenor AILA No.# 1204




 GROUNDCOVERS, FEATURE
 PLANT & SHRUB LOCATIONS:
 Refer to Planting Plan & Schedule




COIR-MATTED PLANTING AREA:
Matting, Topsoil and Cultivation.



BIO-BASIN FLOOR PLANTING AREA:
Sugarcane Mulch, Jute Netting over
filter media.


	<p>SPADE CUT EDGING:</p> <p>Maintain between grass and planting.</p> <p>Refer Spec.</p>
---	---

 **TURFED AREA:**
A Grade Green Couch, Topsoil and
Cultivation



BROOM FINISHED CONCRETE:
Plain Concrete paths
Refer Specifications and Details


PAVING TYPE 1:
Broom Finished Coloured Concrete
Refer Specifications and Details


PAVING TYPE 2:
Exposed Aggregate Finished Coloured
Refer Specifications and Details

 LIGHT POLE INDICATIVE LOCATION:
Refer Elec. Eng. Confirm tree setbacks at
pre-start meeting prior to excavation.

 TIMBER BOLLARDS: 1.5M Centres
Typically - Refer to Details

	REMOVABLE BOLLARDS: Refer to Details
	ACOUSTIC FENCE 2.4m HIGH ON

 TOP OF RETAINING WALL
All works by Civil.
All works inside private lots.

 ROOT BARRIER:
900 Deep Refer Plans, Details and Specifications.

NOTES:
Key service locations are shown where available to assist with site works. For complete details of service information refer to full Engineer's and Architect's drawing sets and confirm all locations on site prior to excavation. No excavations to take place without approval of the Site Superintendent.

AMENDMENTS:

Issue	Date	Description	Checked
A	03/08/2018	Client Approval	GC
B	10/08/2018	Council Approval	GC
C	19/10/2018	RFI/Tender Issue	GC
D	22/11/2018	Council Tender Rev Issue	GC
E	01/03/2019	Council As Constructed Issue	GC

SH saunders
havill
group

40
YEARS
1975-2015

Saunders Havill Group Pty Ltd **ABN 24 144 972 949**
Brisbane • Emerald • Gladstone
head office 9 Thompson St Bowen Hills Q 4006
phone 800 123 SHG web www.saundershavill.com
surveying • town planning • urban design • environmental management • landscape architecture

DISCLAIMER:
Designs documented on this drawing are the property of Saunders Havill Group PTY LTD and are not authorised for reproduction or use in whole or part without written permission.

These plans have been prepared for the exclusive use of the client. Saunders Havill Group do not accept responsibility for any use of or reliance upon the contents of these drawings by any third party. Confirm all dimensions on site and clarify any discrepancies prior to construction.

CLIENT: DAHUA POINTCORP
NARANGBA PTY LTD

PROJECT: Amity

Stages 10

DRAWING: Streetscape

Planting Plan - Sheet 3

SCALE: 1:200@A1 0 2 4 10m
1:400@A3

DATE: September 18	CHECKED: GC
--------------------	-------------

PROJECT No: 9330	DRAWN: FS
DRAWING No: 9330 L 07 E	

© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 395–402

ISSUE E 01/03/2019
COUNCIL AS
CONSTRUCTED ISSUE

NOTE: REFER TO DTS SURVEYORS
FULL ADAC DOCUMENTATION FOR
SURVEY ACCURATE LOCATIONS OF
COMPLETED WORKS.

Glen Challenor AILA No.# 1204

Stage 10 Streetscape Planting Plan Sheet 3

Scale 1:200 @ A1
1:400 @ A3

BASIN FLOOR PLANTING AREA
TOTAL AREA = 695m²
INSTALL " JUTENETTING"
OVER 75mm THICK SUGARCANE
MULCH. FILTER MEDIA (BY CIVIL).
PLANT AT HIGH DENSITY WITH
SEDGES (REFER SCHEDULES).
SACRIFICIAL TURF UNTIL 80%
HOUSE COMPLETION.

FOR COIRMATTING
PLANT DETAILS
REFER SCHEDULE
ON 9330 L 08

20 m
PLANT MODULE

JOIN LINE - REFER 9330 L 05

J:\9330 Burpengary Road (Amity - Stage 10), Narangba (Dahua Pointcorp Narangba Pty Ltd ATF Dahua Pointcorp Narangba Unit Trust)\Working Files\AutoCAD\ - Landscape\9330 L 08 Stage 10 Plant Schedules Sheet 1.dwg

9330 BUNPERGARY ROAD - AMITY STAGE 10, Narangba (Pointcorp Narangba Pty Ltd)
DRAINAGE RESERVE - PLANT SCHEDULE (ISSUE D - 19.11.2018)

(This Schedule covers plants specified on Dwgs 9330 L 07.
For additional plants to basin mulched and matted planting areas refer to separate schedules on DWG 89330 L 08)

CODE	SPECIES	COMMON NAME	POT SIZE	TOTAL NO	HEIGHT MIN.	SPEAD MIN.	CALIPER MIN	STAKING	ROOT BARRIER
TREES									
ACM hem	ACMENA hemilampra	"Broad-leaved lilly pilly"	45L	2	1800mm	1000mm	50mm	Yes	
ACM smi	ACMENA smithii	"Lilly Pilly Satinash"	45L	4	1800mm	1000mm	50mm	Yes	
AGA rob	AGATHIS robusta	"Kauri Pine"	45L	8	1800mm	1000mm	50mm	Yes	
CUP ana	CUPANIOPSIS anarcardiodes	"Tuckeroo"	45L	5	1800mm	800mm	50mm	Yes	
HAR pen	HARPULLIA pendula	"Tulipwood"	45L	6	1750mm, clear trunk 1000mm	1000mm	50mm	Yes	
LOP con	LOPHOSTEMON confertus	"Brush Box"	45L	4	2400mm, clear trunk 1000mm	1200mm	70mm	Yes	
WAT flo	WATERHOUSIA floribunda	"Weeping lillypilley"	45L	16	1800mm	1000mm	50mm	Yes	
SHRUBS & FEATURES									
CAL CC	CALLISTEMON "Captain Cook"	"Captain Cook"	200mm	128	500mm	300mm	20mm		
DOR exc	DORYANTHES excelsa	"Gynea Lily"	200mm	31	400mm	300mm	20mm		
MEL CT	MELALEUCA "Claret Tops"	"Claret Tops"	200mm	289	300mm	300mm	15mm		
SYZ res	SYZGIUM "Lilly Pilly" Resilie	"Lilly Pilly"	200mm	165	400mm	400mm	20mm		
GROUNDCOVERS									
DIE bic	DIETES bicolor	"Day lily"	140mm	473	150mm	150mm			
GAZ rig	GAZANIA rigens	"Daybreak"	140mm	412	150mm	150mm			
LIR EG	LIRIOPE Evergreen Giant	"Giant Mondo"	140mm	314	250mm	200mm			
LOM hys	LOMANDRA hystrix	"Matrush"	75mm	636	300mm	250mm			
PHI Xan	PHILODENDRON Xanadu	"Dwarf Philoddendron"	140mm	196	200mm	200mm			

ISSUE E 01/03/2019
COUNCIL AS
CONSTRUCTED ISSUE
NOTE: REFER TO DTS SURVEYORS
FULL ADAC DOCUMENTATION FOR
SURVEY ACCURATE LOCATIONS OF
COMPLETED WORKS.



Glen Challenor AILA No.# 1204

9330 BUNPERGARY ROAD - AMITY STAGE 10, Narangba (Pointcorp Narangba Pty Ltd)
STREETSCAPE - PLANT SCHEDULE (ISSUE D - 19.11.2018)

CODE	SPECIES	COMMON NAME	POT SIZE	TOTAL NO	HEIGHT MIN.	SPEAD MIN.	CALIPER MIN	STAKING	ROOT BARRIER
TREES									
BUC cel	BUCKINGHAMIA celssima	"Ivory Curl Tree"	45L	5	1700mm	800mm	50mm	Yes	
CUP ana	CUPANIOPSIS anarcardiodes	"Tuckeroo"	45L	14	1800mm	800mm	50mm	Yes	
LOP con	LOPHOSTEMON confertus	"Brush Box"	45L	29	2400mm, clear trunk 1000mm	1200mm	70mm	Yes	
GROUNDCOVERS									
GAZ rig	GAZANIA rigens	"Daybreak"	140mm	22	150mm	150mm			
LIR EG	LIRIOPE Evergreen Giant	"Giant Mondo"	140mm	59	250mm	200mm			

9330 - BUNPERGARY RD - AMITY, NARANGBA - STAGE 10 BASIN OUTSIDE BATTER PLANT SCHEDULE
REVEGETATION IN COIRMATTED PLANTING AREAS - DOMINATED BY NATIVE GRASS SPECIES AND
GROUND COVERS - Plant Species List

Approximate Total Area = 925 M2
RFI TENDER ISSUE D - 19.11.18

NOTES - CONFIRM PLANTING LOCATIONS ON SITE WITH LANDSCAPE ARCHITECT:					
1) Revegetation mixes to basin batters and in overland flow path areas.					
2) No trees or shrubs to be installed in revegetation areas within 1.5m of pathways & services.					
3) Sedge species locate at bottom of batters.					
4) Species distribution to be in clumps of 10 or more and in formed swathes to nominated densities					
SPECIES	COMMON NAME	PLANT FORM	POT SIZE	PLANTING DENSITY OVERALL @ 2.0 PER 1M ² MINIMUM	QUANTITY
SHRUBS		Percentage of total mix =	13%	1/4m2	
	Callistemon viminalis	"Bottle Brush"	Shrub	Tube	1/15m2 62
	Banksia robur	"Swamp Banksia"	Shrub	Tube	1/15m2 62
	Leptospermum polygafolium	"Tantoon"	Shrub	Tube	1/15m2 62
	Melaleuca pachyphylla	"Wallum Bottlebrush"	Shrub	Tube	1/20m2 46
				SUBTOTAL	231
NATIVE GRASSES		Percentage of total mix =	66%	2 / m2	
	Cymbopogon refractus	"Barbed Wire Grass"	Native Grass	Tube	1/10m2 93
	Gahnia aspera	Razor Grass	Ground	Tube	1/10m2 93
	Lomandra hystrix	Creek Mat Rush	Native Grass	Tube	1/1.5m2 617
	Lomandra longifolia	Mat Rush	Native Grass	Tube	1/3m2 308
	Themeda australis	"Kangaroo Grass"	Native Grass	Tube	1/9m2 109
				SUBTOTAL	1219
SEDGES		Percentage of total mix =	10%	1 / 5 m2	
	Carex appressa	"Tall Sedge"	Sedge	Tube	1/20m2 46
	Isolepis nodosa	"Knobby Club Rush	Sedge	Tube	1/20m2 46
	Juncus usitatus	"Sedge"	Sedge	Tube	1/20m2 46
	Phylidrium lanuginisum	"Frogs Mouth Sedge"	Sedge	Tube	1/20m2 46
				SUBTOTAL	185
GROUNDCOVERS		Percentage of total mix =	12%	1 / 3.25 m2	
	Eustrephus latifolius	Wombat Berry	Ground	Tube	1/25m2 37
	Hibbertia scandens	"Guinea Flower"	Ground	Tube	1/15m2 62
	Myoporum ellipticum	"Boobialla"	Ground	Tube	1/8m2 116
				SUBTOTAL	214
				OVERALL TOTAL	1850

DEFERRED WORKS

9330 BURPENGARY RD - AMITY STAGE 10, NARANGBA - BIO-RETENTION BASIN FLOOR PLANT SPECIES SCHEDULE - ISSUE D							
Plant species and densities are based on WSUD Technical Design Guidelines - Appendix A							
TOTAL AREA = 695 M2 - Distribution of species based on anticipated drainage patterns.							
PLANTING TYPE	TOTAL AREA (m2)	PLANT SPECIES	COMMON NAME	PROPORTION OF TOTAL AREA	PROPORTION OF AREA (m2)	DENSITY PER M2	QTY
Frequently wet areas but free draining	695	CAREX appressa	Tall Sedge	10%	69.5	6	417
		LOMANDRA hystrix	Creek Matrush	35%	243.25	5	1216
		ISOLEPIS nodosa	Knobby Clubrush	25%	173.75	7	1216
		PHILYDRUM lanuginosum	Wooly Frogsmouth	10%	69.5	6.5	452
		JUNCUS usitatus	Sedge	20%	139	6.5	904
		SUB-TOTAL		100%	695	6.05	4205

AMENDMENTS:			
Issue	Date	Description	Checked
A	03/08/2018	Client Approval	GC
B	10/08/2018	Council Approval	GC
C	19/10/2018	RFI/Tender Issue	GC
D	19/10/2018	Council Tender Rev Issue	GC
E	01/03/2019	Council As Constructed Issue	GC



Saunders Havill Group Pty Ltd ABN 24 144 972 949
Brisbane • Emerald • Gladstone
Head office 9 Thompson St Bowen Hills Q 4006
phone 1800 123 SHG web www.saundershavill.com
surveying • town planning • urban design • environmental management • landscape architecture





DISCLAIMER:
Designs documented on this drawing are the property of Saunders Havill Group Pty Ltd and are not authorised for reproduction or use in whole or part without written permission.

These plans have been prepared for the exclusive use of the client. Saunders Havill Group do not accept responsibility for any use of or reliance upon the contents of these drawings by any third party. Confirm all dimensions on site and clarify any discrepancies prior to construction.

CLIENT: DAHUA POINTCORP NARANGBA PTY LTD

PROJECT: Amity Stages 10

DRAWING: Plant Schedules

SCALE: AS NOTED

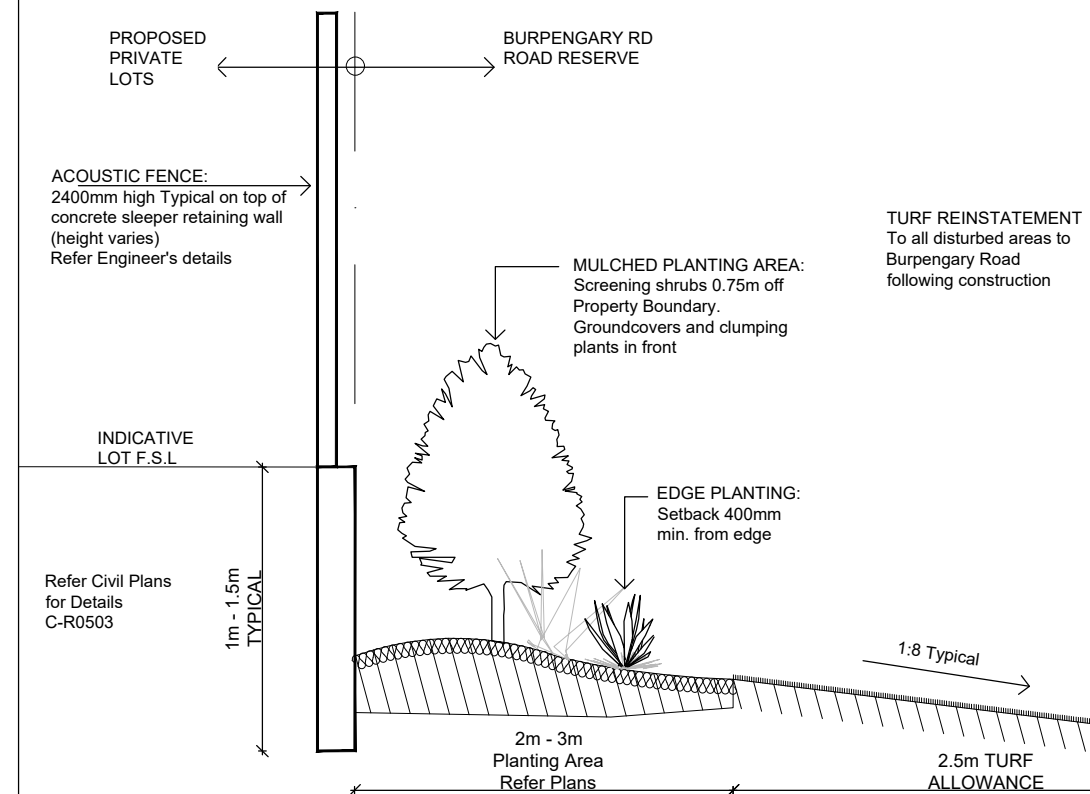
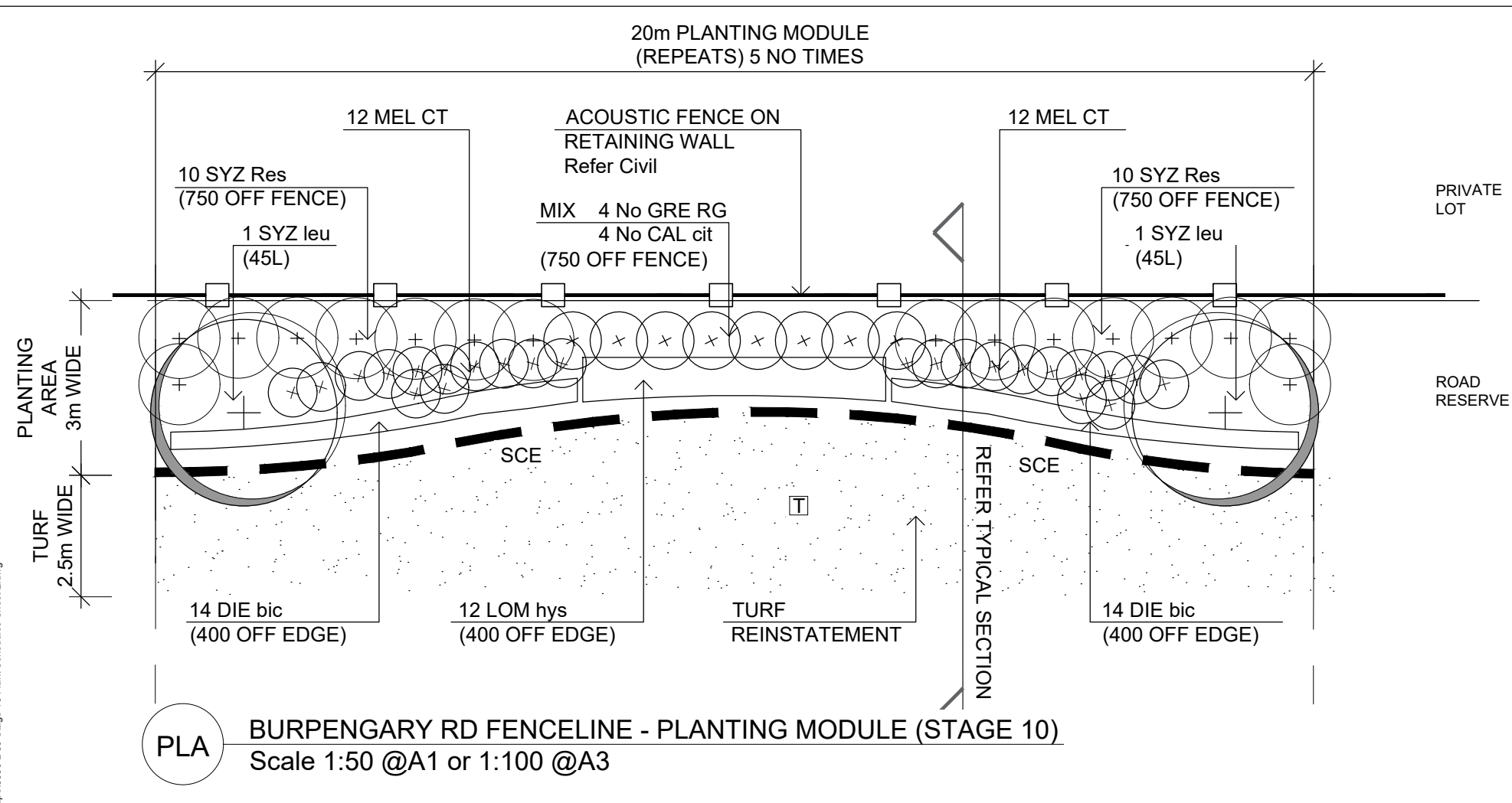
DATE: July 18

CHECKED: GC

PROJECT No: 9330

DRAWN: FS

DRAWING No.: 9330 L 08 E



PROJECT: 9330 BUNPERGARY ROAD STAGE 10 - FENCE BUFFER PLANT SCHEDULE - (Issue D)
ONE TYPICAL MODULE = 20 X 2m (40m²)

				MODULE REPEATS =		POT SIZE SUMMARY				
CODE	SPECIES	COMMON NAME	POT SIZE	TOTAL (1 Module)	(No. Modules)	45L	300mm	200mm	140mm	75mm
TREES										
SYZ leu	SYZYGIUM leuhmannii	"Riberry"	45L	2	10	10				
LARGER SHRUBS										
SYZ Res	SYZYGIUM "Cascade"	"Lilly Pilly"	200mm	16	80			80		
SMALLER SHRUBS										
CAL cit	CALLISTEMON citrinus	"Crimson Bottlebrush"	200mm	4	20			20		
GRE RG	GREVILLEA "Robyn Gordon"	"Robyn Gordon"	200mm	4	20			20		
MEL CT	MELALEUCA 'Claret Tops'	Claret Tops'	200mm	24	120			120		
GROUNDCOVERS										
DIE bic	DIETES bicolor	"Day lilly"	140mm	28	140				140	
LOM hys	LOMANDRA hystrix	"Matrush"	75mm	12	60					60
TOTAL (2 per m2 overall)				90	450	10	0	240	140	60

AMENDMENTS:			
Issue	Date	Description	Checked
A	03/08/2018	Client Approval	GC
B	10/08/2018	Council Approval	GC
C	19/10/2018	RFI/Tender Issue	GC
D	22/11/2018	Council Tender Rev Issue	GC
E	01/03/2019	Council As Constructed Issue	GC

saunders havill group 40 YEARS
1978-2018
Saunders Havill Group Pty Ltd ABN 24 144 972 949
Brisbane • Emerald • Gladstone
head office 9 Thompson St Bowen Hills Q 4006
phone 1800 123 SHG web: www.saundershavill.com
surveying • town planning • urban design • environmental management • landscape architecture



DISCLAIMER:
Designs documented on this drawing are the property of Saunders Havill Group PTY LTD and are not authorised for reproduction or use in whole or part without written permission.

These plans have been prepared for the exclusive use of the client. Saunders Havill Group do not accept responsibility for any use of or reliance upon the contents of these drawings by any third party. Confirm all dimensions on site and clarify any discrepancies prior to construction.

CLIENT: DAHUA POINTCORP NARANGBA PTY LTD

PROJECT: Amity Stages 10

DRAWING: Plant Schedules Sheet 2

SCALE: 1:200@A1 0 2 4 10m
1:400@A3

DATE: August 18 CHECKED: GC

PROJECT No: 9330 DRAWN: FS

DRAWING No: 9330 L 09 E

ISSUE E 01/03/2019
COUNCIL AS CONSTRUCTED ISSUE
NOTE: REFER TO DTS SURVEYORS FULL ADAC DOCUMENTATION FOR SURVEY ACCURATE LOCATIONS OF COMPLETED WORKS.

Glen Challenor

Glen Challenor AILA No.# 1204

NOTES:
1. PLANTING HOLE: Dig hole and cultivate subgrade as shown
2. WATERING
Thoroughly water the root ball of each plant immediately after planting.
PLANT: Refer Plant Schedule and Specification.

3. AN ADVANCED CONTAINER PLANT:
An advanced container plant shall be plant stock in container sizes of 25L and greater.
4. WATER RETENTION CRYSTALS:
Apply water retention crystals at Manufacturer's rates to cultivated subgrade.
5. ROOT BARRIER IN 3M LENGTHS
(ONLY FOR SPECIFIC TREES NOTED IN PLANT SCHEDULE)
Install "Nylex Root Barrier" or approved equivalent (600mm depth) setback as close as possible as approved by Civil Engineers.
Backfill with 20mm drainage gravel.

ALL TREES TO HAVE DOMINANT CENTRAL LEADER: No Co-joined trunks - confirm at nursery inspection.
CULTIVATED SUBGRADE & SIDES: Refer specification.

HOLE MIN. 2 TIMES WIDTH OF ROOTBALL

SETBACK: 1M from Back of Kerb or if adjacent to pathway place centrally between path edge & back of kerb.
HARDWOOD STAKE: 2 NO. 50x50x1800mm - 600mm of stake into natural ground. Do not place stakes through rootball. Secure with hessian ties by looping ties in a figure eight pattern. NOTE: Number of stakes will vary with pot size- refer plant schedule.

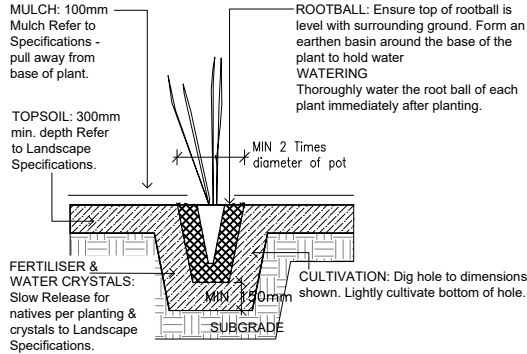
1000 from B.O.K. OR CENTRAL BETWEEN B.O.K. AND PATH

MULCH: 100mm Depth - Pull away from base of plant. Mulch to B.O.K. and Min. 1m dia. for trees in grass.
FERTILISER TABLET: Place slow release fertiliser tablet at the depth of the rootball. Do not allow tablets to come in contact with roots.

IMPORTED SITE SOIL: Backfill planting hole with premium grade topsoil. Refer specification.
ROOT BARRIER: Finish 20mm above Mulch FSL

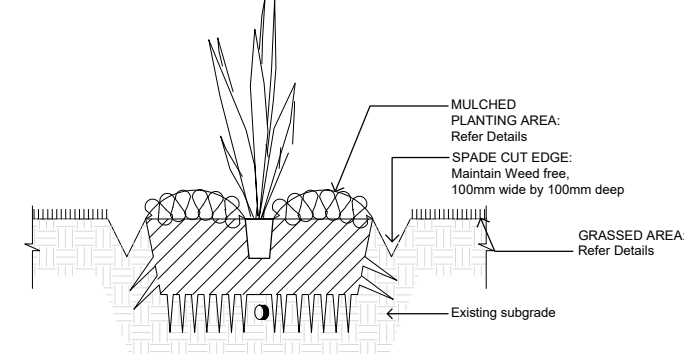
LD02 MASS PLANTING DETAIL

Scale 1:20 @ A1
1:40 @ A3



LD04 SPADE CUT EDGE DETAIL

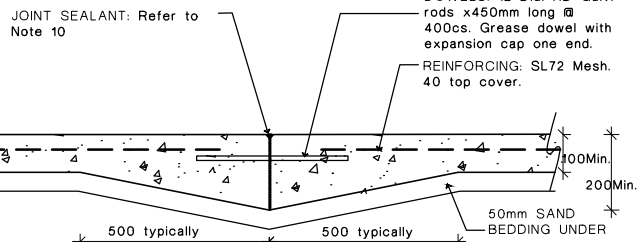
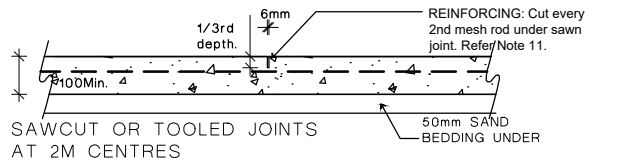
Scale 1:10 @ A1
1:20 @ A3



LD01 ADVANCED TREE DETAIL

Scale 1:20 @ A1
1:40 @ A3

NOTE:
Refer to Structural Engineer for confirmation of all concrete pavement specifications prior to construction.



EXPANSION JOINTS AT 12M CENTRES ON PATHS

NOTES:
1. REFER TO PLANS FOR CONCRETE SURFACE FINISHES.
2. CONCRETE: Maximum aggregate size 10mm, minimum slump 80mm.
3. BROOM FINISH: Perpendicular to direction of travel.
4. EXPOSED AGGREGATE: Medium Expose in accordance with current Cement and Concrete Association of Australia - Concrete Information Sheets. Show at least 70% clean, evenly distribute aggregate. All aggregate shall be well bonded in the cement matrix.

CONCRETE SLAB: 32MPA SL72 Reinforced, 50mm Bedding Sand as per LCC RS-0655

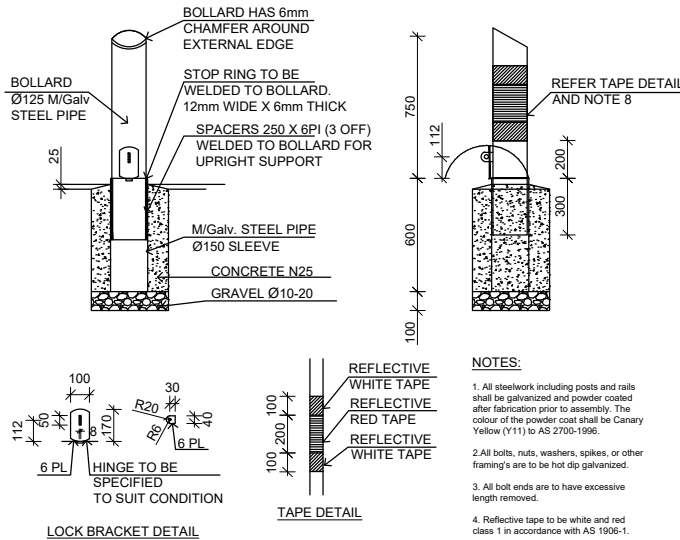
COMPACTED SUBGRADE: compacted to 97% modified maximum dry density (M.D.D.). Soft spots to be reconstructed with road base until suitable compaction is achieved

NOTES:

- Refer to relevant Council requirements for pathway width, dimensions and concrete colour.
- Concrete to be grade N32 AS 1379 and AS 3600 unless approved otherwise.
- Reinforcing requirements may be amended on written instructions from Council.
- Fibre reinforcement - When approved for use by the relevant Council, the concrete shall be reinforced with Class 2 macro structural synthetic polymer fibres in accordance with the manufacturers specification for the specified design load.
- For steel mesh reinforced paths at dowelled expansion joints: Mesh is to be stopped 75 from the joint, be placed under the dowels and chaired at min 50 cover from bottom to deter the mesh deflection interfering with the Dowels.
- Surface to be non-slip concrete finish to AS 1428.1.
- The dimension between kerb invert and edge of pathway may be varied subject to relevant council approval. For appropriate treatment of grades greater than 1 in 8 (12.5%), refer to AS 1428, Design for access & mobility.
- Where a vehicle crossing point, or path is subject to longitudinal traffic the pathway details shall be per relevant residential driveway standard details RS-050.
- Additional path details shall be as per Austroads Guidelines.
- Expansion joints to be sealed with a low modulus self priming sealant to the manufacturers specifications. The colour of the sealant is to match the adjoining surface finish.
- Saw cut joints are to be undertaken between 4 to 12 hours after laying depending on conditions. Joint sealant is required in sandy areas.
- All dimensions are in millimetres unless shown otherwise.

LD05 CONCRETE PAVING DETAIL

Scale 1:20 @ A1
1:40 @ A3



LD07 REMOVABLE BOLLARDS

Scale 1:10 @ A1
1:20 @ A3

NOTES:
1. All steelwork including posts and rails shall be galvanized and powder coated after fabrication prior to assembly. The colour of the powder coat shall be Canary Yellow (Y11) to AS 2700-1996.
2. All bolts, nuts, washers, spikes, or other framing's are to be hot dip galvanized.
3. All bolt ends are to have excessive length removed.
4. Reflective tape to be white and red class 1 in accordance with AS 1906-1.

AMENDMENTS:			
Issue	Date	Description	Checked
A	25/07/2018	Client Approval	GC
B	10/08/2018	Council Approval	GC
C	19/10/2018	RFI/Tender Issue	GC
D	22/11/2018	Council Tender Rev Issue	GC
E	22/11/2018	Council As Constructed Issue	GC

saunders havill group 40 YEARS
Saunders Havill Group Pty Ltd ABN 24 144 972 949
Brisbane • Emerald • Gladstone
head office 9 Thompson St Bowen Hills Q 4006
phone 1300 123 SHG web www.saundershavill.com
surveying • town planning • urban design • environmental management • landscape architecture

APPROVED COMPANY	APPROVED COMPANY
ISO9001 Quality Management Systems	ISO14001 Environmental Management Systems
QMS	QMS

DISCLAIMER:
Designs documented on this drawing are the property of Saunders Havill Group PTY LTD and are not authorised for reproduction or use in whole or part without written permission.

These plans have been prepared for the exclusive use of the client. Saunders Havill Group do not accept responsibility for any use of or reliance upon the contents of these drawings by any third party. Confirm all dimensions on site and clarify any discrepancies prior to construction.

CLIENT: DAHUA POINTCORP NARANGBA PTY LTD

PROJECT: Amity Stage 10

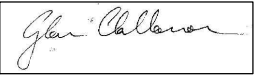
DRAWING: Landscape Construction Detail Sheet 1

SCALE: AS NOTED

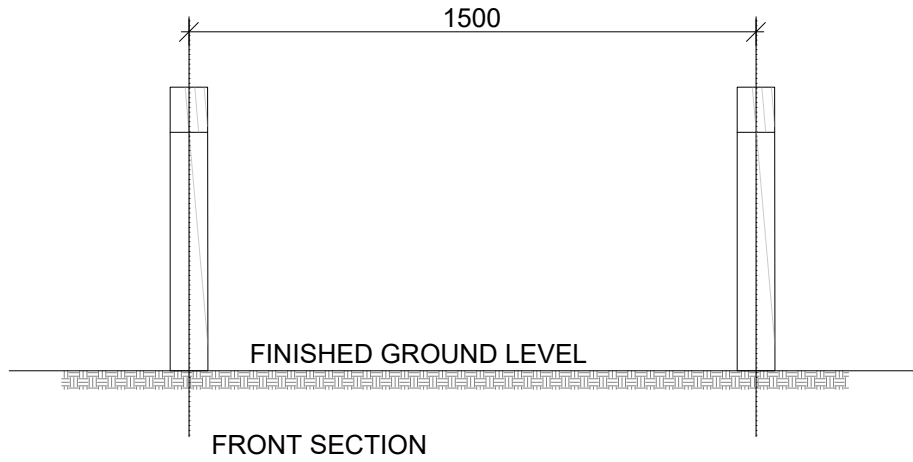
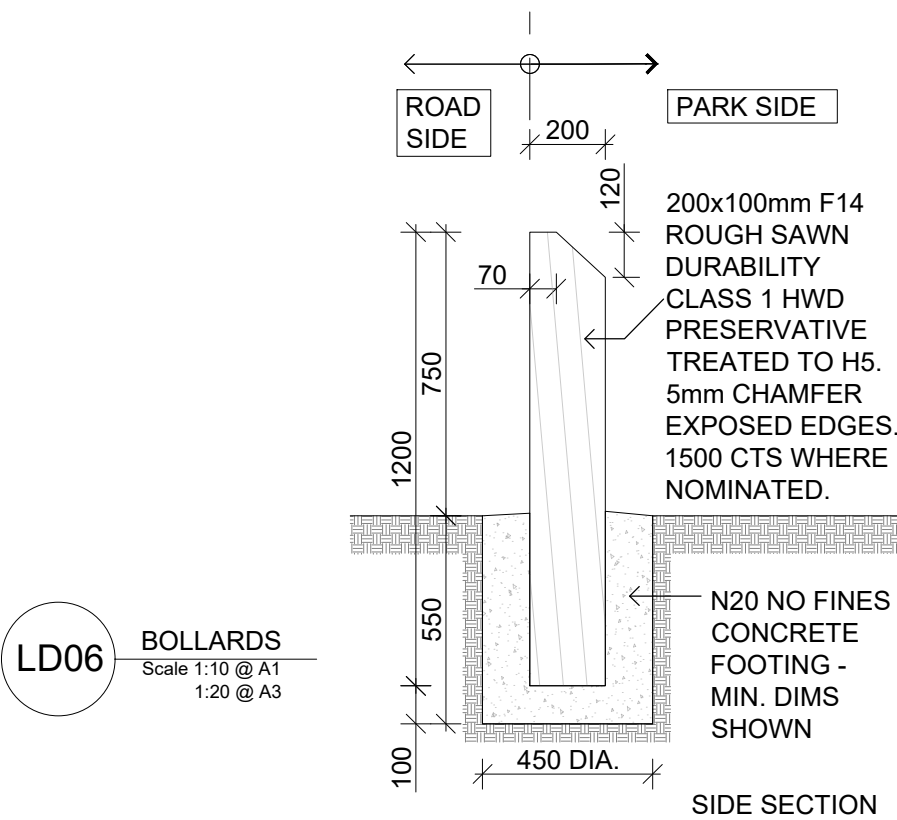
DATE: September 18 CHECKED: GC

PROJECT No: 9330 DRAWN: FS

DRAWING No: 9330 L 10 E

ISSUE E 01/03/2019
COUNCIL AS
CONSTRUCTED ISSUE
NOTE: REFER TO DTS SURVEYORS
FULL ADAC DOCUMENTATION FOR
SURVEY ACCURATE LOCATIONS OF
COMPLETED WORKS.

Glen Challenor AILA No.# 1204

J:\9330 Bupengary Road (Amity - Stage 10), Narangba (Dahua Pointcorp Narangba Pty Ltd ATF Dahua Pointcorp Narangba Unit Trust)\Working Files\AutoCAD\ - Landscape Construction Details Sheet 2.dwg



ISSUE E 01/03/2019
COUNCIL AS
CONSTRUCTED ISSUE

NOTE: REFER TO DTS SURVEYORS
FULL ADAC DOCUMENTATION FOR
SURVEY ACCURATE LOCATIONS OF
COMPLETED WORKS.

Glen Challenor

Glen Challenor AILA No.# 1204

AMENDMENTS:			
Issue	Date	Description	Checked
A	25/07/2018	Client Approval	GC
B	10/08/2018	Council Approval	GC
C	19/09/2018	RFI/Tender Issue	GC
E	01/03/2019	Council As Constructed Issue	GC

SH saunders havill group 40 YEARS
Saunders Havill Group Pty Ltd ABN 24 144 972 949
Brisbane • Emerald • Gladstone
head office 9 Thompson St Bowen Hills Q 4006
phone 1300 123 SHG web www.saundershavill.com

APPROVED COMPANY
ISO9001 Quality Management Systems
APPROVED COMPANY
ISO14001 Environmental Management Systems

DISCLAIMER:
Designs documented on this drawing are the property of Saunders Havill Group PTY LTD and are not authorised for reproduction or use in whole or part without written permission.
These plans have been prepared for the exclusive use of the client. Saunders Havill Group do not accept responsibility for any use of or reliance upon the contents of these drawings by any third party. Confirm all dimensions on site and clarify any discrepancies prior to construction.

CLIENT:	DAHUA POINTCORP NARANGBA PTY LTD		
PROJECT:	Amity Stage 10		
DRAWING:	Landscape Construction Detail Sheet 2		
SCALE:	AS NOTED		
DATE:	September 18	CHECKED:	GC
PROJECT No:	9330	DRAWN:	FS
DRAWING No.:	9330 L 11 E		