

LEGEND

**PRELIMINARY
NOT FOR CONSTRUCTION**

Notes:
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 Do not scale from this drawing.

REV	DESCRIPTION	DATE
A	PRELIMINARY - 75% DOCUMENTATION	07/06/2022
B	75% DOCUMENTATION - REVISED LANDSCAPE	14/12/2022
C	STAGE 1A ISSUE - TEMPORARY LANDSCAPE	16/05/2023
D	STAGE 1A - ADDED RETAINING WALLS	22/09/2023

PROJECT
ACTON WATERFRONT PARK
ACTON, ACT
STAGE 1A LANDSCAPE
IRRIGATION WORKS



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Hydraulic Engineer
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 B.Sc. Ag. Hyd-F, M.Eng. (Dist.), CEng 19446
 Signature: [Signature] Date: 07.06.2022
 Supervisor Certificate # 598895

Date	07/06/2022	Scale	1:1000 @ A1
Designed	S.Salem	Drawn	A.L.
Sheet Title	GENERAL ARRANGMENT		
Sheet No.	AWP-1A-IR2112.100	Rev.	D

- Design Notes:**
1. Insure Full Coverage of The Irrigation Network to The Planted Area; Adjustment to Sprayer Is Required During The Install.
 2. Pump and Water Well Upgrades Are Required at Stage 1A of The Works.
 3. Mainline Supply's Pressure & Flow Rate Shall Be Tested Prior To Construction Works.
 4. All Irrigation Pipework To Be Lilac Coded For Recycled Water Use.
 5. All Mainline Pipe work To Be Buried 450mm Below Finish Level, Lateral Lines Shall Be Buried 300mm Below Finishes.
 6. All Valve Boxes To Be UV Resistant With Lilac Lid And Lockable With Stainless Steel Bolts.
 7. All Irrigation Pipework To Be Marked With IRRIGATION LINE BELOW Tape Installed 100mm Above The Pipework .
 8. All Irrigation Polyethylene Joints And Fittings To Be Electro-Fusion Welded And Of PN16 Pressure Rating Fittings.
 9. All Works To Be Undertaken To Relevant Australian Standards AS2500 & Local Authorities.



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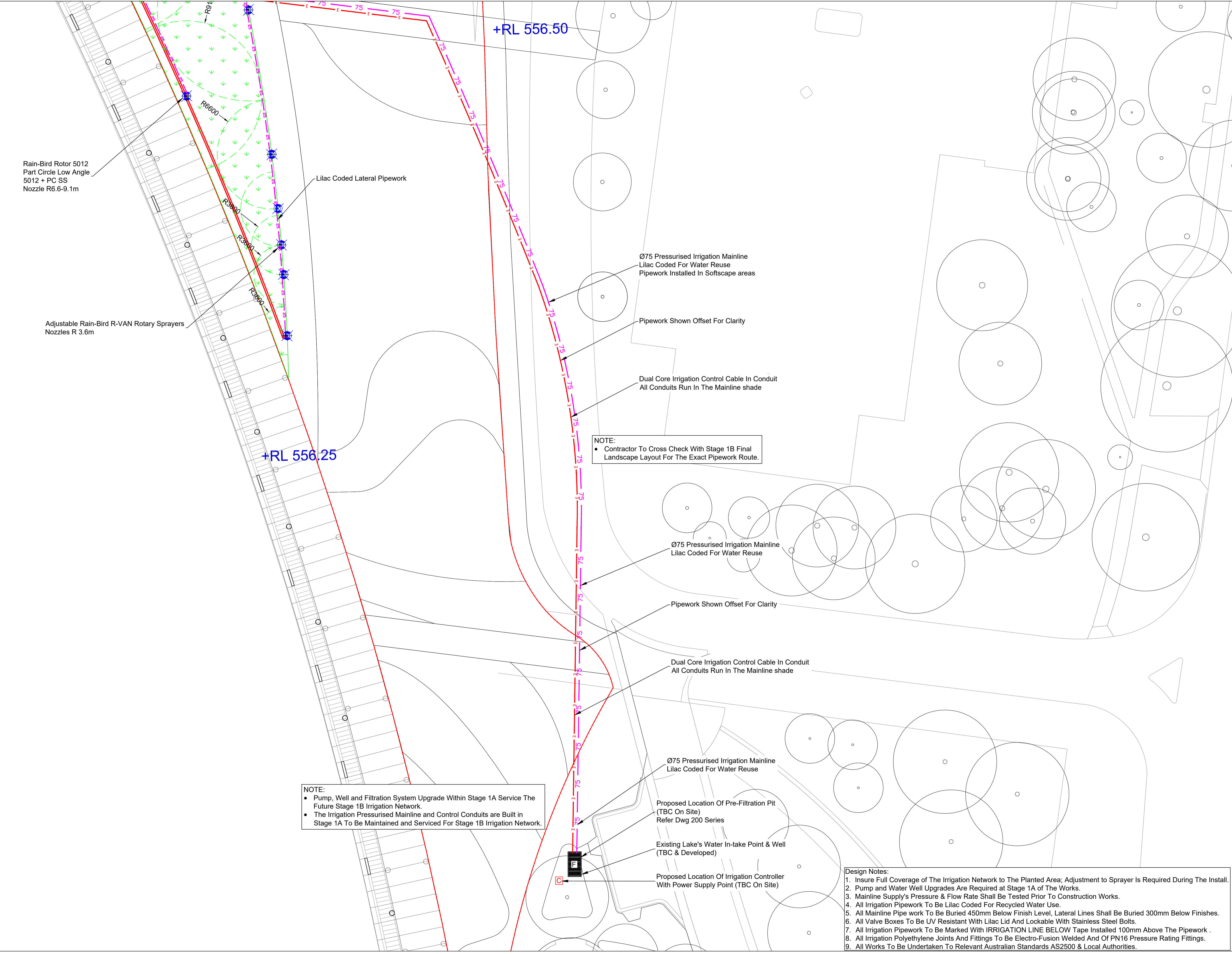
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 Signature: [Signature] Date: 07.12.2022
 Supervisor Certificate # 598895

Date: 07/12/2022 Scale: 1:200 @ A1
 Designed: S.Salem Drawn: A.L.

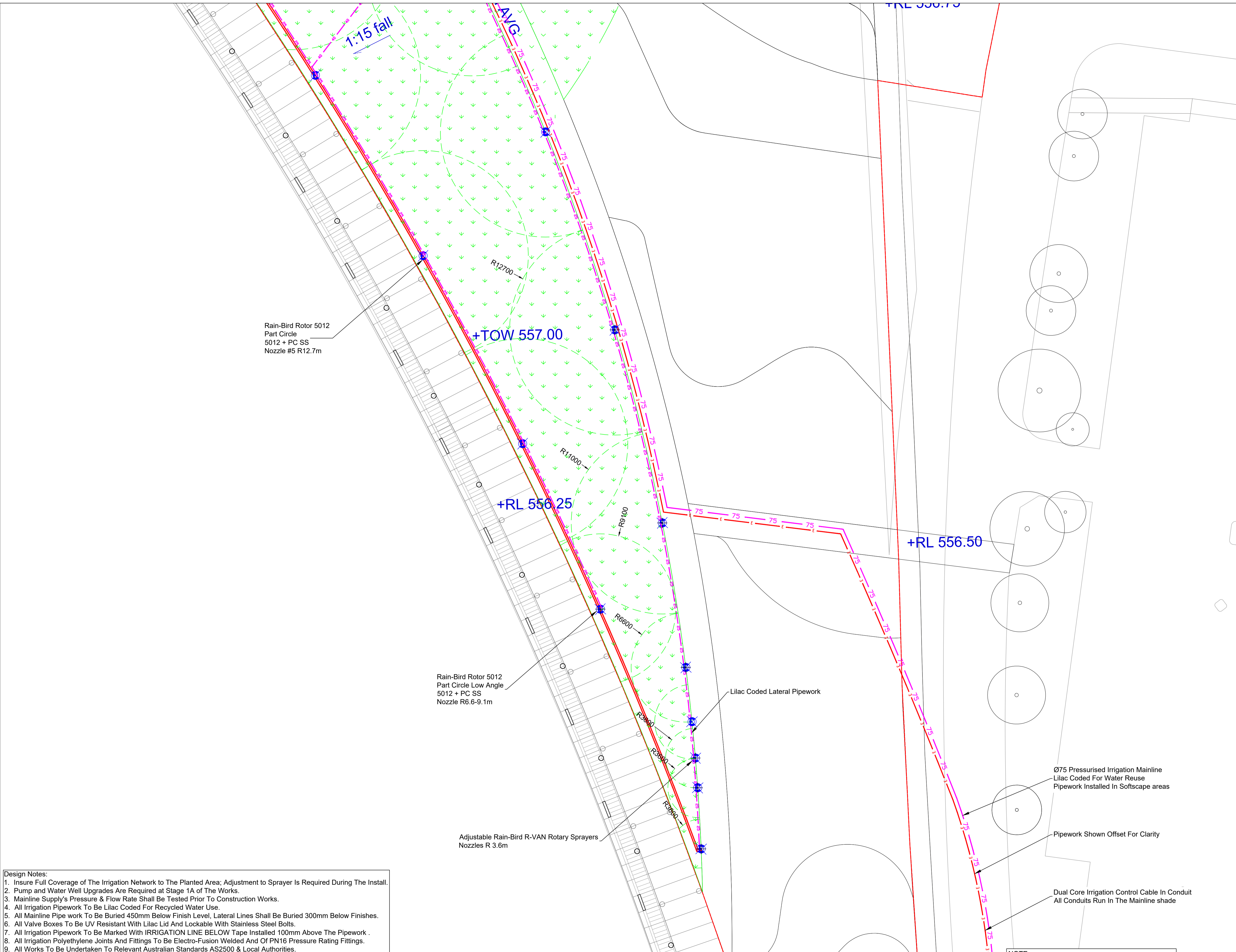
Sheet Title
IRRIGATION SETOUT PLAN 1
 Sheet No.: AWP-1A-IR2112.101 Rev: D



NOTE:
 • Contractor To Cross Check With Stage 1B Final Landscape Layout For The Exact Pipework Route.

NOTE:
 • Pump, Well and Filtration System Upgrade Within Stage 1A Service The Future Stage 1B Irrigation Network.
 • The Irrigation Pressurised Mainline and Control Conduits are Built in Stage 1A To Be Maintained and Serviced For Stage 1B Irrigation Network.

- Design Notes:**
1. Insure Full Coverage of The Irrigation Network to The Planted Area; Adjustment to Sprayer Is Required During The Install.
 2. Pump and Water Well Upgrades Are Required at Stage 1A of The Works.
 3. Mainline Supply's Pressure & Flow Rate Shall Be Tested Prior to Construction Works.
 4. All Irrigation Pipework To Be Lilac Coded For Recycled Water Use.
 5. All Mainline Pipe work To Be Buried 450mm Below Finish Level, Lateral Lines Shall Be Buried 300mm Below Finishes.
 6. All Valve Boxes To Be UV Resistant With Lilac Lid And Lockable With Stainless Steel Bolts.
 7. All Irrigation Pipework To Be Marked With IRRIGATION LINE BELOW Tape Installed 100mm Above The Pipework .
 8. All Irrigation Polyethylene Joints And Fittings To Be Electro-Fusion Welded And Of PN16 Pressure Rating Fittings.
 9. All Works To Be Undertaken To Relevant Australian Standards AS2500 & Local Authorities.



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Date: 07/12/2022 Scale: 1:200 @ A1
 Designed: S.Salem Drawn: A.L.

Sheet Title:
IRRIGATION SETOUT PLAN 2
 Sheet No.: AWP-1A.IR2112.102 Rev: D



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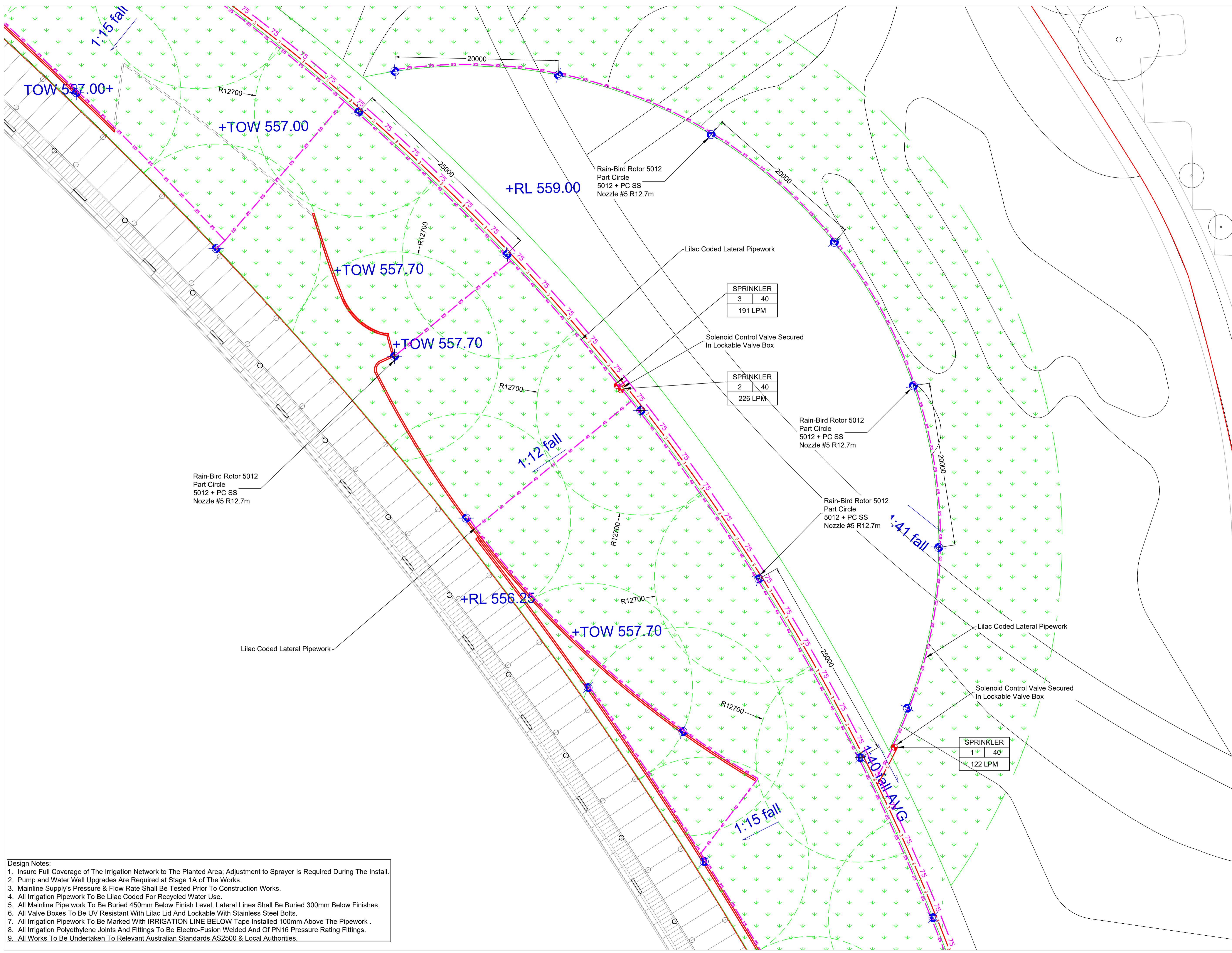
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 B.Sc. Ag. Hyd. & Mec. Dept. Cityg 19446
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 Supervisor Certificate # 59889S

Date: 07/12/2022 Scale: 1:200 @ A1
 Designed: S.Salem Drawn: A.L.

Sheet Title
IRRIGATION SETOUT PLAN 3
 Sheet No. AWP-1A-IR2112.103 Rev. D



- Design Notes:**
1. Insure Full Coverage of The Irrigation Network to The Planted Area; Adjustment to Sprayer Is Required During The Install.
 2. Pump and Water Well Upgrades Are Required at Stage 1A of The Works.
 3. Mainline Supply's Pressure & Flow Rate Shall Be Tested Prior To Construction Works.
 4. All Irrigation Pipework To Be Lilac Coded For Recycled Water Use.
 5. All Mainline Pipe work To Be Buried 450mm Below Finish Level, Lateral Lines Shall Be Buried 300mm Below Finishes.
 6. All Valve Boxes To Be UV Resistant With Lilac Lid And Lockable With Stainless Steel Bolts.
 7. All Irrigation Pipework To Be Marked With IRRIGATION LINE BELOW Tape Installed 100mm Above The Pipework .
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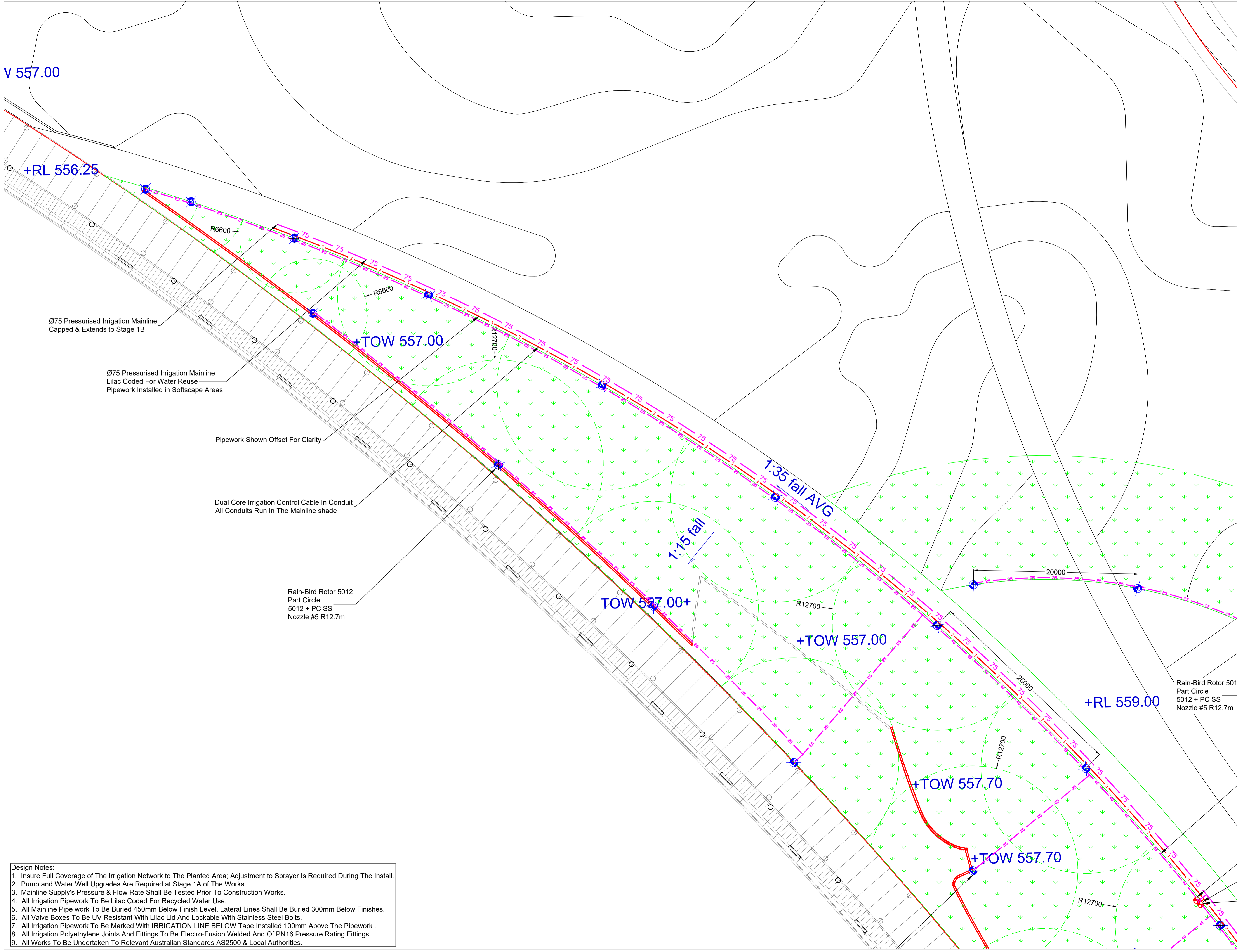
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 Supervisor Certificate # 59889S

Date: 07/12/2022 Scale: 1:200 @ A1
 Designed: S.Salem Draw: A.L.

Sheet Title
IRRIGATION SETOUT PLAN 4
 Sheet No: AWP-1A.IR2112.104 Rev: D



- Design Notes:**
1. Insure Full Coverage of The Irrigation Network to The Planted Area; Adjustment to Sprayer Is Required During The Install.
 2. Pump and Water Well Upgrades Are Required at Stage 1A of The Works.
 3. Mainline Supply's Pressure & Flow Rate Shall Be Tested Prior To Construction Works.
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V 557.00

+RL 556.25

+TOW 557.00

TOW 557.00+

+TOW 557.00

+RL 559.00

+TOW 557.70

+TOW 557.70

Ø75 Pressurised Irrigation Mainline
Capped & Extends to Stage 1B

Ø75 Pressurised Irrigation Mainline
Lilac Coded For Water Reuse
Pipework Installed in Softscape Areas

Pipework Shown Offset For Clarity

Dual Core Irrigation Control Cable In Conduit
All Conduits Run In The Mainline shade

Rain-Bird Rotor 5012
Part Circle
5012 + PC SS
Nozzle #5 R12.7m

1:35 fall AVG

7:15 fall

R6600

R6600

R12700

R12700

R12700

R12700

20000

25000