






												Original Scale (A1) 1:250				Design KDo 06.11.24		Approved For Construction*	
												Drawn ZKe 06.11.24							
												Dsg Verifier JPo 18.12.24							
A PRELIMINARY DESIGN				ZKe				HOD				JPo		18.12.24					
No.				Revision				By				Chk				Appd		Date	
																1:500		* Refer to Revision 1 for Original Signature	



Boffa Miskell



Client:



Project:

CARRINGTON ROAD  
IMPROVEMENTS PROJECT

Title:

SOFT LANDSCAPE PLAN  
SHEET 06

Discipline LANDSCAPE ARCHITECTURE	
Drawing No. 3230635-AL-2216	Rev. A



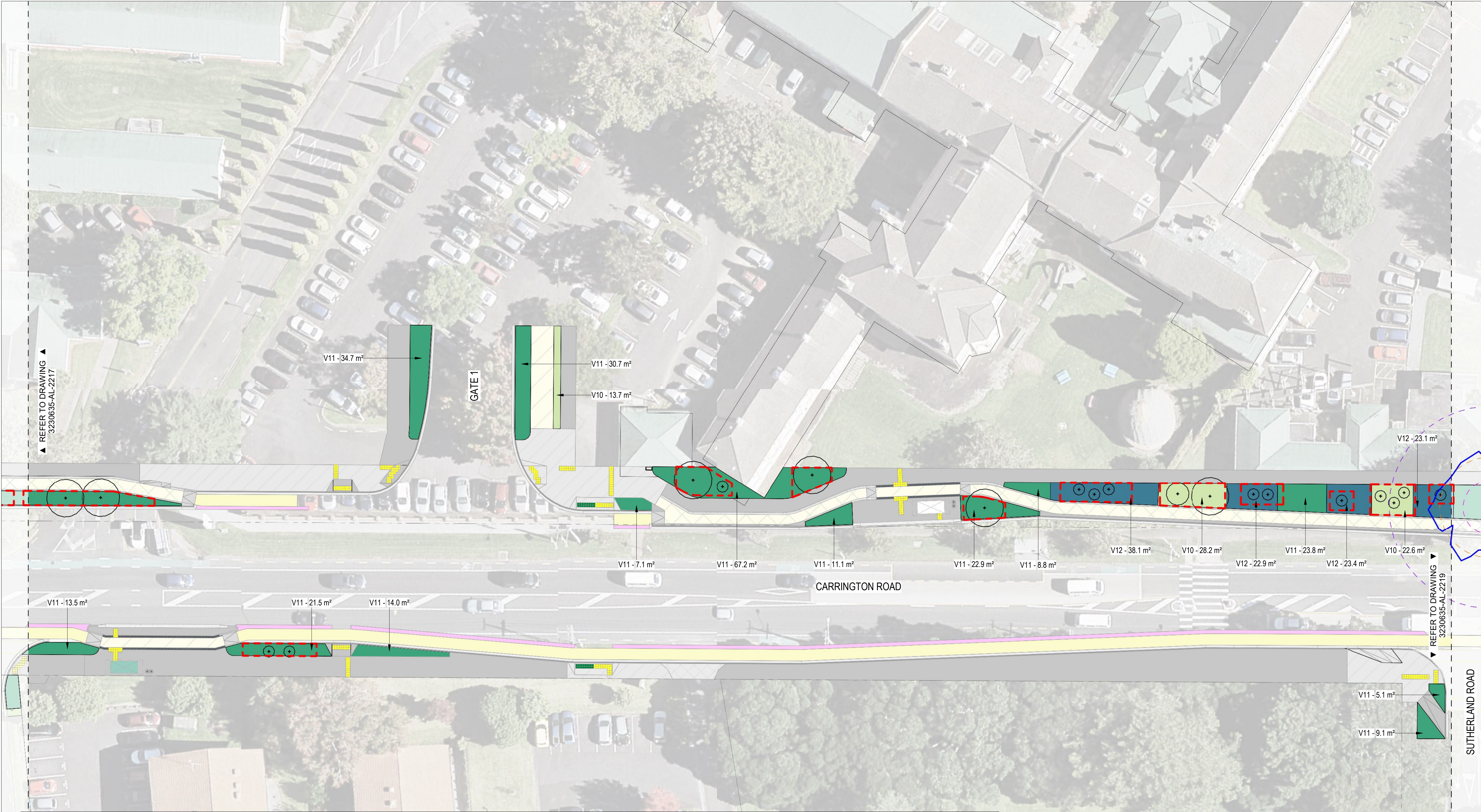
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Project:	CARRINGTON ROAD IMPROVEMENTS PROJECT
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Title: **SOFT LANDSCAPE PLAN  
SHEET 07**

Discipline	LANDSCAPE ARCHITECTURE	
Drawing No.	3230635-AL-2217	Rev. A

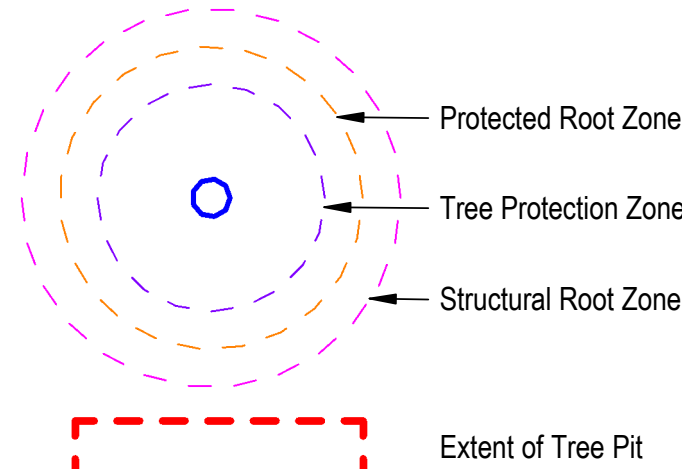




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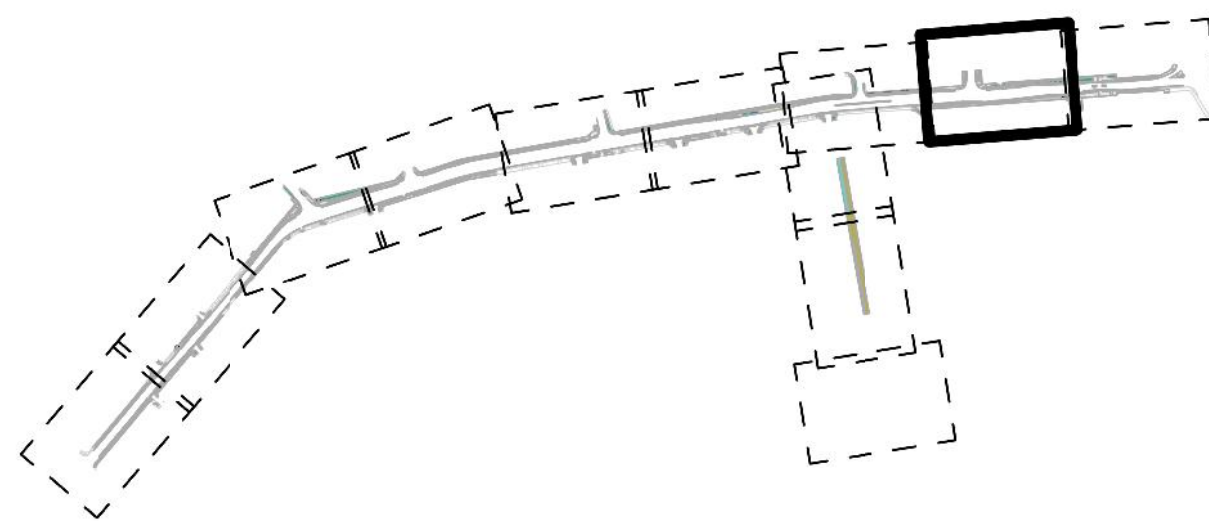
- Existing Grass Berm to be retained
- V10 - Reinstated/New Grass
- V11 - Amenity Planting
- V12 - Rain Garden Planting
- V13 - Stormwater Treatment Swale Planting
- V14 - Revegetation Planting

- Existing Tree to be retained
- T10 - Specimen Tree and Tree Pit - Small
- T11 - Specimen Tree and Tree Pit - Mid-sized
- T12 - Specimen Tree and Tree Pit - Large



NOTE: Feasibility of tree pits to be confirmed based on existing utility locations

KEY PLAN



**PRELIMINARY DESIGN**  
**NOT FOR CONSTRUCTION**

No.	Revision	By	Chk	Appd	Date
A	PRELIMINARY DESIGN	ZKe	HOd	JPo	18.12.24

Design	KDo	06.11.24	Approved For Construction*
Drawn	ZKe	06.11.24	
Dig Verifier	JPo	18.12.24	
Dig Check	HOd	18.12.24	
* Refer to Revision 1 for Original Signature			



Client:



Project:

CARRINGTON ROAD  
IMPROVEMENTS PROJECT

Title:

SOFT LANDSCAPE PLAN  
SHEET 08

Discipline:

LANDSCAPE ARCHITECTURE

Drawing No:

3230635-AL-2218

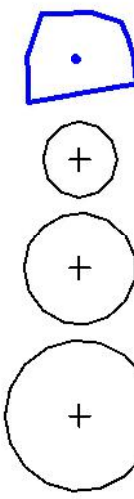
Rev:

A

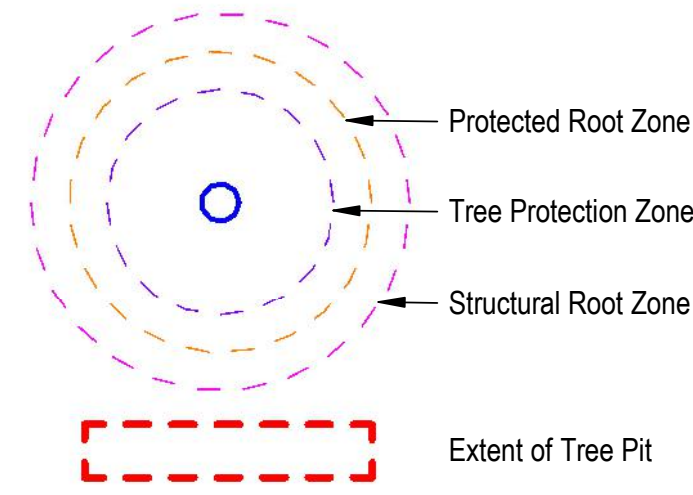


LEGEND

- Existing Grass Berm to be retained
- V10 - Reinstated/New Grass
- V11 - Amenity Planting
- V12 - Rain Garden Planting
- V13 - Stormwater Treatment Swale Planting
- V14 - Revegetation Planting

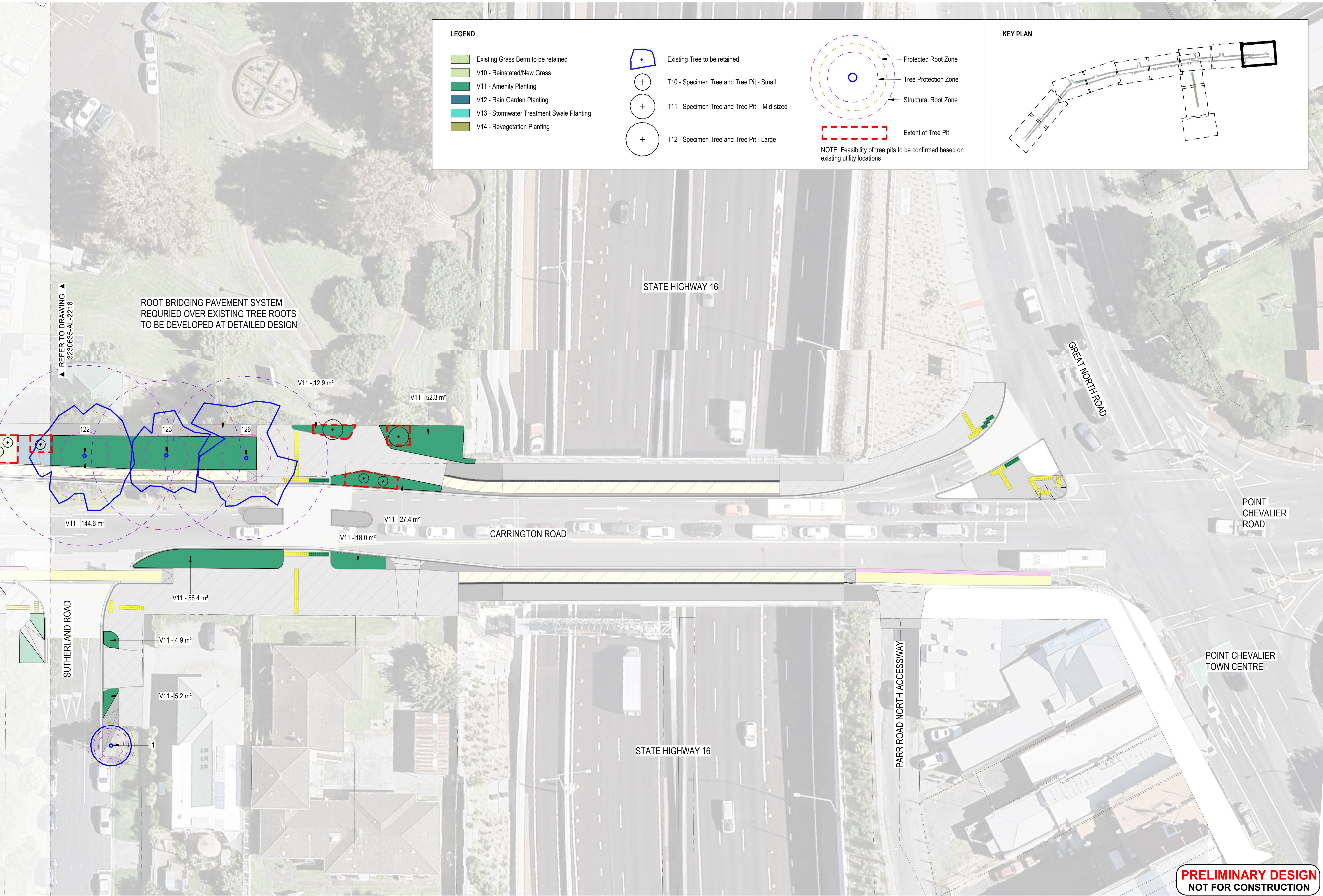
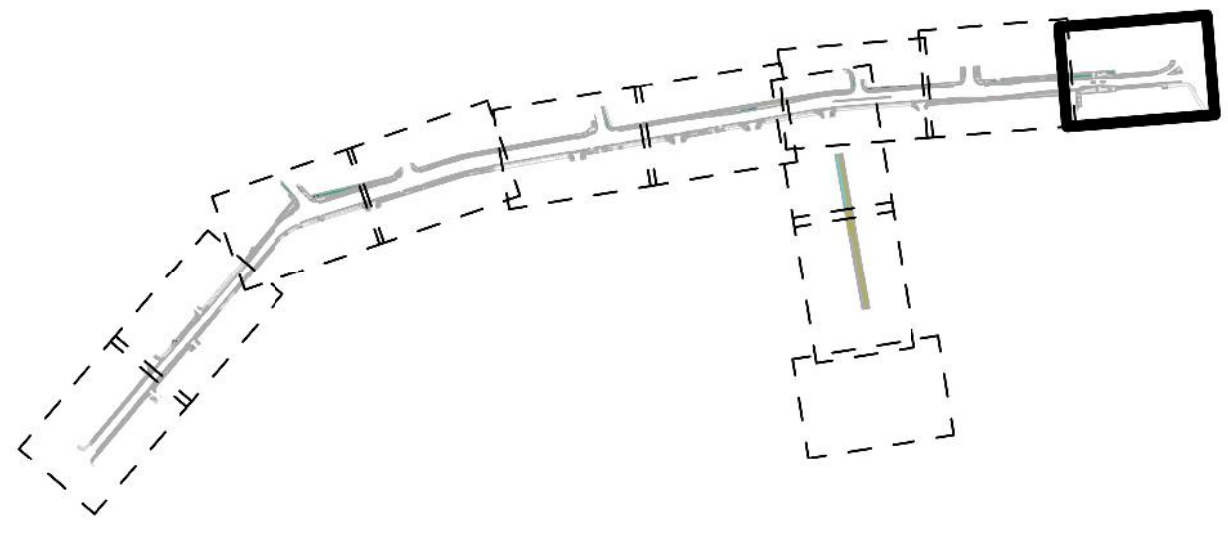


- Existing Tree to be retained
- T10 - Specimen Tree and Tree Pit - Small
- T11 - Specimen Tree and Tree Pit - Mid-sized
- T12 - Specimen Tree and Tree Pit - Large



NOTE: Feasibility of tree pits to be confirmed based on existing utility locations

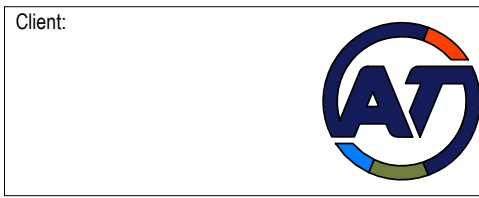
KEY PLAN



**PRELIMINARY DESIGN**  
**NOT FOR CONSTRUCTION**

A		PRELIMINARY DESIGN	ZKe	HOd	JPo	18.12.24	
No.	Revision	By	Chk	Appd	Date		

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Reduced Scale (A3)	Dwg Verifier	JPo	18.12.24	
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* Refer to Revision 1 for Original Signature				

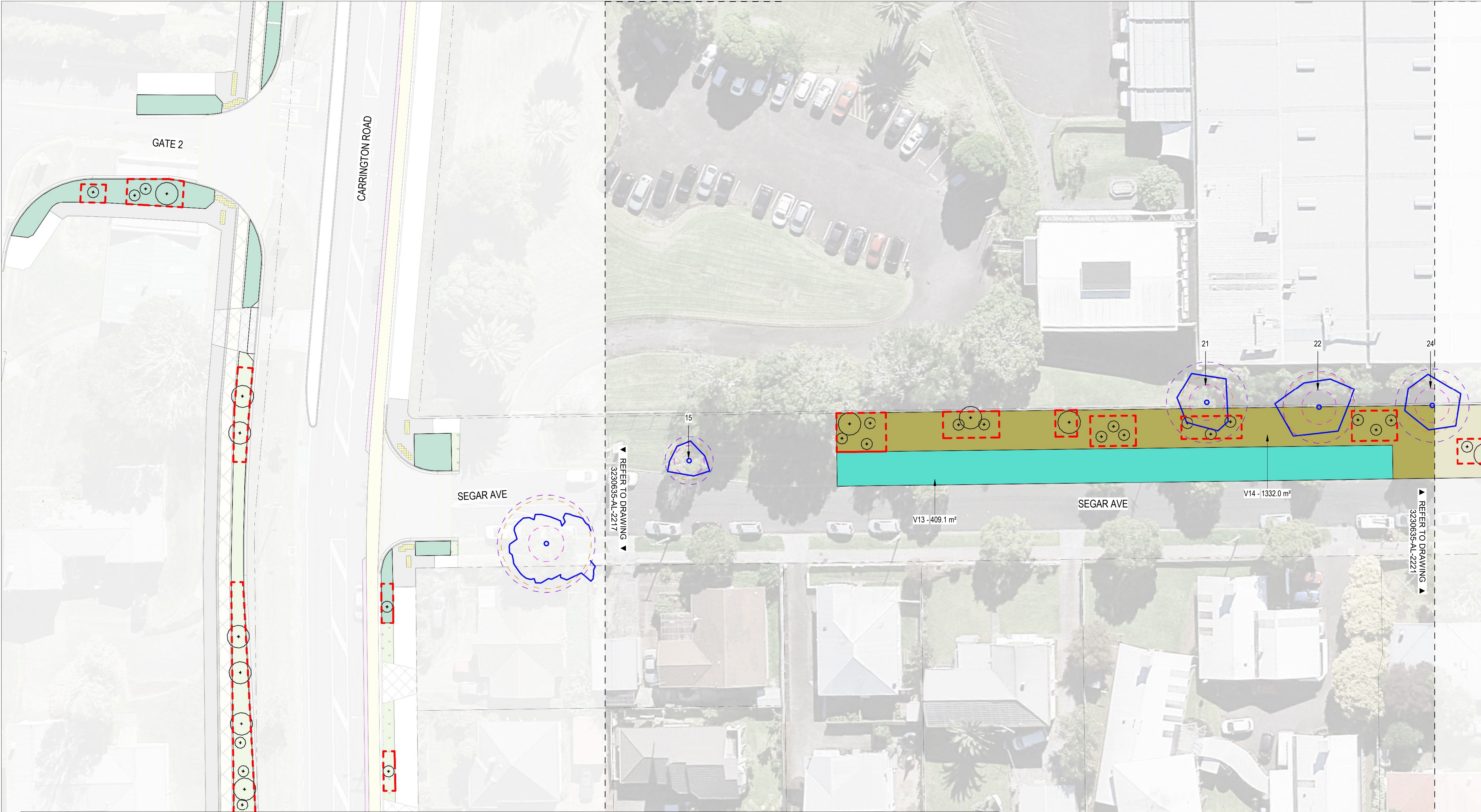


Project: CARRINGTON ROAD IMPROVEMENTS PROJECT

Title: SOFT LANDSCAPE PLAN SHEET 09

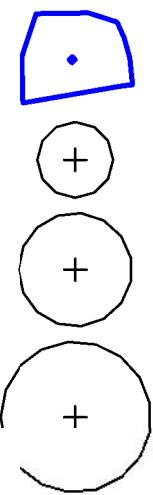
Discipline	LANDSCAPE ARCHITECTURE
Drawing No.	3230635-AL-2219
Rev.	A



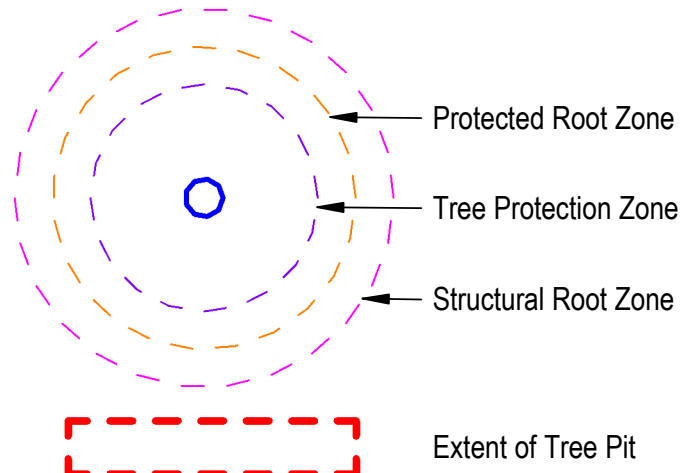


LEGEND

- Existing Grass Berm to be retained
- V10 - Reinstated/New Grass
- V11 - Amenity Planting
- V12 - Rain Garden Planting
- V13 - Stormwater Treatment Swale Planting
- V14 - Revegetation Planting

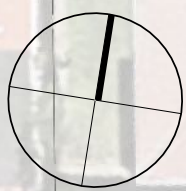
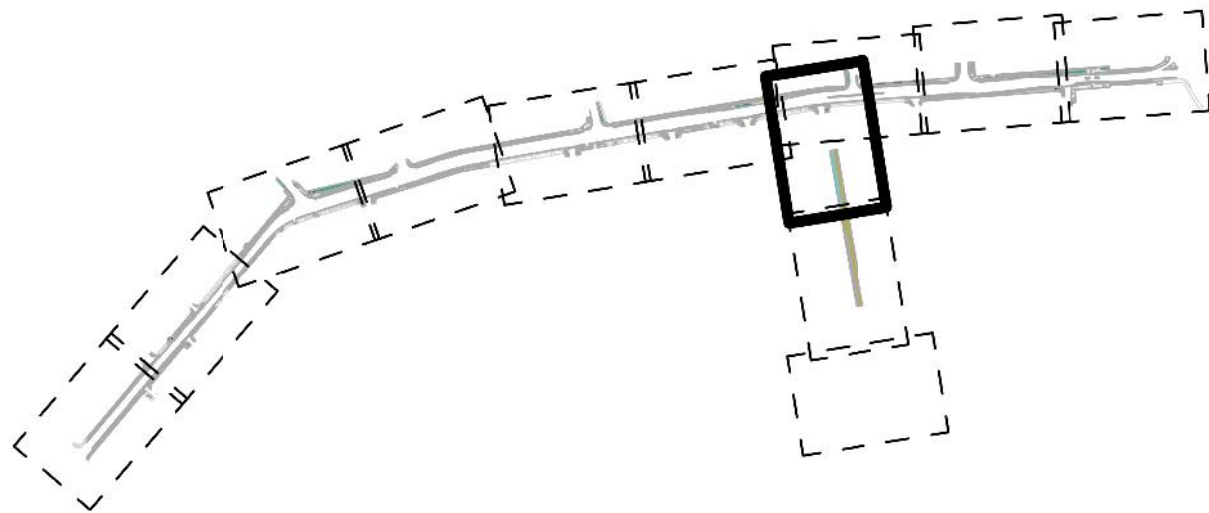


- Existing Tree to be retained
- T10 - Specimen Tree and Tree Pit - Small
- T11 - Specimen Tree and Tree Pit - Mid-sized
- T12 - Specimen Tree and Tree Pit - Large



NOTE: Feasibility of tree pits to be confirmed based on existing utility locations

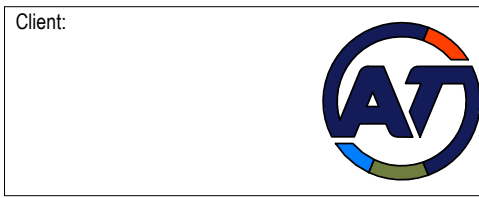
KEY PLAN



**PRELIMINARY DESIGN**  
**NOT FOR CONSTRUCTION**

No.	Revision	By	Chk	Appd	Date
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Original Scale (A1) 1:250	Design Drawn ZKe 06.11.24	Approved For Construction* 06.11.24
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	Dwg Check HOd 18.12.24	
	* Refer to Revision 1 for Original Signature	

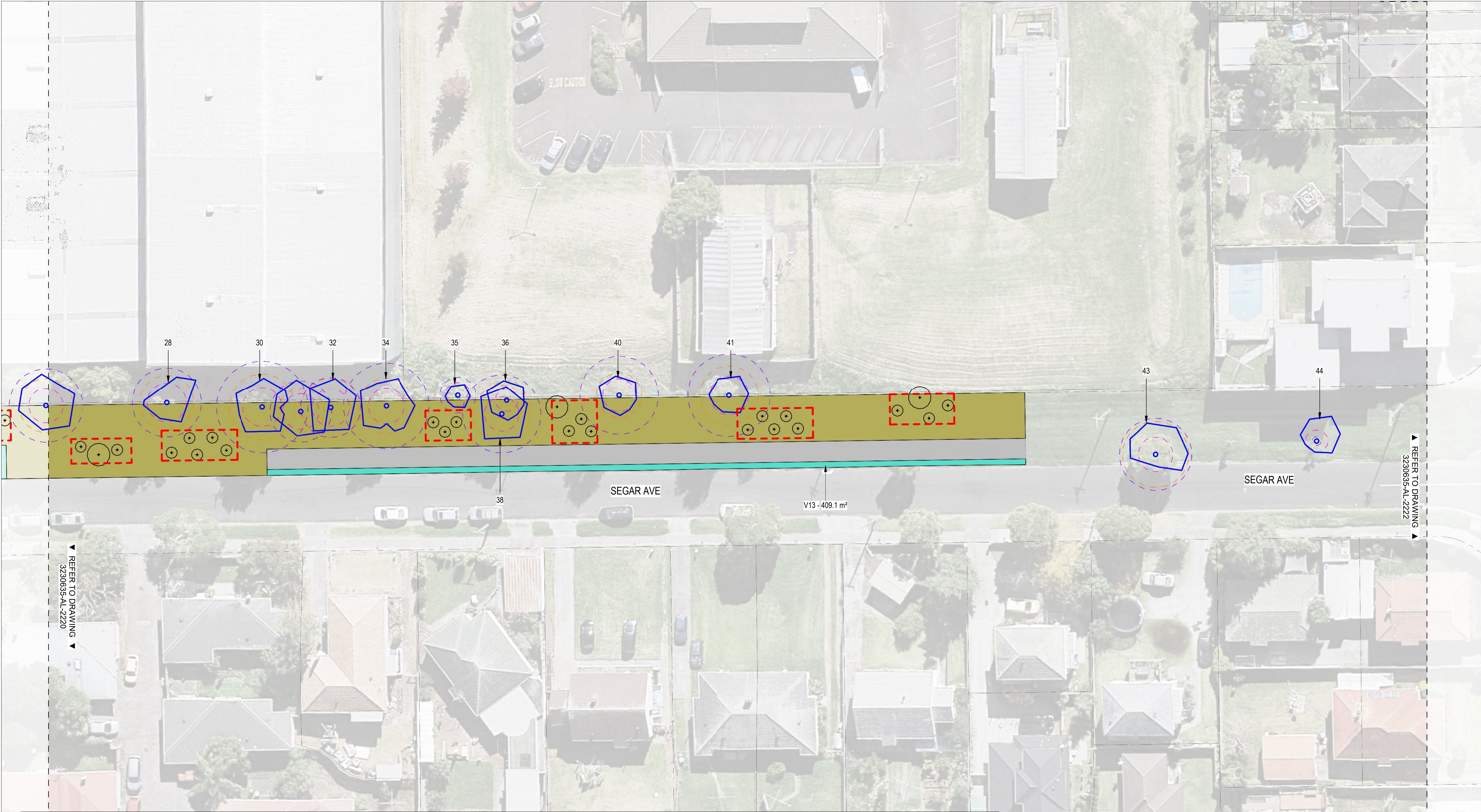


Project: CARRINGTON ROAD IMPROVEMENTS PROJECT

Title: SOFT LANDSCAPE PLAN SHEET 10

Discipline: LANDSCAPE ARCHITECTURE	Rev: A
Drawing No: 3230635-AL-2220	



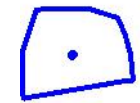


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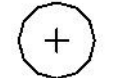
REFER TO DRAWING  
3230635-AL-2222

LEGEND

- Existing Grass Berm to be retained
- V10 - Reinstated/New Grass
- V11 - Amenity Planting
- V12 - Rain Garden Planting
- V13 - Stormwater Treatment Swale Planting
- V14 - Revegetation Planting



Existing Tree to be retained



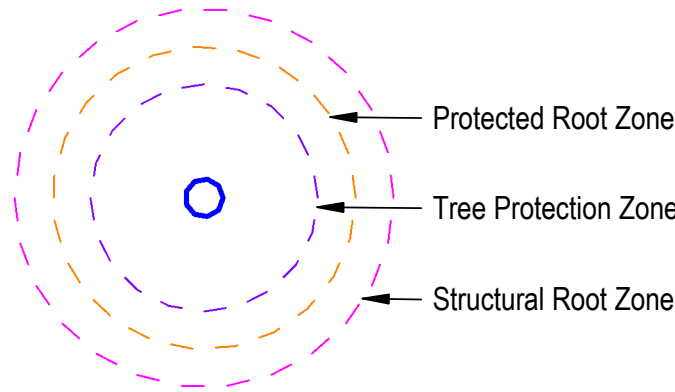
T10 - Specimen Tree and Tree Pit - Small



T11 - Specimen Tree and Tree Pit - Mid-sized

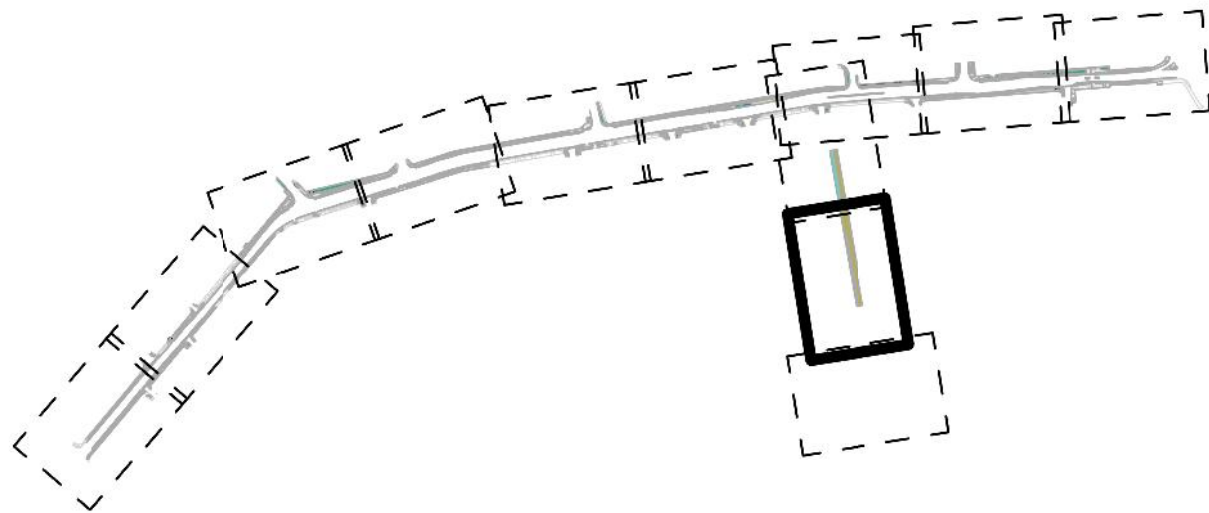


T12 - Specimen Tree and Tree Pit - Large



NOTE: Feasibility of tree pits to be confirmed based on existing utility locations

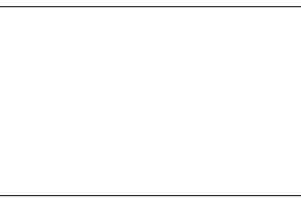
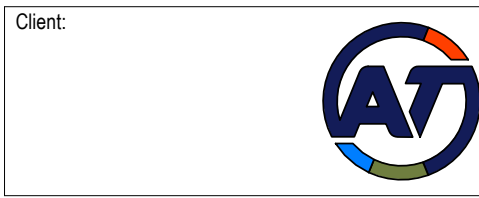
KEY PLAN



**PRELIMINARY DESIGN**  
**NOT FOR CONSTRUCTION**

No.	Revision	By	Chk	Appd	Date
A	PRELIMINARY DESIGN	ZKe	HOd	JPo	18.12.24

Original Scale (A1) 1:250	Design ZKe	KDo	06.11.24	Approved For Construction*
Reduced Scale (A3) 1:500	Drawn JPo		06.11.24	
	Design Checker HOd		18.12.24	
	* Refer to Revision 1 for Original Signature			



Project: CARRINGTON ROAD IMPROVEMENTS PROJECT

Title: SOFT LANDSCAPE PLAN SHEET 11

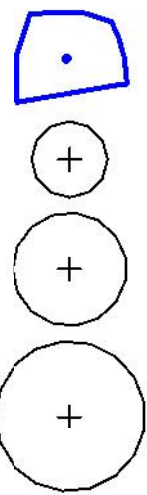
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Drawing No: 3230635-AL-2221  
Rev: A



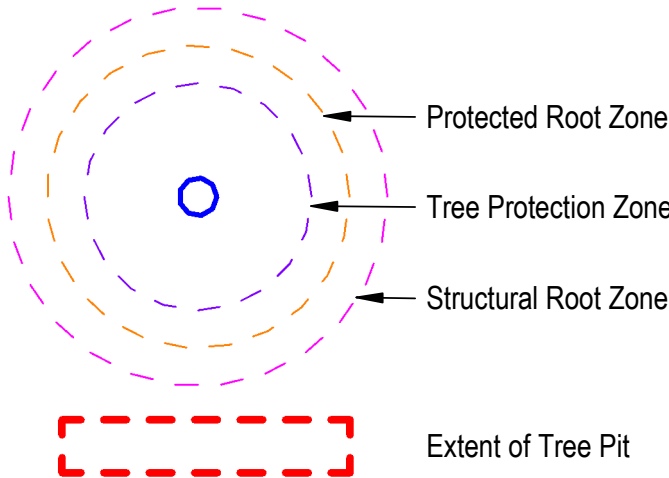


LEGEND

- Existing Grass Berm to be retained
- V10 - Reinstated/New Grass
- V11 - Amenity Planting
- V12 - Rain Garden Planting
- V13 - Stormwater Treatment Swale Planting
- V14 - Revegetation Planting

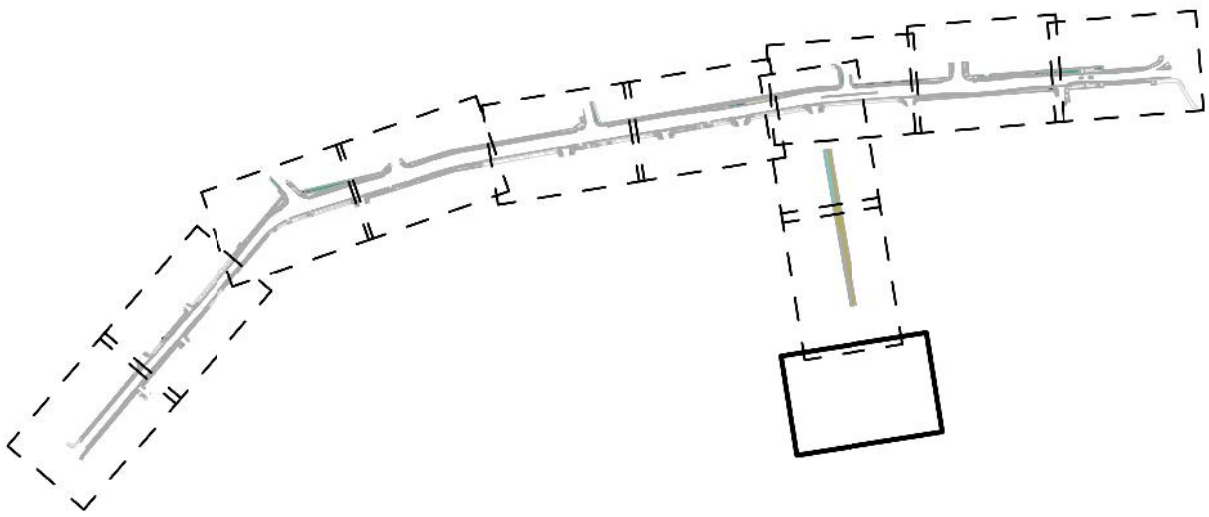


- Existing Tree to be retained
- T10 - Specimen Tree and Tree Pit - Small
- T11 - Specimen Tree and Tree Pit - Mid-sized
- T12 - Specimen Tree and Tree Pit - Large



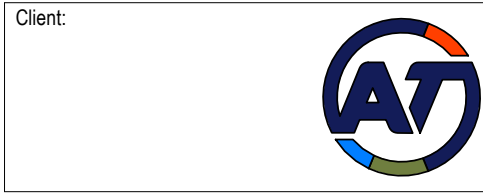
NOTE: Feasibility of tree pits to be confirmed based on existing utility locations

KEY PLAN



A	PRELIMINARY DESIGN	ZKe	HOd	JPo	18.12.24				
No.	Revision	By	Chk	Appd	Date				

Original Scale (A1)	Design	KDo	06.11.24	Approved For Construction*
1:250	Drawn	ZKe	06.11.24	
Reduced Scale (A3)	Dig Verifier	JPo	18.12.24	
1:500	Dig Check	HOd	18.12.24	
	* Refer to Revision 1 for Original Signature			



Project: CARRINGTON ROAD IMPROVEMENTS PROJECT

Title: SOFT LANDSCAPE PLAN SHEET 12

Discipline: LANDSCAPE ARCHITECTURE  
Drawing No: 3230635-AL-2222  
Rev: A

PRELIMINARY DESIGN  
NOT FOR CONSTRUCTION



1 DETAIL - TYPICAL GRASS BERM DETAIL  
Scale: 1 : 10

2 DETAIL - TYPICAL AMENITY PLANTING DETAIL  
Scale: 1 : 10

3 DETAIL - TYPICAL AMENITY PLANTING IN NATURAL GROUND DETAIL  
Scale: 1 : 10

4 DETAIL - TYPICAL AMENITY PLANTING UNDER EXISTING TREES DETAIL  
Scale: 1 : 10

6 DETAIL - TYPICAL RAIN GARDEN PLANTING DETAIL  
Scale: 1 : 10

5 DETAIL - TYPICAL GRASS BERM EDGE DETAIL  
Scale: 1 : 10

[illegible]

Client:



Project:
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CARRINGTON ROAD  
IMPROVEMENTS PROJECT

Title:

### TYPICAL SOFT LANDSCAPE DETAILS

Discipline
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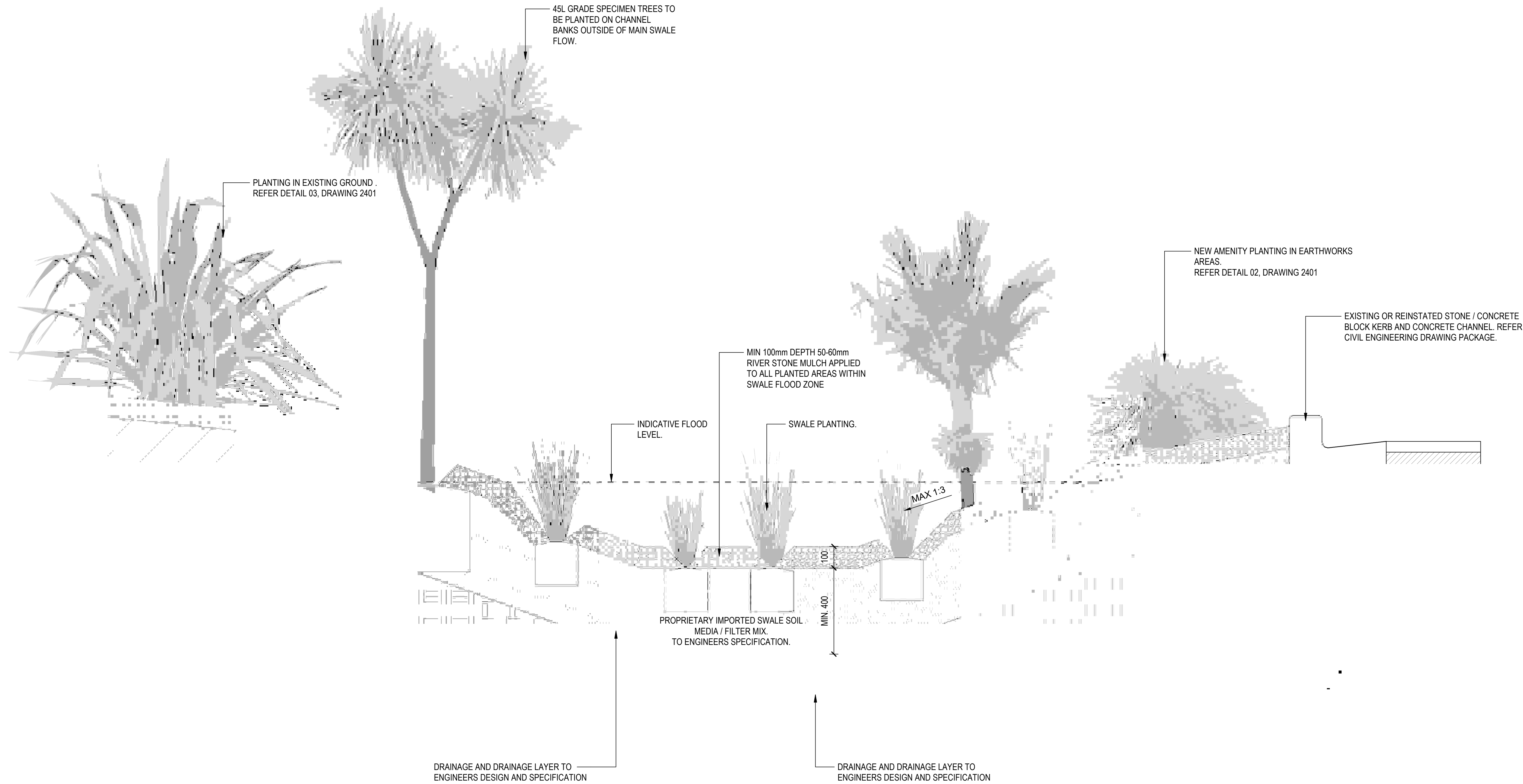
LANDSCAPE ARCHITECTURE

Drawing No.

3230635-AL-2401

A





2 DETAIL - TYPICAL SWALE PLANTING DETAIL  
Scale: 1 : 10

**PRELIMINARY DESIGN**  
**NOT FOR CONSTRUCTION**

A	PRELIMINARY DESIGN	ZKe	HOd	JPo	18.12.24
No.	Revision	By	Chk	Appd	Date

Original Scale (A1)	Design	ASm	12.12.24	Approved For Construction*
AS SHOWN	Drawn	ASm	12.12.24	
Reduced Scale (A3)	Dig Verifier	JPo	18.12.24	
	Dig Check	HOd	18.12.24	Date
* Refer to Revision 1 for Original Signature				



Project: CARRINGTON ROAD IMPROVEMENTS PROJECT

Title: TYPICAL SWALE PLANTING DETAIL

Discipline: LANDSCAPE ARCHITECTURE  
Drawing No: 3230635-AL-2402  
Rev: A



45L OR 80L SPECIMEN TREE.  
TREE HEALTH, FORM AND ROOTBALL TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL TREE QUALITY STANDARDS AND REQUIREMENTS.  
TREE TO BE INSTALLED IN ACCORDANCE WITH THE TREE PLANTING REQUIREMENTS OF AUCKLAND COUNCIL CODE OF PRACTICE CHAPTER 7: LANDSCAPE

STAKE WITH 4 NO. 50 x 50 mm 1.8m OR 2.4m LONG ROUGH SAWN PINE H4 TREATED STAKES WITH AT LEAST ONE THIRD OF THEIR LENGTH INTO SOLID GROUND AND MIN 1m EXPOSED.

TWO FLEXIBLE 50mm HESSIAN TIES PER STAKE SHALL BE ATTACHED.

1.5m DIA MULCH RING AROUND TREE. TAPER MULCH TO MAXIMUM 30mm DEPTH OVER ROOTBALL AND STOP 50mm FROM TRUNK OF TREE. CUT MULCH MIN 100mm INTO ADJACENT GRASS BERM.  
MULCH SELECTION: LIVING EARTH 'MORE THAN MULCH' OR SCAPESPEC MB100 OR EQUIVALENT.

EXISTING OR NEW FOOTPATH

PLANTING HOLE TO BE MINIMUM 3x ROOTBALL WIDTH, AND SAUCER SHAPED. BACKFILL WITH PROPRIETARY SOIL.  
SOIL SELECTION: SCAPESPEC TP120 TREE PIT MEDIA OR EQUIVALENT.

INSTALL ROOT BARRIER IF REQUIRED TO PROTECT UTILITIES. INSTALL PARALLEL TO UTILITIES OR KERB/PAVED EDGE EXTENDING 3m LENGTH EITHER SIDE OF TREE PIT.

FORK BASE AND SCARIFY PIT WALLS TO PROMOTE DRAINAGE AND ROOT GROWTH. SUBSOIL DRAINAGE TO BE INSTALLED IN BASE OF TREE PITS UNLESS FREE DRAINING SUBGRADE IS ENCOUNTERED AND CONFIRMED VIA FLOOD TESTING. DRAIN TO BE CONNECTED TO STORMWATER NETWORK, ROAD SUBSOIL DRAIN OR CATCH PIT AS FEASIBLE.

INSTALL STAKES WITH CAUTION AROUND IDENTIFIED SHALLOW UNDERGROUND SERVICES. POSITION TO AVOID STRIKES WHERE POSSIBLE.

1 DETAIL - TYPICAL TREE PIT IN EASTERN BERMS - 45L & 80L  
Scale: 1 : 10

NOTE: PROPOSED TREE PIT POSITIONS TO BE INVESTIGATED TO CONFIRM LOCATIONS OF UNDERGROUND UTILITIES ARE CLEAR OF TREE ROOTBALL AND EXCAVATIONS.

A	PRELIMINARY DESIGN	ZKe	HOd	JPo	18.12.24		
No.	Revision	By	Chk	Appd	Date		

Original Scale (A1)	Design	ASm	12.12.24	Approved For Construction*
AS SHOWN	Drawn	ASm	12.12.24	
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* Refer to Revision 1 for Original Signature				

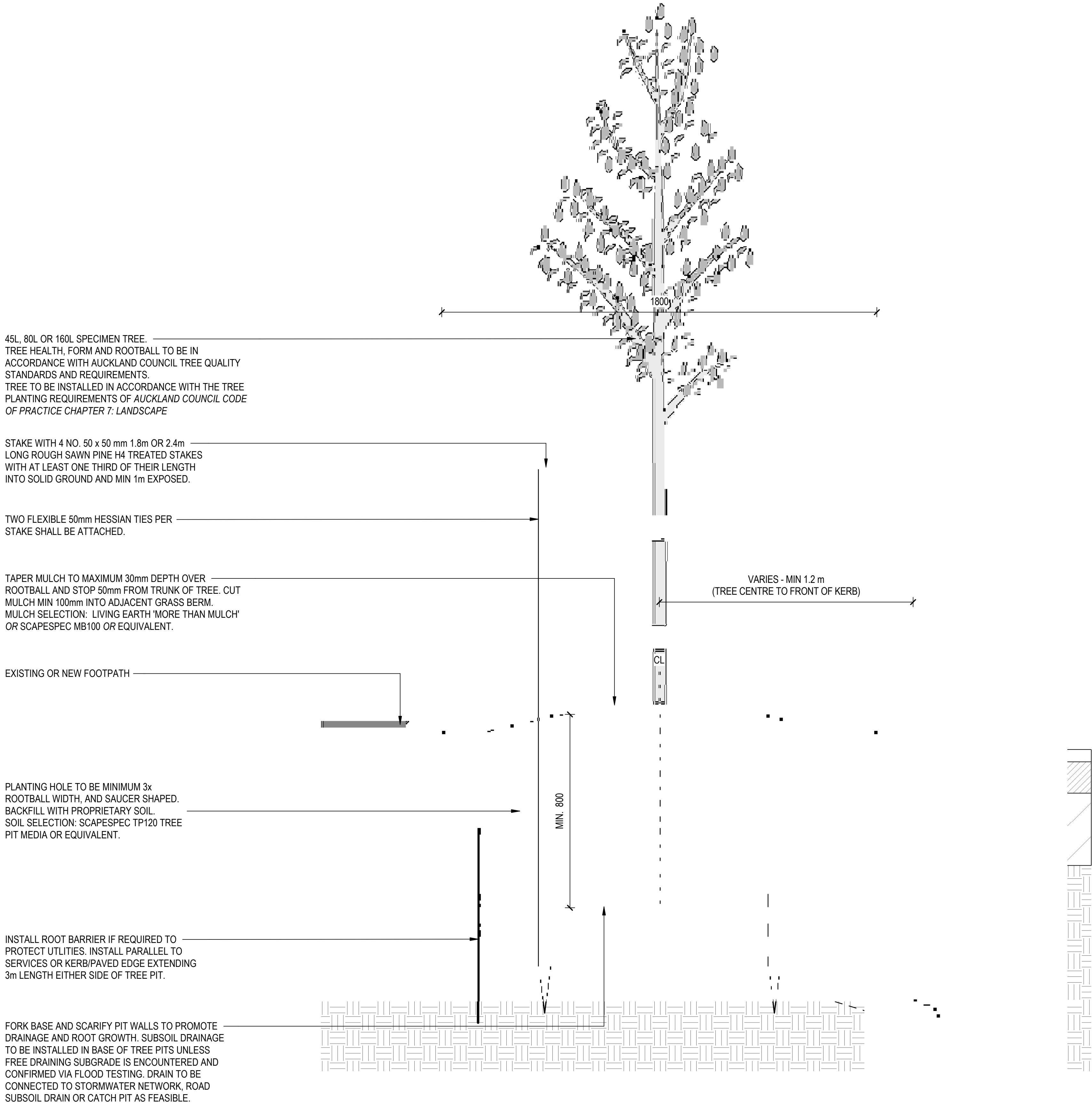


Project: CARRINGTON ROAD IMPROVEMENTS PROJECT

Title: TREE PIT TYPICAL DETAIL  
EASTERN BERMS  
45L - 80L

Discipline: LANDSCAPE ARCHITECTURE  
Drawing No: 3230635-AL-2411  
Rev: A





1 DETAIL - TYPICAL TREE PIT IN ROAD WIDENING - 45L, 80L & 160L  
Scale: 1 : 10

NOTE: PROPOSED TREE PIT POSITIONS TO BE INVESTIGATED TO CONFIRM LOCATIONS OF UNDERGROUND UTILITIES ARE CLEAR OF TREE ROOTBALL AND EXCAVATIONS.

PRELIMINARY DESIGN  
NOT FOR CONSTRUCTION

A	PRELIMINARY DESIGN	ZKe	HOd	JPo	18.12.24
No.	Revision	By	Chk	Appd	Date

Original Scale (A1)	Design	ASm	12.12.24	Approved For Construction*
AS SHOWN	Drawn	ASm	12.12.24	
Reduced Scale (A3)	Dig Verifier	JPo	18.12.24	Date
	Dig Check	HOd	18.12.24	
* Refer to Revision 1 for Original Signature				



Project: CARRINGTON ROAD IMPROVEMENTS PROJECT

Title: TREE PIT TYPICAL DETAIL IN ROAD WIDENING 45L, 80L & 160L

Discipline: LANDSCAPE ARCHITECTURE  
Drawing No: 3230635-AL-2412  
Rev: A



400L SPECIMEN TREE.  
TREE HEALTH, FORM AND ROOTBALL TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL TREE QUALITY STANDARDS AND REQUIREMENTS.  
TREE TO BE INSTALLED IN ACCORDANCE WITH THE TREE PLANTING REQUIREMENTS OF AUCKLAND COUNCIL CODE OF PRACTICE CHAPTER 7: LANDSCAPE

IF TREE REQUIRES ADDITIONAL SUPPORT STAKE WITH 4 NO. 50 x 50 x 2.4m ROUGH SAWN PINE H4 TREATED STAKES WITH AT LEAST ONE THIRD OF THEIR LENGTH INTO SOLID GROUND AND MIN 1m EXPOSED. STAKES TO BE FIRM, UPRIGHT, LEVEL AND A MINIMUM OF 600mm INTO THE GROUND. SPACE STAKES EVENLY AROUND THE TREE.

TWO FLEXIBLE 50mm HESSIAN TIES PER STAKE SHALL BE ATTACHED.

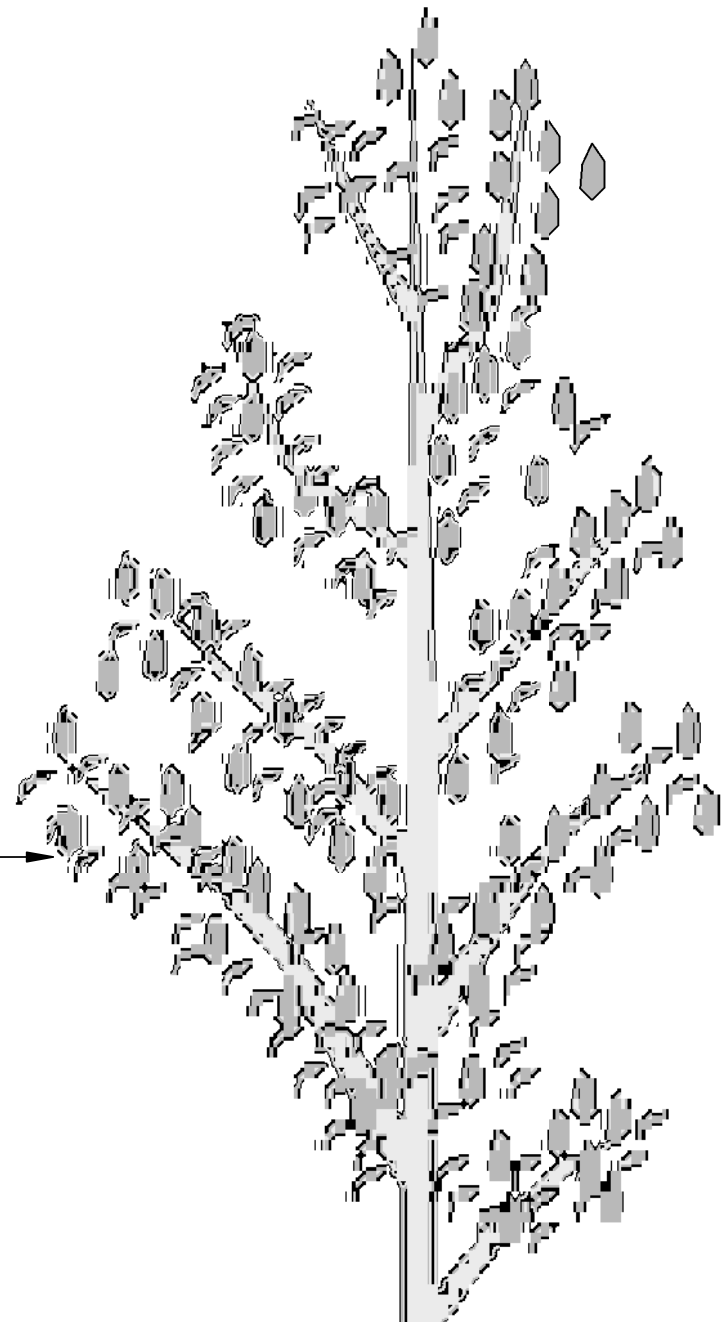
1.5m DIA MULCH RING AROUND TREE. TAPER MULCH TO MAXIMUM 30mm DEPTH OVER ROOTBALL AND STOP 50mm FROM TRUNK OF TREE. CUT MULCH MIN 100mm INTO ADJACENT GRASS BERM.  
MULCH SELECTION: LIVING EARTH 'MORE THAN MULCH' OR SCAPESPEC MB100 OR EQUIVALENT.

STAY TREE WITH TIMBER ROOTBALL FRAME WITH BELOW GROUND TENSIONED STRAPPING FIXED TO DEADMAN ANCHORS.

NATURAL GROUND OR FILL MATERIAL

PLANTING HOLE TO BE MINIMUM 3x ROOTBALL WIDTH, AND SAUCER SHAPED. BACKFILL WITH PROPRIETARY SOIL.  
SOIL SELECTION: SCAPESPEC TP120 TREE PIT MEDIA OR EQUIVALENT.

FORK BASE AND SCARIFY PIT WALLS TO PROMOTE DRAINAGE AND ROOT GROWTH. SUBSOIL DRAINAGE TO BE INSTALLED IN BASE OF TREE PITS UNLESS FREE DRAINING SUBGRADE IS ENCOUNTERED AND CONFIRMED VIA FLOOD TESTING. DRAIN TO BE CONNECTED TO STORMWATER NETWORK, ROAD SUBSOIL DRAIN OR CATCH PIT AS FEASIBLE.



INDICATIVE TREE PIT EXTENT  
2700  
WIDTH TO BE CONFIRMED ON SITE

**NOTE:** PROPOSED TREE PIT POSITIONS TO BE INVESTIGATED TO CONFIRM LOCATIONS OF UNDERGROUND UTILITIES ARE CLEAR OF TREE ROOTBALL AND EXCAVATIONS.

1 DETAIL - TYPICAL TREE PIT IN ROAD WIDENING - 400L  
Scale: 1 : 10

A	PRELIMINARY DESIGN	ZKe	HOd	JPo	18.12.24
No.	Revision	By	Chk	Appd	Date

Original Scale (A1)	Design	ASm	12.12.24	Approved For Construction*
AS SHOWN	Drawn	ASm	12.12.24	
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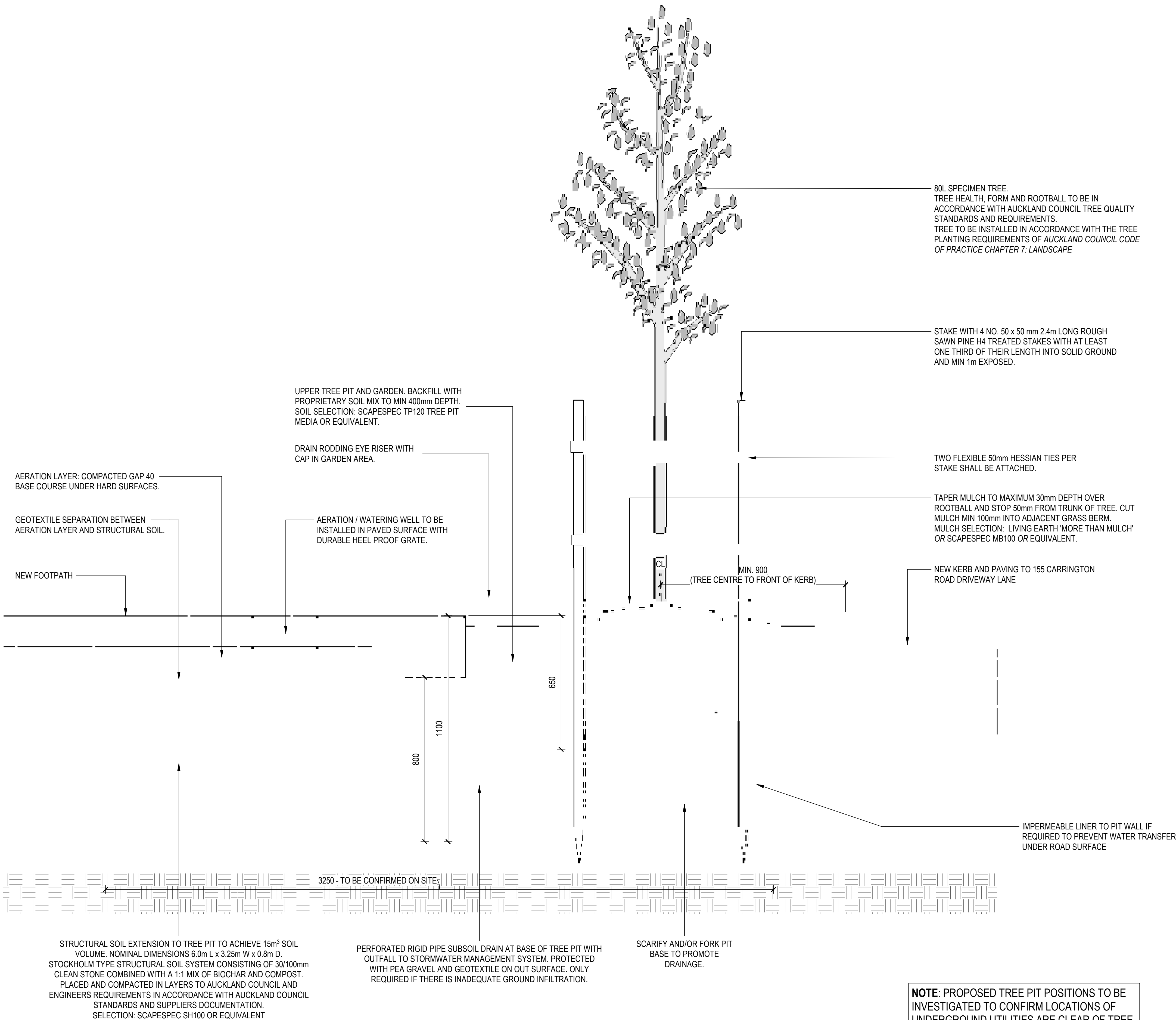


Project:	CARRINGTON ROAD IMPROVEMENTS PROJECT
Title:	TREE PIT TYPICAL DETAIL IN ROAD WIDENING 400L

Discipline	LANDSCAPE ARCHITECTURE
Drawing No.	3230635-AL-2413
Rev.	A

**PRELIMINARY DESIGN**  
**NOT FOR CONSTRUCTION**

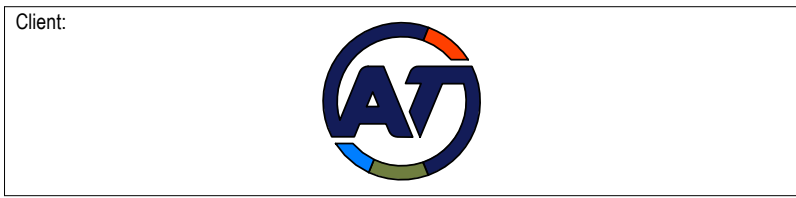




1 DETAIL - STRUCTURAL SOIL TREE PIT - WOODWARD ROAD  
Scale: 1 : 10

A	PRELIMINARY DESIGN	ZKe	HOd	JPo	18.12.24
No.	Revision	By	Chk	Appd	Date

Original Scale (A1)	Design	ASm	12.12.24	Approved For Construction*
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Reduced Scale (A3)	Dig Verifier	JPo	18.12.24	Date
	Dig Check	HOd	18.12.24	
* Refer to Revision 1 for Original Signature				



Project: CARRINGTON ROAD IMPROVEMENTS PROJECT

Title: TREE PIT TYPICAL DETAIL IN STRUCTURAL SOIL 155 CARRINGTON ROAD

Discipline	LANDSCAPE ARCHITECTURE
Drawing No.	3230635-AL-2414
Rev.	A