PROQUIP

LOT 200 EDISON CIRCUIT



LOCALITY PLAN
N.T.S

DRAWING LIST	
Sheet Number	Sheet Title
C-000	COVER SHEET
C-001	EXISTING TOPOGRAPHY
C-002	GENERAL ARRANGEMENT
C-100	DRAINAGE PLAN
C-101	ISOPACHYTE - SUBGRADE PAV. TYPE 1
C-102	ISOPACHYTE - SUBGRADE PAV. TYPE 2
C-103	LONG SECTIONS 1 OF 3
C-104	LONG SECTIONS 2 OF 3
C-105	LONG SECTIONS 3 OF 3
C-106	RETAINING WALLS PLAN AND PROFILE
C-110	SWEPT PATH ANALYSIS
C-200	TYPICAL DETAILS SHEET 1 OF 2
C-201	TYPICAL DETAILS SHEET 2 OF 2

ISSUED FOR CONSTRUCTION

REV	DATE	AMENDMENT	DRN	CHKD	APP
0	09.10.2025	ISSUED FOR CONSTRUCTION	VS	DG	CL

ORIG SIZE A1

0 10 20 30 40 50 100mm
AT ORIGINAL PLOT SIZE

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SCALE : AS SHOWN (@ A1)
METADATA
H: PCG2020
V: AHD
SURVEY SOURCE & DATE:

DESIGNED: VS
DRAWN: MM
PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT
DRAWING TITLE: COVER SHEET
DRAWING NUMBER: C-000
Revision : 0
CSE PROJECT NUMBER: CSE-2425-140

CAD drawing path: C:\Users\ViniciusSoares\Civil Sciences and Engineering\Projects - Docs\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE\4. Drawings\1_Drawings\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE.dwg

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Date & time: Thursday, 9 October 2025 2:49:58 PM



LEGEND

- EXISTING CADASTRAL BOUNDARY
- EXISTING CONTOUR LEVELS
- EXISTING PYLON
- EXISTING BUBBLE PIT
- EXISTING KERB BREAKS

SCALE 1:500

10m 0 10m 20m 30m 40m 50m

ISSUED FOR CONSTRUCTION

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0 10 20 30 40 50 100mm

AT ORIGINAL PLOT SIZE

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SCALE : AS SHOWN (@ A1)

METADATA
H: PCG2020
V: AHD

SURVEY SOURCE & DATE:

DESIGNED: VS

DRAWN: MM

PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT

DRAWING TITLE: EXISTING TOPOGRAPHY

DRAWING NUMBER: C-001

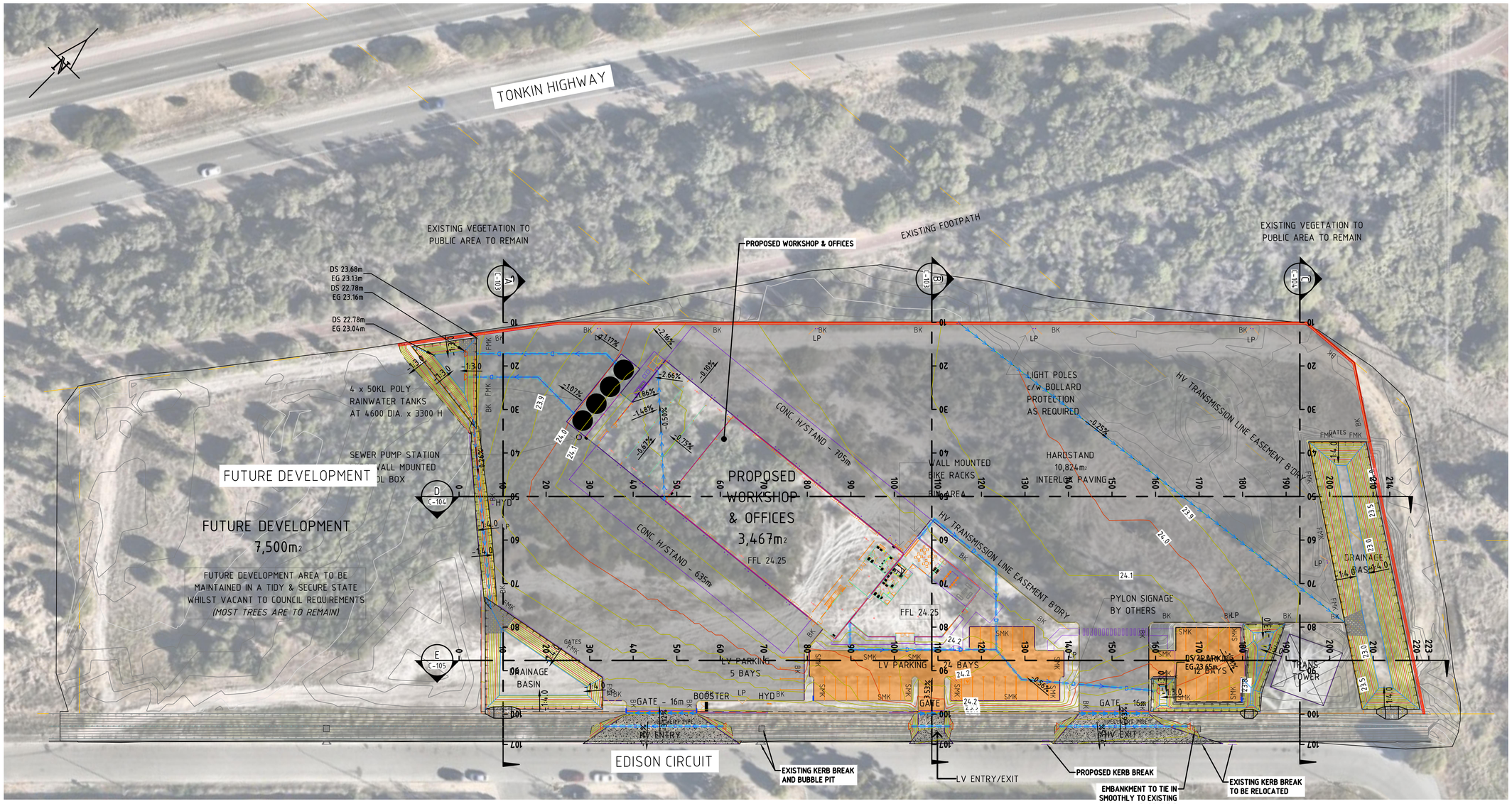
Revision : 0

CSE PROJECT NUMBER: CSE-2425-140

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Date & time: Thursday, 9 October 2025 2:52:06 PM



PAVEMENT AREAS:

HARDSTAND: 12,500 m^2
CARPARK: 1,045 m^2

LEGEND

- EXISTING CADASTRAL BOUNDARY
- EXISTING CONTOUR LEVELS
- EXISTING PYLON
- EXISTING BUBBLE PIT
- EXISTING KERB BREAKS
- PROPOSED BUILDING PAD
- PROPOSED CONTOUR LEVELS
- PROPOSED HARDSTAND AREA
- PROPOSED CAR PARK PAVEMENT AREA
- PROPOSED RETAINING WALLS
- PROPOSED CONCRETE CROSSOVER
- PROPOSED CONCRETE SPILLWAY
- PROPOSED BASIN ROCK PITCHING
- PROPOSED KERB BREAKS

SCALE 1:500

10m 0 10m 20m 30m 40m 50m

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AT ORIGINAL PLOT SIZE

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DATE APPROVED

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SCALE : AS SHOWN (@ A1)
METADATA
H: PCG2020
V: AHD
SURVEY SOURCE & DATE:

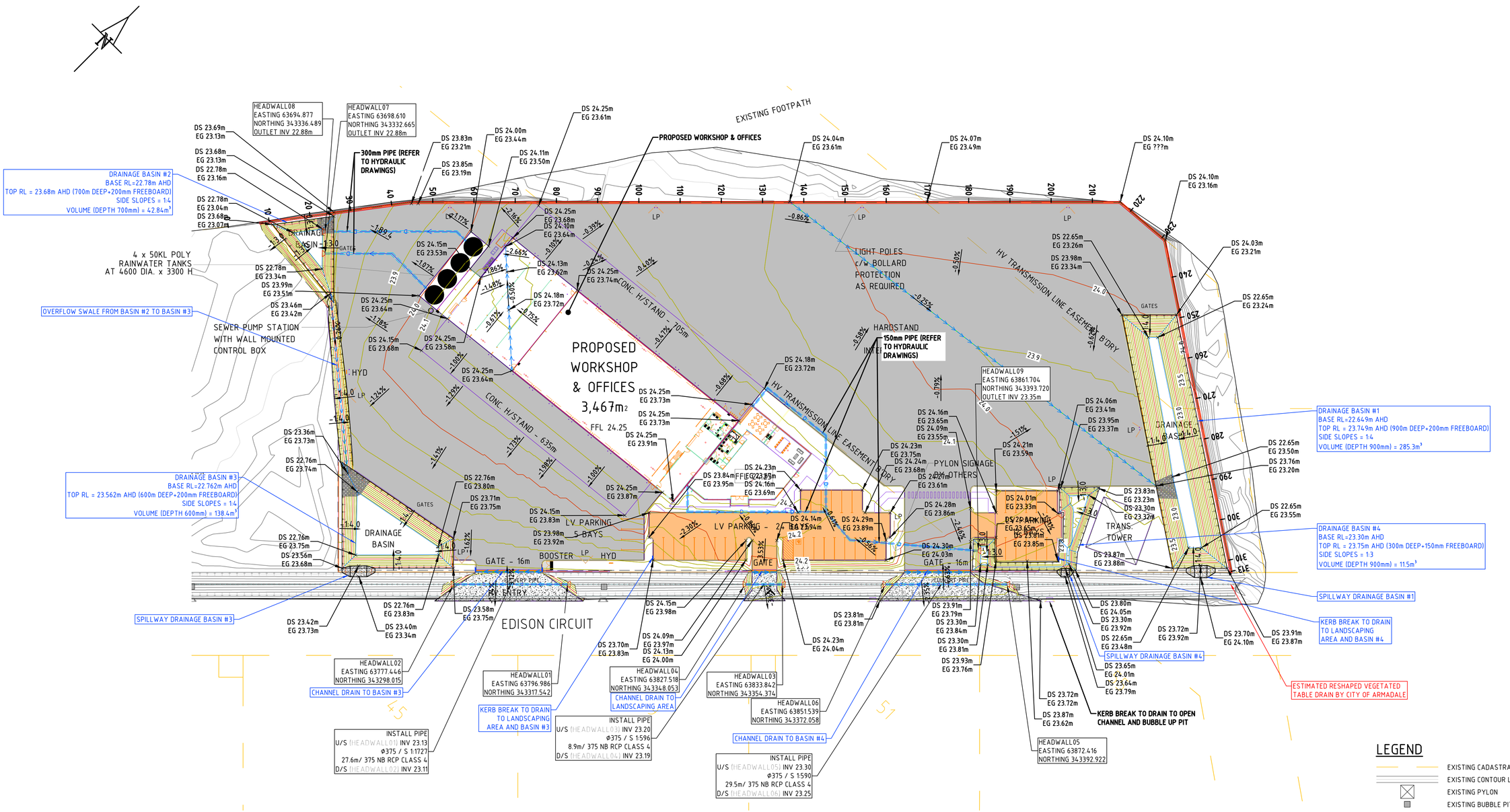
DESIGNED: DG
DRAWN: VS
PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT
DRAWING TITLE: GENERAL ARRANGEMENT
DRAWING NUMBER: C-002
Revision : 0
CSE PROJECT NUMBER: CSE-2425-140

CAD drawing path: C:\Users\ViniciusSoares\Civil Sciences and Engineering\Projects - Docs\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE\4. Drawings\1_Drawings\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE.dwg

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DRAINAGE DESIGN NOTES:

1. SITE INFILTRATION RATE ASSUMED TO BE ON AVERAGE 1m/DAY.
2. BASIN VOLUME STORAGE FOR 1 YEAR-1 HOUR STORM PLUS 50% OF STORAGE AS PER CITY OF ARMADALE GUIDELINES WHERE EXCESS OF RAINFALL DISCHARGE TO CITY'S TABLE DRAIN ON EDISON CIRCUIT.
3. OPEN DRAIN ON EDISON CIRCUIT ESTIMATED TO BE RESHAPED IN 1:6 SIDE SLOPES, VEGETATED AND MATCHING LEVELS WITH EXISTING BUBBLE UP PITS.
4. SITE CONSIDERED TO HAVE SHALLOW TABLEWATER AS PER DESKTOP INVESTIGATION.
5. SITE CONSIDERED TO BE PRONE TO FLOODING AND EXISTING DRAINAGE ASSET INFORMATION AND STRUCTURES ARE LIMITED. FURTHER UPGRADES MAY BE REQUIRED WHEN THE CITY OF ARMADALE MAKE MORE DRAINAGE ASSETS AVAILABLE FOR THE DEVELOPMENT.
6. DRAINAGE BASIN#1,#2, #3, AND #4 TOP RL CONSIDERED TO BE 1m OFFSET FROM CADASTRAL BOUNDARY.

LEGEND

- EXISTING CADASTRAL BOUNDARY
- EXISTING CONTOUR LEVELS
- EXISTING PYLON
- EXISTING BUBBLE PIT
- EXISTING KERB BREAKS
- PROPOSED BUILDING PAD
- PROPOSED CONTOUR LEVELS
- PROPOSED HARDSTAND AREA
- PROPOSED CAR PARK PAVEMENT AREA
- PROPOSED RETAINING WALLS
- PROPOSED CONCRETE CROSSOVER
- PROPOSED CONCRETE SPILLWAY
- PROPOSED BASIN ROCK PITCHING
- PROPOSED KERB BREAKS

SCALE 1:500

10m 0 10m 20m 30m 40m 50m

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0 10 20 30 40 50 100mm

AT ORIGINAL PLOT SIZE

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SCALE : AS SHOWN (@ A1)

METADATA

H: PCG2020

V: AHD

SURVEY SOURCE & DATE:

DESIGNED: MM

DRAWN: VS

PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT

DRAWING TITLE: DRAINAGE PLAN

DRAWING NUMBER: C-100

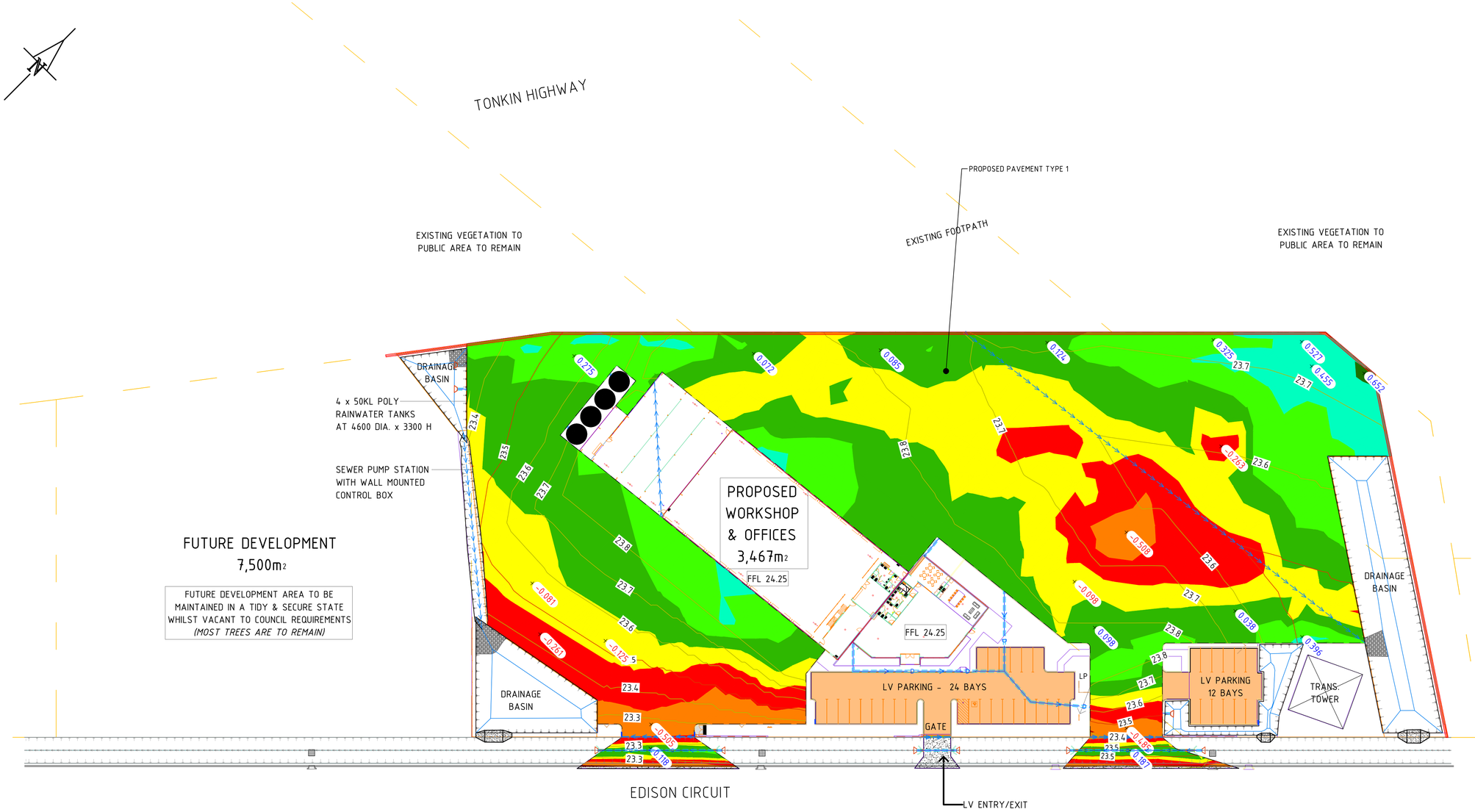
Revision : 0

CSE PROJECT NUMBER: CSE-2425-140

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Surface Analysis: Elevation Ranges				
	Number	Color	Minimum Elevation (m)	Maximum Elevation (m)
CUT AREA	1		-0.800	-0.600
	2		-0.600	-0.400
	3		-0.400	-0.200
	4		-0.200	0.000
FILL AREA	5		0.000	0.200
	6		0.200	0.400
	7		0.400	0.600
	8		0.600	0.800

HARDSTAND EARTHWORKS:
TOTAL FILL VOLUME: 1317.909m³
TOTAL CUT VOLUME: 990.435m³
NET: FILL 327.474m³

SCALE 1:500
10m 0 10m 20m 30m 40m 50m

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ORIG SIZE A1
0 10 20 30 40 50 100mm
AT ORIGINAL PLOT SIZE

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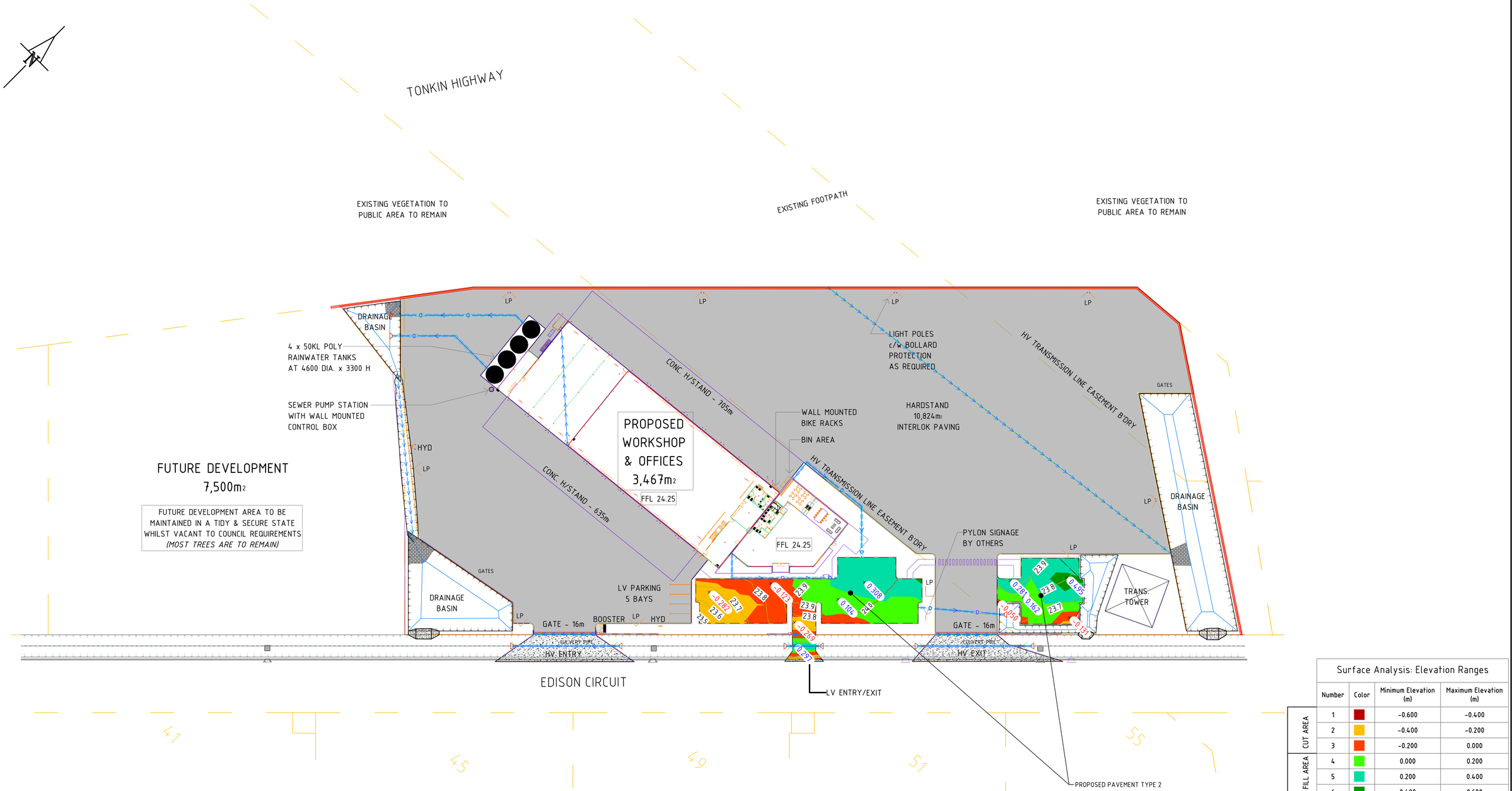
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SCALE : AS SHOWN (@ A1)
METADATA
H: PCG2020
V: AHD
SURVEY SOURCE & DATE:

DESIGNED: MM
DRAWN: MM
PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT
DRAWING TITLE: ISOPACHYTE - SUBGRADE PAV. TYPE 1
DRAWING NUMBER: C-101
Revision : 0
CSE PROJECT NUMBER: CSE-2425-140

CAD drawing path: C:\Users\ViniciusSoares\Civil Sciences and Engineering\Projects - Docs\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE\4. Drawings\1_Drawings\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE.dwg
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Date & time: Thursday, 9 October 2025 3:21:51 PM



Surface Analysis: Elevation Ranges				
	Number	Color	Minimum Elevation (m)	Maximum Elevation (m)
CUT AREA	1		-0.600	-0.400
	2		-0.400	-0.200
	3		-0.200	0.000
FILL AREA	4		0.000	0.200
	5		0.200	0.400
	6		0.400	0.600

CARPARK EARTHWORKS:
TOTAL FILL VOLUME: 141.039m³
TOTAL CUT VOLUME: 71.017m³
NET: FILL 70.022m³

SCALE 1:500
10m 0 10m 20m 30m 40m 50m

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AT ORIGINAL PLOT SIZE

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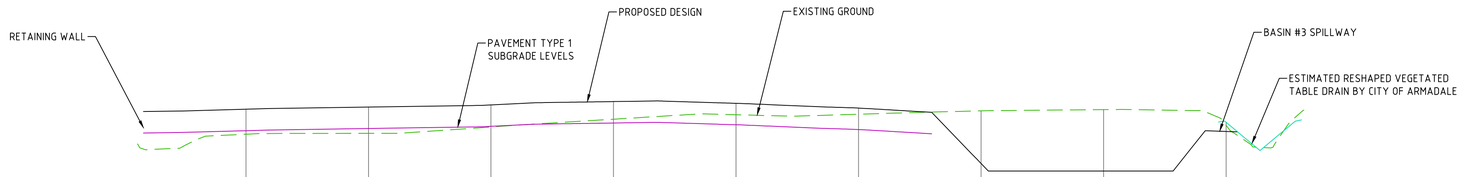
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SCALE : AS SHOWN (@ A1)
METADATA
H: PCG2020
V: AHD
SURVEY SOURCE & DATE:

DESIGNED: MM
DRAWN: MM
PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT
DRAWING TITLE: ISOPACHYTE - SUBGRADE PAV. TYPE 2
DRAWING NUMBER: C-102
Revision : 0
CSE PROJECT NUMBER: CSE-2425-140

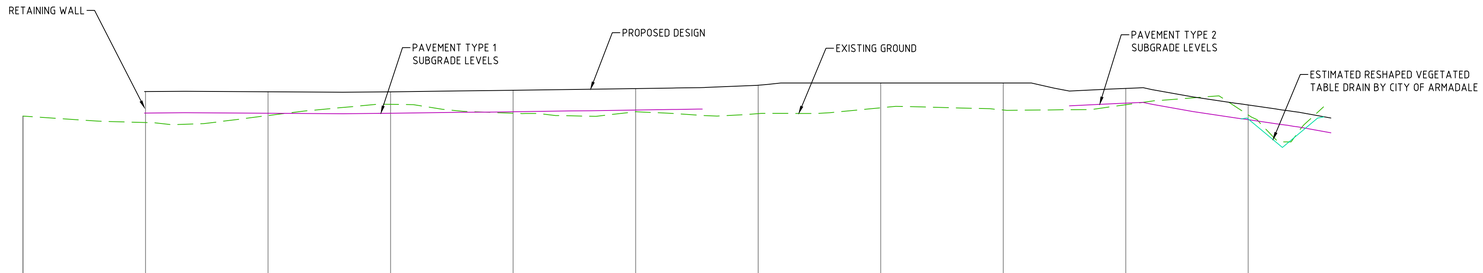
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VERT EXAG 1:5
Datum 21.000

DESIGN LEVELS		23.770	23.805	23.840	23.895	23.866	23.788	22.884	22.762	23.407	23.400	
EXISTING LEVELS		23.362	23.377	23.480	23.607	23.680	23.688	23.743	23.763	23.507		23.755
DEPTH		0.408	0.429	0.360	0.288	0.186	0.100	-0.859	-1.001	-0.101	0.060	
SUBGRADE LEVELS		23.420	23.455	23.490	23.545	23.516	23.438					
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	100.937	106.963

A C-002 **SECTION A**
SCALE:1:250



VERT EXAG 1:5
Datum 21.000

DESIGN LEVELS		24.109	24.107	24.106	24.131	24.159	24.213	24.250	24.250	24.161	23.892		23.678
EXISTING LEVELS	23.711	23.605	23.719	23.902	23.756	23.781	23.750	23.846	23.810	23.896	23.729		
DEPTH		0.504	0.388	0.204	0.375	0.378	0.463	0.404	0.440	0.266	0.164		
SUBGRADE LEVELS		23.759	23.757	23.756	23.781	23.809				23.921	23.652	23.588	
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000		106.751	106.963

B C-002 **SECTION B**
SCALE:1:250

SCALE 1:250
5m 0 5m 10m 15m 20m 25m

REV	DATE	AMENDMENT	DRN	CHKD	APP
0	09.10.2025	ISSUED FOR CONSTRUCTION	VS	DG	CL

ORIG SIZE A1

0 10 20 30 40 50 100mm
AT ORIGINAL PLOT SIZE

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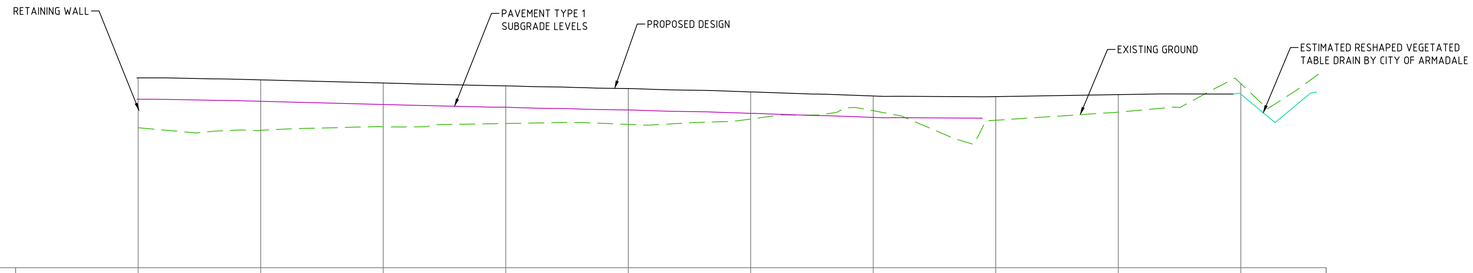
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METADATA
H: PCG2020
V: AHD
SURVEY SOURCE & DATE:

DESIGNED: MM
DRAWN: MM
PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT
DRAWING TITLE: LONG SECTIONS 1 OF 3
DRAWING NUMBER: C-103
Revision : 0
CSE PROJECT NUMBER: CSE-2425-140

CAD drawing path: C:\Users\ViniciusSoares\Civil Sciences and Engineering\Projects - Docs\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE\4. Drawings\1_Drawings\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE.dwg

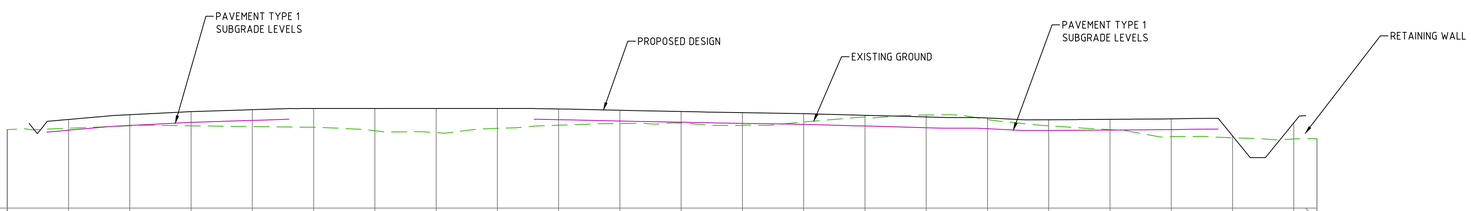
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Date & time: Thursday, 9 October 2025 3:08:27 PM



VERT EXAG 1:5
Datum 21.000

DESIGN LEVELS		24.099	24.065	24.013	23.967	23.923	23.868	23.802	23.791	23.825	
EXISTING LEVELS			23.242	23.301	23.352	23.338	23.426	23.562	23.406	23.539	24.004
DEPTH			0.823	0.713	0.615	0.585	0.442	0.240	0.385	0.286	
SUBGRADE LEVELS		23.749	23.715	23.663	23.617	23.573	23.518	23.452			
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	106.963

C / C-002 **SECTION C**
SCALE:1:250



VERT EXAG 1:5
Datum 21.000

DESIGN LEVELS		23.893	24.049	24.149	24.212	24.250	24.250	24.250	24.250	24.236	24.193	24.154	24.115	24.081	24.029	23.974	23.940	23.883	23.896	23.912	23.356	23.782	24.014	
EXISTING LEVELS	23.561	23.606	23.687	23.685	23.661	23.636	23.524	23.464	23.605	23.706	23.760	23.772	23.698	23.809	23.980	24.037	23.891	23.685	23.561	23.333	23.294	23.254	23.266	23.262
DEPTH		0.287	0.361	0.463	0.551	0.614	0.726	0.786	0.645	0.530	0.433	0.381	0.416	0.273	0.049	-0.062	0.049	0.198	0.335	0.579	0.061	0.527	0.748	
SUBGRADE LEVELS		23.543	23.699	23.799	23.862					23.886	23.843 / 23.834	23.804	23.765	23.731	23.679	23.624	23.590	23.533	23.546	23.562				
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	211.938	213.799

D / C-002 **SECTION D**
SCALE:1:500

SCALE 1:250
5m 0 5m 10m 15m 20m 25m

REV	DATE	AMENDMENT	DRN	CHKD	APP
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ORIG SIZE A1

0 10 20 30 40 50 100mm
AT ORIGINAL PLOT SIZE

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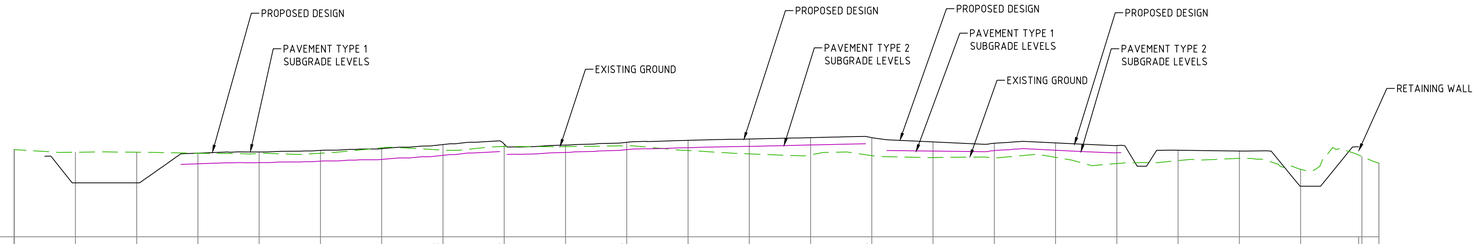
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METADATA
H: PCG2020
V: AHD
SURVEY SOURCE & DATE:

DESIGNED: MM
DRAWN: MM
PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT
DRAWING TITLE: LONG SECTIONS 2 OF 3
DRAWING NUMBER: C-104
Revision : 0
CSE PROJECT NUMBER: CSE-2425-140

CAD drawing path: C:\Users\ViniciusSoares\Civil Sciences and Engineering\Projects - Docs\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE\4. Drawings\1_Drawings\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE.dwg

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VERT EXAG 1:5
Datum 21.000

DESIGN LEVELS		22.762	22.762	23.730	23.769	23.818	23.875	24.008	24.024	23.992	24.084	24.147	24.189	24.236	24.234	24.095	24.052	24.063	23.979	23.826	23.799	22.649	23.938									
EXISTING LEVELS	23.845	23.759	23.759	23.725	23.720	23.727	23.903	23.826	23.945	23.943	23.970	23.817	23.705	23.676	23.649	23.584	23.573	23.592	23.390	23.486	23.560	23.204	23.670	23.624	23.405							
DEPTH		-0.997	-0.997	0.005	0.049	0.091	-0.028	0.181	0.079	0.049	0.114	0.330	0.485	0.560	0.584	0.511	0.479	0.471	0.589	0.341	0.240	-0.555	0.267									
SUBGRADE LEVELS				23.380	23.419	23.468	23.525	23.658		23.752	23.856	23.907	23.949	23.996		23.796	23.812	23.823	23.739													
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	219.479	220.000	222.782							

E
C-002
SECTION E
SCALE:1:250

SCALE 1:250
5m 0 5m 10m 15m 20m 25m

REV	DATE	AMENDMENT	DRN	CHKD	APP
0	09.10.2025	ISSUED FOR CONSTRUCTION	VS	DG	CL

ORIG SIZE A1

0 10 20 30 40 50 100mm
AT ORIGINAL PLOT SIZE

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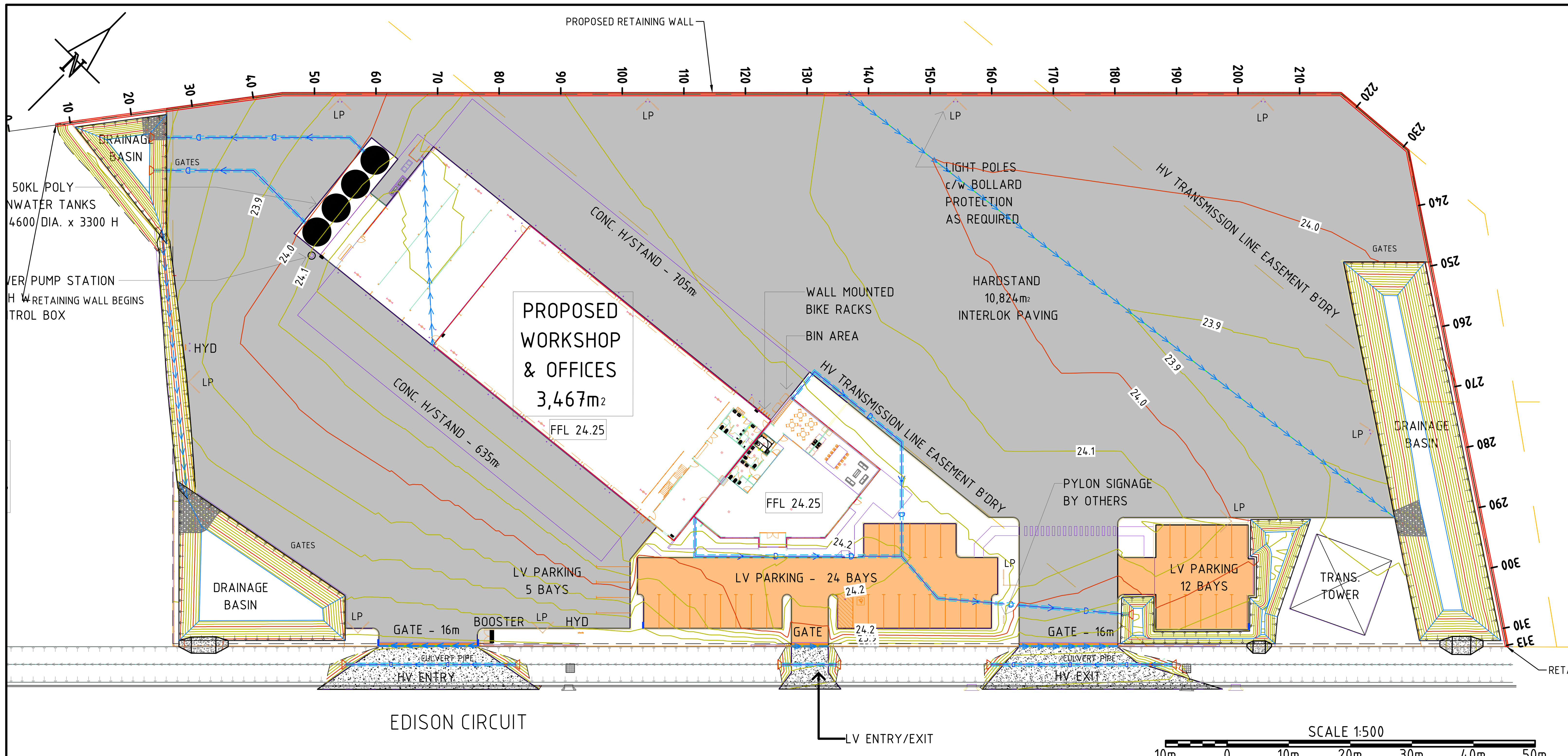
CLIENT
AUSPAN

SCALE : AS SHOWN (@ A1)
METADATA
H: PCG2020
V: AHD
SURVEY SOURCE & DATE:

DESIGNED: MM
DRAWN: MM
PROJECT MANAGER: COLIN LEEK

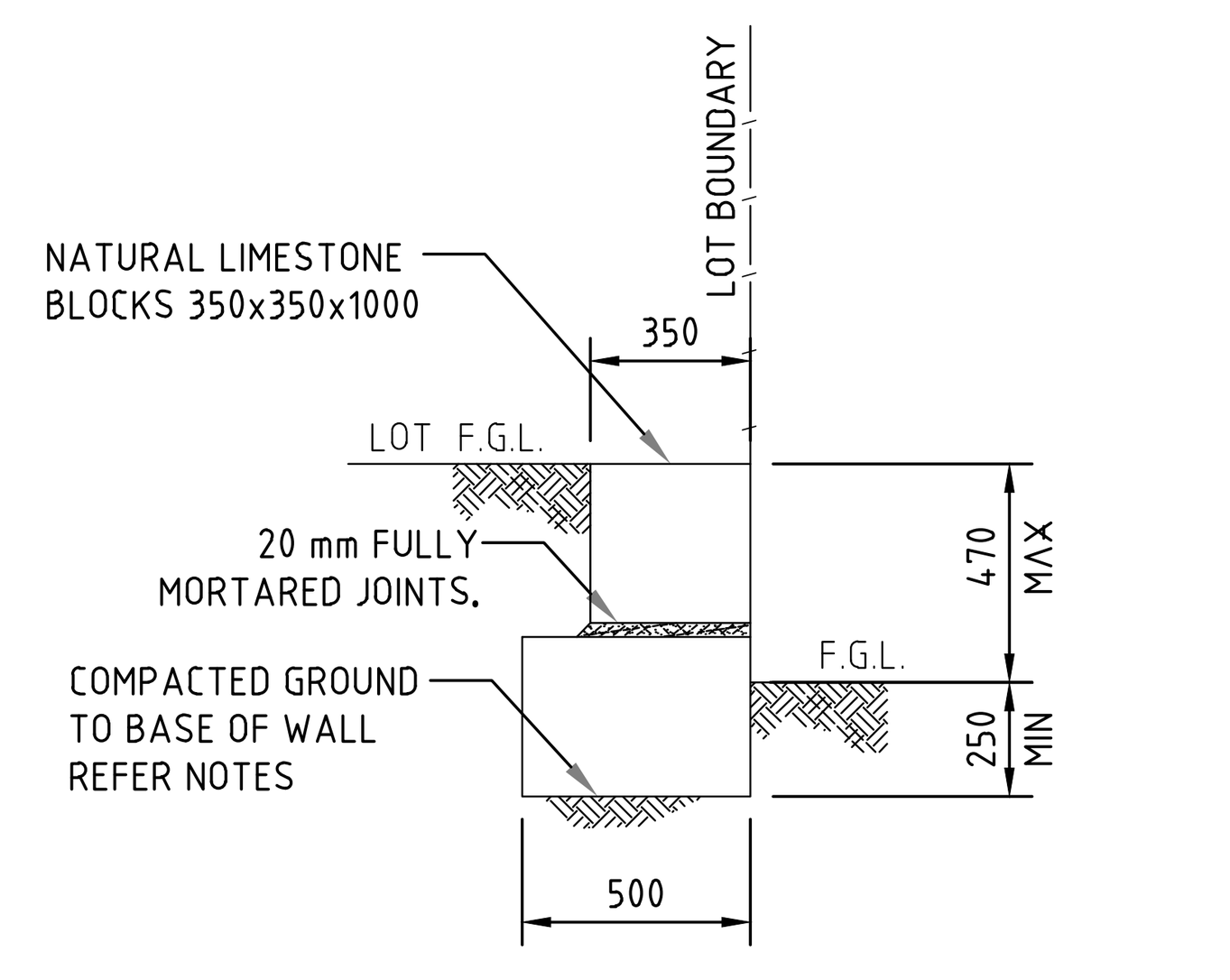
PROJECT: LOT 200 EDISON CCT
DRAWING TITLE: LONG SECTIONS 3 OF 3
DRAWING NUMBER: C-105
Revision : 0
CSE PROJECT NUMBER: CSE-2425-140

CAD drawing path: C:\Users\ViniciusSoares\Civil Sciences and Engineering\Projects - Docs\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE\4. Drawings\1_Drawings\CSE-2425-140_LOT 200 EDISON CCT FORRESTDALE.dwg
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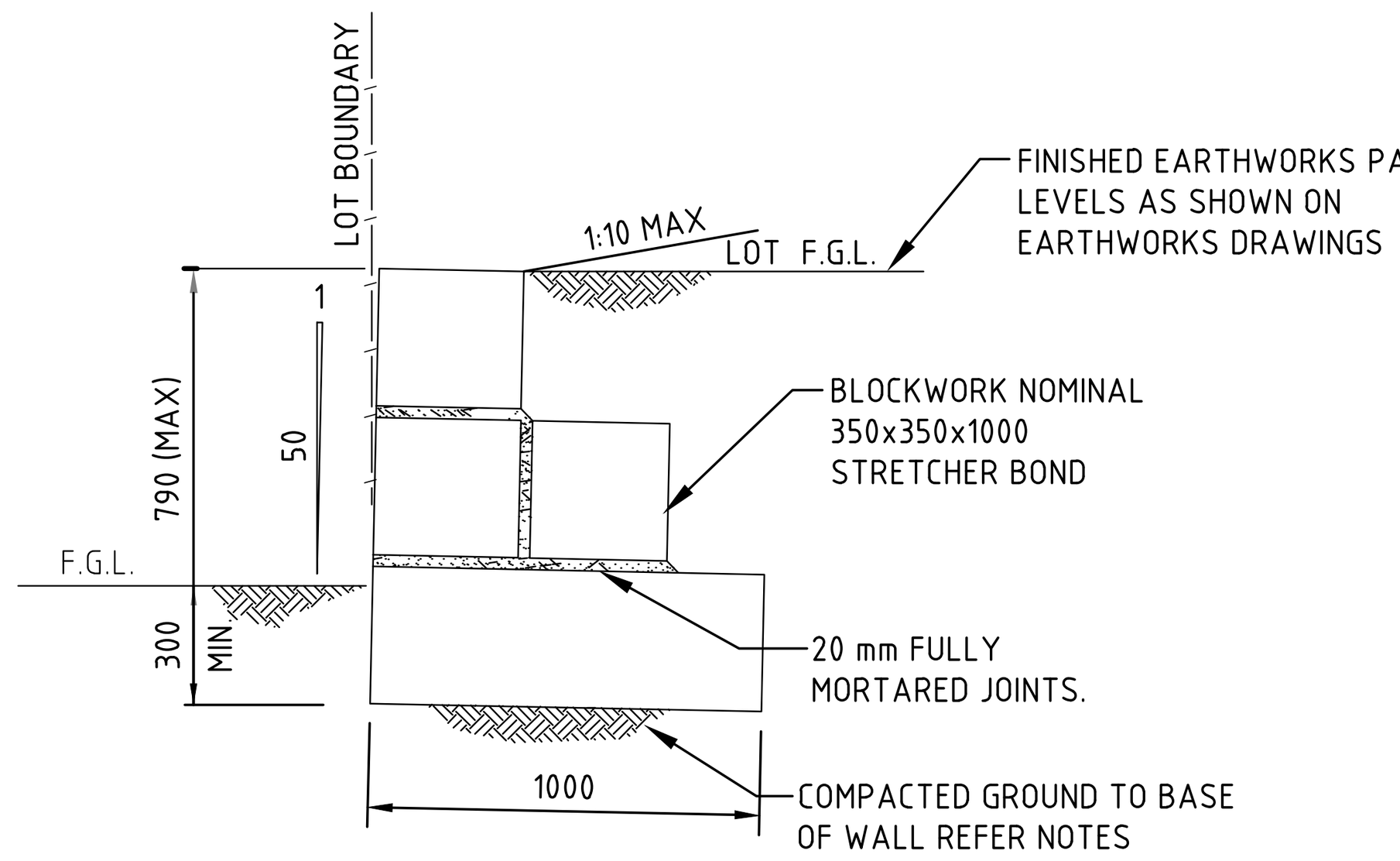
NOTES:

1. EARTHWORKS MUST BE CONDUCTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT (REF:GI294224PG __REV0) TO ACHIEVE CLASS "A" SITE CLASSIFICATION.
2. BLOCKS ARE TO BE RECONSTITUTED OR NATURAL LIMESTONE 350mmX350mmX1000mm WITH 20mm MORTAR JOINTS.
3. BLOCKS MUST HAVE A MINIMUM DENSITY OF 1,800 Kg/m^3 AND A MINIMUM COMPRESSIVE STRENGTH OF 5MPa.
4. REFER TO "STD-CI-700(3) RECONSTITUTED LIMESTONE BLOCK RETAINING WALL – 20mm MORTAR" FOR DESIGN PARAMETERS. CONSTRUCTION MUST BE CARRIED OUT TO THE REQUIREMENTS OF THESE DRAWINGS.



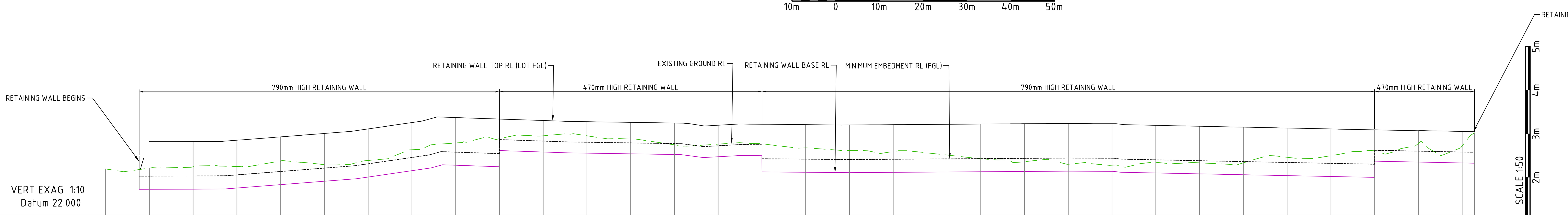
RETAINING WALL 0mm TO 470mm RETAINED

SCALE: N.T.S.



RETAINING WALL 470mm TO 790mm RETAINED

SCALE: N.T.S.



CHAINAGE	DESIGN LEVELS	EXISTING LEVELS	DEPTH	BASE RL
0.000		23.061		
10.000		23.080		22.595, 22.596
20.000	23.686	23.111	0.575	22.597, 22.597
27.083	23.695	23.124	0.571	22.603
30.000	23.717	23.118	0.600	22.604, 22.624
40.000	23.795	23.240	0.555	22.702
44.796	23.832	23.212	0.620	22.739
50.000	23.872	23.155	0.718	22.779
60.000	23.975	23.255	0.720	22.836, 22.875
70.000	24.122	23.500	0.622	23.020
80.000	24.236	23.655	0.582	23.084, 23.155, 23.145
90.000	24.202	23.752	0.450	23.112, 23.482
100.000	24.168	23.818	0.350	23.448
110.000	24.142	23.820	0.322	23.429, 23.422
120.000	24.126	23.770	0.356	23.406
130.000	24.111	23.613	0.498	23.391, 23.388
140.000	24.061	23.630	0.431	23.320, 23.339
150.000	24.083	23.639	0.443	23.368, 23.364, 22.994
160.000	24.073	23.543	0.530	22.985
170.000	24.066	23.482	0.584	22.976, 22.976
180.000	24.073	23.459	0.614	22.983
190.000	24.080	23.403	0.677	22.989
200.000	24.087	23.294	0.793	22.996
210.000	24.095	23.228	0.867	23.003
216.702	24.100			23.007
220.000	24.100	23.169	0.931	23.010, 23.010
230.000	24.095	23.147	0.949	23.006
230.907	24.095	23.152	0.943	23.006, 22.998, 22.985
240.000	24.059	23.214	0.845	22.969
250.000	24.037	23.200	0.838	22.949
260.000	24.017	23.200	0.817	22.929
270.000	23.996	23.328	0.668	22.909
280.000	23.976	23.365	0.612	22.888
290.000	23.954	23.476	0.478	22.868, 23.238
300.000	23.935	23.644	0.291	23.218
310.000	23.918	23.586	0.332	23.198
312.567	23.913	23.870	0.043	23.192
312.822		23.885		

RETAINING WALLS LONG SECTION

SCALE 1:500

10m 0 10m 20m 30m 40m 50m

LEGEND

- EXISTING CADASTRAL BOUNDARY
- EXISTING CONTOUR LEVELS
- EXISTING PYLON
- EXISTING BUBBLE PIT
- EXISTING KERB BREAKS
- PROPOSED BUILDING PAD
- PROPOSED CONTOUR LEVELS
- PROPOSED HARDSTAND AREA
- PROPOSED CAR PARK PAVEMENT AREA
- PROPOSED RETAINING WALLS
- PROPOSED CONCRETE CROSSOVER
- PROPOSED CONCRETE SPILLWAY
- PROPOSED BASIN ROCK PITCHING
- PROPOSED KERB BREAKS

ISSUED FOR CONSTRUCTION

REV	DATE	AMENDMENT	DRN	CHKD	APP
0	09.10.2025	ISSUED FOR CONSTRUCTION	VS	DG	CL

ORIG SIZE A1 — 0 10 20 30 40 50 100mm AT ORIGINAL PLOT SIZE

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VALIDATION: SIGNATURE / DATE / DATE APPROVED

CLIENT: AUSPAN

SCALE: AS SHOWN (@ A1)

METADATA — H: PCG2020, V: AHD

SURVEY SOURCE & DATE:

DESIGNED: MM

DRAWN: MM

PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT

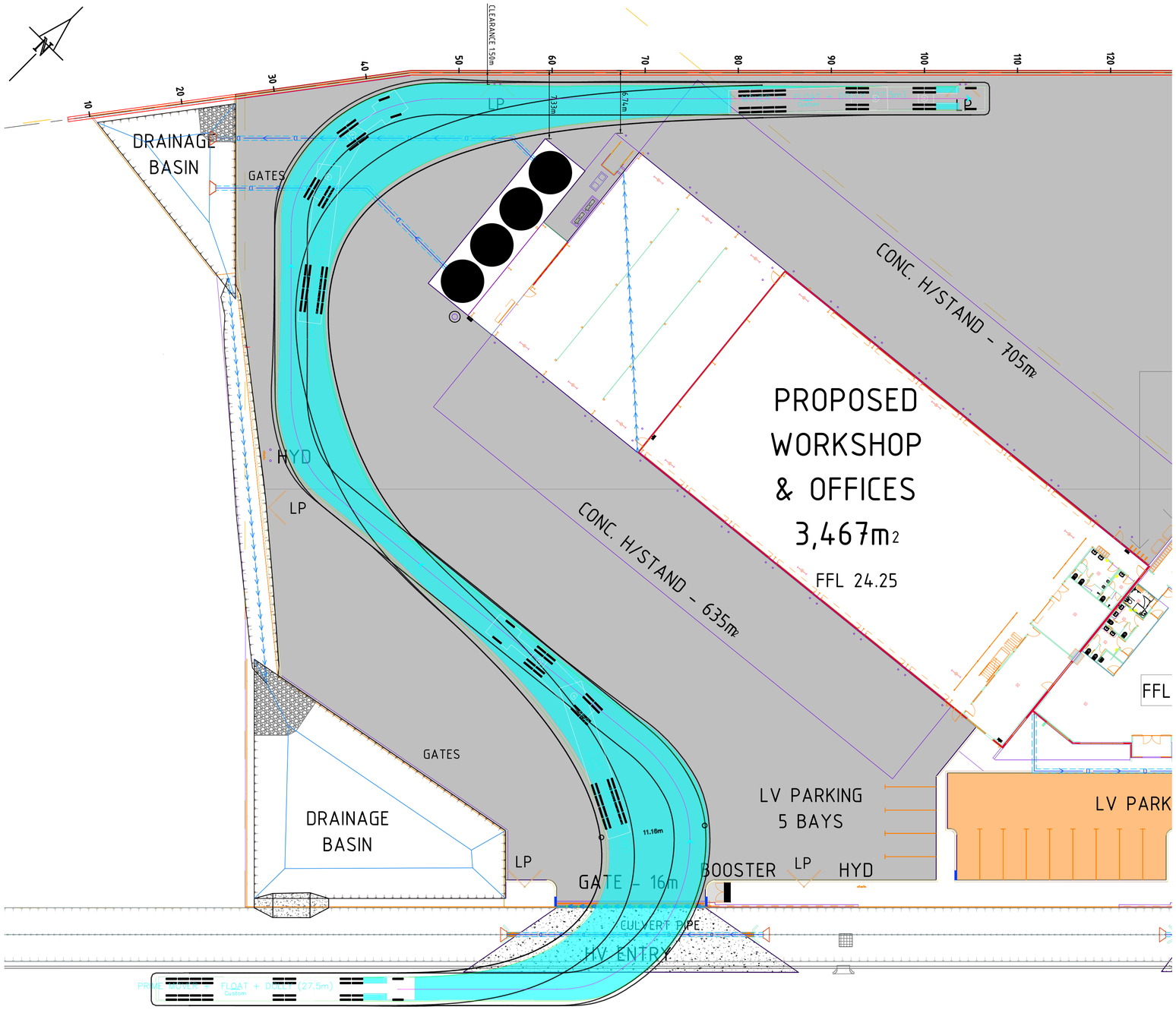
DRAWING TITLE: RETAINING WALLS PLAN AND PROFILE

DRAWING NUMBER: C-106

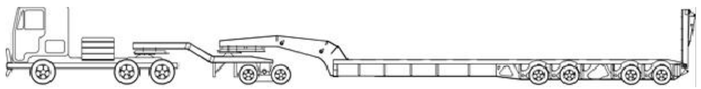
Revision: 0

CSE PROJECT NUMBER: CSE-2425-140

CAD drawing path: C:\Users\ViniciusSoares\Civil Sciences and Engineering\Projects - Docs\CSE-2425-140__LOT 200 EDISON CCT FORRESTDALE\4. Drawings\1__Drawings\CSE-2425-140__LOT 200 EDISON CCT FORRESTDALE.dwg
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EDISON CIRCUIT



PRIME MOVER & FLOAT & DOLLY (27.5m) IIIUSTRATION ONLY

meters

Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 21.2
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

SCALE 1:250

5m 0 5m 10m 15m 20m 25m

ISSUED FOR CONSTRUCTION

REV	DATE	AMENDMENT	DRN	CHKD	APP
0	09.10.2025	ISSUED FOR CONSTRUCTION	VS	DG	CL

ORIG SIZE A1

0 10 20 30 40 50 100mm

AT ORIGINAL PLOT SIZE

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METADATA
H: PCG2020
V: AHD

SURVEY SOURCE & DATE:

DESIGNED: MM

DRAWN: MM

PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT

DRAWING TITLE: SWEPT PATH ANALYSIS

DRAWING NUMBER: C-110

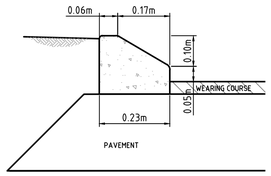
Revision : 0

CSE PROJECT NUMBER: CSE-2425-140

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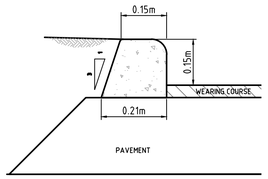
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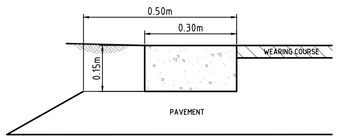
SEMI-MOUNTABLE KERB (SMK) - TYPICAL DETAIL
SCALE:1:10

KERB NOTES:

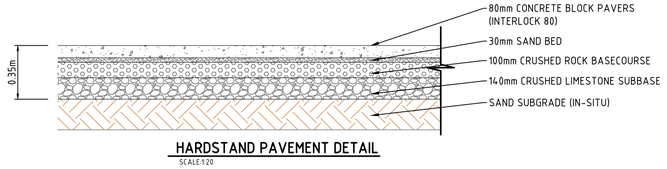
1. CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OR 32 MPa AT 28 DAYS.
2. CONTRACTION JOINTS SHALL BE CONSTRUCTED EVERY 2.5m RUN OF KERBING AND SHALL BE 5mm WIDE.
3. EXPANSION JOINTS SHALL BE CUT AT 5m INTERVALS AND SHALL BE 10mm WIDE.
4. EXPANSION JOINTS SHALL BE FILLED WITH AN APPROVED BUTYL MASTIC COMPOUND FILLER AND FOAM OR POLYURETHANE BACKING SHALL BE PLACED IN EACH EXPANSION JOINT.



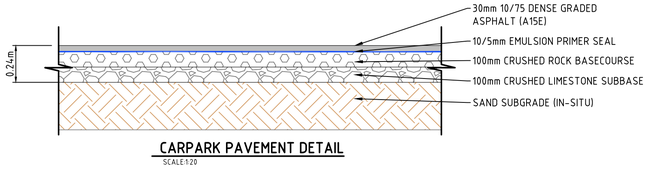
BARRIER KERB (BK) - TYPICAL DETAIL
SCALE:1:10



FLUSH-MOUNTABLE KERB (FMK) - TYPICAL DETAIL
SCALE:1:10



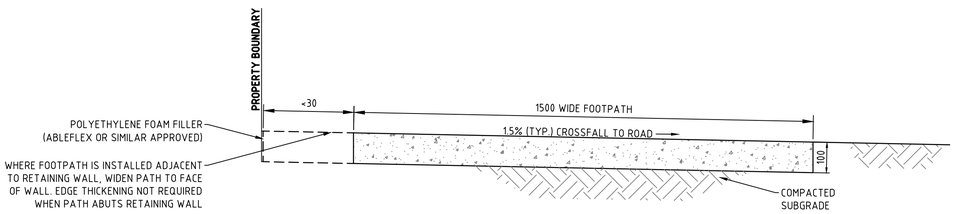
HARDSTAND PAVEMENT DETAIL
SCALE:1:20



CARPARK PAVEMENT DETAIL
SCALE:1:20

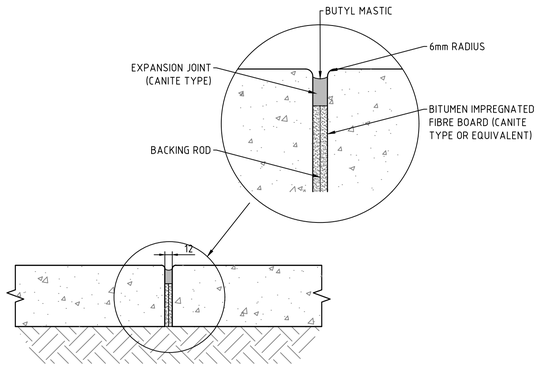
PAVEMENT DESIGN NOTES

1. PAVEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH AFPA STRUCTURAL DESIGN GUIDE FOR FLEXIBLE PAVEMENTS FOR PORTS AND CONTAINER TERMINALS (MARCH 2021).
2. REFER TO PAVEMENT DESIGN REPORT (2425-140) FOR MORE INFORMATION.
3. DESIGN SUBGRADE CBR 12% BASED ON GEOTECHNICAL INVESTIGATION REPORT (GI294224PG__REV0).
4. HARDSTAND DESIGN TRAFFIC AS FOLLOWS:
   - TRIDRIVE PRIME MOVER & QUAD FLOAT TRAILER COMBINATION (GVM65T) - 10 MOVEMENTS PER DAY
   - CAT 982 WHEEL LOADER (GVM35.5T) - 15 MOVEMENTS PER DAY
   - SIX WHEEL TIP TRUCKS (GVM22.5T) - 15 MOVEMENTS PER DAY
5. CONCRETE BLOCK PAVERS TO BE MIDLAND BRICK INTERLOCK 80 OR APPROVED EQUIVALENT
6. CARPARK DESIGN TRAFFIC IS 1 X 10^5 ESA



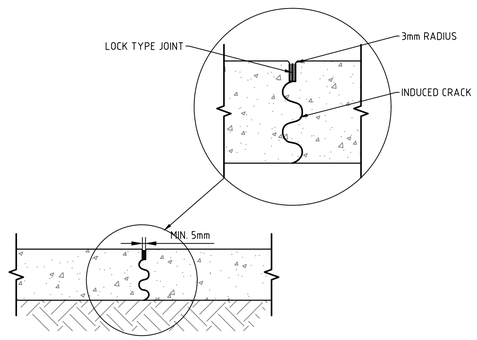
TYPICAL PATH DETAILS

SCALE: 1:10



EXPANSION JOINT DETAIL

SCALE: 1:5



CONTRACTION JOINT DETAIL

SCALE: 1:5

PATH NOTES:

1. CONTRACTION JOINTS TO BE LOCK JOINT TYPE. GROOVING OF CONCRETE IS NOT ALLOWED.
2. EXPANSION JOINTS SHALL BE PLACED AT 10m INTERVALS, TANGENT POINTS, END OF DAY WORKS AND AROUND ALL SERVICES AND WHERE THE PATH JOINS KERB RAMPS AND VEHICLE CROSSINGS
3. CONTRACTION JOINTS SHALL BE PLACED AT A SPACING OF 20 TIMES THE SLAB THICKNESS.
4. CONCRETE TO ACHIEVE A MINIMUM 32MPa COMPRESSIVE STRENGHT AT 28 DAYS, MINIMUM NOMINAL SIZE AGGREGATE OF 14mm, A MAXIMUM OF 20mm AND A SLUMP OF 75mm.
5. FOOTPATH THICKNESS TO BE 100mm MINIMUM.
6. FOOTPATH THICKNESS TO INCREASE TO 150mm IN AREAS DESIGNATED FOR VEHICLE LOADING..
7. KERB ALIGNED PATH JOINTS TO MATCH KERB JOINTS - WHERE POSSIBLE.
8. KEEP TRANSVERSE CONTRACTION JOINT SPACING AT LESS THAN 20 TIMES THE SLAB THICKNESS
9. KEEP SLAB WIDTH TO LENGTH AT A RATIO OF LESS THAN 1:14
10. TRANSVERSE CONTRACTION JOINTS SHOULD BE FORMED TO A DEPTH OF D/4 WHERE D IS THE SLAB DEPTH.

ISSUED FOR CONSTRUCTION

REV	DATE	AMENDMENT	DRN	CHKD	APP
0	09.10.2025	ISSUED FOR CONSTRUCTION	MM	DG	CL

ORIG SIZE A1

0 10 20 30 40 50 100mm
AT ORIGINAL PLOT SIZE

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V: AHD
SURVEY SOURCE & DATE:

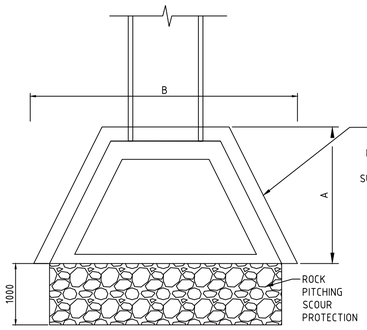
DESIGNED: MM
DRAWN: MM
PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT
DRAWING TITLE: TYPICAL DETAILS SHEET 1 OF 2
DRAWING NUMBER: C-200
Revision : 0
CSE PROJECT NUMBER: CSE-2425-140

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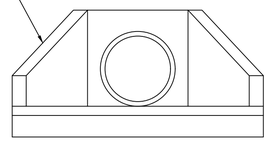
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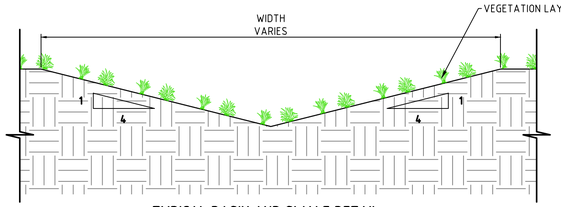
TYPICAL END STRUCTURE PLAN
SCALE N.T.S

DIMENSIONS		
PIPE	A (mm)	B (mm)
DN375	800	1725
DN300	800	1620
DN150	800	1360

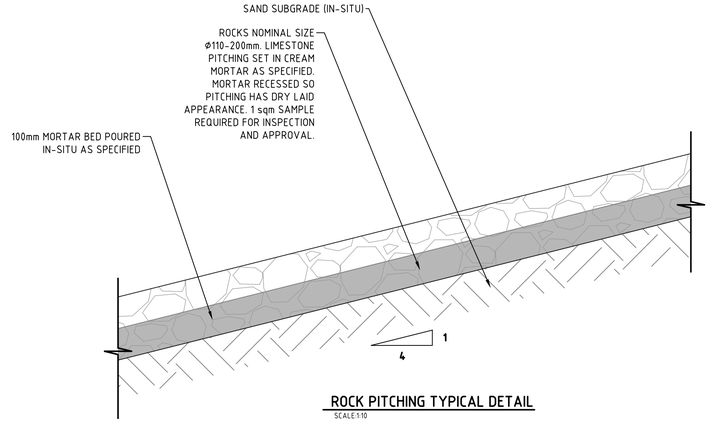


TYPICAL DETAIL: CULVERT HEADWALL
SCALE N.T.S

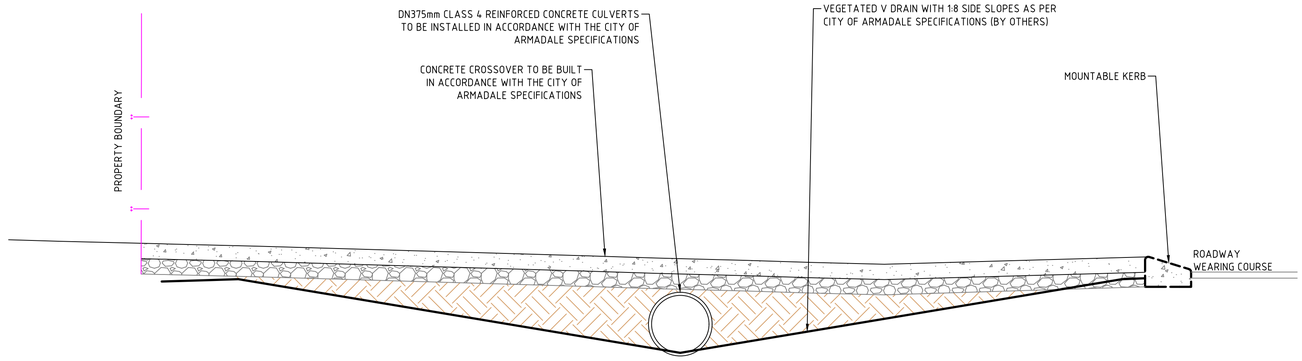
NOTES:
1. CONCRETE 32 MPa, COVER 65mm TO SOIL, 50mm TO FORMED FACES.
2. WALL & WINGS 150mm THICK WITH N12@200 FF, EXPOSURE A2.
3. FOOTING 200mm THICK; PROJECTION ≥ 600mm EACH SIDE OF PIPE.
4. CUTOFF 200 x 300 DEEP AT DOWNSTREAM EDGE.
5. PIPE PENETRATION: CORE HOLE = PIPE OD + TOLERANCE,
6. ROCK PICHING: T=150mm OVER GRADED FILTER AND NON-WOVEN CLASS C GEOTEXTILE,



TYPICAL BASIN AND SWALE DETAIL
SCALE 1:20



ROCK PITCHING TYPICAL DETAIL
SCALE 1:10



TYPICAL CONCRETE CROSSOVER DETAIL
SCALE 1:20

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ORIG SIZE A1

0 10 20 30 40 50 100mm
AT ORIGINAL PLOT SIZE

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METADATA
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V: AHD
SURVEY SOURCE & DATE:

DESIGNED: MM
DRAWN: MM
PROJECT MANAGER: COLIN LEEK

PROJECT: LOT 200 EDISON CCT
DRAWING TITLE: TYPICAL DETAILS SHEET 2 OF 2
DRAWING NUMBER: C-201
Revision : 0
CSE PROJECT NUMBER: CSE-2425-140

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