



# MCG

CONSULT

# PARK HIGHETT VILLAGE - COMMUNITY PARK

37 Graham Road  
Highett VIC 3190

Bayside City Council  
Planning and Environment Act 1987  
ENDORSED PLAN  
This plan complies with Condition No.: 13  
Planning Permit: 5/2022/633/1  
Planning Permit issued: 19/5/2023  
Sheet 1 of 13  
Endorsed on: 9/8/2023  
Endorsed by: Tom Corrie

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## Civil Engineering

Project Number  
22024

### DRAWING LIST

Number	Drawing Name
CI-0201	COVER SHEET, DRAWING REGISTER AND LOCALITY PLAN
CI-0202	GENERAL NOTES
CI-0205	EXISTING CONDITIONS AND DEMOLITION PLAN
CI-0210	CIVIL WORKS - GENERAL ARRANGEMENT PLAN
CI-0211	CIVIL WORKS PLAN - SHEET 1
CI-0212	CIVIL WORKS PLAN - SHEET 2
CI-0213	CIVIL WORKS PLAN - SHEET 3
CI-0214	CIVIL WORKS PLAN - SHEET 4
CI-0215	CIVIL WORKS PLAN - SHEET 5
CI-0220	BULK EARTHWORKS PLAN
CI-0225	RETAINING WALL SET OUT & LONGITUDINAL SECTION
CI-0230	STORMWATER LONGITUDINAL SECTION
CI-0235	CIVIL DETAILS - SHEET 1



TENDER ISSUE  
NOT FOR CONSTRUCTION


B TENDER ISSUE	BDL	DMCG	22.06.2023
A PRELIMINARY ISSUE	NH	DMCG	29.03.2023
Revision	By	Appd	Date

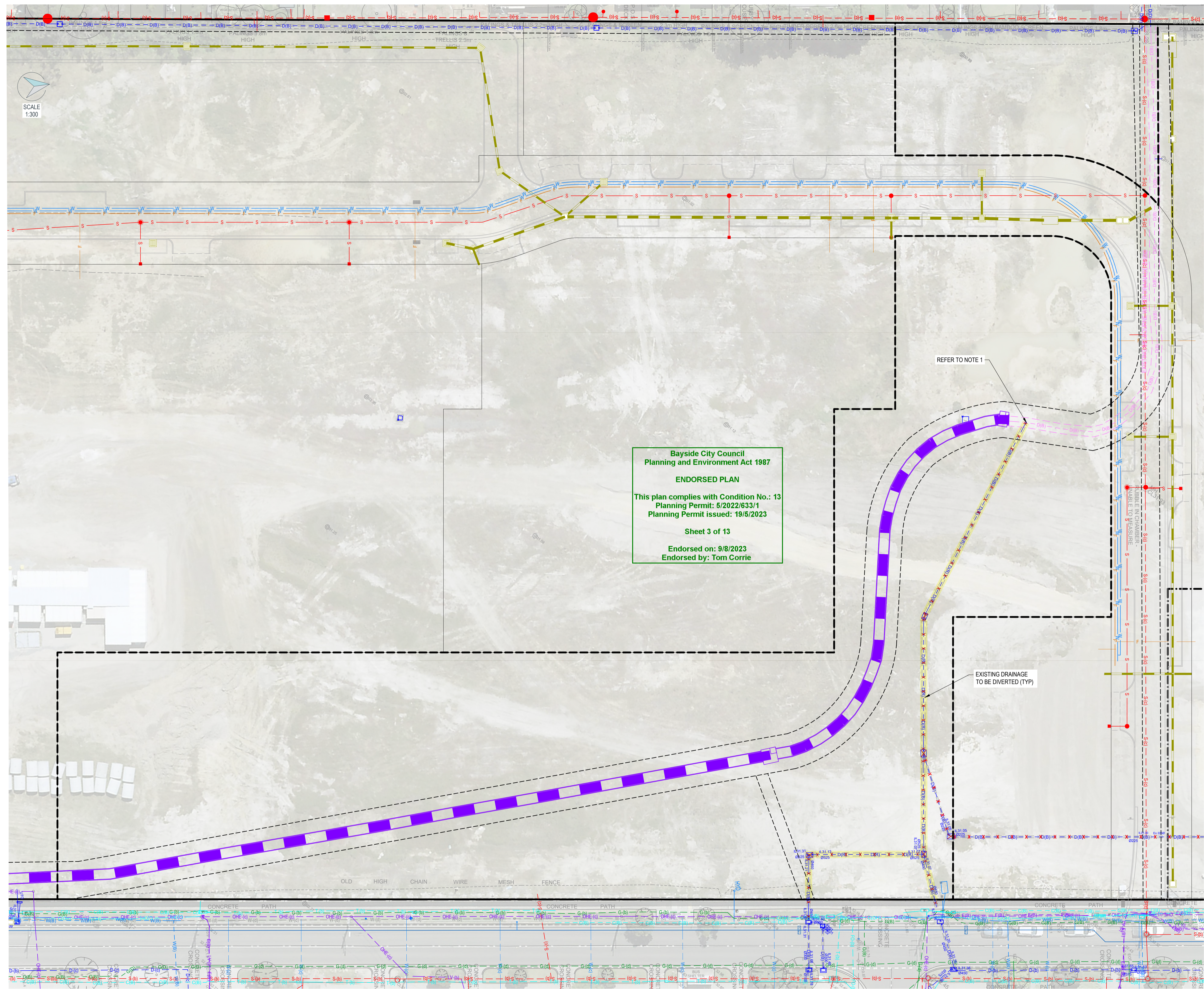
Drawing Title  
COVER SHEET, DRAWING REGISTER AND  
LOCALITY PLAN



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 Sheet 3 of 13  
  
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**LEGEND**

- BOUNDARY STAGE
- EXISTING MELBOURNE WATER DRAINAGE
- EXISTING COUNCIL DRAINAGE
- EXISTING COUNCIL DRAINAGE TO BE DEMOLISHED AND DIVERTED
- MELBOURNE WATER MAIN DRAINAGE DIVERSION (DN1650) AS-CONSTRUCTED LOCATION
- PROPOSED STORMWATER DRAINAGE (EXTERNAL TO COMMUNITY PARK WORKS)
- MELBOURNE WATER EASEMENT
- D --- EXISTING DRAINAGE
- W --- EXISTING WATER
- E --- EXISTING ELECTRICAL
- HV --- EXISTING ELECTRICAL HIGH VOLTAGE
- LV --- EXISTING ELECTRICAL LOW VOLTAGE
- OHE --- EXISTING ELECTRICAL OVERHEAD
- G --- EXISTING GAS
- T --- EXISTING TELECOMMUNICATIONS
- COMM --- EXISTING TELECOMMUNICATIONS
- NBN --- EXISTING NBN
- FO --- EXISTING FIBRE OPTIC
- S --- EXISTING SEWER
- RM --- EXISTING SEWER RISING MAIN
- F --- EXISTING FIRE MAIN

**NOTES**

1. CUT & SEAL EXISTING CONNECTION. PRIOR TO THE COMMENCEMENT OF WORKS ON MELBOURNE WATER'S ASSET, THE CONTRACTOR MUST CONTACT MELBOURNE WATER'S ASSET SERVICES TEAM ON 131 722 FOR APPROVAL TO WORK ON A LIVE ASSET(S). INSPECTIONS WILL BE UNDERTAKEN AT DIFFERENT STAGES OF THE WORKS. THE LETTER OF APPROVAL WILL CONFIRM REQUIREMENTS. PENALTIES APPLY FOR UN-AUTHORISED WORKS. ANY WORKS UNDERTAKEN WITHOUT MELBOURNE WATER APPROVAL WILL BE CONSIDERED ILLEGAL UNDER THE WATER ACT 1989. WORKS CAN ONLY BE PERFORMED BY OUR ELIGIBLE DRAINAGE CONTRACTORS. ALL CONTRACTORS WHO CARRY OUT WORKS ON LIVE ASSETS ARE REQUIRED TO HAVE THE REQUIRED AUTHORITIES TO WORK.



Client  
**Sunkin**

Project Name  
**PARK HIGHETT VILLAGE - COMMUNITY PARK**

Project Location  
**37 Graham Road  
 Highett VIC 3190**

**TENDER ISSUE**  
 NOT FOR CONSTRUCTION

B	TENDER ISSUE	BDL	DMCG	22.06.2023
A	PRELIMINARY ISSUE	NH	DMCG	29.03.2023
Revision		By	Appd	Date

Drawing Title  
**EXISTING CONDITIONS AND DEMOLITION PLAN**

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**LEGEND**

- EXISTING MELBOURNE WATER DRAINAGE
  - EXISTING COUNCIL DRAINAGE
  - PROPOSED STORMWATER DRAINAGE (EXTERNAL TO COMMUNITY PARK WORKS)
  - MELBOURNE WATER MAIN DRAINAGE DIVERSION (DN1650) AS-CONSTRUCTED LOCATION
  - PROPOSED SUBSOIL DRAINAGE
  - PROPOSED DN225 PIPE FOR SUBSOIL DRAINAGE
  - PROPOSED STORMWATER DRAINAGE
  - 30.0 PROPOSED DESIGN SURFACE CONTOUR
  - PROPOSED RETAINING WALL / FLOOD BARRIER ALONG GRAHAM ROAD (REFER TO DRG. CI-0225 FOR FURTHER DETAIL)
  - PROPOSED TREE
  - PROPOSED GARDEN LANDSCAPE
  - PROPOSED LAWN / GRASS
  - PROPOSED CONCRETE PATH
  - PROPOSED EXPOSED AGGREGATE CONCRETE PATH
  - PROPOSED RUBBER SOFTFALL / SOFTFALL MULCH
- REFER TO LANDSCAPE ARCHITECT DOCUMENTATION FOR DETAILS

**NOTE:**

1. ALL EXISTING DRAINAGE PITS WITHIN THE COMMUNITY PARK EXTENT TO BE ADJUSTED TO DESIGN LEVELS UNLESS OTHERWISE NOTED.



Client  
**Sunkin**

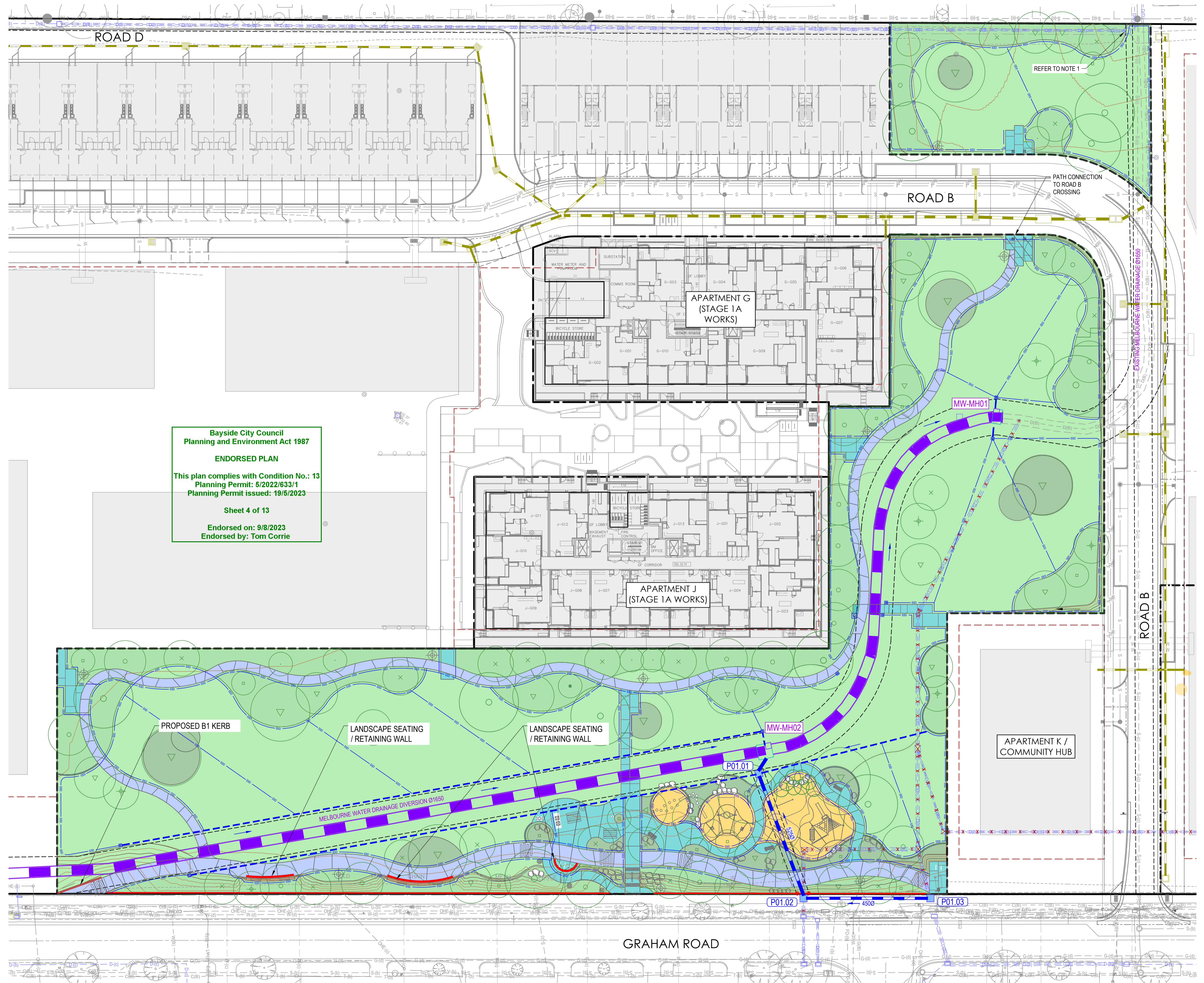
Project Name  
**PARK HIGHTH VILLAGE - COMMUNITY PARK**

Project Location  
**37 Graham Road  
 Hightth VIC 3190**

**TENDER ISSUE**  
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C	TENDER ISSUE	BDL	DMCG	22.06.2023
B	PRELIMINARY ISSUE	BDL	DMCG	31.03.2023
A	PRELIMINARY ISSUE	NH	DMCG	29.03.2023
Revision		By	Appd	Date

Drawing Title  
**CIVIL WORKS  
 GENERAL ARRANGEMENT PLAN**



**Bayside City Council  
 Planning and Environment Act 1987**

**ENDORSED PLAN**

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Sheet 4 of 13

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SCALE  
1:100

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  - PROPOSED SUBSOIL DRAINAGE
  - PROPOSED DN225 PIPE FOR SUBSOIL DRAINAGE
  - PROPOSED STORMWATER DRAINAGE
  - PROPOSED DESIGN SURFACE CONTOUR
  - EX32.450 EXISTING SPOT HEIGHT LEVEL
  - XRL32.450 EXTERNAL DESIGN SPOT HEIGHT LEVEL
  - XRL31.810 PROPOSED DESIGN SPOT HEIGHT LEVEL
  - 1:20 PROPOSED DESIGN SURFACE GRADIENT
  - PROPOSED RETAINING WALL / FLOOD BARRIER ALONG GRAHAM ROAD (REFER TO DRG. CI-0225 FOR FURTHER DETAIL)
  - PROPOSED TREE
  - PROPOSED GARDEN LANDSCAPE
  - PROPOSED LAWN / GRASS
  - PROPOSED CONCRETE PATH
  - PROPOSED EXPOSED AGGREGATE CONCRETE PATH
  - PROPOSED RUBBER SOFTFALL / SOFTFALL MULCH
- REFER TO LANDSCAPE ARCHITECT DOCUMENTATION FOR DETAILS

### NOTE:

- ALL EXISTING DRAINAGE PITS WITHIN THE COMMUNITY PARK EXTENT TO BE ADJUSTED TO DESIGN LEVELS UNLESS OTHERWISE NOTED.



Client  
**Sunkin**

Project Name  
**PARK HIGHTT VILLAGE - COMMUNITY PARK**

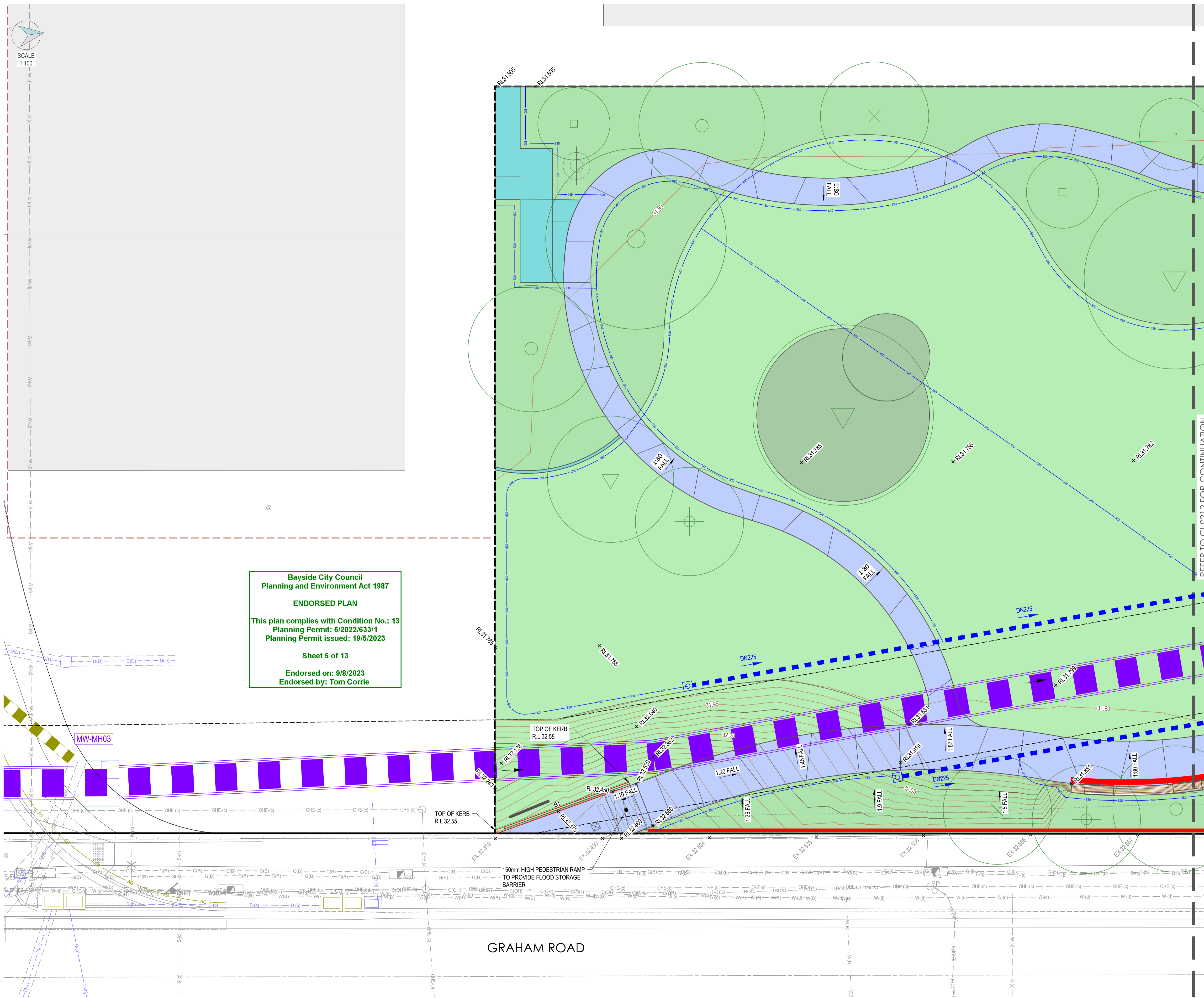
Project Location  
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B	TENDER ISSUE	BDL	DMCG	22.06.2023
A	PRELIMINARY ISSUE	NH	DMCG	29.03.2023
Revision		By	Appd	Date

Drawing Title  
**CIVIL WORKS PLAN  
SHEET 1**

<b>22024</b>	<b>CI-0211</b>	<b>B</b>
Project Number	Drawing Number	Revision



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Sheet 5 of 13

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1:100  
1 0 1 2 3 4 5 A1  
1200 A3



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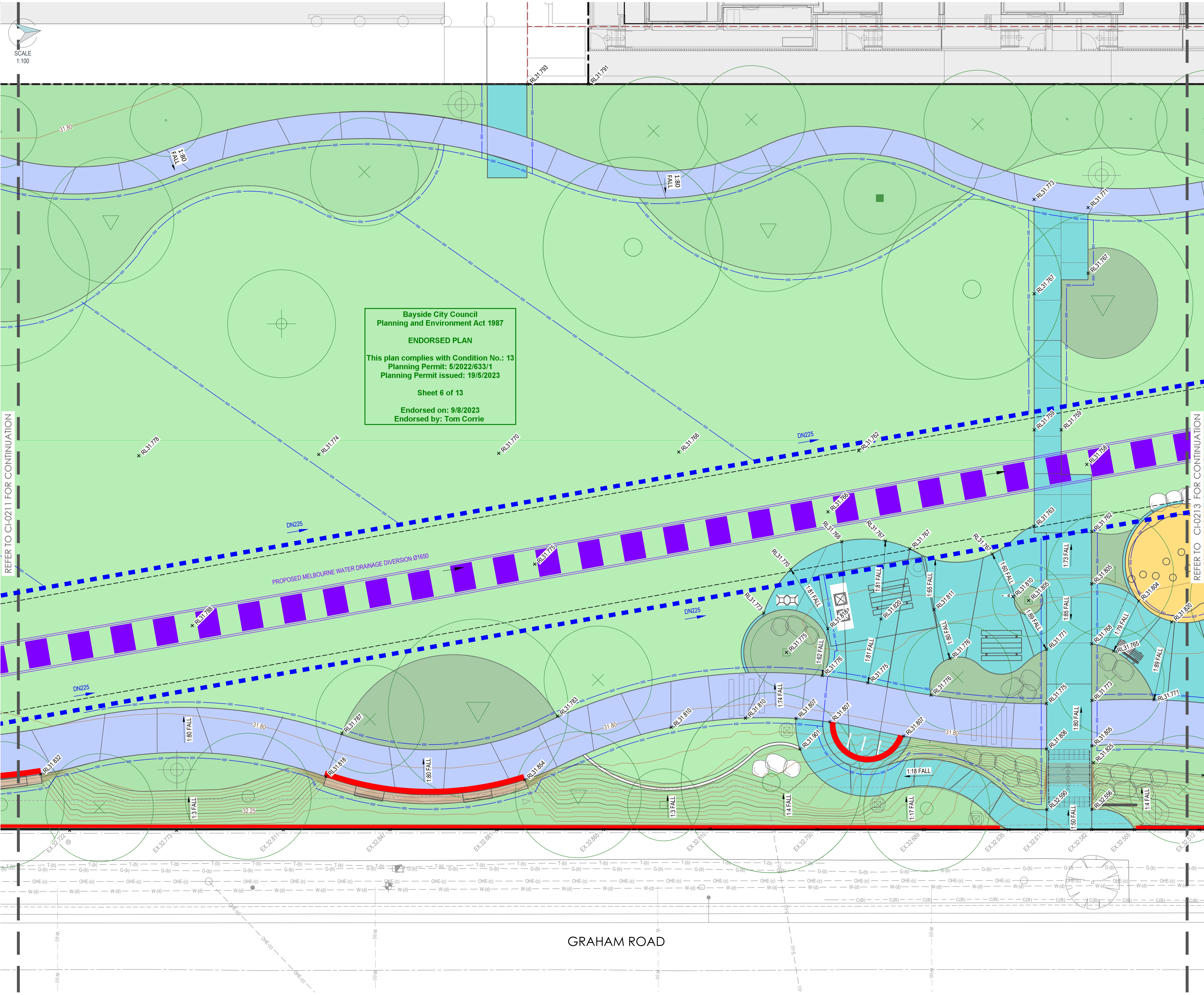
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REFER TO CI-0211 FOR CONTINUATION

REFER TO CI-0213 FOR CONTINUATION



**LEGEND**

- EXISTING MELBOURNE WATER DRAINAGE
  - EXISTING COUNCIL DRAINAGE
  - PROPOSED STORMWATER DRAINAGE (EXTERNAL TO COMMUNITY PARK WORKS)
  - MELBOURNE WATER MAIN DRAINAGE DIVERSION (DN1650) AS-CONSTRUCTED LOCATION
  - PROPOSED SUBSOIL DRAINAGE
  - PROPOSED DN225 PIPE FOR SUBSOIL DRAINAGE
  - PROPOSED STORMWATER DRAINAGE
  - 30.0 PROPOSED DESIGN SURFACE CONTOUR
  - EXISTING SPOT HEIGHT LEVEL
  - EXTERNAL DESIGN SPOT HEIGHT LEVEL
  - PROPOSED DESIGN SPOT HEIGHT LEVEL
  - PROPOSED DESIGN SURFACE GRADIENT
  - PROPOSED RETAINING WALL / FLOOD BARRIER ALONG GRAHAM ROAD (REFER TO DRG. CI-0225 FOR FURTHER DETAIL)
  - PROPOSED TREE
  - PROPOSED GARDEN LANDSCAPE
  - PROPOSED LAWN / GRASS
  - PROPOSED CONCRETE PATH
  - PROPOSED EXPOSED AGGREGATE CONCRETE PATH
  - PROPOSED RUBBER SOFTFALL / SOFTFALL MULCH
- REFER TO LANDSCAPE ARCHITECT DOCUMENTATION FOR DETAILS

**NOTE:**

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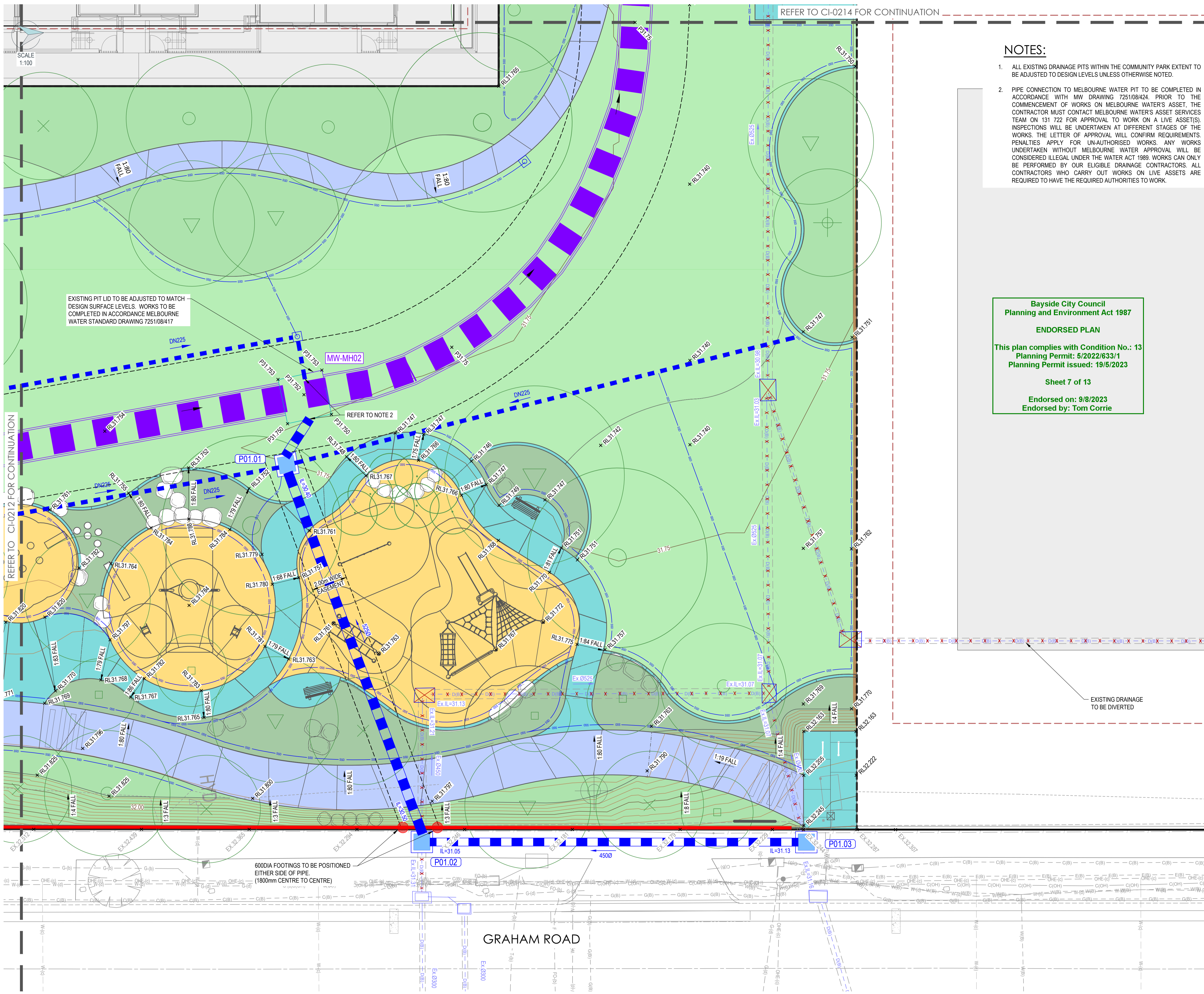
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Drawing Title  
**CIVIL WORKS PLAN SHEET 2**

GRAHAM ROAD



REFER TO CI-0214 FOR CONTINUATION

SCALE  
1:100

EXISTING PIT LID TO BE ADJUSTED TO MATCH DESIGN SURFACE LEVELS. WORKS TO BE COMPLETED IN ACCORDANCE MELBOURNE WATER STANDARD DRAWING 7251/08/417

REFER TO CI-0212 FOR CONTINUATION

600DIA FOOTINGS TO BE POSITIONED EITHER SIDE OF PIPE (1800mm CENTRE TO CENTRE)

GRAHAM ROAD

1:100  
1 0 1 2 3 4 5 A1  
1200 A3

**NOTES:**

- ALL EXISTING DRAINAGE PITS WITHIN THE COMMUNITY PARK EXTENT TO BE ADJUSTED TO DESIGN LEVELS UNLESS OTHERWISE NOTED.
- PIPE CONNECTION TO MELBOURNE WATER PIT TO BE COMPLETED IN ACCORDANCE WITH MW DRAWING 7251/08/424. PRIOR TO THE COMMENCEMENT OF WORKS ON MELBOURNE WATER'S ASSET, THE CONTRACTOR MUST CONTACT MELBOURNE WATER'S ASSET SERVICES TEAM ON 131 722 FOR APPROVAL TO WORK ON A LIVE ASSET(S). INSPECTIONS WILL BE UNDERTAKEN AT DIFFERENT STAGES OF THE WORKS. THE LETTER OF APPROVAL WILL CONFIRM REQUIREMENTS. PENALTIES APPLY FOR UN-AUTHORISED WORKS. ANY WORKS UNDERTAKEN WITHOUT MELBOURNE WATER APPROVAL WILL BE CONSIDERED ILLEGAL UNDER THE WATER ACT 1989. WORKS CAN ONLY BE PERFORMED BY OUR ELIGIBLE DRAINAGE CONTRACTORS. ALL CONTRACTORS WHO CARRY OUT WORKS ON LIVE ASSETS ARE REQUIRED TO HAVE THE REQUIRED AUTHORITIES TO WORK.

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Sheet 7 of 13

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**LEGEND**

- EXISTING MELBOURNE WATER DRAINAGE
  - EXISTING COUNCIL DRAINAGE
  - PROPOSED STORMWATER DRAINAGE (EXTERNAL TO COMMUNITY PARK WORKS)
  - MELBOURNE WATER MAIN DRAINAGE DIVERSION (DN1650) AS-CONSTRUCTED LOCATION
  - PROPOSED SUBSOIL DRAINAGE
  - PROPOSED DN225 PIPE FOR SUBSOIL DRAINAGE
  - PROPOSED STORMWATER DRAINAGE
  - 30.0 PROPOSED DESIGN SURFACE CONTOUR
  - EXISTING SPOT HEIGHT LEVEL
  - EXTERNAL DESIGN SPOT HEIGHT LEVEL
  - PROPOSED DESIGN SPOT HEIGHT LEVEL
  - PROPOSED DESIGN SURFACE GRADIENT
  - PROPOSED RETAINING WALL / FLOOD BARRIER ALONG GRAHAM ROAD (REFER TO DRG. CI-0225 FOR FURTHER DETAIL)
  - PROPOSED TREE
  - PROPOSED GARDEN LANDSCAPE
  - PROPOSED LAWN / GRASS
  - PROPOSED CONCRETE PATH
  - PROPOSED EXPOSED AGGREGATE CONCRETE PATH
  - PROPOSED RUBBER SOFTFALL / SOFTFALL MULCH
- REFER TO LANDSCAPE ARCHITECT DOCUMENTATION FOR DETAILS



Client  
**Sunkin**

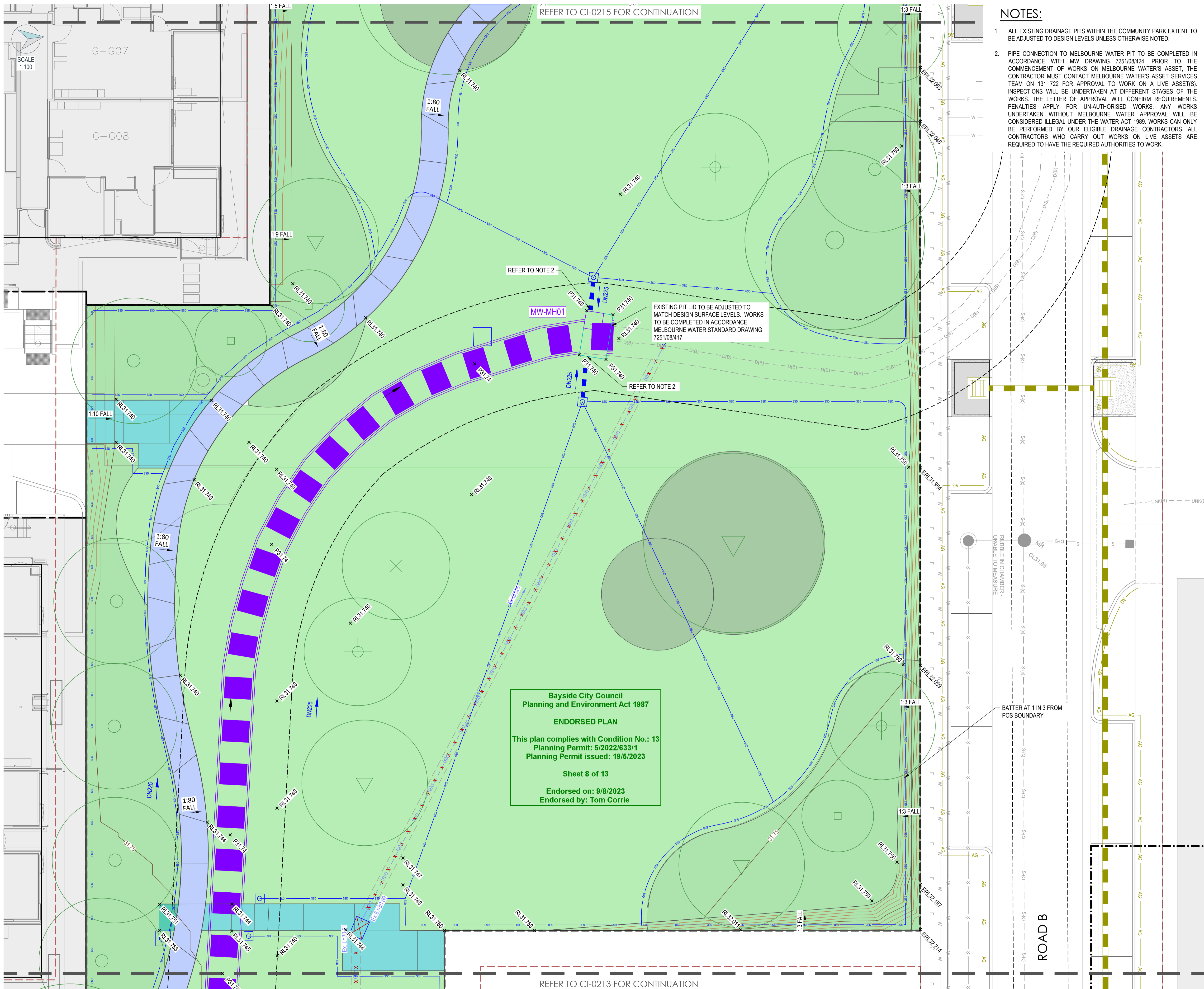
Project Name  
**PARK HIGHTT VILLAGE - COMMUNITY PARK**

Project Location  
**37 Graham Road  
Hightt VIC 3190**

**TENDER ISSUE**  
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B	TENDER ISSUE	BDL	DMCG	22.06.2023
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Drawing Title  
**CIVIL WORKS PLAN SHEET 3**



**NOTES:**

1. ALL EXISTING DRAINAGE PITS WITHIN THE COMMUNITY PARK EXTENT TO BE ADJUSTED TO DESIGN LEVELS UNLESS OTHERWISE NOTED.
2. PIPE CONNECTION TO MELBOURNE WATER PIT TO BE COMPLETED IN ACCORDANCE WITH MW DRAWING 7251/08/424. PRIOR TO THE COMMENCEMENT OF WORKS ON MELBOURNE WATER'S ASSET, THE CONTRACTOR MUST CONTACT MELBOURNE WATER'S ASSET SERVICES TEAM ON 131 722 FOR APPROVAL TO WORK ON A LIVE ASSET(S). INSPECTIONS WILL BE UNDERTAKEN AT DIFFERENT STAGES OF THE WORKS. THE LETTER OF APPROVAL WILL CONFIRM REQUIREMENTS. PENALTIES APPLY FOR UN-AUTHORISED WORKS. ANY WORKS UNDERTAKEN WITHOUT MELBOURNE WATER APPROVAL WILL BE CONSIDERED ILLEGAL UNDER THE WATER ACT 1988. WORKS CAN ONLY BE PERFORMED BY OUR ELIGIBLE DRAINAGE CONTRACTORS. ALL CONTRACTORS WHO CARRY OUT WORKS ON LIVE ASSETS ARE REQUIRED TO HAVE THE REQUIRED AUTHORITIES TO WORK.



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**LEGEND**

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  - EXISTING COUNCIL DRAINAGE
  - PROPOSED STORMWATER DRAINAGE (EXTERNAL TO COMMUNITY PARK WORKS)
  - MELBOURNE WATER MAIN DRAINAGE DIVERSION (DN1650) AS-CONSTRUCTED LOCATION
  - PROPOSED SUBSOIL DRAINAGE
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  - 30.0 PROPOSED DESIGN SURFACE CONTOUR
  - EX32.450 EXISTING SPOT HEIGHT LEVEL
  - ERL32.450 EXTERNAL DESIGN SPOT HEIGHT LEVEL
  - RL31.810 PROPOSED DESIGN SPOT HEIGHT LEVEL
  - 1:20 PROPOSED DESIGN SURFACE GRADIENT
  - PROPOSED RETAINING WALL / FLOOD BARRIER ALONG GRAHAM ROAD (REFER TO DRG. CI-0225 FOR FURTHER DETAIL)
  - PROPOSED TREE
  - PROPOSED GARDEN LANDSCAPE
  - PROPOSED LAWN / GRASS
  - PROPOSED CONCRETE PATH
  - PROPOSED EXPOSED AGGREGATE CONCRETE PATH
  - PROPOSED RUBBER SOFTFALL / SOFTFALL MULCH
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Client  
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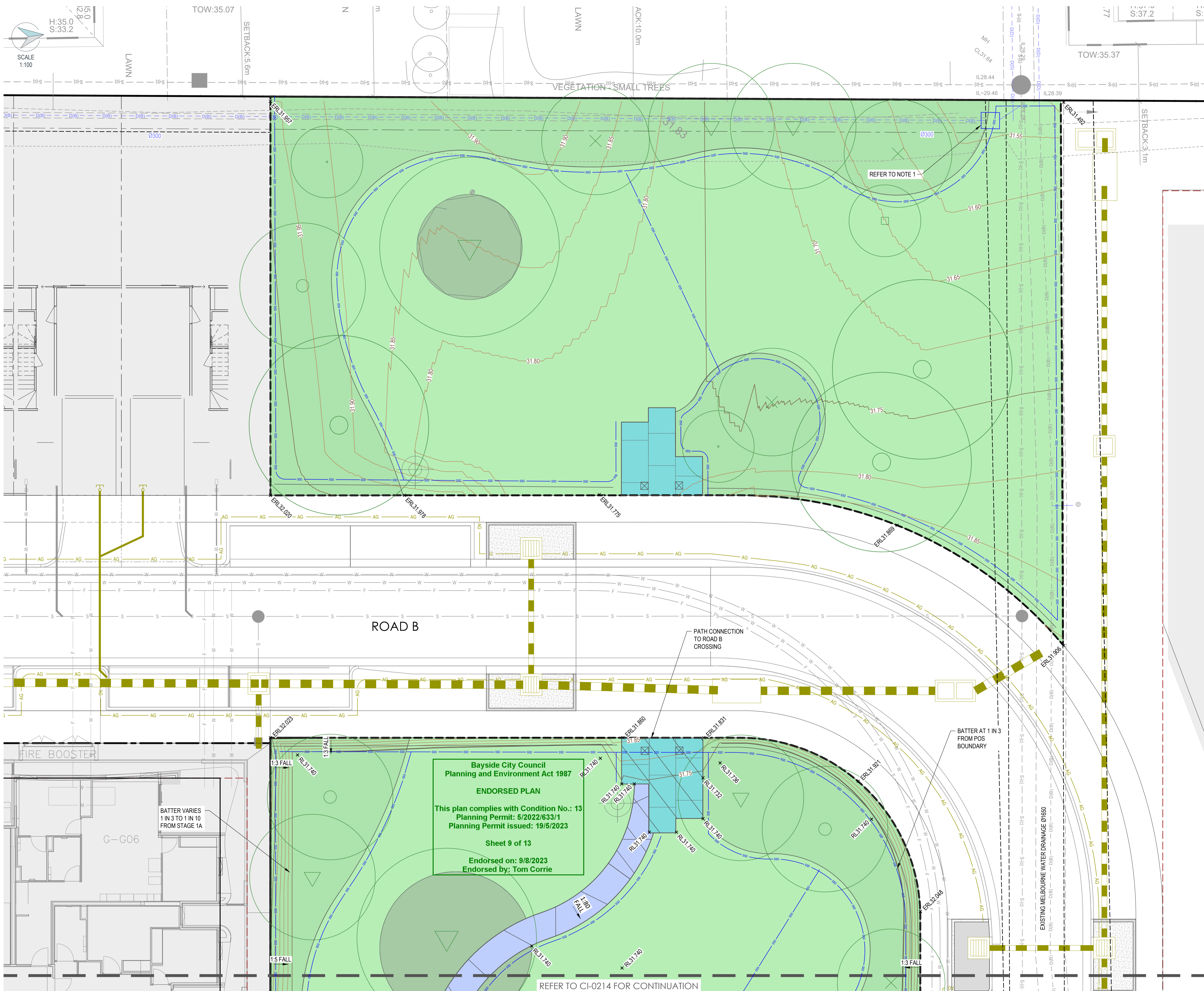
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Drawing Title  
**CIVIL WORKS PLAN SHEET 4**





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- LEGEND**
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  - PROPOSED DN225 PIPE FOR SUBSOIL DRAINAGE
  - PROPOSED STORMWATER DRAINAGE
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  - EX32.450 EXISTING SPOT HEIGHT LEVEL
  - ERL32.450 EXTERNAL DESIGN SPOT HEIGHT LEVEL
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- NOTE:**
- ALL EXISTING DRAINAGE PITS WITHIN THE COMMUNITY PARK EXTENT TO BE ADJUSTED TO DESIGN LEVELS UNLESS OTHERWISE NOTED.



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**Sunkin**

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Drawing Title  
**CIVIL WORKS PLAN SHEET 5**

BULK EARTHWORKS			
I.D	MIN. ELEVATION	MAX. ELEVATION	COLOUR
1	-1.000m	-0.900m	█
2	-0.900m	-0.800m	█
3	-0.800m	-0.700m	█
4	-0.700m	-0.600m	█
5	-0.600m	-0.500m	█
6	-0.500m	-0.400m	█
7	-0.400m	-0.300m	█
8	-0.300m	-0.200m	█
9	-0.200m	-0.100m	█
10	-0.100m	0.000m	█
11	0.000m	0.100m	█
12	0.100m	0.200m	█
13	0.200m	0.300m	█
14	0.300m	0.400m	█
15	0.400m	0.500m	█
16	0.500m	0.600m	█
17	0.600m	0.700m	█
18	0.700m	0.800m	█
19	0.800m	0.900m	█
20	0.900m	1.000m	█
21	1.000m	1.100m	█
22	1.100m	1.200m	█
23	1.200m	1.300m	█

**NOTES:**

- BULK EARTHWORK HEIGHT SHADING HAS BEEN CALCULATED FROM EXISTING FEATURE SURVEY (TAYLORS SURVEY 20878-D2(03)) WHICH MAY NOT MATCH CURRENT SITE CONDITIONS, TO AN APPROXIMATE DESIGN BENCHING SURFACE ONLY. BENCHING SURFACE HAS BEEN ASSUMED AT AN AVERAGE OF 150mm BELOW DESIGN SURFACE FOR THE PURPOSES APPROX. CUT/FILL HEIGHTS.
- NO EXISTING SURFACE STRIPPING OR BULKING FACTORS HAVE BEEN APPLIED.

**CONTRACTOR TO DEDUCE THEIR OWN EARTHWORKS VOLUMES BASED ON THE CIVIL DOCUMENTATION AND 3D TIN (CAD) DESIGN SURFACE PROVIDED**

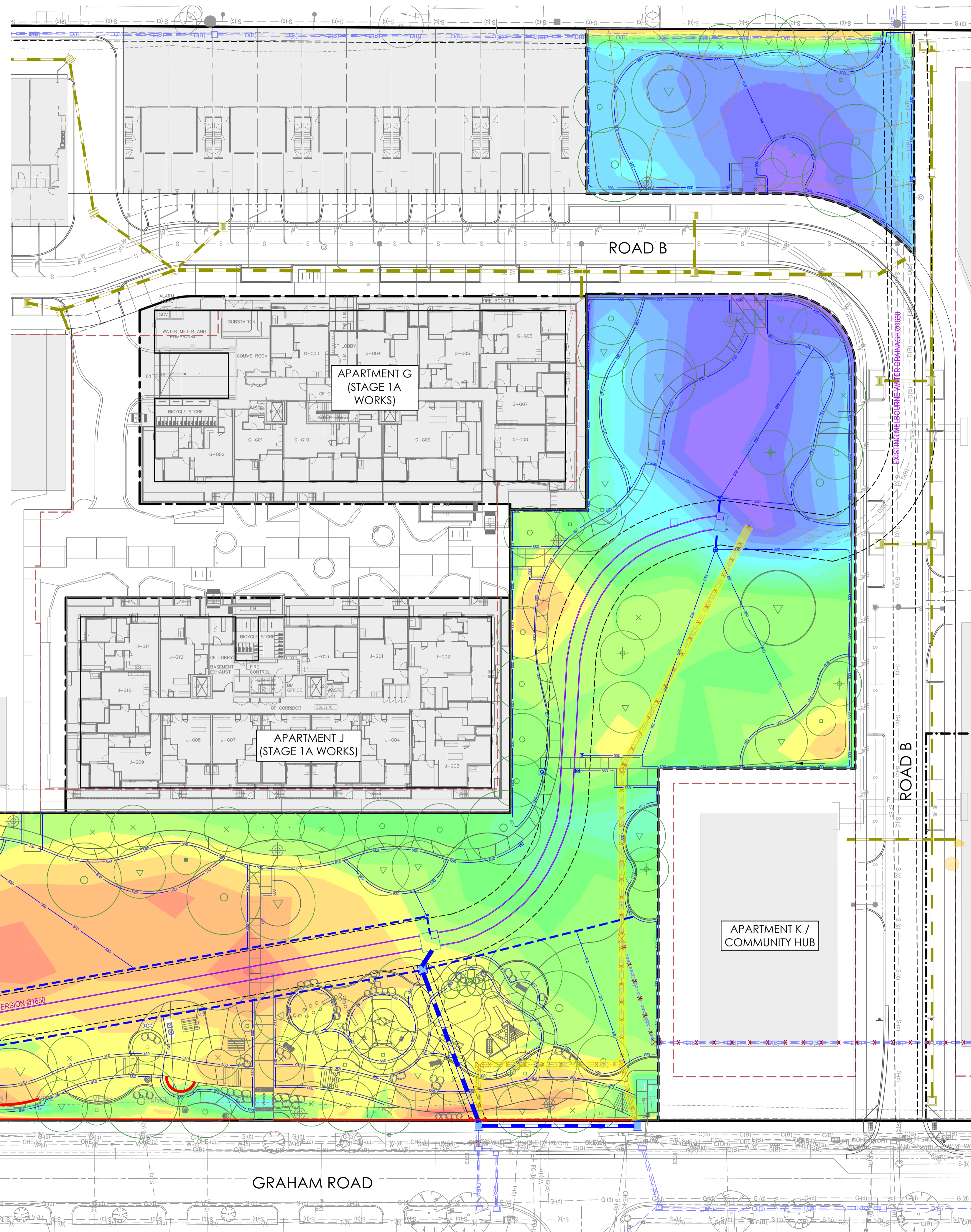
**Bayside City Council  
Planning and Environment Act 1987**

**ENDORSED PLAN**

This plan complies with Condition No.: 13  
Planning Permit: 5/2022/633/1  
Planning Permit issued: 19/5/2023

Sheet 10 of 13

Endorsed on: 9/8/2023  
Endorsed by: Tom Corrie



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**LEGEND**

- (D)(B)---(D)(B)--- EXISTING MELBOURNE WATER DRAINAGE
- (D)(B)---(D)(B)--- EXISTING COUNCIL DRAINAGE
- (D)(B)---(D)(B)--- PROPOSED STORMWATER DRAINAGE (EXTERNAL TO COMMUNITY PARK WORKS)
- (D)(B)---(D)(B)--- MELBOURNE WATER MAIN DRAINAGE DIVERSION (DN1650) AS-CONSTRUCTED LOCATION
- (D)(B)---(D)(B)--- PROPOSED SUBSOIL DRAINAGE
- (D)(B)---(D)(B)--- PROPOSED STORMWATER DRAINAGE
- (D)(B)---(D)(B)--- PROPOSED DESIGN SURFACE CONTOUR
- (D)(B)---(D)(B)--- PROPOSED RETAINING WALL / FLOOD BARRIER ALONG GRAHAM ROAD (REFER TO DRG. CI-0225 FOR FURTHER DETAIL)
- PROPOSED TREE



Client  
**Sunkin**

Project Name  
**PARK HIGHTH VILLAGE - COMMUNITY PARK**

Project Location  
**37 Graham Road  
Highett VIC 3190**

**TENDER ISSUE**  
NOT FOR CONSTRUCTION

B TENDER ISSUE	BDL	DMCG	22.06.2023
A PRELIMINARY ISSUE	NH	DMCG	29.03.2023
Revision		By	Appcd
			Date

Drawing Title  
**BULK EARTHWORKS PLAN**

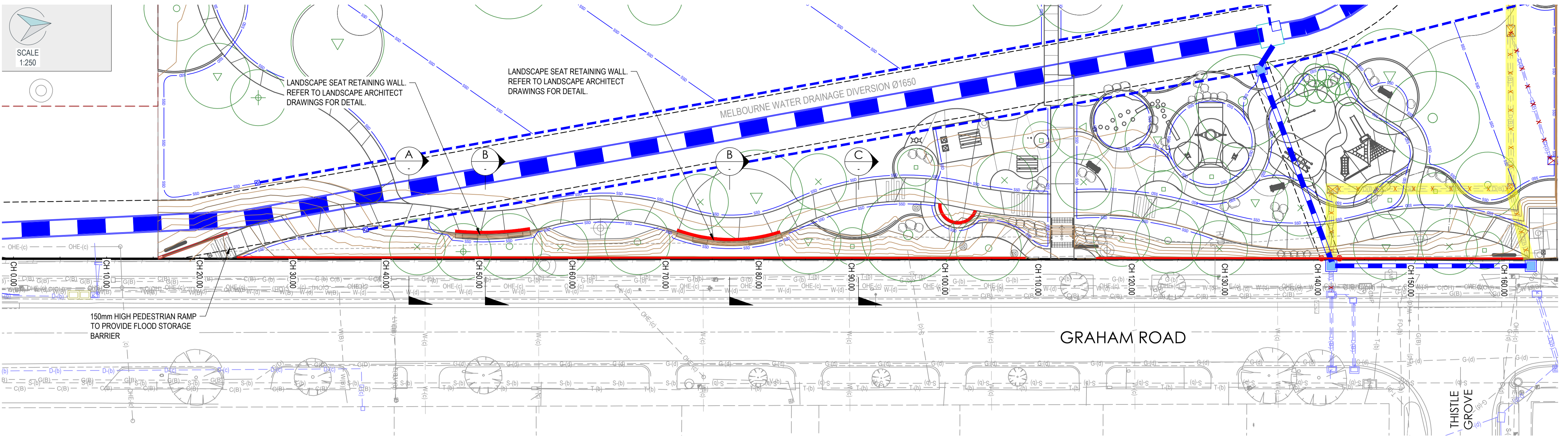




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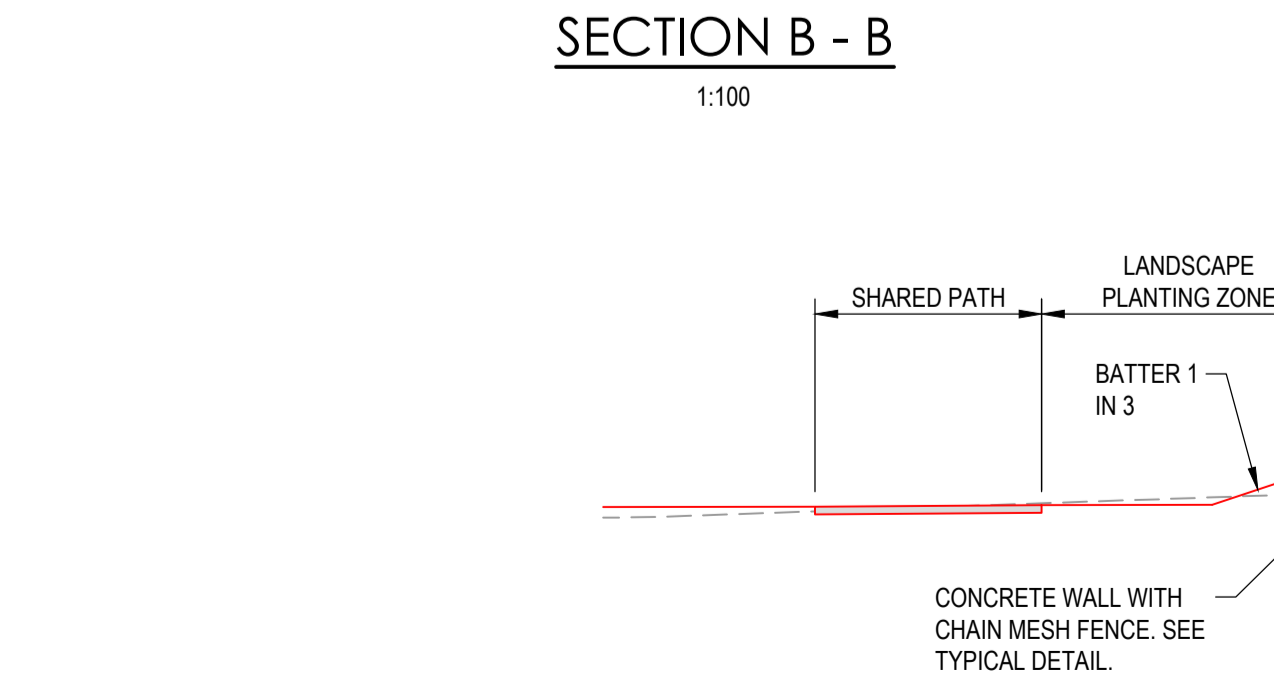
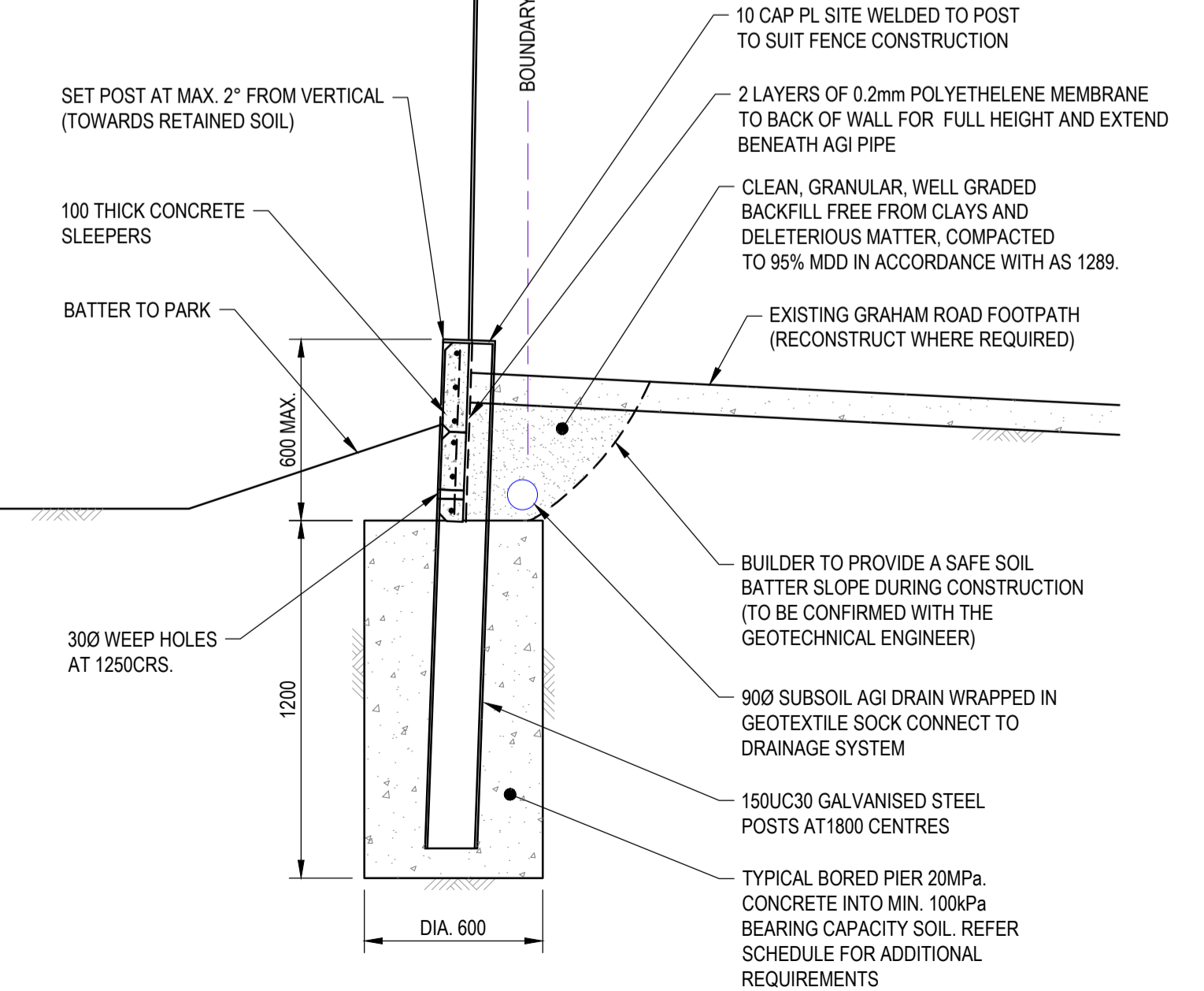
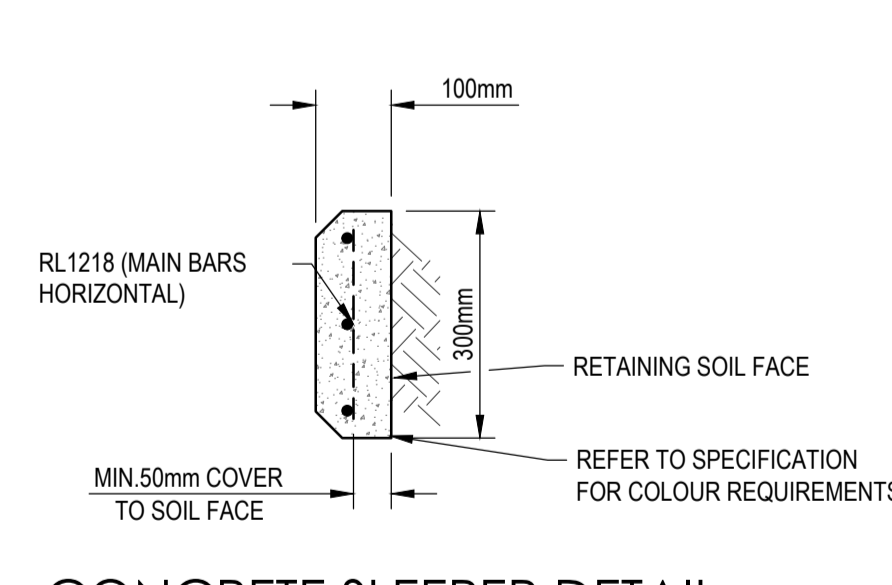
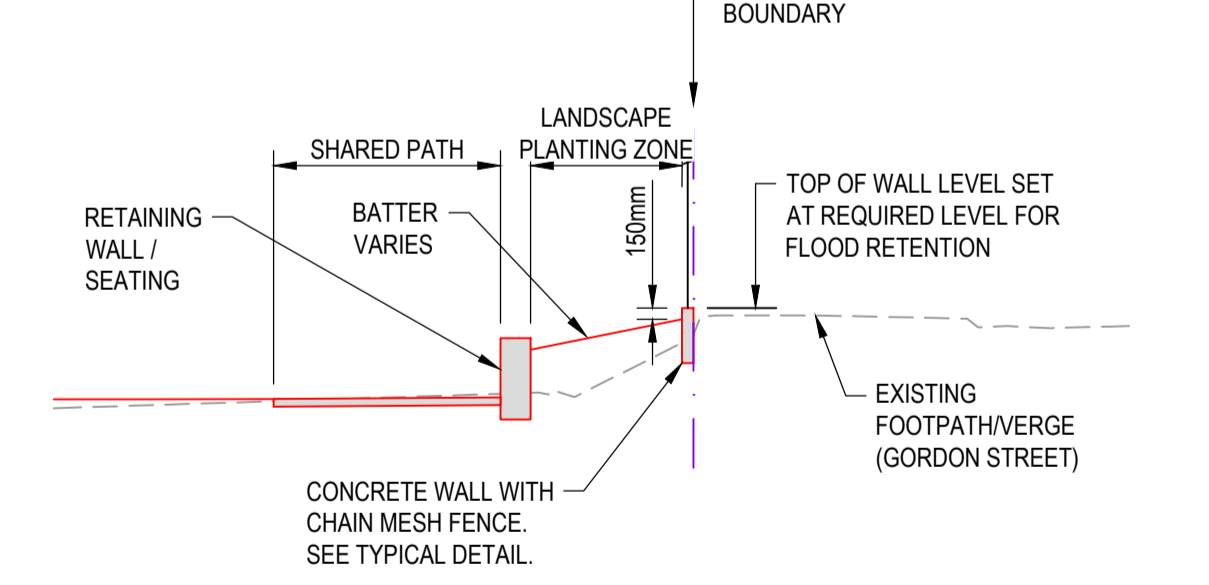
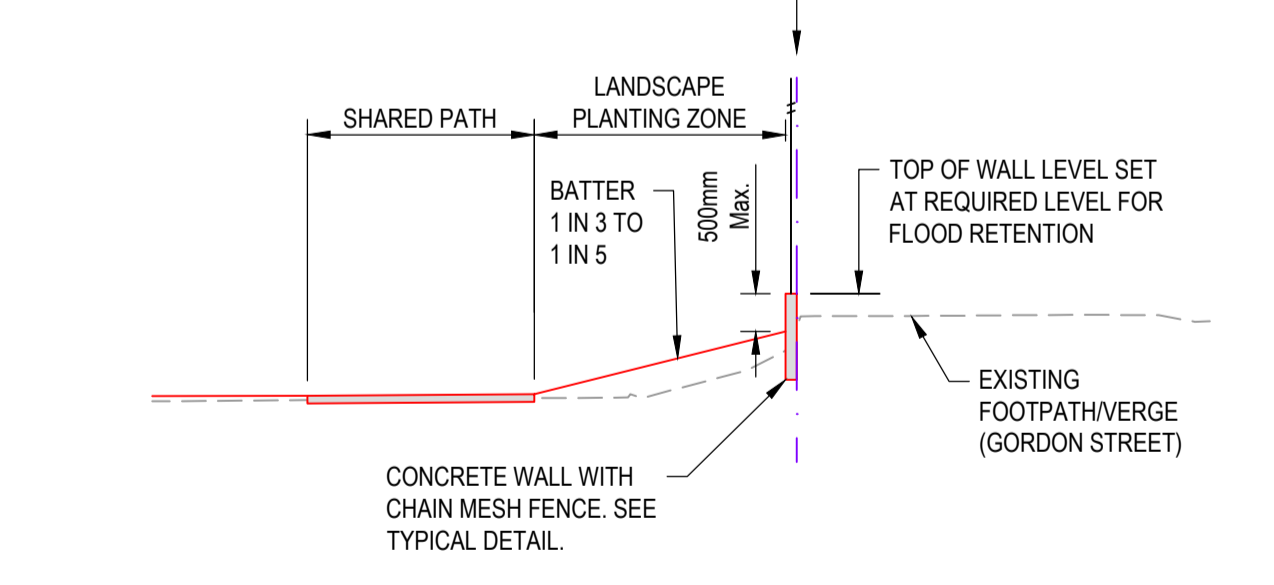
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- LEGEND**
- EXISTING COUNCIL DRAINAGE
  - EXISTING COUNCIL DRAINAGE (PITS AND PIPES) TO BE RECONSTRUCTED TO MINIMUM COVER LEVELS
  - PROPOSED STORMWATER DRAINAGE (EXTERNAL TO COMMUNITY PARK WORKS)
  - PROPOSED STORMWATER DRAINAGE (EXTERNAL TO COMMUNITY PARK WORKS)
  - PROPOSED SURFACE CONTOUR
  - PROPOSED SPOT HEIGHT LEVEL
  - PROPOSED SURFACE DRAINAGE
  - PROPOSED SUBSOIL DRAINAGE
  - PROPOSED TREE
  - PROPOSED RETAINING WALL / FLOOD BARRIER ALONG GRAHAM ROAD

CHAINAGE	TOP OF WALL	TOP OF PARK BATTER (PARK)	EXISTING SURFACE	DEPTH (TOP OF WALL TO BATTER)
0.000	32.370	32.220	32.262	0.150
5.000	32.380	32.230	32.334	0.150
10.000	32.390	32.240	32.424	0.150
15.000	32.390	32.240	32.390	0.017
20.000	32.413	32.250	32.413	0.000
25.000	32.426	32.260	32.451	0.000
30.000	32.462	32.416	32.464	0.247
35.000	32.718	32.319	32.501	0.399
40.000	32.753	32.335	32.475	0.418
45.000	32.788	32.351	32.516	0.437
50.000	32.823	32.367	32.597	0.455
55.000	32.861	32.384	32.635	0.478
60.000	32.900	32.400	32.675	0.500
65.000	32.940	32.440	32.719	0.500
70.000	32.979	32.479	32.765	0.500
75.000	32.997	32.497	32.790	0.500
80.000	32.991	32.491	32.636	0.500
85.000	32.886	32.466	32.659	0.500
90.000	32.981	32.481	32.697	0.500
95.000	32.951	32.455	32.698	0.495
100.000	32.896	32.450	32.654	0.465
105.000	32.841	32.435	32.598	0.405
110.000	32.824	32.424	32.596	0.210
115.000	32.862	32.462	32.570	0.184
120.000	32.868	32.468	32.511	0.279
125.000	32.897	32.494	32.448	0.303
130.000	32.547	32.279	32.387	0.268
135.000	32.547	32.279	32.328	0.316
140.000	32.441	32.178	32.275	0.263
145.000	32.391	32.178	32.233	0.213
150.000	32.340	32.179	32.179	0.163
155.000	32.315	32.165	32.189	0.150
160.000	32.296	32.226	32.226	0.150
165.000	32.255	32.255	32.238	0.150
165.000	32.255	32.255	32.255	0.000

**GRAHAM ROAD RETAINING WALL - LONGITUDINAL SECTION**



**Bayside City Council  
Planning and Environment Act 1987**

**ENDORSED PLAN**

This plan complies with Condition No. 13  
Planning Permit: 5/2022/633/1  
Planning Permit issued: 19/5/2023

Sheet 11 of 13

Endorsed on: 9/8/2023  
Endorsed by: Tom Corrie



Client  
**Sunkin**

Project Name  
**PARK HIGHTH VILLAGE - COMMUNITY PARK**

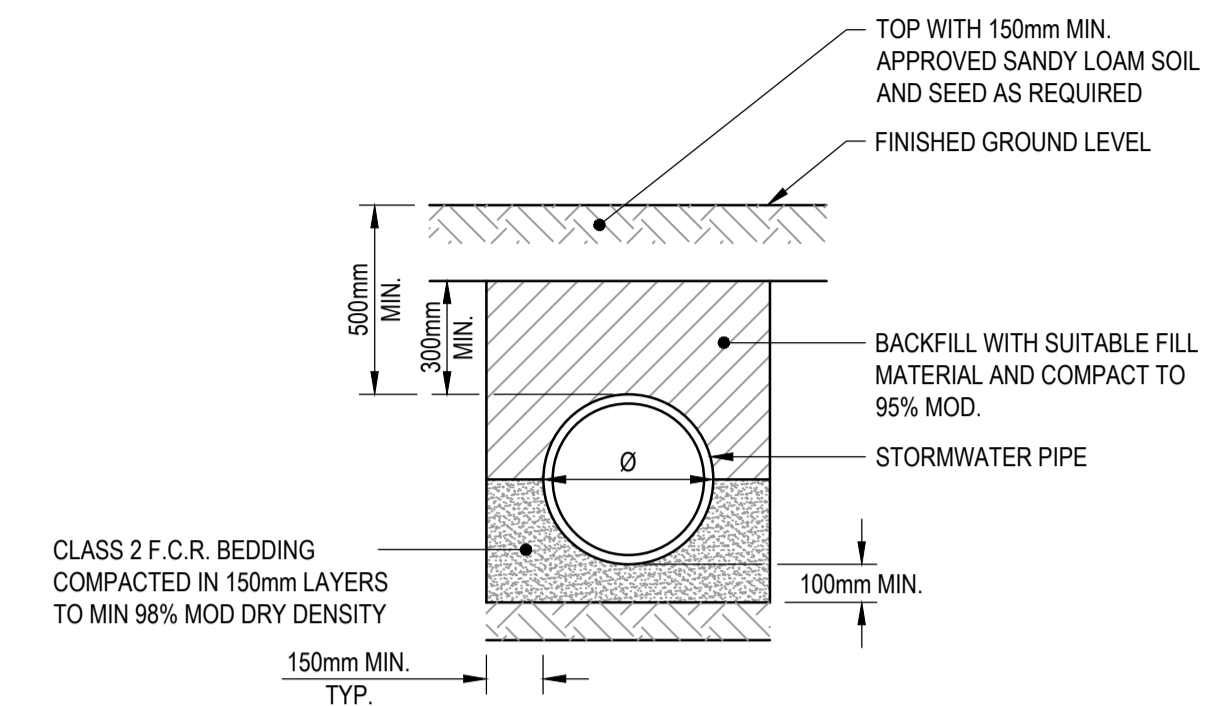
Project Location  
**37 Graham Road  
Highett VIC 3190**

**TENDER ISSUE**  
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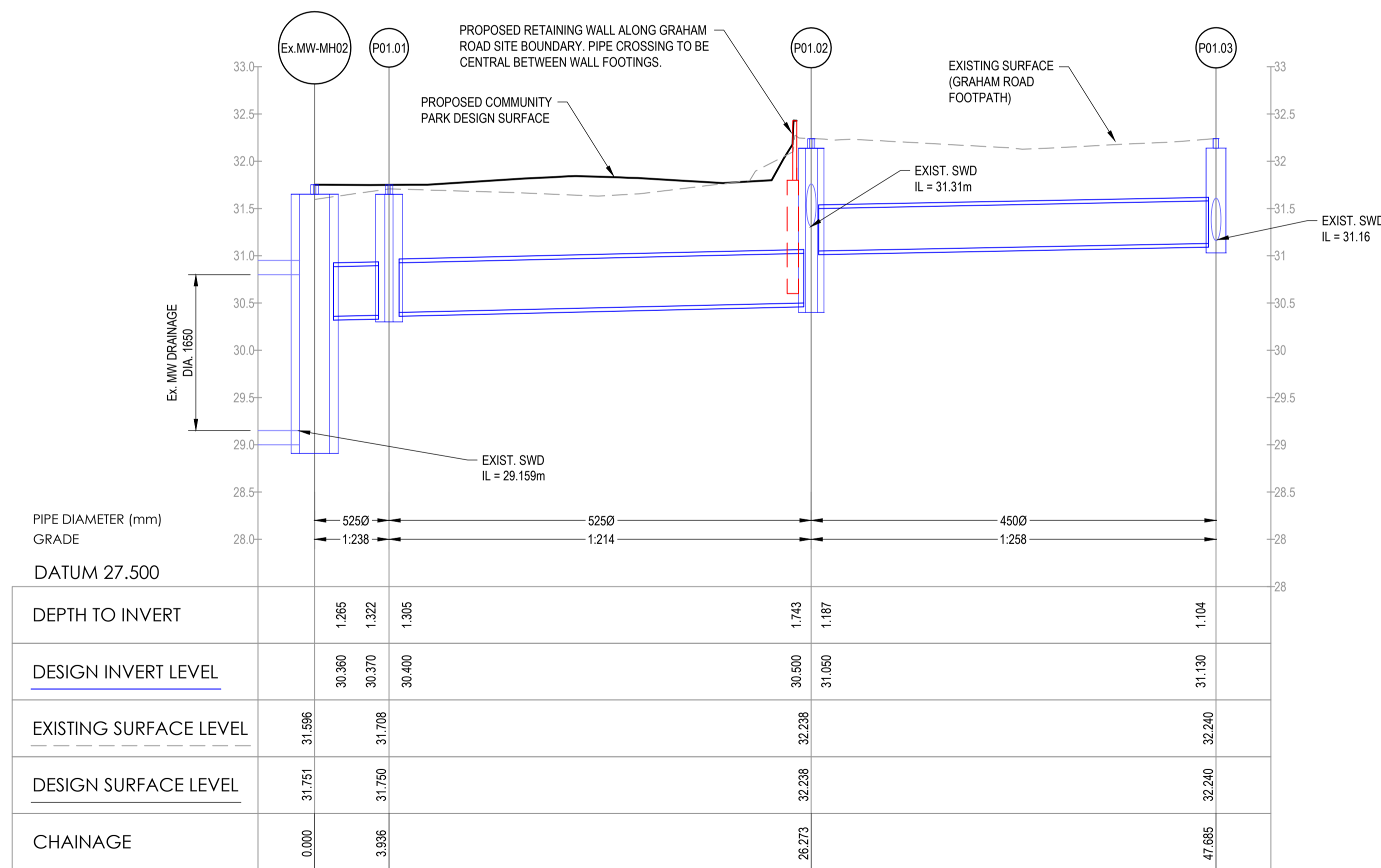
B	TENDER ISSUE	BDL	DMCG	22.06.2023
A	PRELIMINARY ISSUE	NH	DMCG	29.03.2023
Revision		By	Appcd	Date

Drawing Title  
**RETAINING WALL SETOUT AND LONGITUDINAL SECTION**

PIT SCHEDULE										
PIT NAME	PIT TYPE	LID CLASS	INTERNAL DIM (mm)	INLET DIA (mm)	INLET INV (m)	OUTLET DIA (mm)	OUTLET INV (m)	PIT SETOUT RL	PIT DEPTH (m)	NOTES
Ex.MW-MH02	Ex	-	-	5250	30.360	16500	Ex. 29.159	-	-	EXISTING MELBOURNE WATER JUNCTION PIT
P01.01	JP	CLASS D	900 x 900	5250	30.400	5250	30.370	31.750	1.350	JUNCTION PIT TO COUNCIL STD. DRG. BCC506
P01.02	JP	CLASS D	900 x 900	4500 (Ex.) 4500	31.050 (Ex.) 31.310	5250	30.500	(Ex.) 32.238	1.738	JUNCTION PIT TO COUNCIL STD. DRG. BCC506
P01.03	JP	CLASS D	900 x 900	(Ex.) 4500	(Ex.) 31.160	4500	31.130	(Ex.) 32.240	1.110	JUNCTION PIT TO COUNCIL STD. DRG. BCC506



PIPE BEDDING DETAIL LANDSCAPE AREAS  
SCALE 1:20



LONGITUDINAL SECTION - PIPE (SWD-001)  
SCALE H1:200, V1:40

Bayside City Council  
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**ENDORSED PLAN**  
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Sheet 12 of 13  
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**Sunkin**  
Project Name  
**PARK HIGHETT VILLAGE - COMMUNITY PARK**  
Project Location  
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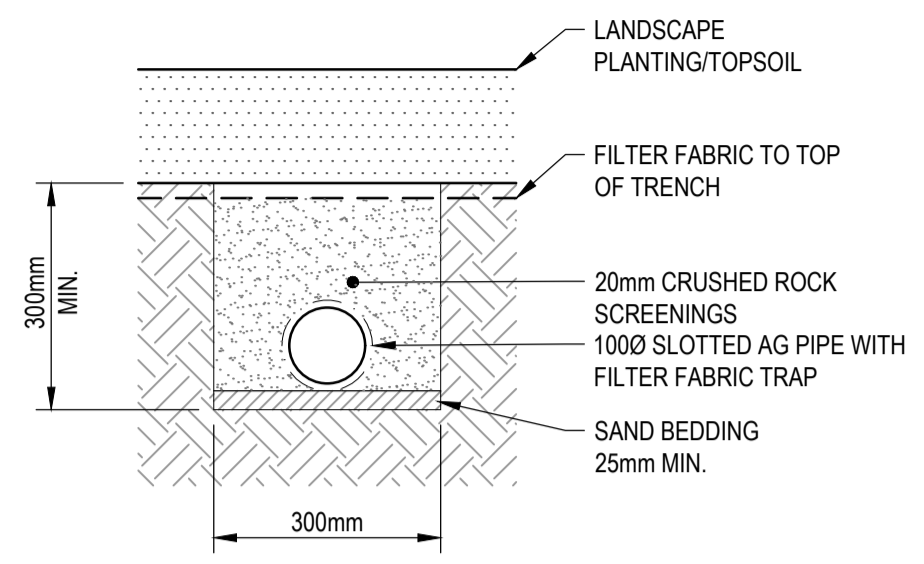
Revision	By	Appd	Date
A	TENDER ISSUE	NH	22.06.2023

Drawing Title  
**STORMWATER DRAINAGE LONGITUDINAL SECTION AND PIT SCHEDULE**

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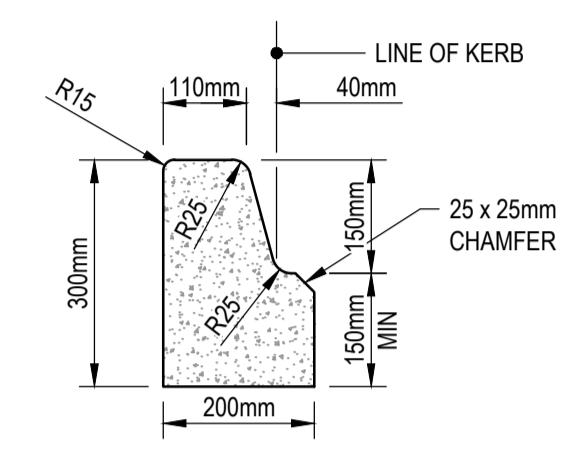


**NOTES:**

1. THE INVERT LEVEL OF THE PIPES SHALL NOT BE LESS THAN 300mm BELOW LANDSCAPED SUBGRADE.
2. SCORIA AGGREGATE IS NOT PERMITTED FOR USE.

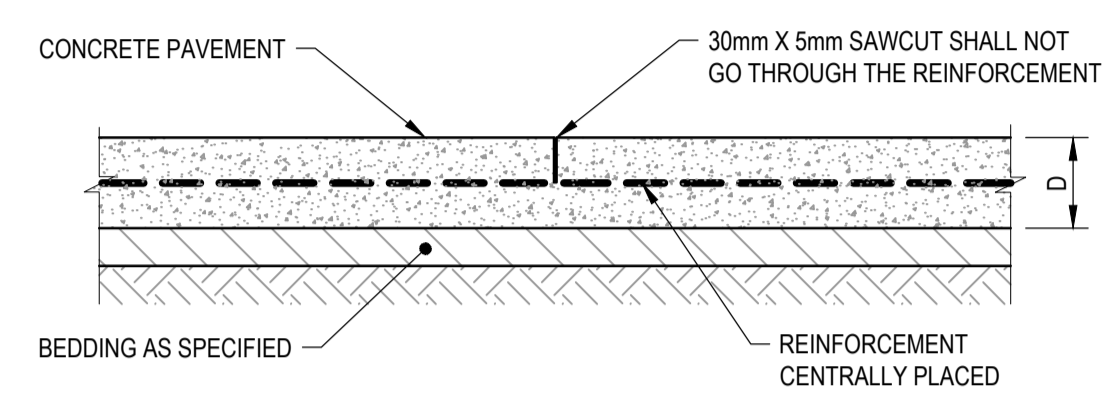
**SUBSURFACE DRAIN TYPICAL DETAIL**

SCALE 1:10



**BARRIER KERB (B1)**

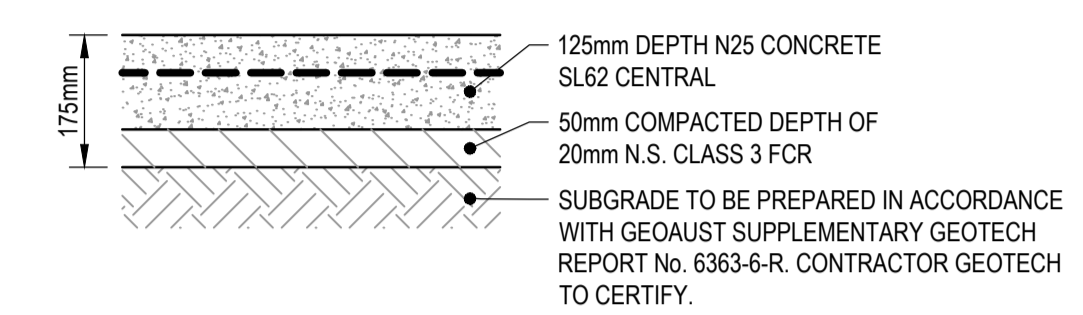
SCALE 1:10



**SAWCUT JOINT DETAIL - LIGHT DUTY PAVEMENT (NO DOWEL)**

N.T.S

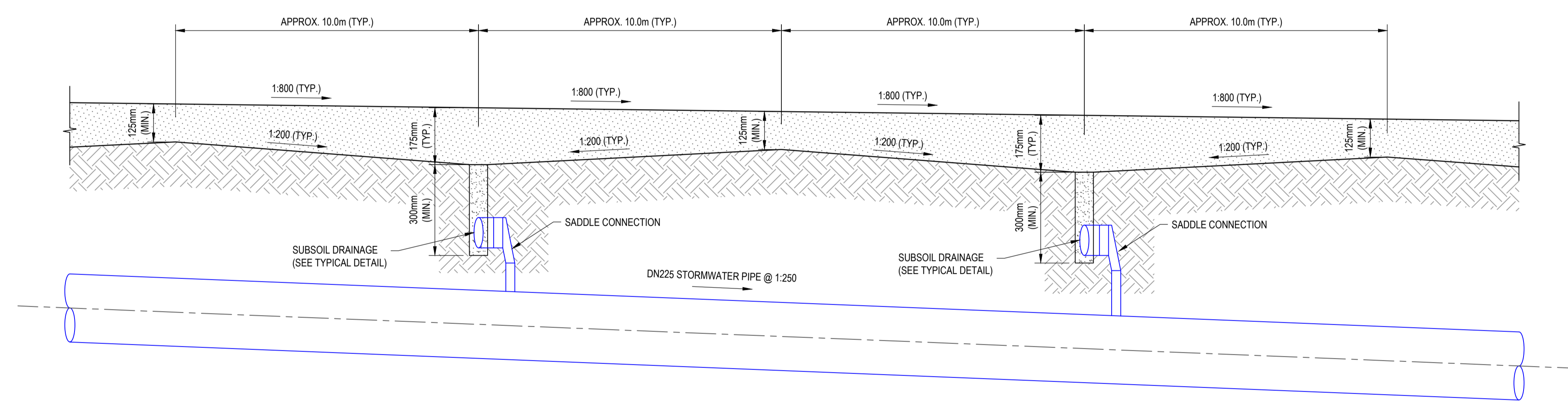
**NOTE:**  
SAWCUT WITHIN 24 HOUR PERIOD AFTER CONCRETE HAS BEEN PLACED.



**CONCRETE FOOTPATH PAVEMENT**

SCALE 1:10

REFER TO LANDSCAPE ARCHITECTS FOR DETAILS



**EARTHWORKS SUBGRADE / SUBSOIL DRAINAGE TYPICAL DETAIL**

NOT TO SCALE (VERTICAL EXAGGERATION SHOWN)

**Bayside City Council**  
Planning and Environment Act 1987

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Drawing Title  
**CIVIL DETAILS SHEET 1**