ARDEN RESERVE DRAWING LIST		
DRAWING NO.	DRAWING TITLE	REVISION
4672500-AL-A-000	TITLE PAGE AND DRAWING INDEX	A
4672500-AL-A-001	EXISTING PLANTING	A
4672500-AL-A-002	TREE PLANTING ZONES	A
4672500-AL-A-003	LOT BOUNDARY CROSS SECTIONS	A
4672500-AL-A-004	SITE WIDE CROSS SECTION	A
4672500-AL-A-005	SHADOW STUDY WINTER SOLSTICE 8am	A
4672500-AL-A-006	SHADOW STUDY WINTER SOLSTICE 10am	A
4672500-AL-A-007	SHADOW STUDY WINTER SOLSTICE 12pm	A
4672500-AL-A-008	SHADOW STUDY WINTER SOLSTICE 2pm	A
4672500-AL-A-009	SHADOW STUDY WINTER SOLSTICE 4pm	A
4672500-AL-A-010	SHADOW STUDY WINTER SOLSTICE 6pm	A
4672500-AL-A-011	SHADOW STUDY SUMMER SOLSTICE 8am	A
4672500-AL-A-012	SHADOW STUDY SUMMER SOLSTICE 10am	A
4672500-AL-A-013	SHADOW STUDY SUMMER SOLSTICE 12pm	A
4672500-AL-A-014	SHADOW STUDY SUMMER SOLSTICE 2pm	A
4672500-AL-A-015	SHADOW STUDY SUMMER SOLSTICE 4pm	A
4672500-AL-A-016	SHADOW STUDY SUMMER SOLSTICE 6pm	A
4672500-AL-A-017	INDICATIVE TREE PLANTING PLAN	A
4672500-AL-A-018	PERSPECTIVE RENDER	A
4672500-AL-A-019	TREE PLANTING GUIDELINES	A



Beca

LANDSCAPE ARCHITECTURE

Project No 4672500

CHRISTCHURCH CITY COUNCIL URBAN FOREST TREE PLANTING PLANS

FOR CONSULTATION

ARDEN RESERVE

Prepared for

Christchurch City Council

Beca

19TH FEBRUARY 2025

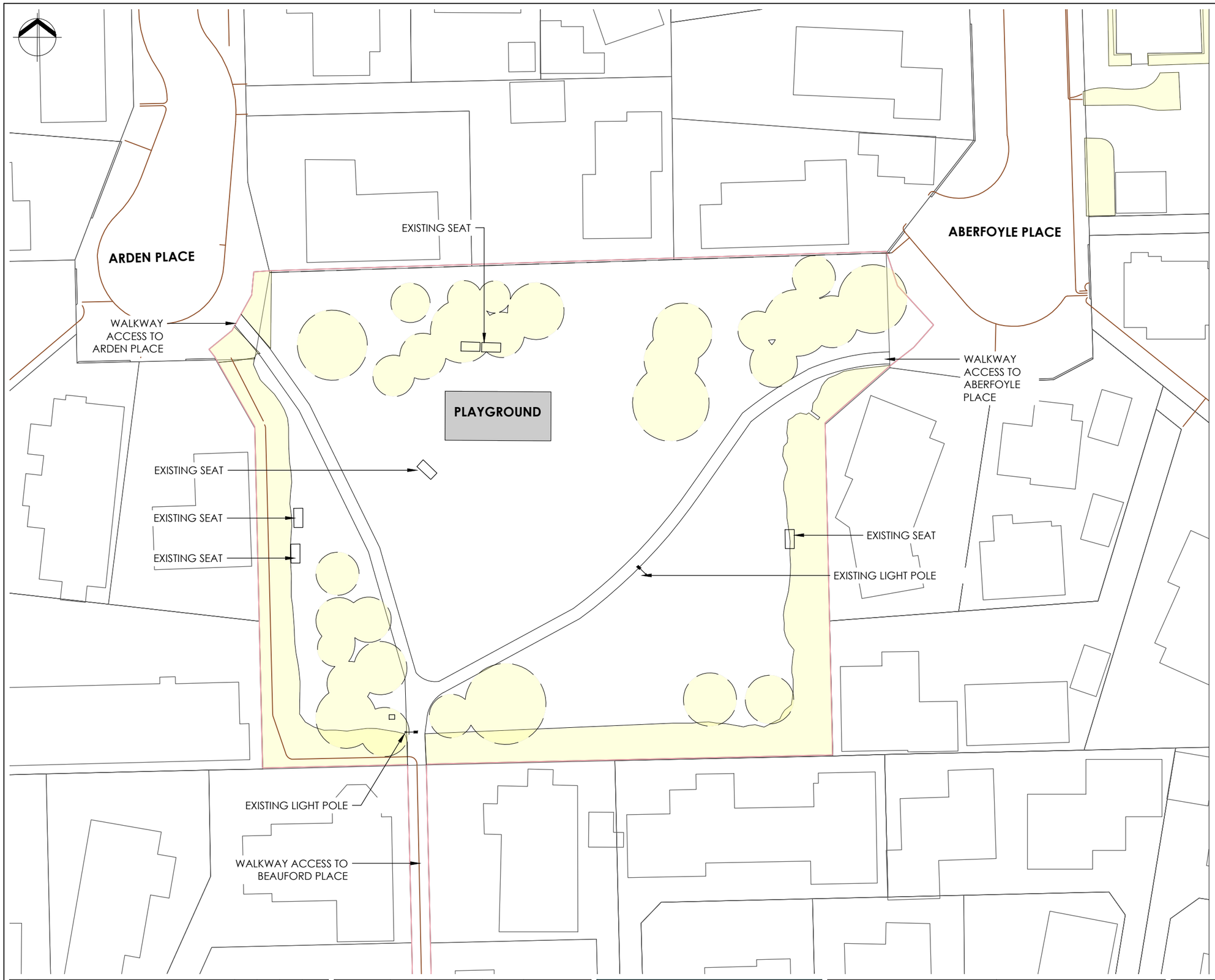
ORIGINAL DRAWING IN COLOUR

FOR CONSULTATION

Drawing No. 4672500-AL-A-000 | A

Document No. 467500-AL-TRA-[illegible]

Drawing Plotted: 19 Feb 2025 1:15 pm



LEGEND:

- EXISTING SITE DRAIN
- PARK BOUNDARY
- EXISTING TREES/ VEGETATION
- EXISTING FOOTPATH
- EXISTING PLAYGROUND
- EXISTING RESERVE AREA 5,215m²

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FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3)	Design	J BYRNE	19.02.25
1:500m	Drawn	R KIRKWOOD	19.02.25
	Dsg Verifier	J COOKE	19.02.25
	Drg Check	J BYRNE	19.02.25

Approved For Construction* Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE EXISTING PLANTING

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-001

Rev.: A

Document No. 4672500-AL-ARDEN RESERVE-000.DWG

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Drawing Plotted: 19 Feb 2025 1:15 pm



NOTES:

1. OPEN SPACE TO BE RETAINED FOR FUTURE DEVELOPMENT
2. FOR SECTIONS AA-GG, REFER TO SHEET A-003 AND A-004

LEGEND:

- EXISTING SITE DRAIN
- PARK BOUNDARY
- EXISTING TREES/ VEGETATION
- EXISTING FOOTPATH
- EXISTING PLAYGROUND
- EXISTING RESERVE AREA 5,215m²

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
- 10m-20m TREE HEIGHT ZONES
- 20m+ TREE HEIGHT ZONES

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3)	1:500		
Design	J BYRNE	19.02.25	Approved For Construction*
Drawn	R KIRKWOOD	19.02.25	
Dsg Verifier	J COOKE	19.02.25	
Drg Check	J BYRNE	19.02.25	Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE TREE PLANTING ZONES

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-002

Rev.: A

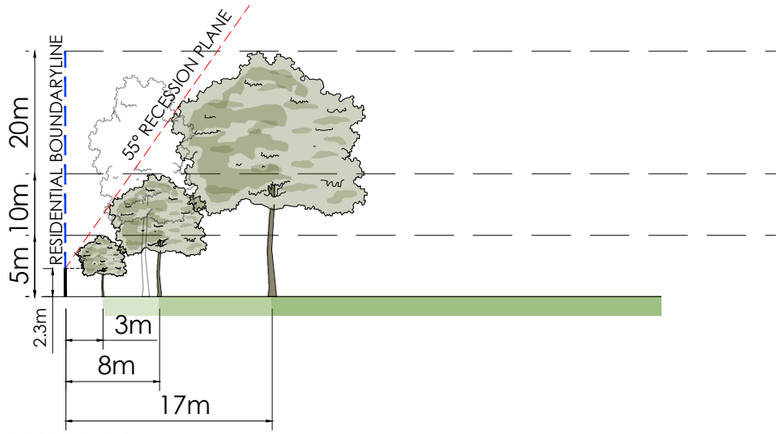
Document No. 4672500-AL-ARDEN RESERVE-000.DWG

www.beca.com

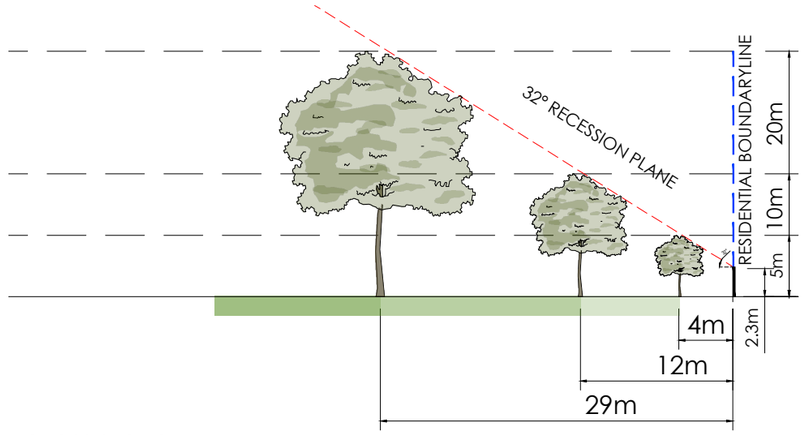
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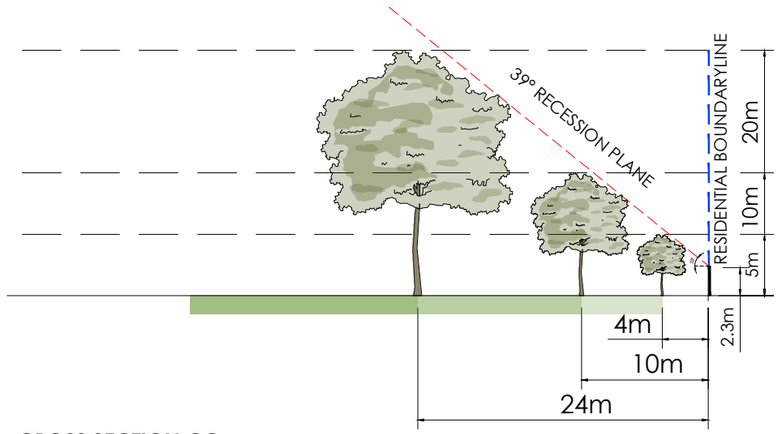
INDICATIVE BOUNDARY CROSS SECTIONS - POTENTIAL TREE PLANTING ZONES



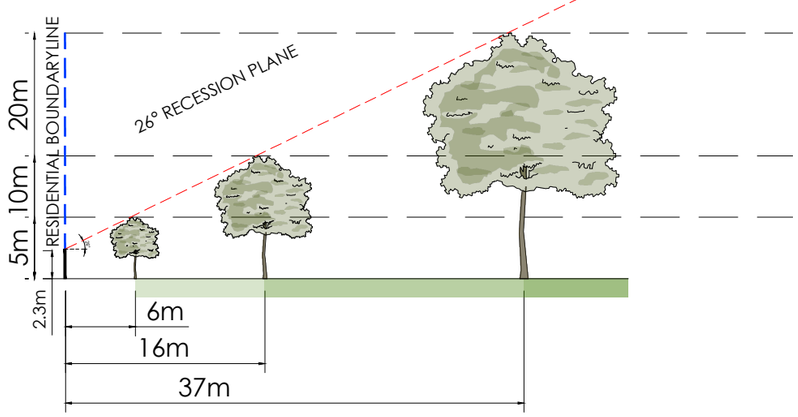
CROSS SECTION AA



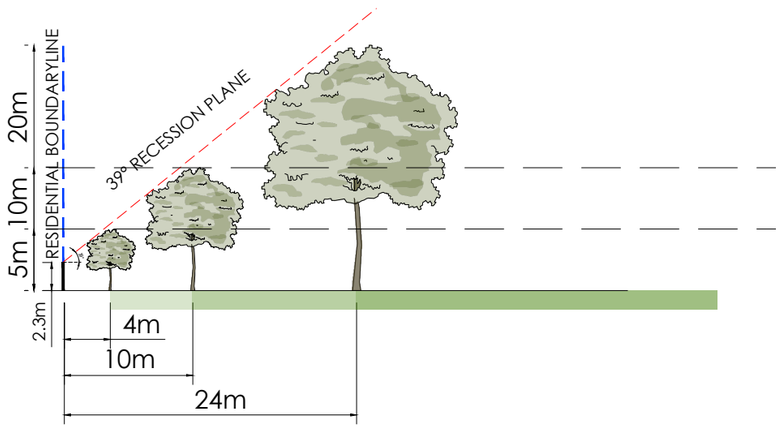
CROSS SECTION BB



CROSS SECTION CC



CROSS SECTION DD



CROSS SECTION EE

LEGEND

- PROPOSED TREE
- EXISTING TREE
- RECESSION PLANE ANGLE
- BOUNDARY LINE
- 2.3m HEIGHT OF MEASURE POINT OF RECESSION PLANE

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
- 10m-20m TREE HEIGHT ZONES
- 20m+ TREE HEIGHT ZONES

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No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3) 1:500	Design	J BYRNE	19.02.25
	Drawn	R KIRKWOOD	19.02.25
	Dsg Verifier	J COOKE	19.02.25
	Drg Check	J BYRNE	19.02.25

Approved For Construction* Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE LOT BOUNDARY CROSS SECTION

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-003

Rev.: A

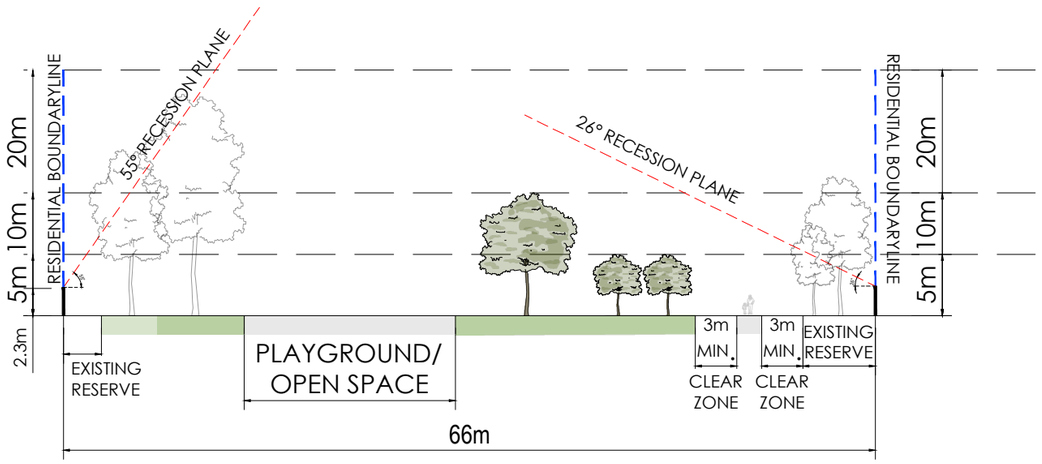
Document No.: 4672500-AL-ARDEN RESERVE-000.DWG

FOR CONSULTATION

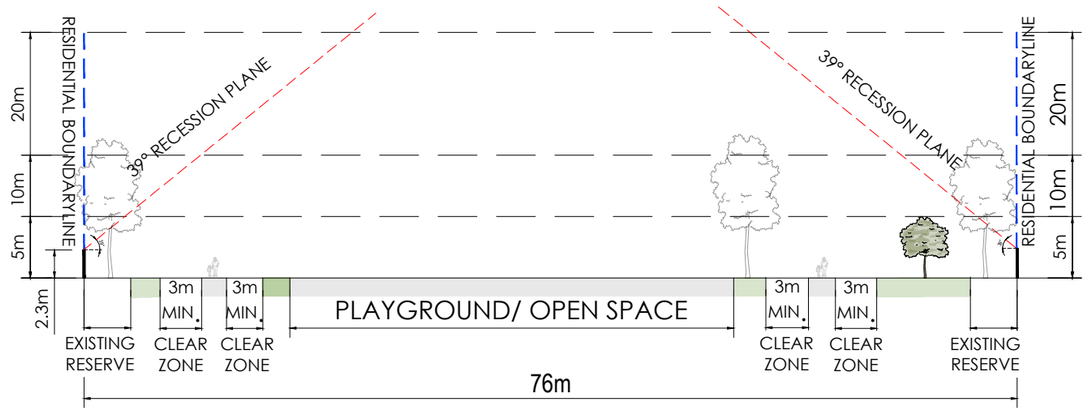
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CROSS SECTIONS - PROPOSED TREE PLANTING



CROSS SECTION FF



CROSS SECTION GG

LEGEND

- PROPOSED TREE
- EXISTING TREE
- RECESSION PLANE ANGLE
- BOUNDARY LINE
- 2.3m HEIGHT OF MEASURE POINT OF RECESSION PLANE

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
- 10m-20m TREE HEIGHT ZONES
- 20m+ TREE HEIGHT ZONES

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3)	1:500		
Design	J BYRNE	19.02.25	Approved For Construction*
Drawn	R KIRKWOOD	19.02.25	
Dsg Verifier	J COOKE	19.02.25	
Drg Check	J BYRNE	19.02.25	Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SITE WIDE CROSS SECTION

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-004

Rev.: A

Document No. 4672500-AL-ARDEN RESERVE-000.DWG

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WINTER SOLSTICE
DATE: 21ST JUNE
8AM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3): NTS

Design	J BYRNE	19.02.25	Approved For Construction*
Drawn	R KIRKWOOD	19.02.25	
Dsg Verifier	J COOKE	19.02.25	
Drg Check	J BYRNE	19.02.25	Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY WINTER SOLSTICE 8AM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-005

Rev.: A

Document No. 4672500-AL-ARDEN RESERVE-000.DWG

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WINTER SOLSTICE
DATE: 21ST JUNE
10AM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3) NTS	Design	J BYRNE	19.02.25
	Drawn	R KIRKWOOD	19.02.25
	Dsg Verifier	J COOKE	19.02.25
	Drg Check	J BYRNE	19.02.25
Approved For Construction* Date	* Refer to Revision 1 for Original Signature		

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY WINTER SOLSTICE 10AM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-006

Rev.: A

Document No. 4672500-AL-ARDEN RESERVE-000.DWG

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WINTER SOLSTICE
DATE: 21ST JUNE
12 NOON



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3): NTS

Design	J BYRNE	19.02.25	Approved For Construction*
Drawn	R KIRKWOOD	19.02.25	
Dsg Verifier	J COOKE	19.02.25	
Drg Check	J BYRNE	19.02.25	Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY WINTER SOLSTICE 12PM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-007

Rev.: A

Document No.: 4672500-AL-ARDEN RESERVE-000.DWG

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WINTER SOLSTICE
DATE: 21ST JUNE
2PM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3): NTS

Design	J BYRNE	19.02.25	Approved For Construction*
Drawn	R KIRKWOOD	19.02.25	
Dsg Verifier	J COOKE	19.02.25	
Drg Check	J BYRNE	19.02.25	Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY WINTER SOLSTICE 2PM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-008

Rev.: A

Document No. 4672500-AL-ARDEN RESERVE-000.DWG

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WINTER SOLSTICE
DATE: 21ST JUNE
4PM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3) NTS	Design	J BYRNE	19.02.25
	Drawn	R KIRKWOOD	19.02.25
	Dsg Verifier	J COOKE	19.02.25
	Drg Check	J BYRNE	19.02.25
* Refer to Revision 1 for Original Signature			

Approved For Construction* Date

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY WINTER SOLSTICE 4PM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-009

Rev.: A

Document No.: 4672500-AL-ARDEN RESERVE-000.DWG

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Drawing Plotted: 19 Feb 2025 1:15 pm

WINTER SOLSTICE
DATE: 21ST JUNE
6PM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3)	Design	J BYRNE	19.02.25
NTS	Drawn	R KIRKWOOD	19.02.25
	Dsg Verifier	J COOKE	19.02.25
	Drg Check	J BYRNE	19.02.25

Approved For Construction* Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY WINTER SOLSTICE 6PM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-010

Rev.: A

Document No.: 4672500-AL-ARDEN RESERVE-000.DWG

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SUMMER SOLSTICE
DATE: 21ST DECEMBER
8AM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3) NTS	Design	J BYRNE	19.02.25
	Drawn	R KIRKWOOD	19.02.25
	Dsg Verifier	J COOKE	19.02.25
	Drg Check	J BYRNE	19.02.25

Approved For Construction* Date

* Refer to Revision 1 for Original Signature

Beca

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY SUMMER SOLSTICE 8AM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-011

Rev.: A

Document No.: 4672500-AL-ARDEN RESERVE-000.DWG

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SUMMER SOLSTICE
DATE: 21ST DECEMBER
10AM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3)	NTS		
Design	J BYRNE	19.02.25	Approved For Construction*
Drawn	R KIRKWOOD	19.02.25	
Dsg Verifier	J COOKE	19.02.25	
Drg Check	J BYRNE	19.02.25	Date
* Refer to Revision 1 for Original Signature			

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY SUMMER SOLSTICE 10AM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-012

Rev.: A

Document No.: 4672500-AL-ARDEN RESERVE-000.DWG

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SUMMER SOLSTICE
DATE: 21ST DECEMBER
12PM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3) NTS	Design	J BYRNE	19.02.25
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	Dsg Verifier	J COOKE	19.02.25
	Drg Check	J BYRNE	19.02.25

Approved For Construction* Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY SUMMER SOLSTICE 12PM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-013

Rev.: A

Document No. 4672500-AL-ARDEN RESERVE-000.DWG

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SUMMER SOLSTICE
DATE: 21ST DECEMBER
2PM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3) NTS	Design	J BYRNE	19.02.25
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	Dsg Verifier	J COOKE	19.02.25
	Drg Check	J BYRNE	19.02.25

Approved For Construction* Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY SUMMER SOLSTICE 2PM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-014

Rev.: A

Document No.: 4672500-AL-ARDEN RESERVE-000.DWG

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SUMMER SOLSTICE
DATE: 21ST DECEMBER
4PM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

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	Dsg Verifier	J COOKE	19.02.25
	Drg Check	J BYRNE	19.02.25

Approved For Construction* Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY SUMMER SOLSTICE 4PM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-015

Rev.: A

Document No.: 4672500-AL-ARDEN RESERVE-000.DWG

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SUMMER SOLSTICE
DATE: 21ST DECEMBER
6PM



0m 5m 25m 125m

NOTES:

1. TREES IN THE MODEL ARE SHOWN AT 5m, 10m & 20m+.

LEGEND:

- POTENTIAL TREE WITH SHADOW
- POTENTIAL TREE PLANTING AREAS
- EXISTING TREE AND VEGETATION AREAS
- PARK BOUNDARY

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
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Approved For Construction* Date

* Refer to Revision 1 for Original Signature

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE SHADOW STUDY SUMMER SOLSTICE 6PM

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-016

Rev.: A

Document No.: 4672500-AL-ARDEN RESERVE-000.DWG

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PLANT SCHEDULE

ID	QTY	TREE CATEGORY	TREE HEIGHT
SMALL	22	SMALL TREE	5-10m
MEDIUM	8	MEDIUM TREE	11-15m
LARGE	0	LARGE TREE	16-20m
VERY LARGE	0	VERY LARGE TREE	20m+

PARK CANOPY COVER SUMMARY

EXISTING NUMBER OF TREES	APPROXIMATELY	30
EXISTING CANOPY COVER	APPROXIMATELY	20%
PROPOSED NUMBER OF NEW TREES		30
PROPOSED NET CANOPY COVER (EXISTING VEGETATION AND PROPOSED)	APPROXIMATELY	40%

NOTES:

1. OPEN SPACE TO BE RETAINED FOR FUTURE DEVELOPMENT
2. FOR SECTIONS AA-GG, REFER TO SHEET A-003 AND A-004

LEGEND:

- EXISTING SITE DRAIN
- PARK BOUNDARY
- EXISTING TREES/ VEGETATION
- EXISTING FOOTPATH
- EXISTING PLAYGROUND
- EXISTING RESERVE AREA 5,215m²

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
- 10m-20m TREE HEIGHT ZONES
- 20m+ TREE HEIGHT ZONES

PROPOSED TREES:

- SMALL TREE 5-10m
- MEDIUM TREE 10-15m

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3) 1:500

Design	J BYRNE	19.02.25	Approved For Construction*
Drawn	R KIRKWOOD	19.02.25	
Dsg Verifier	J COOKE	19.02.25	
Drg Check	J BYRNE	19.02.25	Date

* Refer to Revision 1 for Original Signature

Beca

Client: Christchurch City Council

Project: URBAN FOREST TREE PLANTING PLAN

Title: ARDEN RESERVE INDICATIVE TREE PLANTING PLAN

Discipline: LANDSCAPE

Drawing No.: 4672500-AL-A-017

Rev.: A

Document No. 4672500-AL-ARDEN RESERVE-000.DWG

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Drawing Plotted: 19 Feb 2025 1:15 pm



PERSPECTIVE VIEW FROM BEAUFORD PLACE
ENTRANCE LOOKING TOWARDS PLAYGROUND
NOT TO SCALE

FOR CONSULTATION

No.	Revision	By	Chk	Appd	Date
A	CONSULTATION	RK	JB	JC	19.02.25

Original Scale (A3): NTS

Design	J BYRNE	19.02.25	Approved For Construction*
Drawn	R KIRKWOOD	19.02.25	
Dsg Verifier	J COOKE	19.02.25	
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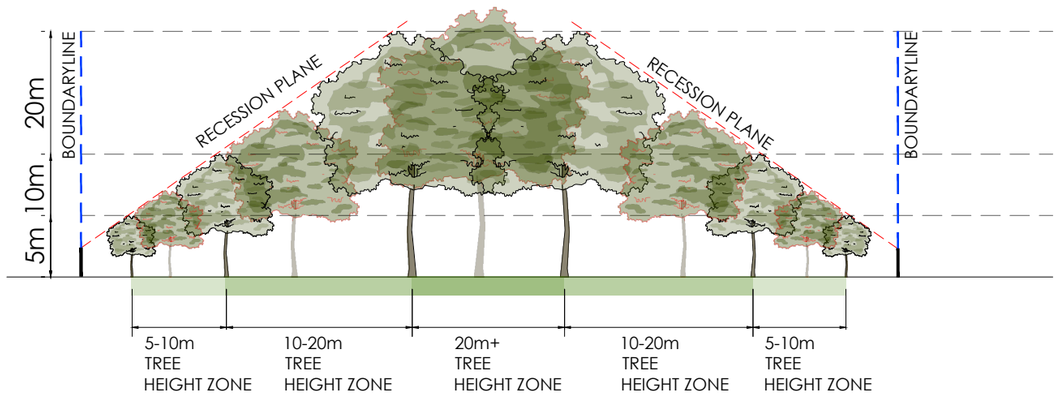
GUIDELINE SUMMARY:

- TREE PLANTING TO SPECIAL CHARACTER PARKS WILL CONTINUE THE ESTABLISHED THEME.
- TREES WILL BE POSITIONED APPROPRIATELY TO ALLOW FOR MANAGEMENT OF DEBRIS/LEAF LITTER.
- PLANTING ALONG WATERWAYS WILL BE PREDOMINANTLY NATIVE SPECIES.
- CHRISTCHURCH CITY COUNCIL WILL AIM FOR 40-60% OF NEW TREE PLANTINGS AS NATIVES.

TREE SETBACKS AND SPACINGS:

- NO TREE SHALL INTRUDE THROUGH THE RECESSION PLANE.
- NO TREE SHALL BE PLANTED CLOSER THAN 3.0m FROM A PATHWAY.
- NO TREE SHALL BE PLANTED CLOSER THAN 5.0m FROM A SPORTS FIELD AND NO TREE CANOPY DRIP. LINE SHALL EXTEND ABOVE A SPORTS FIELD.
- TREE SPACINGS SHALL BE A MINIMUM OF 5.0m APART TO ALLOW FOR EASY LAWN MOWING.
- MIN. 2m OFFSET FOR LOW VOLTAGE POWER.
- MIN. 3m OFFSET FOR 11kv POWER.
- MIN. 5m OFFSET FOR 33-66kv.
- MIN. 1m OFFSET FOR ALL OTHER SERVICES AND HARD PAVING NOT MENTIONED ABOVE.

TYPICAL TREE PLANTING PATTERN



LEGEND

- PROPOSED TREE
- RECESSION PLANE ANGLE
- BOUNDARY LINE
- 2.3m HEIGHT OF MEASURE POINT OF RECESSION PLANE

POTENTIAL TREE PLANTING AREAS:

- 5m-10m TREE HEIGHT ZONES
- 10m-20m TREE HEIGHT ZONES
- 20m+ TREE HEIGHT ZONES

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Client: Christchurch City Council

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Title: ARDEN RESERVE TREE PLANTING GUIDELINES

Discipline: LANDSCAPE

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Rev.: A

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