

# **ADAMSTOWN BOULEVARD DEVELOPMENT:**

## **ADAMSTOWN BOULEVARD PHASE 1**

**SDCC REG. REF. SDZ17A/0002**

### **SUBMISSION ON COMPLIANCE WITH CONDITION NO. 15.C.(iii)**

iv. Swales to be shown on landscape plans (planting and maintenance to be agreed)

iii SuDS Tree pit details:

- Geotextile wrapping of soil layers to be omitted due to potential for clogging and water logging
- Surface water run-off to be directed to tree pits via overland flow and be allowed to percolate through the soil profile mimicking natural systems.  
(Remove pipe to the subsurface in tree pit Type A.)
- Planting (and maintenance) for areas to be taken in charge: Woodland planting in pocket park, swales, streetscape planting. (Refer to Compliance No. 15.B)

# Adamstown Boulevard Phase 1

SDCC Reg. Ref. SDZ17A/0002

## SUBMISSION ON COMPLIANCE WITH CONDITION No. 15.C.(iii)

Compliance No.	CAD No.	Title:	Size:	Scale:
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### GENERAL INFORMATION

LC-15.C.iii-001	-	COMPLIANCE COVER SHEET - CONDITION 15.C.(iii)	A1	N/A
LC-15.C.iii-002	-	DRAWING INDEX	A1	N/A

### GENERAL ARRANGEMENT

LC-15.C.iii-003	L1-602	SuDS LAYOUT	A0	1:500
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### DETAILS

LC-15.C.iii-004	L1-905-1	TREE PIT - TYPE A	A1	AS INDICATED
LC-15.C.iii-005	L1-905-2	TREE PIT - TYPE B	A1	AS INDICATED
LC-15.C.iii-006	L1-905-3	TREE PIT - TYPE C	A1	AS INDICATED
LC-15.C.iii-007	L1-905-4	TREE PIT - TYPE D	A1	AS INDICATED
LC-15.C.iii-008	L1-905-5	TYPICAL SWALE DETAIL	A1	AS INDICATED

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CLIENT:

**ADAMSTOWN STATION AND BOULEVARD LTD.**

ARCHITECTS:

**MDO ARCHITECTS**

C1	FOR COMPLIANCE	03.2023

#### REVISIONS

Job No.	23A2A	Drawn By	KFR
Dwg No.	LC-15.C.iii-002	Checked By	JM
Scale	@A1	Date	MARCH 2023

#### JOB DESCRIPTION

Site	ADAMSTOWN BOULEVARD
Project	ADAMSTOWN BOULEVARD - COMPLIANCE NO. 15.C.(iii)
Title	DRAWING INDEX



**NMP**  
Niall Montgomery + Partners

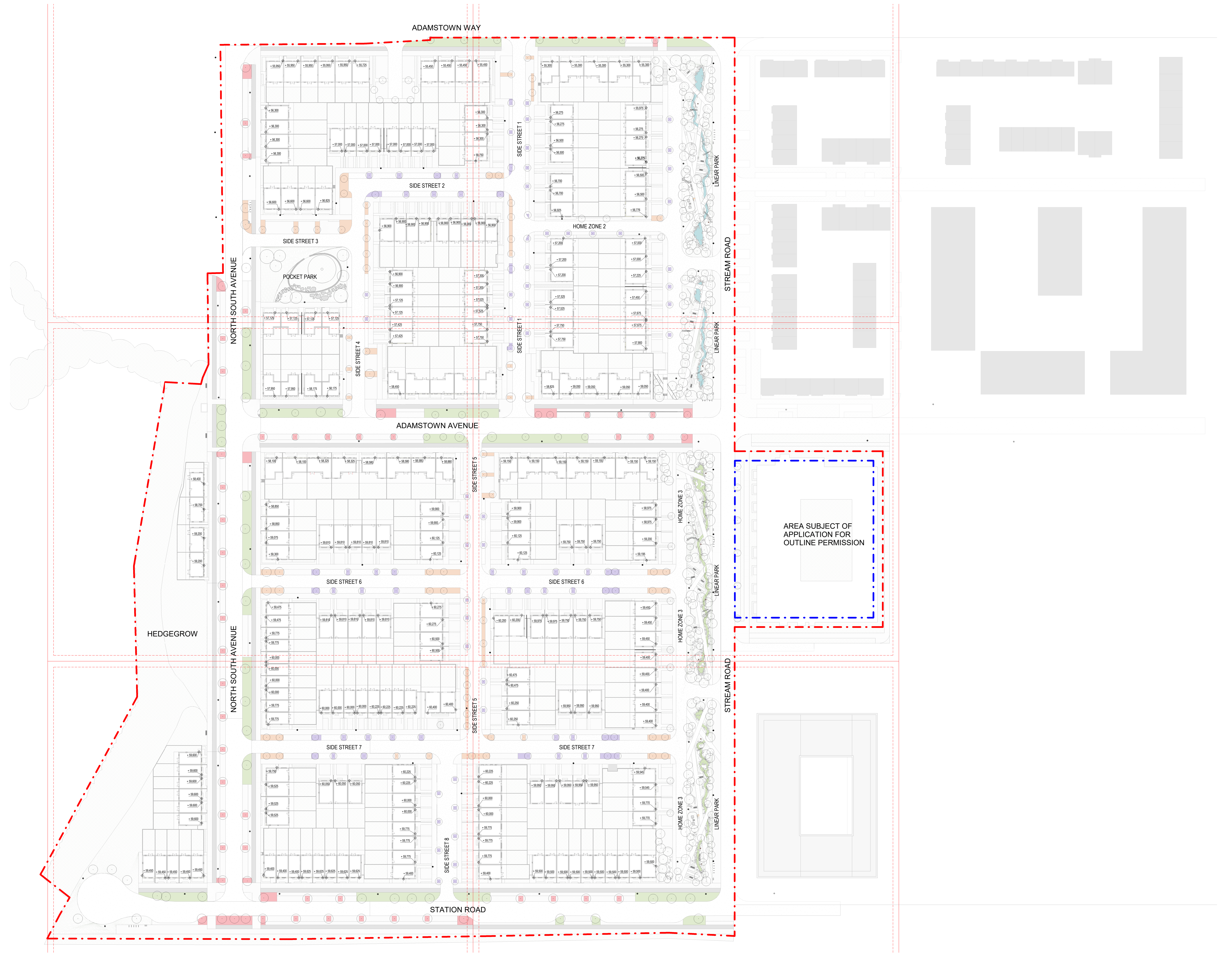
Architects : 2121 800 Fax : 2121 007 E mail : info@nmp.ie  
Telephones : 2121 800 Fax : 2121 007 E mail : info@nmp.ie

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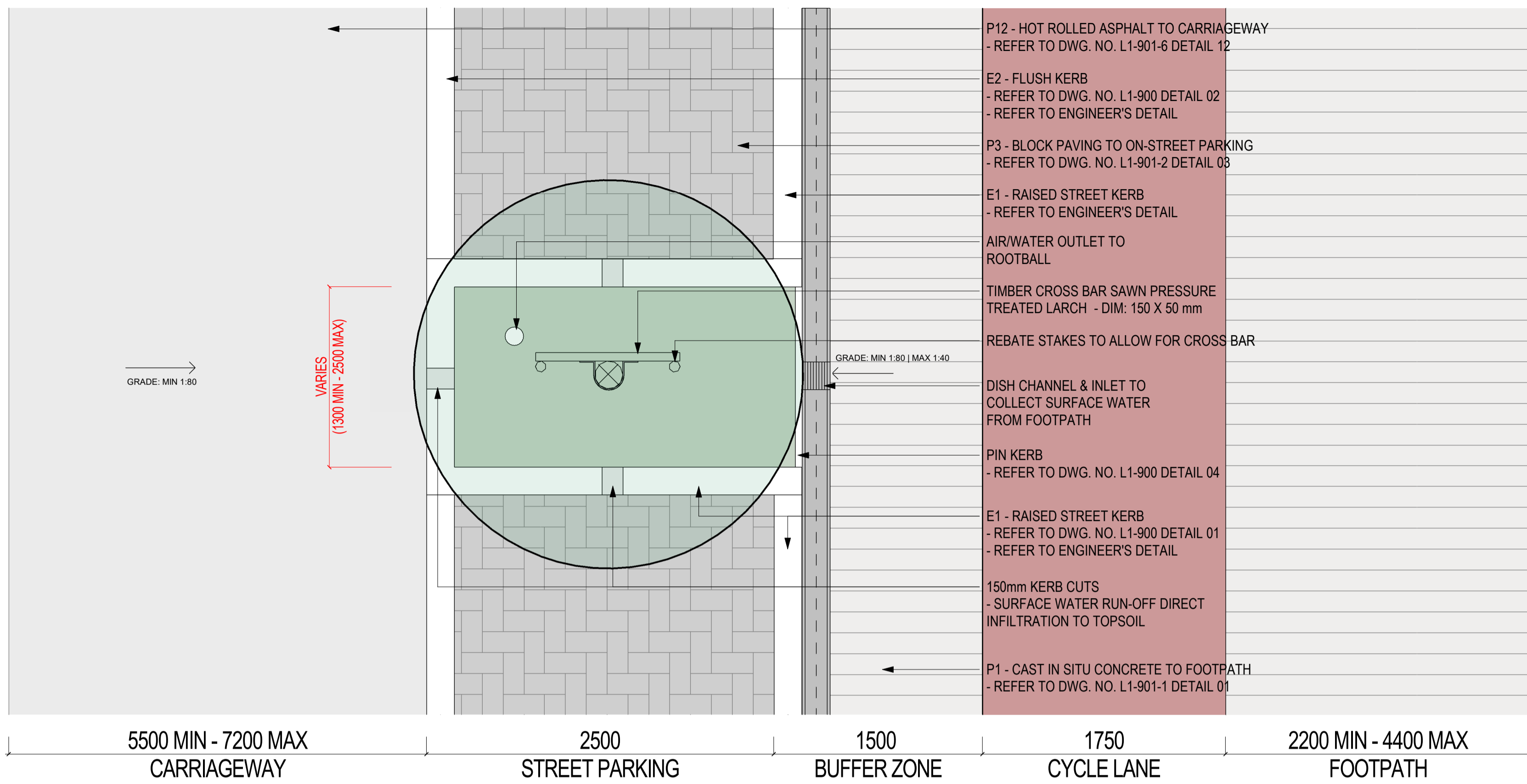
CLIENT:  
**ADAMSTOWN STATION AND BOULEVARD LTD.**

ARCHITECTS:  
**MDO ARCHITECTS**

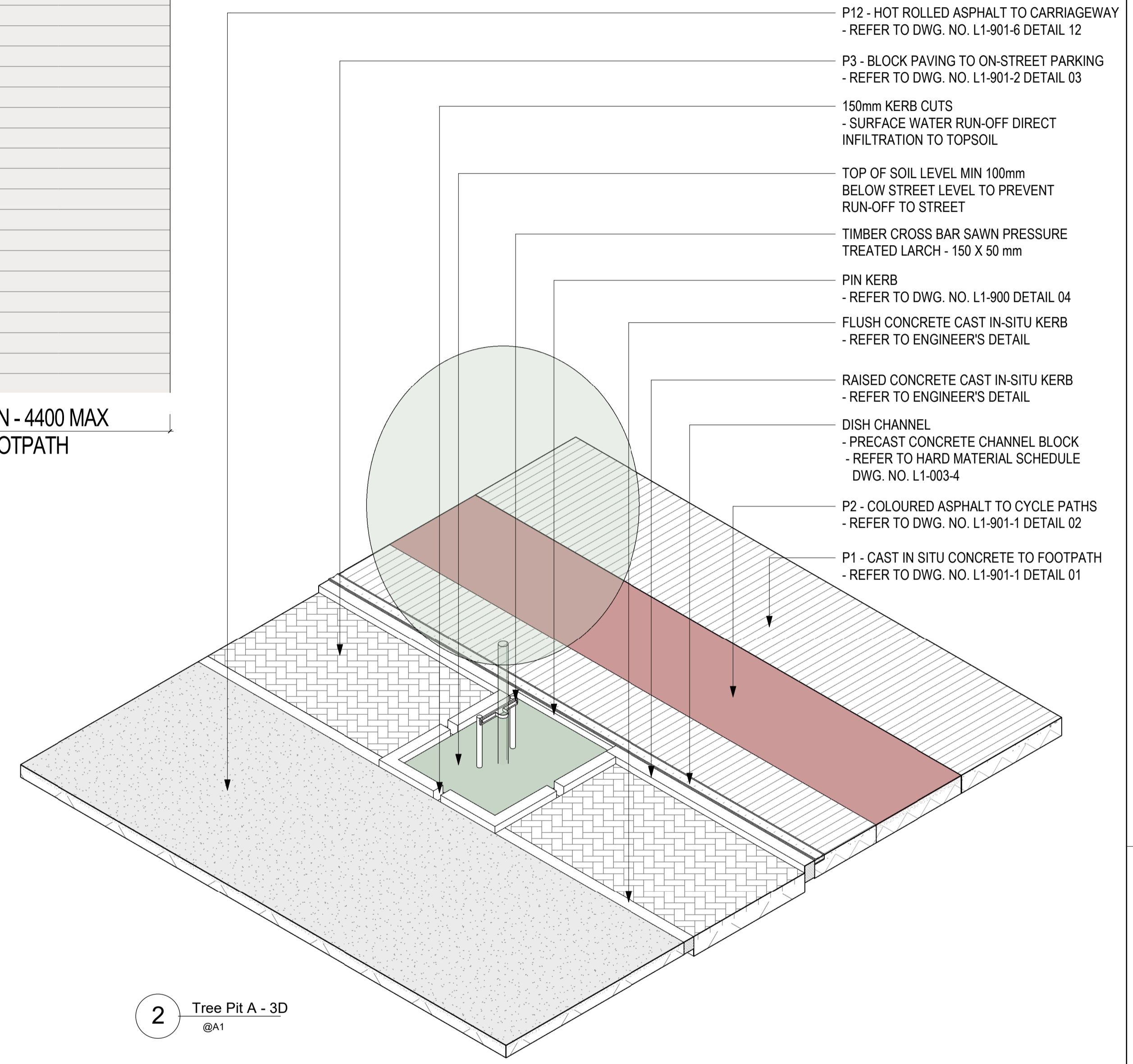
- LEGEND**
- - - LIMIT OF WORKS
  - - - AREA SUBJECT OF FUTURE OUTLINE PERMISSION
  - TREE PIT TYPE A - REFER TO DWG. NO. L1-005-1
  - TREE PIT TYPE B - REFER TO DWG. NO. L1-005-2
  - TREE PIT TYPE C - REFER TO DWG. NO. L1-005-3
  - SWALE - REFER TO ENGINEER'S DETAIL
  - LINEAR RESERVE WATER FEATURE



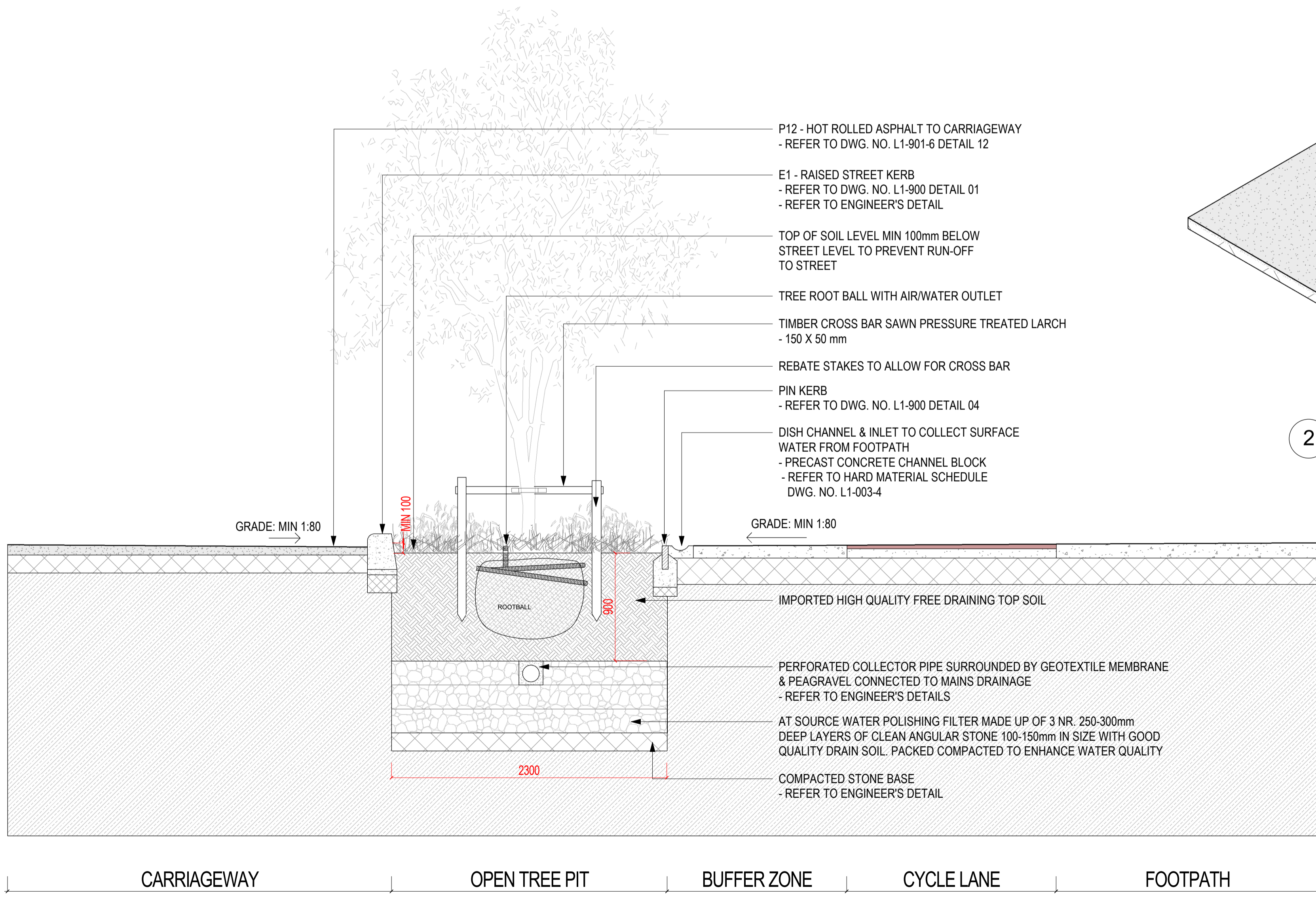
ADAMSTOWN BOULEVARD		
C1	FOR COMPLIANCE	03.2023
REVISIONS		
Job No.	23A2A	Drawn By KFR
Dwg No.	L1-602	Checked By JM
Scale	1:500 @A0	Date MARCH 2023
JOB DESCRIPTION		
Site	ADAMSTOWN BOULEVARD	
Project	ADAMSTOWN BOULEVARD - COMPLIANCE NO. 15.C.1(1)	
Title	SUGS LAYOUT	



- P12 - HOT ROLLED ASPHALT TO CARRIAGEWAY  
- REFER TO DWG. NO. L1-901-6 DETAIL 12
- E2 - FLUSH KERB  
- REFER TO DWG. NO. L1-900 DETAIL 02  
- REFER TO ENGINEER'S DETAIL
- P3 - BLOCK PAVING TO ON-STREET PARKING  
- REFER TO DWG. NO. L1-901-2 DETAIL 03
- E1 - RAISED STREET KERB  
- REFER TO ENGINEER'S DETAIL
- AIR/WATER OUTLET TO ROOTBALL
- TIMBER CROSS BAR SAWN PRESSURE TREATED LARCH - DIM: 150 X 50 mm
- REBATE STAKES TO ALLOW FOR CROSS BAR
- DISH CHANNEL & INLET TO COLLECT SURFACE WATER FROM FOOTPATH
- PIN KERB  
- REFER TO DWG. NO. L1-900 DETAIL 04
- E1 - RAISED STREET KERB  
- REFER TO DWG. NO. L1-900 DETAIL 01  
- REFER TO ENGINEER'S DETAIL
- 150mm KERB CUTS  
- SURFACE WATER RUN-OFF DIRECT INFILTRATION TO TOPSOIL
- P1 - CAST IN SITU CONCRETE TO FOOTPATH  
- REFER TO DWG. NO. L1-901-1 DETAIL 01



- P12 - HOT ROLLED ASPHALT TO CARRIAGEWAY  
- REFER TO DWG. NO. L1-901-6 DETAIL 12
- P3 - BLOCK PAVING TO ON-STREET PARKING  
- REFER TO DWG. NO. L1-901-2 DETAIL 03
- 150mm KERB CUTS  
- SURFACE WATER RUN-OFF DIRECT INFILTRATION TO TOPSOIL
- TOP OF SOIL LEVEL MIN 100mm BELOW STREET LEVEL TO PREVENT RUN-OFF TO STREET
- TIMBER CROSS BAR SAWN PRESSURE TREATED LARCH - 150 X 50 mm
- PIN KERB  
- REFER TO DWG. NO. L1-900 DETAIL 04
- FLUSH CONCRETE CAST IN-SITU KERB  
- REFER TO ENGINEER'S DETAIL
- RAISED CONCRETE CAST IN-SITU KERB  
- REFER TO ENGINEER'S DETAIL
- DISH CHANNEL  
- PRECAST CONCRETE CHANNEL BLOCK  
- REFER TO HARD MATERIAL SCHEDULE DWG. NO. L1-003-4
- P2 - COLOURED ASPHALT TO CYCLE PATHS  
- REFER TO DWG. NO. L1-901-1 DETAIL 02
- P1 - CAST IN SITU CONCRETE TO FOOTPATH  
- REFER TO DWG. NO. L1-901-1 DETAIL 01



- P12 - HOT ROLLED ASPHALT TO CARRIAGEWAY  
- REFER TO DWG. NO. L1-901-6 DETAIL 12
- E1 - RAISED STREET KERB  
- REFER TO DWG. NO. L1-900 DETAIL 01  
- REFER TO ENGINEER'S DETAIL
- TOP OF SOIL LEVEL MIN 100mm BELOW STREET LEVEL TO PREVENT RUN-OFF TO STREET
- TREE ROOT BALL WITH AIR/WATER OUTLET
- TIMBER CROSS BAR SAWN PRESSURE TREATED LARCH - 150 X 50 mm
- REBATE STAKES TO ALLOW FOR CROSS BAR
- PIN KERB  
- REFER TO DWG. NO. L1-900 DETAIL 04
- DISH CHANNEL & INLET TO COLLECT SURFACE WATER FROM FOOTPATH  
- PRECAST CONCRETE CHANNEL BLOCK  
- REFER TO HARD MATERIAL SCHEDULE DWG. NO. L1-003-4
- IMPORTED HIGH QUALITY FREE DRAINING TOP SOIL
- PERFORATED COLLECTOR PIPE SURROUNDED BY GEOTEXTILE MEMBRANE & PEAGRAVEL CONNECTED TO MAINS DRAINAGE  
- REFER TO ENGINEER'S DETAILS
- AT SOURCE WATER POLISHING FILTER MADE UP OF 3 NR. 250-300mm DEEP LAYERS OF CLEAN ANGULAR STONE 100-150mm IN SIZE WITH GOOD QUALITY DRAIN SOIL. PACKED COMPACTED TO ENHANCE WATER QUALITY
- COMPACTED STONE BASE  
- REFER TO ENGINEER'S DETAIL

2 Tree Pit A - 3D @A1

1 TREE PIT - TYPE A 1:25 @A1

NOTE  
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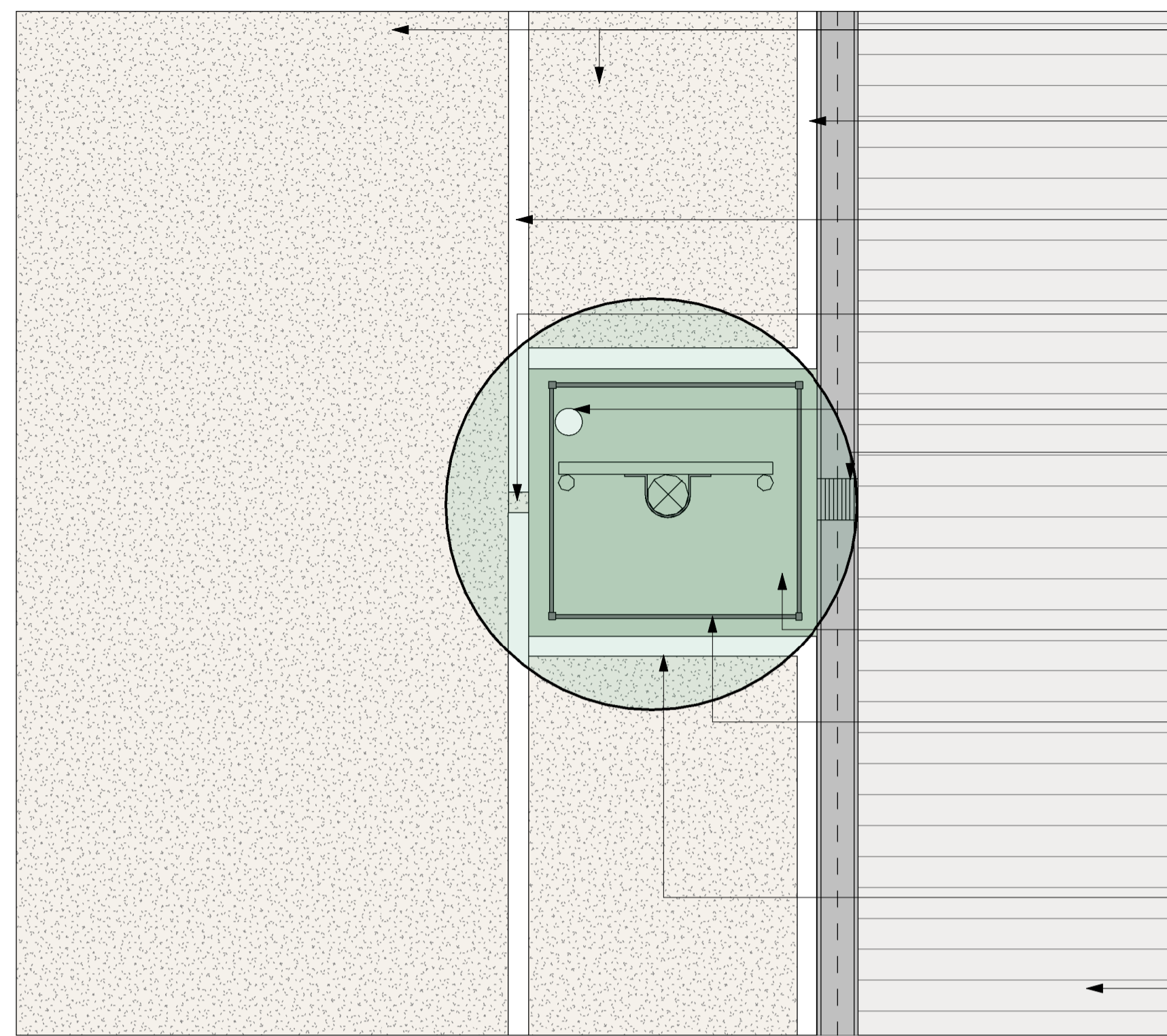
ARCHITECTS:

MDO ARCHITECTS

C1	FOR COMPLIANCE	03.2023
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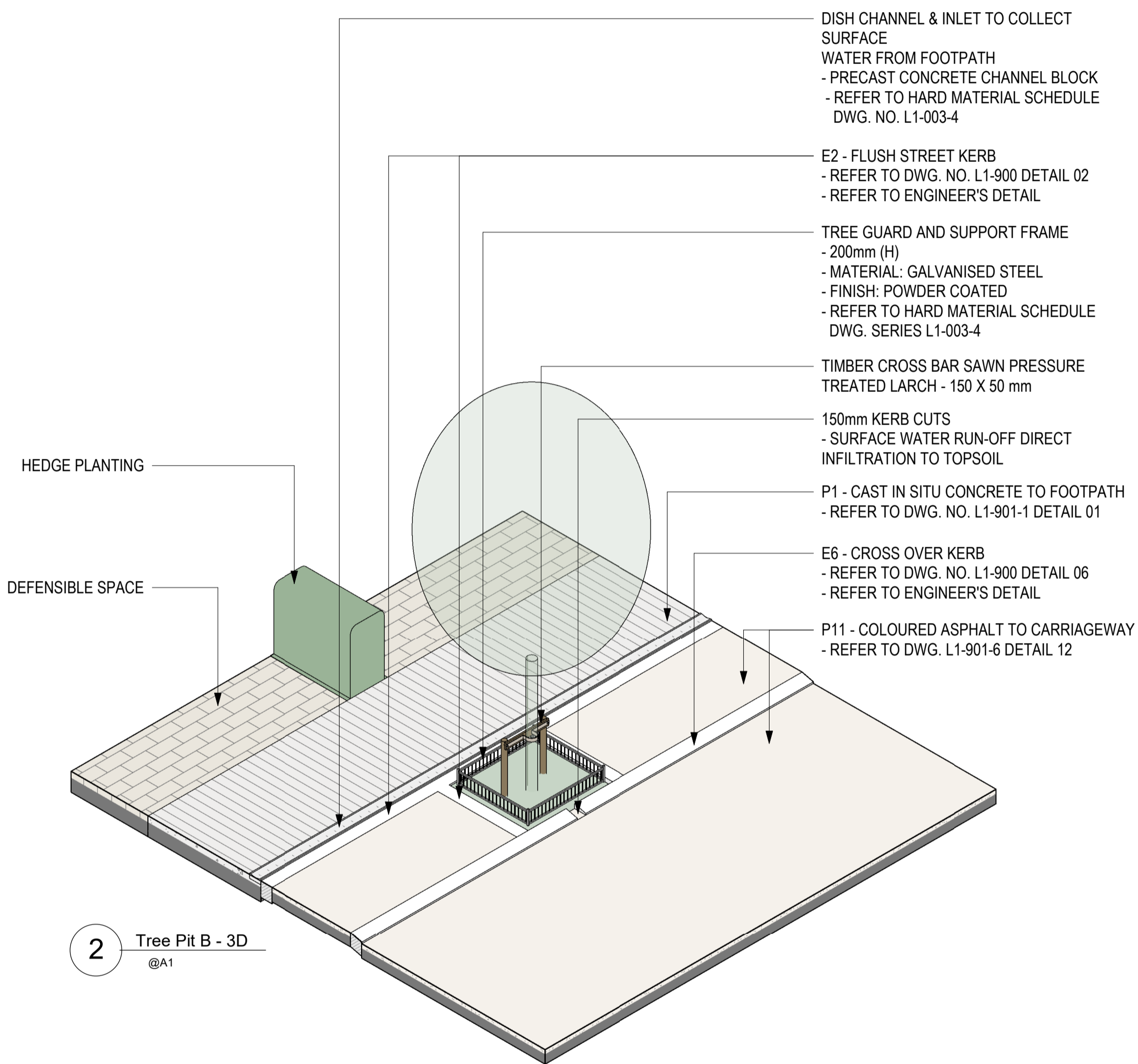
REVISIONS			
Job No.	23A2A	Drawn By	KFR
Dwg No.	L1-905-1	Checked By	JM
Scale	1:25 @A1	Date	MARCH 2022

JOB DESCRIPTION	
Site	ADAMSTOWN BOULEVARD
Project	ADAMSTOWN BOULEVARD - COMPLIANCE NO. 15.C.(iii)
Title	TREE PIT - TYPE A



- P11 - COLOURED ASPHALT TO CARRIAGEWAY  
- REFER TO DWG. NO. L1-901-6 DETAIL 11  
- ROAD FLUSH TO FOOTPATH
- E2 - FLUSH STREET KERB  
- REFER TO DWG. NO. L1-900 DETAIL 02  
- REFER TO ENGINEER'S DETAIL
- E6 - CROSS OVER KERB  
- REFER TO DWG. NO. L1-900 DETAIL 06  
- REFER TO ENGINEER'S DETAIL
- 150mm KERB CUTS  
- SURFACE WATER RUN-OFF DIRECT INFILTRATION TO TOPSOIL
- AIR/WATER OUTLET TO ROOTBALL
- DISH CHANNEL & INLET TO COLLECT SURFACE WATER FROM FOOTPATH  
- PRECAST CONCRETE CHANNEL BLOCK  
- REFER TO HARD MATERIAL SCHEDULE DWG. NO. L1-003-4
- TOP OF SOIL LEVEL MIN 100mm BELOW STREET LEVEL TO PREVENT RUN-OFF TO STREET
- TREE GUARD AND SUPPORT FRAME  
- 200mm (H)  
- MATERIAL: GALVANISED STEEL  
- FINISH: POWDER COATED  
- REFER TO HARD MATERIAL SCHEDULE DWG. SERIES L1-003-4
- E2 - FLUSH STREET KERB  
- REFER TO DWG. NO. L1-900 DETAIL 02  
- REFER TO ENGINEER'S DETAIL
- P1 - CAST IN SITU CONCRETE TO FOOTPATH  
- REFER TO DWG. NO. L1-901-1 DETAIL 01

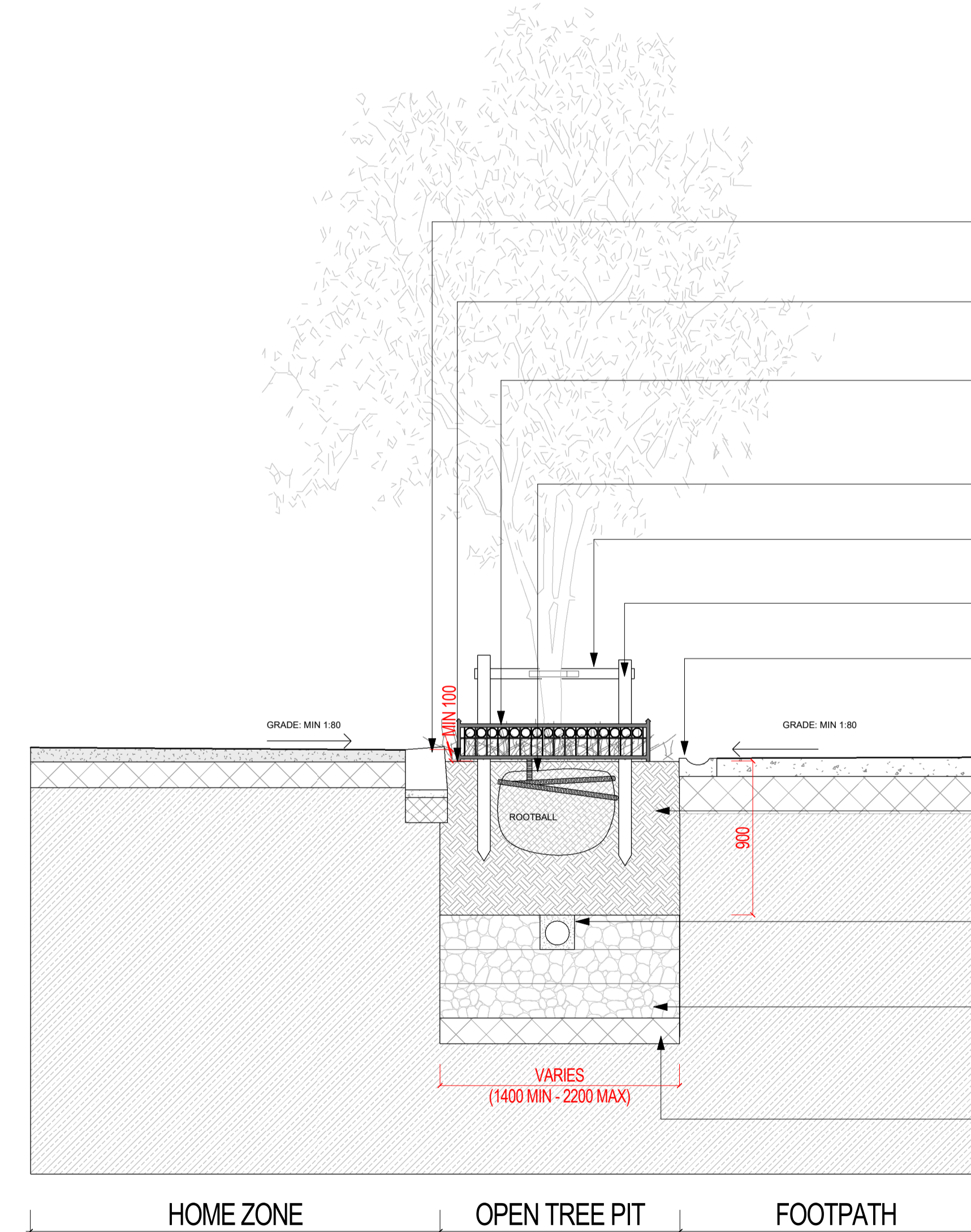
CARRIAGEWAY      OPEN TREE PIT      FOOTPATH



HEDGE PLANTING  
DEFENSIBLE SPACE

- DISH CHANNEL & INLET TO COLLECT SURFACE WATER FROM FOOTPATH  
- PRECAST CONCRETE CHANNEL BLOCK  
- REFER TO HARD MATERIAL SCHEDULE DWG. NO. L1-003-4
- E2 - FLUSH STREET KERB  
- REFER TO DWG. NO. L1-900 DETAIL 02  
- REFER TO ENGINEER'S DETAIL
- TREE GUARD AND SUPPORT FRAME  
- 200mm (H)  
- MATERIAL: GALVANISED STEEL  
- FINISH: POWDER COATED  
- REFER TO HARD MATERIAL SCHEDULE DWG. SERIES L1-003-4
- TIMBER CROSS BAR SAWN PRESSURE TREATED LARCH - 150 X 50 mm
- 150mm KERB CUTS  
- SURFACE WATER RUN-OFF DIRECT INFILTRATION TO TOPSOIL
- P1 - CAST IN SITU CONCRETE TO FOOTPATH  
- REFER TO DWG. NO. L1-901-1 DETAIL 01
- E6 - CROSS OVER KERB  
- REFER TO DWG. NO. L1-900 DETAIL 06  
- REFER TO ENGINEER'S DETAIL
- P11 - COLOURED ASPHALT TO CARRIAGEWAY  
- REFER TO DWG. L1-901-6 DETAIL 12

2 Tree Pit B - 3D @A1



- E6 - CROSS OVER KERB  
- REFER TO DWG. NO. L1-900 DETAIL 06  
- REFER TO ENGINEER'S DETAIL
- TOP OF SOIL LEVEL MIN 100mm BELOW STREET LEVEL TO PREVENT RUN-OFF TO STREET
- TREE GUARD AND SUPPORT FRAME  
- 200mm (H)  
- MATERIAL: GALVANISED STEEL  
- FINISH: POWDER COATED
- TREE ROOT BALL WITH AIR/WATER OUTLET
- TIMBER CROSS BAR SAWN PRESSURE TREATED LARCH  
- 150 X 50 mm
- REBATE STAKES TO ALLOW FOR CROSS BAR
- DISH CHANNEL & INLET TO COLLECT SURFACE WATER FROM FOOTPATH  
- PRECAST CONCRETE CHANNEL BLOCK  
- REFER TO HARD MATERIAL SCHEDULE DWG. NO. L1-003-4
- IMPORTED HIGH QUALITY FREE DRAINING TOP SOIL
- PERFORATED COLLECTOR PIPE SURROUNDED BY GEOTEXTILE MEMBRANE & PEAGRAVEL CONNECTED TO MAINS DRAINAGE  
- REFER TO ENGINEER'S DETAILS
- AT SOURCE WATER POLISHING FILTER MADE UP OF 3 NR. 250-300mm DEEP LAYERS OF CLEAN ANGULAR STONE 100-150mm IN SIZE WITH GOOD QUALITY DRAIN SOIL, PACKED AND COMPACTED TO ENHANCE WATER QUALITY
- COMPACTED STONE BASE BROKEN UP  
- 150MM MINIMUM DEPTH  
- REFER TO ENGINEER'S DETAILS

VARIABLES  
(1400 MIN - 2200 MAX)

HOME ZONE      OPEN TREE PIT      FOOTPATH

1 TREE PIT - TYPE B 1:25 @A1

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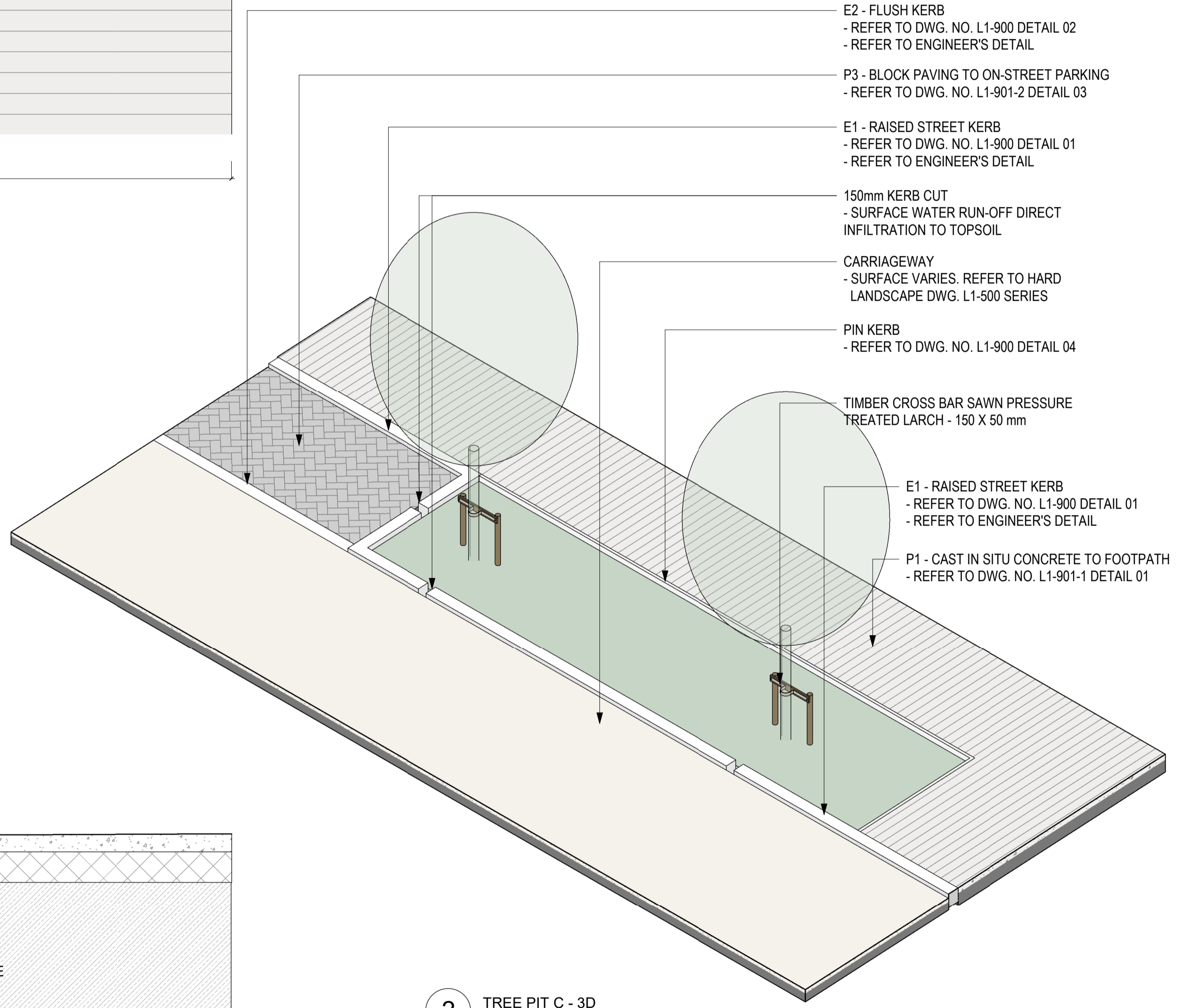
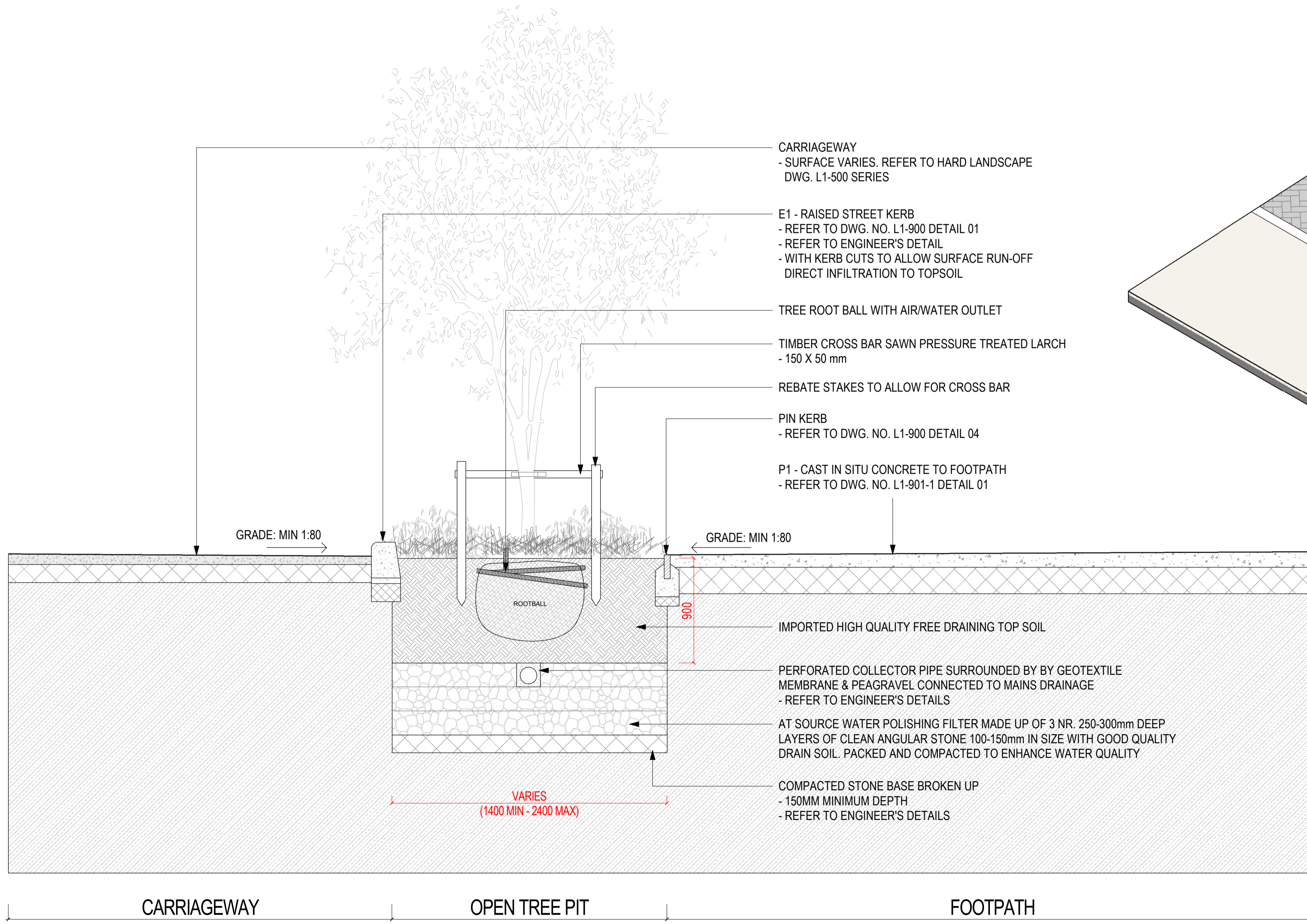
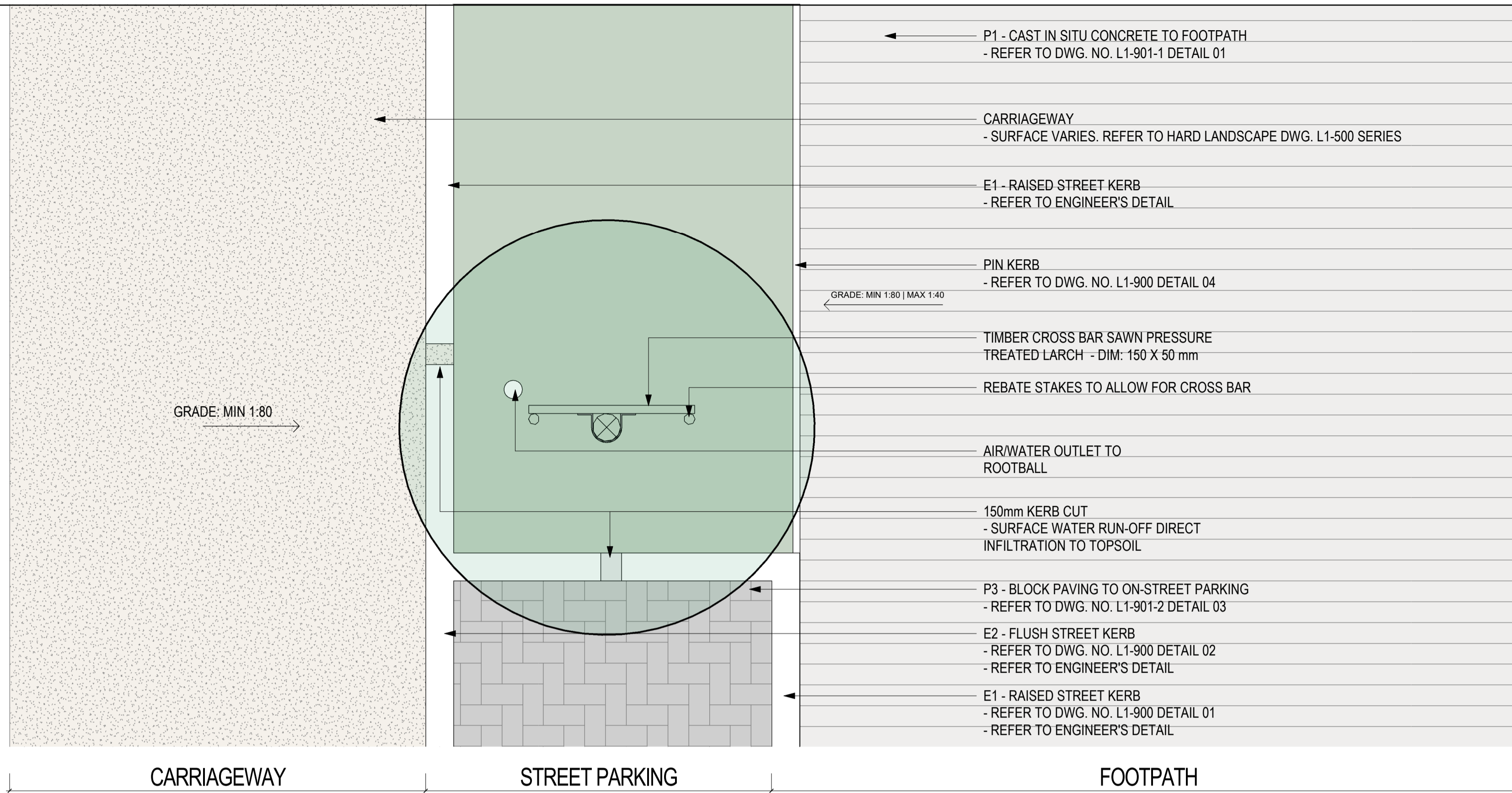
ARCHITECTS:

MDO ARCHITECTS

C1	FOR COMPLIANCE	03.2023
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REVISIONS			
Job No.	23A2A	Drawn By	KFR
Dwg No.	L1-905-2	Checked By	JM
Scale	1:25 @A1	Date	MARCH 2022

JOB DESCRIPTION	
Site	ADAMSTOWN BOULEVARD
Project	ADAMSTOWN BOULEVARD - COMPLIANCE NO. 15.C.(iii)
Title	TREE PIT - TYPE B



2 TREE PIT C - 3D @A1

1 TREE PIT - TYPE C 1:25 @A1

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ARCHITECTS:

MDO ARCHITECTS

C1	FOR COMPLIANCE	03.2023
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REVISIONS			
Job No.	23A2A	Drawn By	KFR
Dwg No.	L1-905-3	Checked By	JM
Scale	1:25 @A1	Date	MARCH 2022

JOB DESCRIPTION	
Site	ADAMSTOWN BOULEVARD
Project	ADAMSTOWN BOULEVARD - COMPLIANCE NO. 15.C.(ii)
Title	TREE PIT - TYPE C

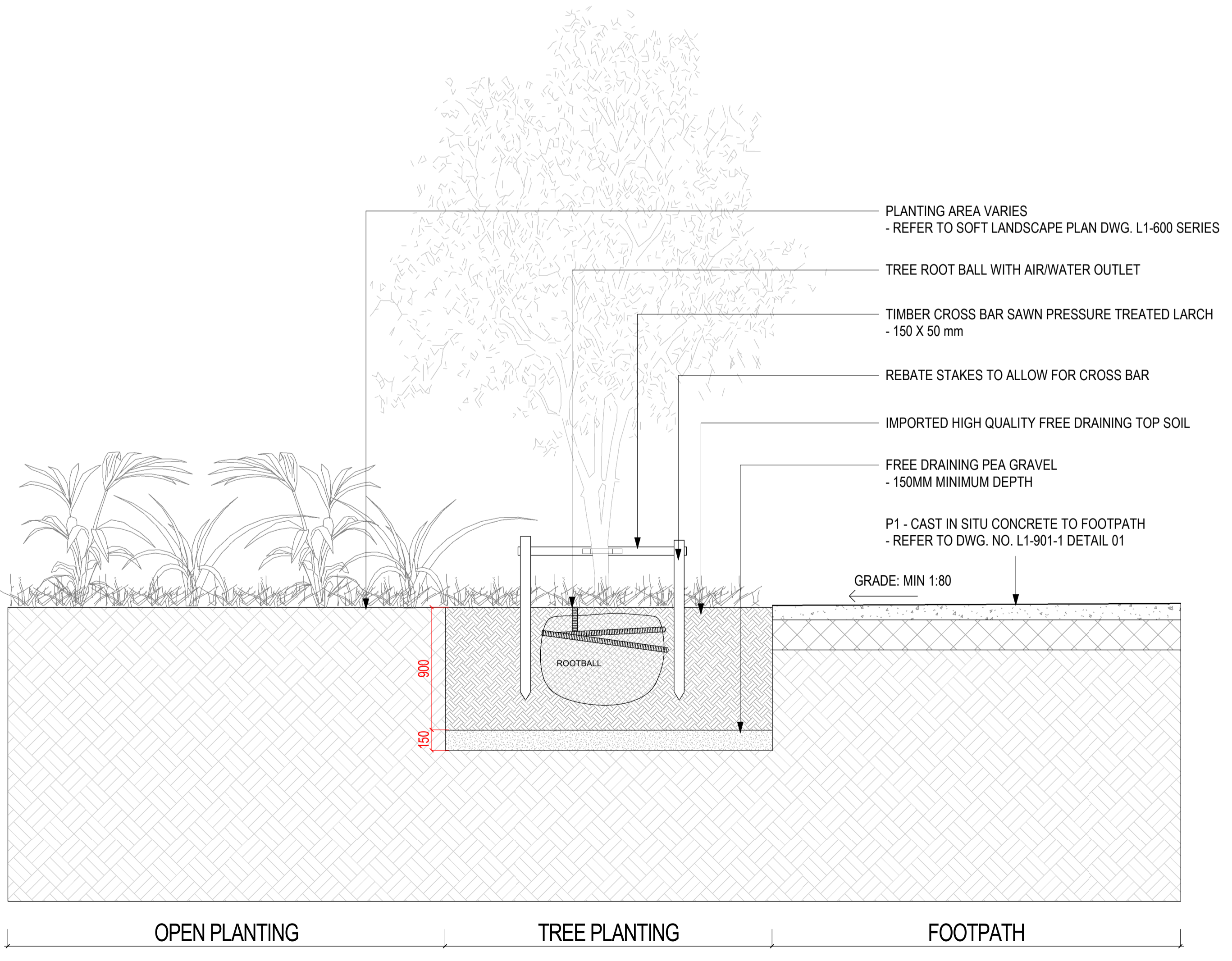
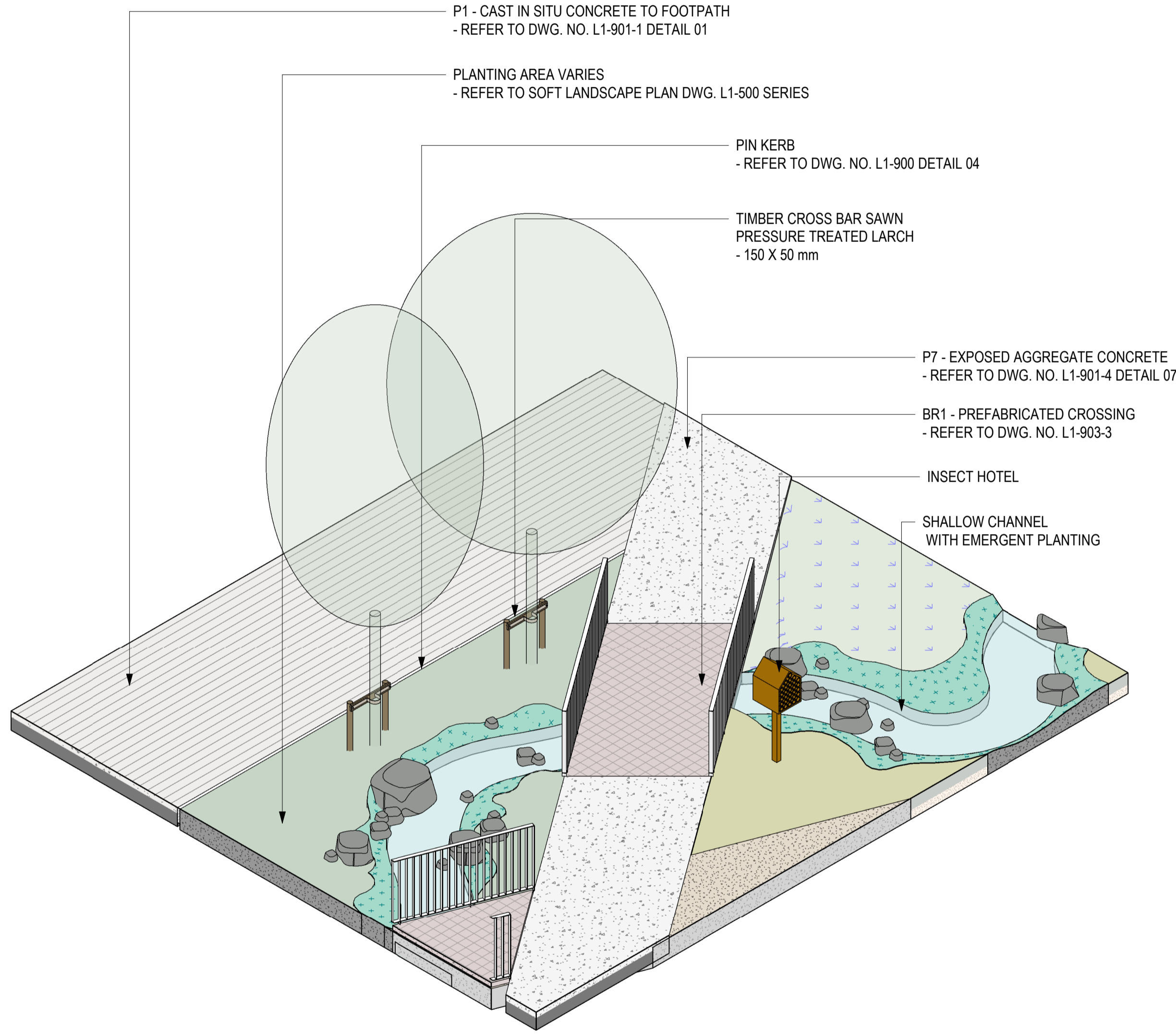
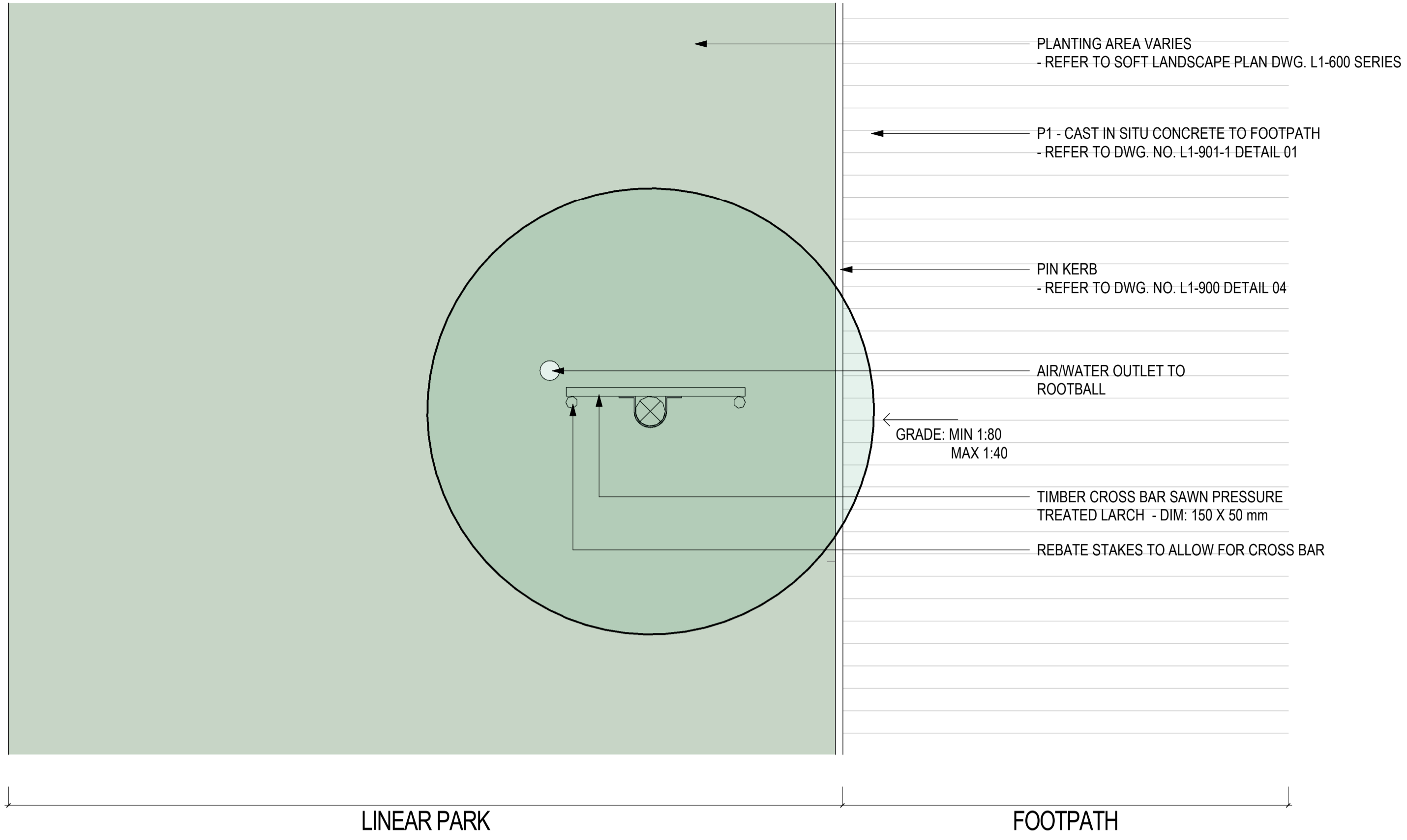
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ARCHITECTS:

**MDO ARCHITECTS**



1 TREE PIT - TYPE D  
 1:25 @A1

C1	FOR COMPLIANCE	03.2023
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REVISIONS			
Job No.	23A2A	Drawn By	KFR
Dwg No.	L1-905-4	Checked By	JM
Scale	1:25 @A1	Date	MARCH 2022

JOB DESCRIPTION	
Site	ADAMSTOWN BOULEVARD
Project	ADAMSTOWN BOULEVARD - COMPLIANCE NO. 15.C.(iii)
Title	TREE PIT - TYPE D

Architects 33 Rock Road, Williamstown, Blackrock, Co. Dublin  
 Telephones : 2121 800 Fax : 2121 007 E mail : info@nmp.ie

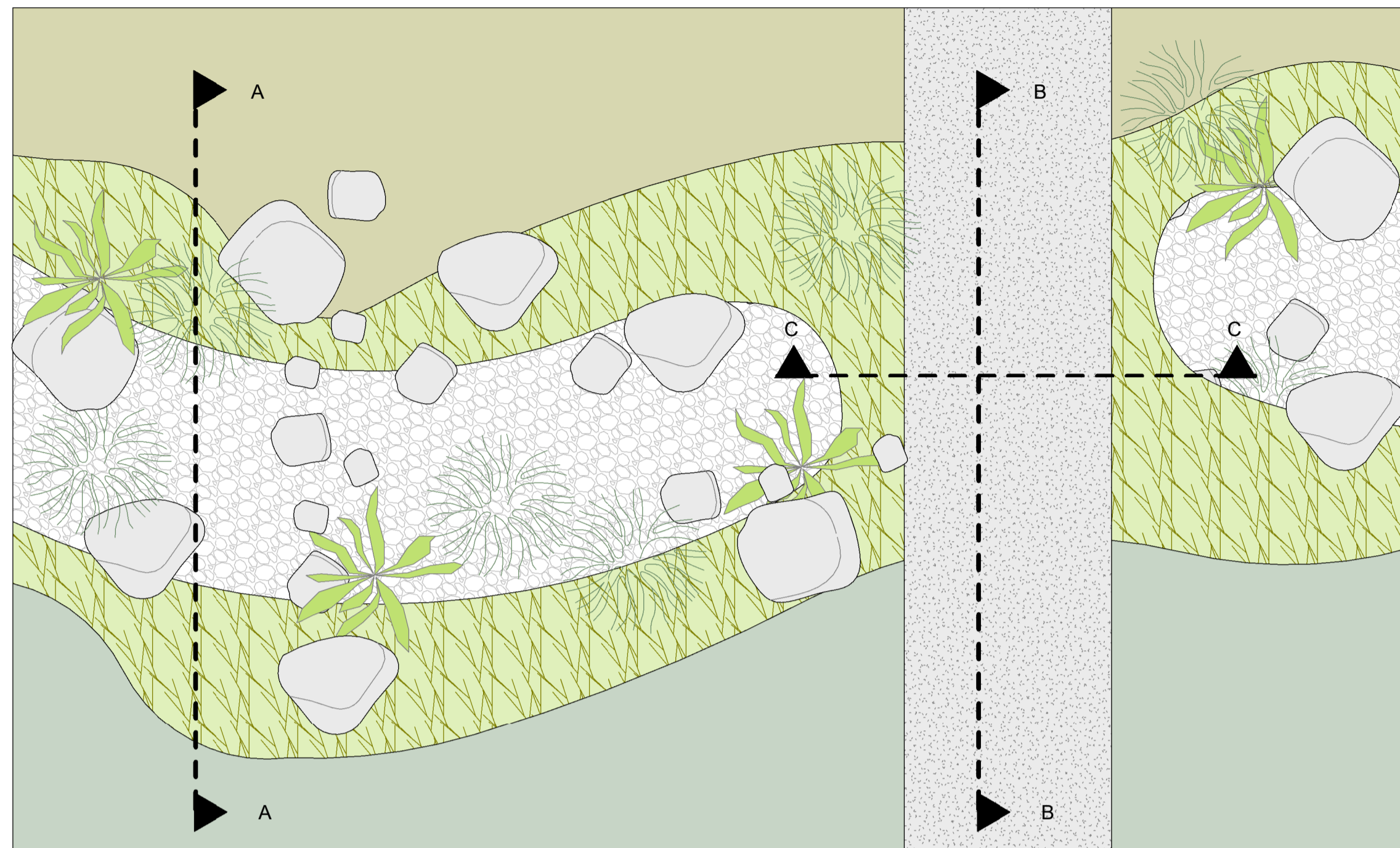
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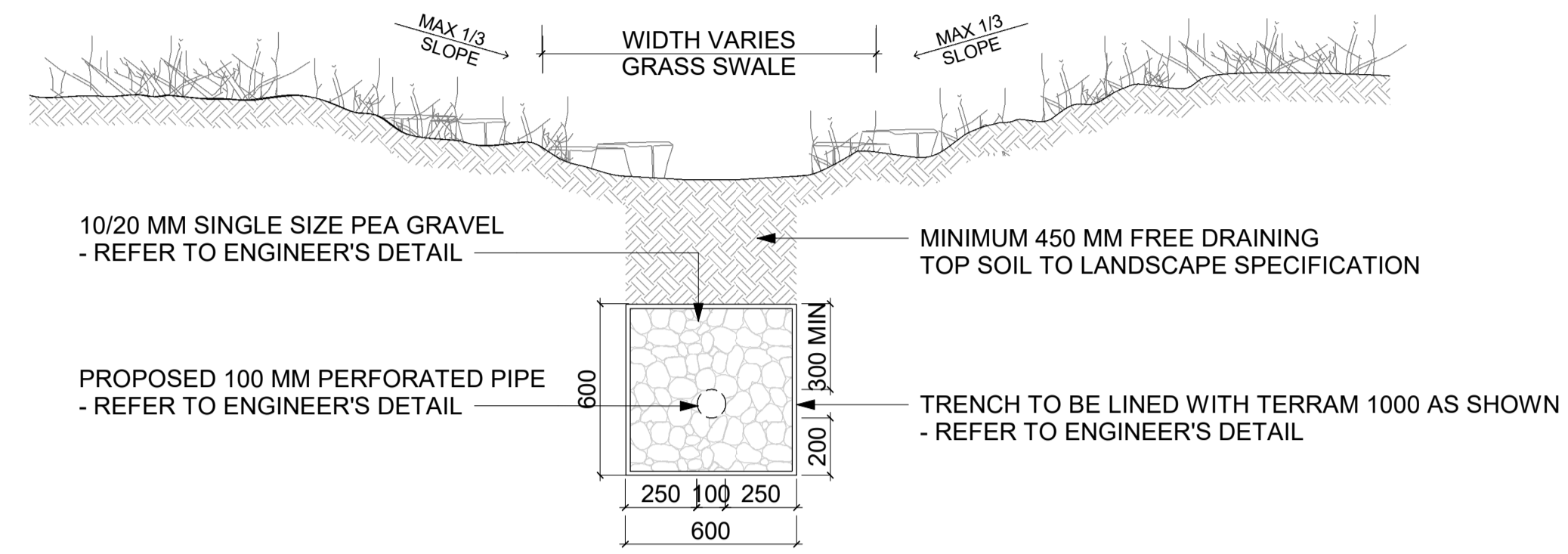
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ARCHITECTS:

**MDO ARCHITECTS**



PLAN- TYPICAL SWALE

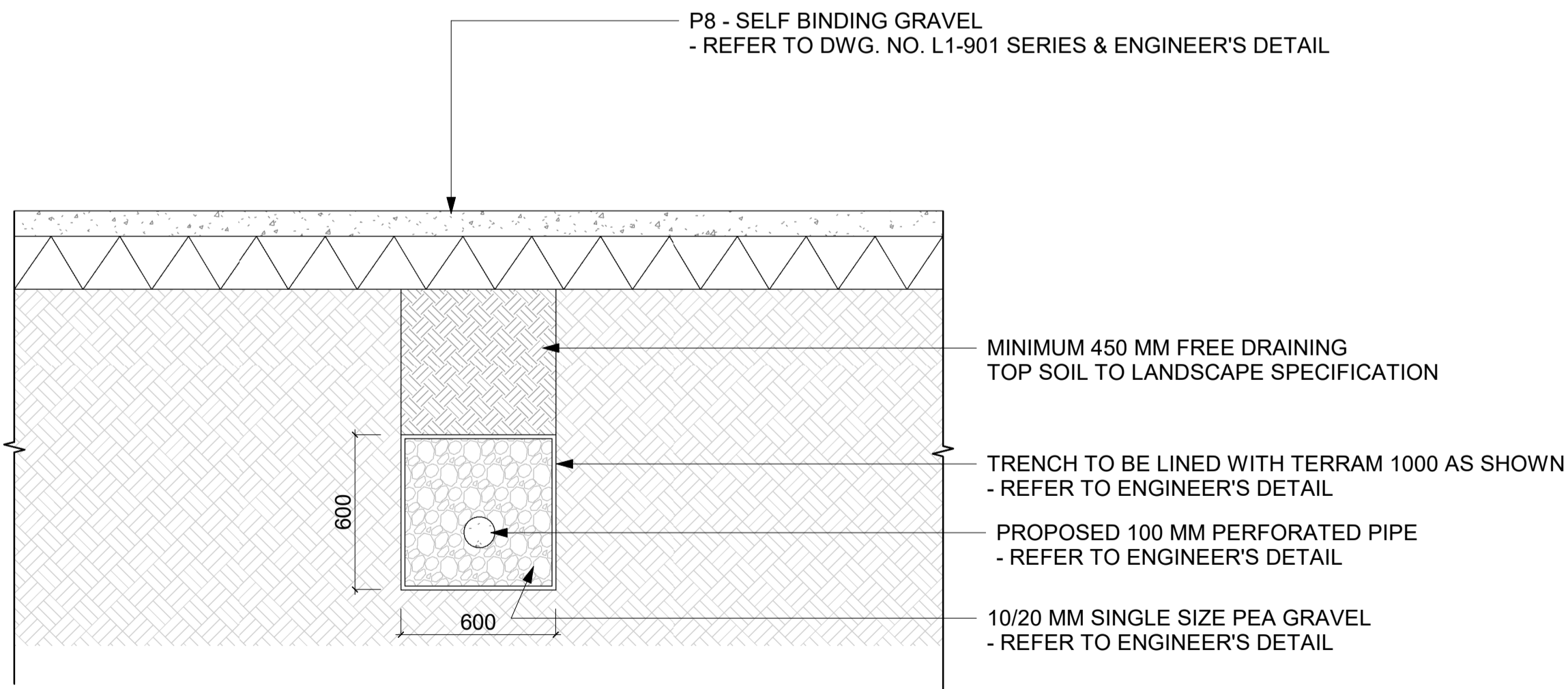


\*IF WATER TABLE IS FOUND TO BE WITHIN 1M OF THE BONE OF TREE PIT  
 - REFER TO ENGINEER'S DETAIL FOR FURTHER INSTRUCTION

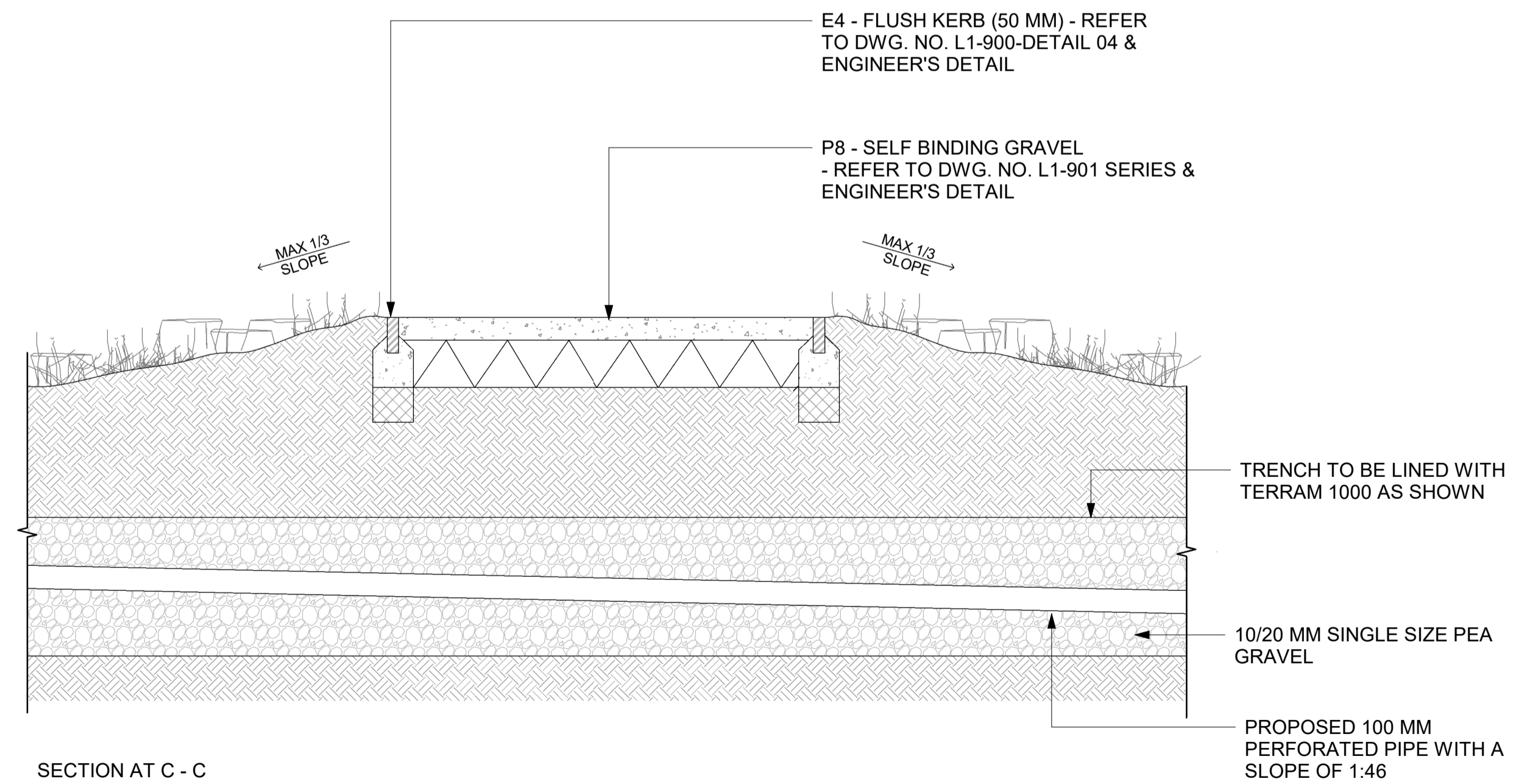
\*IF WATER TABLE FOUND TO BE WITHIN 1M OF BONE OF SWALE, WRAP BASE AND SIDES WITH IMPERMEABLE GOEMEMBRANE

SECTION AT A-A

\*FOR ALL DRAINAGE PIPES  
 - REFER TO ENGINEER'S DETAIL



SECTION AT B - B



SECTION AT C - C

1 TYPICAL SWALE DETAIL - PLAN AND SECTION  
 1:20 @A1


C1 FOR COMPLIANCE 03.2023

REVISIONS			
Job No.	23A2A	Drawn By	KFR
Dwg No.	L1-905-5	Checked By	JM
Scale	1:20 @A1	Date	MARCH 2023

JOB DESCRIPTION	
Site	ADAMSTOWN BOULEVARD
Project	ADAMSTOWN BOULEVARD - COMPLIANCE NO. 15.C.(ii)
Title	TYPICAL SWALE DETAIL