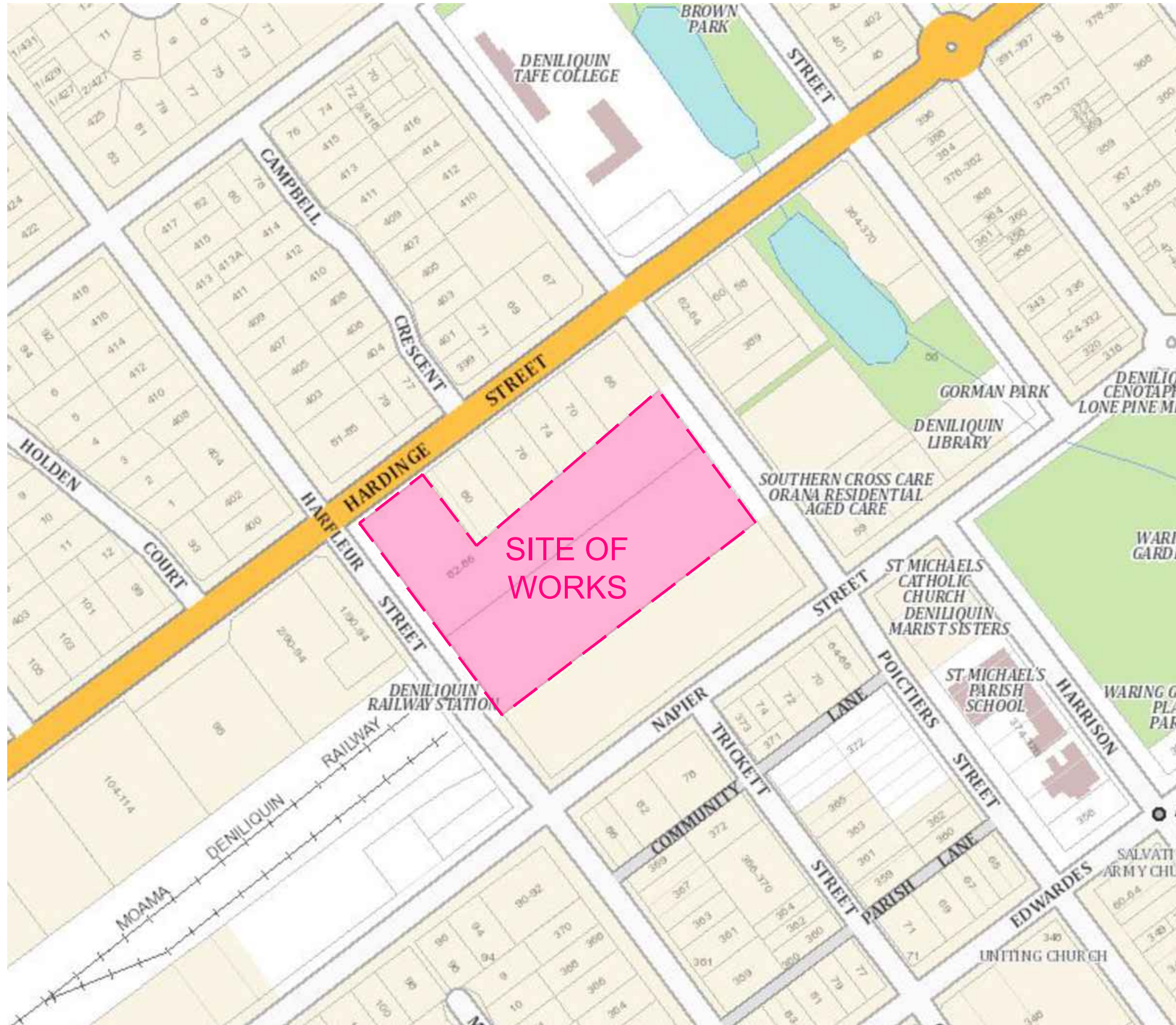
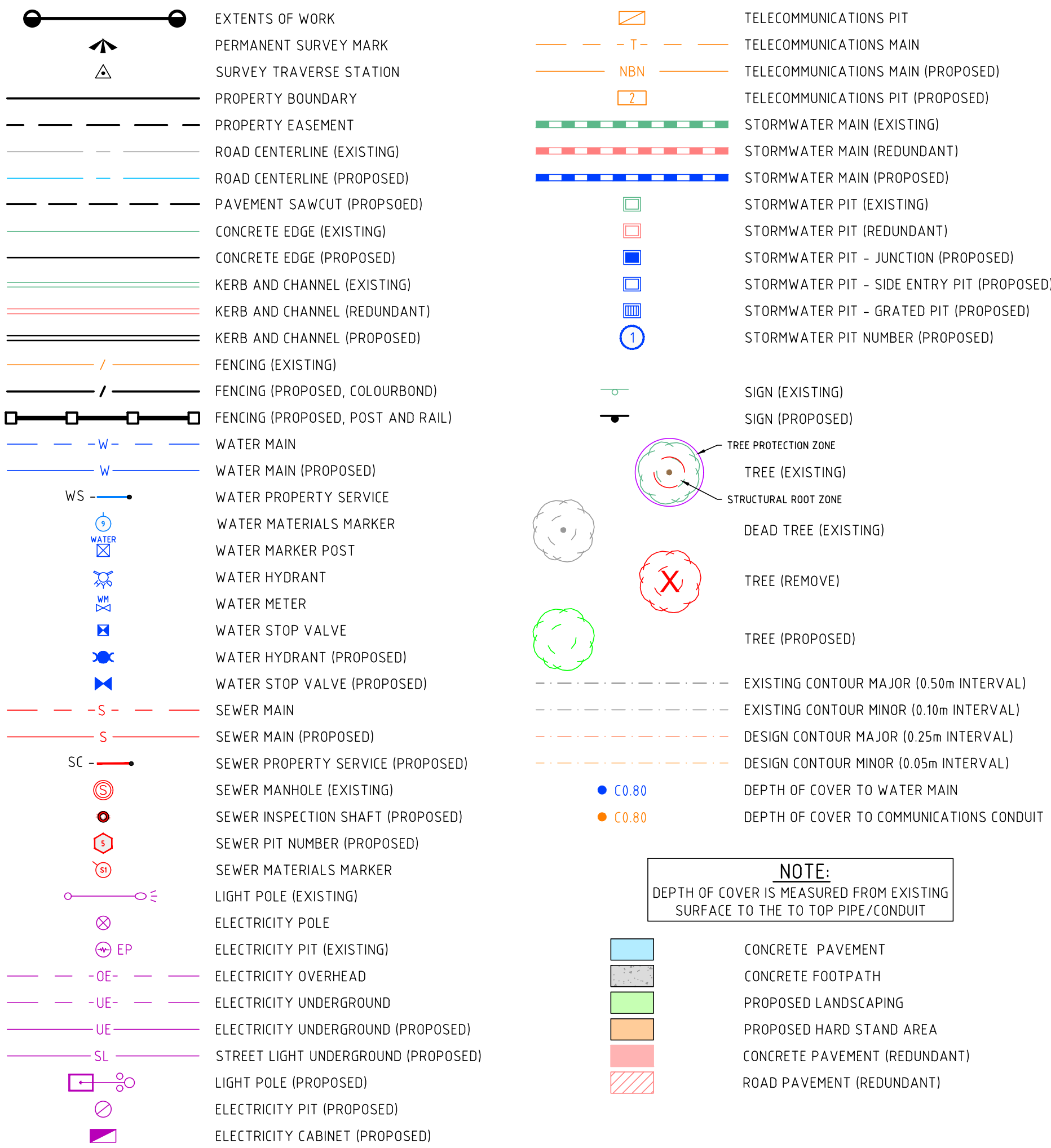


EDWARD RIVER COUNCIL

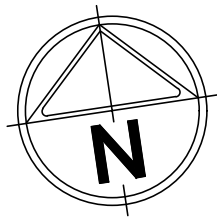
SENIORS LIVING PRECINCT

POICTIERS STREET, DENILIKUIN

STREET AND DRAINAGE CONSTRUCTION



DRAWING SCHEDULE		
DRAWING	DRAWING TITLE	REVISION
3570 / C01	COVER SHEET	C
3570 / C02	GENERAL NOTES	C
3570 / C03	MASTER PLAN & STAGING	C
3570 / C04	EXISTING CONDITIONS (SHEET 1 OF 3)	C
3570 / C05	EXISTING CONDITIONS (SHEET 2 OF 3)	C
3570 / C06	EXISTING CONDITIONS (SHEET 3 OF 3)	C
3570 / C07	DEMOLITION PLAN (SHEET 1 OF 3)	C
3570 / C08	DEMOLITION PLAN (SHEET 2 OF 3)	C
3570 / C09	DEMOLITION PLAN (SHEET 3 OF 3)	C
3570 / C10	LAYOUT PLAN (SHEET 1 OF 3)	C
3570 / C11	LAYOUT PLAN (SHEET 2 OF 3)	C
3570 / C12	LAYOUT PLAN (SHEET 3 OF 3)	C
3570 / C13	CONTOUR AND SETOUT (SHEET 1 OF 2)	C
3570 / C14	CONTOUR AND SETOUT (SHEET 2 OF 2)	C
3570 / C15	ROAD 1 LONG SECTIONS	C
3570 / C16	ROAD 2, RETURNS AND COURT LONG SECTIONS	C
3570 / C17	ROAD 1 CROSS SECTION (SHEET 1 OF 3)	C
3570 / C18	ROAD 1 CROSS SECTION (SHEET 2 OF 3)	C
3570 / C19	ROAD 1 CROSS SECTION (SHEET 3 OF 3)	C
3570 / C20	ROAD 2 CROSS SECTION (SHEET 1 OF 2)	C
3570 / C21	ROAD 2 CROSS SECTION (SHEET 2 OF 2)	C
3570 / C22	DRAINAGE LONG SECTION (SHEET 1 OF 3)	C
3570 / C23	DRAINAGE LONG SECTION (SHEET 2 OF 3)	C
3570 / C24	DRAINAGE LONG SECTION (SHEET 3 OF 3)	C
3570 / C25	SERVICES GENERAL NOTES	C
3570 / C26	SERVICES STANDARD DRAWINGS	C
3570 / C27	WATER SERVICE (SHEET 1 OF 2)	C
3570 / C28	WATER SERVICE (SHEET 2 OF 2)	C
3570 / C29	SEWER SERVICE (SHEET 1 OF 2)	C
3570 / C30	SEWER SERVICE (SHEET 2 OF 2)	C



LOCALITY PLAN
NOT TO SCALE

NOTE!
THIS DRAWING SET IS TO BE READ IN CONJUNCTION WITH THE CURRENT ADOPTED VERSION OF THE INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS.

NOTE!
BEWARE OF EXISTING OVERHEAD ELECTRICAL CABLES!

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



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ISSUE	DESCRIPTION	DATE
-	-	-
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-	-	-
C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT



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Client:	EDWARD RIVER COUNCIL	Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT	Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIKUIN	Cad File:	3570 C01.DWG	Size:	A1
Property:	PARISH OF SOUTH DENILIKUIN DP732067 LOT 1 & DP1220715 LOT 2	Scale:	SCALE AS SHOWN	Shh:	
Title:	COVER SHEET	Drawing No:	3570 / C01	Issue:	1 of 30
					C

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GENERAL

- 1. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
- 2. ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA 2020) ZONE 55.
- 3. ALL WORKS TO BE ACCURATELY SETOUT BEFORE COMMENCING EXCAVATION WORK.
- 4. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL GENERAL SPECIFICATION AND LATEST ADOPTED VERSION OF THE INFRASTRUCTURE DESIGN MANUAL.
- 5. CIVIL PLANS ARE TO BE READ IN CONJUNCTION WITH BALPARA'S ELECTRICAL AND NBN PLANS, AS REFERENCED ON THIS SHEET.
- 6. TEMPORARY BENCH MARKS (TBM) TO BE RE-ESTABLISHED BY A SUITABLY QUALIFIED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF TBM'S THEREAFTER.
- 7. ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN ±0.05m.

SERVICES

- 8. ALL STATUTORY AUTHORITY SERVICES MUST BE MAINTAINED AND PROTECTED BY THE CONTRACTOR AT ALL TIMES UNLESS OTHERWISE SHOWN.
- 9. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- 10. THE LOCATION OF ALL UNDERGROUND SERVICES ARE TO BE PHYSICALLY LOCATED BY NON-DESTRUCTIVE EXCAVATION PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- 11. ALL ALL EXISTING PROPERTY SERVICES SHOULD BE LOCATED NON-DESTRUCTIVE EXCAVATION PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- 12. ANY ALTERATIONS TO PROPERTY SERVICES SHOULD BE UNDERTAKEN BY LICENSED CONTRACTORS.
- 13. ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS, FOOTPATHS AND KERB TO BE BACKFILLED WITH 2% CEMENT TREATED CLASS 2 CRUSHED ROCK.
- 14. ALL EXISTING PITS AND SERVICE FITTINGS THAT ARE TO REMAIN WITHIN THE PAVEMENT AREAS SHALL BE REBUILT TO MATCH PROPOSED LEVELS AND WHERE APPLICABLE FITTED WITH AN APPROPRIATE HEAVY DUTY, AUTHORITY APPROVED, COVER. ELSEWHERE EXISTING SERVICES SHALL BE ADJUSTED TO SUIT NEW ADJACENT LEVELS. THE RELEVANT AUTHORITY IS TO BE NOTIFIED PRIOR TO ANY WORKS ON THEIR ASSETS AND SERVICES ARE TO BE ADJUSTED BY OR TO THE RELEVANT AUTHORITY REQUIREMENTS

DEMOLITION

- 15. EXISTING STORMWATER DRAINAGE PIPE WORK LOCATIONS SHOW ARE AS IDENTIFIED THROUGH PIT INVESTIGATIONS, TRUE ALIGNMENT MAY DIFFER FROM WHAT IS SHOWN.
- 16. WHERE EXISTING FEATURES AND REDUNDANT SERVICES ARE TO BE REMOVED, EXCAVATIONS ARE TO BE BACKFILLED WITH SUITABLE FCR OR APPROVED MATERIAL AND BACKFILLED TO EXISTING SURFACE LEVEL.
- 17. EXISTING TREES TO BE REMOVED ARE TO BE SAW CUT, GRUBBED AND REMOVED OFF SITE TO AN APPROVED LOCATION.

TRAFFIC MANAGEMENT

- 18. TRAFFIC MANAGEMENT SHALL BE ARRANGED BY THE CONTRACTOR FOR THE DURATION OF THE WORKS TO THE SATISFACTION OF COUNCIL INCLUDING PROVISION OF ALL NECESSARY SIGNAGE, LIGHTING AND BARRICADING.
- 19. A TRAFFIC MANAGEMENT PLAN SHALL BE SUBMITTED TO COUNCIL FOR APPROVAL PRIOR TO COMMENCEMENT OF WORKS.

LINE MARKING

- 20. LINE MARKING AND RRPMS ARE TO BE INSTALLED AS SPECIFIED AND SHOWN ON THESE PLANS AND IN ACCORDANCE WITH AS 1742 SERIES UNLESS NOTED OTHERWISE.
- 21. REDUNDANT LINE MARKING SHALL BE PERMANENTLY REMOVED BY GRINDING.
- 22. LINE MARKING TO BE APPROVED LONG LIFE ROAD MARKING PAINT.
- 23. LONGITUDINAL LINework TO BE EXTRUDED THERMAL PLASTIC MARKINGS.
- 24. LATERAL WORKS AND SYMBOLS TO BE COLD APPLIED PLASTIC TROWELLED INTO PLACE.

GEOTECHNICAL

- 25. GEOTECHNICAL INVESTIGATION COMPLETED BY GEOTECHNICAL TESTING SERVICES,REFER TO REPORT 21C 0401.

DRAINAGE

- 26. REFER TO PIT SCHEDULE FOR SETOUT DETAILS.
- 27. PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL ESTABLISH A SEDIMENT CONTROL PERIMETER, USING AN APPROVED DIVERSION OR INTERCEPTION METHOD.
- 28. ALL WORKS TO BE ACCURATELY SETOUT BEFORE COMMENCING EXCAVATION WORK.
- 29. ALL PITS AND/OR HEADWALLS SHALL BE CAST IN-SITU OR AN APPROVED PRECAST EQUIVALENT.
- 30. CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF AS1379.
- 31. CONCRETE PIPES TO BE CLASS 2 AND RUBBER RING JOINT. PIPES SHALL CONFORM WITH AS/NZS 4058:2007 PRECAST CONCRETE PIPES UNLESS OTHERWISE STATED.
- 32. PIPES SHALL BE INSTALLED IN ACCORDANCE WITH AS/NZS 3725: 2007 DESIGN FOR INSTALLATION OF BURIED CONCRETE PIPES.
- 33. DRAINAGE PIPES SHALL NOT BE LAID WITHIN FILL WITHOUT THE APPROVAL OF THE SUPERINTENDENT. ADDITIONAL COVER MAY BE PLACED OVER DRAINAGE PIPE TO PROTECT THEM FROM CONSTRUCTION TRAFFIC WHERE REQUIRED.
- 34. ALL TRENCHES SHALL BE CUT IN A MANNER THAT PIPES WILL BE LAID LEVELED WITHOUT SAG POINTS. CULVERT LENGTHS ARE PIPE INLET TO PIPE OUTLET
- 35. THE BEDDING ADJACENT TO THE PIPE JOINTS SHALL BE RECESSED AS NECESSARY TO ENSURE THAT THE WHOLE OF THE BARREL LENGTH OF THE PIPE MAKES UNIFORM CONTACT WITH THE PREPARED BEDDING.
- 36. BACKFILLING SHALL BE BUILT UP IN 150mm LAYERS AND MECHANICALLY COMPACTED EVENLY ON BOTH SIDES OF THE PIPE IN ORDER TO EFFECT BALANCED LOADING.
- 37. ALL PIPES TO BE BACKFILLED AS PER IDM SD310.
- 38. UNSUITABLE MATERIAL GENERATED FROM EXCAVATION SHALL NOT BE USED IN BACKFILLING WORKS AND SHALL BE DISPOSED OF AT AN APPROVED LOCATION.
- 39. ALL EXCAVATED MATERIALS SHALL BE STACKED AT LEAST 4m AWAY FROM THE EDGE OF THE SHOULDER.
- 40. ALL TRENCHING WORKS SHALL BE SUITABLY BARRICADED FOR ROAD USERS.
- 41. ALL PITS TO BE TRAFFICABLE CLASS 'D' LIDS
- 42. HEADWALL JOINTS SHALL BE A FLEXIBLE DURABLE SEALANT.
- 43. BATTERS TO THE TOP OF THE END WALLS SHALL BE PROPERLY FILLED.
- 44. EXPOSED EDGES OF THE STRUCTURE SHALL HAVE 20mm X 20mm CHAMFERS.

CONCRETE NOTES

- 45. ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS, CCAA LITERATURE AND VICROADS SPECIFICATIONS.
- 46. ALL CONCRETE TO BE COMPRESSIVE STRENGTH AS SPECIFIED.
- 47. CONCRETE TO BE THOROUGHLY COMPACTED USING EITHER SURFACE AND/OR IMMERSION VIBRATORS, PARTICULARLY AROUND REINFORCEMENT AND IN CORNERS OF FORMS.
- 48. PRIOR TO CASTING, THE UNBOUND GRANULAR SUBBASE MUST BE DAMP TO ENSURE NO EARLY "DRYING OUT" OF THE CONCRETE.
- 49. CURING OF CONCRETE IS ESSENTIAL - IDEALLY BY MAINTAINING WET HESSIAN OR SEALING WITH PLASTIC SHEETING.
- 50. SAW CUTTING OF CONCRETE SHOULD BE COMMENCED AS SOON AS CONCRETE PERMITS BY EXPERIENCED CONTRACTORS, BUT NO LATER THAN 12 HOURS AFTER POUR.
- 51. ALL DOWELS TO BE GRADE 250R STEEL BARS, 800mm LONG AND PLACED AT 300mm CENTERS. REFER CCAA- CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS FOR DOWEL DIAMETERS. DOWELS MUST BE ACCURATELY PLACED TO ENSURE THE JOINT DOES NOT "LOCK".
- 52. INSERTION OF DOWELS DURING THE PLACING OF CONCRETE IS NOT ACCEPTABLE. DOWELS MUST BE SAWN AND NOT CROPPED.
- 53. ALL JOINTS TO BE APPROPRIATELY SEALED TO RESIST THE INTRUSION OF SAND AND GRAVEL AND TO MINIMISE THE INGRESS OF WATER.
- 54. PEDESTRIAN CROSSINGS IN ACCORDANCE WITH IDM SD-200 AND AS 1428 SET.
- 55. FOOTPATHS IN ACCORDANCE WITH IDM SD-205 & SD-270.
- 56. CONCRETE JOINTS IN ACCORDANCE WITH IDM SD-210, SD-220 & SD-225.

KERB & CHANNEL

- 57. CONCRETE SHALL BE NORMAL CLASS N25 STANDARD STRENGTH GRADE COMPLYING WITH THE REQUIREMENTS OF AS. 1379. REFER TO VICROADS STANDARD SPECIFICATION 703 FOR REQUIREMENTS OF CONCRETE TO BE USED IN EXTRUSION MACHINES
- 58. CONCRETE TO BE SMOOTH TROWELLED FINISHED ON TRAY AND KERB, SPONGE FINISHED ON LAYBACK
- 59. CONSTRUCTION JOINTS LOCATED AT 2500mm MAXIMUM SPACING WITH 75mm MINIMUM DEPTH.
- 60. KERB BEDDING TO BE FULL DEPTH SUBGRADE, BEDDING TO TRAVERSE 150mm PAST BACK OF KERB.

PAVEMENT

- 61. PRIOR TO PLACEMENT OF SUBBASE MATERIAL THE SUBGRADE SHALL BE PROOF ROLLED AND APPROVED BY THE SUPERINTENDENT.
- 62. AT THE CONCLUSION OF EACH DAY'S WORK THE SITE SHALL BE LEFT FREELY DRAINING TO A DESIGNATED POINT. NO SURFACE RUNOFF WILL BE ALLOWED TO LEAVE THE SITE WITHOUT FIRST DRAINING VIA A SEDIMENT CONTROL MEASURE.
- 63. ANY SOFT AREAS WILL BE INSPECTED BY THE SUPERINTENDENT. THE SUPERINTENDENT MAY DETERMINE THAT THE SOFT MATERIAL IS TO BE EXCAVATED AND REMOVED FROM THE SITE.
- 64. WHERE THE MATERIALS WITHIN THE SOFT SPOT IS DEEMED TO BE RECOVERABLE THE SUPERINTENDENT MAY ALSO DETERMINE A METHODOLOGY FOR TREATING THE UNSUITABLE MATERIALS.
- 65. THE CONTRACTOR SHALL KEEP AND MAINTAIN DETAILED RECORDS OF THE PLACEMENT OF ALL MATERIALS AND COMPACTION METHODOLOGY.
- 66. PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT. PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENOTED, INSPECTED AND IF SUBGRADE IS IN QUESTION, FURTHER TESTING CARRIED OUT TO DETERMINE FINAL PAVEMENT DEPTH.
- 67. PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT.
- 68. PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENOTED, INSPECTED AND SUBGRADE PROOF ROLLED AND APPROVED BY THE SUPERINTENDENT PRIOR TO PLACEMENT OF SUBBASE MATERIAL.
- 69. NO CEMENT STABILISATION WORKS OR ANY OTHER MODIFIED MATERIALS TO BE INCORPORATED WITHIN THE WORKS WITHOUT THE SUPERINTENDENTS APPROVAL.
- 70. PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL ESTABLISH A SEDIMENT CONTROL PERIMETER, USING AN APPROVED DIVERSION OR INTERCEPTION METHOD.
- 71. ALL WORKS TO BE ACCURATELY SETOUT BEFORE COMMENCING EXCAVATION WORK.
- 72. THE CONTRACTOR SHALL KEEP AND MAINTAIN DETAILED RECORDS OF THE PLACEMENT OF ALL MATERIALS AND COMPACTION METHODOLOGY.
- 73. CONTRACTOR SHALL CONFIRM WITH COUNCIL ARBORIST BEFORE COMMENCING ANY WORKS AROUND EXISTING TREES AND WITHIN TREE ROOT PROTECTION ZONE.

ENVIRONMENTAL

- 74. NO WORKS SHALL COMMENCE ON SITE UNTIL CONTRACTOR IS FAMILIAR WITH THE SITE REHABILITATION REPORT COMPLETED BY DM McMAHON.
- 75. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENVIRONMENTAL PROTECTION AND THE IMPLEMENTATION OF A SITE ENVIRONMENTAL MANAGEMENT PLAN (SEMP) PREPARED IN ACCORDANCE WITH THE EPA'S "ENVIRONMENTAL GUIDELINES FOR MAJOR CONSTRUCTION SITES" AND "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL".
- 76. ALL PERSONNEL ON SITE INCLUDING SUBCONTRACTORS ARE TO BE INDUCTED ON THE REQUIREMENTS OF THE SEMP.
- 77. THE SEMP IS TO BE DISPLAYED ON SITE AND REGULAR TOOLBOX MEETINGS HELD TO REINFORCE REQUIREMENTS.
- 78. ENVIRONMENTAL PROTECTION MEASURES ARE TO BE INSPECTED BY THE CONTRACTOR A MINIMUM OF 2 TIMES PER WEEK AND PRIOR TO AND AFTER ANY "STORM EVENT". ANY DEFICIENCIES IN PROTECTION MEASURES ARE TO BE RECORDED AND RECTIFIED WITHIN 24 HOURS OF IDENTIFICATION.
- 79. THE CONTRACTOR SHALL MAINTAIN DOCUMENTATION INCLUDING BUT NOT LIMITED TO RECORDS OF INSPECTION OF PROTECTION MEASURES, IDENTIFICATION AND RECTIFICATION OF DEFICIENCIES, INCIDENT REPORTS, INDUCTION CHECKLISTS AND MINUTES OF TOOLBOX MEETINGS.

IDM STANDARD DRAWING SCHEDULE	
DRAWING No.	TITLE
SD 100	TYPICAL KERB PROFILES 'B2' TYPE
SD 110	TYPICAL KERB BEDDING DETAIL
SD 130	KERB & CHANNEL INSTALLATION ABUTTING EXISTING PAVEMENT
SD 250	NEW INDUSTRIAL VEHICLE CROSSING DETAIL
SD 310	TRENCH BACKFILL (TRENCHES WITHIN 1m OF COUNCIL ASSETS
SD 400	TYPICAL PIT DIMENSIONING
SD 405	UNHAUNCHED PITS
SD 415	CONCRETE PIT REINFORCEMENT WALL THICKNESS
SD 420	JUNCTION PIT IN ROAD RESERVE
SD 431	900 x 600mm SIDE ENTRY PIT
SD 445	DEPRESSED GRATED PIT
SD 497	REINFORCED CONCRETE WINGWALL
SD 510	HOUSE DRAIN UNDER ROAD PAVEMENT
SD 515	STREET DRAIN CONNECTION

REFERENCED DRAWING SCHEDULE		
NBN SERVICES DESIGN		
STG-XXXX	TBC	A
STG-XXXX	TBC	A
STG-XXXX	TBC	A
ELECTRICAL SERVICES DESIGN		
400-20-156	TBC	A
400-20-156	TBC	A
400-20-156	TBC	A

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A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
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LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT



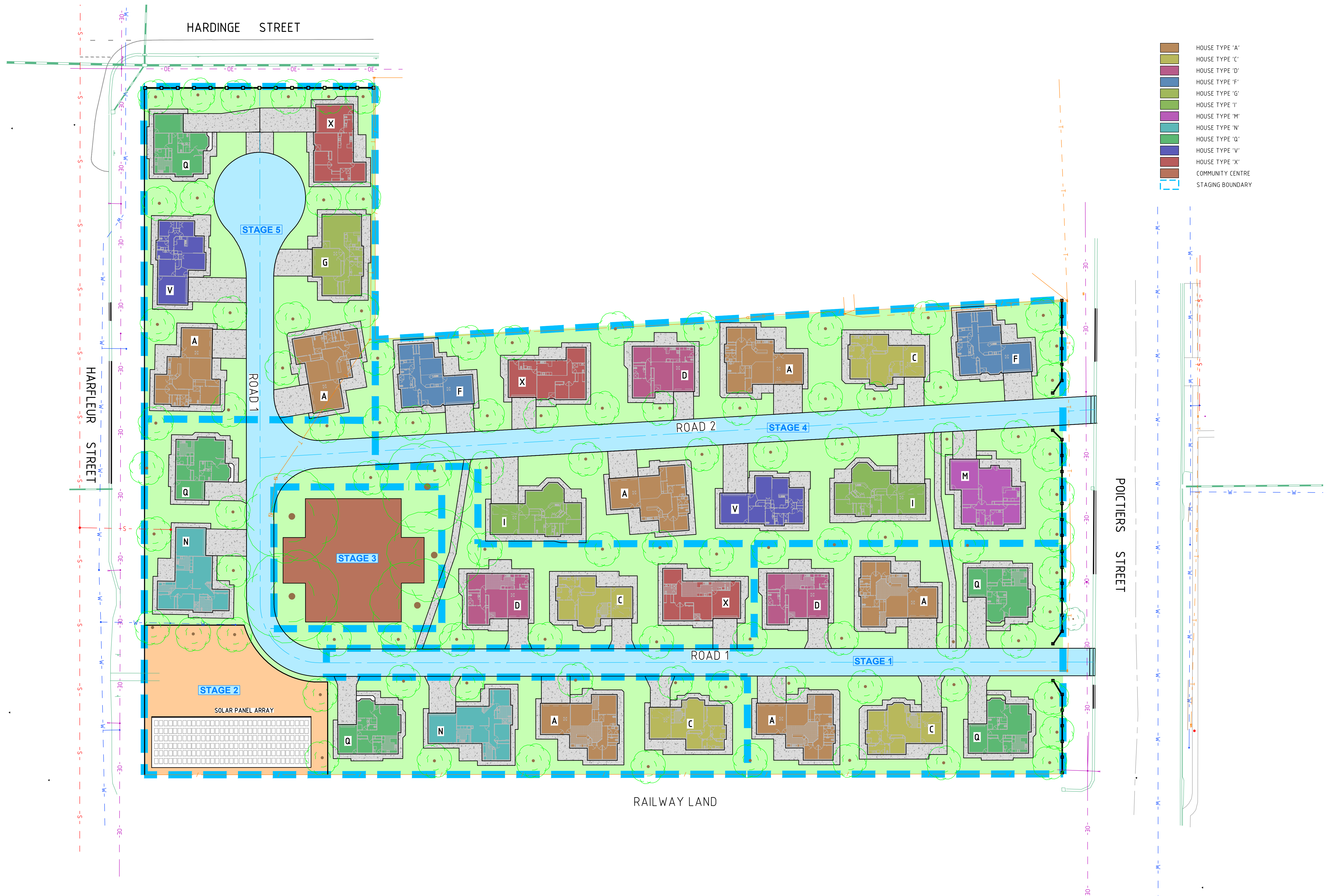
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Client:	EDWARD RIVER COUNCIL		Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT		Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIQUIN		Cad File:	3570 C01.DWG		Size:
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2		Scale:	SCALE AS SHOWN		A1
	-		Drawing No		Shh:	Issue
Title:	GENERAL NOTES		3570 / C02		2 of 30	C
	-					

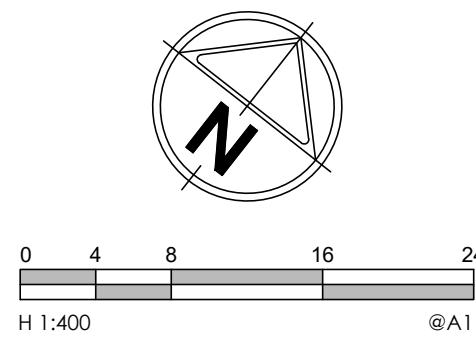


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Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2		Scale:	SCALE AS SHOWN		Issue
Title:	MASTER PLAN & STAGING		Drawing No:	3570 / C03	Shh:	
				3 of 30		C

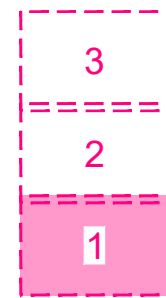
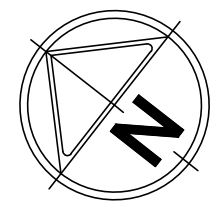
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ISSUE	DESCRIPTION	DATE
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Client:	EDWARD RIVER COUNCIL
Project Name:	SENIORS LIVING PRECINCT
Location:	POICTIERS STREET, DENILIQUIN
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2
Title:	EXISTING CONDITIONS (SHEET 1 OF 3)

Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Cad File:	3570 C01.DWG	Size:	A1
Scale:	SCALE AS SHOWN	Sh:	
Drawing No:	3570 / C04	Issue:	4 of 30

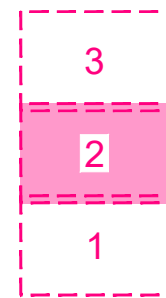
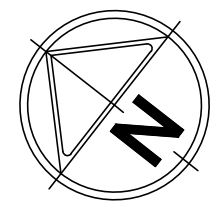
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w: caconsulting.com.au

Client:	EDWARD RIVER COUNCIL		Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT		Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIQUIN		Cad File:	3570 C01DWG	Size: A1	
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2		Scale:	SCALE AS SHOWN		Issue
Title:	EXISTING CONDITIONS (SHEET 2 OF 3)		Drawing No:	3570 / C05	Sh:	
				5 of 30		C

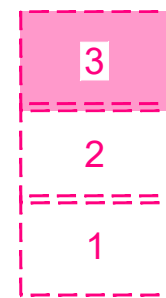
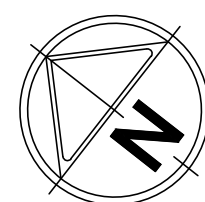
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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m



COMMENT



**Edward
River
COUNCIL**

Edward River Council
Civic Centre
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Fax 03 5898 3029



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t: 03 5831 3347
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e: info@cccfconsulting.com.au
w: ccfconsulting.com.au

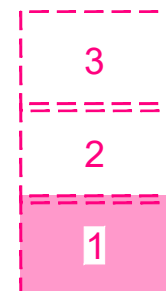
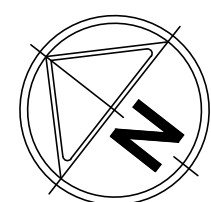
Client: EDWARD RIVER COUNCIL		Surveyed: B.SLOAN MAY 2021		Drawn: J.DENSLEY 02/06/2021			
Project Name: SENIORS LIVING PRECINCT		Designed: S.GALEA 02/06/2021		Approved: K.TIDD 11/08/2021			
Location: POICTIERS STREET, DENILIQUIN		Cad File: 3570 C01.DWG				Size: A1	
Property: DP732067 LOT 1 & DP1220715 LOT 2		Scale: SCALE AS SHOWN				Issue:	
		Drawing No:					Sh:
Title: EXISTING CONDITIONS (SHEET 3 OF 3)		3570 / C06		6 of 30			C

12/08/2021 11:51:33 AM 3570 C01.DWG

ISSUE	DESCRIPTION	DATE
A	FOR INFORMATION	02/06/2021
B	FUNCTIONAL DESIGN	16/06/2021
C	PROVISION DETAILED DESIGN	10/08/2021

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN A.H.D
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT



Edward River COUNCIL

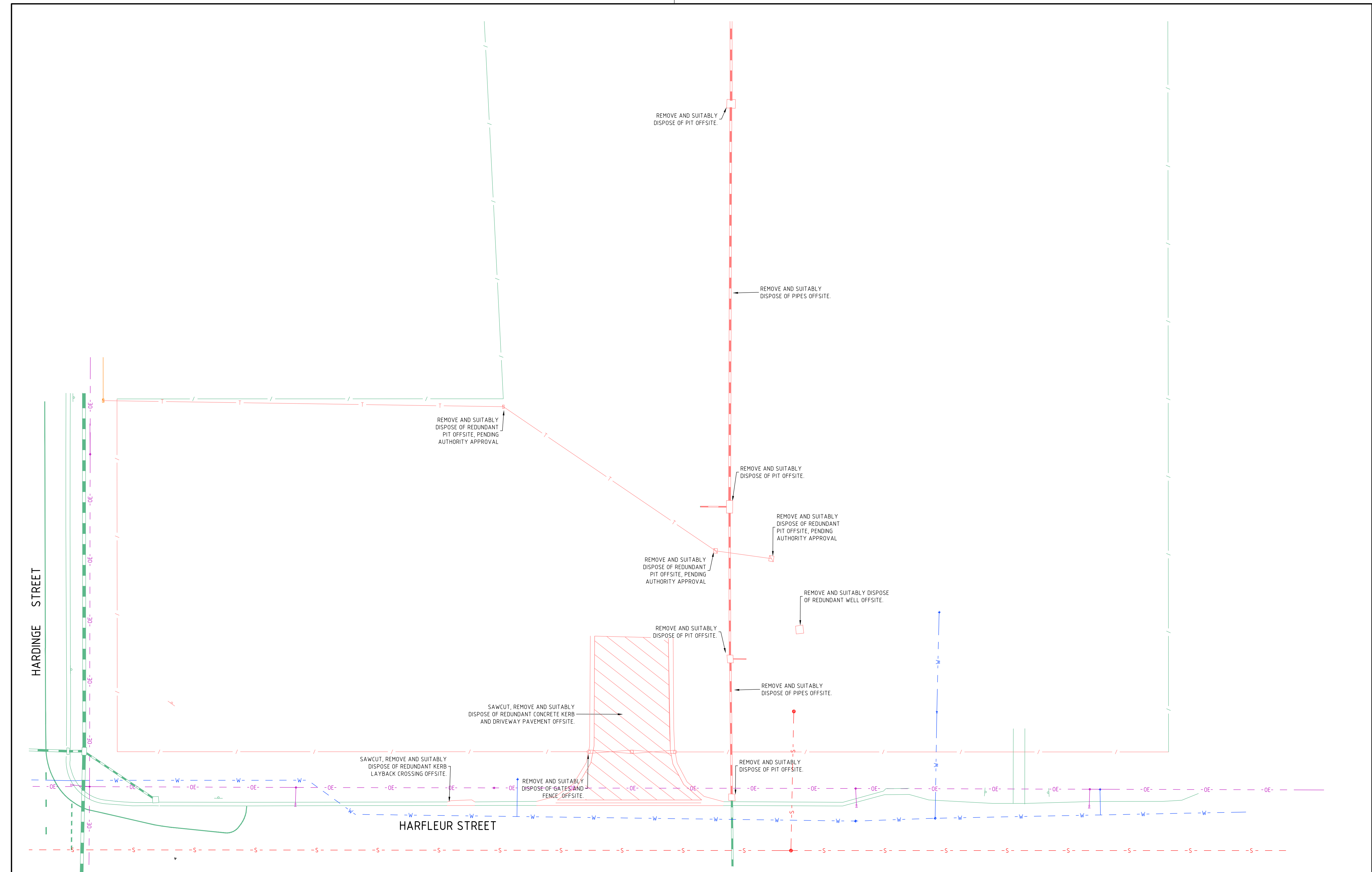
Edward River Council
Civic Centre
Civil Place
P.O. Box 270,
Deniliquin, NSW 2710
Phone 03 5898 3000
Fax 03 5898 3029

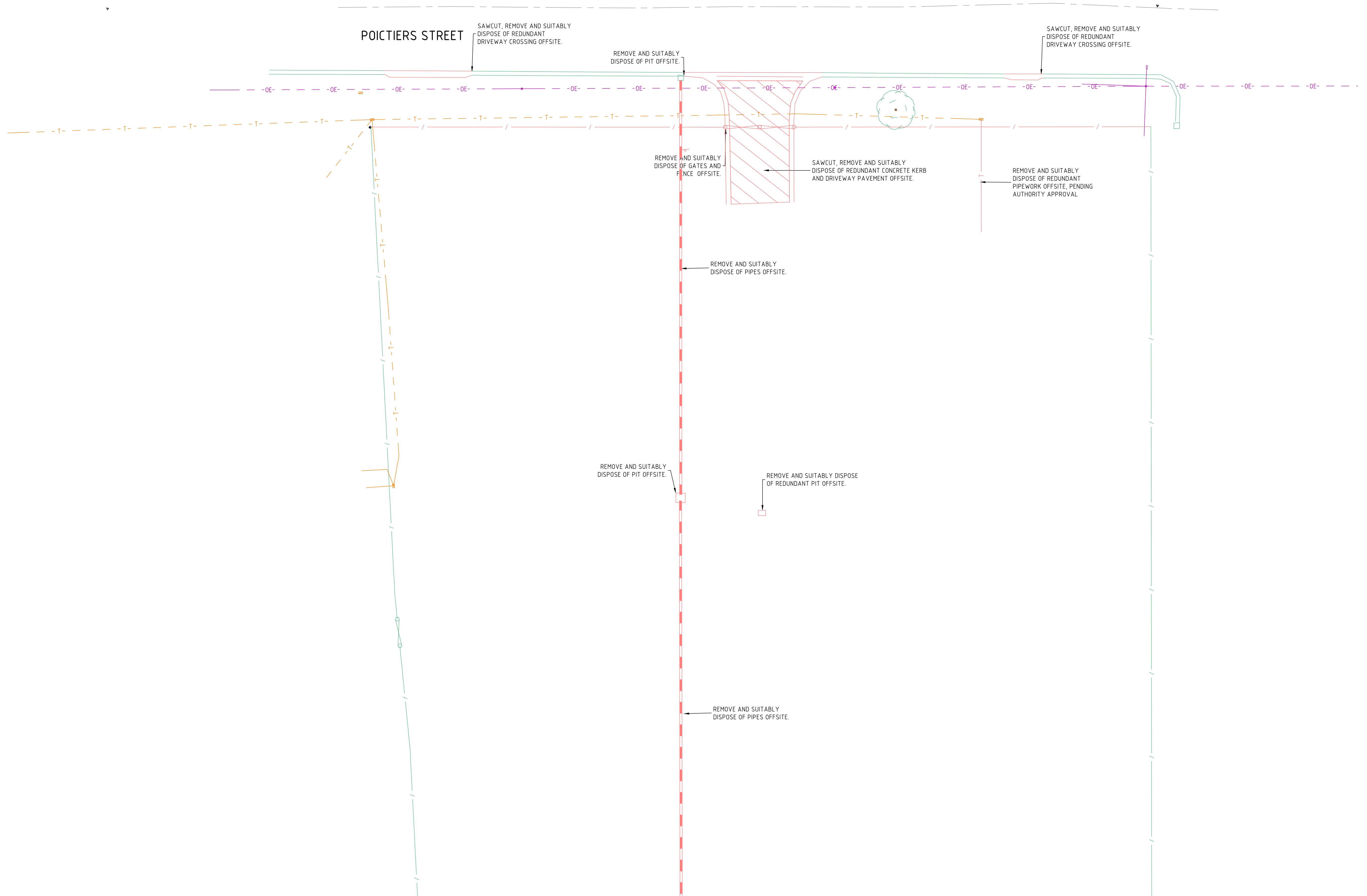


abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
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t: 03 5831 3347
f: 03 5831 3343
e: info@cafcconsulting.com.au
w: cafcconsulting.com.au

Client:	EDWARD RIVER COUNCIL		
Project Name:	SENIORS LIVING PRECINCT		
Location:	POICTIERS STREET, DENILIQUIN		
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2		
Title:	DEMOLITION PLAN (SHEET 1 OF 3)		

Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Cad File:	3570 C01.DWG		
Scale:	SCALE AS SHOWN		
Drawing No:	3570 / C07	Shh:	7 of 30
Issue:			C





12/08/2021 11:51:38 AM 3570 C01.DWG

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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN A.H.D
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT

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1

H 1:250 @A1

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Civic Centre
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abn: 37 160 560 556
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t: 03 5831 3347
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w: cafcconsulting.com.au

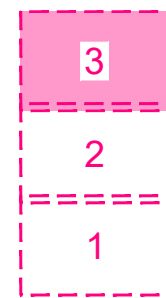
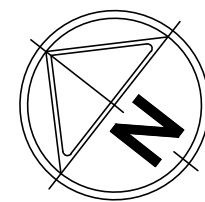
Client:	EDWARD RIVER COUNCIL		Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT		Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIKUIN		Cad File:	3570 C01.DWG		Size:
Property:	PARISH OF SOUTH DENILIKUIN		Scale:	SCALE AS SHOWN		A1
	DP732067 LOT 1 & DP1220715 LOT 2		Drawing No	Shh:		Issue
Title:	DEMOLITION PLAN (SHEET 2 OF 3)		3570 / C08		8 of 30	C

12/08/2021 11:51:43 AM 3570 C01.DWG

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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN A.H.D
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT



Edward River COUNCIL
Edward River Council
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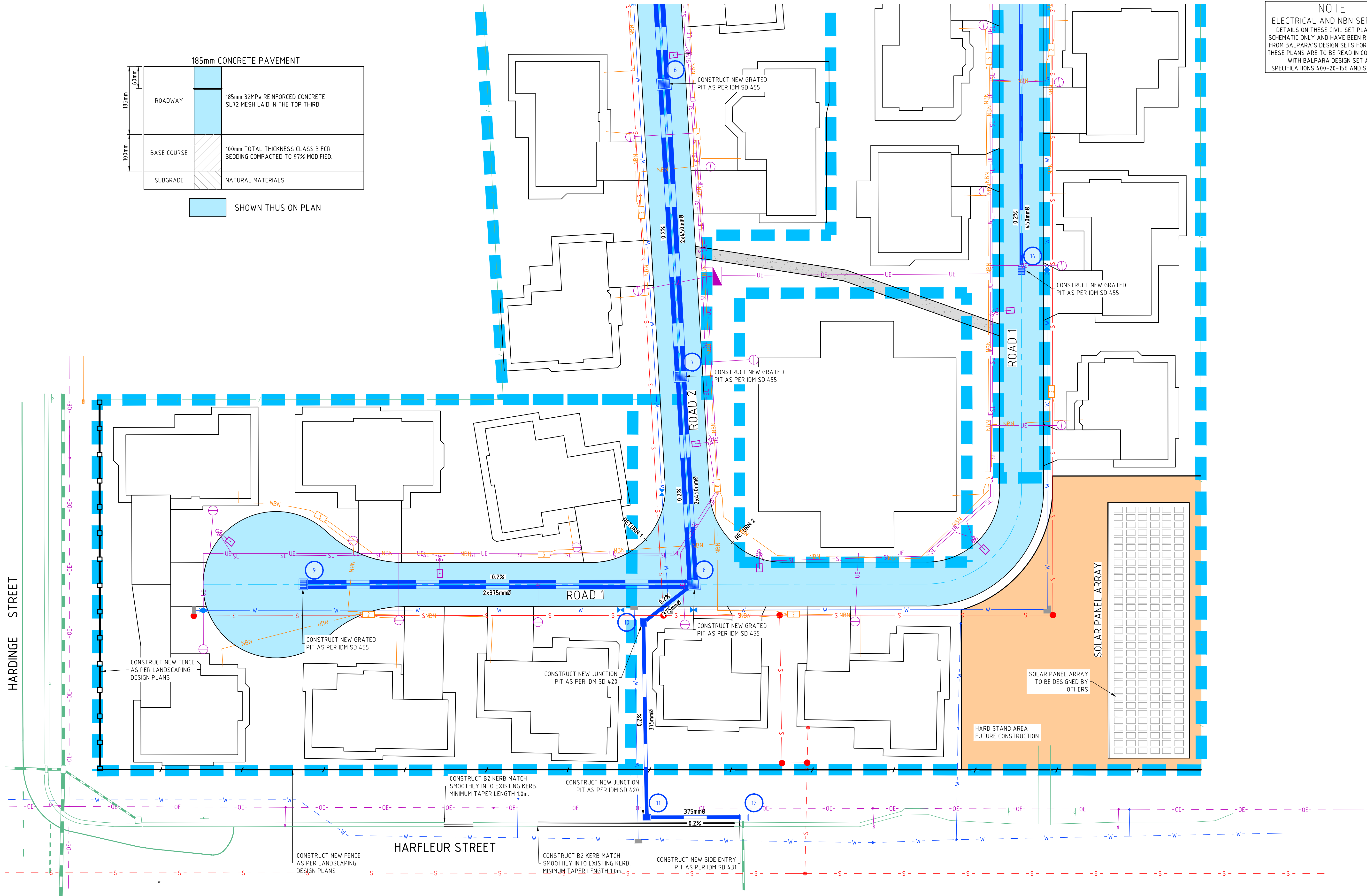
abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafcconsulting.com.au
w: cafcconsulting.com.au

Client:	EDWARD RIVER COUNCIL		
Project Name:	SENIORS LIVING PRECINCT		
Location:	POICTIERS STREET, DENILIQUIN		
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2		
Title:	DEMOLITION PLAN (SHEET 3 OF 3)		

Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Cad File:	3570 C01.DWG		Size:
Scale:	SCALE AS SHOWN		A1
Drawing No		Shh:	
		Issue	
	3570 / C09	9 of 30	C

NOTE
ELECTRICAL AND NBN SERVICES
DETAILS ON THESE CIVIL SET PLANS ARE
SCHEMATIC ONLY AND HAVE BEEN REPLICATED
FROM BALPARA'S DESIGN SETS FOR CONTEXT.
THESE PLANS ARE TO BE READ IN CONJUNCTION
WITH BALPARA DESIGN SET 1 AND
SPECIFICATIONS 400-20-156 AND STG-xxxxx

185mm CONCRETE PAVEMENT		
ROADWAY	185mm 32MPa REINFORCED CONCRETE SL72 MESH LAID IN THE TOP THIRD	
BASE COURSE	100mm TOTAL THICKNESS CLASS 3 FCR BEDDING COMPACTED TO 97% MODIFIED.	
SUBGRADE	NATURAL MATERIALS	
SHOWN THUS ON PLAN		

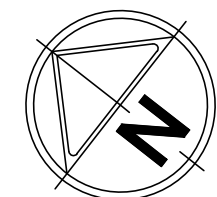


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ISSUE	DESCRIPTION	DATE
C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT



3
2
1



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Edward River Council
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Civil Place
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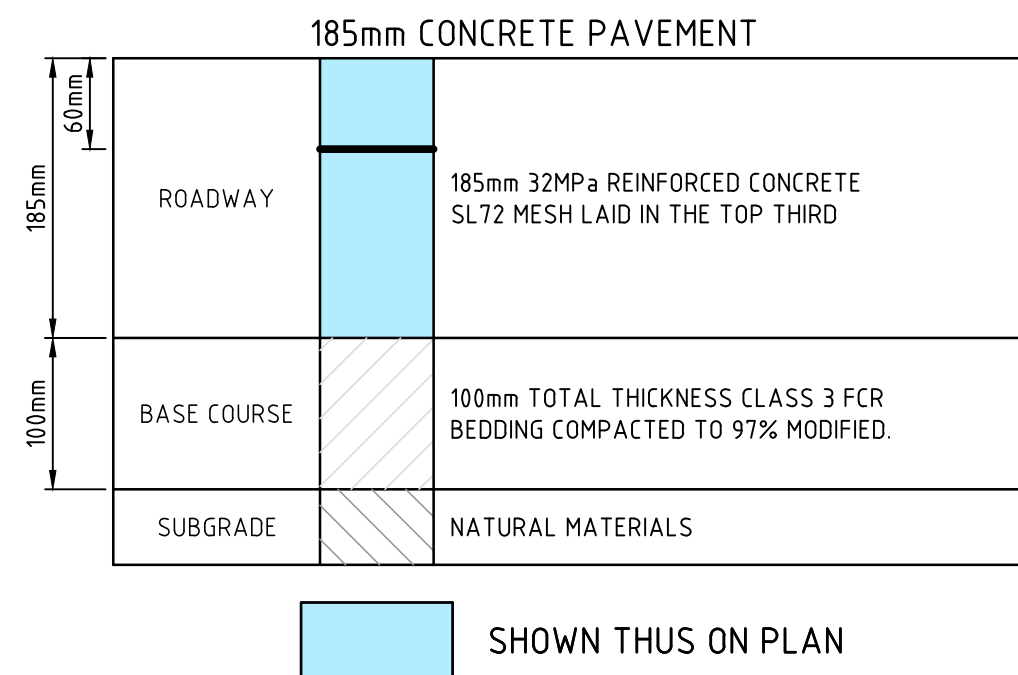
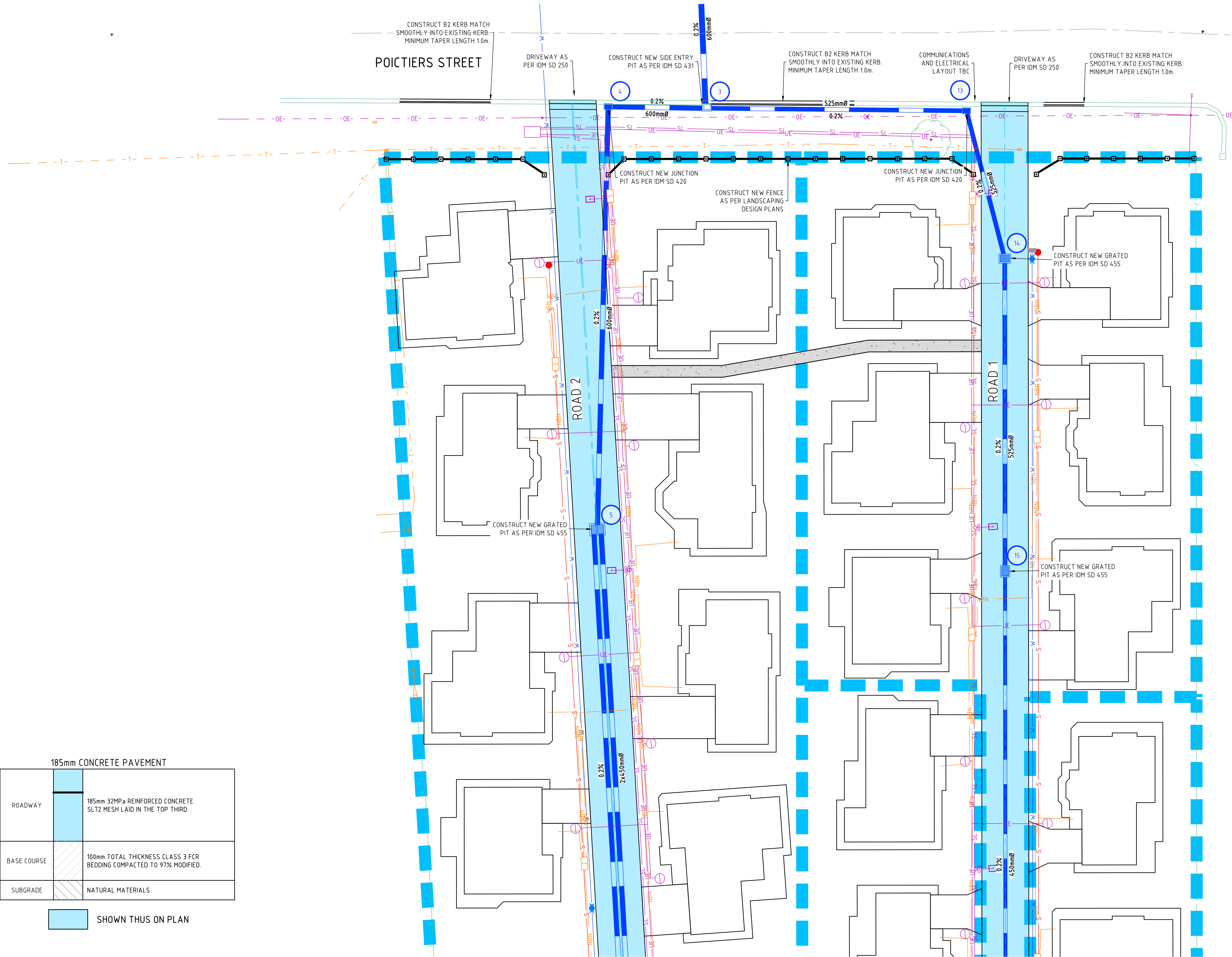


abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
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t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

Client:	EDWARD RIVER COUNCIL
Project Name:	SENIORS LIVING PRECINCT
Location:	POICTIERS STREET, DENILIQUIN
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2
Title:	LAYOUT PLAN (SHEET 1 OF 3)

Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Cad File:	3570 C01DWG	Size:	A1
Scale:	SCALE AS SHOWN	Shr:	
Drawing No:	3570 / C10	Issue:	C
	10 of 30		

NOTE
ELECTRICAL AND NBN SERVICES
DETAILS ON THESE CIVIL SET PLANS ARE
SCHEMATIC ONLY AND HAVE BEEN REPLICATED
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SPECIFICATIONS 400-20-156 AND STG-xxxxx

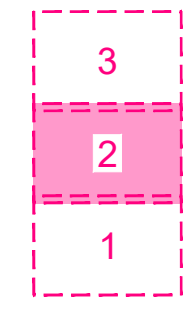
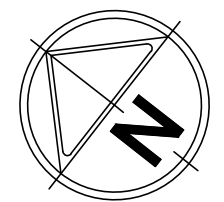


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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT



Edward River
COUNCIL

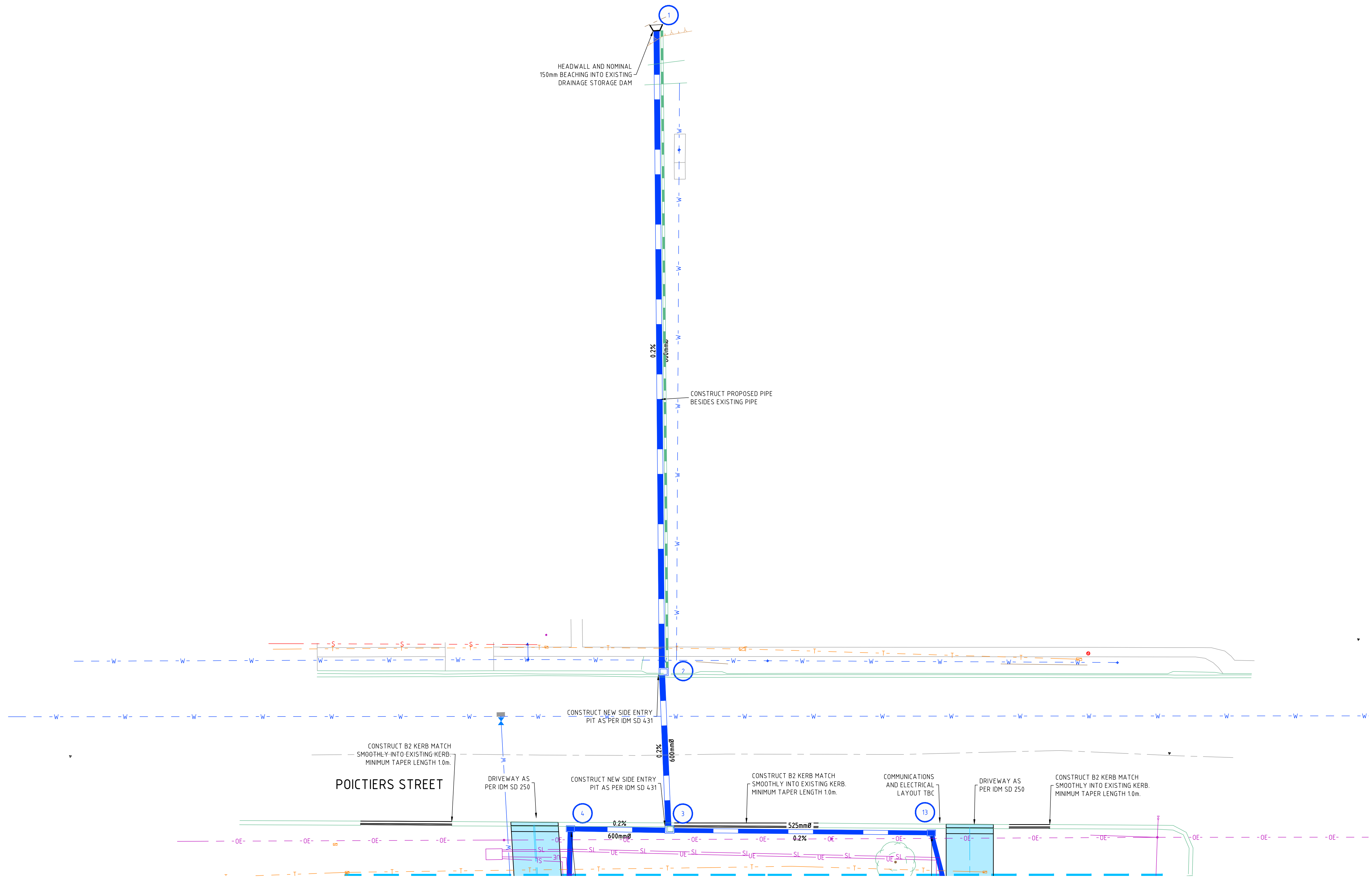
Edward River Council
Civic Centre
Civil Place
P.O. Box 270,
Deniliquin, NSW 2710
Phone 03 5898 3000
Fax 03 5898 3029



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Client:	EDWARD RIVER COUNCIL	Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT	Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIQUIN	Cad File:	3570 C01DWG	Size:	A1
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2	Scale:	SCALE AS SHOWN		
Title:	LAYOUT PLAN (SHEET 2 OF 3)	Drawing No:	3570 / C11	Shh:	11 of 30
				Issue:	C

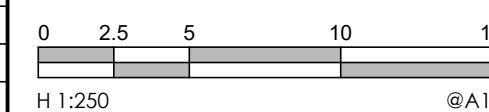
NOTE
ELECTRICAL AND NBN SERVICES
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SPECIFICATIONS 400-20-156 AND STG-xxxxx



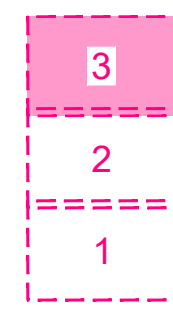
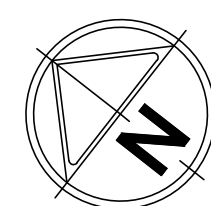
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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN A.H.D
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m



COMMENT



**Edward
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COUNCIL**

Edward River Council
Civic Centre
Civil Place
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Fax 03 5898 3029



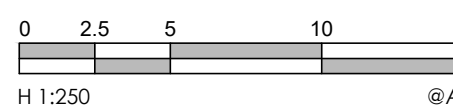
abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

Client:	EDWARD RIVER COUNCIL		Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT		Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POITIERS STREET, DENILIQUIN		Cad File:	3570 C01.DWG		Size:
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2		Scale:	SCALE AS SHOWN		A1
Title:	LAYOUT PLAN (SHEET 3 OF 3)		Drawing No:	3570 / C12	Shh:	12 of 30
					Issue:	C

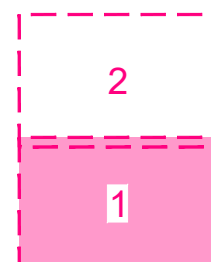
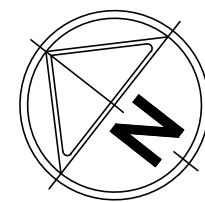
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ISSUE	DESCRIPTION	DATE
A	FOR INFORMATION	02/06/2021
B	FUNCTIONAL DESIGN	16/06/2021
C	PROVISION DETAILED DESIGN	10/08/2021

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m



COMMENT



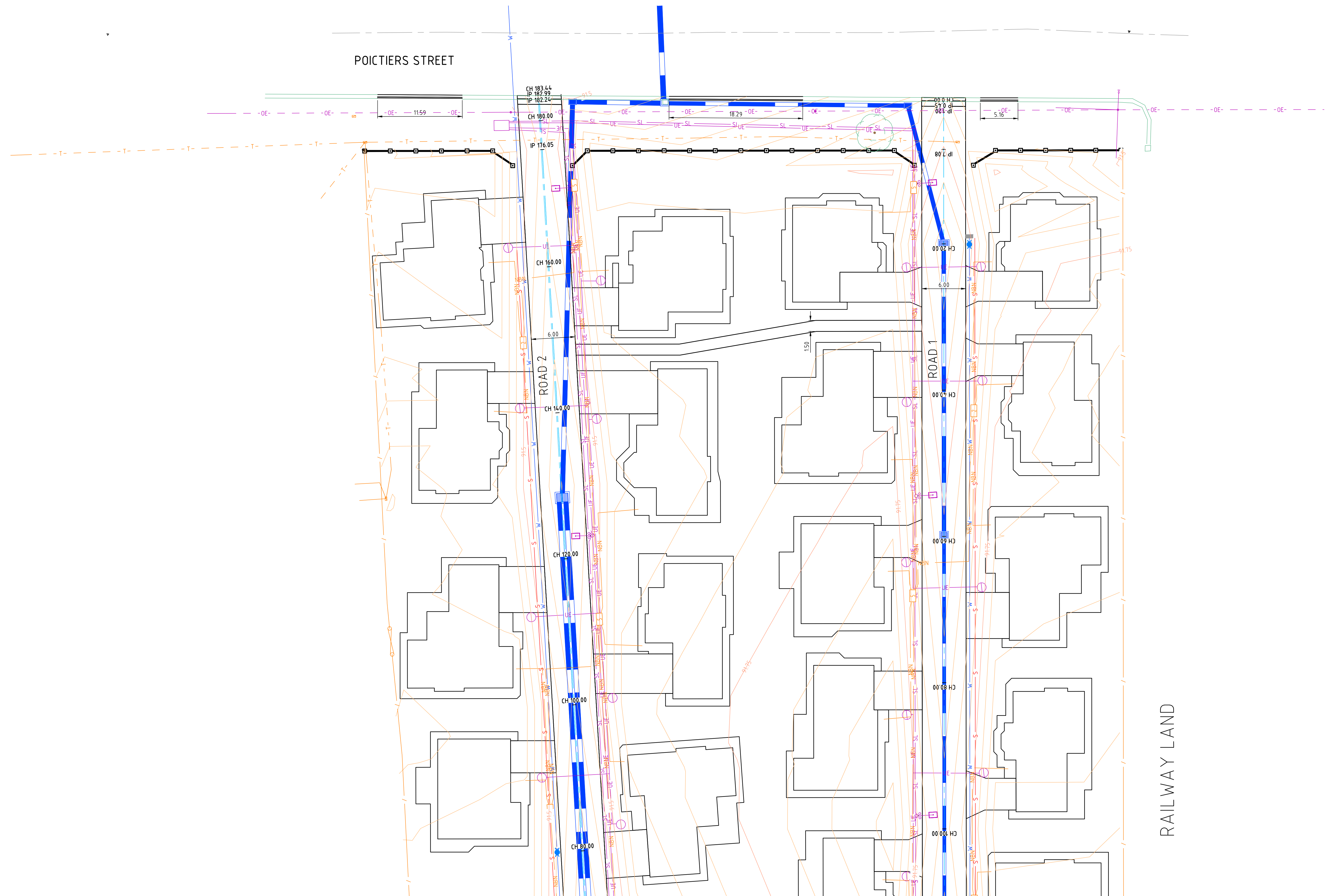
Edward River COUNCIL

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P.O. Box 270,
Deniliquin, NSW 2710
Phone 03 5898 3000
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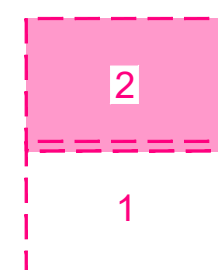
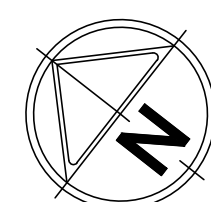
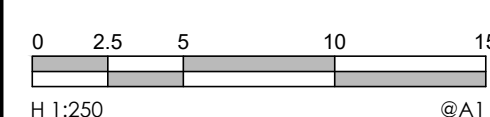
abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cofconsulting.com.au
w: cofconsulting.com.au

Client:	EDWARD RIVER COUNCIL	Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT	Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIQUIN	Cad File:	3570 C01.DWG	Size:	A1
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2	Scale:	SCALE AS SHOWN	Shh:	Issue
Title:	CONTOUR AND SETOUT (SHEET 1 OF 2)	Drawing No:	3570 / C13	Shh:	13 of 30
					C



3570	-	-	-
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C	PROVISION DETAILED DESIGN	10/08/2021	
B	FUNCTIONAL DESIGN	16/06/2021	
A	FOR INFORMATION	02/06/2021	
ISSUE	DESCRIPTION	DATE	

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN A.H.D
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**Edward
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COUNCIL

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3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafaconsulting.com.au
w: cafaconsulting.com.au

Client:	EDWARD RIVER COUNCIL
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Project Name:	SENIORS LIVING PRECINCT
Location:	POICTIERS STREET, DENILQUIN PARISH OF SOUTH DENILQUIN
Property:	DP732067 LOT 1 & DP1220715 LOT 2

Title:	CONTOUR AND SETOUT (SHEET 2 OF 2)
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Surveyed: B.SLOAN MAY 2021	Drawn: J.DENSLEY 02/06/2021
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Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
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Cad File: 3570 C01.DWG	Size: A1
Scale: SCALE AS SHOWN	

Drawing No:	Sht:	Issue:
3570 / C14	14 of 30	C

12/08/2021 11:52:13 AM 3570 C01DWG

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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT



Edward
River
COUNCIL

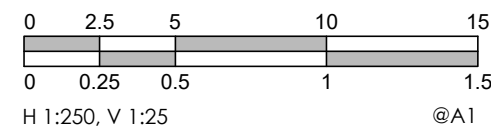
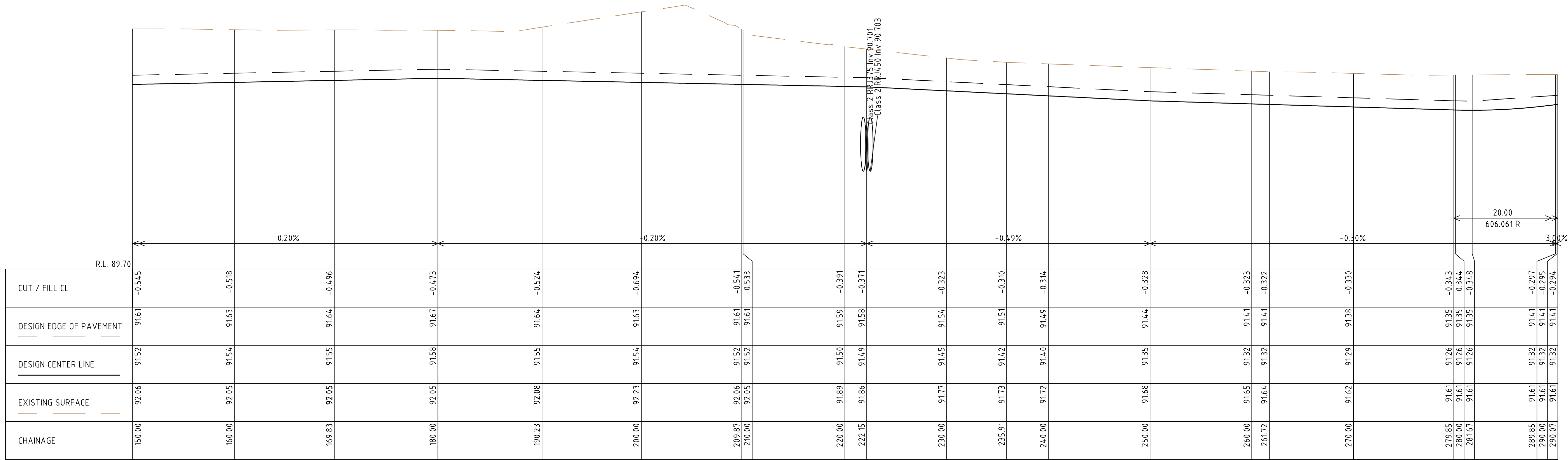
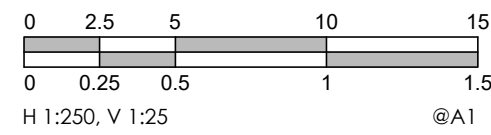
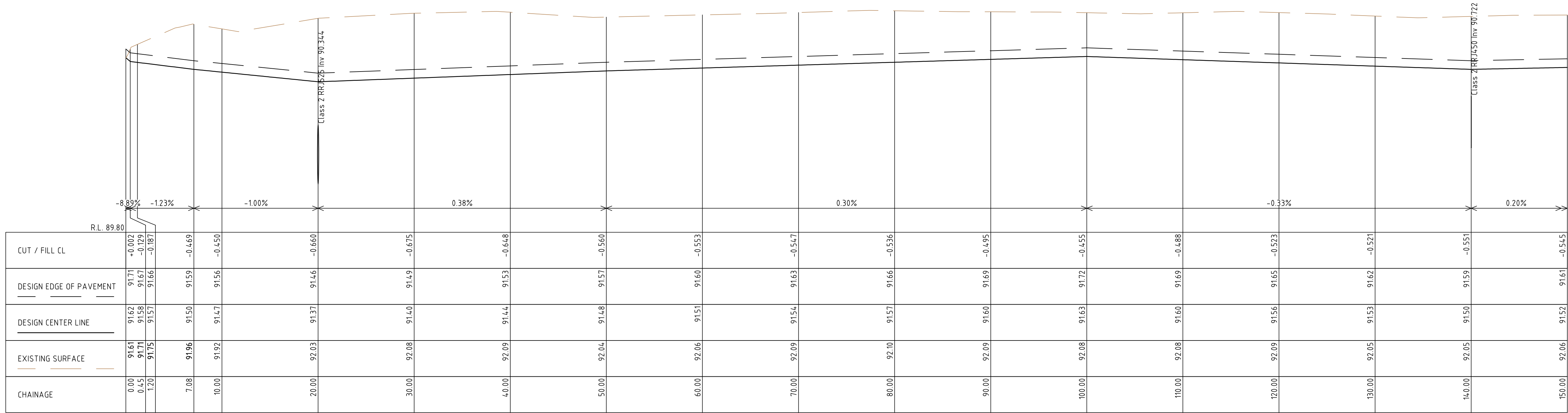
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Client:	EDWARD RIVER COUNCIL	
Project Name:	SENIORS LIVING PRECINCT	
Location:	POICTIERS STREET, DENILIKUIN	
Property:	PARISH OF SOUTH DENILIKUIN DP732067 LOT 1 & DP1220715 LOT 2	
Title:	ROAD 1 LONG SECTIONS	

Surveyed	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Designed	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Cad File:	3570 C01DWG	Size:	A1
Scale:	SCALE AS SHOWN		
Drawing No		Shh:	
3570 / C15		15 of 30	C



12/08/2021 11:52:16 AM 3570 C01DWG

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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT



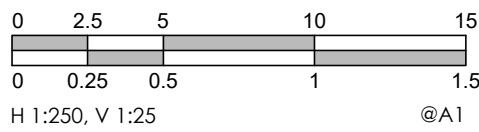
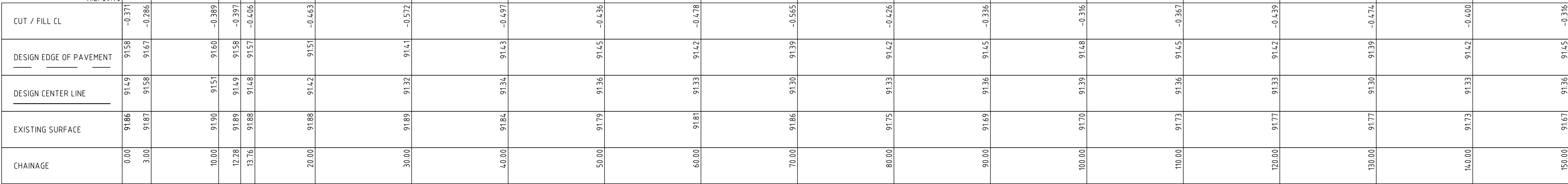
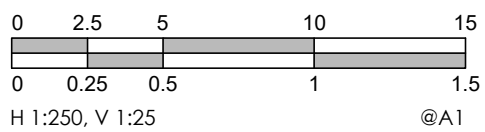
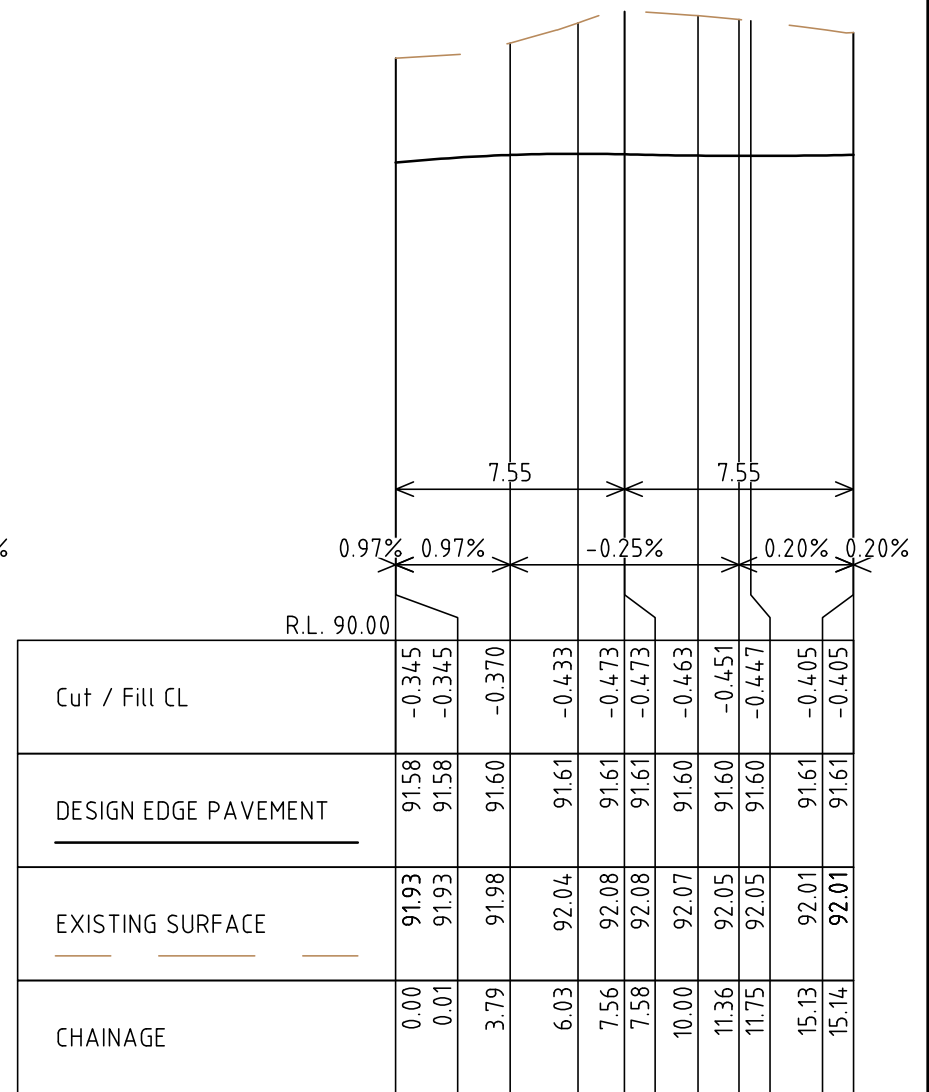
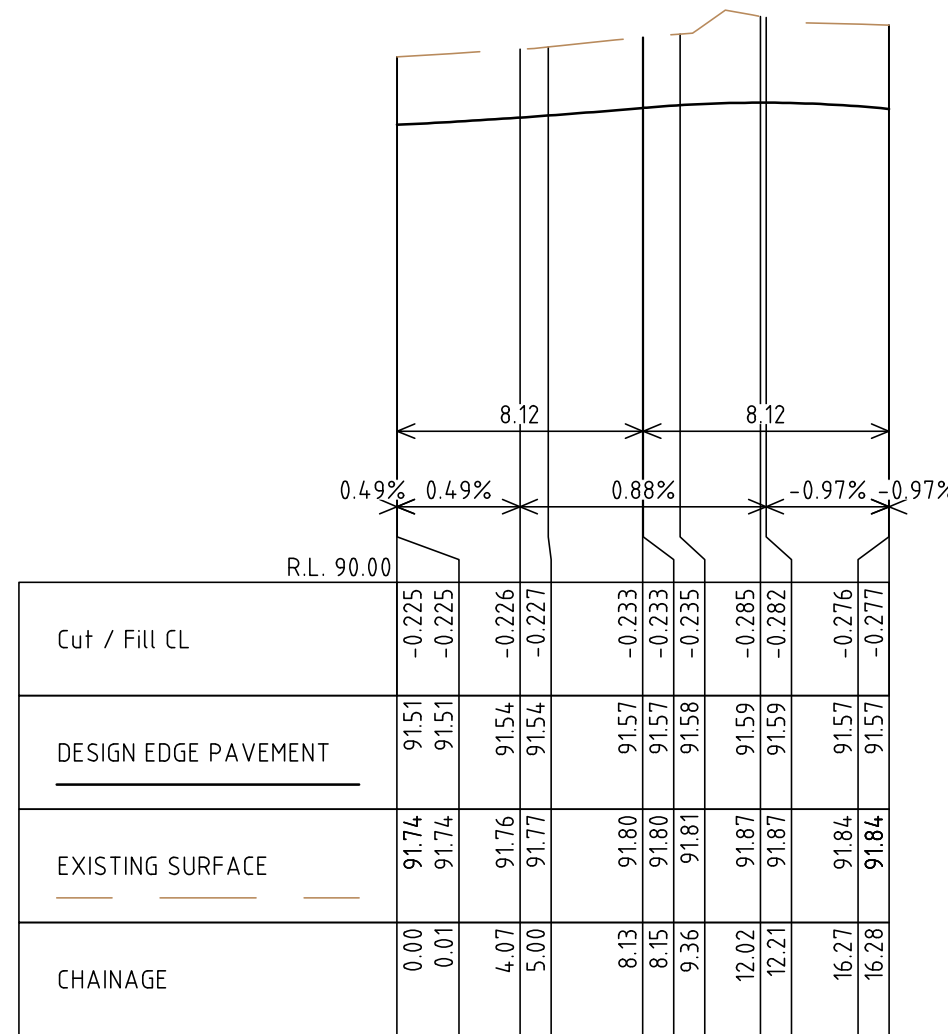
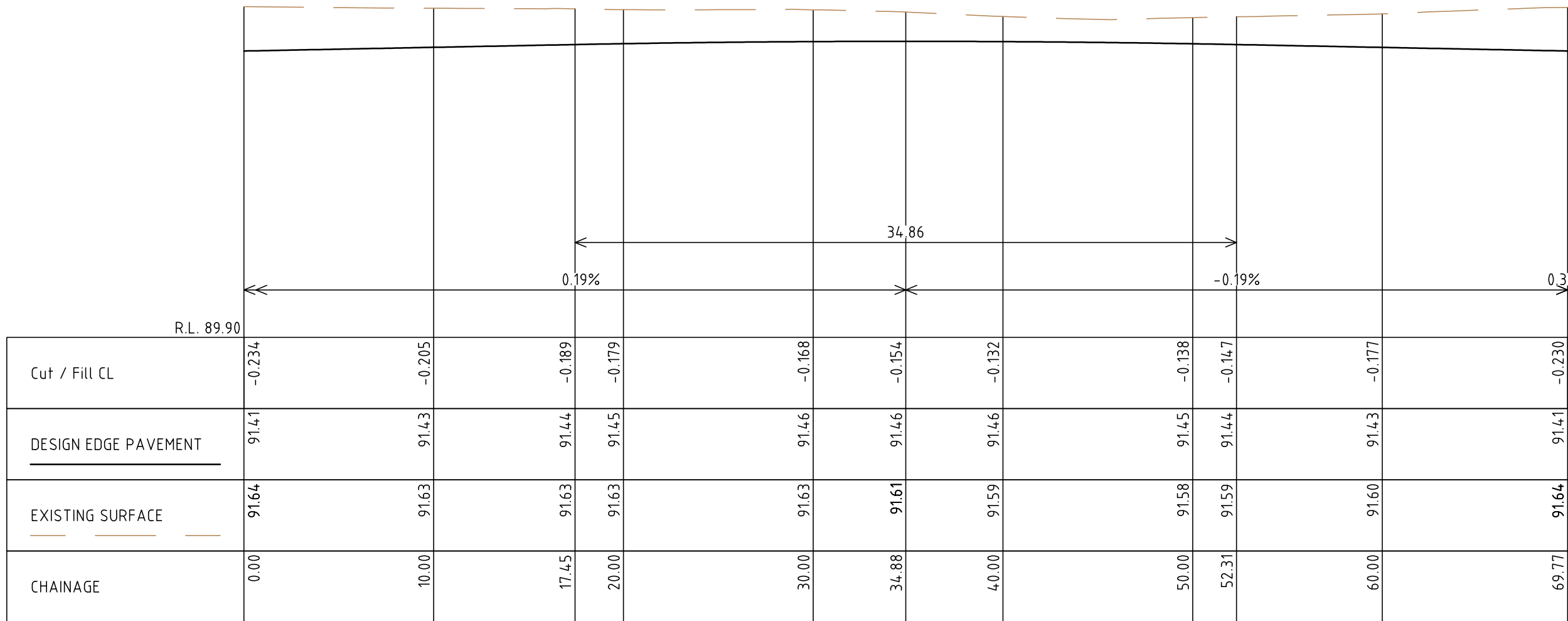
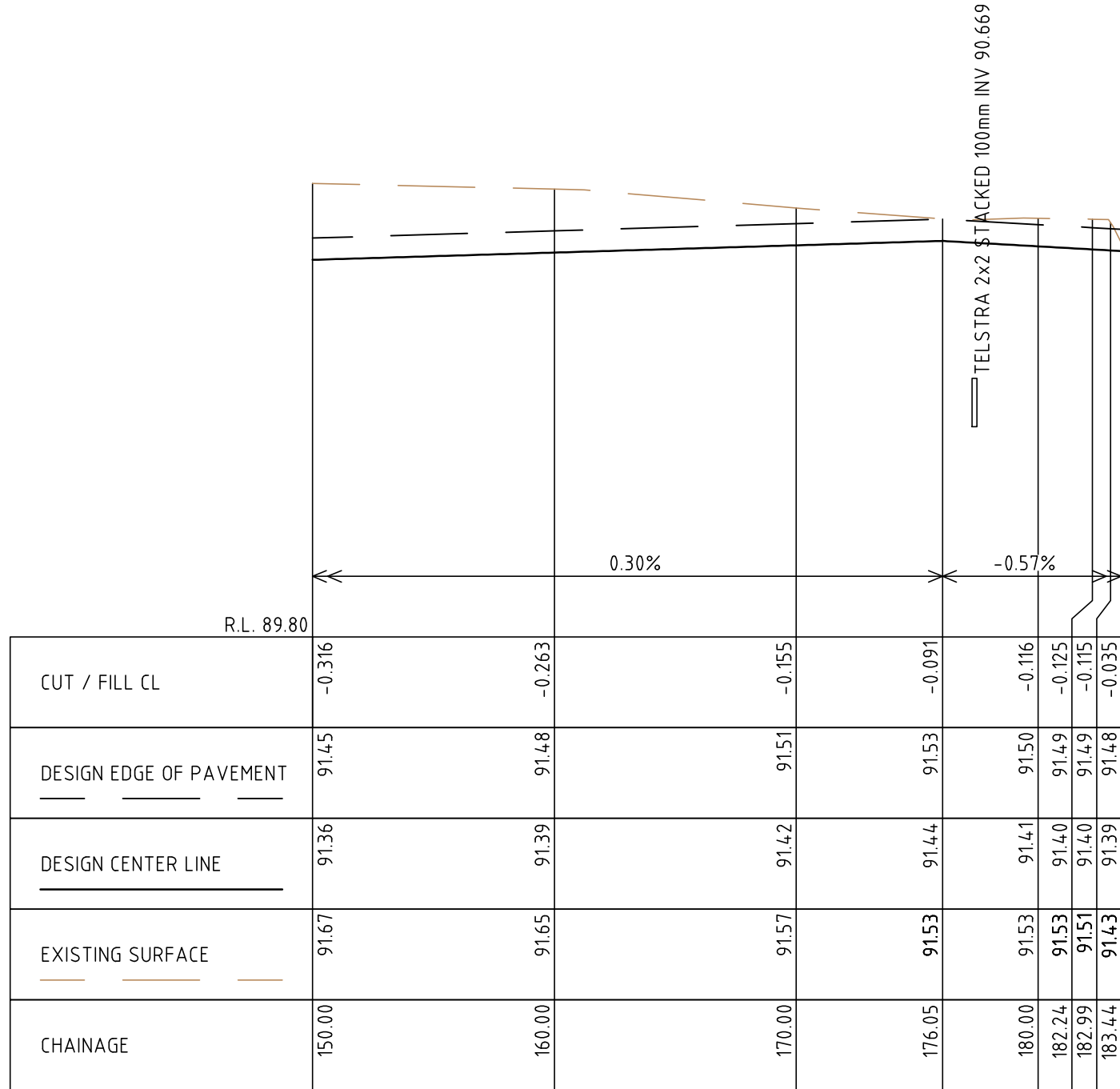
Edward River COUNCIL

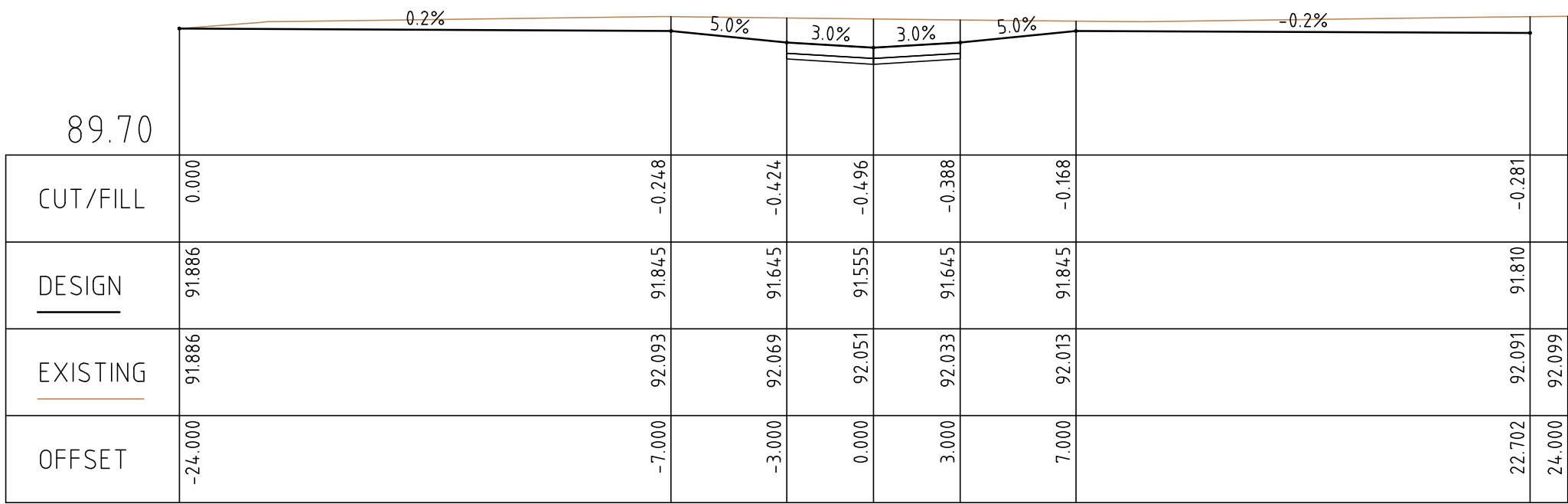
Edward River Council
Civic Centre
Civil Place
P.O. Box 270,
Deniliquin, NSW 2710
Phone 03 5898 3000
Fax 03 5898 3029



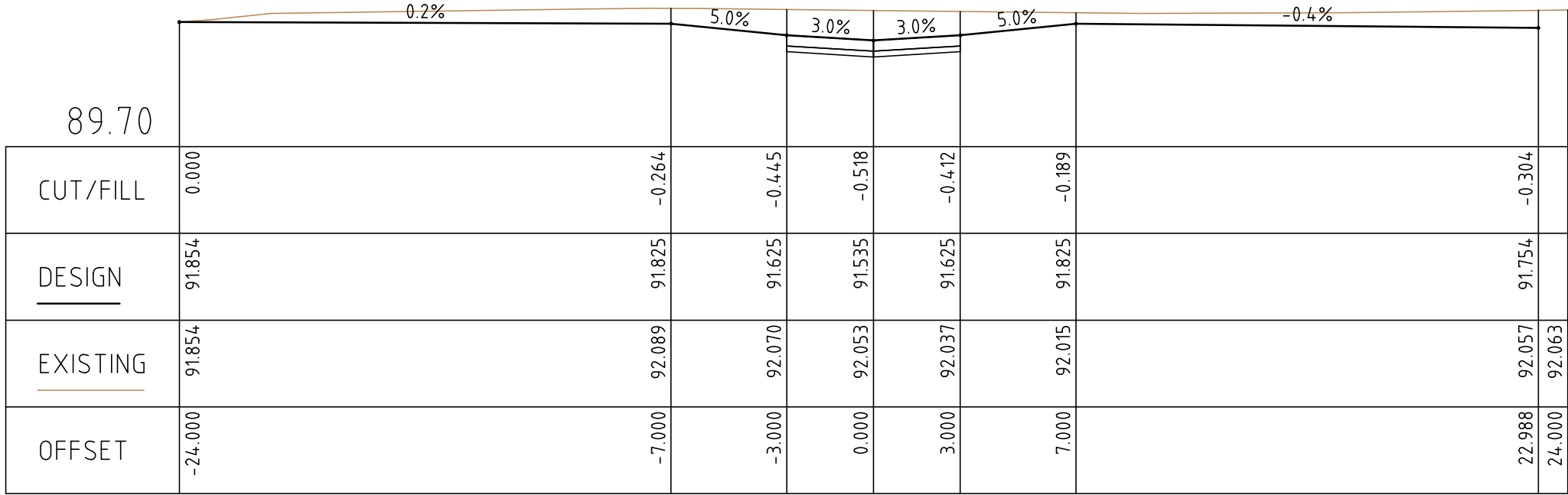
abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cofconsulting.com.au
w: cofconsulting.com.au

Client:	EDWARD RIVER COUNCIL		Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT		Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIQUIN		Cad File:	3570 C01DWG	Size: A1	
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2		Scale:	SCALE AS SHOWN		Issue
Title:	ROAD 2, RETURNS AND COURT LONG SECTIONS		Drawing No	3570 / C16	Shh:	
						16 of 30

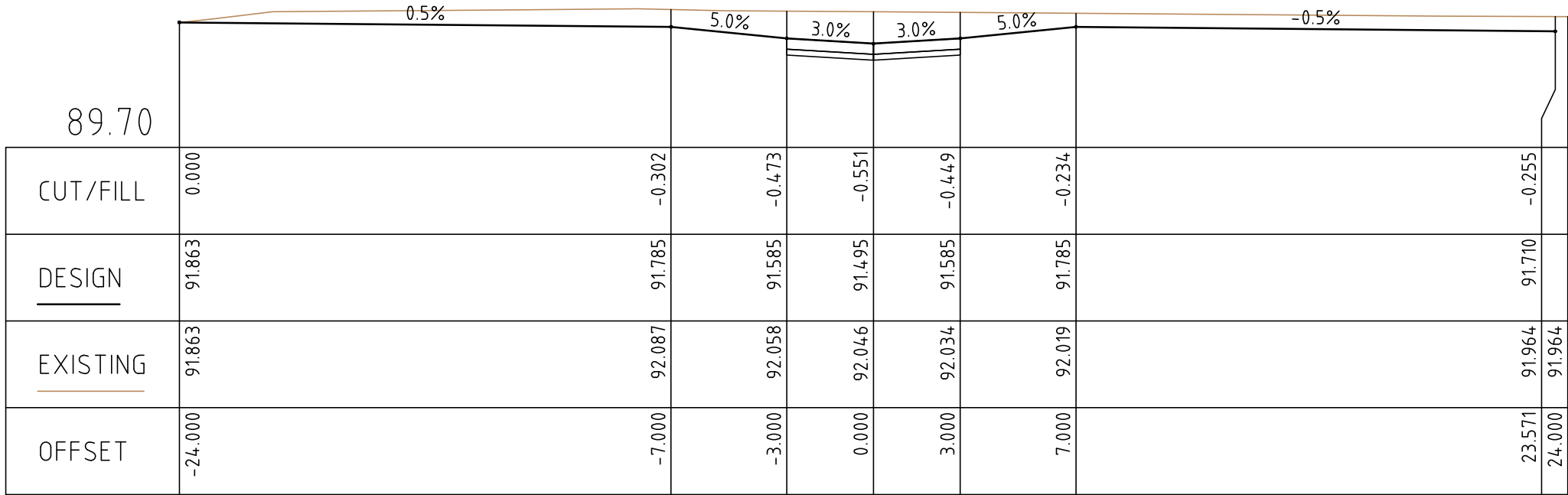




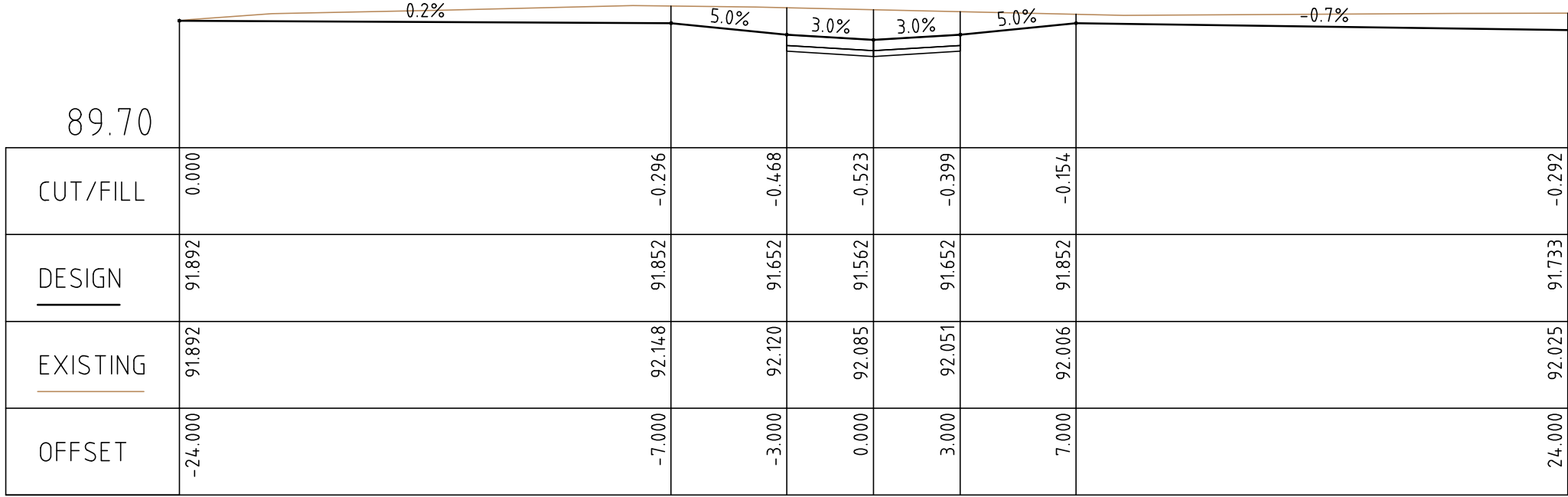
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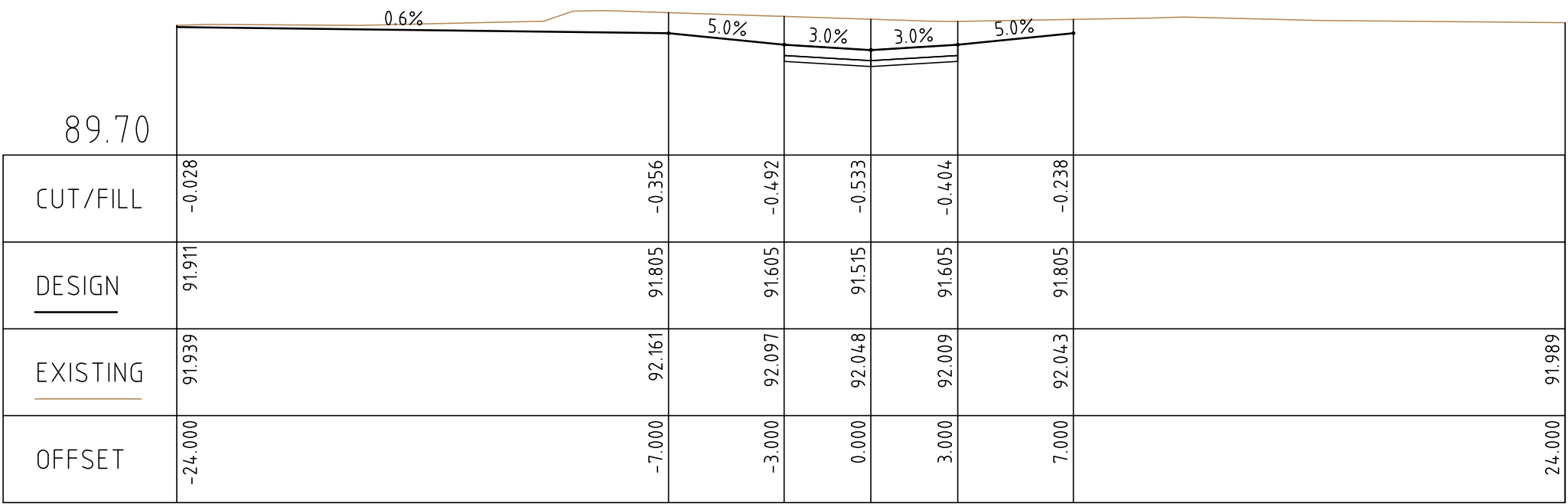
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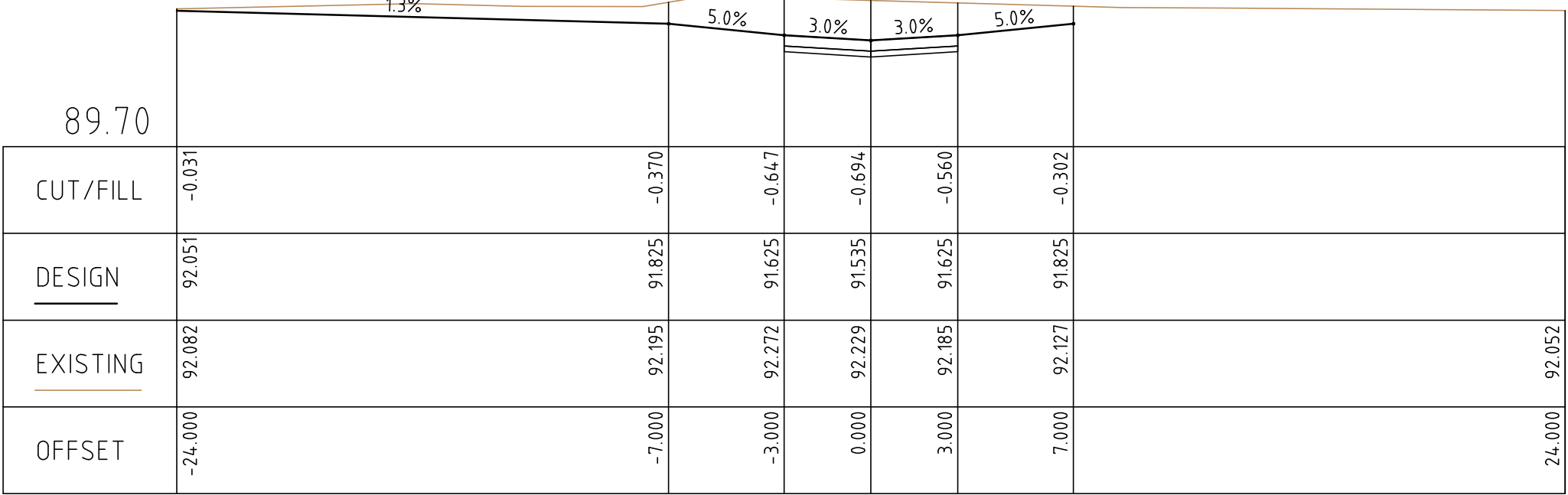
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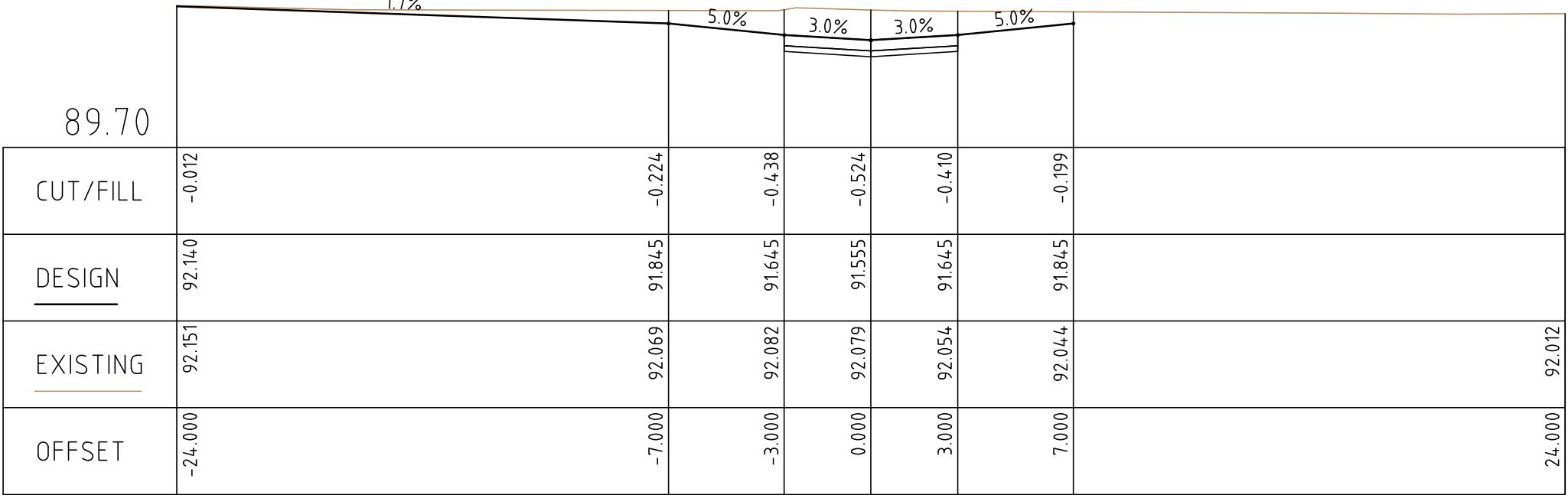
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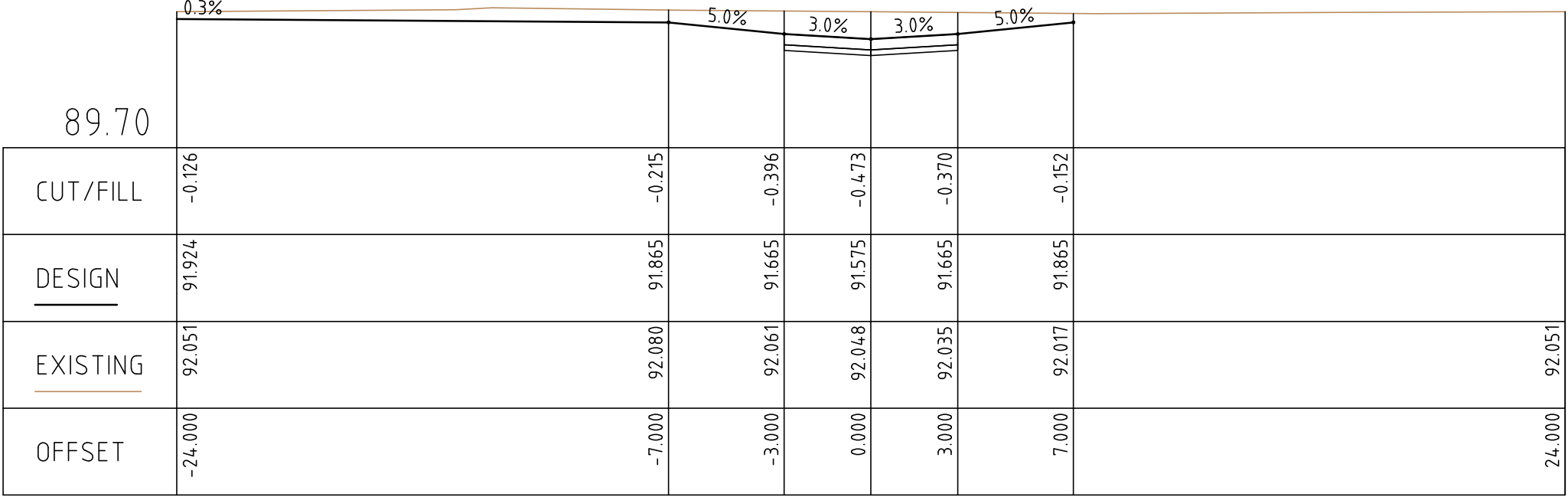
CH 210.00



CH 200.00



CH 190.23



CH 180.00

ROAD CROSS SECTIONS
(ROAD 1)



Edward River
COUNCIL

Edward River Council
Civic Centre
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w: cofconsulting.com.au

Client:	EDWARD RIVER COUNCIL		Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT		Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIQUIN		Cad File:	3570 C01.DWG		Size:
Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2		Scale:	SCALE AS SHOWN		A1
Title:	ROAD 1 CROSS SECTION (SHEET 2 OF 3)		Drawing No		Shh	Issue
				3570 / C18	18 of 30	C

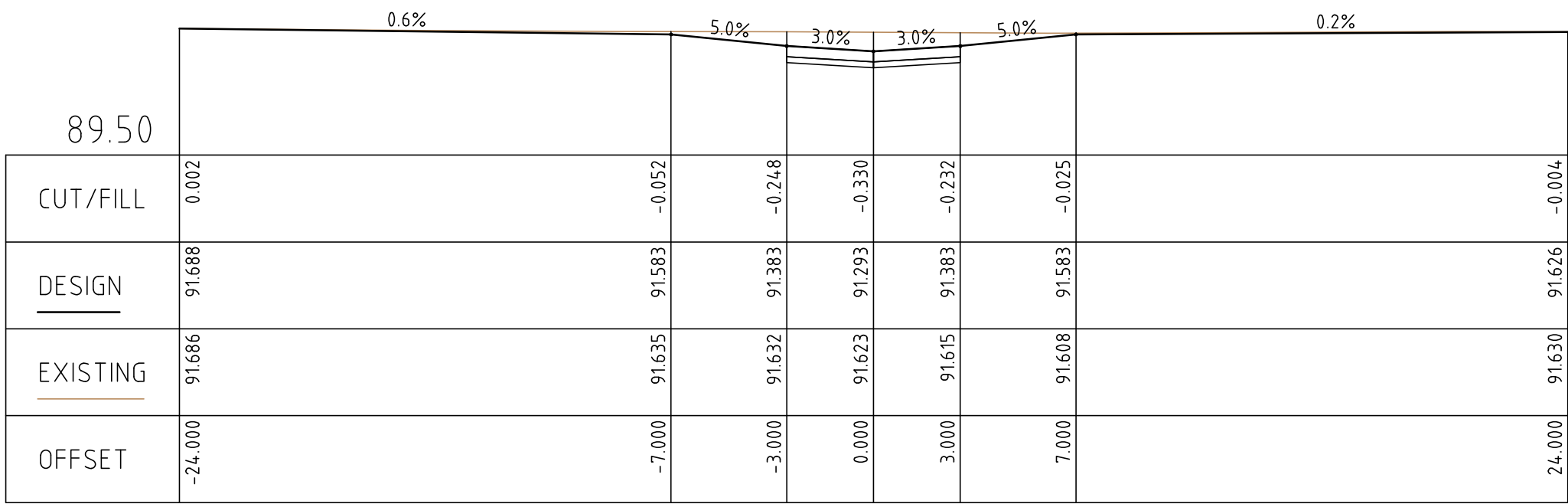
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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

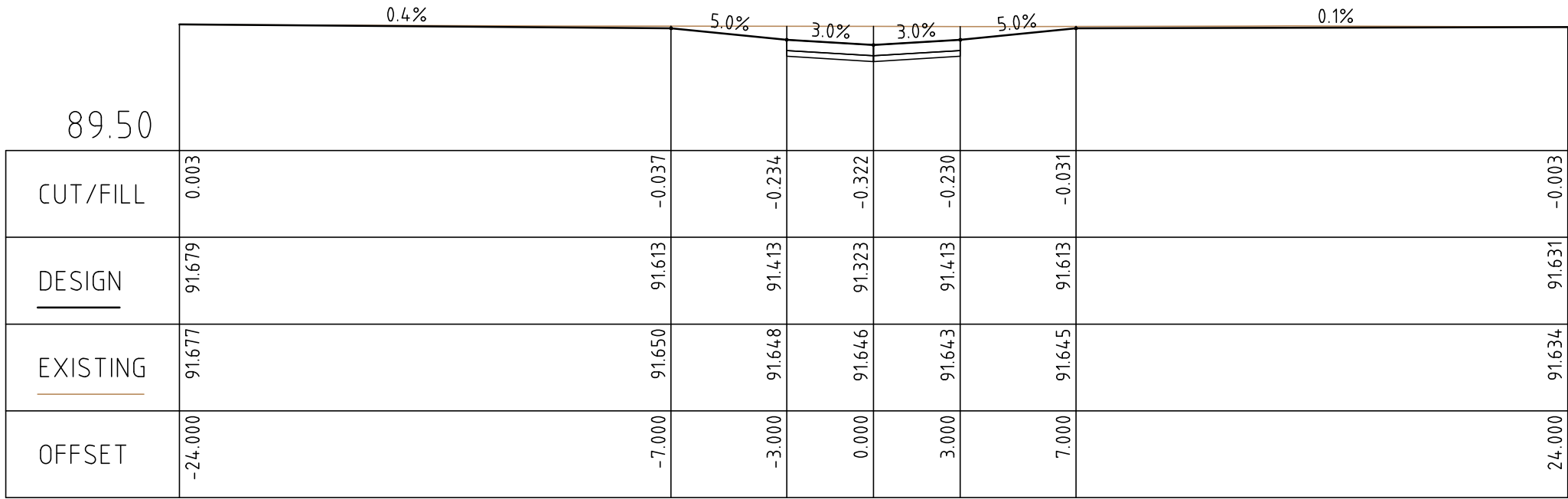
NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT

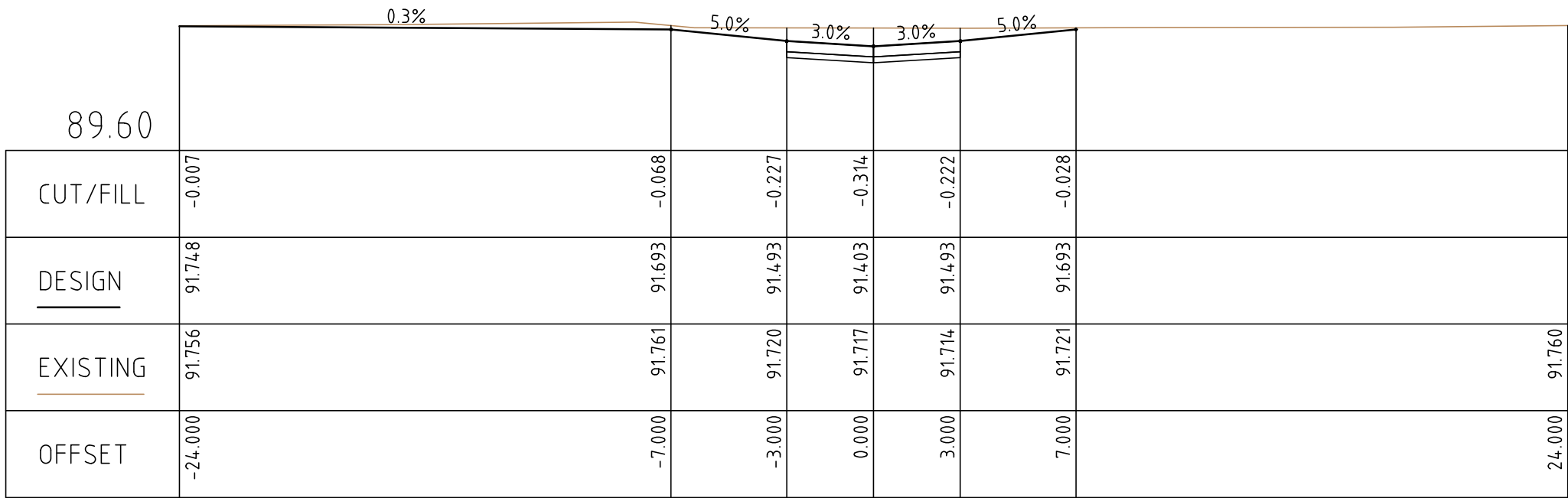




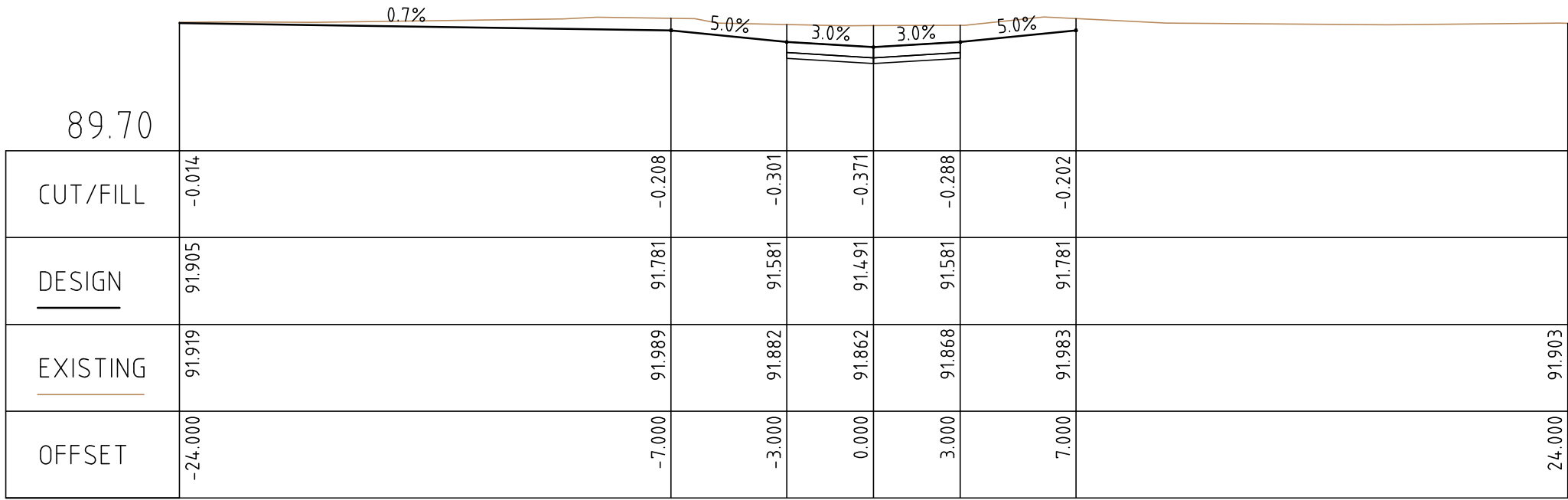
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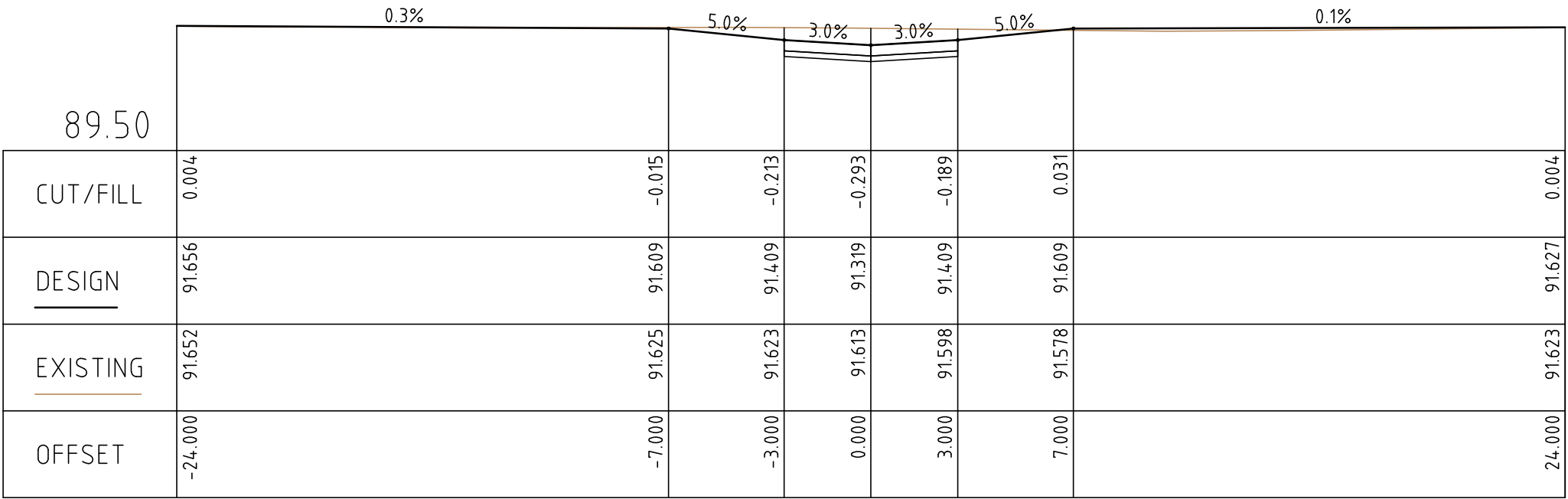
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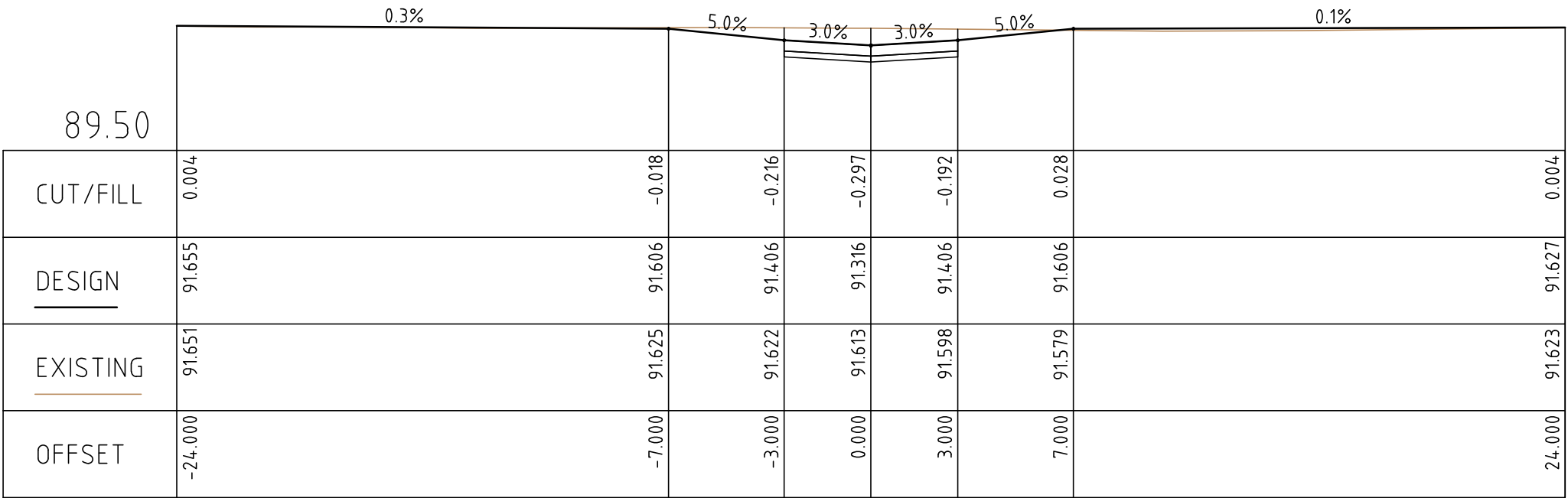
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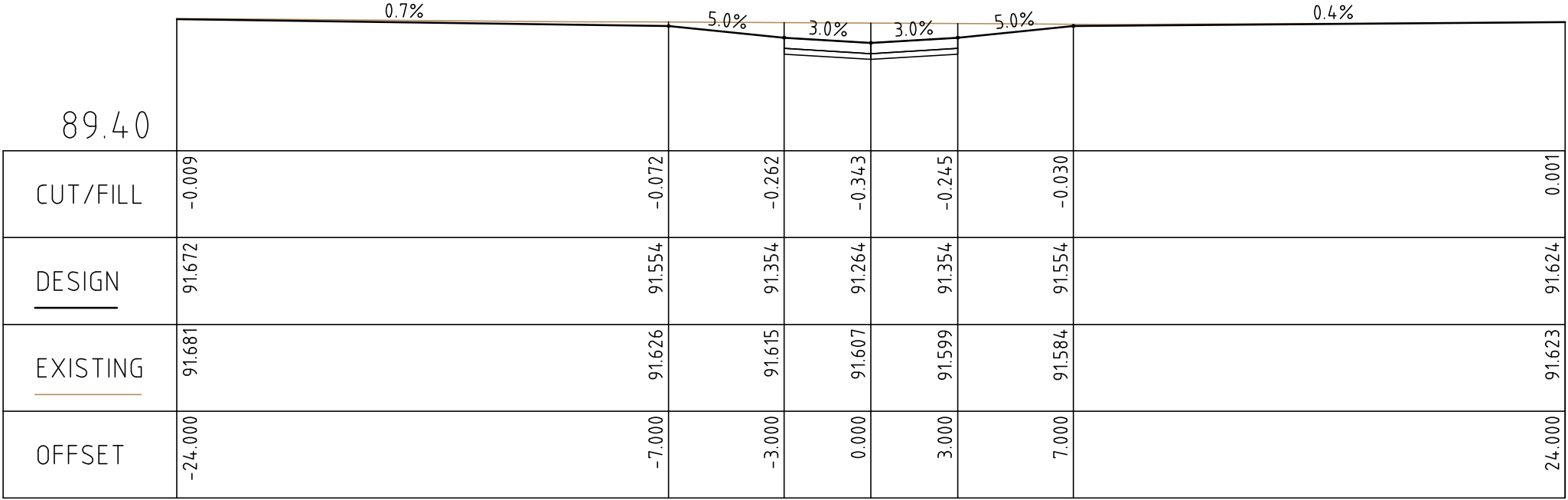
CH 222.15



CH 290.07



CH 289.85



CH 279.85

ROAD CROSS SECTIONS
(ROAD 1)



Edward River
COUNCIL

Edward River Council
Civic Centre
Civil Place
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e: info@cafconsulting.com.au
w: cafconsulting.com.au

Client: EDWARD RIVER COUNCIL		Surveyed: B.SLOAN MAY 2021	Drawn: J.DENSLEY 02/06/2021
Project Name: SENIORS LIVING PRECINCT		Designed: S.GALEA 02/06/2021	Approved: K.TIDD 11/08/2021
Location: POICTIERS STREET, DENILIQUIN		Cad File: 3570 C01.DWG	
Property: PARISH OF SOUTH DENILIQUIN		Scale: SCALE AS SHOWN	
Drawing No		Shh	Issue
Title: ROAD 1 CROSS SECTION (SHEET 1 OF 3)		3570 / C19	19 of 30
-			C

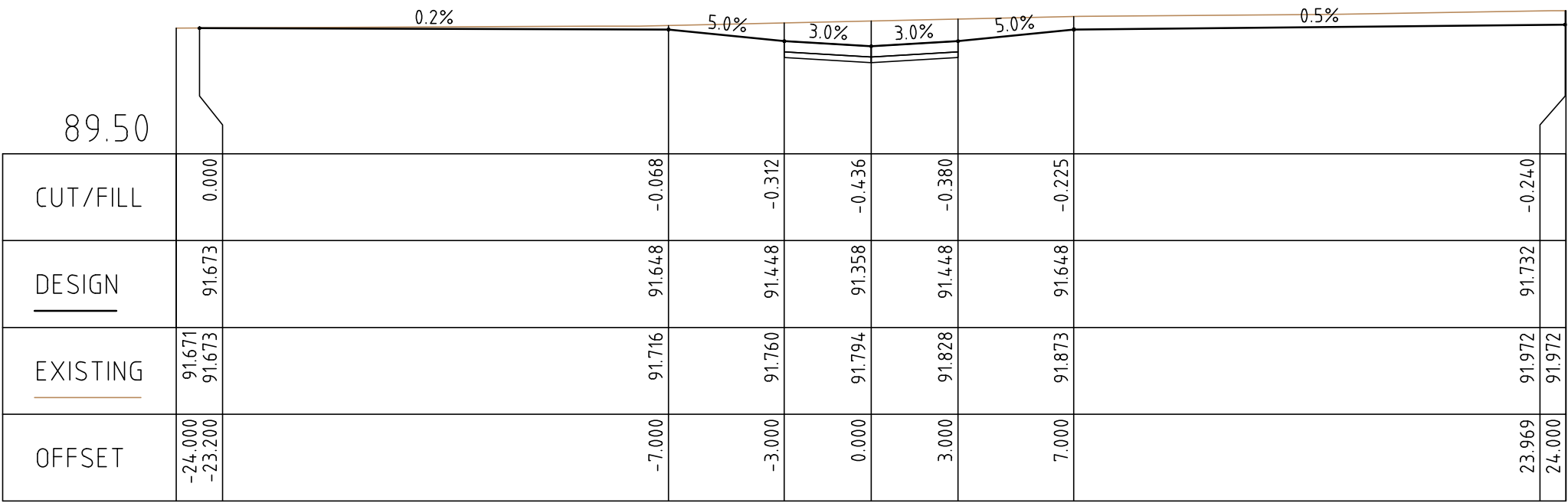
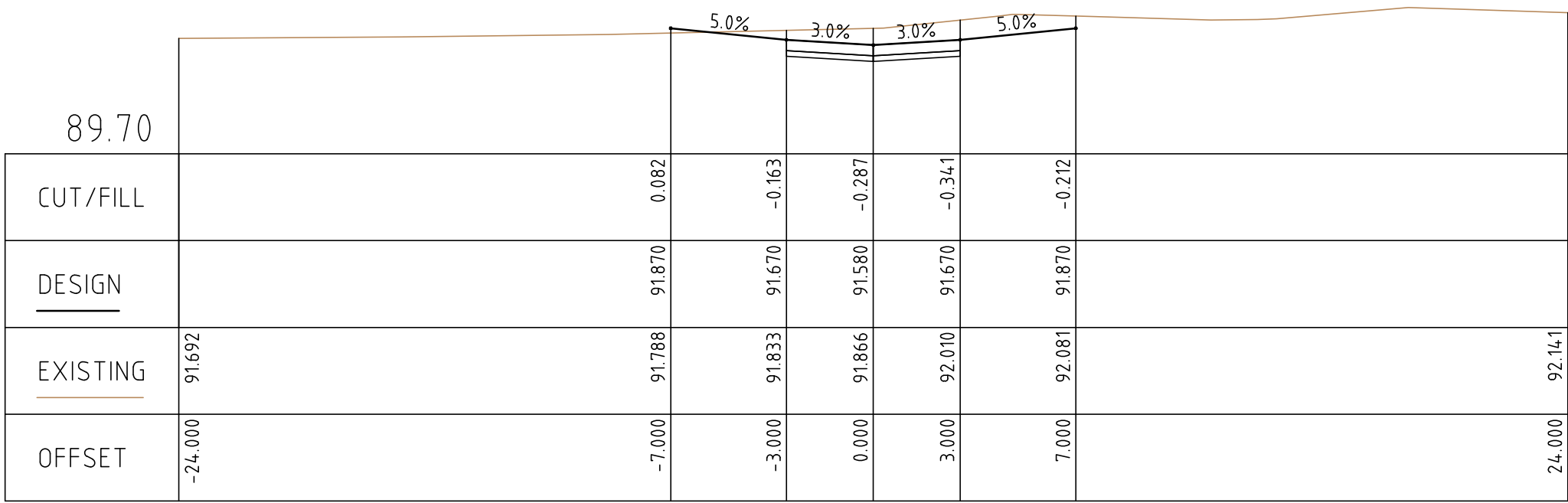
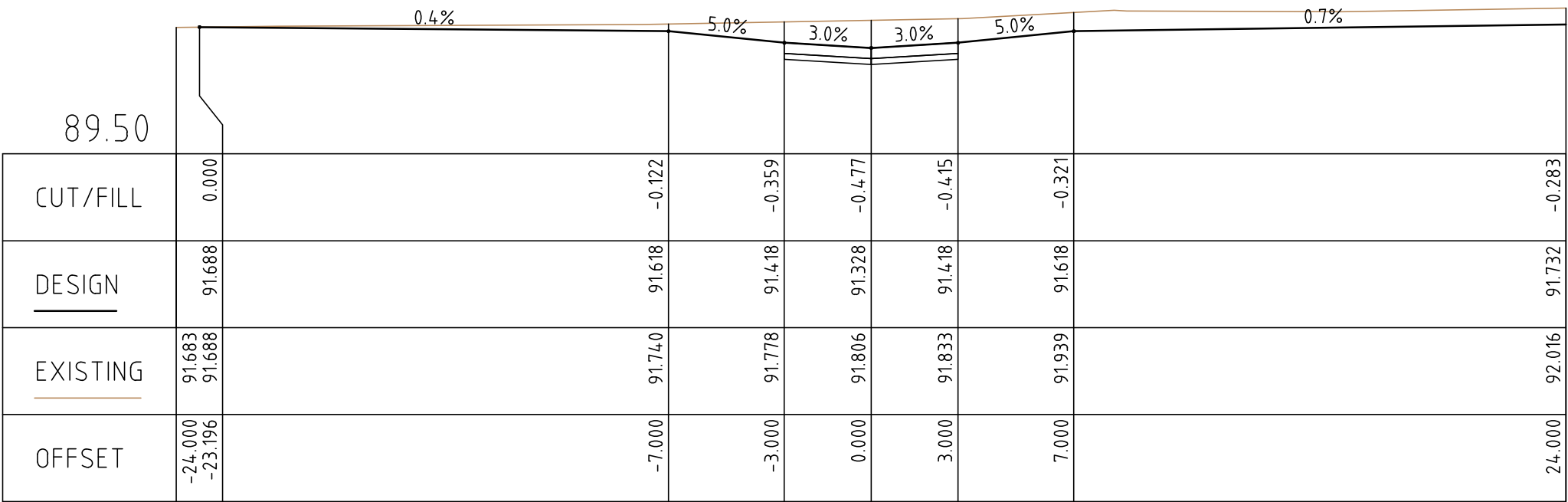
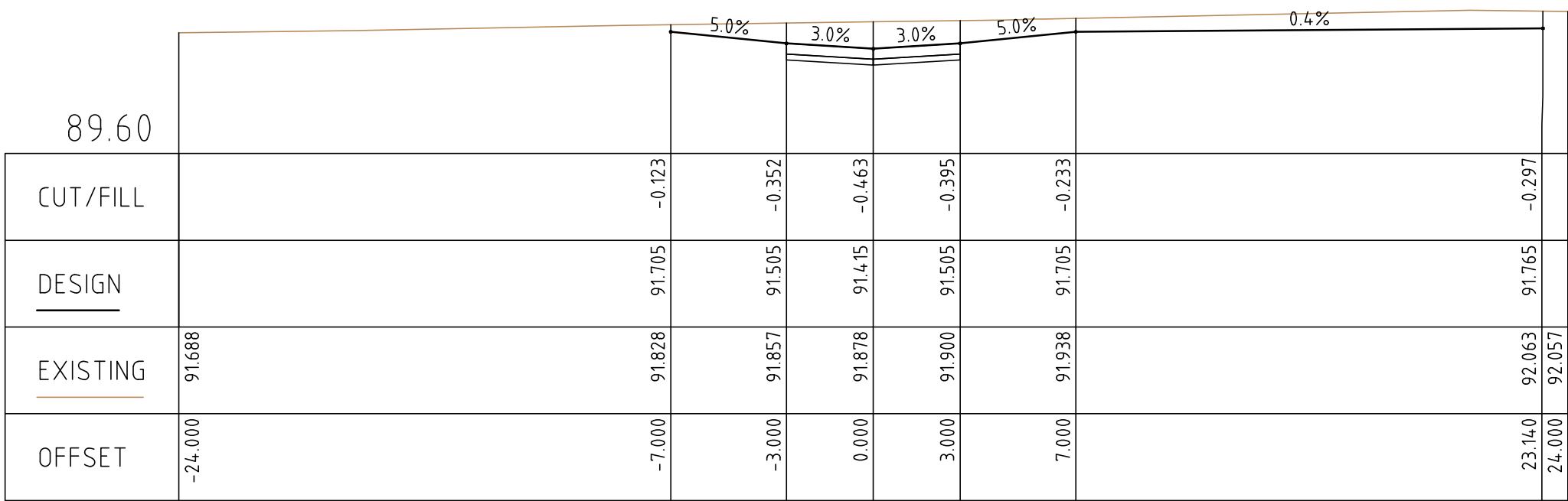
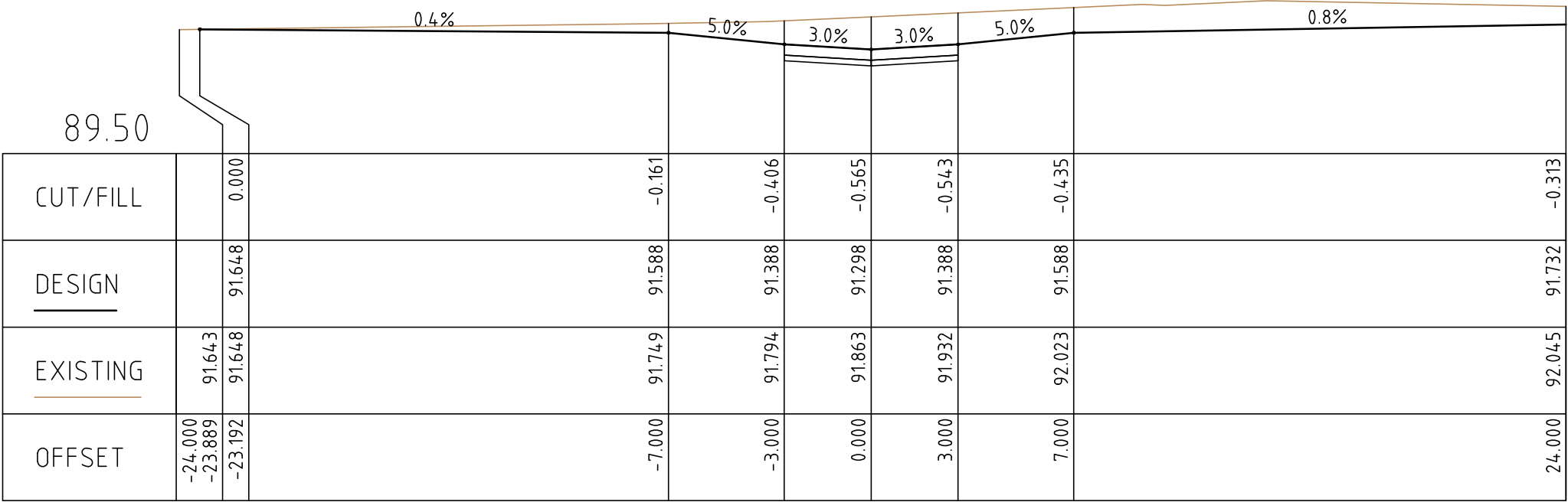
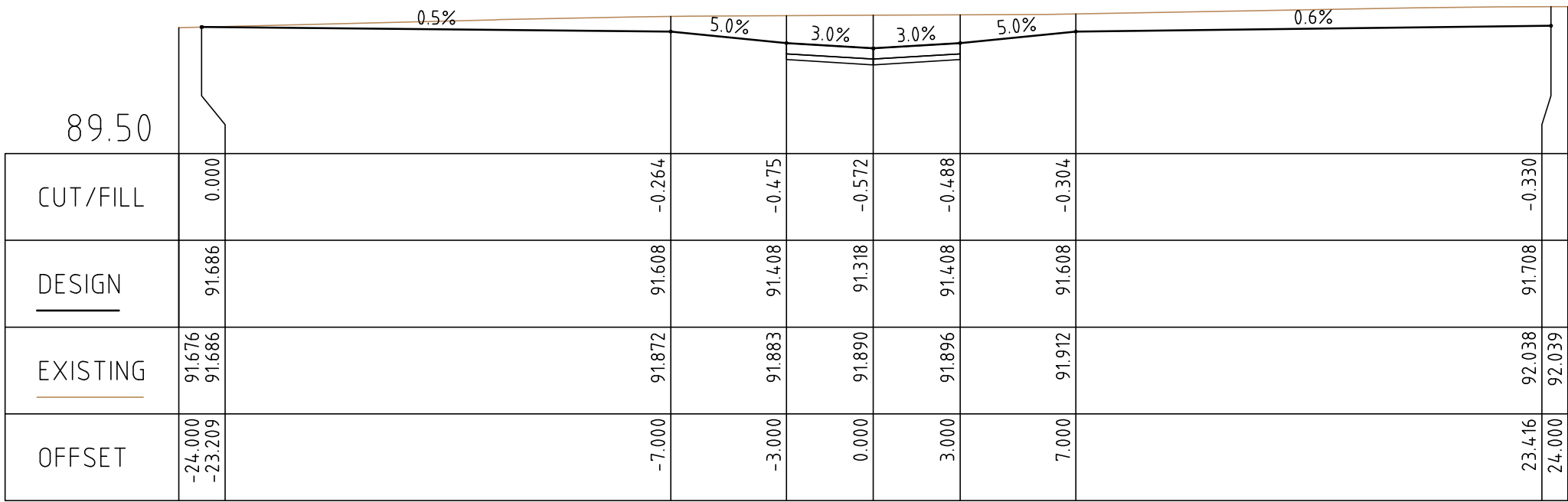
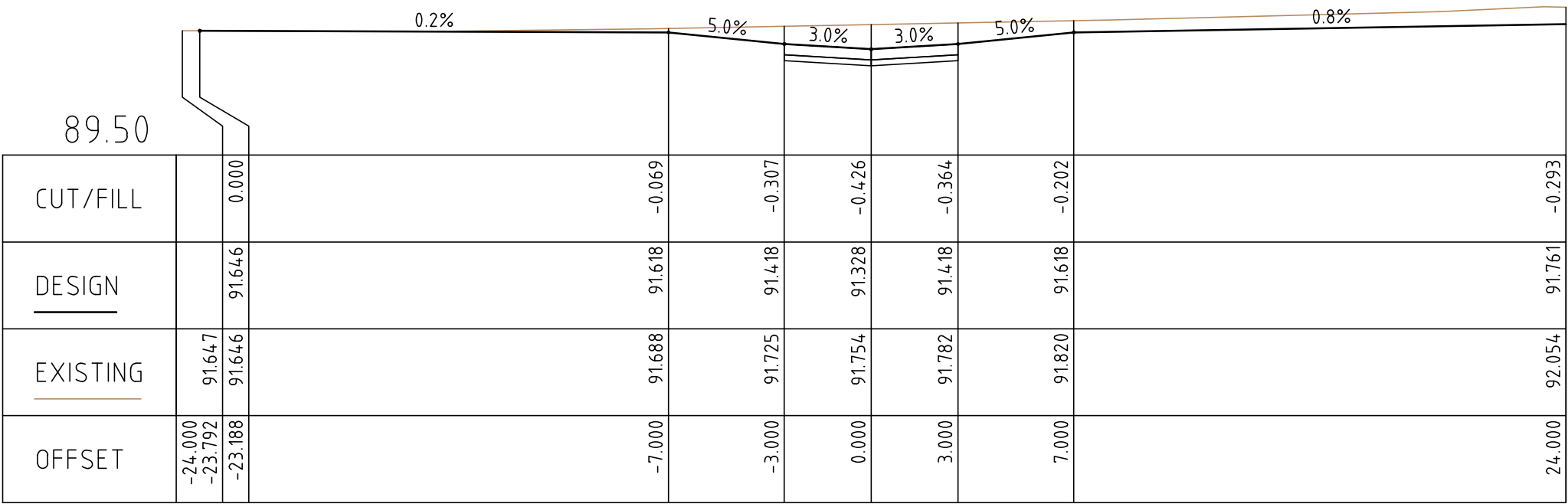
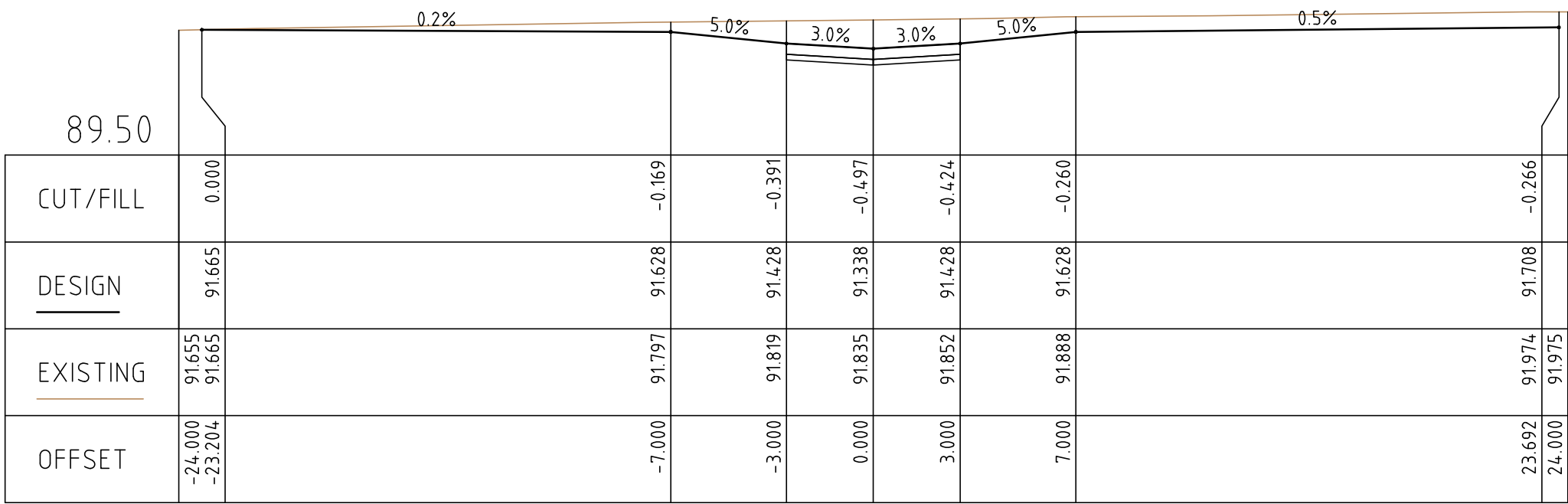
12/08/2021 11:52:33 AM 3570 C01.DWG

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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

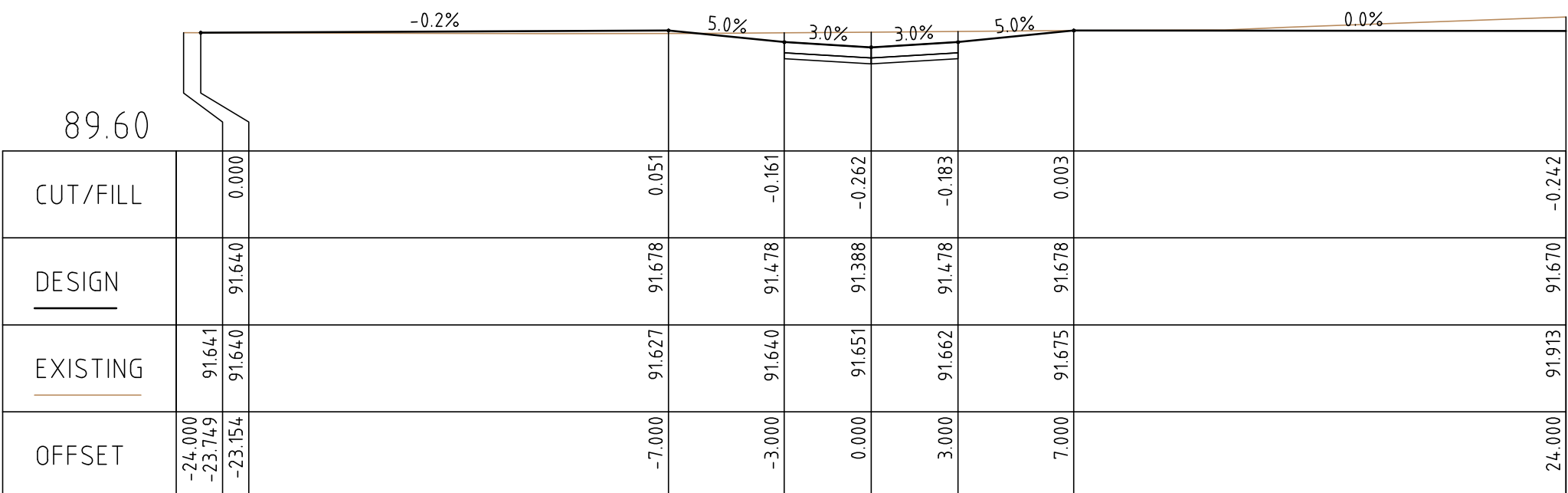
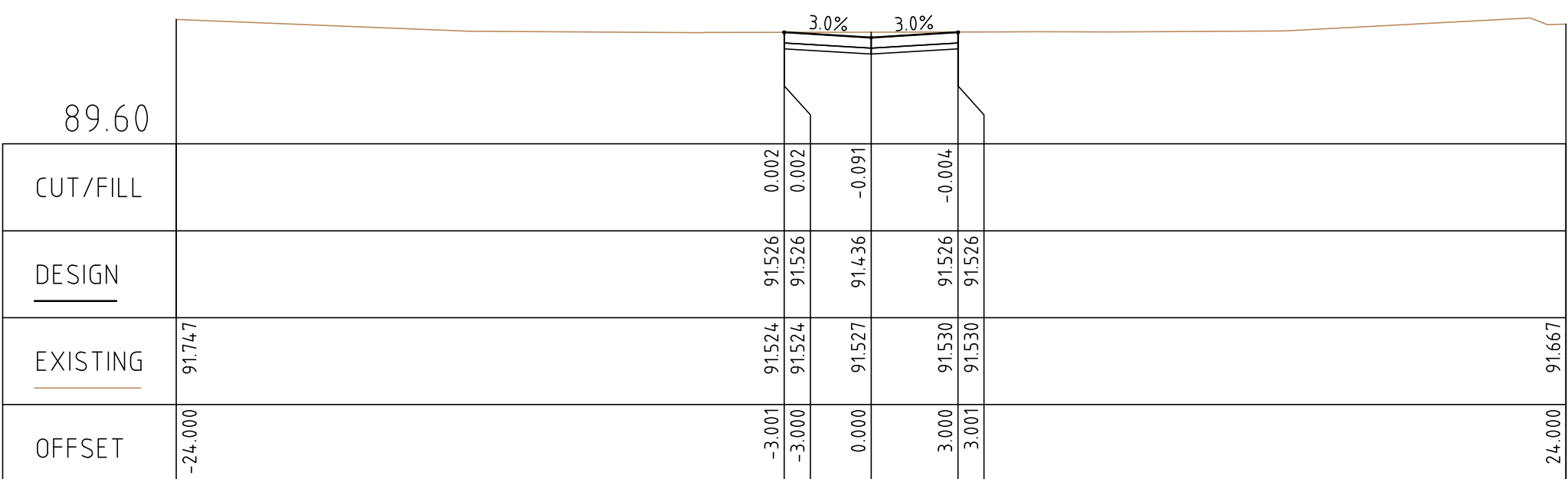
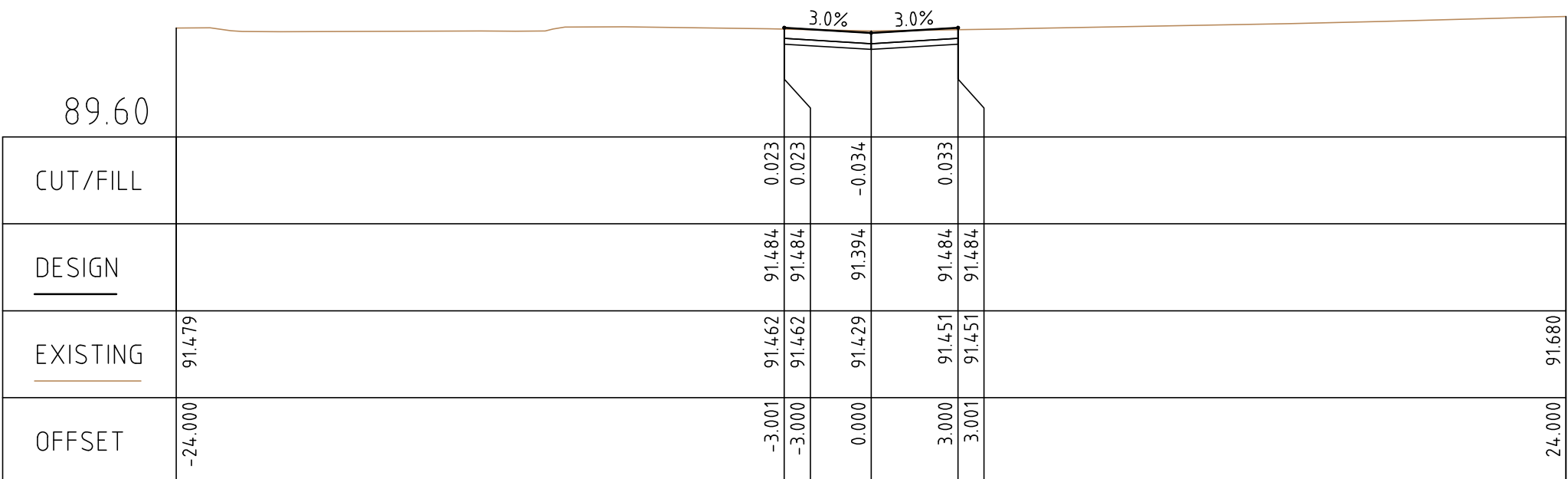
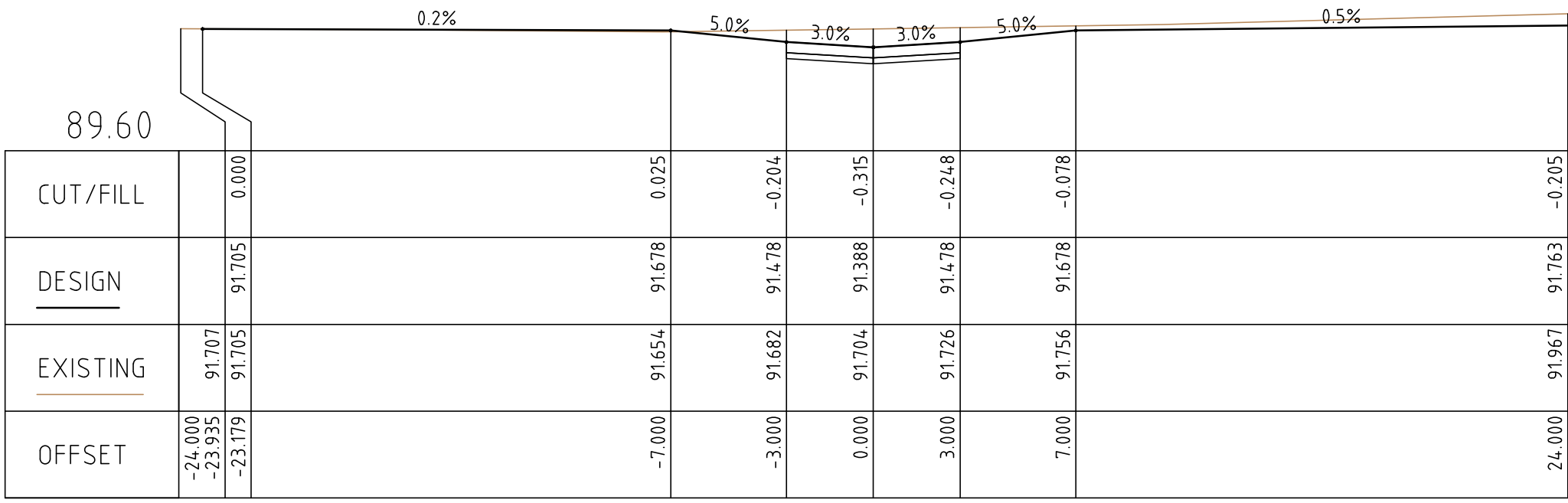
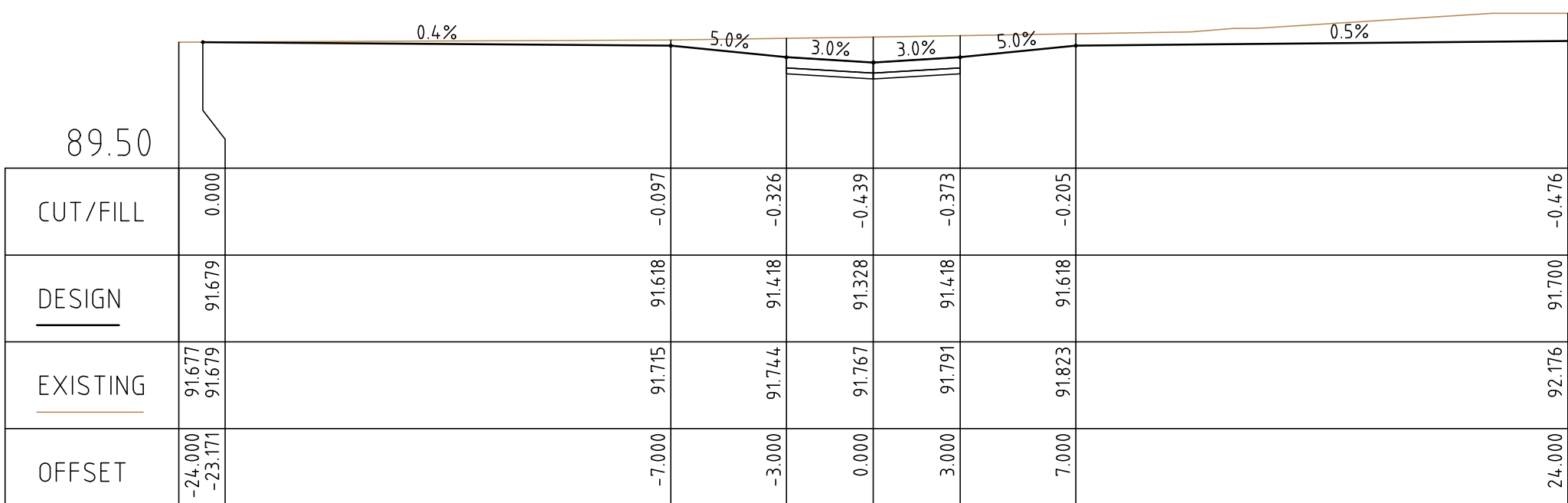
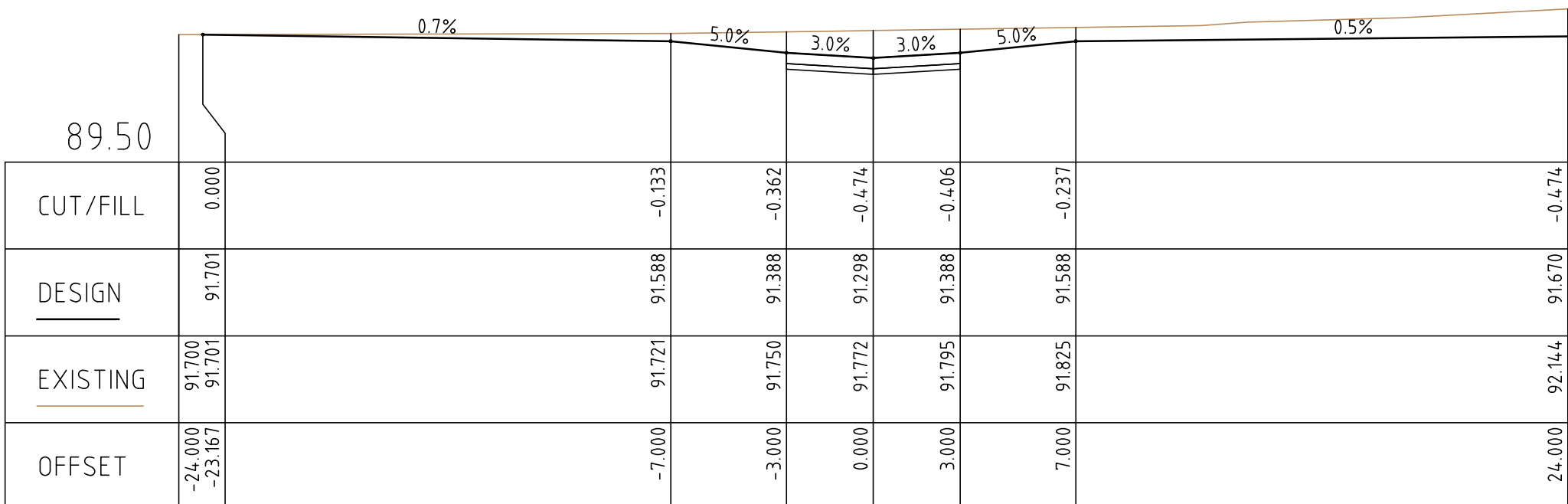
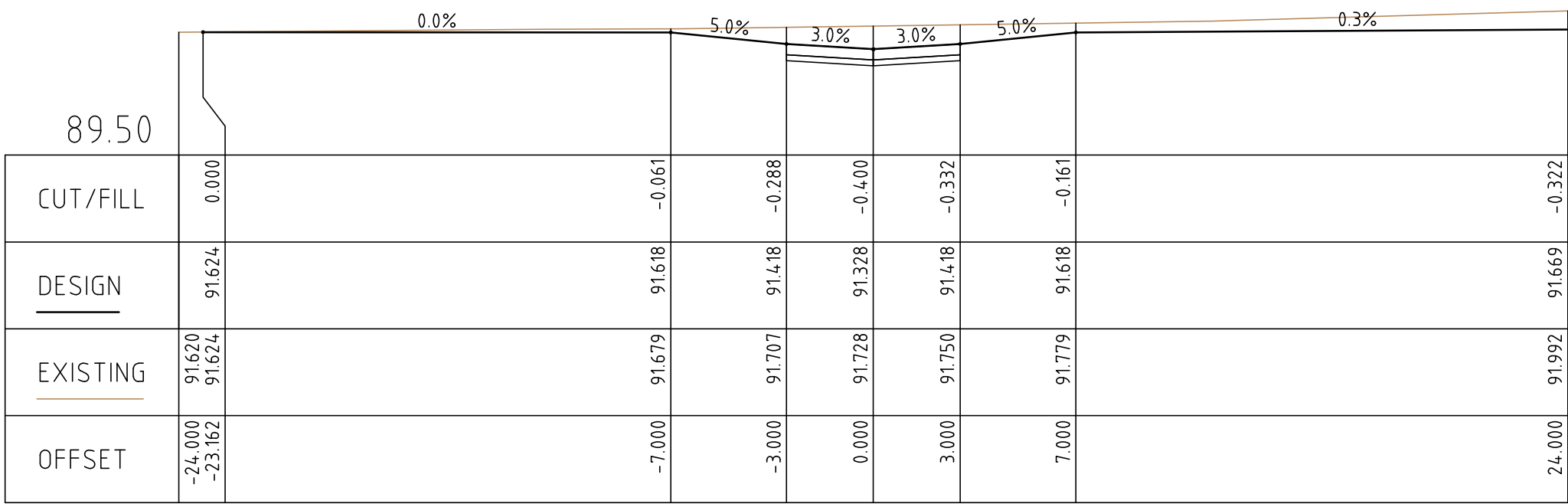
NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT





ROAD CROSS SECTIONS
(ROAD 2)



ROAD CROSS SECTIONS
(ROAD 2)

12/08/2021 11:52:43 AM 3570 C01.DWG

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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT

02486

H 1:200, V 1:100

@A1

Edward River Council

Civic Centre
Civil Place
P.O. Box 270,
Deniliquin, NSW 2710
Phone 03 5898 3000
Fax 03 5898 3029

abn: 37 160 560 556

a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cofconsulting.com.au
w: cofconsulting.com.au

Client: EDWARD RIVER COUNCIL

Project Name: SENIORS LIVING PRECINCT

Location: POICTIERS STREET, DENILIQUIN

Property: PARISH OF SOUTH DENILIQUIN
DP732067 LOT 1 & DP1220715 LOT 2

Title: ROAD 2 CROSS SECTION (SHEET 2 OF 2)

Surveyed: B.SLOAN
MAY 2021

Designed: S.GALEA
02/06/2021

Cad File: 3570 C01.DWG

Scale: SCALE AS SHOWN

Drawing No: 3570 / C21

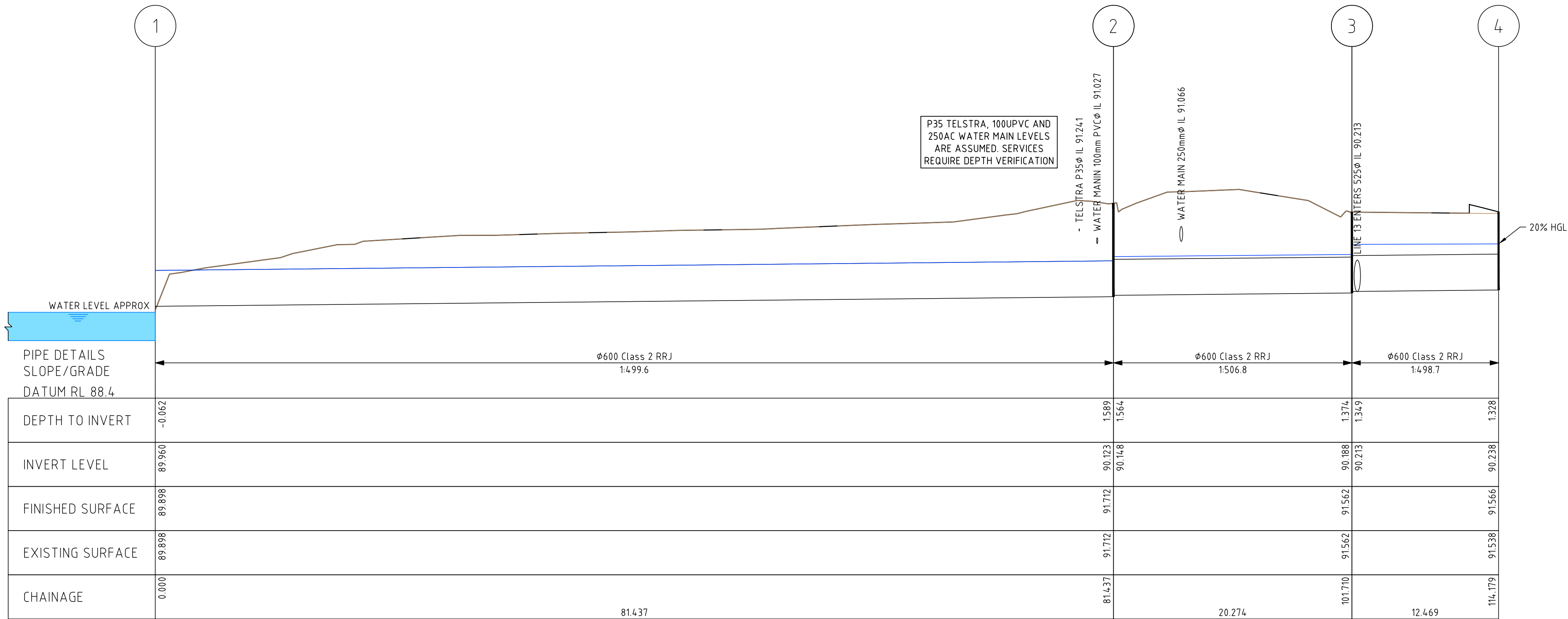
Drawn: J.DENSLEY
02/06/2021

Approved: K.TIDD
11/08/2021

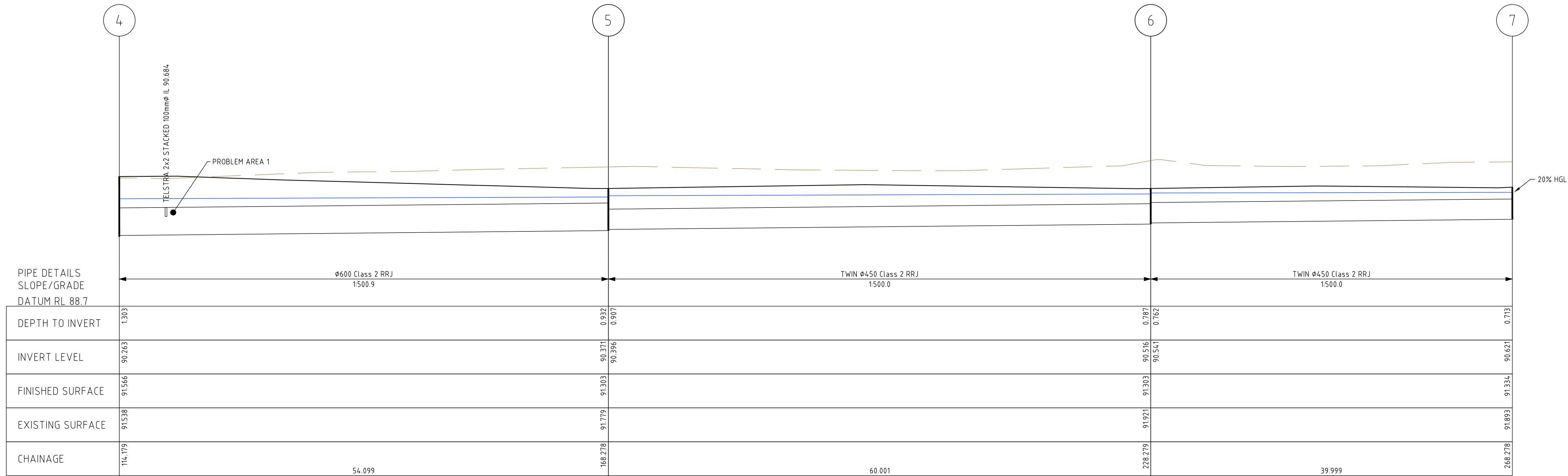
Size: A1

Issue: 21 of 30

C



DRAINAGE LONGITUDINAL SECTION
(LINE 1)



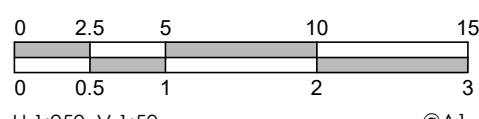
DRAINAGE LONGITUDINAL SECTION
(LINE 1)

12/08/2021 11:52:48 AM 3570 C01.DWG

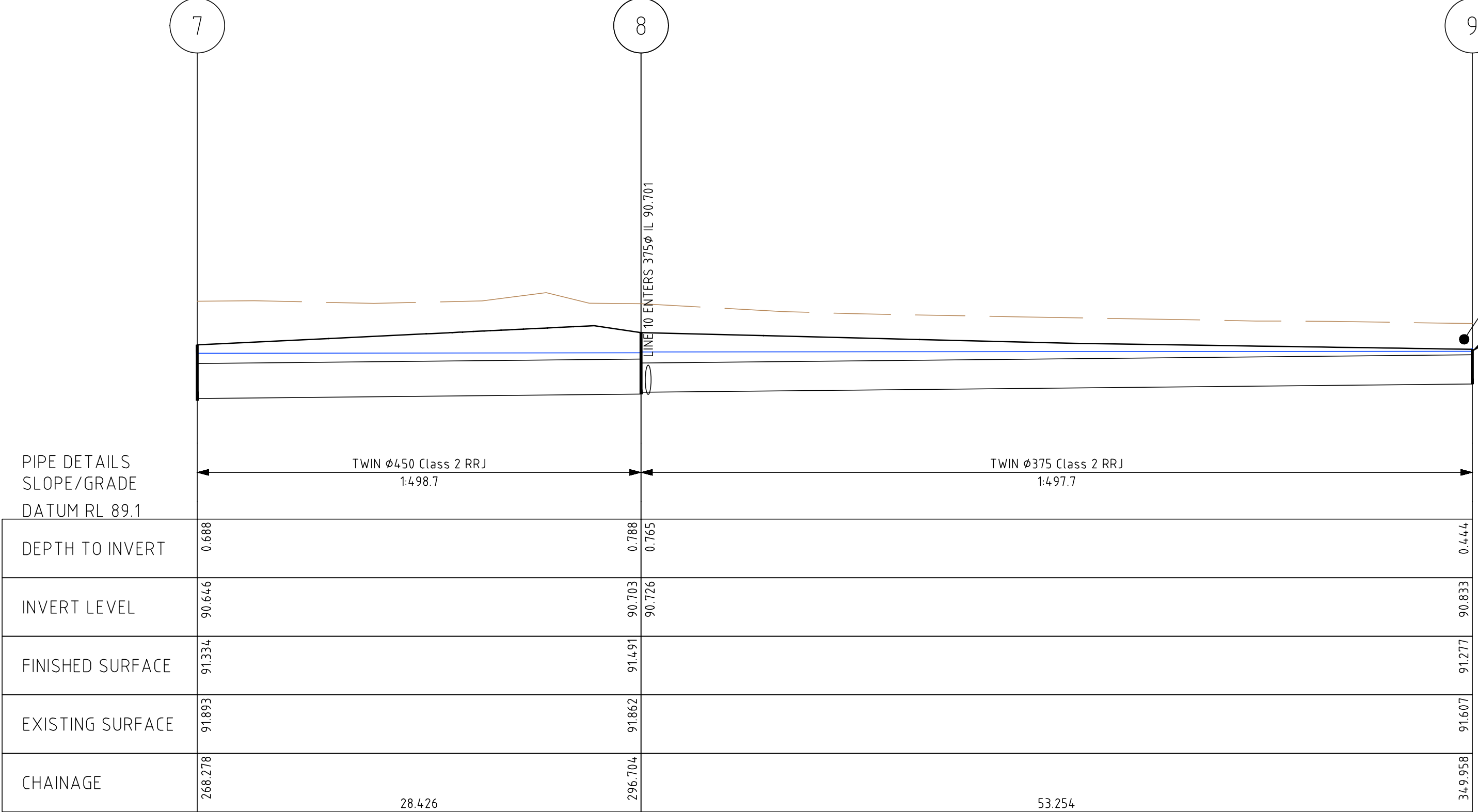
ISSUE	DESCRIPTION	DATE
C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN A.H.D
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

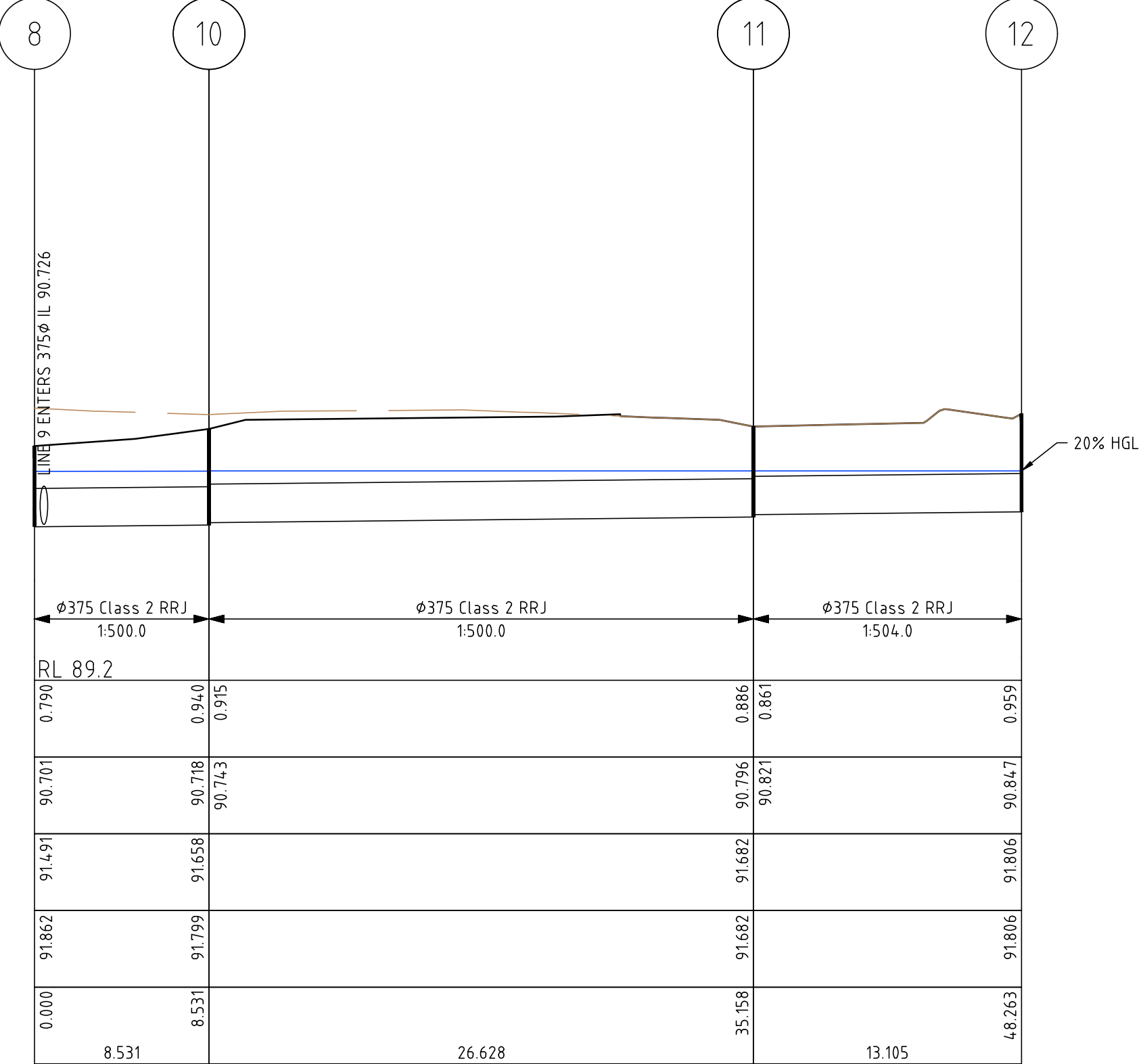
COMMENT



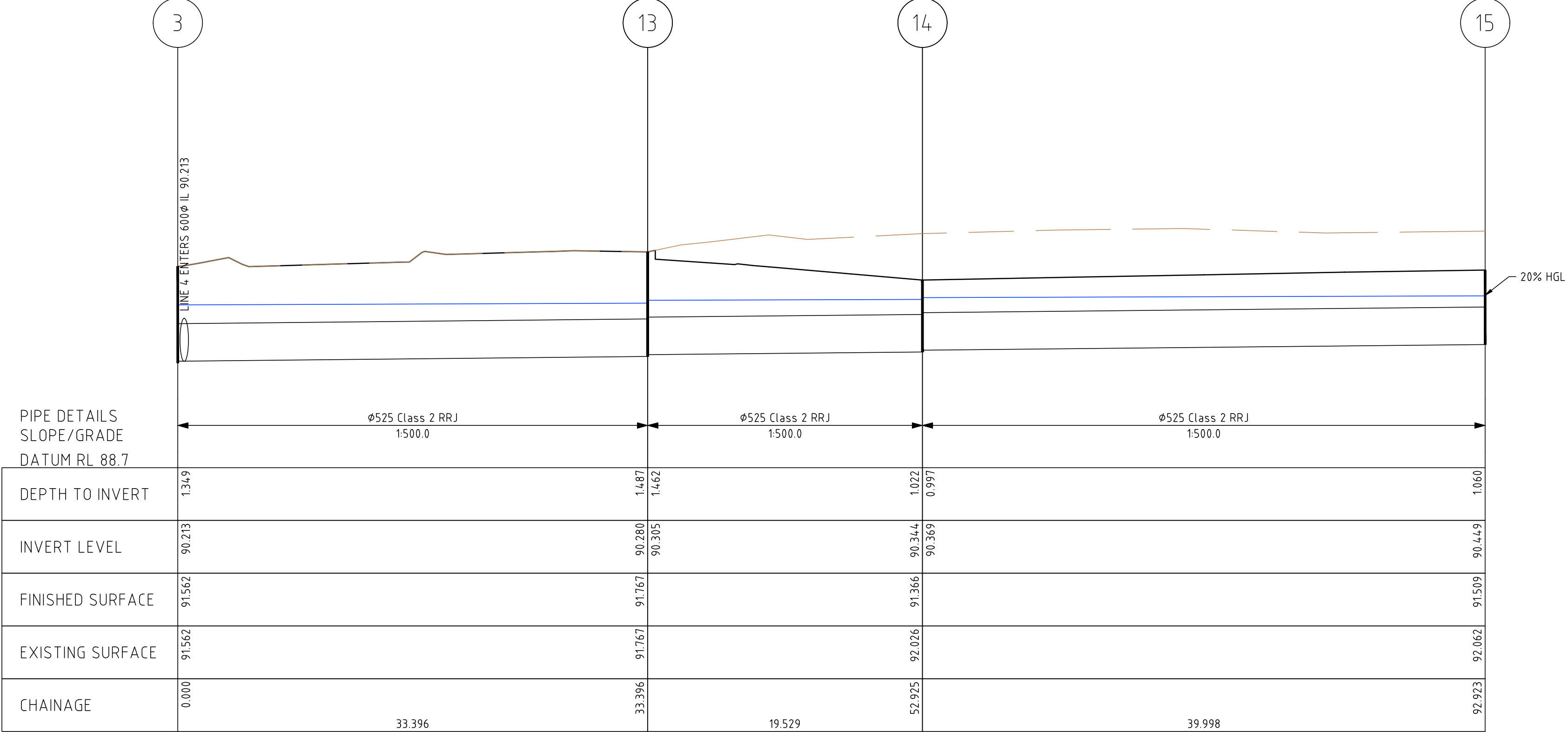
Client:	EDWARD RIVER COUNCIL	Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT	Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIQUN	Cad File:	3570 C01.DWG	Scale:	SCALE AS SHOWN
Property:	PARISH OF SOUTH DENILIQUN DP732067 LOT 1 & DP1220715 LOT 2	Drawing No:		Shh:	
Title:	DRAINAGE LONG SECTION (SHEET 1 OF 3)		3570 / C22	22 of 30	C



DRAINAGE LONGITUDINAL SECTION
(LINE 1)



DRAINAGE LONGITUDINAL SECTION
(LINE 2)



DRAINAGE LONGITUDINAL SECTION
(LINE 3)

12/08/2021 11:52:53 AM 3570 C01.DWG

ISSUE	DESCRIPTION	DATE
C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN A.H.D
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT

02.55103

00.5101

12

15

3

H 1:250, V 1:50 @A1



Edward River
COUNCIL

Edward River Council
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Civil Place
P.O. Box 270,
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Phone 03 5898 3000
Fax 03 5898 3029



CAF
CONSULTING

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f: 03 5831 3343
e: info@caiconsulting.com.au
w: caiconsulting.com.au

Client: EDWARD RIVER COUNCIL

Project Name: SENIORS LIVING PRECINCT
Location: POICTIERS STREET, DENILIQUIN
Property: PARISH OF SOUTH DENILIQUIN
DP732067 LOT 1 & DP1220715 LOT 2

Title: DRAINAGE LONG SECTION (SHEET 2 OF 3)

Surveyed: B.SLOAN
MAY 2021

Designed: S.GALEA
02/06/2021

Cad File: 3570 C01.DWG

Scale: SCALE AS SHOWN

Drawing No: 3570 / C23

Drawn: J.DENSLEY
02/06/2021

Approved: K.TIDD
11/08/2021

Size: A1

Issue: 23 of 30

C

12/08/2021 11:52:58 AM 3570 C01.DWG

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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN A.H.D
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m
COMMENT
0 2.5 5 10 15 0 0.5 1 2 3 H 1:250, V 1:50 @A1



Edward River
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Edward River Council
Civic Centre
Civil Place 270,
Deniliquin, NSW 2710
Phone 03 5898 3000
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abn: 37 160 560 556
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t: 03 5831 3347
f: 03 5831 3343
e: info@cafcconsulting.com.au
w: cafcconsulting.com.au

Client:	EDWARD RIVER COUNCIL		Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT		Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIKUIN		Cad File:	3570 C01.DWG		Size:
Property:	PARISH OF SOUTH DENILIKUIN DP732067 LOT 1 & DP1220715 LOT 2		Scale:	SCALE AS SHOWN		A1
Title:	DRAINAGE LONG SECTION (SHEET 3 OF 3)		Drawing No:	3570 / C24	Shh:	24 of 30
					Issue:	C

SERVICES GENERAL NOTES

WATER

GENERAL NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
- ALL WORKS TO BE UNDERTAKEN AND TESTED IN ACCORDANCE WITH WSA 03-2011-3.1 WATER SUPPLY CODE OF AUSTRALIA, MELBOURNE RETAIL WATER AGENCIES EDITION, VERSION 2.0, AND WANNON WATER WATER DEVELOPMENT GUIDE SUPPLEMENT TO WSA 03-2011-3.1
- ALL NEW AND ALL ALTERED MAINS TO BE CONSTRUCTED UNDER AGREEMENT CONDITIONS IN ACCORDANCE WITH THE WATER AGENCY'S SPECIFICATION DRAWINGS AT OFFSETS SHOWN.
- THE LOCATION OF EXISTING SERVICES SHOULD BE CONFIRMED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- ALL WORKS CARRIED OUT IN THE VICINITY OF OVERHEAD POWERLINES SHALL BE SUPERVISED BY A LICENSED SPOTTER.
- ALL WORK WITHIN THE ROAD RESERVE SHALL BE IN ACCORDANCE WITH GLENELG SHIRE COUNCIL ROAD OPENING PERMITS GUIDELINES AND SPECIFICATIONS.
- ALL PERMITS SHALL BE OBTAINED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ANY DISCREPANCIES IN THE CONTRACT DOCUMENTS SHALL BE REFERRED TO THE SUPERINTENDENT.
- WORKMANSHIP AND MATERIALS SHALL COMPLY WITH REQUIREMENTS OF CURRENT AUSTRALIAN STANDARDS.
- ALL PIPES VALVES AND FITTINGS SHALL COMPLY WITH THE WANNON WATER DEVELOPMENT GUIDE SUPPLEMENT TO WATER SUPPLY CODE OF AUSTRALIA, WSA 03-2011-3.1 VERSION 2.

DISPOSAL OF EXCESS SOIL / MATERIAL:

- REMOVE FROM SITE AND DISPOSE OF ALL EXCESS AND UNSUITABLE MATERIAL REMOVED FROM TRENCHES NOT USED IN THE COMPLETED WORKS.
- REDUNDANT MATERIALS SHALL BE TAKEN UP AND REMOVED FROM SITE.

PIPELINE CONSTRUCTION:

- ALL PIPES AND FITTINGS SHALL BE HANDLED, LAID, JOINTED AND PROTECTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- PIPEWORK SHALL BE MEASURED ON SITE WHERE REQUIRED TO ENSURE FIT.
- ALL FLANGE CONNECTIONS SHALL CONSIST OF COMPLETE INSERTION SETS (GASKETS, BOLTS, NUTS AND WASHERS) MATCHING THE FLANGE TYPE AND THE MANUFACTURERS RECOMMENDATIONS.
- FLANGED JOINTS, BOLTS, NUTS AND WASHERS SHALL BE GALVANISED STEEL AND HAVE THE FOLLOWING PROTECTION: DENSO 300 PRIMER, 400 MASTIC, 400 TAPE & 931 OVER WRAP APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- TRENCHING OPERATIONS SHALL BE CARRIED OUT IN ACCORDANCE WITH MINES (TRENCHES) REGULATIONS (1982).
- CONSTRUCTION BY BORING SHALL BE CARRIED OUT WHERE SPECIFIED.
- WHERE HORIZONTAL AND VERTICAL BENDS ARE NOT SPECIFIED, CHANGES IN HORIZONTAL AND VERTICAL PIPE ALIGNMENT SHALL BE ACHIEVED BY DEFLECTING JOINTS UP TO PIPE MANUFACTURER'S RECOMMENDED MAXIMUM DEFLECTION.
- ALL TREES MUST BE PRESERVED AND PROTECTED AT ALL TIMES.

BACKFILL REQUIREMENTS:

- BACKFILL DETAILS FOR TRAFFICABLE AND NON-TRAFFICABLE AREAS SHALL COMPLY WITH WSA 03-2011-3.1 MRWA-W-201 & 202.
- USE MARKER TAPE ABOVE ALL PIPELINES AND COMMUNICATIONS CONDUITS AS PER AS2033-2008 SECTION 5.3.16.
- COMPACTION REQUIREMENT DETAILED REFER TO PERCENTAGE OF MAXIMUM DRY DENSITY AS DEFINED BY STANDARD COMPACTION TEST IN AS1289.

PROPERTY CONNECTIONS:

- PROPERTY SERVICE CONNECTIONS TO BE IN ACCORDANCE WITH WSA 03-2011-3.1 MRWA-W-111, FIG. 111-A.

SLUICE (ISOLATION) VALVES & HYDRANTS:

- SLUICE VALVE AND HYDRANT SHALL BE INSTALLED TO WSA 03-2011-3.1 VERSION 2 WITH TRAFFICABLE COVERS.
- ALL CONNECTIONS SHALL BE FLANGED.

THRUST RESTRAINT:

- CAST IN SITU CONCRETE THRUST BLOCKS AND ANCHORS SHALL BE INSTALLED AT ALL HORIZONTAL AND VERTICAL BENDS, TEES VALVES AND REDUCERS.
- REFER TO WSA 03-2011-3.1 VERSION 2 MRWA-W-204, 205A, 205B FOR DETAILS.
- THE MINIMUM THRUST BEARING AREA SHALL BE 0.30 SQUARE METRES.
- THRUST RESTRAINT SHALL BE DESIGNED TO RESIST PIPELINE TEST PRESSURE.

MARKER POSTS:

- MARKER POSTS SHALL BE PLACED OPPOSITE TO ALL VALVES, BENDS AND HYDRANTS.
- MARKER POSTS SHALL BE LOCATED SUCH THAT THEY DO NOT OBSTRUCT EXISTING LAND USE.
- REFER TO WSA 03-2011-3.1 MRWA-W-301 WANNON WATER DEVELOPMENT GUIDE.

PIPE BEDDING AND EMBEDMENT:

- ALL WATER MAINS UNDER ROADWAYS TO BE BACKFILLED WITH 20mm CLASS 2 CRUSHED ROCK IN 150mm LAYERS & COMPACTED TO 95% IN ACCORDANCE WITH WSA 03-2011-3.1 MRWA-W-200, 201, 202, 203.
- ALL WATER MAINS UNDER FOOTPATHS / VEHICLE CROSSINGS TO BE BACKFILLED WITH 20mm CLASS 2 CRUSHED ROCK & COMPACTED TO 95% IN ACCORDANCE WITH WSA 03-2011-3.1 SECTION 19 'ACCEPTANCE TESTING'.
- HAND AND MECHANICAL TAMPERS SPECIALLY DESIGNED FOR THE PURPOSE SHALL BE USED TO COMPACT THE EMBEDMENT MATERIAL AROUND THE PIPES.
- THE BEDDING MATERIAL SHALL EXTEND FOR THE FULL WIDTH OF THE EXCAVATED TRENCH.
- BACKFILL SHALL BE PLACED UNIFORMLY OVER THE EMBEDMENT AND COMPACTED IN SUCH A MANNER THAT THE PIPE IS NOT DISTURBED OR DAMAGED TO ACHIEVE THE SPECIFIED COMPACTION.
- COMPACTION AROUND AND UP TO 600mm ABOVE THE PIPE SHALL BE UNDERTAKEN WITH A MANUALLY OPERATED 'WACKER PACKER' OR SIMILAR TO AVOID DAMAGE TO THE PIPE.

TESTING & COMMISSIONING OF PIPELINE:

- A TEST PROCEDURE SHALL BE PREPARED AND SUBMITTED TO THE SUPERINTENDENT AT LEAST 2 WEEKS PRIOR TO TESTING OF PIPELINES.
- THE PIPELINE SHALL BE TESTED IN ACCORDANCE WITH WSA 03-2011-3.1 SECTION 19.4 AND IN ACCORDANCE WITH WANNON WATER INFRASTRUCTURE WATER QUALITY GUIDELINES.
- THE CONTRACTOR SHALL PROVIDE THE TAPPING INCLUDING TAPPING BAND AND FERRULE OR OTHER SUITABLE APPROVED MEANS FOR CONNECTING THE TESTING EQUIPMENT TO THE PIPELINE BEING TESTED.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TESTING EQUIPMENT & GIVE THE SUPERINTENDENT AT LEAST 48 HOURS NOTICE OF ANY TEST.
- TESTING WITH AIR SHALL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.
- THE CONTRACTOR SHALL CARRY OUT DISINFECTION OF THE CONTRACTOR SHALL PREPARE A DISINFECTION PLAN SUPERINTENDENT AT LEAST 14 DAYS PRIOR TO DISINFECTION.
- DISINFECTION SHALL BE VERIFIED BY SAMPLING LABORATORY.
- DISINFECTION OF THE WATER MAIN SEWER (WHERE POSSIBLE) AND RELATED EQUIPMENT.
- COMMISSIONING SHALL AND RELATED EQUIPMENT SPECIFIED FITTING.
- THE CONTRACTOR SHALL

- THE CONTRACTOR SHALL

PRACTICAL COMPLETION:

- PRACTICAL COMPLETION WILL NOT BE ISSUED UNTIL THE FOLLOWING HAS BEEN PROVIDED TO THE SATISFACTION OF THE SUPERINTENDENT:
 - AS-CONSTRUCTED DRAWINGS.
 - ASSET REGISTER.
 - RESULTS OF ALL PRESSURE TESTING AND COMPACTION TESTING REQUIRED UNDER THE CONTRACT.
 - RESULTS OF DISINFECTION VERIFICATION TESTS.

ELECTRICAL

GENERAL NOTES:

- ELECTRICAL DESIGN SET "2020-451 E1 TO E6" AND SPECIFICATIONS HAVE BEEN COMPLETED BY REXEL HOLDINGS AUSTRALIA (REXEL).
- REFER TO REXEL SPECIFICATIONS DOCUMENT FOR DETAILED DESIGN ELECTRICAL SPECIFICATIONS.
- THE ELECTRICAL DESIGNS SHOWN HAVE BEEN ADOPTED AND EXTRACTED FROM DOCUMENTS PROVIDED BY REXEL. THESE DOCUMENTS SHOULD BE REVIEWED TO ENSURE THAT THE DESIGN HAS BEEN ACCURATELY REPRODUCED.
- CAF DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THE ELECTRICAL WORK AND ELECTRICAL DESIGNS. ANY QUERIES SHOULD BE ADDRESSED TO THE SUPERINTENDENT.

FIRE SERVICES

GENERAL NOTES:

- PIPE ALIGNMENT AS PER THIS PLAN SET, FINAL FIRE HOSE LOCATION TO BE APPROVED PRIOR TO PLACEMENT.
- SPECIFICATIONS AND STANDARD DETAILS FOR FIRE SERVICES INSTALLATION AS PER FAHRENHEIT GLOBAL DESIGN SET 2020.139.F (REV C)

SEWER SERVICES

GENERAL NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- ALL CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE WSA SEWERAGE CODE OF AUSTRALIA, VERSION 2.0, AND WANNON WATER WATER DEVELOPMENT GUIDE SUPPLEMENT TO WSA 03-2011-3.1
- THE LOCATION OF EXISTING SERVICES SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- THE CONTRACTOR SHALL PROVIDE THE TAPPING INCLUDING TAPPING BAND AND FERRULE OR OTHER SUITABLE APPROVED MEANS FOR CONNECTING THE TESTING EQUIPMENT TO THE PIPELINE BEING TESTED.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TESTING EQUIPMENT & GIVE THE SUPERINTENDENT AT LEAST 48 HOURS NOTICE OF ANY TEST.
- TESTING WITH AIR SHALL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.
- THE CONTRACTOR SHALL CARRY OUT DISINFECTION OF THE CONTRACTOR SHALL PREPARE A DISINFECTION PLAN SUPERINTENDENT AT LEAST 14 DAYS PRIOR TO DISINFECTION.
- DISINFECTION SHALL BE VERIFIED BY SAMPLING LABORATORY.
- DISINFECTION OF THE WATER MAIN SEWER (WHERE POSSIBLE) AND RELATED EQUIPMENT.
- COMMISSIONING SHALL AND RELATED EQUIPMENT SPECIFIED FITTING.
- THE CONTRACTOR SHALL

BACKFILL REQUIREMENTS:

- BACKFILL DETAILS FOR TRAFFICABLE AND NON-TRAFFICABLE AREAS SHALL COMPLY WITH MRWA-S-201 AND THE GLENELG SHIRE COUNCIL REQUIREMENTS.
- ALL BACKFILLING SHALL COMPLY WITH RELEVANT NE WATER SPECIFICATIONS. WHERE REQUIRED, TEST RESULTS BY A NATA REGISTERED LABORATORY SHALL BE MADE AVAILABLE.
- COMPACTION REQUIREMENT DETAILS REFER TO PERCENTAGE OF MAXIMUM DRY DENSITY AS DEFINED BY STANDARD COMPACTION TEST IN AS1289.

PIPE BEDDING AND EMBEDMENT:

- ALL PIPE BEDDING AND EMBEDMENT SHALL COMPLY WITH MRWA-S-202
- HAND AND MECHANICAL TAMPERS SPECIALLY DESIGNED FOR THE PURPOSE SHALL BE USED TO COMPACT THE EMBEDMENT MATERIAL AROUND THE PIPES.
- THE BEDDING MATERIAL SHALL EXTEND FOR THE FULL WIDTH OF THE EXCAVATED TRENCH.
- BACKFILL SHALL BE PLACED UNIFORMLY OVER THE EMBEDMENT AND COMPACTED IN SUCH A MANNER THAT THE PIPE IS NOT DISTURBED OR DAMAGED TO ACHIEVE THE SPECIFIED COMPACTION.
- COMPACTION AROUND AND UP TO 600mm ABOVE THE PIPE SHALL BE UNDERTAKEN WITH A MANUALLY OPERATED 'WACKER PACKER' OR SIMILAR TO AVOID DAMAGE TO THE PIPE.

TESTING & COMMISSIONING OF PIPELINE:

- TESTING OF SEWER MAINS, INCLUDING PRESSURE TESTING AS REQUIRED, SHALL BE PERFORMED UNDER SUPERVISION OF THE SUPERINTENDENT AND SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF WSA 02-2002 EDITION AND OTHER WATER AGENCY SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE 7 DAYS NOTICE OF TESTING TO THE SUPERINTENDENT. NO TESTING SHALL BE PERFORMED IN THE ABSENCE OF THE SUPERINTENDENT'S REPRESENTATIVE.
- CONNECTION TO LIVE ASSETS - 14 DAYS WRITTEN NOTICE SHALL BE GIVEN TO THE SUPERINTENDENT OF CONNECTION WORKS.
- A TEST PROCEDURE SHALL BE PREPARED AND SUBMITTED TO THE SUPERINTENDENT AT LEAST 2 WEEKS PRIOR TO TESTING OF PIPELINES.
- THE AS-BUILT COMPLETION OF PIPELINE HORIZONTAL AND VERTICAL ALIGNMENT SHALL BE ACCURATELY SURVEYED AND PLOTTED ONTO AS-CONSTRUCTED DRAWINGS.

PRACTICAL COMPLETION:

- PRACTICAL COMPLETION WILL NOT BE ISSUED UNTIL THE FOLLOWING HAS BEEN PROVIDED TO THE SATISFACTION OF THE SUPERINTENDENT:
 - AS-CONSTRUCTED DRAWINGS.
 - ASSET REGISTER.
 - RESULTS OF ALL PRESSURE TESTING AND COMPACTION TESTING REQUIRED UNDER THE CONTRACT.

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C	PROVISION DETAILED DESIGN	10/08/2021
B	FUNCTIONAL DESIGN	16/06/2021
A	FOR INFORMATION	02/06/2021
ISSUE	DESCRIPTION	DATE

NOTATIONS:
SURVEY DATUM PM 22392 RL 91.274m
LEVELS ARE IN AHD
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

COMMENT

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



NOTE!
BEWARE OF EXISTING OVERHEAD
ELECTRICAL CABLES !



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Client:	EDWARD RIVER COUNCIL	Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
Project Name:	SENIORS LIVING PRECINCT	Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021
Location:	POICTIERS STREET, DENILIKUIN	Cad File:	3570 C01.DWG	Size:	A1
Property:	PARISH OF SOUTH DENILIKUIN DP732067 LOT 1 & DP1220715 LOT 2	Scale:	SCALE AS SHOWN		
		Drawing No		Shh	Issue
Title:	SERVICES GENERAL NOTES		3570 / C25	25 of 30	C

NOTE
ELECTRICAL AND NBN SERVICES
DETAILS ON THESE CIVIL SET PLANS ARE
SCHEMATIC ONLY AND HAVE BEEN REPLICATED
FROM BALPARA'S DESIGN SETS FOR CONTEXT.
THESE PLANS ARE TO BE READ IN CONJUNCTION
WITH BALPARA DESIGN SET AND
SPECIFICATIONS 400-20-156 AND STG-xxxxx

SEWER MAIN MATERIAL LIST				
MARK	DESCRIPTION		QUANTITY	
S1	150mm INSPECTION SHAFT		0	No.
SC	HOUSE CONNECTION TYPE 1A		0	No.
SC	HOUSE CONNECTION TYPE 1B		0	No.
SC	HOUSE CONNECTION TYPE 2		0	No.
SC	HOUSE CONNECTION TYPE 4		0	No.
SC	HOUSE CONNECTION INTO IO		0	No.

WATER MAIN MATERIAL LIST			
MARK	DESCRIPTION	QUANTITY	
1	ø100mm uPVC PN16	0	Lm
2	ø100mm 6° BEND	0	No.
3	ø100mm 90° BEND	0	No.
4	ø100mm TEE	0	No.
5	ø100mm STOP VALVE	0	No.
6	CONCRETE THRUST BLOCK	0	No.
7	DN63 PE	0	Lm
8	ø100mm TO DN63 REDUCER	0	No.
9	FIRE HOSE REEL CONNECTION (MIN 25mm SUPPLY PIPE)	0	No.
WS	HOUSE CONNECTION OFF ø100mm	0	No.
WS	HOUSE CONNECTION OFF DN63 PE OR EXITING PIPE WORK	0	No.

TBC DURING
DETAILED DESIGN

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NOTE!
BEWARE OF EXISTING OVERHEAD
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3570 C01.DWG	-	-	-	NOTATIONS: SURVEY DATUM PM 22392 RL 91.274m LEVELS ARE IN A.H.D LENGTHS ARE SHOWN IN METRES CONTOUR INTERVAL IS 0.10m	COMMENT	 Edward River COUNCIL Edward River Council Civic Centre Civil Place P.O. Box 270, Deniliquin, NSW 2710 Phone 03 5898 3000 Fax 03 5898 3029	 cafc CONSULTING abn: 37 160 560 556 a: 38 Wyndham Street, Shepparton p: P.O. Box 1948, Shepparton, VIC 3632 t: 03 5831 3347 f: 03 5831 3343 e: info@cafcconsulting.com.au w: cafcconsulting.com.au	Client:	EDWARD RIVER COUNCIL		Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021	
	-	-	-					Project Name:	SENIORS LIVING PRECINCT		Designed:	S.GALEA 02/06/2021	Approved:	K.TIDD 11/08/2021	
	-	-	-					Location:	POICTIERS STREET, DENILIQUIN		Cad File:	3570 C01.DWG		Size:	A1
	-	-	-					Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2		Scale:	SCALE AS SHOWN			
	-	-	-							Drawing No:		Shh:		Issue:	
	-	-	-					Title:		SERVICES STANDARD DRAWINGS		3570 / C26		26 of 30	
12/08/2021 11:53:08 AM	C	PROVISION DETAILED DESIGN	10/08/2021												
	B	FUNCTIONAL DESIGN	16/06/2021												
	A	FOR INFORMATION	02/06/2021												
	ISSUE	DESCRIPTION	DATE												

12/08/2021 11:53:08 AM 3570 C01.DWG

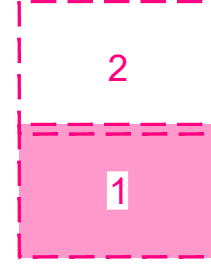
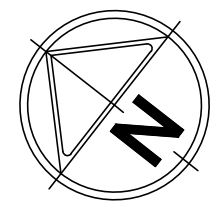
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ISSUE	DESCRIPTION	DATE
A	FOR INFORMATION	02/06/2021
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C	PROVISION DETAILED DESIGN	10/08/2021

NOTATIONS:
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COMMENT



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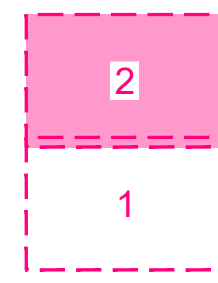
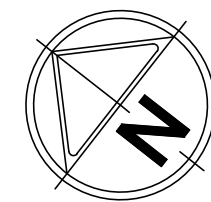
Client:	EDWARD RIVER COUNCIL		Surveyed:	B.SLOAN MAY 2021	Drawn:	J.DENSLEY 02/06/2021
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Location:	POITIERS STREET, DENILIKUIN		Cad File:	3570 C01.DWG	Size: A1	
Property:	PARISH OF SOUTH DENILIKUIN DP732067 LOT 1 & DP1220715 LOT 2		Scale:	SCALE AS SHOWN		Issue
Title:	WATER SERVICE (SHEET 1 OF 2)		Drawing No:	3570 / C27	Shh:	
				27 of 30		C

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A	FOR INFORMATION	02/06/2021
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Property:	PARISH OF SOUTH DENILIKUIN DP732067 LOT 1 & DP1220715 LOT 2		Scale:	SCALE AS SHOWN		
Title:	WATER SERVICE (SHEET 2 OF 2)		Drawing No:	3570 / C28	Shh:	28 of 30
					Issue:	C

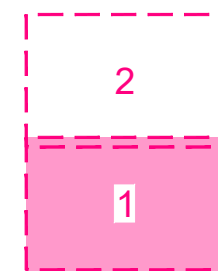
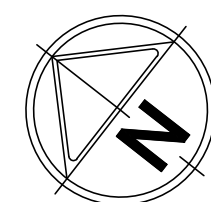
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ISSUE	DESCRIPTION	DATE
C	PROVISION DETAILED DESIGN	10/08/2021
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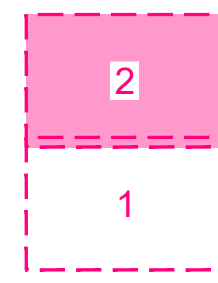
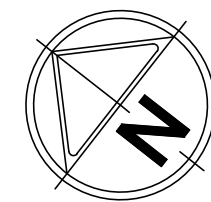
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Property:	PARISH OF SOUTH DENILIQUIN DP732067 LOT 1 & DP1220715 LOT 2	Scale:	SCALE AS SHOWN	Shh:	
Title:	SEWER SERVICE (SHEET 1 OF 2)	Drawing No:	3570 / C29	Issue:	29 of 30

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ISSUE	DESCRIPTION	DATE
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					30 of 30	C