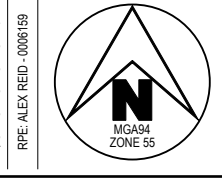


F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24
E	ISSUED FOR CONSTRUCTION	SA	SA	HB	HB	11/12/23
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	HB	HB	26/10/23
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB	HB	20/10/23
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23
REV	REVISION	DES	DWG	CHK	AUTH	DATE



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SCALE 1:1,000
LENGTHS ARE IN METRES - PAPER SIZE A3

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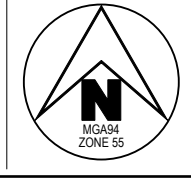
IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
OVERALL DEVELOPMENT PLAN
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD

DWG STATUS: **FOR CONSTRUCTION**
PROJECT & DWG No: 1352031R02 / 22

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PLOT DATE: 23/01/2024 FILE: C:\TZD\DATA\TOMKINSON\53 DUKES LANE STRATHFIELDSAYE\3089ENG\06\CAD\CURRENT\STAGE 31\1352031 R-D PLANS REV F.DWG



REV	DES	DWG	CHK	AUTH	DATE
F	SA	SA	AR	AR	25/01/24
E	SA	SA	AR	AR	11/12/23
D	NJB	SA	AR	AR	24/11/23
C	SA	SA	AR	AR	26/10/23
B	SA	SA	AR	AR	20/10/23
A	NJB	SA	AR	AR	18/08/23



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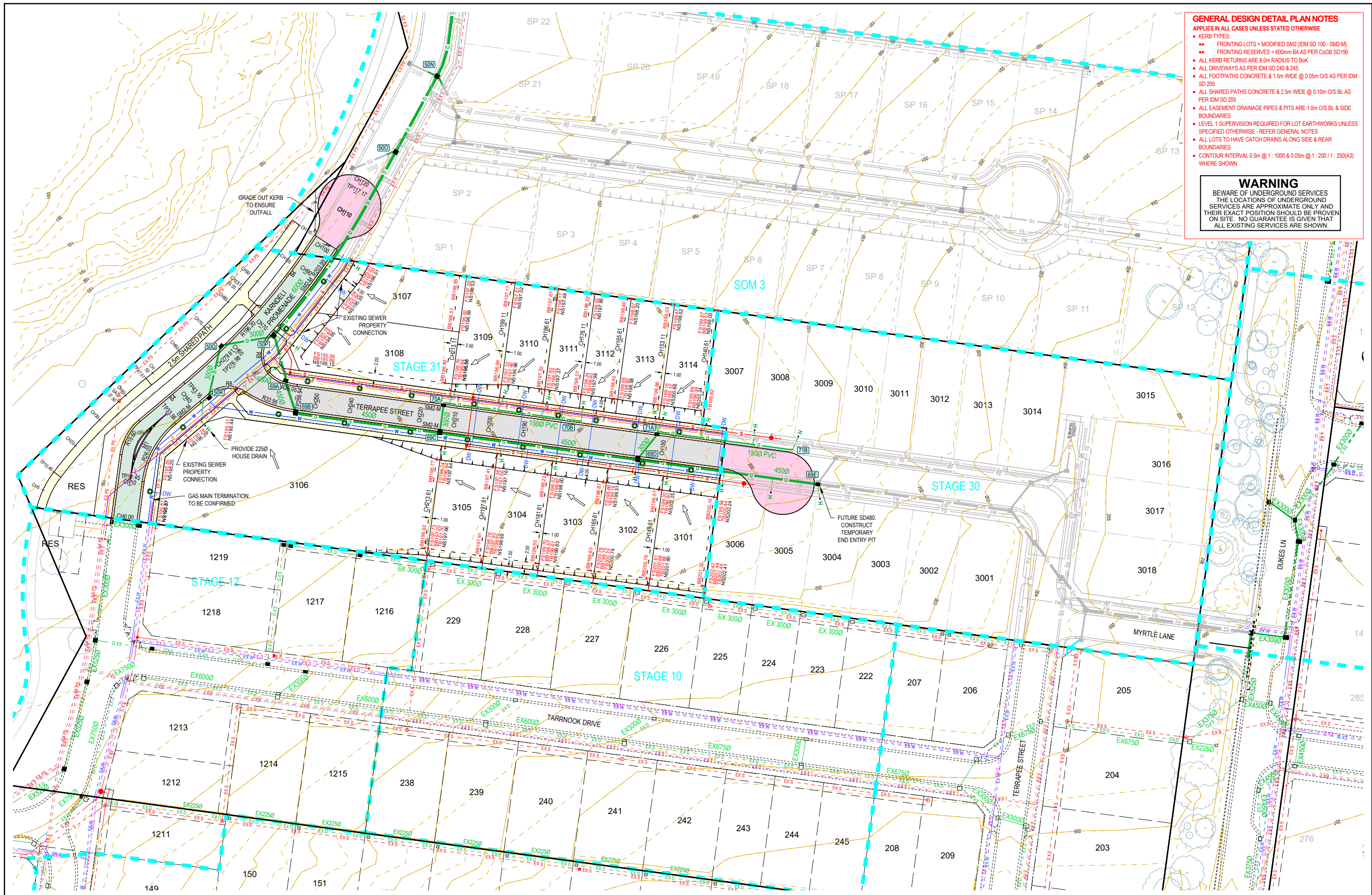
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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
 EXISTING CONDITIONS & TBM PLAN
 CITY OF GREATER BENDIGO REF: DS/377/2022
 EMU CREEK HOLDINGS 2 PTY LTD

DWG STATUS: **FOR CONSTRUCTION**
 PROJECT & DWG No: 1352031R03 / 22

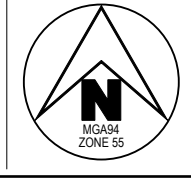
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- GENERAL DESIGN DETAIL PLAN NOTES**
 APPLIES IN ALL CASES UNLESS STATED OTHERWISE
- KERB TYPES:
 - FRONTING LOTS = MODIFIED SM2 (DM SD 100 - SM2-M)
 - FRONTING RESERVES = 600mm B4 AS PER CoGB SD190
 - ALL KERB RETURNS ARE 8.0m RADIUS TO BOK
 - ALL DRIVEWAYS AS PER DIM SD 240 & 245
 - ALL FOOTPATHS CONCRETE & 1.5m WIDE @ 0.05m O/S AS PER DIM SD 205
 - ALL SHARED PATHS CONCRETE & 2.5m WIDE @ 0.10m O/S BL AS PER DIM SD 205
 - ALL EASEMENT DRAINAGE PIPES & PITS ARE 1.0m O/S BL & SIDE BOUNDARIES
 - LEVEL 1 SUPERVISION REQUIRED FOR LOT EARTHWORKS UNLESS SPECIFIED OTHERWISE - REFER GENERAL NOTES
 - ALL LOTS TO HAVE CATCH DRAINS ALONG SIDE & REAR BOUNDARIES
 - CONTOUR INTERVAL 0.5m @ 1:1000 & 0.05m @ 1:200 (1:250(A3)) WHERE SHOWN

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24
E	ISSUED FOR CONSTRUCTION	SA	HB			11/12/23
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	NJB	SA	HB		26/10/23
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	HB			20/10/23
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23
REV	REVISION	DES	DWG	CHK	AUTH	DATE



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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
 DETAIL PLAN
 CITY OF GREATER BENDIGO REF: DS/377/2022
 EMU CREEK HOLDINGS 2 PTY LTD
 DWG STATUS: **FOR CONSTRUCTION**
 PROJECT & DWG No: 1352031R04 / 22
 REV: F

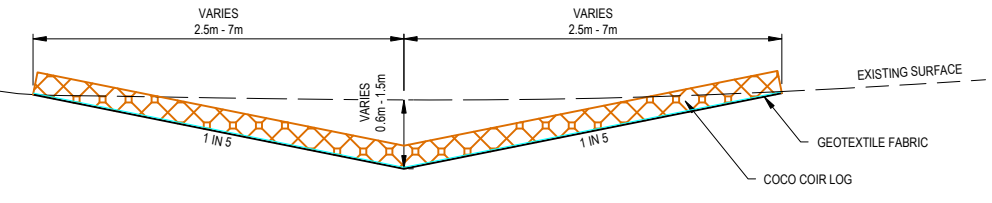
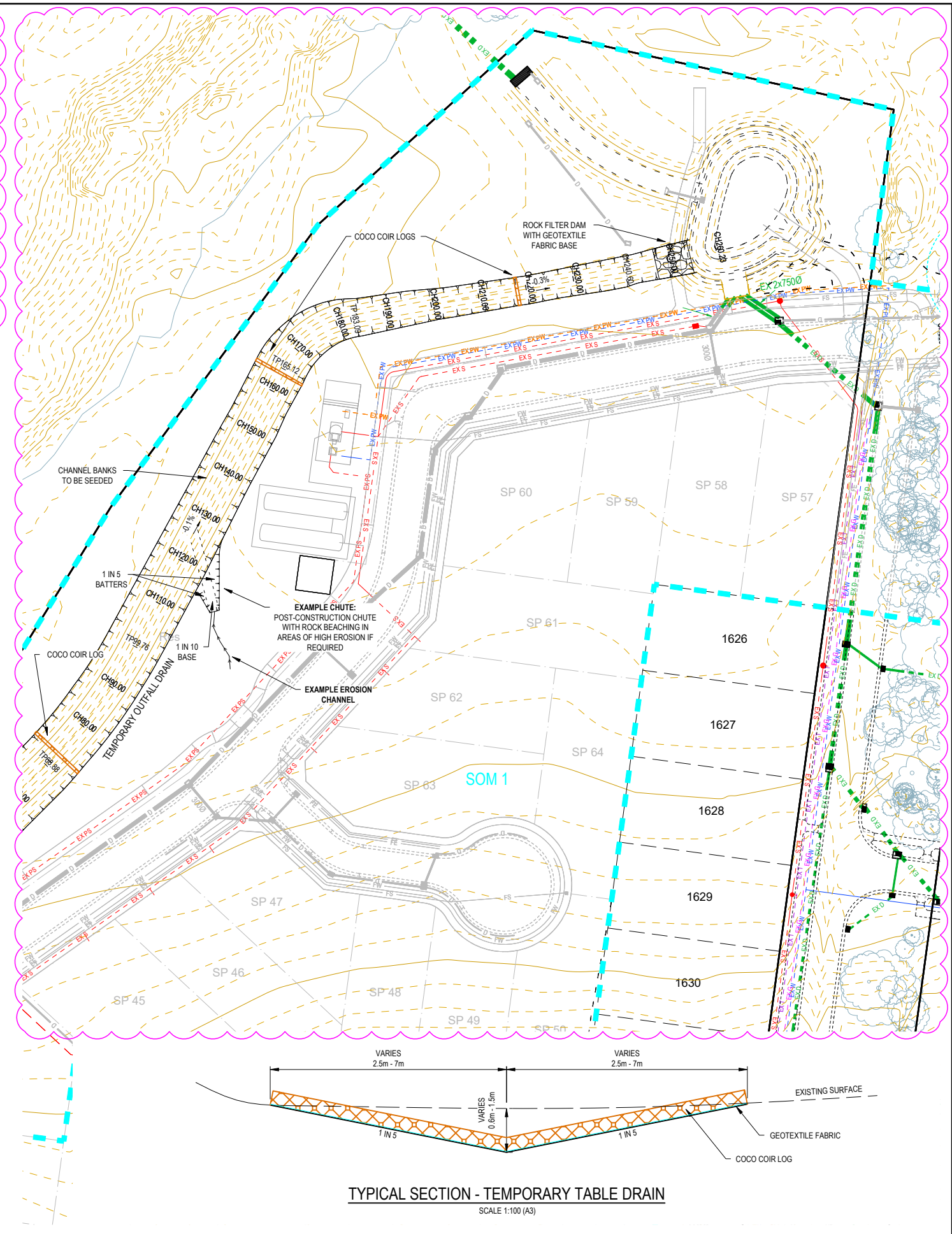
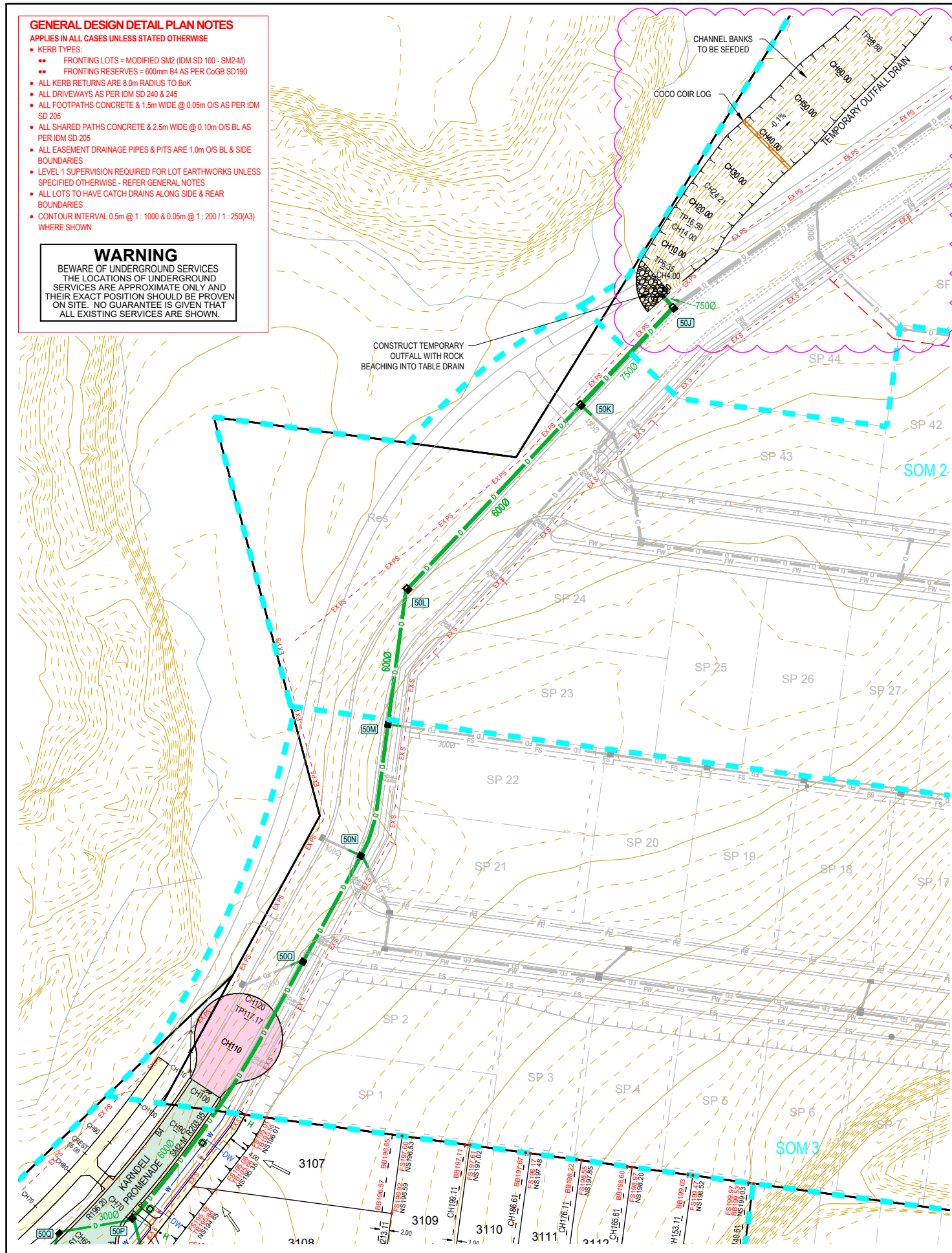
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 PLOT DATE: 25/01/2024 FILE: C:\12\DATA\TOMKINSON\1352031R04\1352031R04_01\STRATHFIELDSAYE_53DUKESLANE\CURRENT\STAGE 31\1352031R04_PLANS REV F.DWG

GENERAL DESIGN DETAIL PLAN NOTES

- APPLIES IN ALL CASES UNLESS STATED OTHERWISE
- KERB TYPES:
 - FRONTING LOTS = MODIFIED SM2 (DM SD 100 - SM2-M)
 - FRONTING RESERVES = 600mm B4 AS PER CoG8 SD190
 - ALL KERB RETURNS ARE 8.0m RADIUS TO BOK
 - ALL DRIVEWAYS AS PER IDM SD 240 & 245
 - ALL FOOTPATHS CONCRETE & 1.5m WIDE @ 0.05m O/S AS PER IDM SD 205
 - ALL SHARED PATHS CONCRETE & 2.5m WIDE @ 0.10m O/S BL AS PER IDM SD 205
 - ALL EASEMENT DRAINAGE PIPES & PITS ARE 1.0m O/S BL & SIDE BOUNDARIES
 - LEVEL 1 SUPERVISION REQUIRED FOR LOT EARTHWORKS UNLESS SPECIFIED OTHERWISE - REFER GENERAL NOTES
 - ALL LOTS TO HAVE CATCH DRAINS ALONG SIDE & REAR BOUNDARIES
 - CONTOUR INTERVAL 0.5m @ 1:1000 & 0.05m @ 1:200 / 1:250(A3) WHERE SHOWN

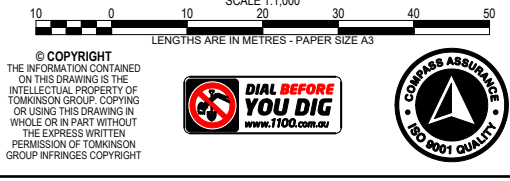
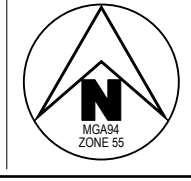
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TYPICAL SECTION - TEMPORARY TABLE DRAIN
SCALE 1:100 (A3)

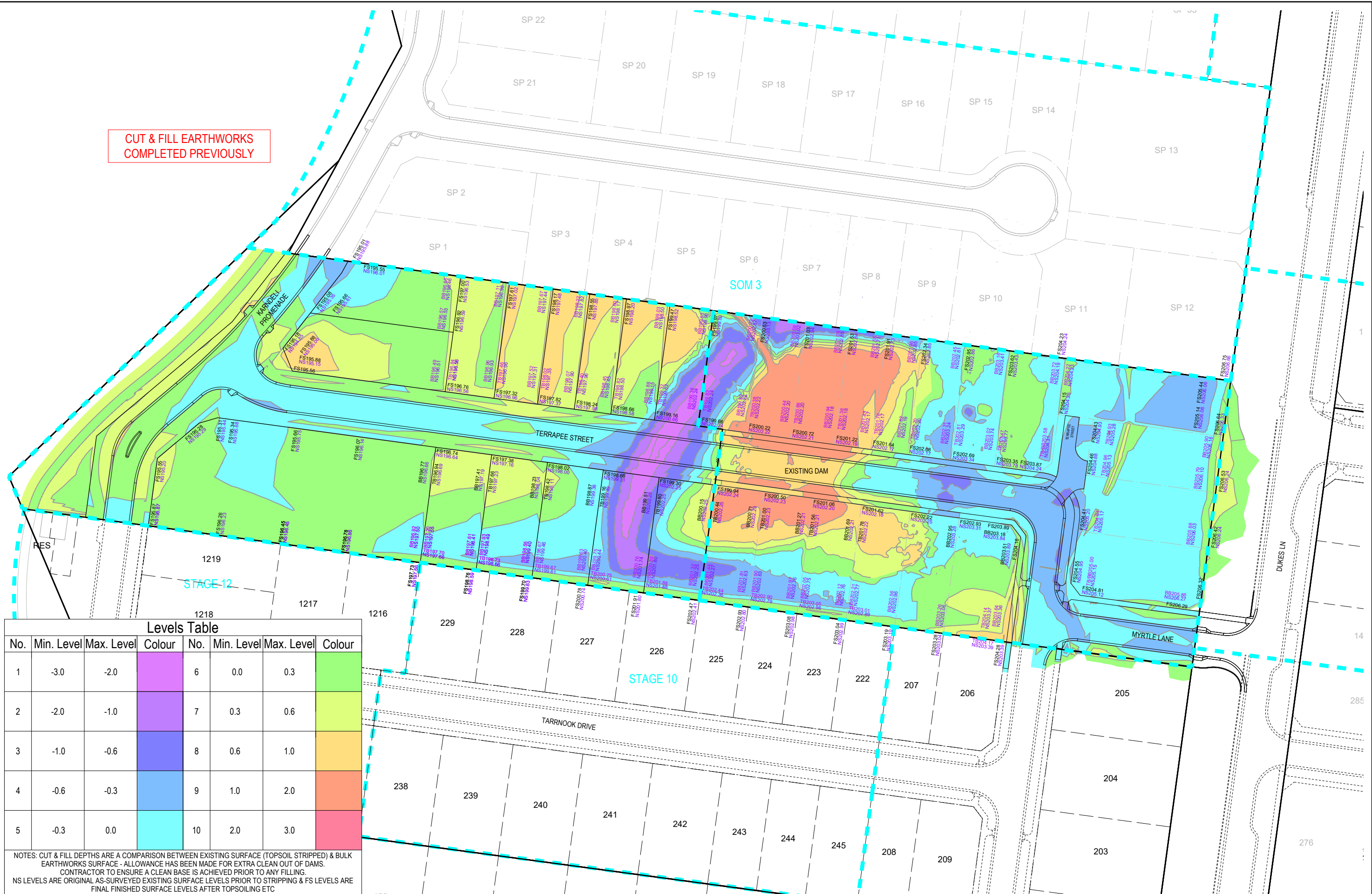
F AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA SA AR AR 25/01/24
E ISSUED FOR CONSTRUCTION	SA SA HB 11/12/23
D ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB SA AR 24/11/23
C ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	NJB SA HB 26/10/23
B FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA SA HB 20/10/23
A AS SUBMITTED TO COUNCIL	NJB SA AR AR 18/08/23
REV	DES DWG CHK AUTH DATE



IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
DRAINAGE OUTFALL DETAIL PLAN
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD
DWG STATUS:
FOR CONSTRUCTION PROJECT & DWG No: 1352031R05 / 22 REV: F

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PLOT DATE: 25/01/2024 FILE: C:\12\024\DATA\TOMKING-12505113520\3088ENG03\03\CURRENT\STAGE 31\1352031 R-D PLANS REV F.DWG

CUT & FILL EARTHWORKS COMPLETED PREVIOUSLY



Levels Table

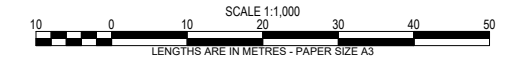
No.	Min. Level	Max. Level	Colour	No.	Min. Level	Max. Level	Colour
1	-3.0	-2.0	Purple	6	0.0	0.3	Green
2	-2.0	-1.0	Dark Blue	7	0.3	0.6	Yellow
3	-1.0	-0.6	Medium Blue	8	0.6	1.0	Orange
4	-0.6	-0.3	Light Blue	9	1.0	2.0	Red
5	-0.3	0.0	Cyan	10	2.0	3.0	Pink

NOTES: CUT & FILL DEPTHS ARE A COMPARISON BETWEEN EXISTING SURFACE (TOPSOIL STRIPPED) & BULK EARTHWORKS SURFACE - ALLOWANCE HAS BEEN MADE FOR EXTRA CLEAN OUT OF DAMS.
 CONTRACTOR TO ENSURE A CLEAN BASE IS ACHIEVED PRIOR TO ANY FILLING.
 NS LEVELS ARE ORIGINAL AS-SURVEYED EXISTING SURFACE LEVELS PRIOR TO STRIPPING & FS LEVELS ARE FINAL FINISHED SURFACE LEVELS AFTER TOPSOILING ETC

F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24
E	ISSUED FOR CONSTRUCTION	SA	HB			11/12/23
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	HB			26/10/23
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	HB			20/10/23
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23
REV	REVISION	DES	DWG	CHK	AUTH	DATE



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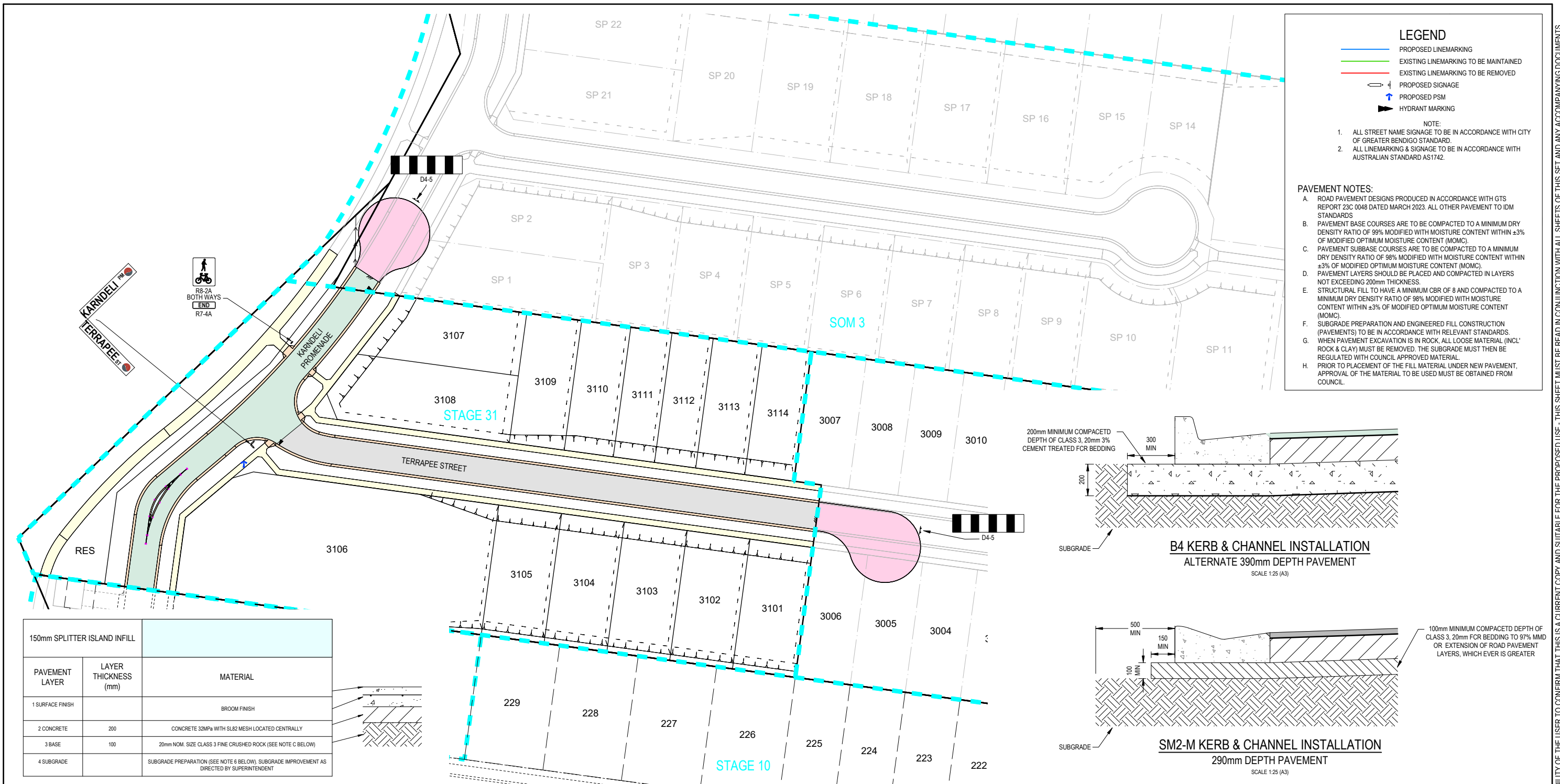
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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
 CUT & FILL DEPTH RANGE & LOT LEVELS
 CITY OF GREATER BENDIGO REF: DS/377/2022
 EMU CREEK HOLDINGS 2 PTY LTD

DWG STATUS: **FOR CONSTRUCTION** PROJECT & DWG No: 1352031R06 / 22

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 PLOT DATE: 25/01/2024 FILE: C:\TZD\DATA\TOMKINSON\3089ENG\DWG\CURRENT\STAGE 31\1352031 R-D PLANS REV F.DWG



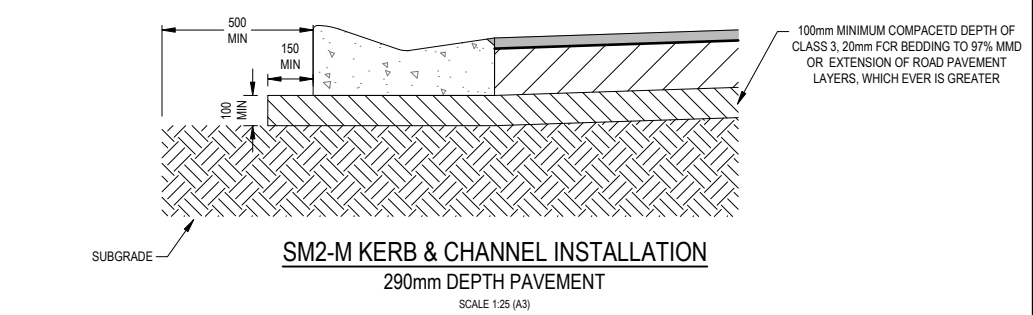
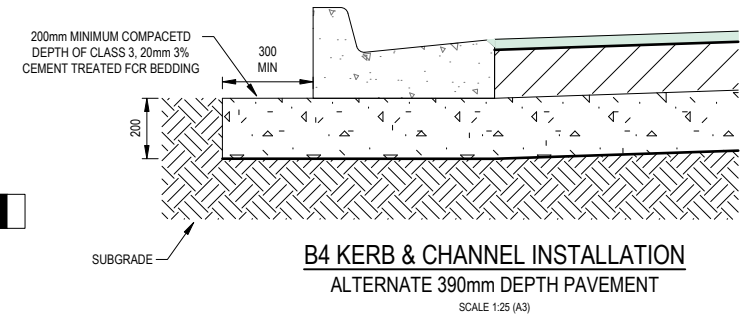
LEGEND

- PROPOSED LINEMARKING
- EXISTING LINEMARKING TO BE MAINTAINED
- EXISTING LINEMARKING TO BE REMOVED
- PROPOSED SIGNAGE
- PROPOSED PSM
- HYDRANT MARKING

NOTE:

- ALL STREET NAME SIGNAGE TO BE IN ACCORDANCE WITH CITY OF GREATER BENDIGO STANDARD.
- ALL LINEMARKING & SIGNAGE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1742.

- ### PAVEMENT NOTES:
- ROAD PAVEMENT DESIGNS PRODUCED IN ACCORDANCE WITH GTS REPORT 23C 0048 DATED MARCH 2023. ALL OTHER PAVEMENT TO IDM STANDARDS
 - PAVEMENT BASE COURSES ARE TO BE COMPACTED TO A MINIMUM DRY DENSITY RATIO OF 99% MODIFIED WITH MOISTURE CONTENT WITHIN ±3% OF MODIFIED OPTIMUM MOISTURE CONTENT (MOMC).
 - PAVEMENT SUBBASE COURSES ARE TO BE COMPACTED TO A MINIMUM DRY DENSITY RATIO OF 98% MODIFIED WITH MOISTURE CONTENT WITHIN ±3% OF MODIFIED OPTIMUM MOISTURE CONTENT (MOMC).
 - PAVEMENT LAYERS SHOULD BE PLACED AND COMPACTED IN LAYERS NOT EXCEEDING 200mm THICKNESS.
 - STRUCTURAL FILL TO HAVE A MINIMUM CBR OF 8 AND COMPACTED TO A MINIMUM DRY DENSITY RATIO OF 98% MODIFIED WITH MOISTURE CONTENT WITHIN ±3% OF MODIFIED OPTIMUM MOISTURE CONTENT (MOMC).
 - SUBGRADE PREPARATION AND ENGINEERED FILL CONSTRUCTION (PAVEMENTS) TO BE IN ACCORDANCE WITH RELEVANT STANDARDS.
 - WHEN PAVEMENT EXCAVATION IS IN ROCK, ALL LOOSE MATERIAL (INCL. ROCK & CLAY) MUST BE REMOVED. THE SUBGRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.
 - PRIOR TO PLACEMENT OF THE FILL MATERIAL UNDER NEW PAVEMENT, APPROVAL OF THE MATERIAL TO BE USED MUST BE OBTAINED FROM COUNCIL.



150mm SPLITTER ISLAND INFILL		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 SURFACE FINISH		BROOM FINISH
2 CONCRETE	200	CONCRETE 32MPa WITH SL12 MESH LOCATED CENTRALLY
3 BASE	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE C BELOW)
4 SUBGRADE		SUBGRADE PREPARATION (SEE NOTE 6 BELOW). SUBGRADE IMPROVEMENT AS DIRECTED BY SUPERINTENDENT

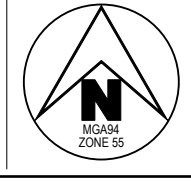
290mm DEPTH PAVEMENT		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 WEARING COURSE	30	SIZE 10 TYPE N ASPHALT
PRIME		
3 BASE COURSE	160	20mm NOM. SIZE CLASS 2 FINE CRUSHED ROCK (SEE NOTE B)
4 SUBBASE COURSE	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE C)
5 SUBGRADE	300	SUBGRADE STABILISATION 3% LIME & 3% CEMENT (MINIMUM CBR 8)

390mm DEPTH PAVEMENT			ALTERNATE PAVEMENT IF SITE CONDITIONS REQUIRE
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL	
1 WEARING COURSE	30	SIZE 10 TYPE N ASPHALT	
PRIME			
3 BASE COURSE	160	20mm NOM. SIZE CLASS 2 FINE CRUSHED ROCK (SEE NOTE B)	
4 SUBBASE COURSE	200	20mm NOM. SIZE CLASS 3, 3% CEMENT TREATED FINE CRUSHED ROCK	
5 GEOTEXTILE		COMBGRID	

CONCRETE FOOTPATH & SHARED PATH PAVEMENT DETAILS (IDM SD 205)		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 SURFACE FINISH		BROOMED FINISH & TOOLED JOINTS. FINISHED SURFACE TO COMPLY WITH AS 4586 - SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS
2 CONCRETE	125	CONCRETE 32MPa WITH SL72 MESH LOCATED CENTRALLY
3 BASE	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE C)
4 SUBGRADE		SUBGRADE PREPARATION (SEE NOTE 6). SUBGRADE IMPROVEMENT AS DIRECTED BY SUPERINTENDENT

TEMPORARY GRAVEL PAVEMENT		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 BASE COURSE	100	20mm NOM. SIZE CLASS 2 FINE CRUSHED ROCK

REV	DESCRIPTION	DES	DWG	CHK	AUTH	DATE
F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24
E	ISSUED FOR CONSTRUCTION	SA	SA	HB	HB	11/12/23
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	HB	HB	26/10/23
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB	HB	20/10/23
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23



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imagine STRATHFIELDSAYE

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LENGTHS ARE IN METRES - PAPER SIZE A3

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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
PAVEMENT, SIGNAGE & LINEMARKING PLAN
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD

DWG STATUS: **FOR CONSTRUCTION** PROJECT & DWG No: 1352031R07 / 22

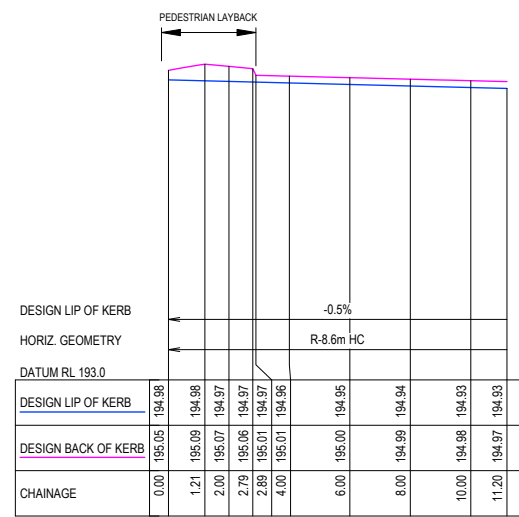
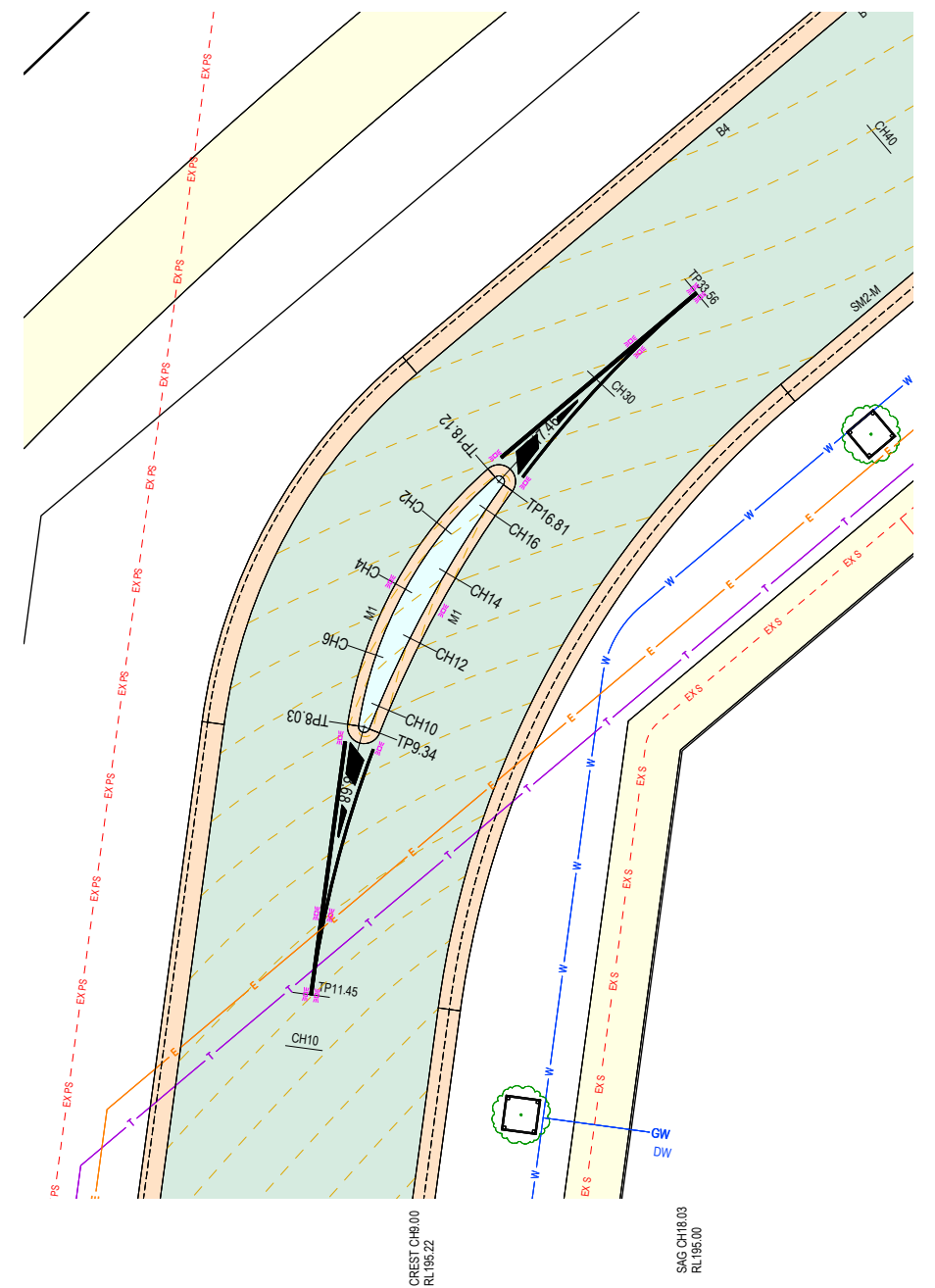
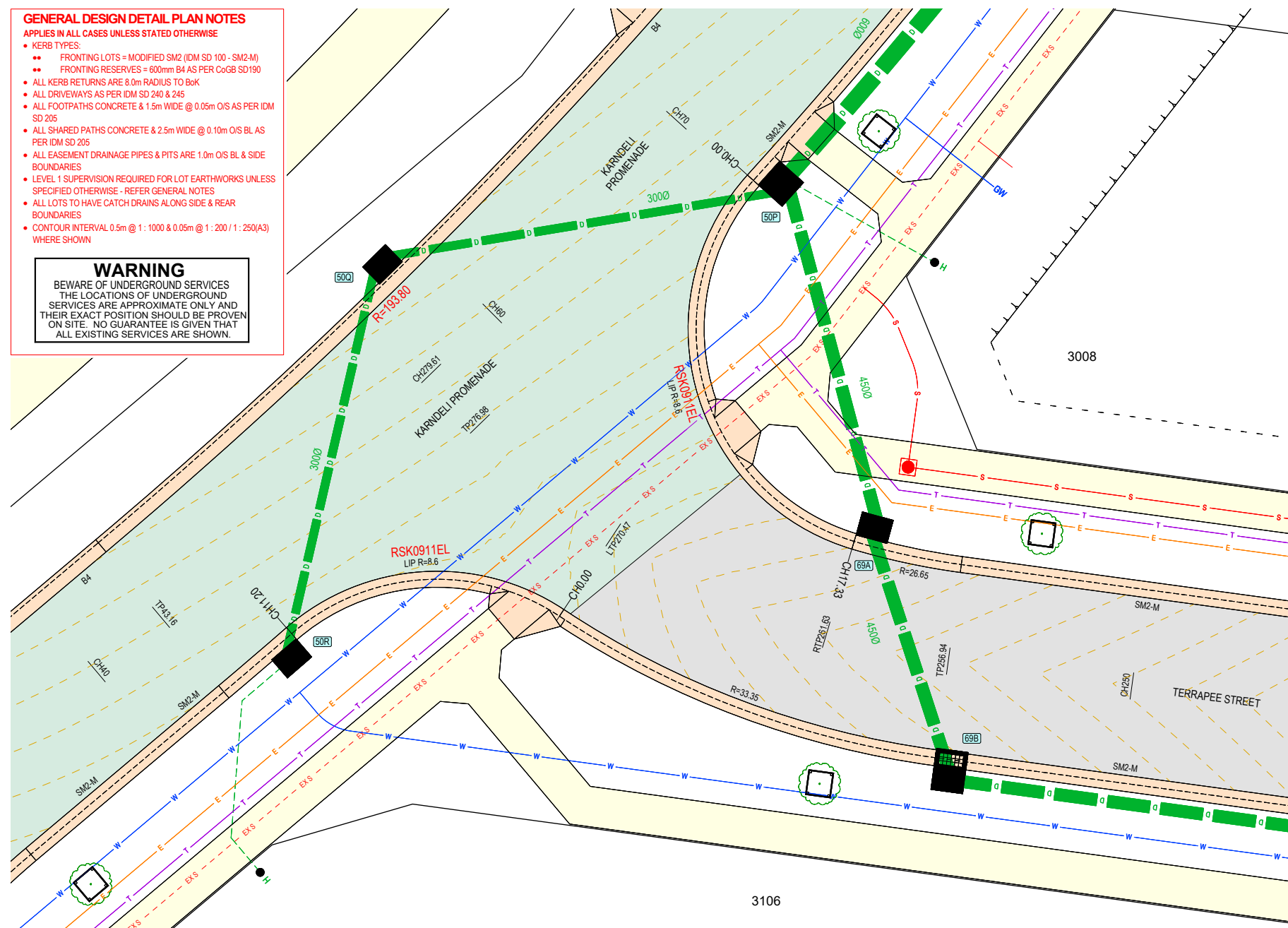
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GENERAL DESIGN DETAIL PLAN NOTES

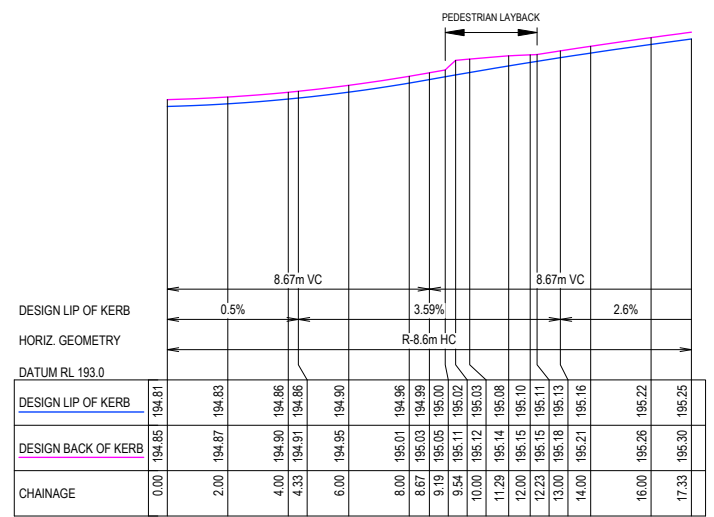
- APPLIES IN ALL CASES UNLESS STATED OTHERWISE
- KERB TYPES:
 - FRONTING LOTS = MODIFIED SM2 (IDM SD 100 - SM2-M)
 - FRONTING RESERVES = 600mm B4 AS PER CoGB SD190
- ALL KERB RETURNS ARE 8.0m RADIUS TO BxK
- ALL DRIVEWAYS AS PER IDM SD 240 & 245
- ALL FOOTPATHS CONCRETE & 1.5m WIDE @ 0.05m O/S AS PER IDM SD 205
- ALL SHARED PATHS CONCRETE & 2.5m WIDE @ 0.10m O/S BL AS PER IDM SD 205
- ALL EASEMENT DRAINAGE PIPES & PITS ARE 1.0m O/S BL & SIDE BOUNDARIES
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- CONTOUR INTERVAL 0.5m @ 1:1000 & 0.05m @ 1:200 / 1:250(A3) WHERE SHOWN

WARNING

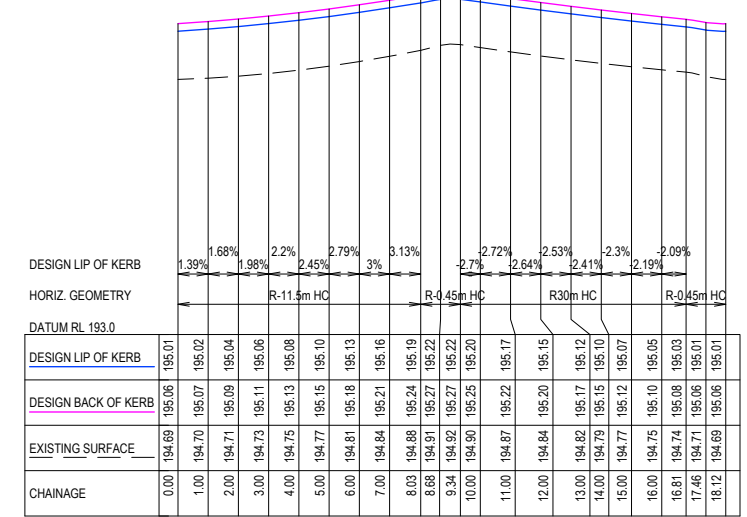
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RSK0911EL
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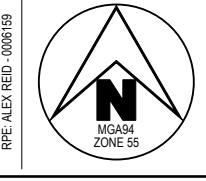


RSK0911ER
SCALE H 1:250 V 1:50



RSM09KLL
SCALE H 1:250 V 1:50

F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24
E	ISSUED FOR CONSTRUCTION	SA	SA	HB	HB	11/12/23
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	HB	HB	26/10/23
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB	HB	20/10/23
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23
REV		DES	DWG	CHK	AUTH	DATE



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STRATHFIELDSAYE

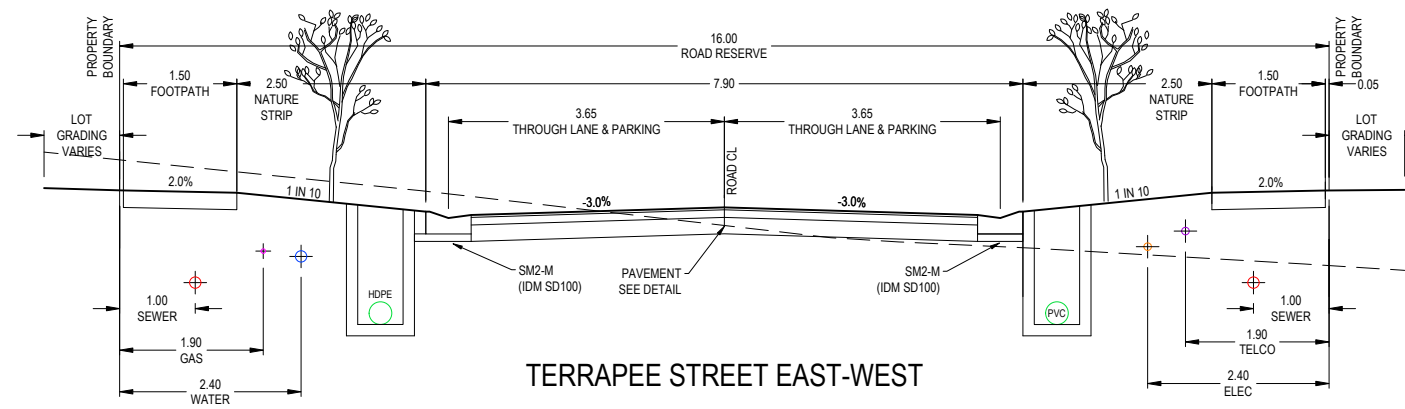
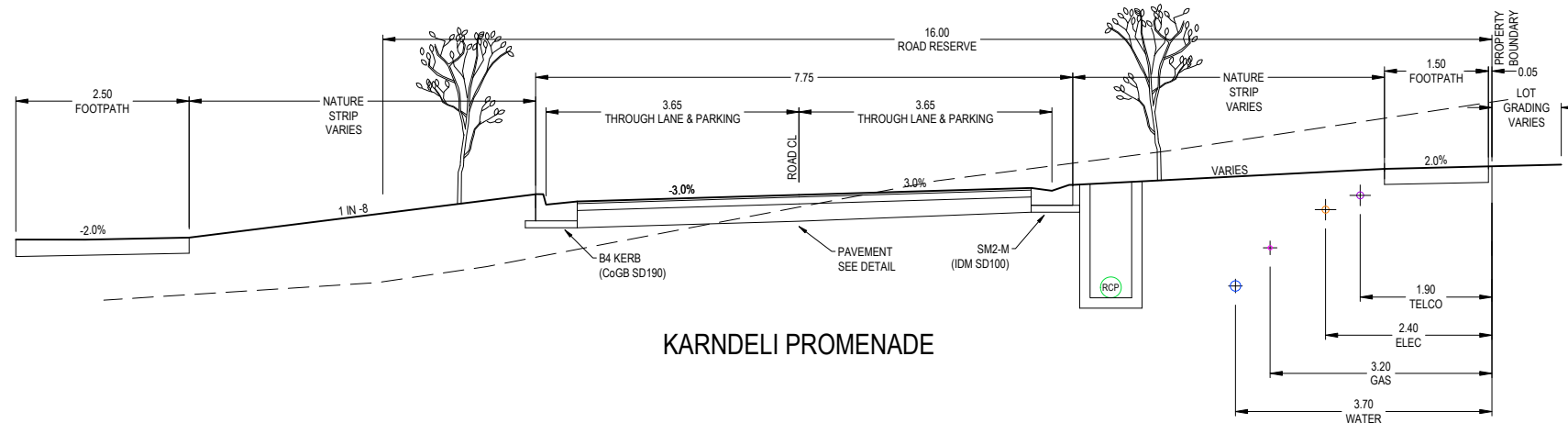
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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
INTERSECTION DETAILS & SPLITTER ISLAND
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD
DWG STATUS: **FOR CONSTRUCTION**
PROJECT & DWG No: 1352031R08 / 22

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PLOT DATE: 23/01/2024 FILE: C:\TZDD\DATA\TOMKINSON\311352031R08\STAGE 31\352031R08\PLANS REV F.DWG



F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24	RPE/ALEX RED - 0006159
E	ISSUED FOR CONSTRUCTION	SA	SA	HB	HB	11/12/23	
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23	
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	HB	HB	26/10/23	
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB	HB	20/10/23	
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23	
REV	REVISION	DES	DWG	CHK	AUTH	DATE	

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SCALE 1:100
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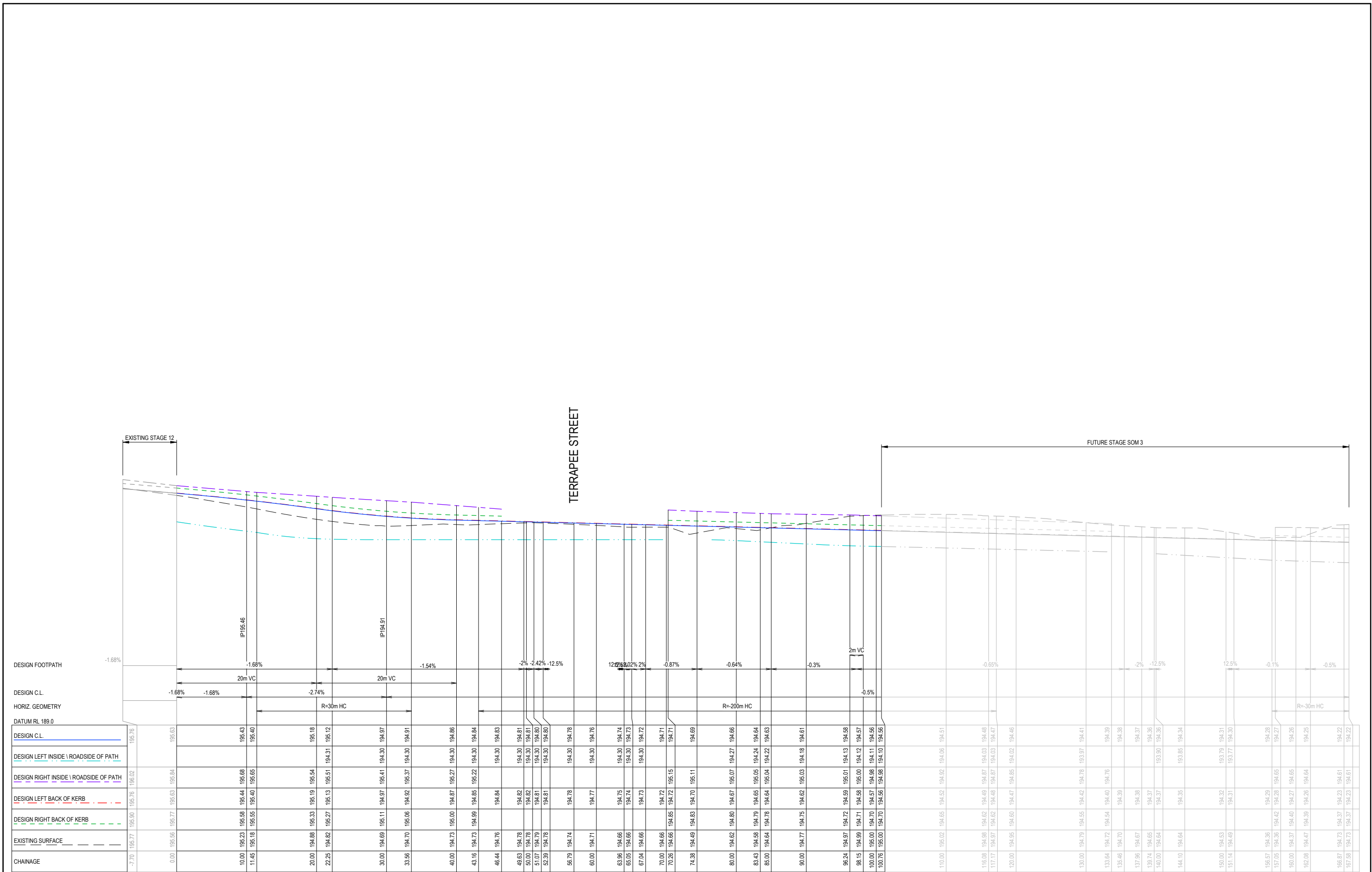
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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
TYPICAL SECTIONS
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD

DWG STATUS: PROJECT & DWG No: REV: **FOR CONSTRUCTION** 1352031R09 / 22 **F**

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PLOT DATE: 23/01/2024 FILE: C:\TZD\DATA\TOMKINSON\3088\ENGIN\CAD\CURRENT\STAGE 31\1352031 R-D PLANS REV F.DWG



DESIGN FOOTPATH	DESIGN C.L.	HORIZ. GEOMETRY	DATUM RL 189.0	DESIGN C.L.	DESIGN LEFT INSIDE \ ROADSIDE OF PATH	DESIGN RIGHT INSIDE \ ROADSIDE OF PATH	DESIGN LEFT BACK OF KERB	DESIGN RIGHT BACK OF KERB	EXISTING SURFACE	CHAINAGE
-1.68%	-1.68%	20m VC	195.76	195.63	195.02	195.64	195.77	195.56	195.77	-7.70
-1.68%	-1.68%	20m VC	195.43	195.40	195.58	195.68	195.44	195.68	195.23	10.00
-1.68%	-1.68%	20m VC	195.18	195.15	195.18	195.25	195.15	195.25	195.18	11.45
-2.74%	-2.74%	R=30m HC	195.18	195.12	194.88	195.33	195.19	195.54	194.88	20.00
-1.54%	-1.54%	20m VC	195.12	194.97	194.82	195.27	195.13	195.51	194.82	22.25
-2%	-2%	R=200m HC	194.97	194.81	194.69	195.11	194.97	195.41	194.69	30.00
-2.42%	-2.42%		194.81	194.65	194.59	195.05	194.91	195.22	194.59	43.16
-12.5%	-12.5%		194.65	194.49	194.43	194.85	194.71	195.05	194.43	46.44
12.5%	12.5%		194.49	194.33	194.27	194.65	194.51	194.85	194.27	49.63
-0.87%	-0.87%		194.33	194.17	194.11	194.49	194.35	194.65	194.11	50.00
-0.64%	-0.64%		194.17	194.01	193.95	194.33	194.19	194.49	193.95	51.07
-0.3%	-0.3%		194.01	193.85	193.79	194.17	194.03	194.33	193.79	52.39
-0.65%	-0.65%		193.85	193.69	193.63	193.85	193.71	194.03	193.63	56.79
-0.5%	-0.5%	2m VC	193.69	193.53	193.47	193.69	193.55	193.85	193.47	60.00
-0.65%	-0.65%		193.53	193.37	193.31	193.53	193.39	193.69	193.31	63.96
-2%	-2%		193.37	193.21	193.15	193.37	193.23	193.47	193.15	65.05
-12.5%	-12.5%		193.21	193.05	192.99	193.21	193.07	193.27	192.99	67.04
12.5%	12.5%		193.05	192.89	192.83	193.05	192.91	193.07	192.83	70.00
-0.1%	-0.1%		192.89	192.73	192.67	192.89	192.75	192.91	192.67	70.26
-0.5%	-0.5%		192.73	192.57	192.51	192.73	192.59	192.75	192.51	74.38
			192.57	192.41	192.35	192.57	192.43	192.57	192.35	80.00
			192.41	192.25	192.19	192.41	192.27	192.41	192.19	83.43
			192.25	192.09	192.03	192.25	192.11	192.25	192.03	85.00
			192.09	191.93	191.87	192.09	191.95	192.09	191.87	86.24
			191.87	191.71	191.65	191.87	191.73	191.87	191.65	88.15
			191.71	191.55	191.49	191.71	191.57	191.71	191.49	98.00
			191.55	191.39	191.33	191.55	191.41	191.55	191.33	98.15
			191.39	191.23	191.17	191.39	191.25	191.39	191.17	100.00
			191.23	191.07	191.01	191.23	191.09	191.23	191.01	100.76
			191.07	190.91	190.85	191.07	190.93	191.07	190.85	110.00
			190.91	190.75	190.69	190.91	190.77	190.91	190.69	116.08
			190.75	190.59	190.53	190.75	190.61	190.75	190.53	117.17
			190.59	190.43	190.37	190.59	190.45	190.59	190.37	120.00
			190.43	190.27	190.21	190.43	190.29	190.43	190.21	130.00
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			190.11	189.95	189.89	190.11	189.97	190.11	189.89	135.46
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			189.63	189.47	189.41	189.63	189.49	189.63	189.41	140.00
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			188.99	188.83	188.77	188.99	188.85	188.99	188.77	155.57
			188.83	188.67	188.61	188.83	188.69	188.83	188.61	157.05
			188.67	188.51	188.45	188.67	188.53	188.67	188.45	160.00
			188.51	188.35	188.29	188.51	188.37	188.51	188.29	162.08
			188.35	188.19	188.13	188.35	188.21	188.35	188.13	166.67
			188.19	188.03	187.97	188.19	188.05	188.19	187.97	167.58
			188.03	187.87	187.81	188.03	187.89	188.03	187.81	194.22
			187.87	187.71	187.65	187.87	187.73	187.87	187.65	194.22

F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24	RPE: ALEX RED - 0006159
E	ISSUED FOR CONSTRUCTION	SA	SA	HB	HB	11/12/23	
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23	
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	HB	HB	26/10/23	
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB	HB	20/10/23	
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23	
REV	REVISION	DES	DWG	CHK	CHK	DATE	

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SCALE H 1:500 V 1:100
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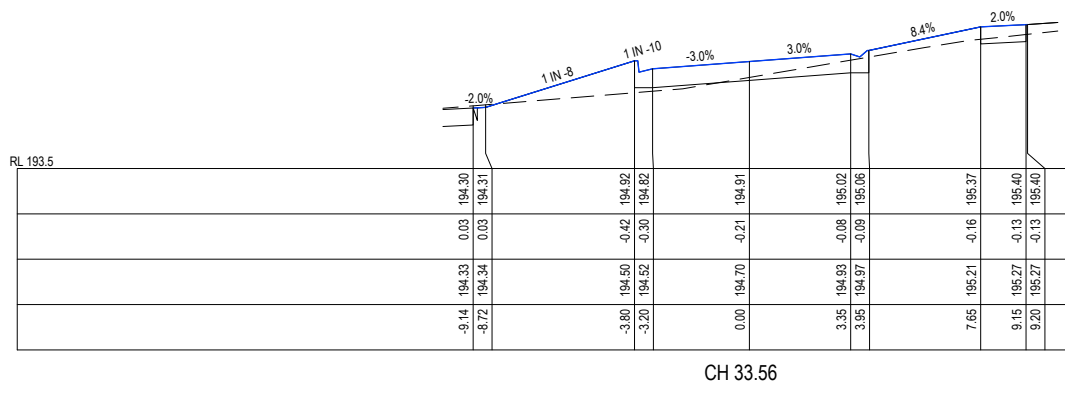
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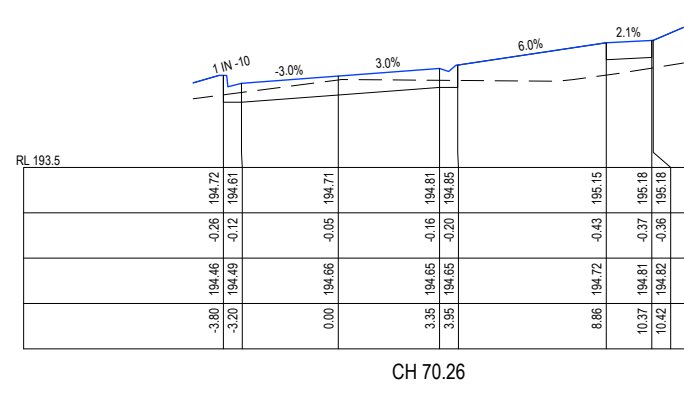
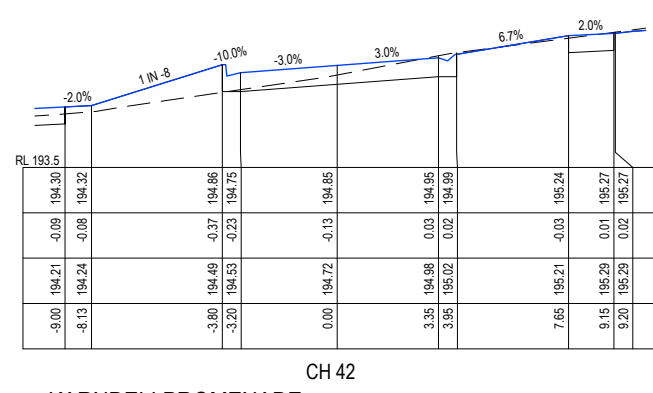
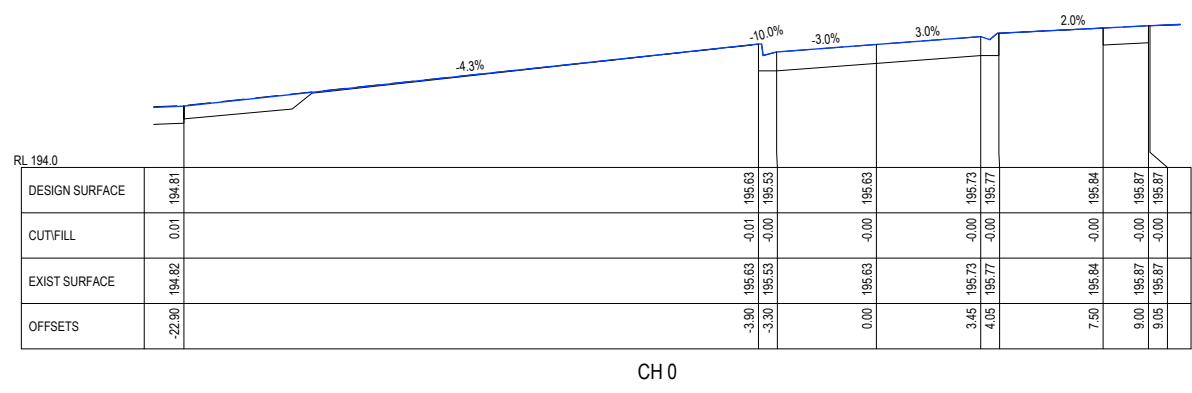
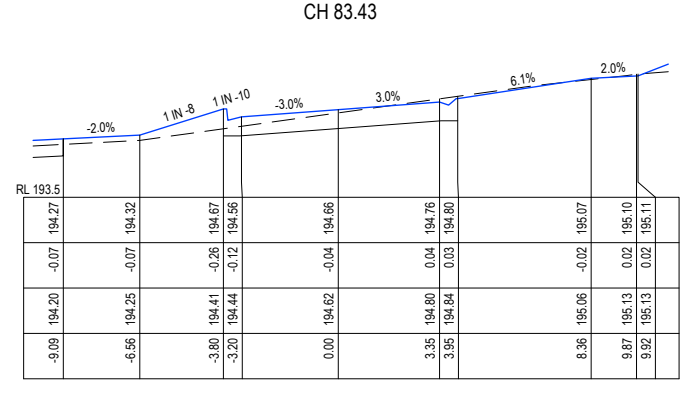
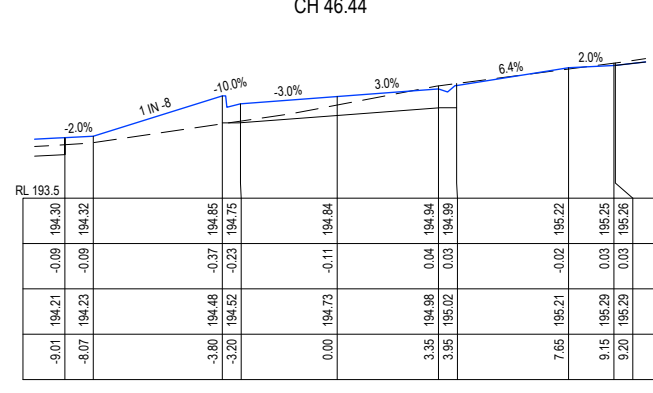
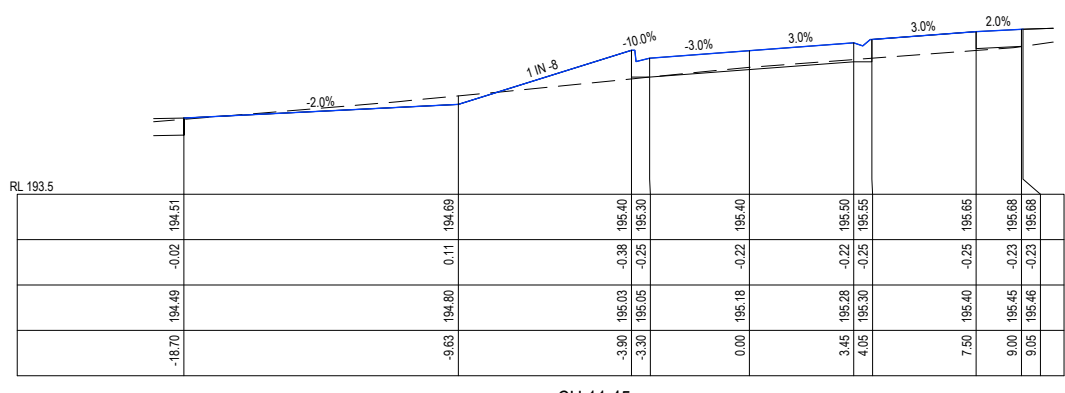
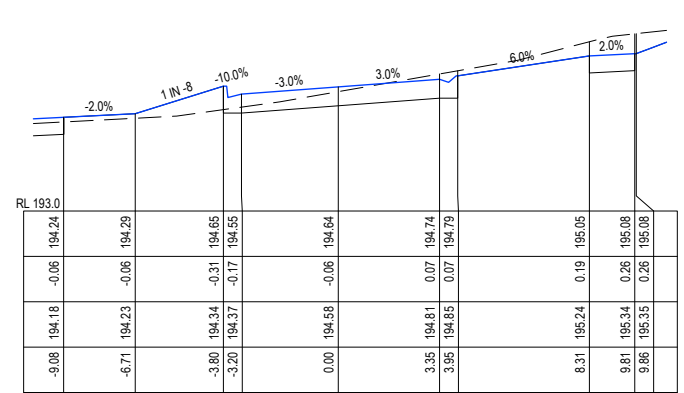
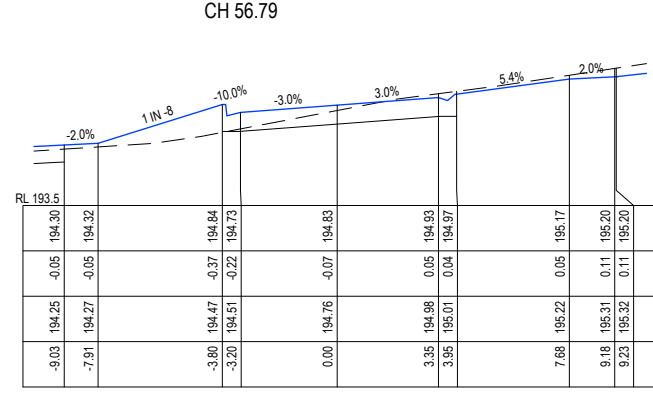
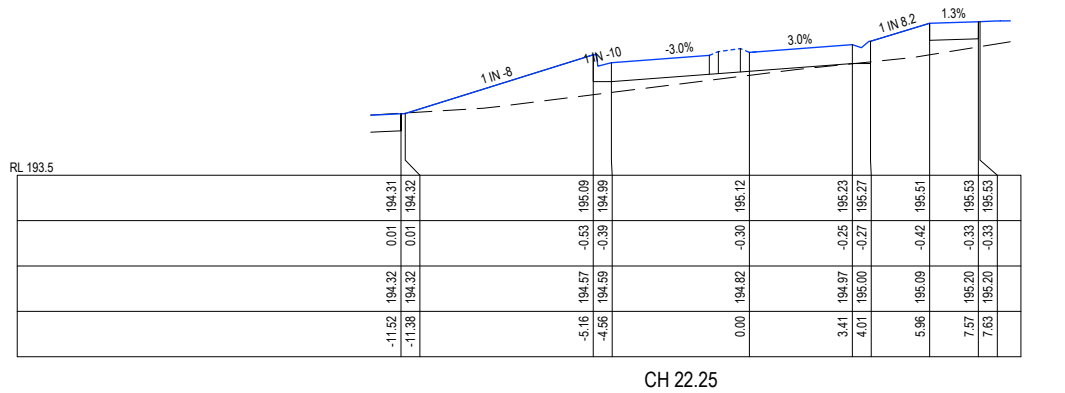
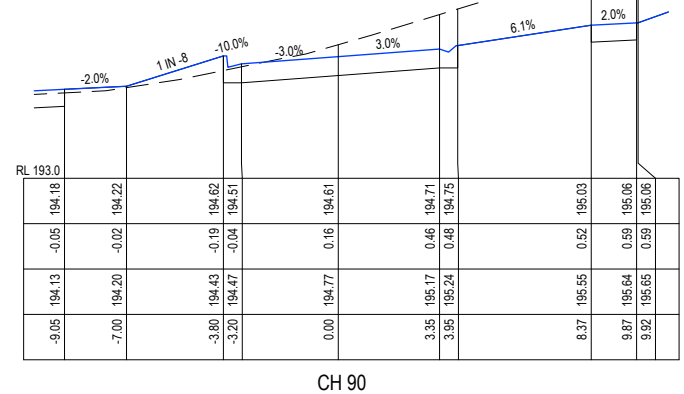
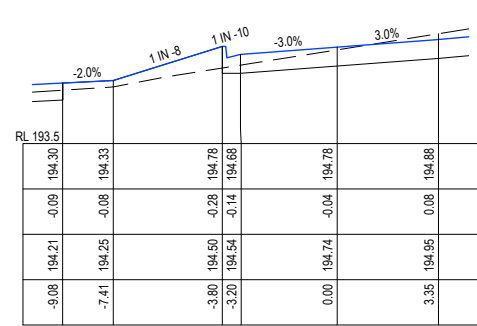
IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
KARNDALI PROMENADE LONG SECTION
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD

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PROJECT & DWG No: 1352031R10 / 22

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TERRAPEE STREET



KARNDLI PROMENADE

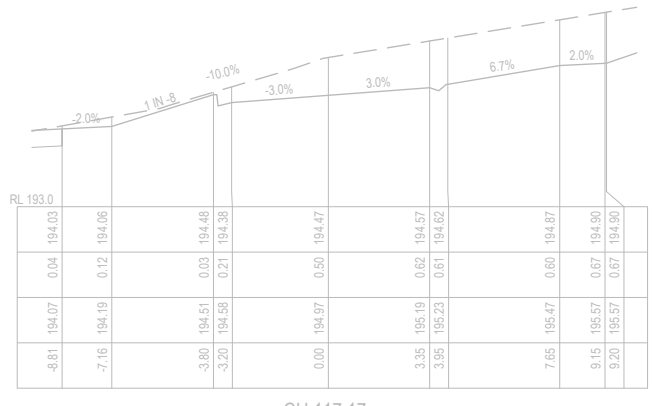
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E	ISSUED FOR CONSTRUCTION	SA	HB			11/12/23	
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR		24/11/23	
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	HB			26/10/23	
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	HB			20/10/23	
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/09/23	
REV		DES	DWG	CHK	AUTH	DATE	

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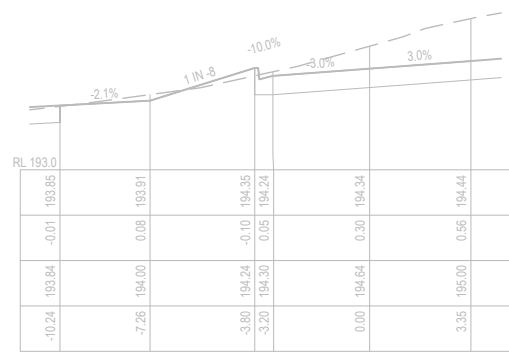
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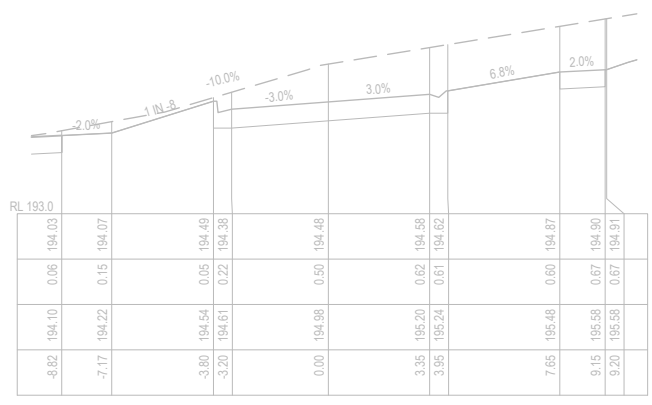
IMAGE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
KARNDLI PROMENADE CROSS SECTION (1 OF 2)
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD
DWG STATUS: **FOR CONSTRUCTION**
PROJECT & DWG No: 1352031R11 / 22



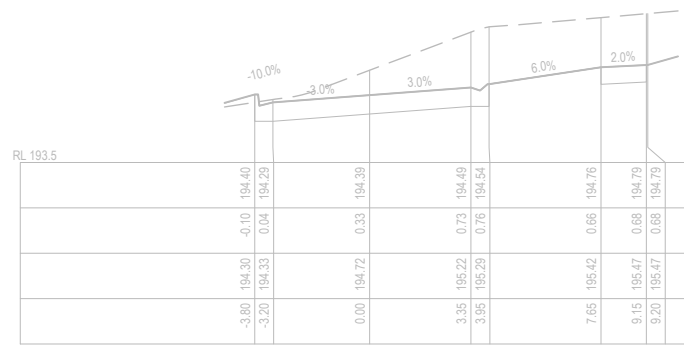
CH 117.17



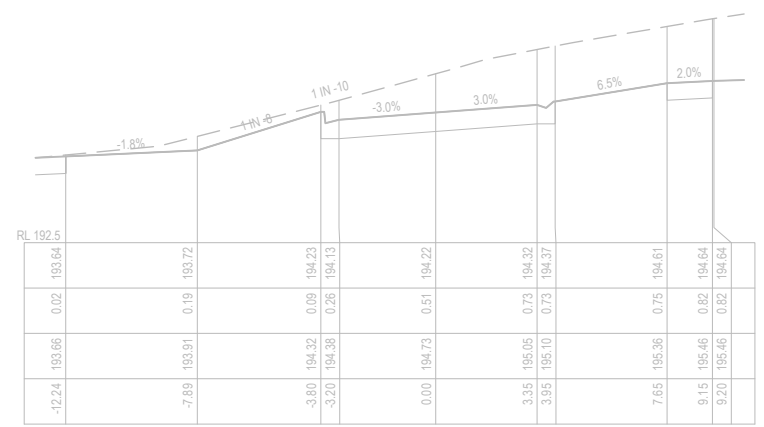
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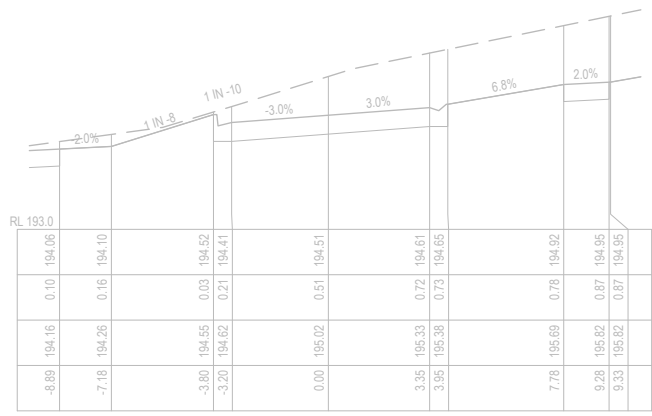
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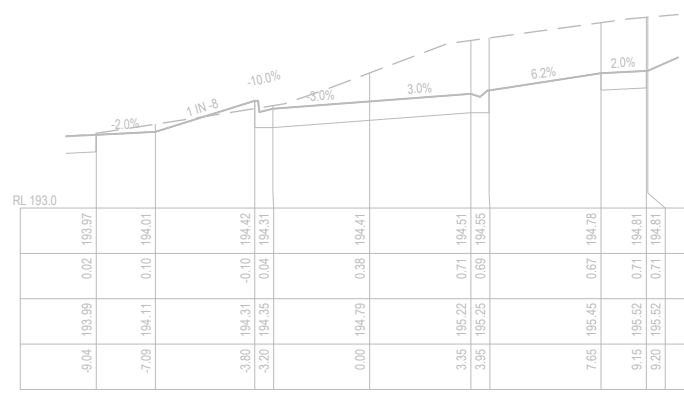
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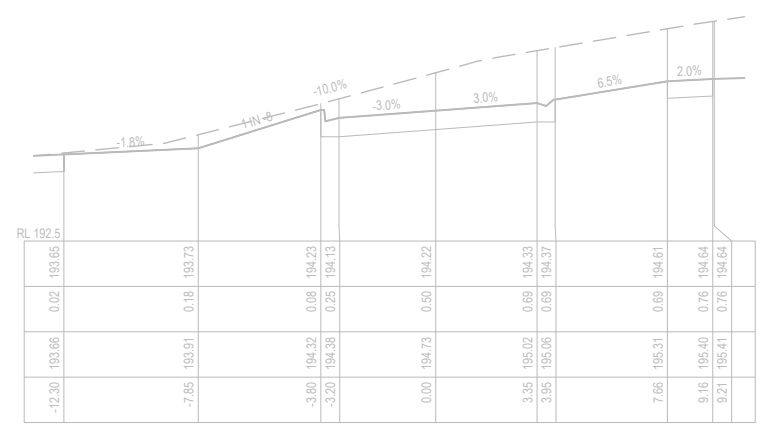
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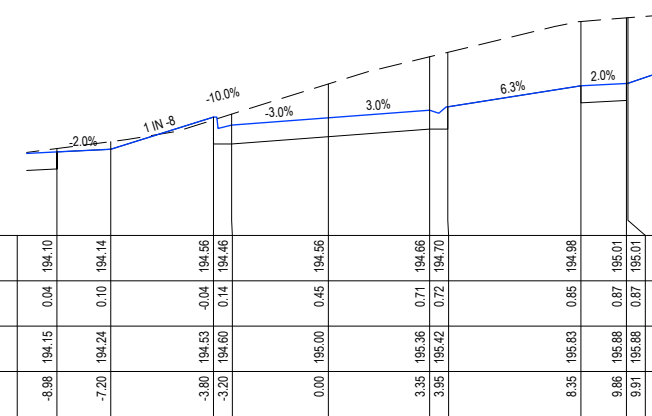
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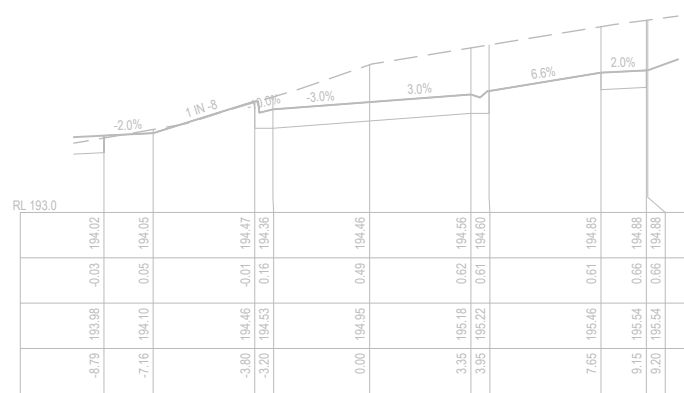
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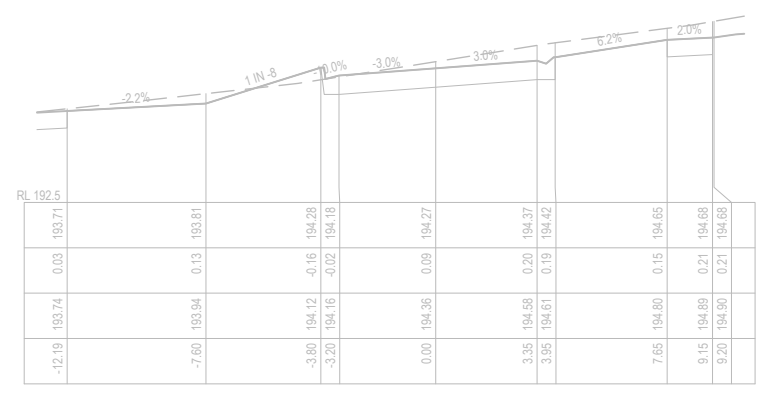
CH 166.87



CH 100.76



CH 120



CH 157.05

KARNDLI PROMENADE

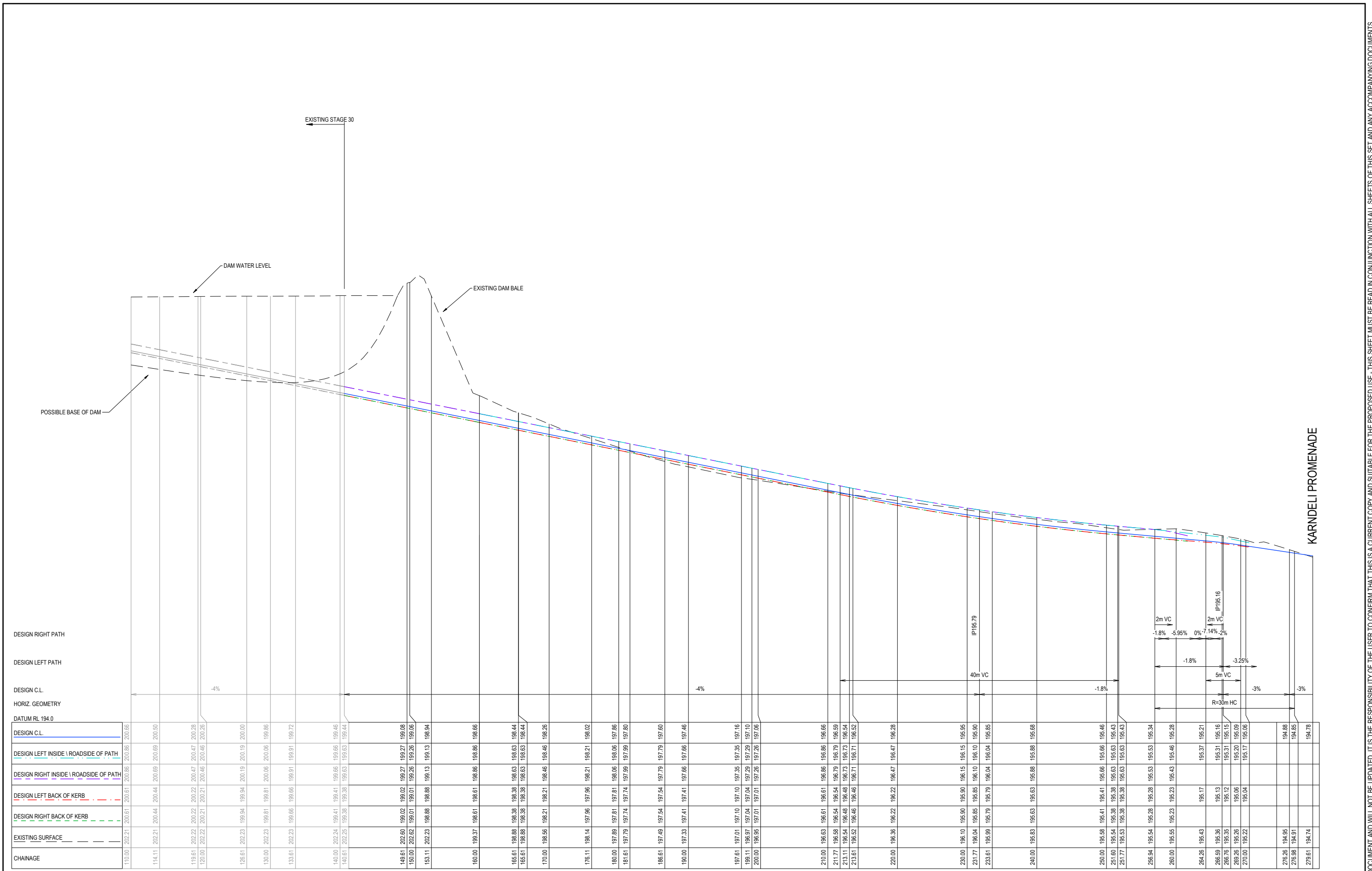
F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24	RPE ALEX REID - 0006159
E	ISSUED FOR CONSTRUCTION	SA	SA	HB	HB	11/12/23	
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23	
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	HB	HB	26/10/23	
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB	HB	20/10/23	
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/09/23	
REV	REVISION	DES	DWG	CHK	AUTH	DATE	

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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
KARNDLI PROMENADE CROSS SECTION (2 OF 2)
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD
DWG STATUS: PROJECT & DWG No: REVISION:
FOR CONSTRUCTION 1352031R12 / 22 F

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TERRAPEE ST
SCALE H 1:500 V 1:100

F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24	RPE/ALEX RED - 0006159
E	ISSUED FOR CONSTRUCTION	SA	SA	AR	AR	11/12/23	
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23	
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	AR	AR	26/10/23	
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	AR	AR	20/10/23	
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23	
REV	REVISION	DES	DWG	CHK	AUTH	DATE	

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STRATHFIELDSAYE

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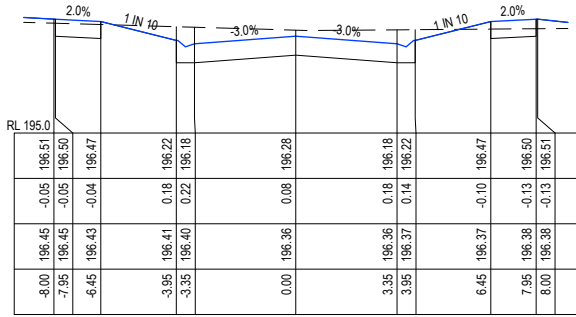
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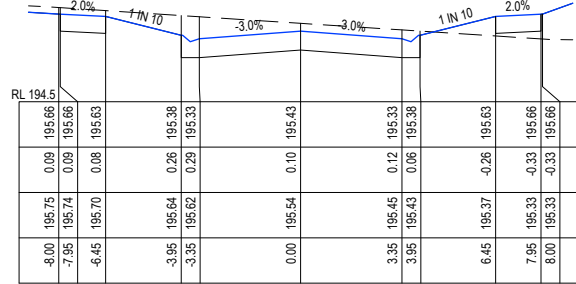
IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
TERRAPEE STREET LONG SECTION
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD

DWG STATUS: **FOR CONSTRUCTION** PROJECT & DWG No: 1352031R13 / 22 REV: F

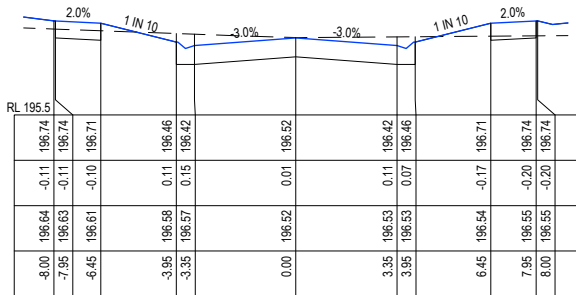
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PLOT DATE: 25/01/2024 FILE: C:\TZD\DATA\TOMKINSON\250113520\13520\13520\31 R-D PLANS REV F.DWG



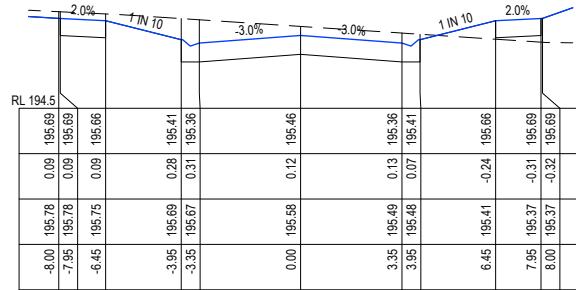
CH 220



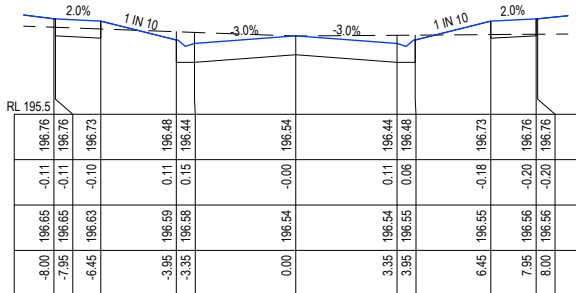
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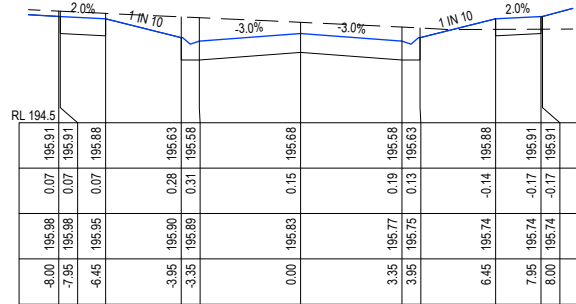
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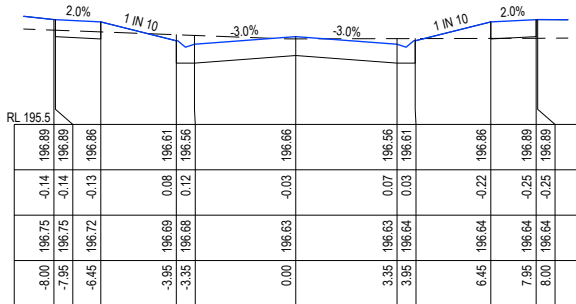
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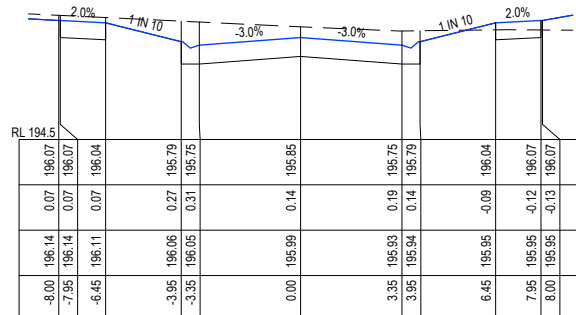
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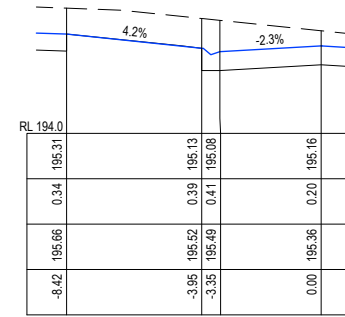
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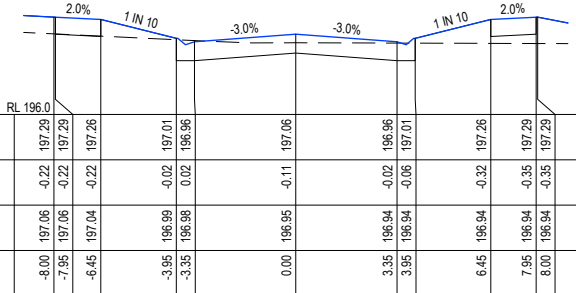
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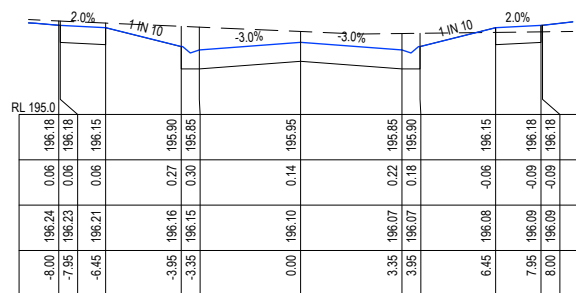
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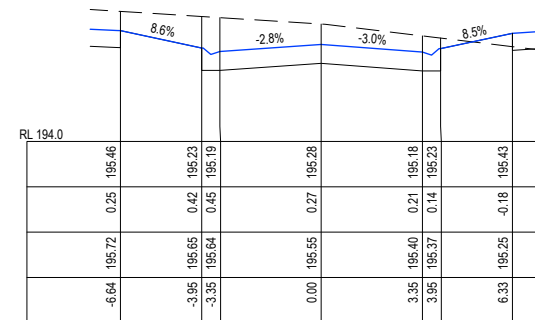
CH 266.59



CH 200



CH 230



CH 260

TERRAPEE ST
SCALE H:1:250 V:1:100

REV	DES	DWG	CHK	AUTH	DATE	REVISION
F	SA	SA	AR	AR	25/01/24	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT
E	SA	HB			11/12/23	ISSUED FOR CONSTRUCTION
D	NJB	SA	AR	AR	24/11/23	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET
C	SA	HB			26/10/23	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN
B	SA	HB			20/10/23	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN
A	NJB	SA	AR	AR	18/08/23	AS SUBMITTED TO COUNCIL

RPE: ALEX RED - 0006159



SCALE H:1:250 V:1:100

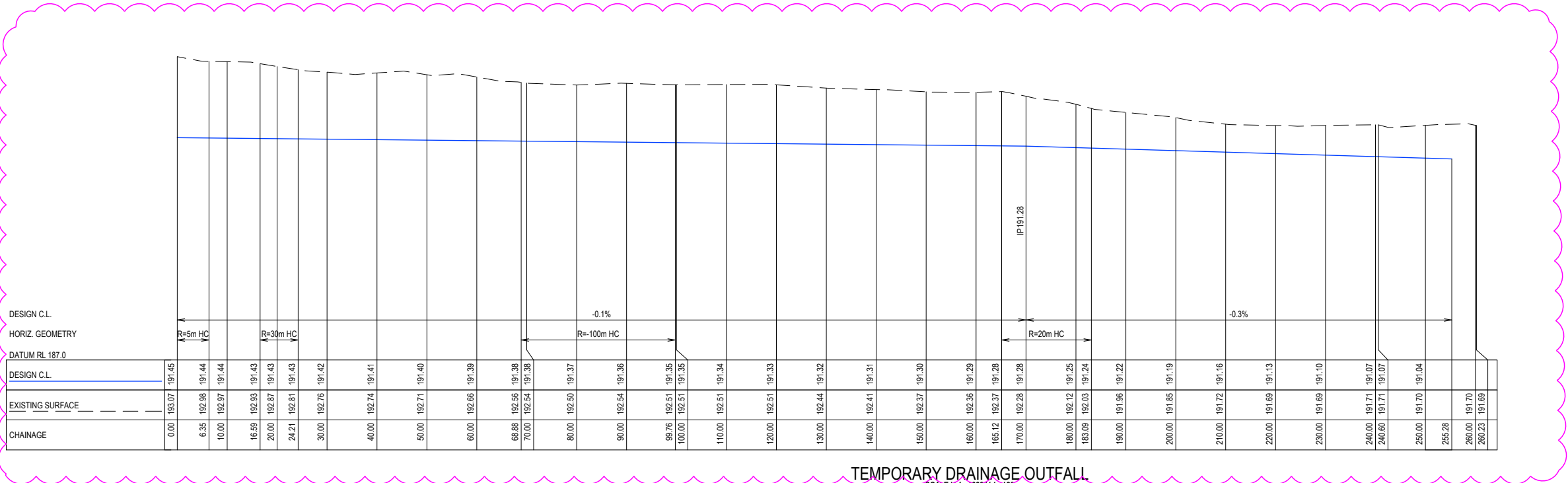
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V 1 2 3 4 5 V

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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
TERRAPEE STREET CROSS SECTION (SHEET 2 OF 2)
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD
DWG STATUS:
FOR CONSTRUCTION 1352031R15 / 22
PROJECT & DWG No: 1352031R15
REV: F



TEMPORARY DRAINAGE OUTFALL
 SCALE H 1:100 V 1:100

REV	REVISION	DES	DWG	CHK	AUTH	DATE
F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24
E	ISSUED FOR CONSTRUCTION	SA	SA	HB	AR	11/12/23
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	HB	AR	26/10/23
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB	AR	20/10/23
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23

RPE: ALEX REID - 0006159

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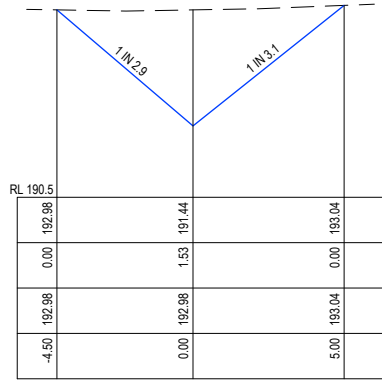
imagine
 STRATHFIELDSAYE

SCALE H 1:1,000 V 1:100
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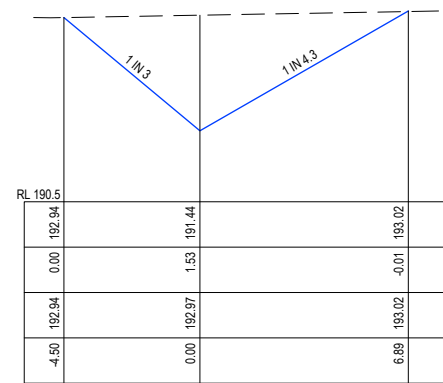
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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
TEMPORARY DRAINAGE OUTFALL LONG SECTION
 CITY OF GREATER BENDIGO REF: DS/377/2022
 EMU CREEK HOLDINGS 2 PTY LTD

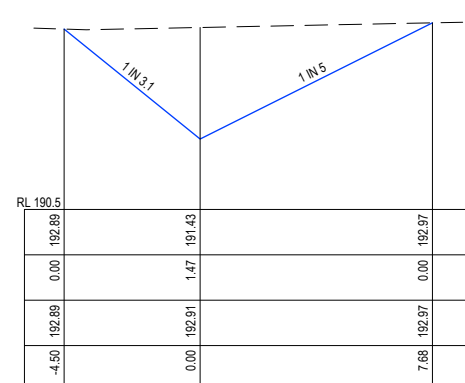
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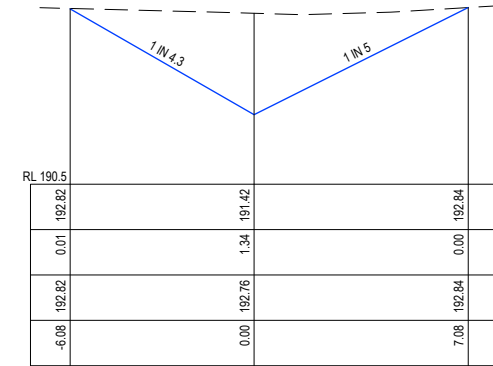
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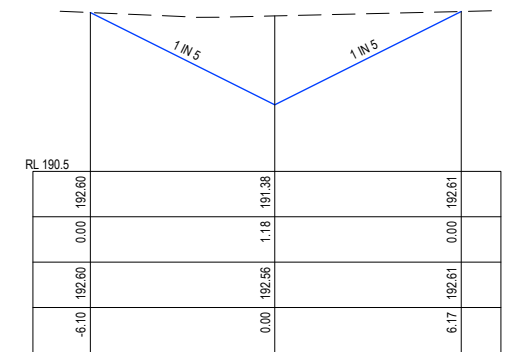
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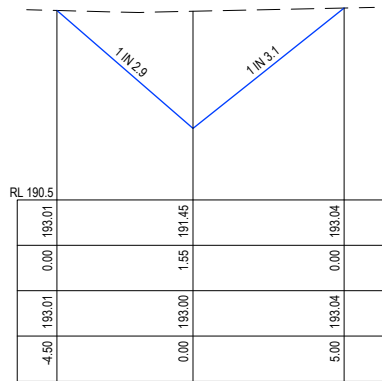
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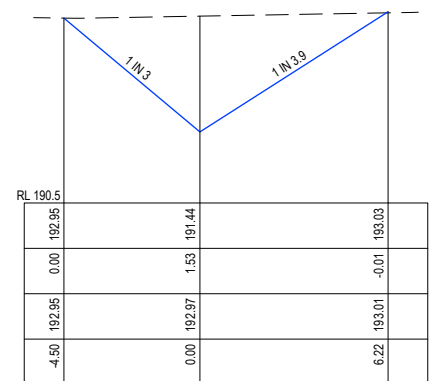
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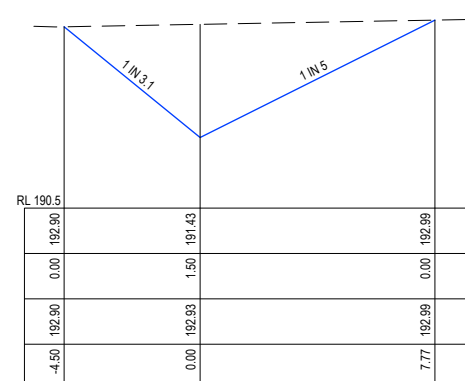
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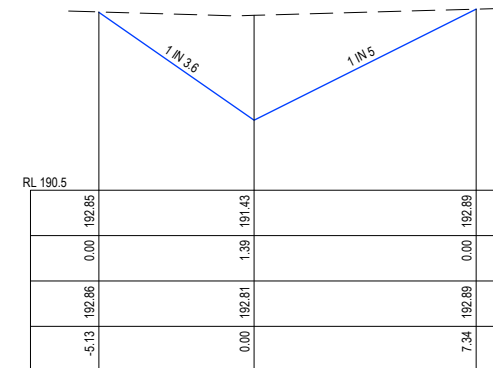
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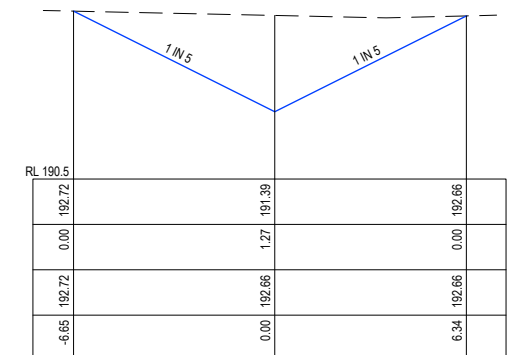
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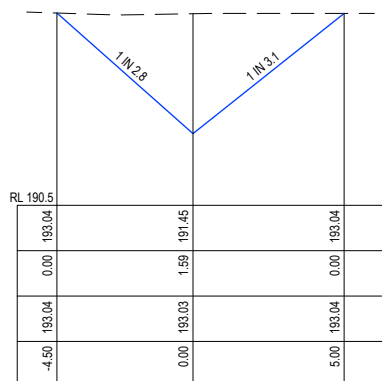
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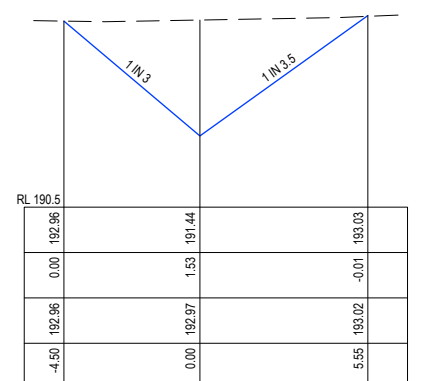
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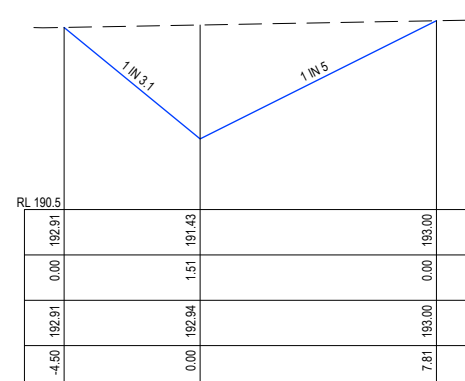
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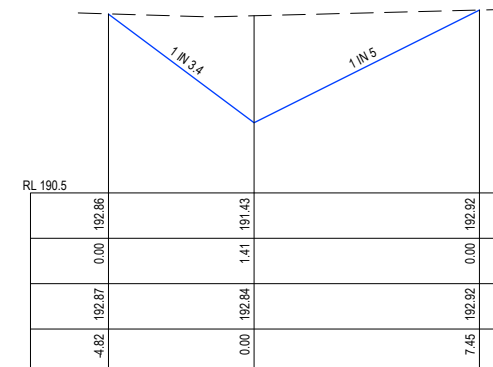
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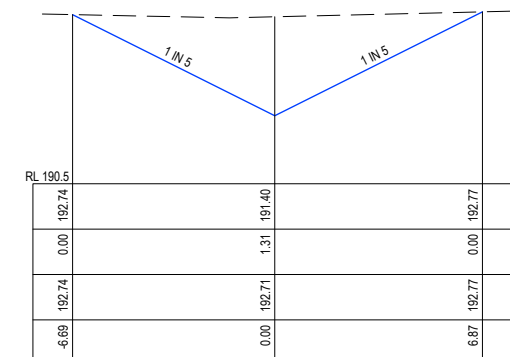
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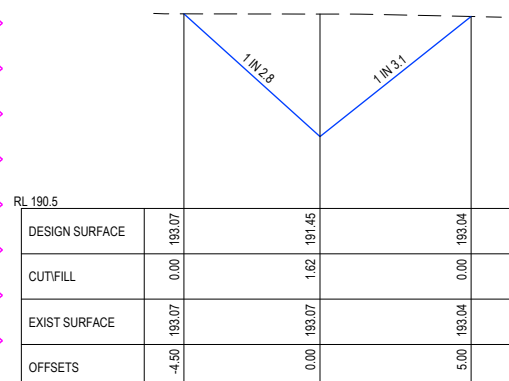
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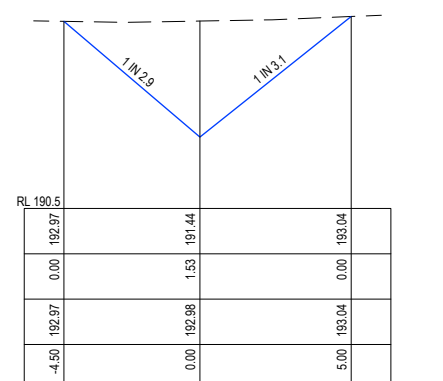
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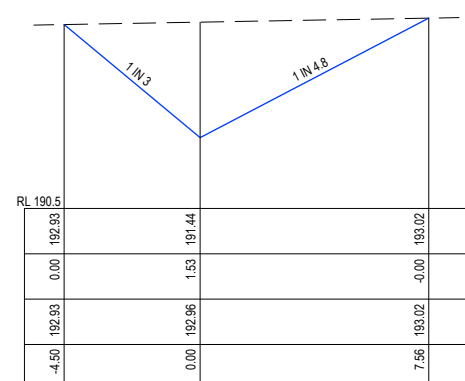
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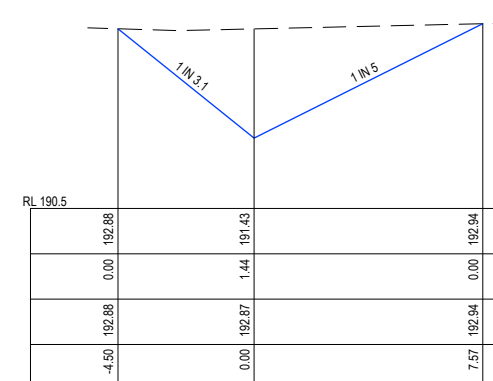
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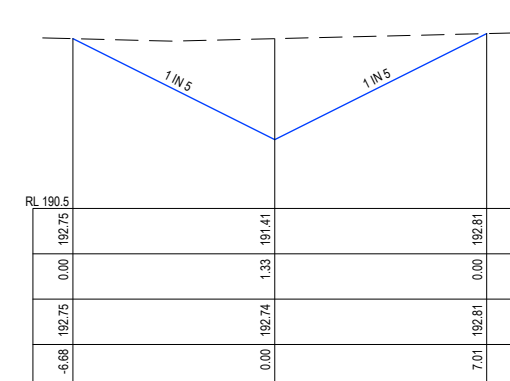
CH 6.35



CH 14



CH 20



CH 40

TEMPORARY DRAINAGE OUTFALL

F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24	RPE: ALEX REID - 0006159
E	ISSUED FOR CONSTRUCTION	SA	SA	AR	AR	11/12/23	
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23	
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	AR	AR	26/10/23	
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	AR	AR	20/10/23	
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23	
REV	REVISION	DES	DWG	CHK	AUTH	DATE	

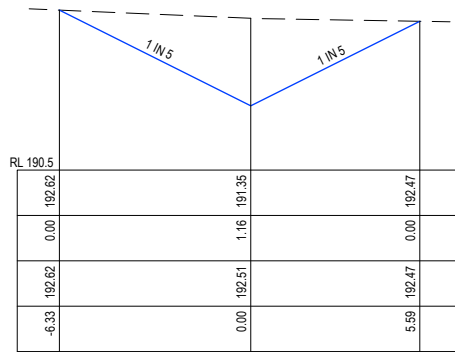
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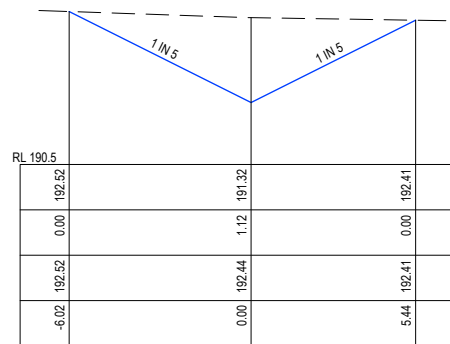
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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
TEMPORARY DRAINAGE OUTFALL CROSS SECTION
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD
DWG STATUS: **FOR CONSTRUCTION**
PROJECT & DWG No: 1352031R17 / 22

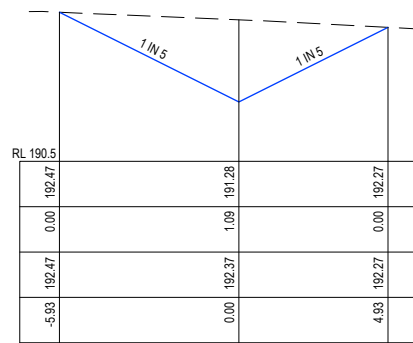
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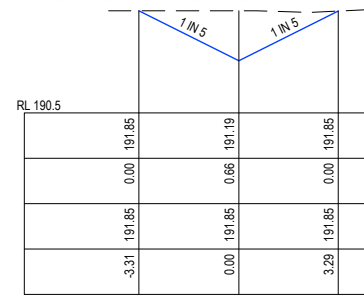
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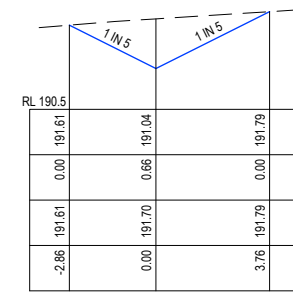
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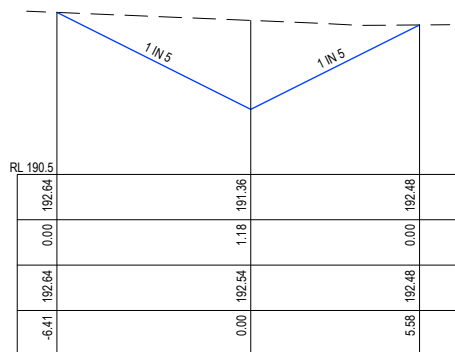
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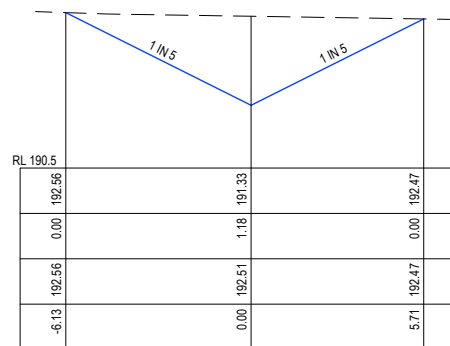
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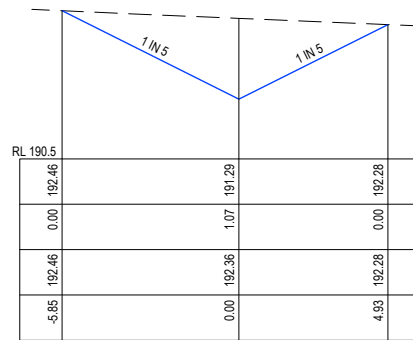
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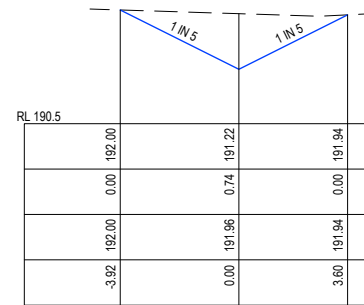
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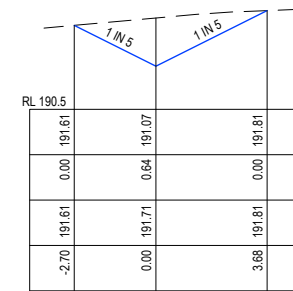
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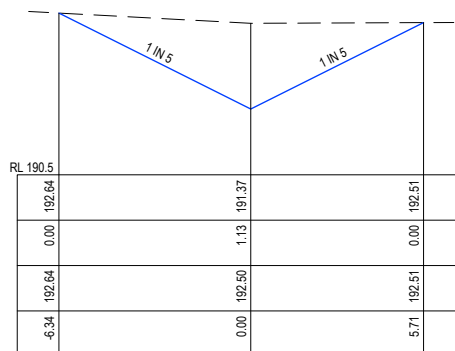
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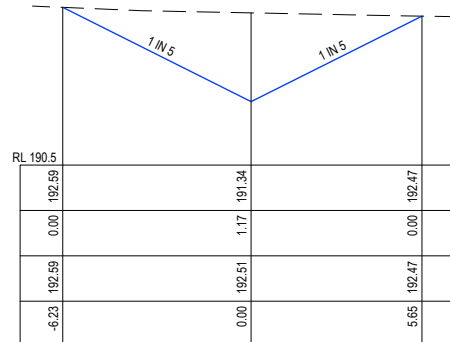
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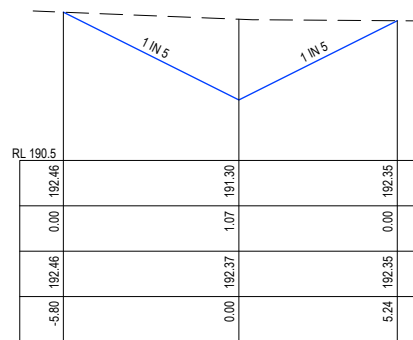
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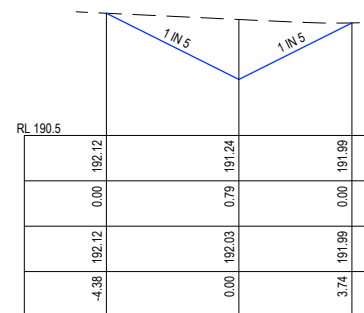
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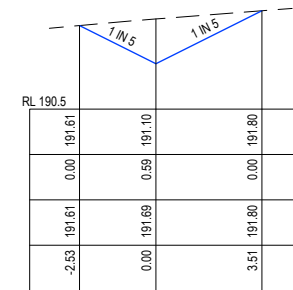
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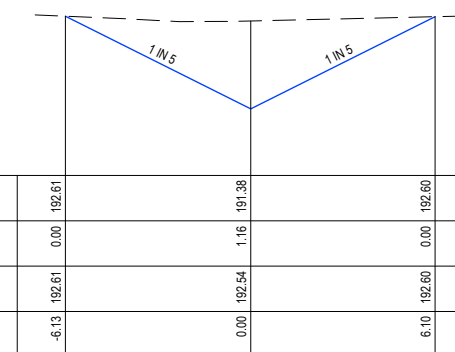
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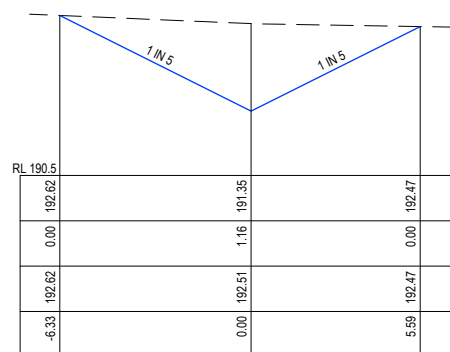
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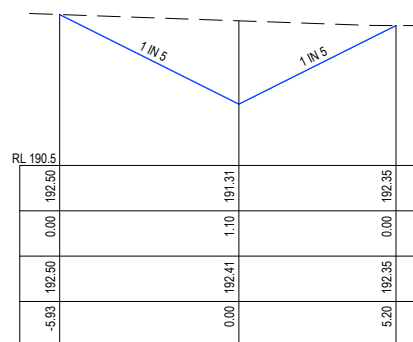
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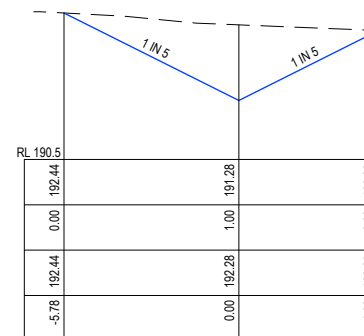
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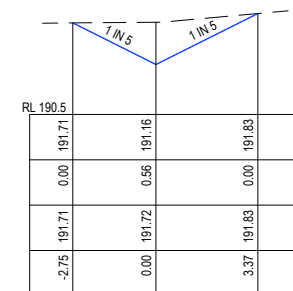
CH 100



CH 140



CH 170



CH 220

TEMPORARY DRAINAGE OUTFALL

F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24
E	ISSUED FOR CONSTRUCTION	SA	SA	HB	AR	11/12/23
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	HB	AR	26/10/23
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB	AR	20/10/23
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/09/23
REV	REVISION	DES	DWG	CHK	AUTH	DATE

RPE: ALEX REID - 0006159

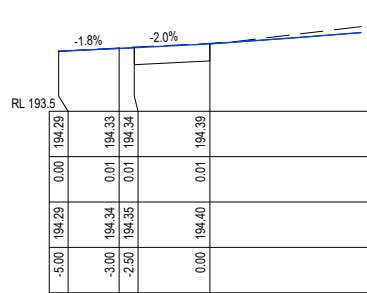
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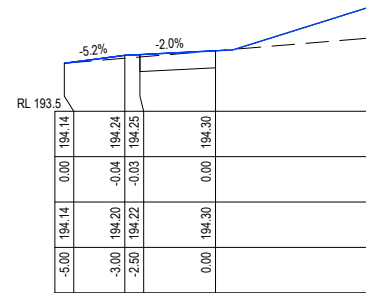
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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
TEMPORARY DRAINAGE OUTFALL CROSS SECTION
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD
DWG STATUS: **FOR CONSTRUCTION**
PROJECT & DWG No: 1352031R18 / 22

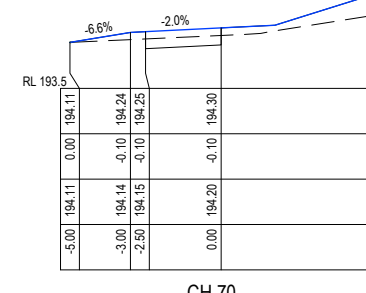
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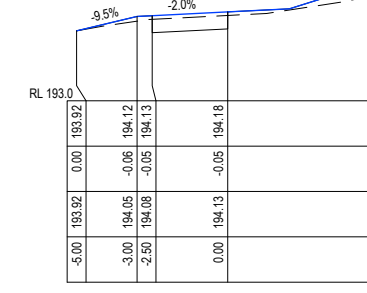
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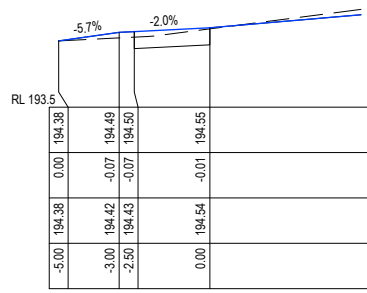
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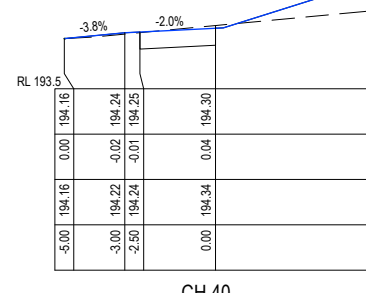
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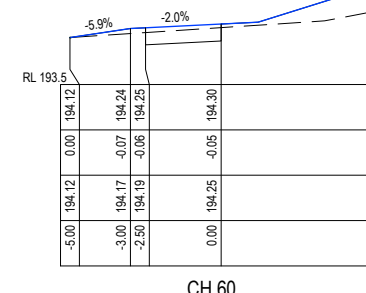
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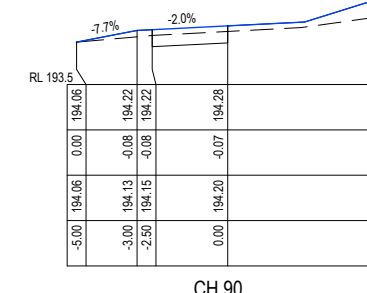
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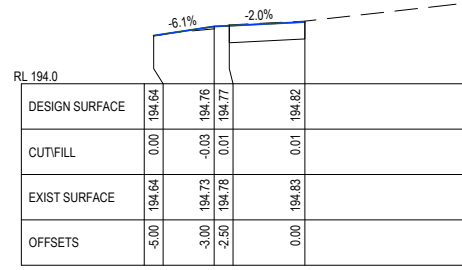
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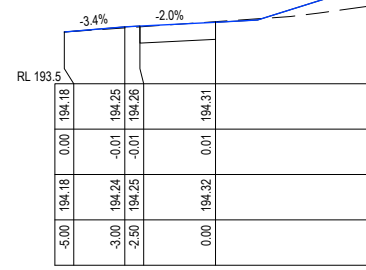
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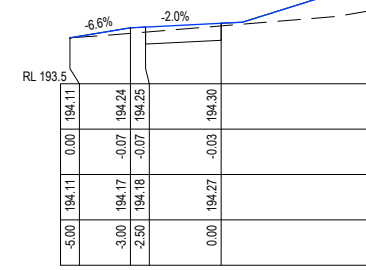
CH 90



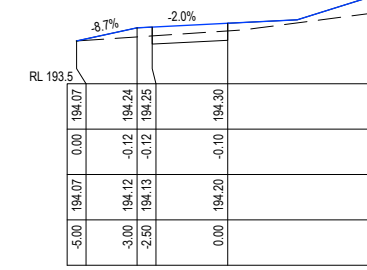
CH 0



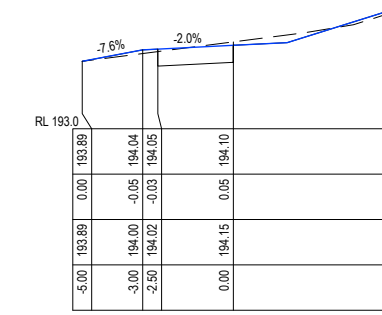
CH 30



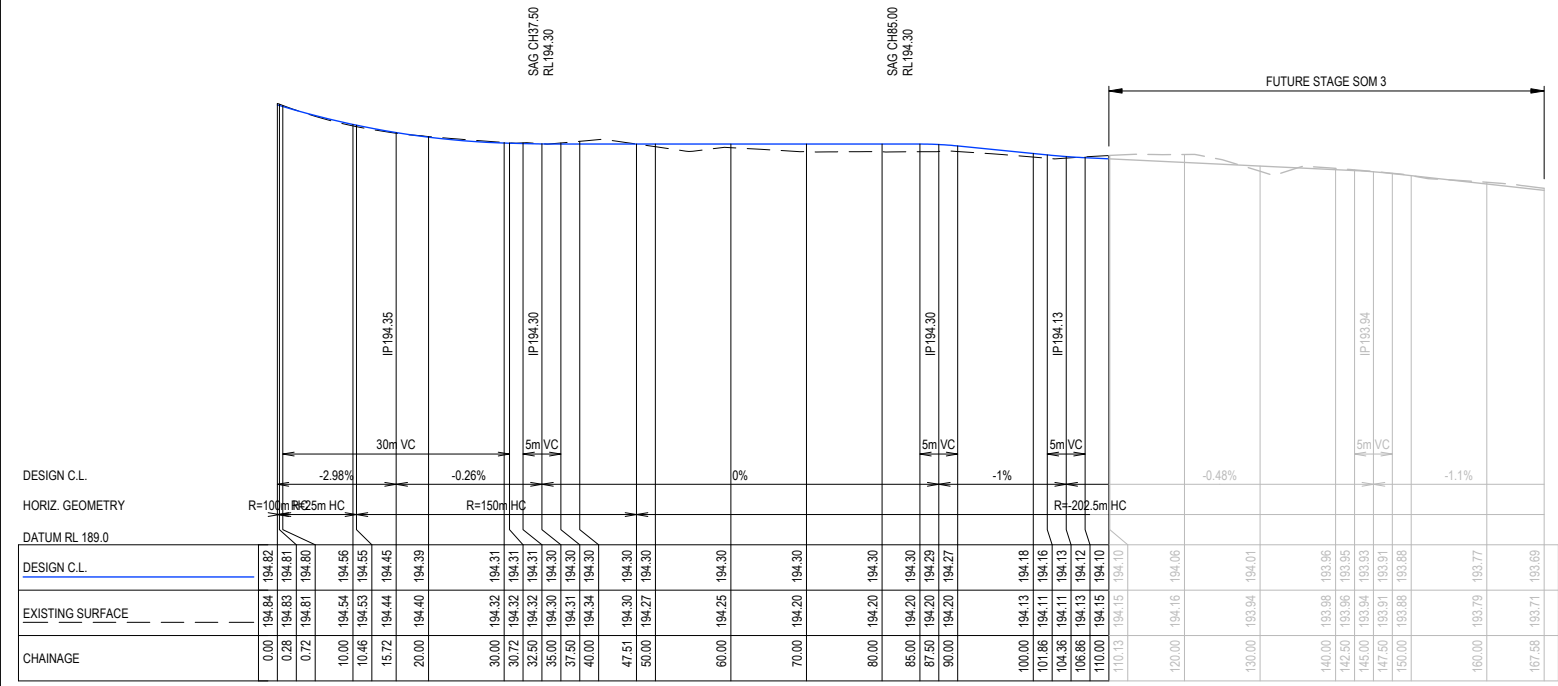
CH 50



CH 80



CH 110.13



SHARED PATH

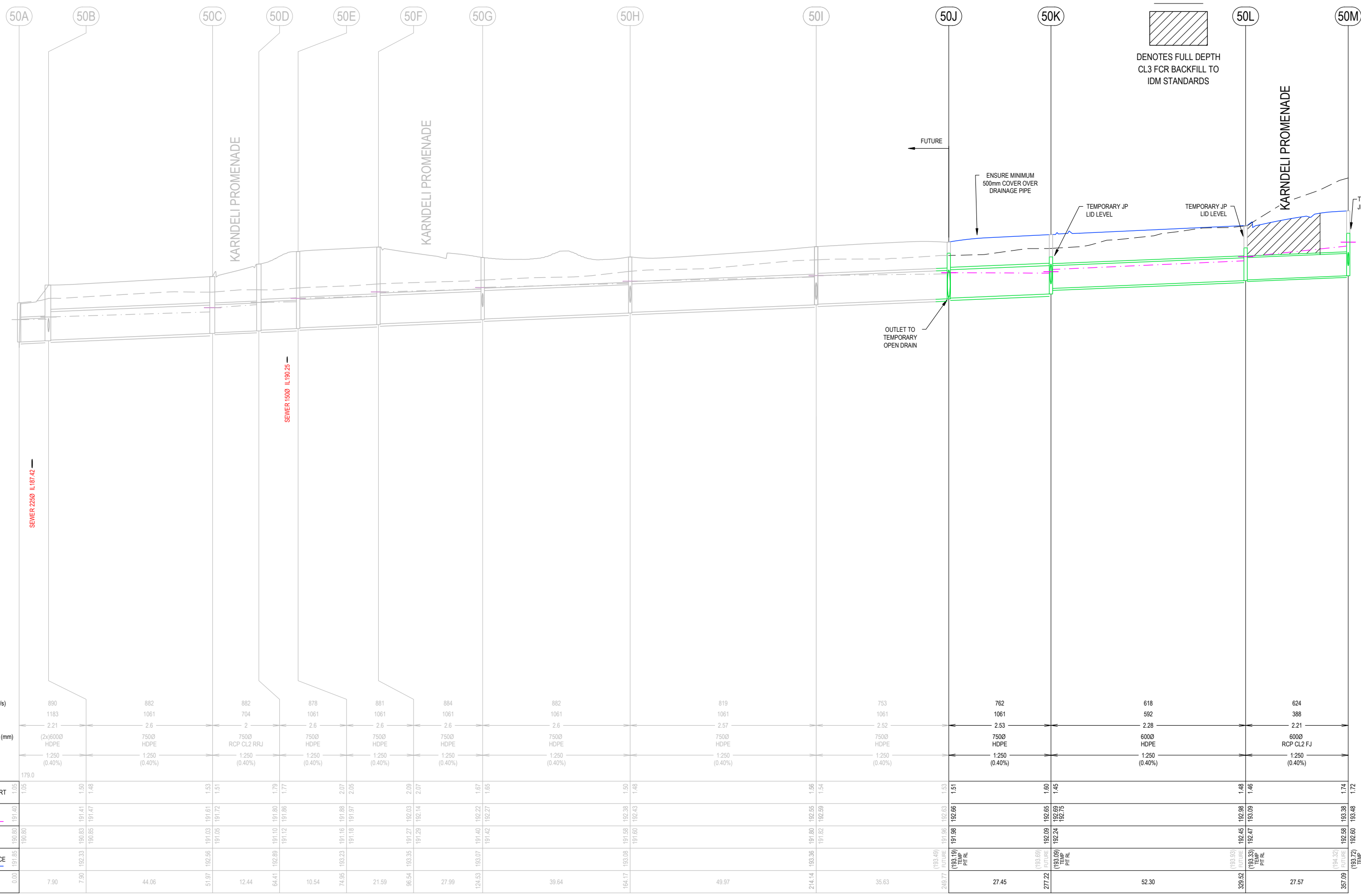
F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24	RPE	ALEX REID - 0006159
E	ISSUED FOR CONSTRUCTION	SA	HB			11/12/23		
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR		24/11/23		
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	HB			26/10/23		
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	HB			20/10/23		
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23		
REV	REVISION	DES	DWG	CHK	AUTH	DATE		


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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
SHARED PATH LONG & CROSS SECTIONS
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD
DWG STATUS: PROJECT & DWG No: 1352031R19 / 22
FOR CONSTRUCTION



NOTE:

 DENOTES FULL DEPTH
 CL3 FCR BACKFILL TO
 IDM STANDARDS

DESIGN FLOW (l/s)	890	882	882	878	881	884	882	819	753	762	618	624
CAPACITY (l/s)	1183	1061	704	1061	1061	1061	1061	1061	1061	1061	592	388
VELOCITY (m/s)	2.21	2.6	2	2.6	2.6	2.6	2.6	2.57	2.52	2.53	2.28	2.21
PIPE DIAMETER (mm)	(2)x6000 HDPE	7500 HDPE	7500 RCP CL2 RRJ	7500 HDPE	7500 HDPE	7500 HDPE	7500 HDPE	7500 HDPE	7500 HDPE	7500 HDPE	6000 HDPE	6000 RCP CL2 FJ
PIPE GRADE	1.250 (0.40%)	1.250 (0.40%)	1.250 (0.40%)	1.250 (0.40%)	1.250 (0.40%)	1.250 (0.40%)	1.250 (0.40%)	1.250 (0.40%)	1.250 (0.40%)	1.250 (0.40%)	1.250 (0.40%)	1.250 (0.40%)
DATUM RL	179.0											
DEPTH TO INVERT	1.05	1.50	1.51	1.79	1.77	2.07	2.05	1.50	1.48	1.51	1.60	1.45
H.G.L.	190.80	191.41	191.61	191.80	191.86	192.03	192.14	192.38	192.43	192.65	192.98	193.38
INVERT LEVEL	190.80	190.83	191.03	191.03	191.09	191.16	191.18	191.27	191.29	192.24	192.69	192.75
DESIGN SURFACE	191.85	192.33	192.56	192.89	193.23	193.35	193.35	193.36	193.36	193.36	193.33	193.32
CHAINAGE	0.00	7.90	44.06	51.97	12.44	64.41	10.54	74.95	21.59	96.54	124.53	193.07

SCALE H 1 : 1000 SCALE V 1 : 100

F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24	RPE ALEX RED - 0006159
E	ISSUED FOR CONSTRUCTION	SA	SA	HB	HB	11/12/23	
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23	
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	HB	HB	26/10/23	
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB	HB	20/10/23	
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23	
REV	REVISION	DES	DWG	CHK	AUTH	DATE	




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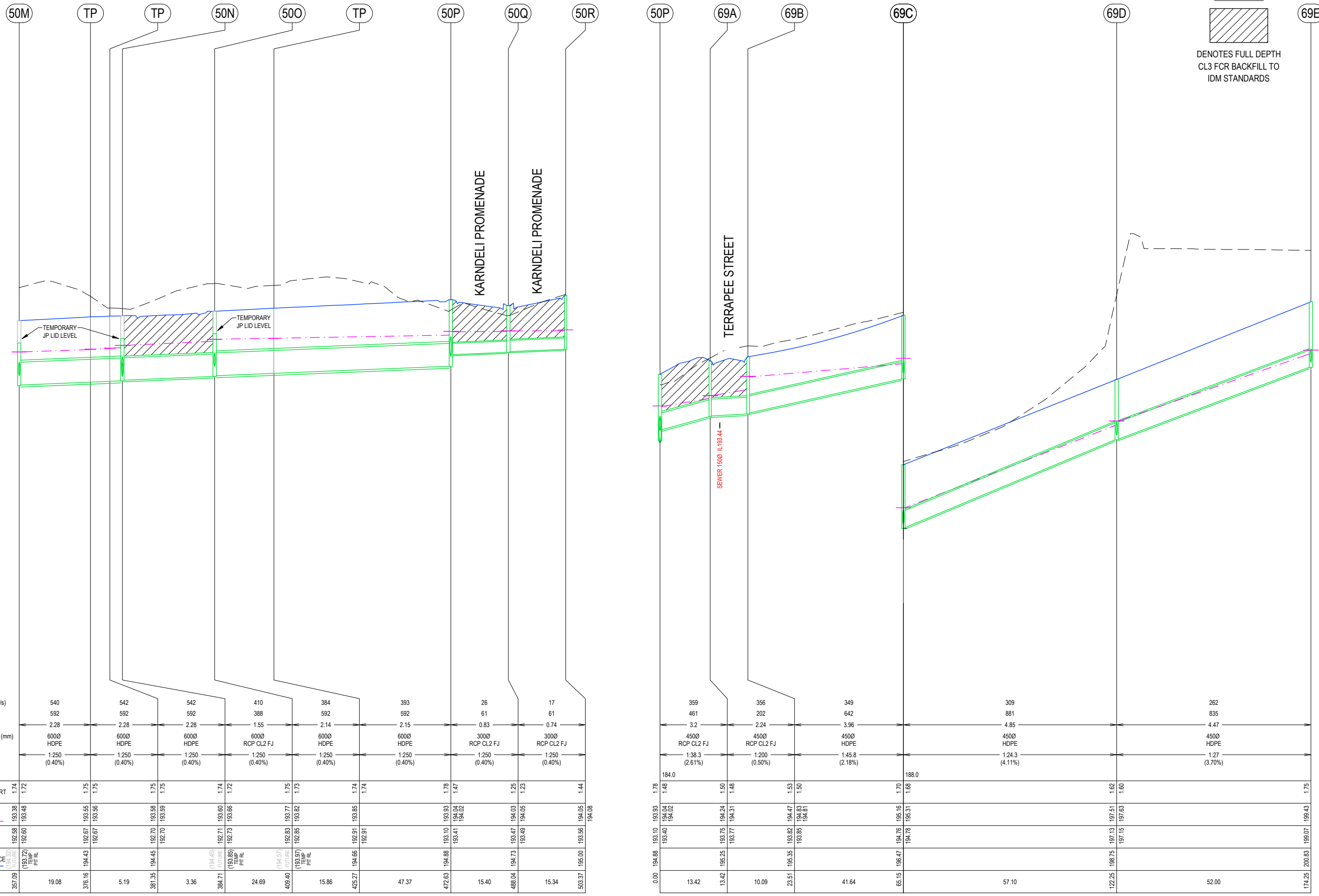



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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
DRAINAGE LONG SECTIONS (1 OF 3)
 CITY OF GREATER BENDIGO REF: DS/377/2022
 EMU CREEK HOLDINGS 2 PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION 1352031R20 / 22 F

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NOTE:

 DENOTES FULL DEPTH
 CL3 FCR BACKFILL TO
 IDM STANDARDS

DESIGN FLOW (l/s)	540	542	542	410	384	393	26	17
CAPACITY (l/s)	592	592	592	388	592	592	61	61
VELOCITY (m/s)	2.28	2.28	2.28	1.55	2.14	2.15	0.83	0.74
PIPE DIAMETER (mm)	6000 HDPE	6000 HDPE	6000 HDPE	6000 RCP CL2 FJ	6000 HDPE	6000 HDPE	3000 RCP CL2 FJ	3000 RCP CL2 FJ
PIPE GRADE	1:250 (0.40%)	1:250 (0.40%)	1:250 (0.40%)	1:250 (0.40%)	1:250 (0.40%)	1:250 (0.40%)	1:250 (0.40%)	1:250 (0.40%)
DATUM RL								
DEPTH TO INVERT	1.74	1.72	1.75	1.75	1.74	1.72	1.78	1.44
H.G.L.	192.58	193.38	193.48	193.55	193.56	193.59	193.60	193.66
INVERT LEVEL	192.60	192.60	192.60	192.60	192.60	192.60	192.60	192.60
DESIGN SURFACE	193.72	194.43	194.45	194.45	194.45	194.45	194.45	194.45
CHAINAGE	357.09	19.08	376.16	5.19	381.35	194.45	3.36	384.71

DESIGN FLOW (l/s)	359	356	349	309	262
CAPACITY (l/s)	461	202	642	881	835
VELOCITY (m/s)	3.2	2.24	3.96	4.85	4.47
PIPE DIAMETER (mm)	4500 RCP CL2 FJ	4500 RCP CL2 FJ	4500 HDPE	4500 HDPE	4500 HDPE
PIPE GRADE	1:38.3 (2.61%)	1:200 (0.50%)	1:45.8 (2.18%)	1:24.3 (4.11%)	1:27 (3.70%)
DATUM RL					
DEPTH TO INVERT	1.78	1.48	1.50	1.50	1.62
H.G.L.	183.40	194.04	194.02	194.02	194.02
INVERT LEVEL	184.88	193.10	193.93	193.93	193.93
DESIGN SURFACE	193.72	194.43	194.45	194.45	194.45
CHAINAGE	0.00	13.42	13.42	10.09	23.51



SCALE H 1: 1000 V 1: 100

REV	REVISION	DES	DWG	CHK	AUTH	DATE
F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24
E	ISSUED FOR CONSTRUCTION	SA	SA	HB		11/12/23
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23
C	ADDED EXAMPLE CHUTE - REDUCED GAS MAIN	SA	SA	HB		26/10/23
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB		20/10/23
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23

RPE: ALEX REID - 0006159
 DES DWG CHK AUTH DATE

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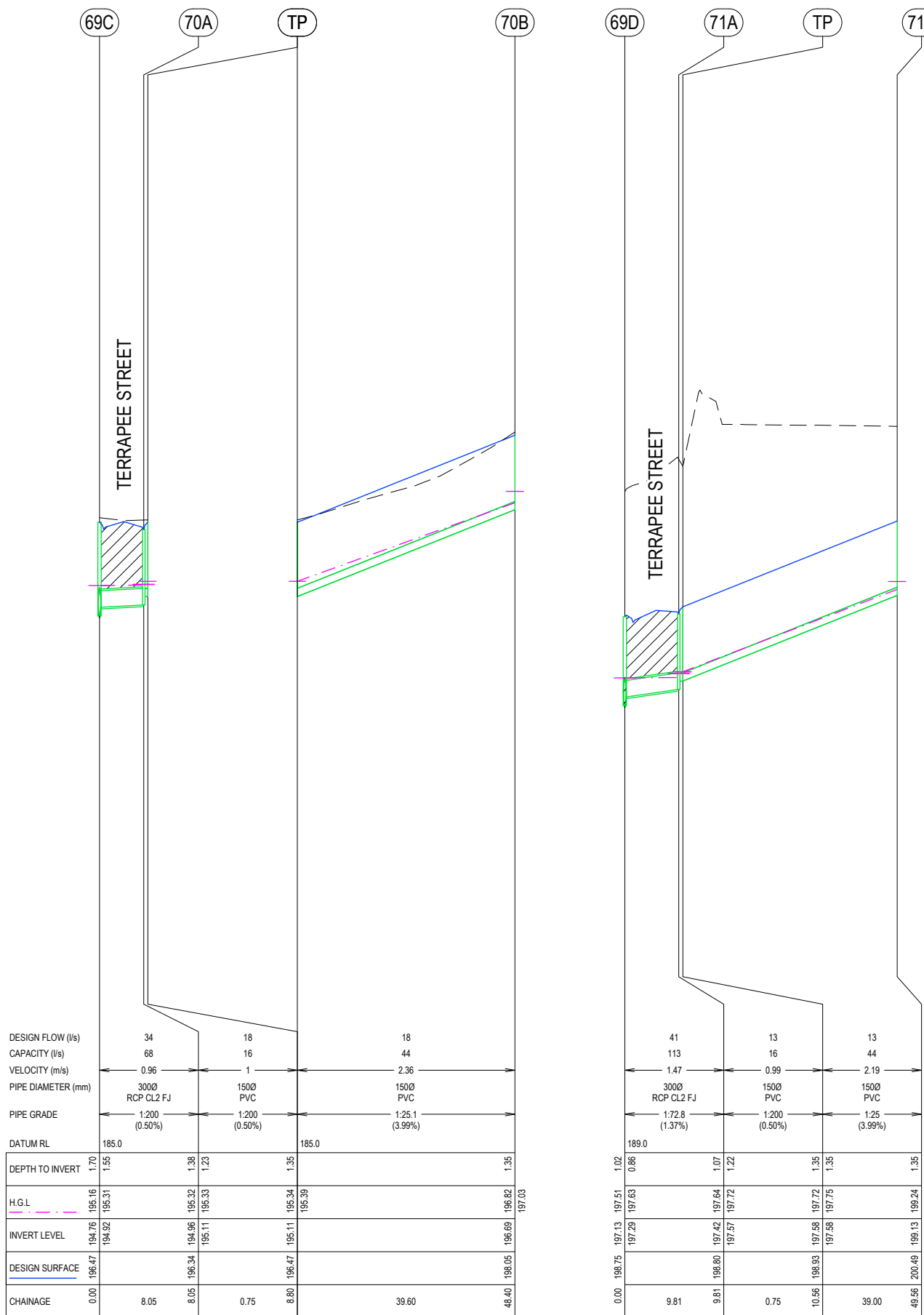
IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
 DRAINAGE LONG SECTIONS (2 OF 3)
 CITY OF GREATER BENDIGO REF: DS/377/2022
 EMU CREEK HOLDINGS 2 PTY LTD
 DWG STATUS: **FOR CONSTRUCTION**
 PROJECT & DWG No: 1352031R21 / 22

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 PLOT DATE: 25/01/2024 FILE: C:\TZ\DATA\TOMKINSON\1352031R21\1352031R21_03.DWG

NOTE:



DENOTES FULL DEPTH
CL3 FCR BACKFILL TO
IDM STANDARDS



PIT SCHEDULE													
PIT NAME	TYPE	EASTING	NORTHING	INTERNAL		INLET DIA	INV LEV	OUTLET DIA	INV LEV	PIT SETOUT RL	DEPTH	REMARKS	
				WD	LEN								
50J	JP	265443.251	5923876.64	1200	900	762	191.979	762	191.959	193.185 (TEMP)	1.526	TEMPORARY IDM SD420 FUTURE HAUNCHED IDM SD420+SD410	
50K	SEP	265424.423	5923856.66	1200	900	612	192.239	762	192.089	193.086 (TEMP)	1.597	TEMPORARY IDM SD420 FUTURE CoGB SEP SD590BG	
						450							192.401
50L	SEP	265388.44	5923818.7	1200	900	600	192.468	612	192.448	193.328 (TEMP)	1.48	TEMPORARY IDM SD420 FUTURE CoGB SEP SD590BG	
						612				192.578			193.722 (TEMP)
50M	SEP	265384.875	5923791.45	900	900	612	192.598	600	192.578	193.722 (TEMP)	1.744	TEMPORARY IDM SD420 FUTURE CoGB SEP SD590G	
						300				192.878			
TP	TP	265382.38	5923772.54	0	0	612	192.675	612	192.675			11.25° BEND	
TP	TP	265380.849	5923767.58	0	0	612	192.695	612	192.695				11.25° BEND
50N	SEP	265379.337	5923764.59	900	900	600	192.729	612	192.709	193.851 (TEMP)	1.742	TEMPORARY IDM SD420 FUTURE CoGB SEP SD590G	
						300				192.859			
50O	SEP	265367.504	5923742.91	900	900	612	192.848	600	192.828	193.973 (TEMP)	1.745	TEMPORARY IDM SD420 FUTURE CoGB SEP SD590G	
						300				193.128			
TP	TP	265359.888	5923729	0	0	612	192.911	612	192.911				11.25° BEND
50P	SEP	265332.561	5923690.44	900	900	300	193.413	612	193.101	194.884	1.784	CoGB SEP SD590G	
						450							193.401
50Q	SEP	265317.631	5923687.42	600	900	300	193.494	300	193.474	194.726	1.252	CoGB SEP SD590G	
50R	SEP	265314.231	5923672.66	600	900			300	193.555	194.997	1.441	CoGB SEP SD590G	
69A	SEP	265336.088	5923677.6	600	900	450	193.771	450	193.751	195.246	1.495	CoGB SEP SD590G	
69B	JP + GJP	265338.815	5923667.97	600	900	450	193.851	450	193.821	195.353	1.532	IDM SD480	
69C	JP + GJP	265380.095	5923662.53	600	900	450	194.78	459	194.76	196.465	1.705	IDM SD480	
						300							194.919
69D	JP + GJP	265436.678	5923654.86	600	900	450	197.149	459	197.129	198.747	1.618	IDM SD480	
						300							197.288
69E	JP	265488.207	5923647.88	600	900	450	199.092	450	199.072	200.827	1.75	IDM SD420 WITH 600 x 900 END ENTRY OPENING STAGE 31 FUTURE IDM SD480	
						300							199.231
70A	GJP IN KERB	265381.175	5923670.51	450	900	150	195.109	300	194.959	196.335	1.376	IDM SD481	
TP	TP	265381.276	5923671.25	0	0	150	195.113	150	195.113	196.465	1.352		
70B	END	265420.513	5923665.93	0	150			150	196.692	198.046	1.355	BLANK END	
71A	GJP IN KERB	265442.213	5923662.24	450	900	150	197.573	300	197.423	198.797	1.374	IDM SD481	
71B	END	265480.961	5923657.75	0	150			150	199.134	200.486	1.353	BLANK END	

REV	REVISION	DES	DWG	CHK	AUTH	DATE
F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24
E	ISSUED FOR CONSTRUCTION	SA	SA	AR	AR	11/12/23
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	AR	AR	26/10/23
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	AR	AR	20/10/23
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/09/23

RPE: ALEX RED - 0006159

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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
DRAINAGE LONG SECTIONS (3 OF 3) + PIT SCHEDULE
CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD
DWG STATUS: PROJECT & DWG No: 1352031R22 / 22
FOR CONSTRUCTION

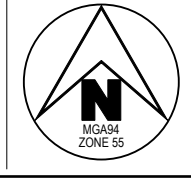
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LEGEND

- PIT No
- CATCHMENT
- LOT FALL
- OVERLAND 1% AEP STORMWATER FLOWPATH

F	AMENDED TEMPORARY TABLE DRAIN ALIGNMENT	SA	SA	AR	AR	25/01/24	RPE: ALEX REID - 0066159
E	ISSUED FOR CONSTRUCTION	SA	SA	HB	HB	11/12/23	
D	ADDED SPLITTER ISLAND - ADJUSTED ELECTRICAL OFFSET	NJB	SA	AR	AR	24/11/23	
C	ADDED EXAMPLE CHUTES - REDUCED GAS MAIN	SA	SA	HB	HB	26/10/23	
B	FURTHER EROSION AND SEDIMENT CONTROL METHODS FOR TEMPORARY TABLE DRAIN	SA	SA	HB	HB	20/10/23	
A	AS SUBMITTED TO COUNCIL	NJB	SA	AR	AR	18/08/23	
REV	REVISION	DES	DWG	CHK	CHK	DATE	



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IMAGINE STAGE 31
53 DUKES LANE STRATHFIELDSAYE
DRAINAGE CATCHMENT PLAN

CITY OF GREATER BENDIGO REF: DS/377/2022
EMU CREEK HOLDINGS 2 PTY LTD

DWG STATUS: **FOR CONSTRUCTION**
PROJECT & DWG No: 1352031D01 / 22

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12D MODEL - HYDRAULIC DESIGN SHEET

Project: Design
Drainage Model: DRN
Rainfall File: Bendigo 100820.12dhydro

Rainfall Method: IFD Table
Freeboard Limit: 0.15 m
Minor 20.00 AEP(%) Storm Event

Table with columns: Pipe ID, Pipe Type, Length, Size, Area Af, Grade, Full-area, Full-area, Full-area, Full-area, Part-area, Part-area, Part-area, Part-area, Catchment, Direct Node, Pipe, Capacity, Q/Qcap, Full Pipe, Norm Depth, Crit Depth, Capacity Vel, US Node, Pipe, Pipe, DS Node, Cover, Cover, Pipe, Pipe, US Node, US Node, Pipe, P/head, WSE, Mannin, Pipe, US Node, Pipe, Pipe, DS Node, HGL, HGL, F'board.

12D MODEL - HYDROLOGICAL DESIGN SHEET

Project: Design
Drainage Model: DRN
Rainfall File: Bendigo 100820.12dhydro

Tc Method: Direct
Rainfall Method: IFD Table
Runoff C Method: Direct
Minor 20.00 AEP(%) Storm Event

Table with columns: Node Name, Node Type, Setout Easting, Setout Northing, Setout RL, Grate RL, Catch ID, Time Tc, Intensity I, Runoff C, Area A, Full CA, Full Sum CA, Full Qc=CIA, Partial CA, Partial Sum CA, Partial Qc=CIA, Approach Flow Qa.

Revision table with columns: REV, REVISION, DES, DWG, CHK, AUTH, DATE.

SA SA AR AR 25/01/24
SA HB 11/12/23
NJB SA AR AR 24/11/23
SA HB 26/10/23
SA HB 20/10/23
NJB SA AR AR 18/08/23

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Project title: IMAGINE STAGE 31 53 DUKES LANE STRATHFIELDSAYE DRAINAGE HYDRAULIC / HYDROLOGY CALC SHEET. Includes project reference and status: FOR CONSTRUCTION.

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