

BLACKTOWN CITY COUNCIL
CIVIL ENGINEERING DESIGN
57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS DRIVEWAY

Prepared for: AUTORECYCLERS PTY LTD

LEGEND

- ROOF DRAINAGE LINE
- PROPOSED DRAINAGE LINE
- EXISTING DRAINAGE LINE
- 24 --- NATURAL SURFACE CONTOUR
- 79.2 --- DESIGN SURFACE CONTOUR
- TABLE DRAIN
- EXISTING HEADWALL
- PROPOSED HEADWALL
- LIMIT OF CONSTRUCTION
- LIMIT OF WORKS
- PIT 1/2 PIT NUMBER
- ss --- SUBSOIL DRAINAGE LINE
- GRATED SURFACE INLET PIT
- SEALED PIT
- KERB INLET PIT
- EXISTING TREES TO REMAIN
- EXISTING TREES TO BE REMOVED

EXISTING SERVICES

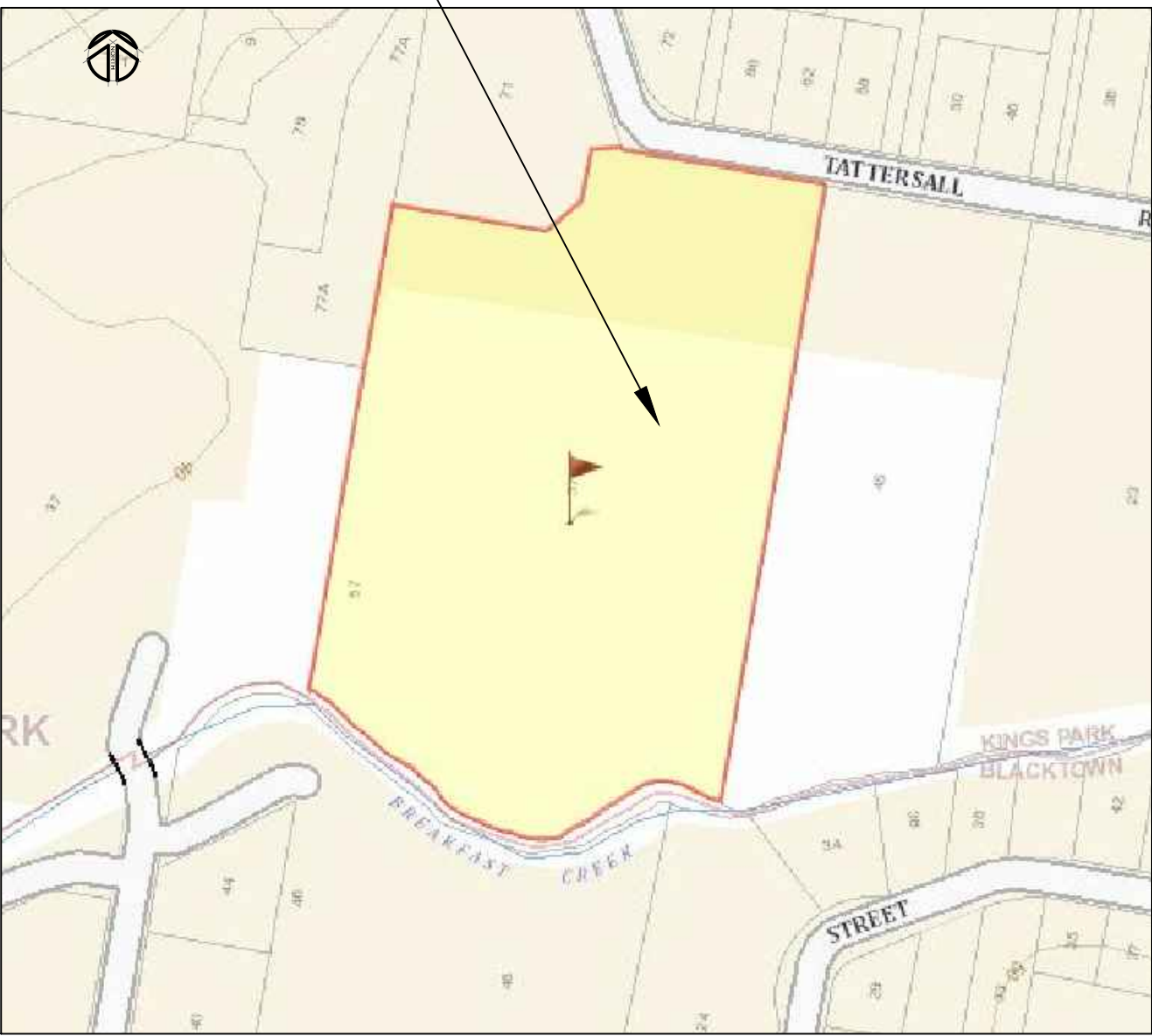
EX. SEWER

EX. OVERHEAD POWERLINE

S S

P P

LOCATION OF WORKS



LOCALITY SKETCH
NOT TO SCALE

Sheet Number	Sheet Title
001	COVERSHEET
011	GENERAL NOTES
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GENERAL NOTES

1. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH BLACKTOWN CITY COUNCIL'S WORKS SPECIFICATION CIVIL - 2005 REQUIREMENTS AND/OR AS DIRECTED BY THEIR REPRESENTATIVE.
2. ALL WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE WORK HEALTH & SAFETY ACT 2011 AND ALL RELEVANT OCCUPATIONAL HEALTH & SAFETY POLICIES AND REGULATIONS.
3. DIMENSIONS SHALL NOT BE SCALED FROM THE PLANS. CLARIFICATION OF DIMENSIONS SHALL BE SOUGHT FROM THE SUPERINTENDENT OR REFERRED TO THE DESIGNER.
4. ALL LEVELS AND DIMENSIONS ARE TO BE CHECKED PRIOR TO THE COMMENCEMENT OF WORKS.
5. EXISTING SURFACE, CONTOURS AND LEVELS, STRUCTURES, BENCH MARKS AND BOUNDARIES HAVE BEEN COMPILED FROM DATA SUPPLIED BY THE SURVEYOR.
6. SURVEY MARKS SHOWN THUS ▲ SHALL BE MAINTAINED AT ALL TIMES. WHERE RETENTION IS NOT POSSIBLE THE ENGINEER SHALL BE NOTIFIED AND CONSENT RECIEVED PRIOR TO THEIR REMOVAL.
7. ALL NEW WORK IS TO MAKE A SMOOTH JUNCTION WITH EXISTING CONDITIONS.
8. THE CONTRACTOR IS NOT TO ENTER UPON NOR DO ANY WORK WITHIN OR ON ADJACENT LANDS WITHOUT THE PRIOR APPROVAL OF THE SUPERINTENDENT AND THE WRITTEN PERMISSION OF THE OWNERS.
9. SEDIMENT MEASURES SHALL BE IMPLEMENTED PRIOR TO SOIL DISTURBANCE IN KEEPING WITH THE 4th EDITION OF LANDCOMS "SOILS AND CONSTRUCTION - MANAGING URBAN STORMWATER" MARCH 2004 TO THE SATISFACTION OF COUNCIL'S REPRESENTATIVE AND AS SHOWN IN THESE DRAWINGS.
10. VEHICLE ACCESS AND ALL SERVICES ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION WORKS SHALL BE MAINTAINED AT ALL TIMES.

DRAINAGE NOTES

1. ALL PITS DEEPER THAN 1.2m SHALL HAVE STEP IRONS PROVIDED IN ACCORDANCE WITH COUNCIL'S STANDARDS.
2. ALL DRAINAGE LINES ON HIGH SIDE AND UNDER ROADS SHALL BE BACKFILLEDWITH SHARP SAND AND HAVE 3.0m OF AGRICULTURAL LINE WRAPPED IN AN APPROVED FILTER FABRIC, DISCHARGING INTO THE DOWNSTREAM PIT.
3. SUBSOIL DRAINS SHALL BE CONSTRUCTED TO THE SATISFACTION OF THE SITE SUPERINTENDENT.
4. PRECAST KERB INLET LINTELS SHALL BE USED ON GULLY PITS. GRATES SHALL BE "WELDLOK" TYPE GG 78-51 OR APPROVED EQUIVALENT.
5. ON COMPLETION OF PIPE INSTALLATION, ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL CONDITION INCLUDING KERBS, FOOTPATHS, CONCRETE AREAS, GRAVEL AREAS, GRASSED AREAS AND ROAD PAVEMENTS.
6. TRENCH WIDTHS ARE TO BE KEPT TO A MINIMUM CONSISTENT WITH THE LAYING AND BEDDING OF THE RELEVANT SERVICE AND CONSTRUCTION OF PERSONNEL ACCESS WAYS AND PITS. REFER TO AUTHORITIES STANDARDS FOR MINIMUM TRENCH WIDTHS. STANDARD TRENCH WIDTHS ARE THE DIMENSIONS OF UNSUPPORTED TRENCHES. SUPPORT EXCAVATIONS TO THE REQUIREMENTS OF THE CONSTRUCTION SAFETY REGULATIONS 1950 UNDER THE CONSTRUCTION SAFETY ACT 1912 (AS AMENDED) APPLY.
7. PITS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH AS3500.3-2003 PLUMBING AND DRAINAGE - STORMWATER DRAINAGE STANDARD UNLESS OTHERWISE SPECIFIED BY THE LOCAL COUNCIL OR AUTHORITY.
8. PITS SIZES IN ACCORDANCE WITH AS3500.3-2003 ARE TO BE:
450 x 450mm WHERE THE DEPTH IS LESS THAN 600mm
600 x 600mm WHERE THE DEPTH IS 600 - 900mm
600 x 900mm WHERE THE DEPTH IS 900 - 1200mm
900 x 900mm WHERE THE DEPTH IS GREATER THAN 1200mm
9. IF A PIT IS SHOWN ON THE KERB ALIGNMENT IT IS REQUIRED TO BE CONSTRUCTED AS A KERB INLET PIT UNLESS OTHERWISE NOTED.
10. BACKFILL SERVICE TRENCHES TO REQUIREMENTS WITHOUT DELAY FOR THE SECTION OF PIPE THAT HAS BEEN COMPLETED AND APPROVED, IF POSSIBLE ON THE SAME WORKING DAY.

EARTHWORKS NOTES

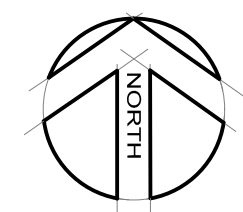
1. UNSOUND MATERIALS AS DETERMINED BY THE SITE SUPERINTENDENT SHALL BE REMOVED FROM ROADS PRIOR TO ANY FILLING.
2. ALL SITE REGRADING AREAS SHALL BE GRADED TO THE SATISFACTION OF COUNCIL'S REPRESENTATIVE. THE CONTRACTOR SHALL TAKE LEVELS ON THE EXISTING SURFACE AFTER STRIPPING TOPSOIL AND PRIOR TO COMMENCING ANY FILL OPERATIONS.
3. SURPLUS EXCAVATED MATERIAL SHALL BE PLACED OR DISPOSED OF IN ACCORDANCE WITH THE CONTRACT, OR AS DIRECTED BY THE SUPERINTENDENT.
4. ALL SITE FILLING SHALL BE PLACED IN LAYERS NOT EXCEEDING 300mm AND COMPACTED IN ACCORDANCE WITH COUNCIL'S SPECIFICATION AND BE TESTED AT THE REQUIRED INTERVALS BY AN APPROVED N.A.T.A. GEOTECHNICAL LABORATORY.
5. TOPSOIL SHALL BE SPREAD ON ALL FOOTPATHS, BERMS, BATTERS AND SITE REGRADING AREAS. EXCESS TOPSOIL SHALL BE DISPOSED OF AS DIRECTED BY THE SUPERINTENDENT.
6. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL THROUGHOUT THE DURATION OF THE PROJECT.

UTILITY NOTES

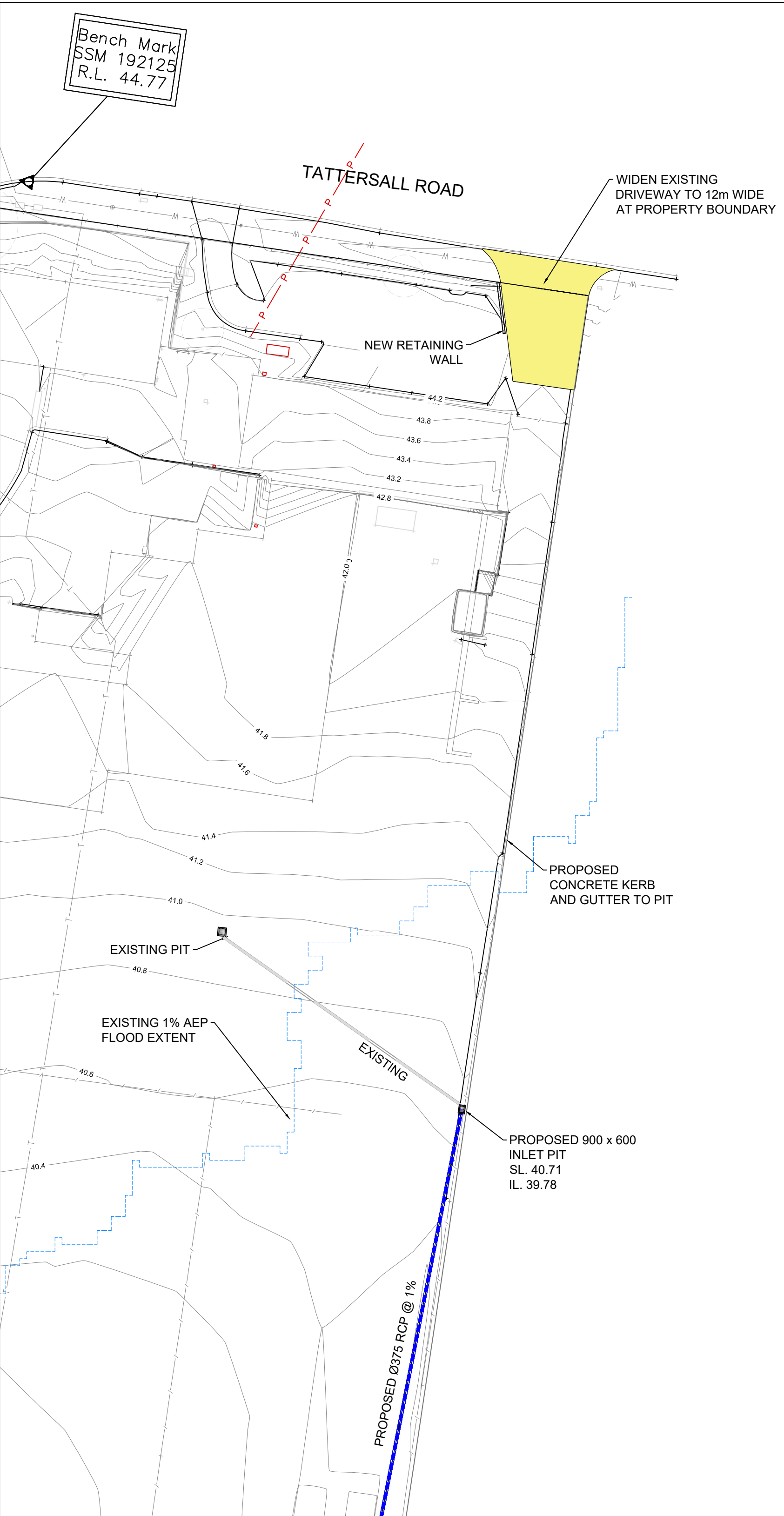
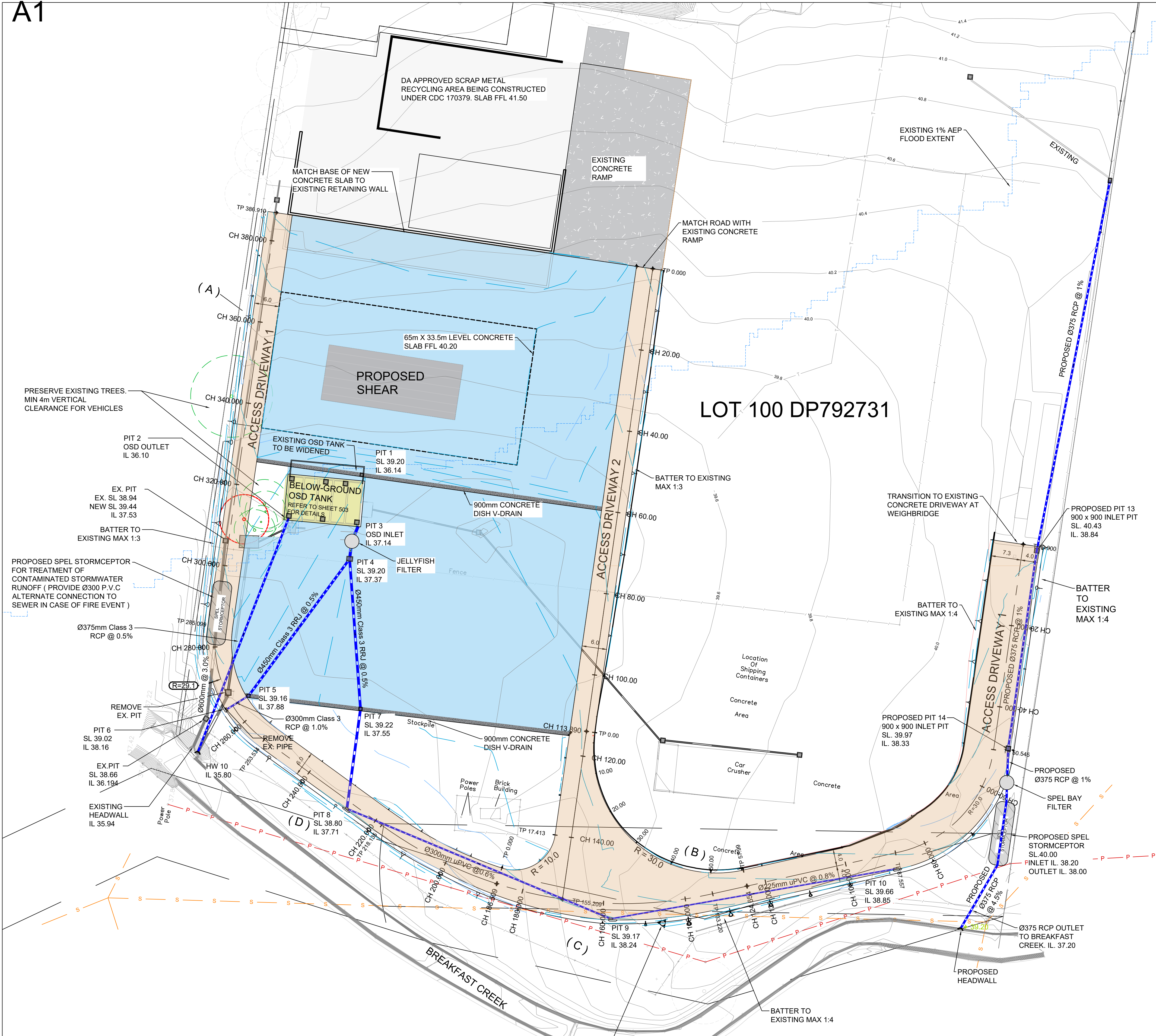
1. THE CONTRACTOR IS TO IDENTIFY, LOCATE AND LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION WORKS AND WHERE NECESSARY MAKE ARRANGEMENTS WITH THE RELEVANT AUTHORITY TO RELOCATE OR ADJUST WHERE NECESSARY.
2. BARKER RYAN STEWART DOES NOT ACCEPT ANY LIABILITY FOR INACCURACIES IN THE SERVICE INFORMATION AS SHOWN.
3. CARE SHALL BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. MECHANICAL EXCAVATION SHOULD BE AVOIDED OVER TELSTRA, GAS OR ELECTRICAL SERVICES, EXCAVATE WITH HAND TOOLS IN THESE AREAS.

REV	AMENDMENT	ISSUED	DATE	BARKER RYAN STEWART TOTAL PROJECT SOLUTIONS ENGINEERING PLANNING PROJECT MANAGEMENT SURVEYING CERTIFICATION SYDNEY P: 02 9659 0005 CENTRAL COAST P: 02 4325 5255 HUNTER P: 02 4966 8388 ABN: 26 134 067 842 www.brs.com.au mail@brs.com.au	Client: AUTORECYCLERS PTY LTD	57-69 TATTERSALL RD, KINGS PARK INTERNAL ACCESS ROAD GENERAL NOTES	Designed: TW Drawn: TW Checked: AD Scales: Plan - Horiz. - Vert. - X-Sect. - Datum: A.H.D.	Plan No. CC160136-1-011 File Ref. CC160136 REV. A
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A1



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LEGEND

	EXISTING DRAINAGE LINE
	EXISTING DRAINAGE PIT
	PROPOSED DRAINAGE LINE

EASEMENTS

(A) EASEMENT FOR SEWERAGE & DRAINAGE 0.915 WIDE (VIDE H854441)

(B) EASEMENT FOR TRANSMISSION LINE 20.115 WIDE (VIDE H478705)

(C) EASEMENT FOR TRANSMISSION LINE 20.115 WIDE AND VARIABLE

(D) FORMER BANK OF CREEK



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57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS ROAD

SITE PLAN

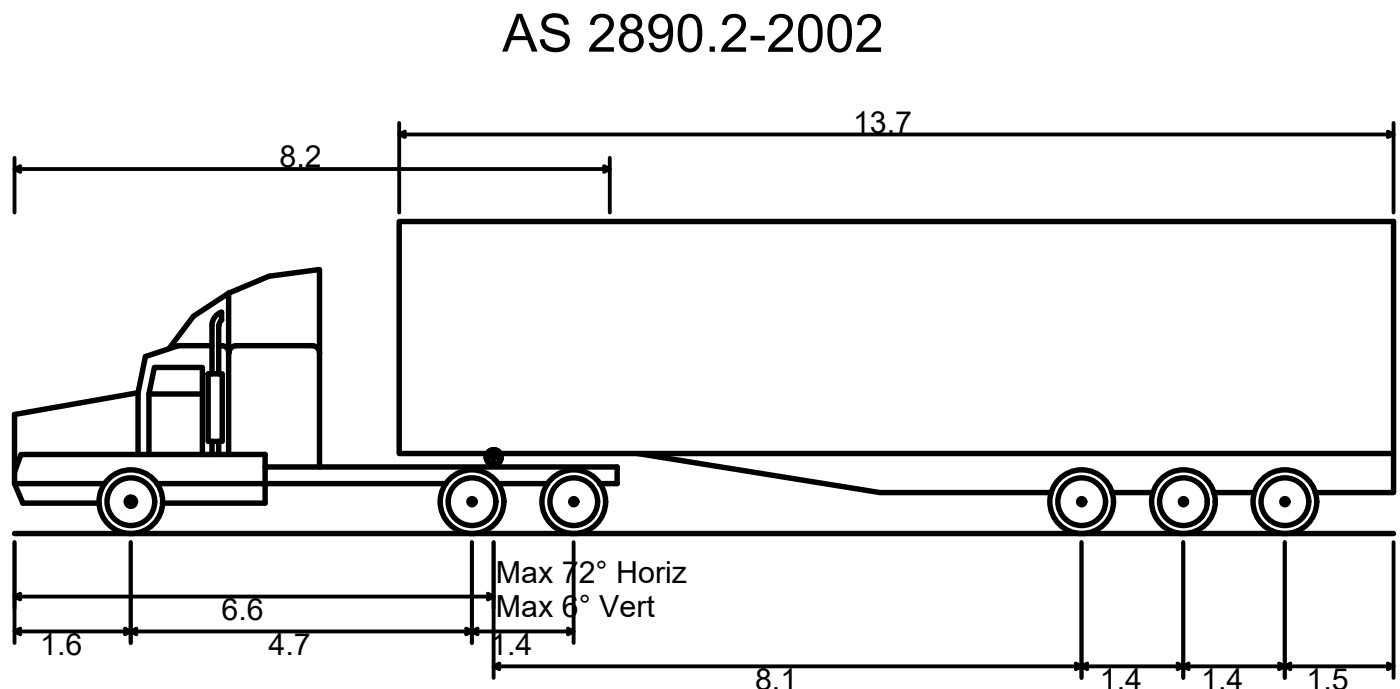
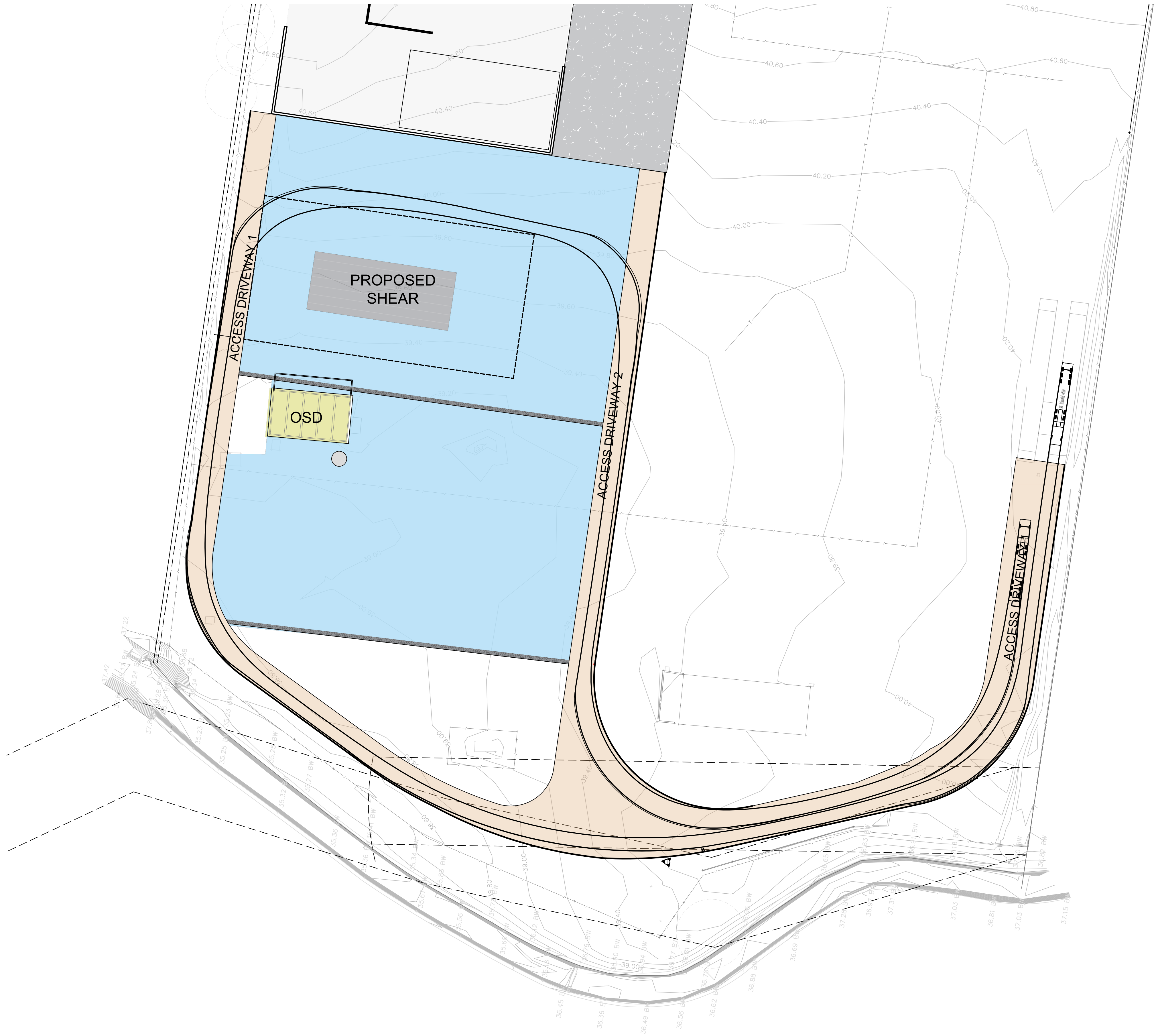
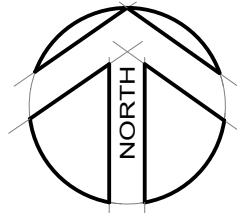
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Vert. -
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Plan No.
CC160136-1-101

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AV - Articulated Vehicle	
Overall Length	19.000m
Overall Width	2.500m
Overall Body Height	4.301m
Min Body Ground Clearance	0.418m
Track Width	2.500m
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	12.500m

PLAN
SCALE 1:500



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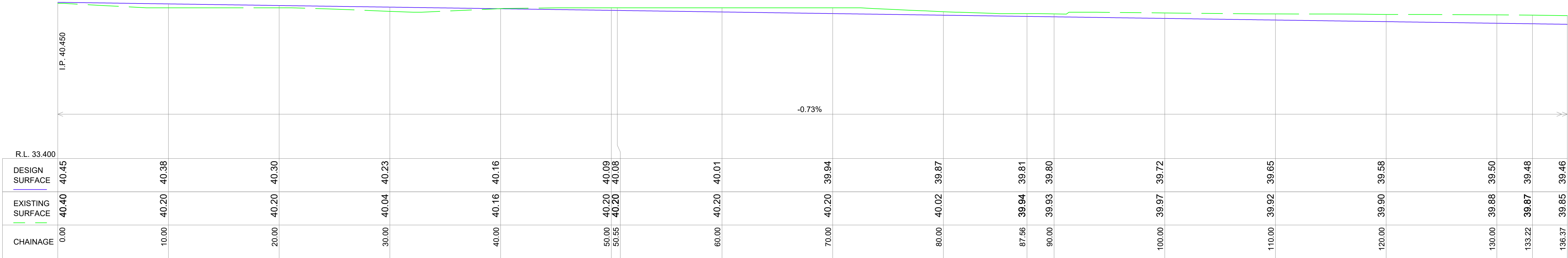
**57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS ROAD**

19 m ARTICULATED VEHICLE TURNING PATH

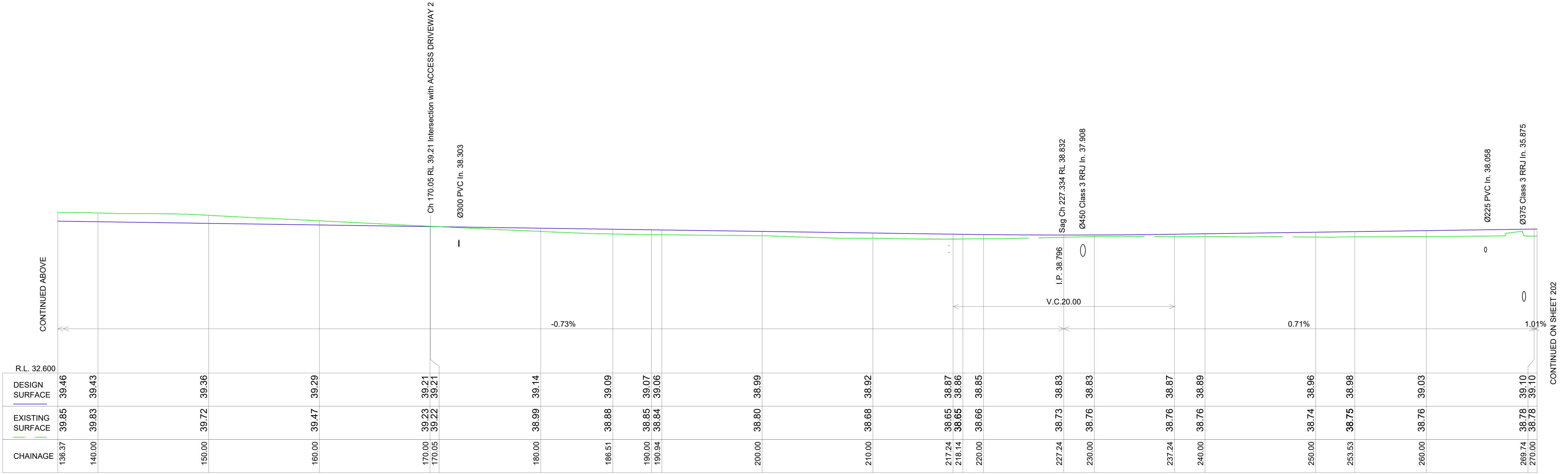
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ACCESS DRIVEWAY 1 LONG SECTION
Ch 0.000 to Ch 136.369
HOR 1:200 VERT 1:100



ACCESS DRIVEWAY 1 LONG SECTION
Ch 136.369 to Ch 270.000
HOR 1:200 VERT 1:100



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RYAN
STEWART**

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**57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS ROAD**

ACCESS DRIVEWAY 1 LONGITUDINAL SECTION CH 0 - CH 270

Designed: TW
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Checked: AD

Scales: Plan -
Horiz. 1:200
Vert. 1:100
X-Sect. -

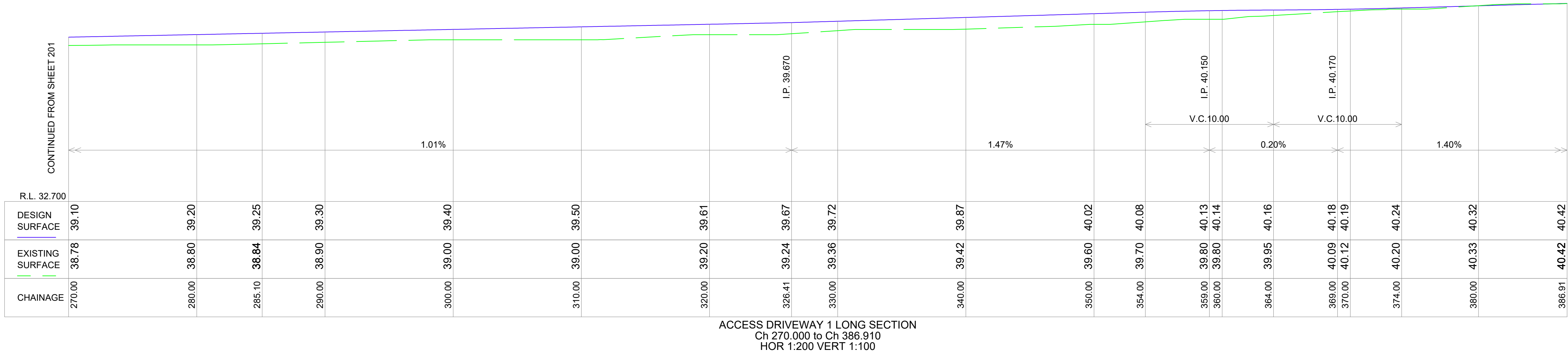
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ACCESS DRIVEWAY 1 LONGITUDINAL SECTION CH 270 - CH 386.910

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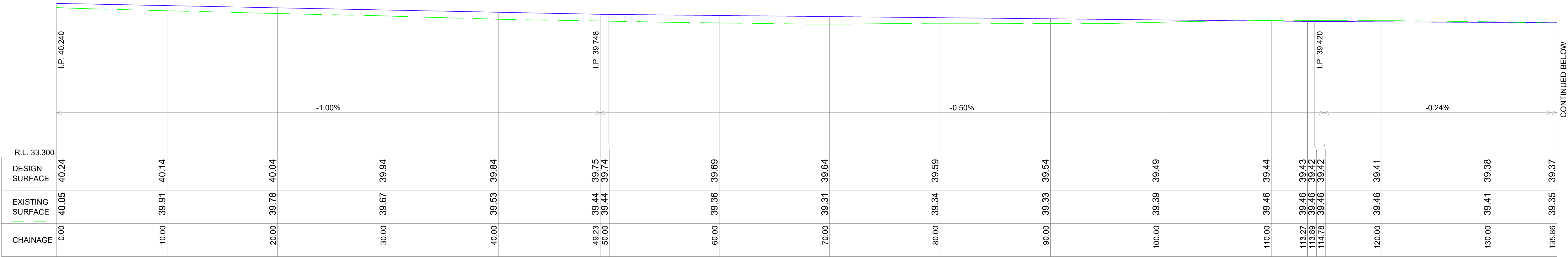
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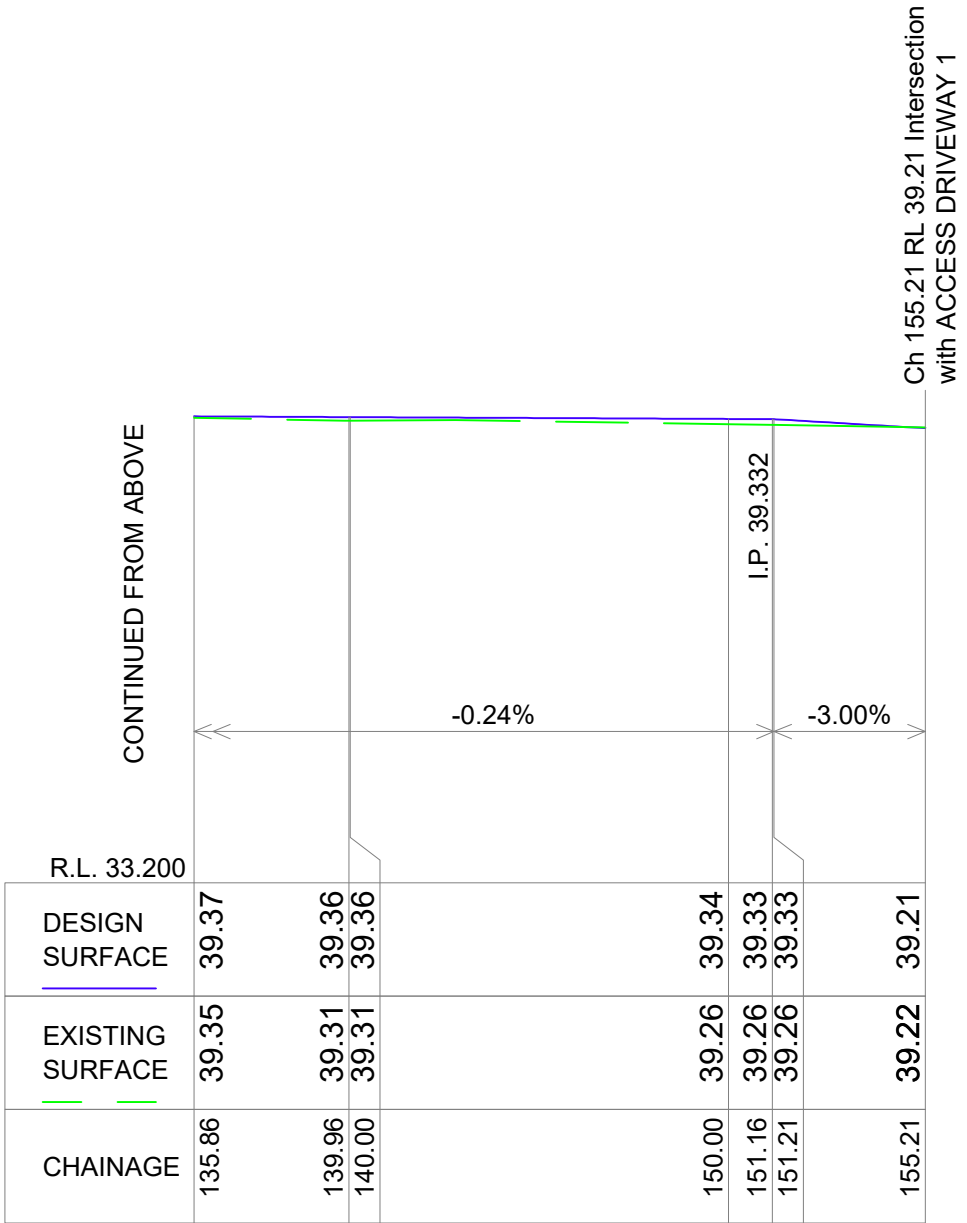
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CC160136

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ACCESS DRIVEWAY 2 LONGITUDINAL SECTION
Ch 0.000 to Ch 135.860
HOR 1:200 VERT 1:100



ACCESS DRIVEWAY 2 LONG SECTION
Ch 135.860 to Ch 155.209
HOR 1:200 VERT 1:100



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ACCESS DRIVEWAY 2 LONGITUDINAL SECTION CH 0 - CH 155.239

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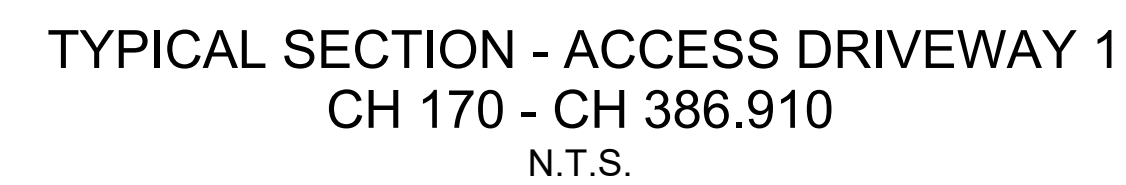
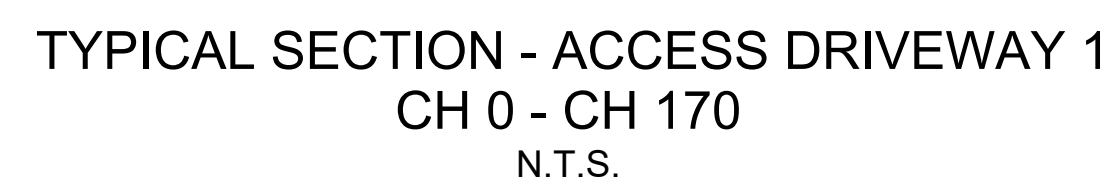
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CC160136-1-203

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PAVEMENT DETAILS TO BE CONFIRMED IN CONSTRUCTION
CERTIFICATE PLANS.



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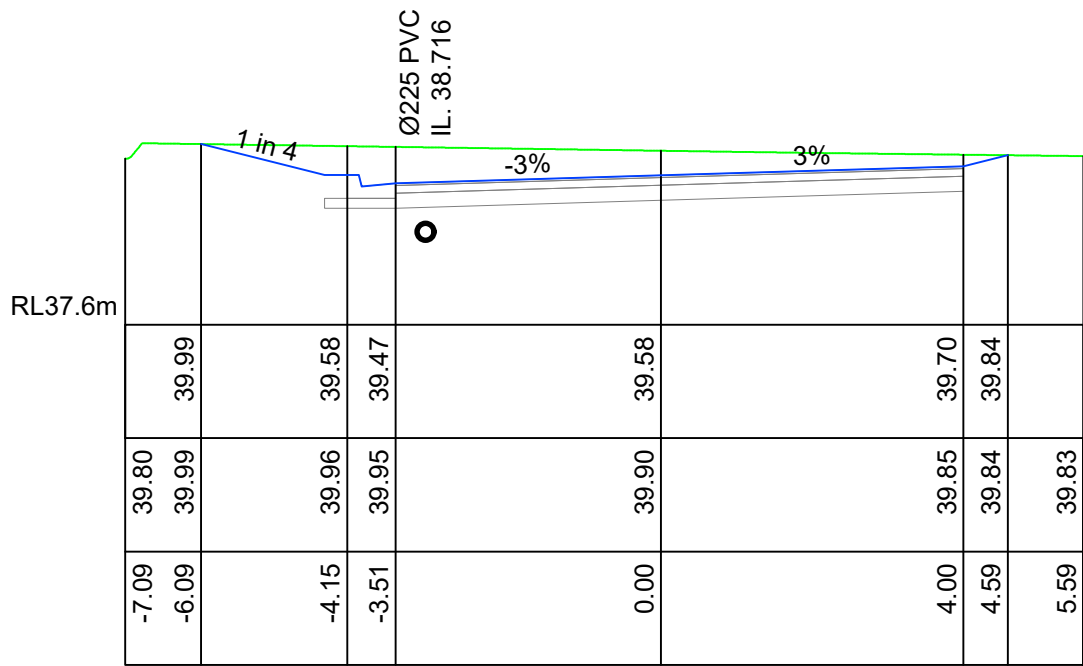
TYPICAL ROAD CROSS SECTIONS

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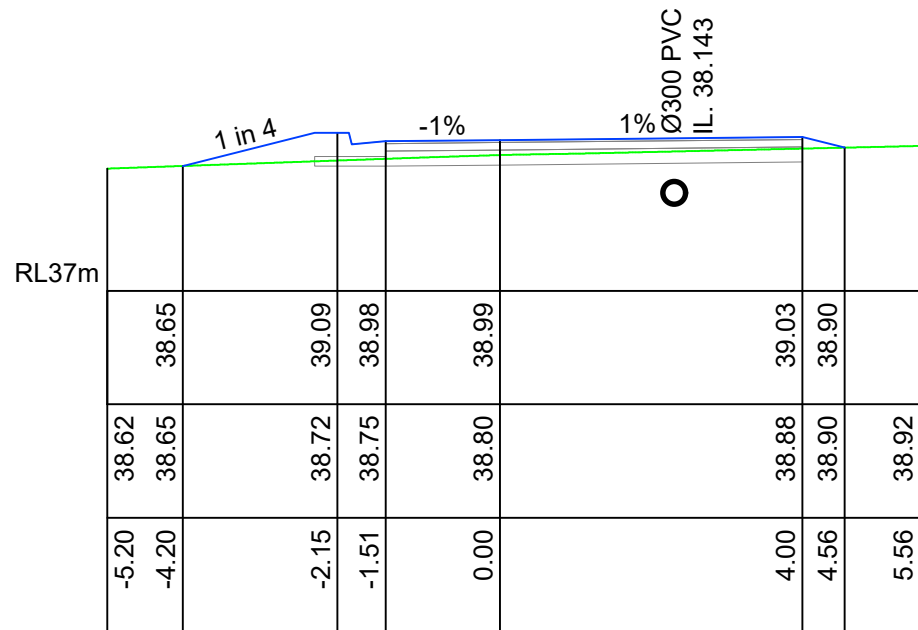
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File Ref. REV
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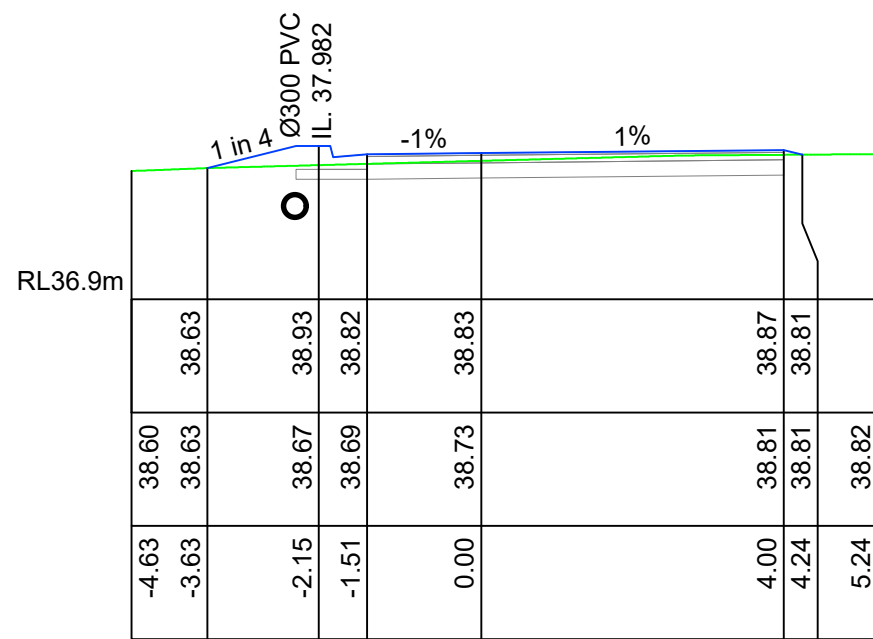
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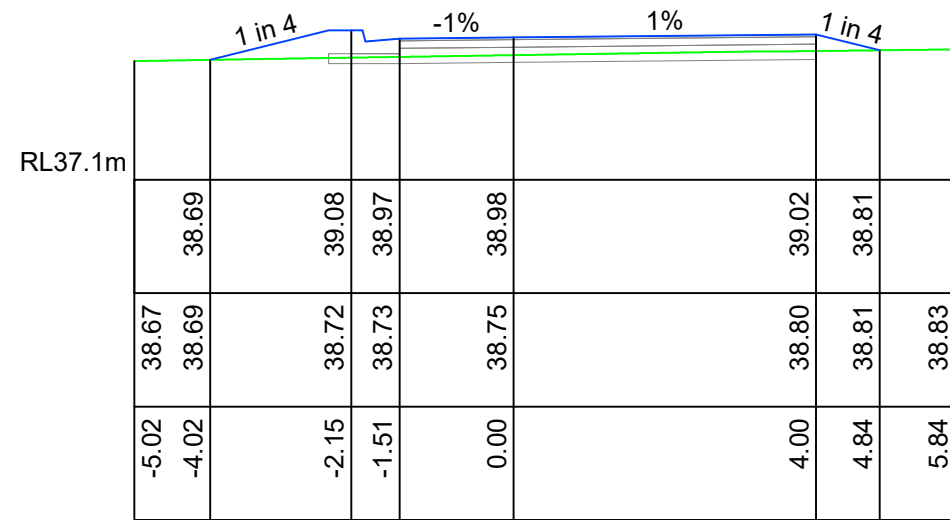
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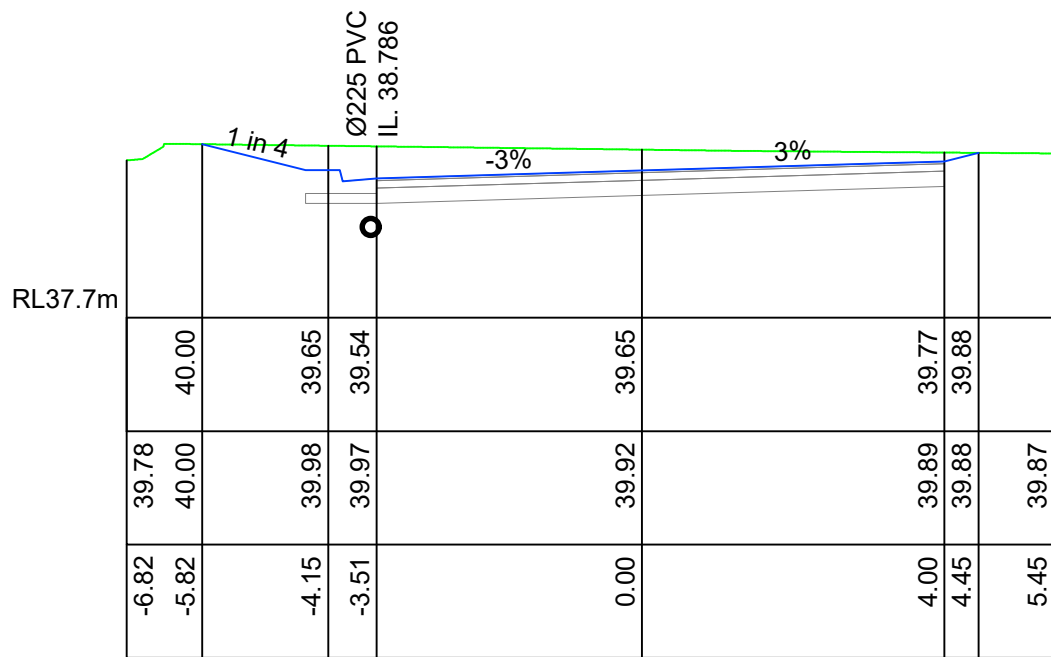
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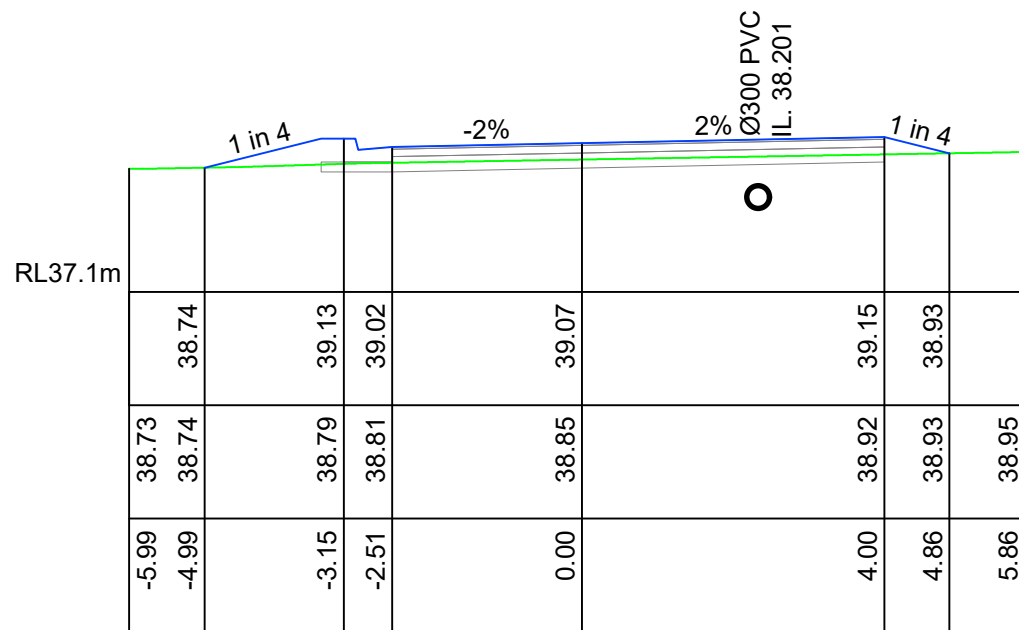
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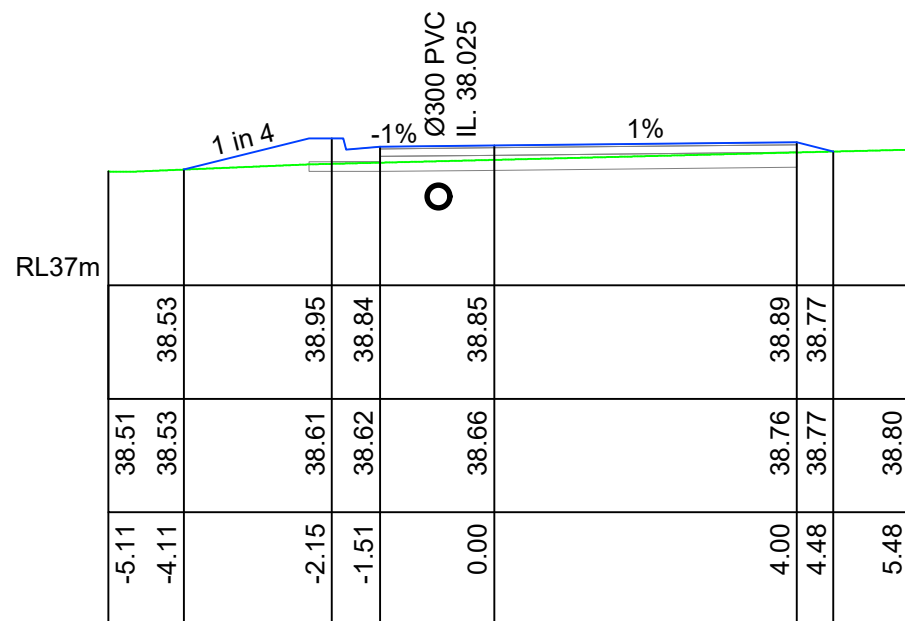
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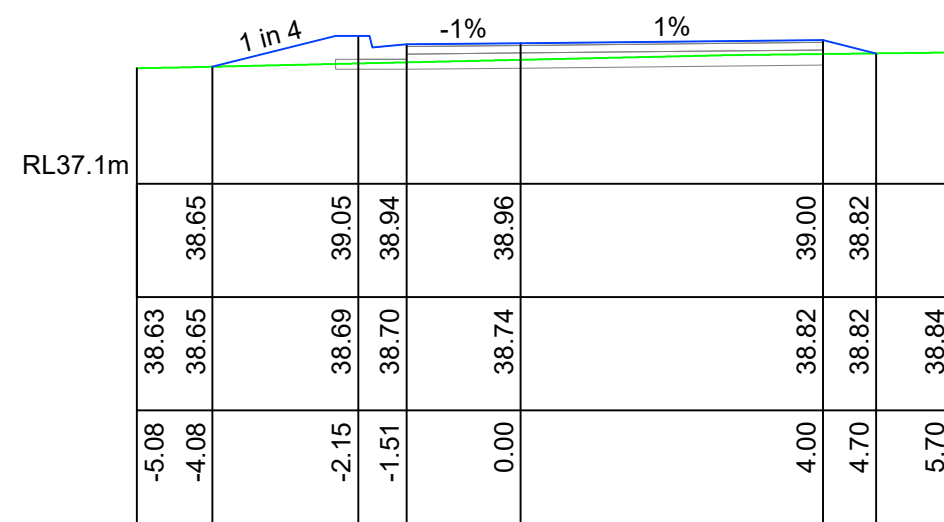
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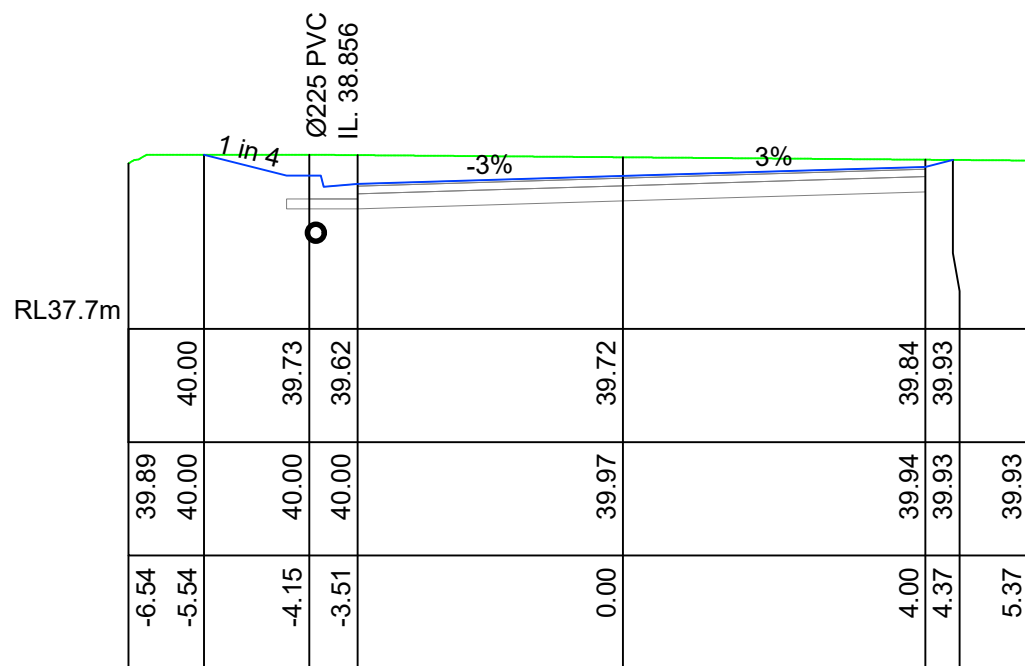
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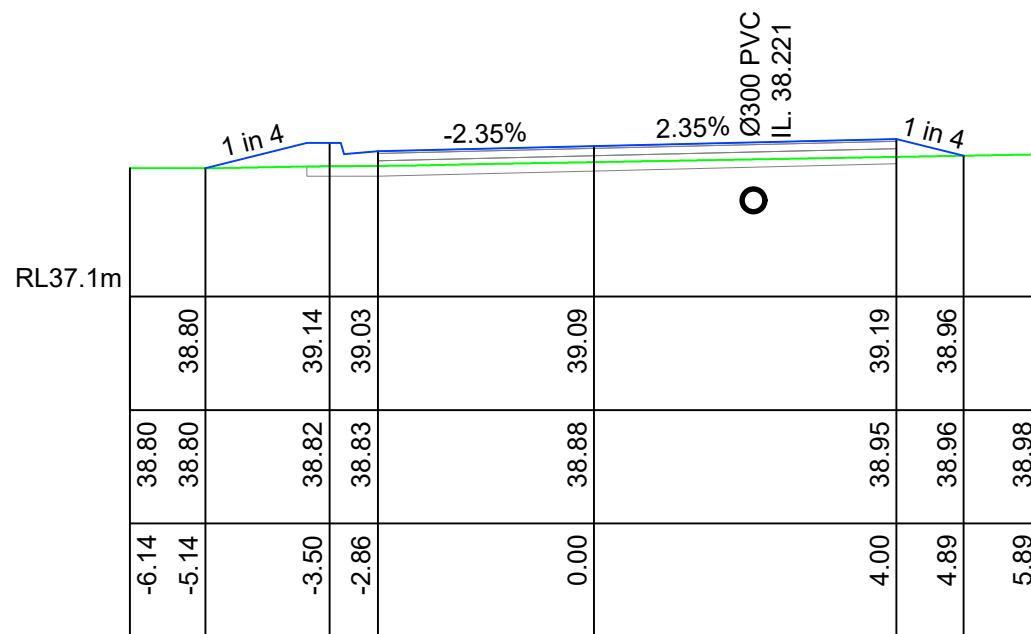
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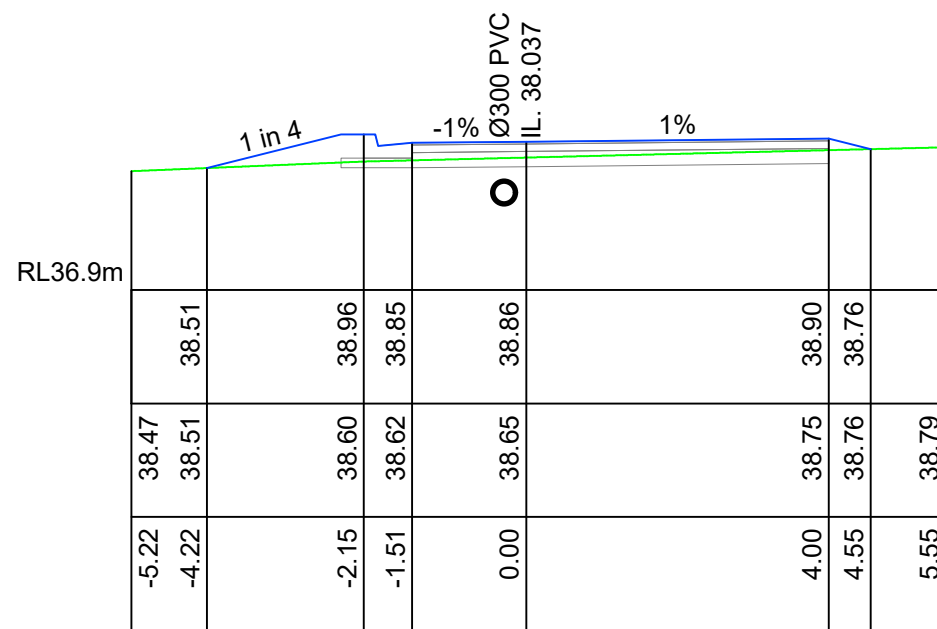
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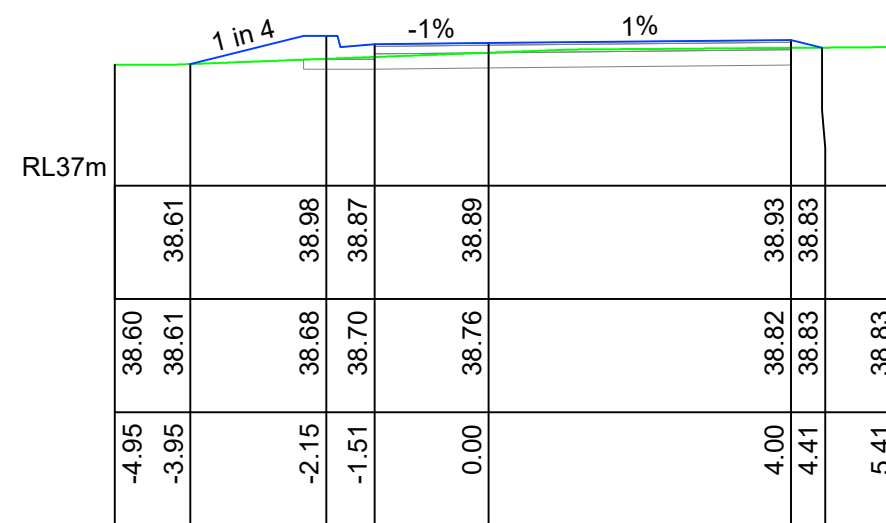
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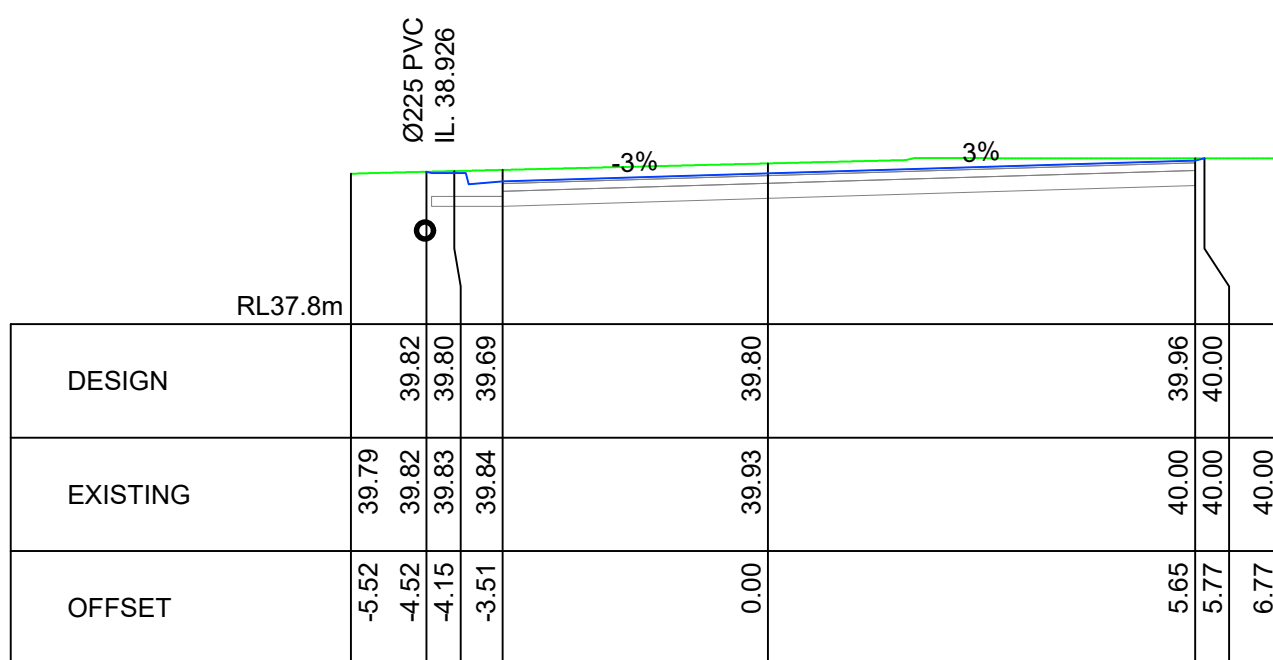
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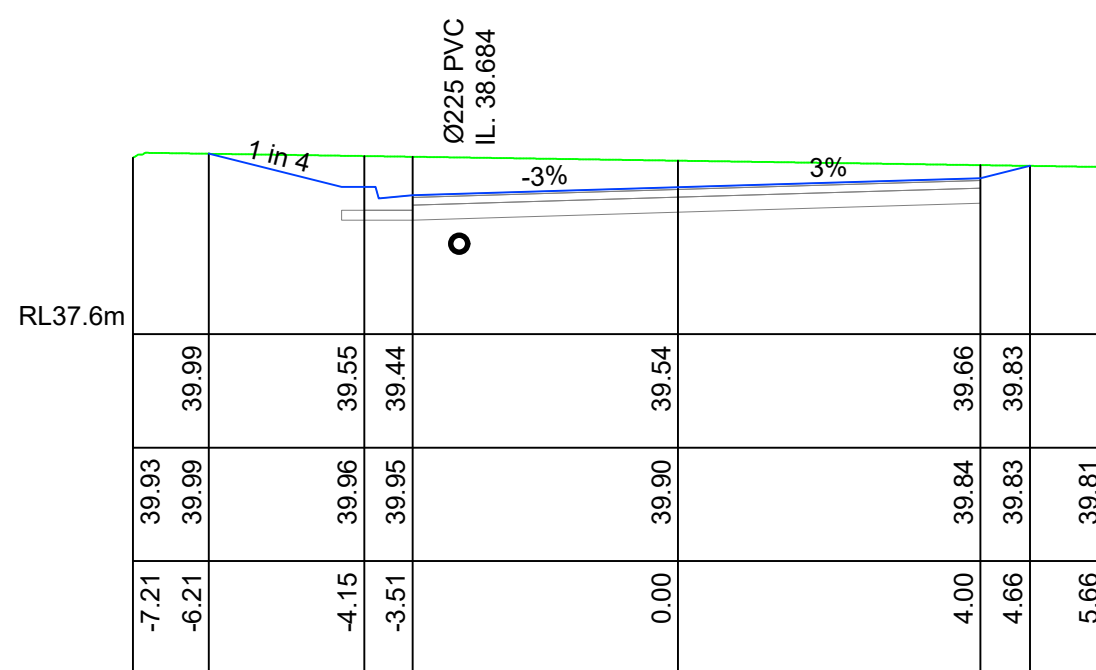
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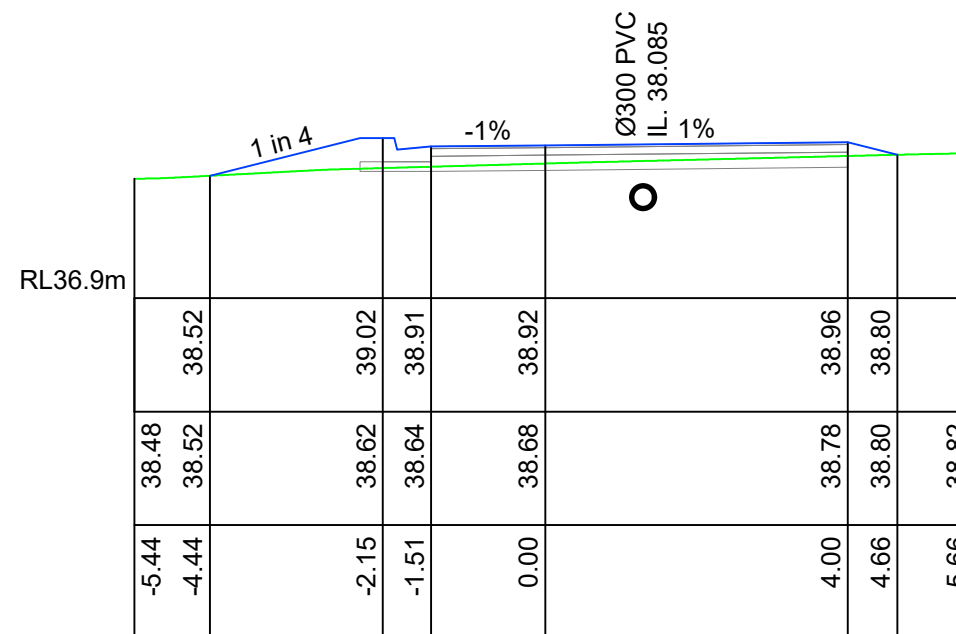
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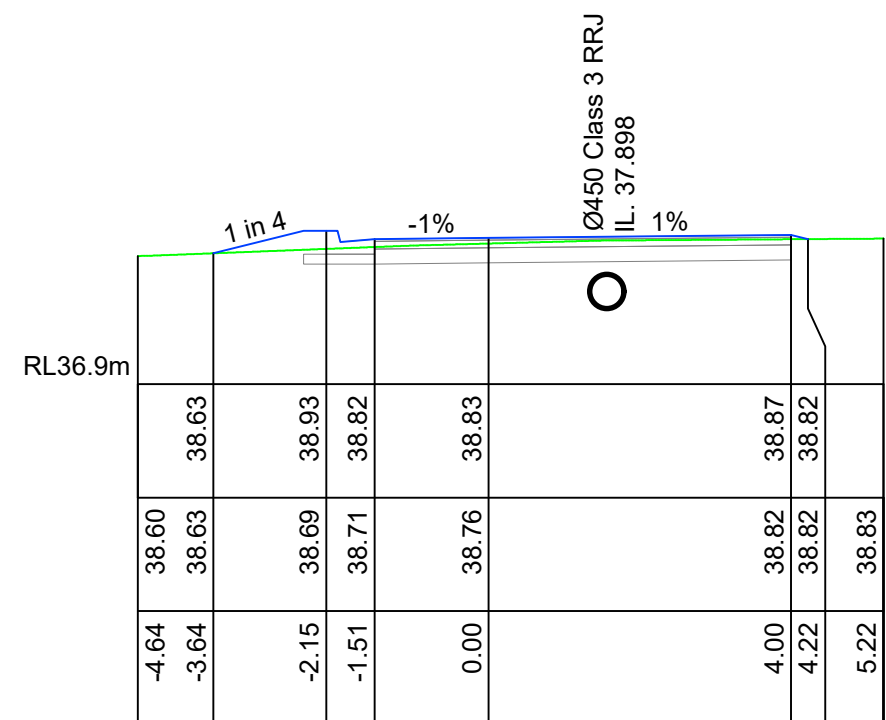
CH 90



KTP CH 124.654



CH 210



CH 230



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**57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS ROAD**

ACCESS DRIVEWAY 1 CROSS SECTIONS CH 90 - CH 253.534

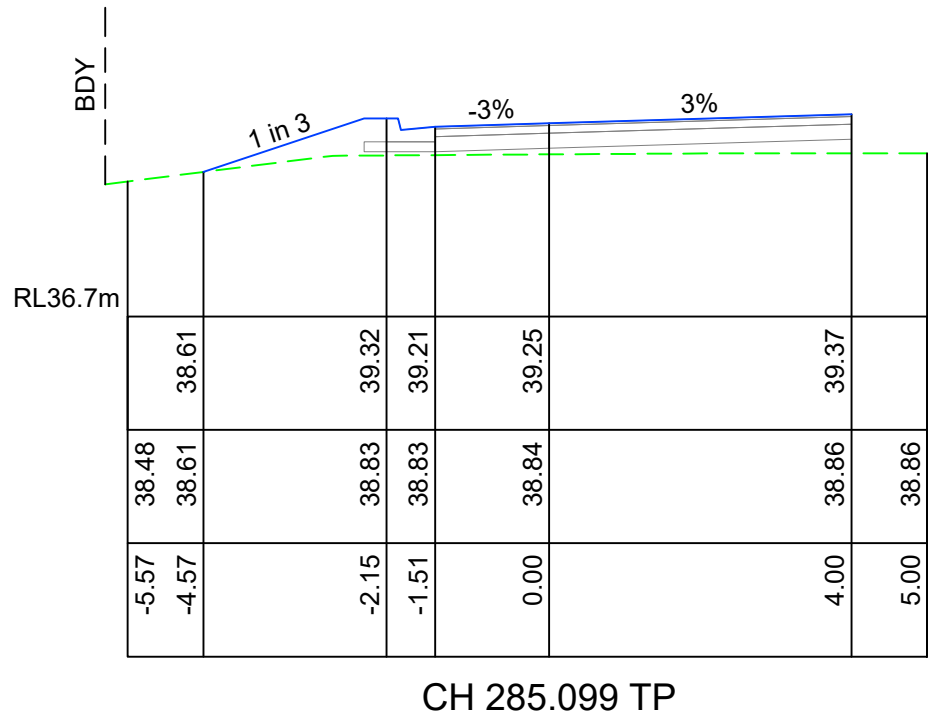
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Scales: Plan -
Horiz. -
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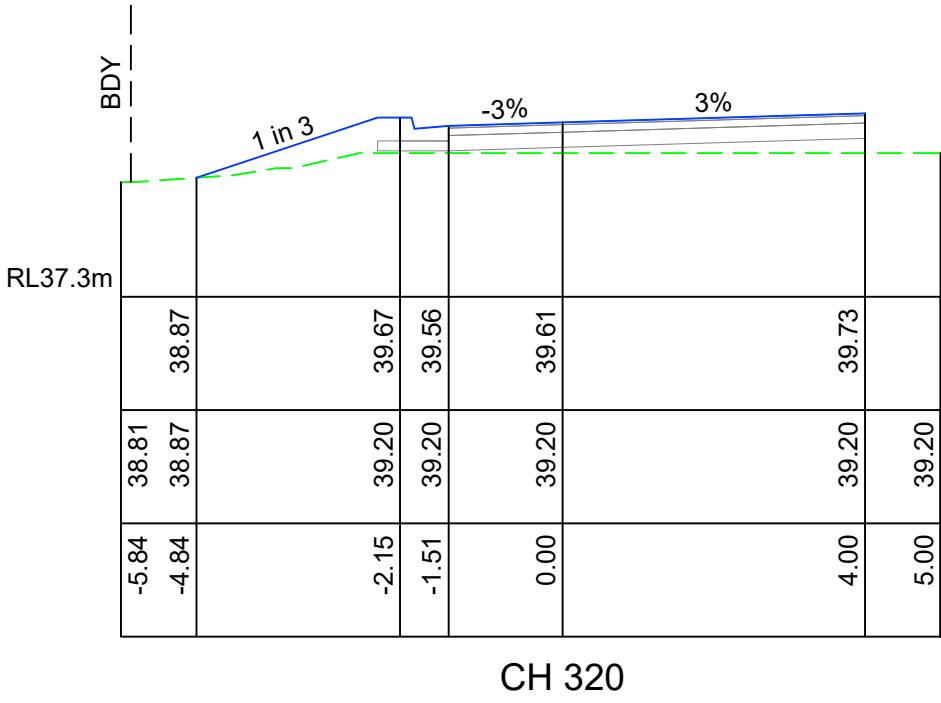
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Plan No.
CC160136-1-312
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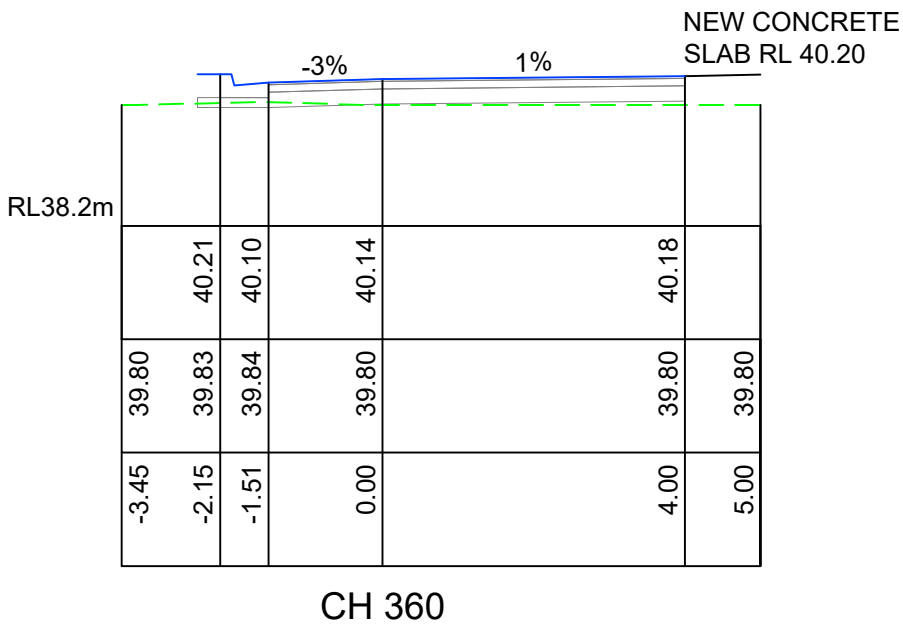
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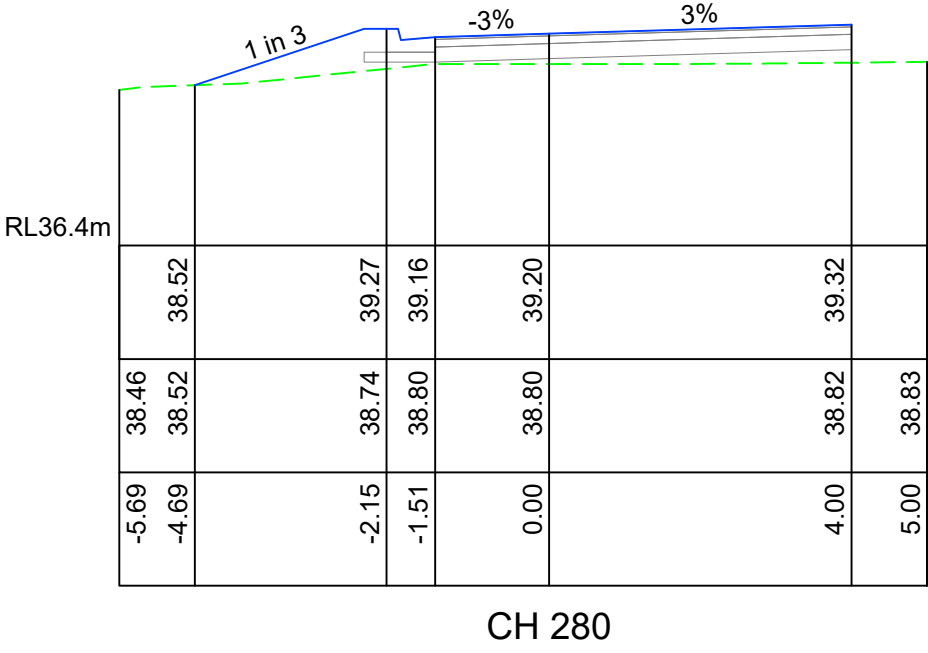
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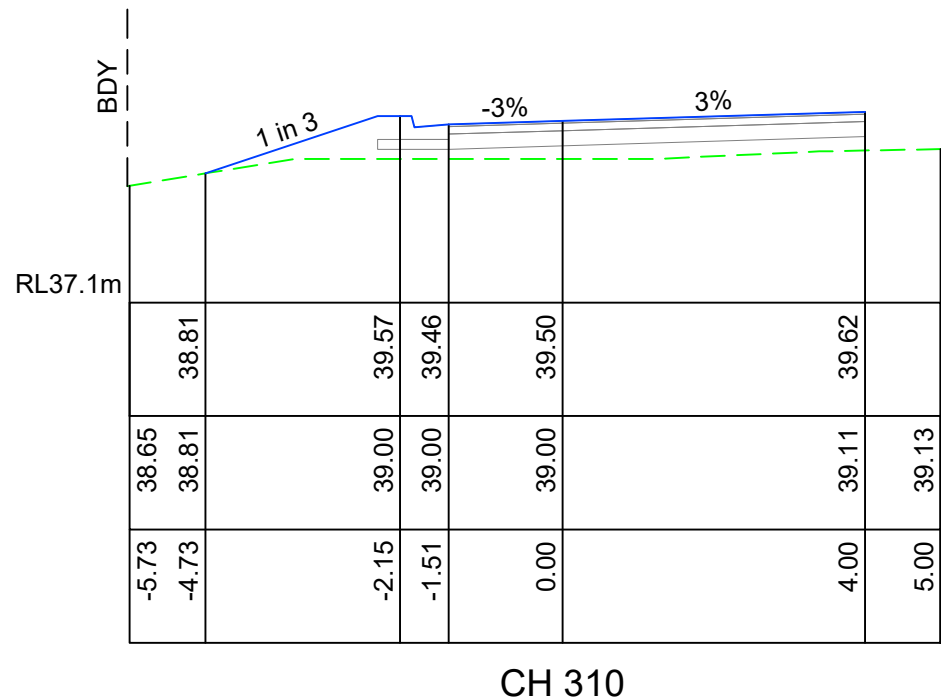
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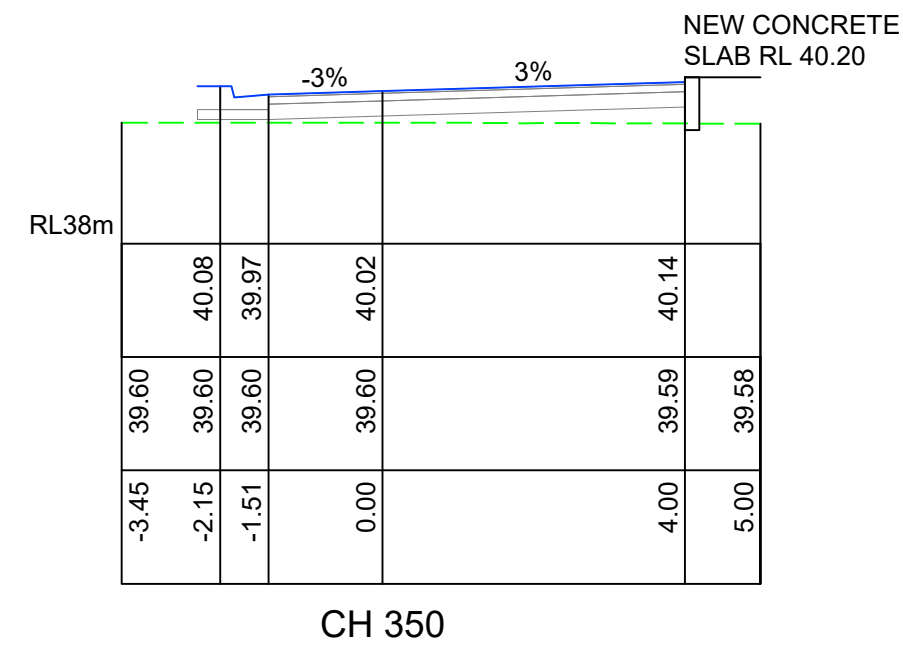
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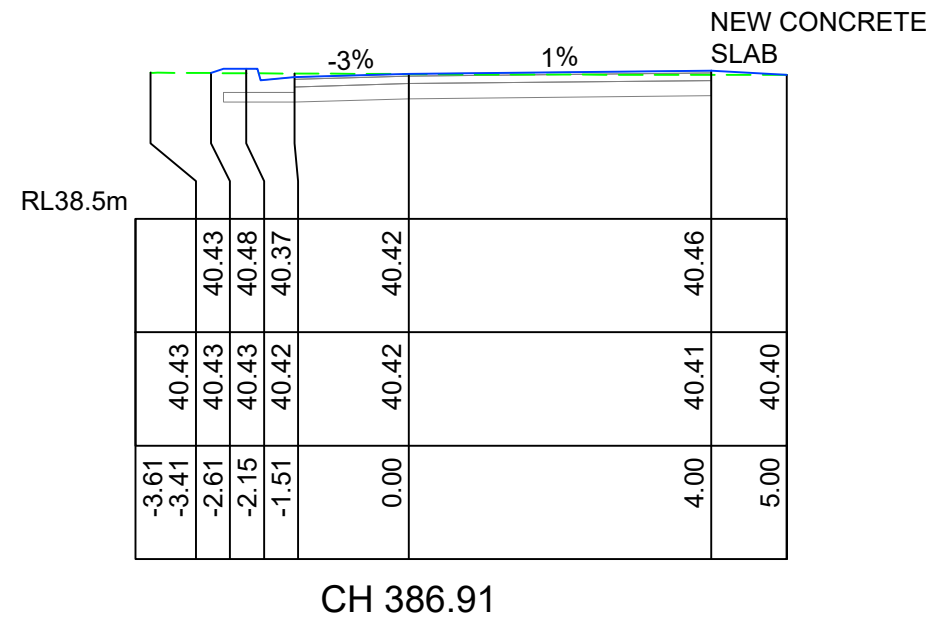
CH 280



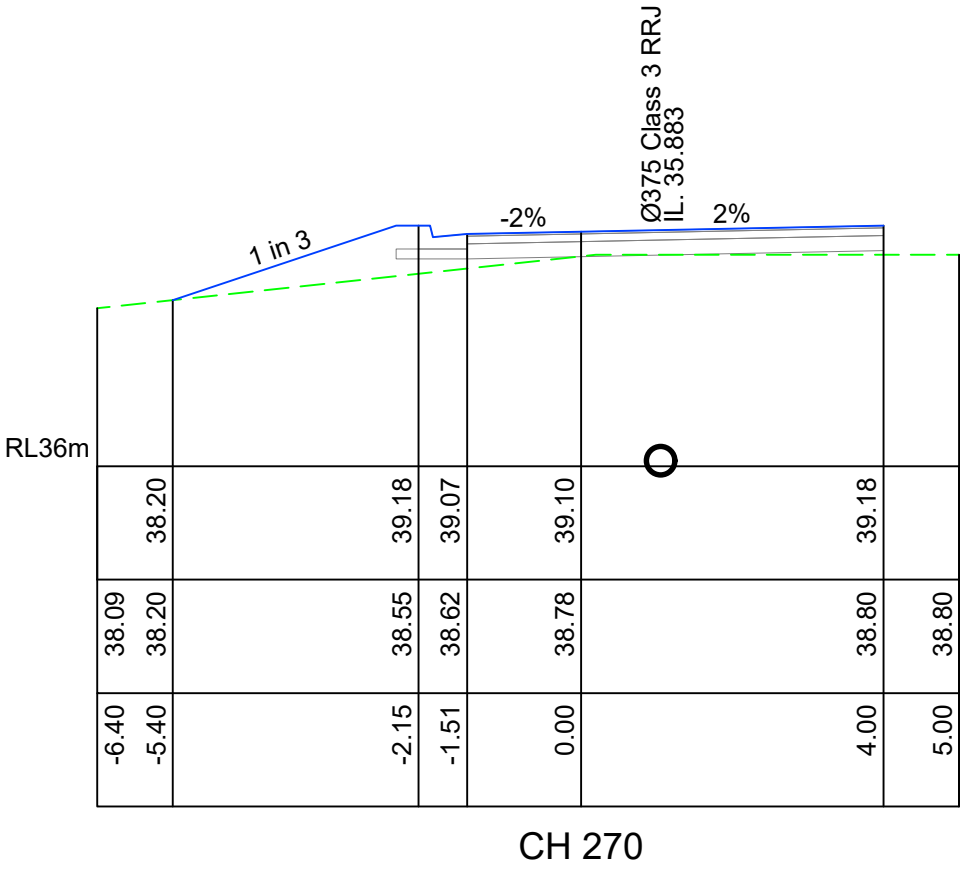
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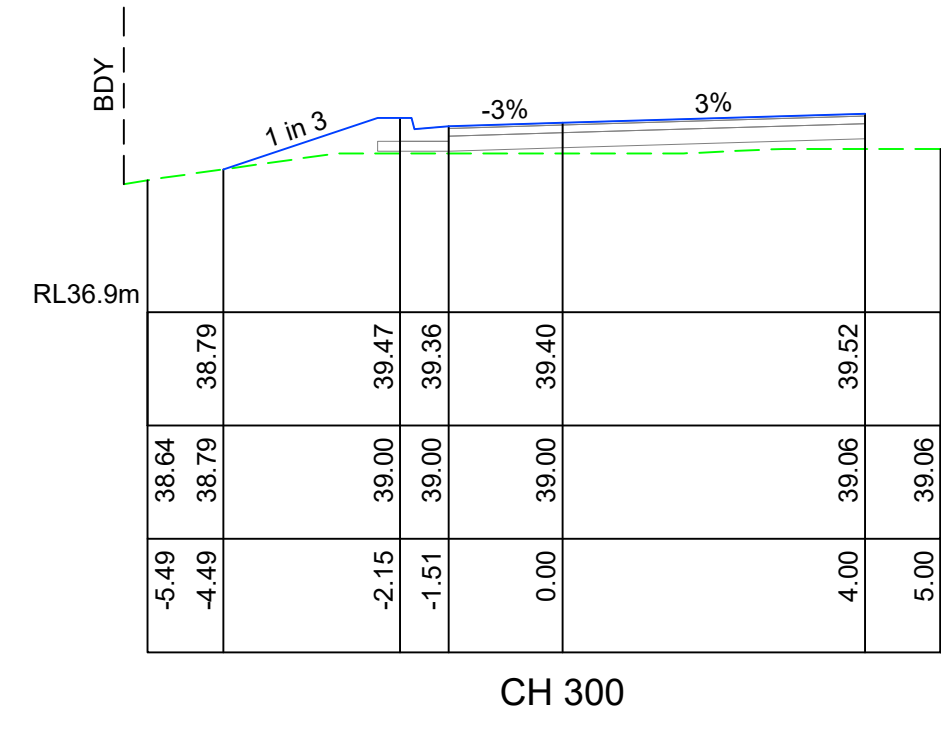
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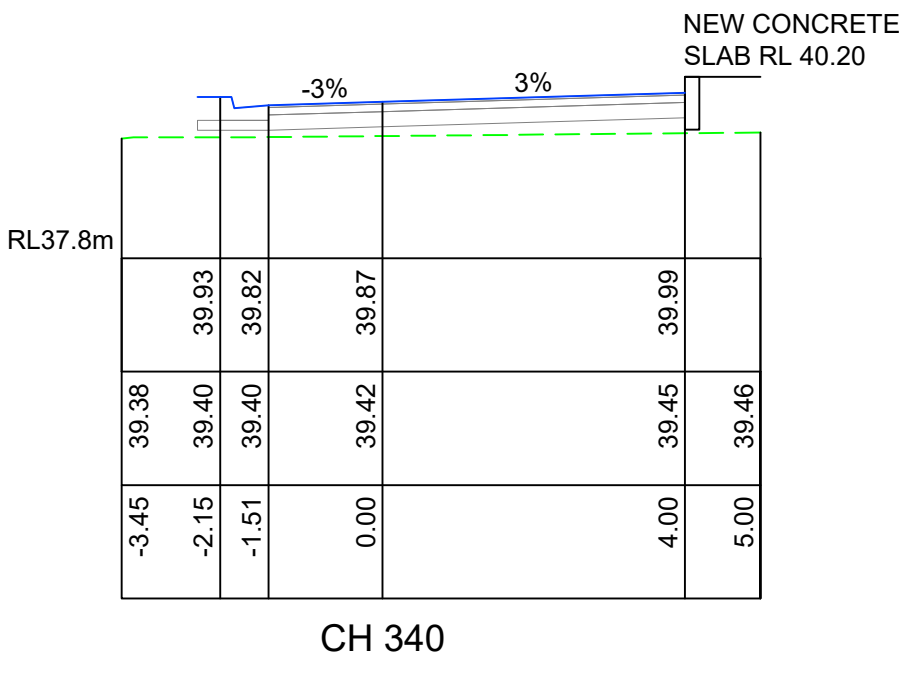
CH 386.91



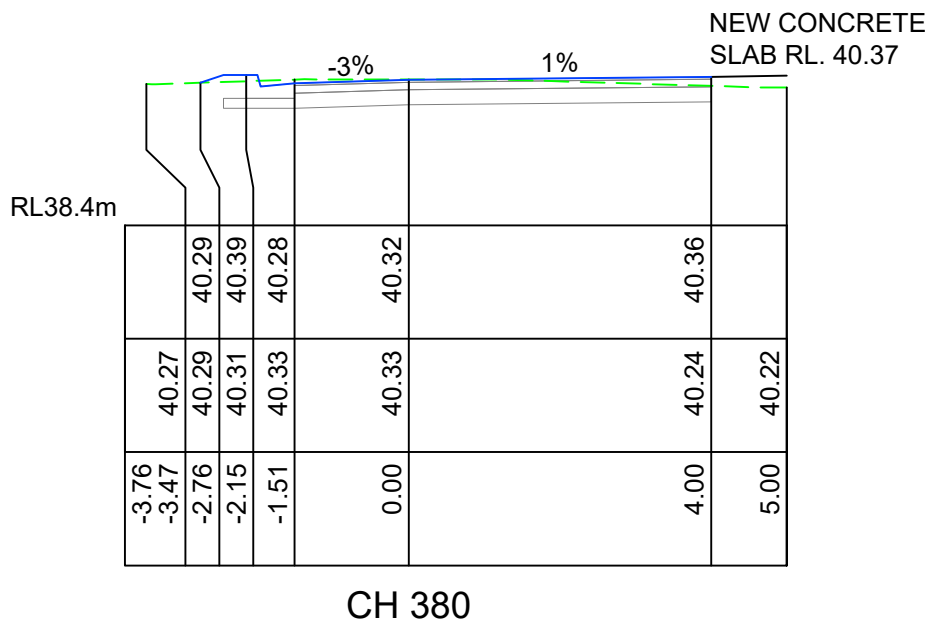
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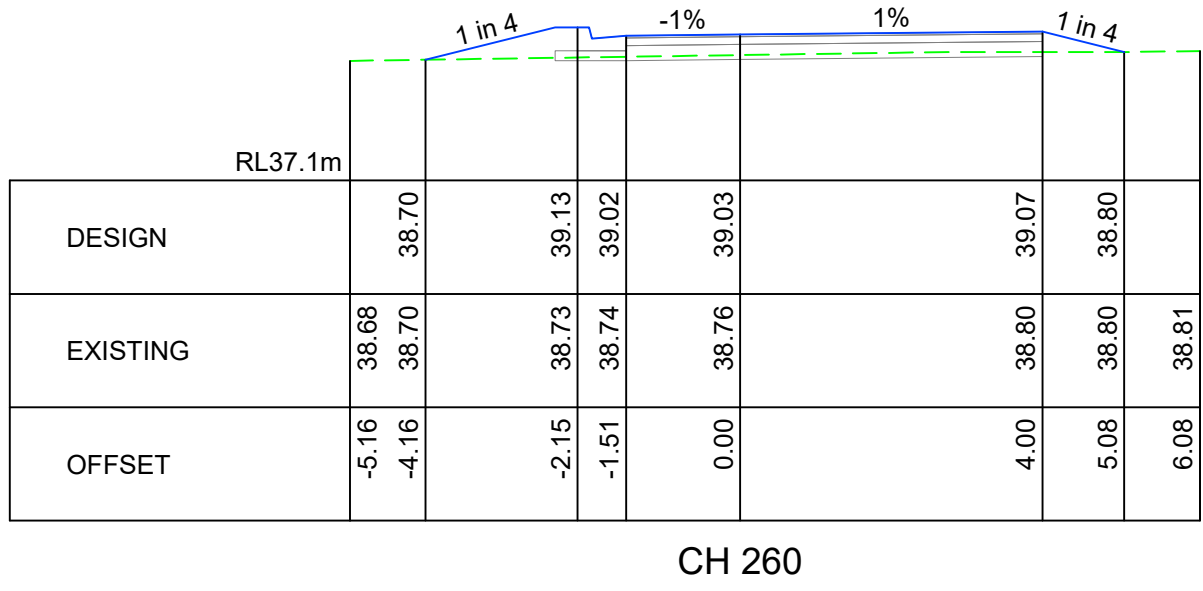
CH 300



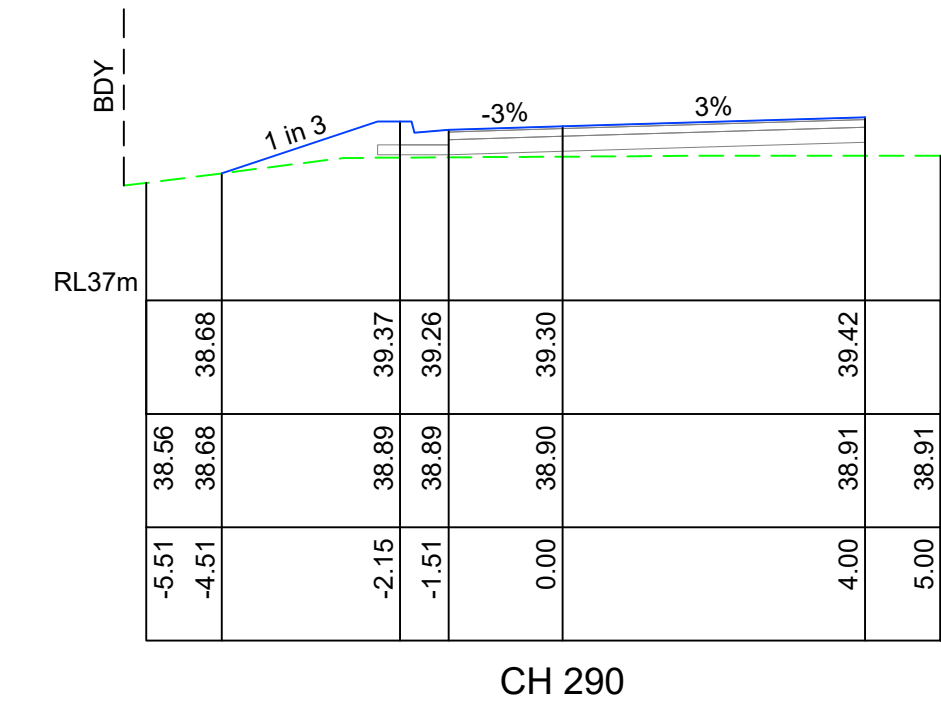
CH 340



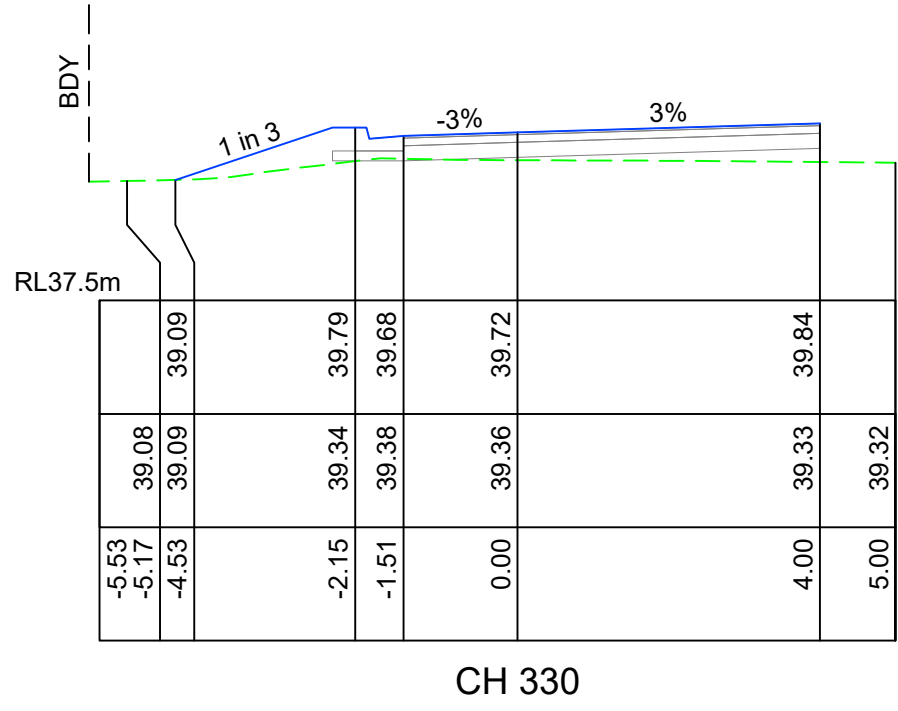
CH 380



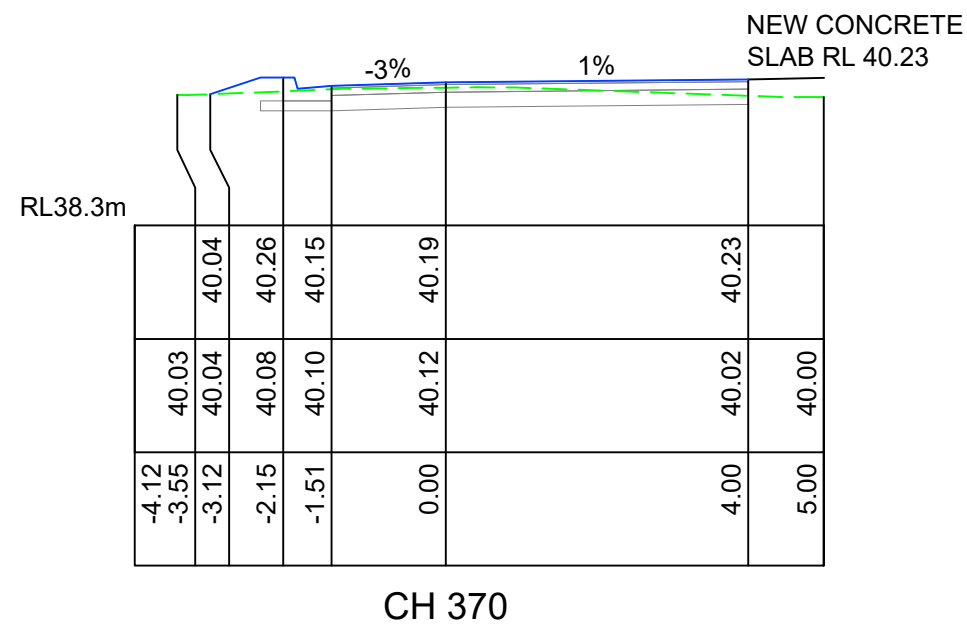
CH 260



CH 290



CH 330



CH 370



REV	AMENDMENT	ISSUED	DATE
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**57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS ROAD**

ACCESS DRIVEWAY 1 CROSS SECTIONS CH 260 - CH 386.910

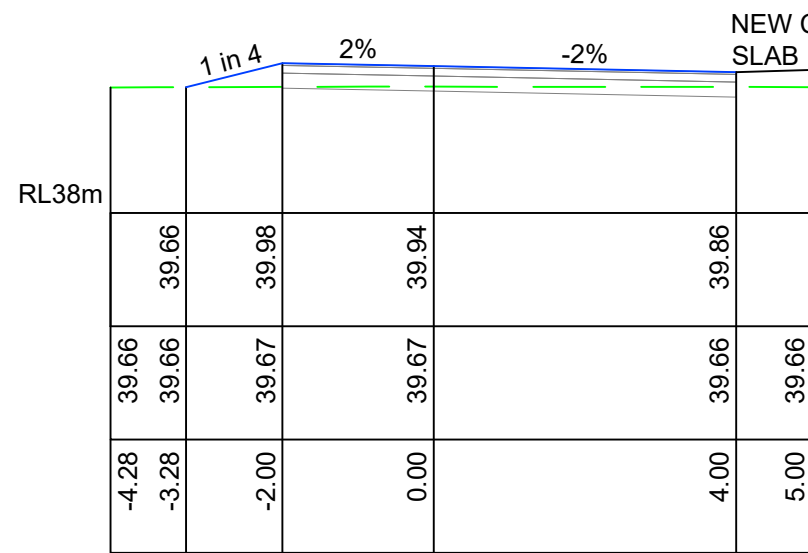
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Drawn: TW
Checked: AD

Scales: Plan -
Horiz. -
Vert. -
X-Sect. 1:100

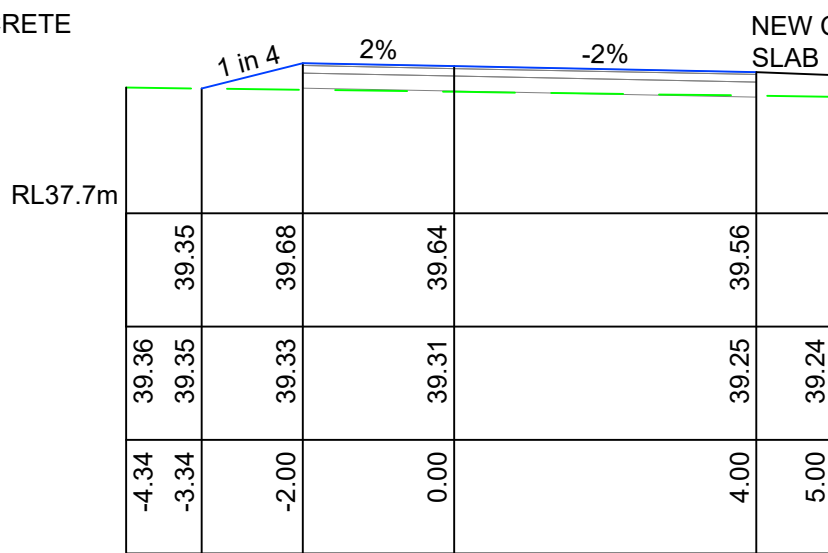
Datum: A.H.D.

Plan No.
CC160136-1-313
File Ref.
CC160136
REV.
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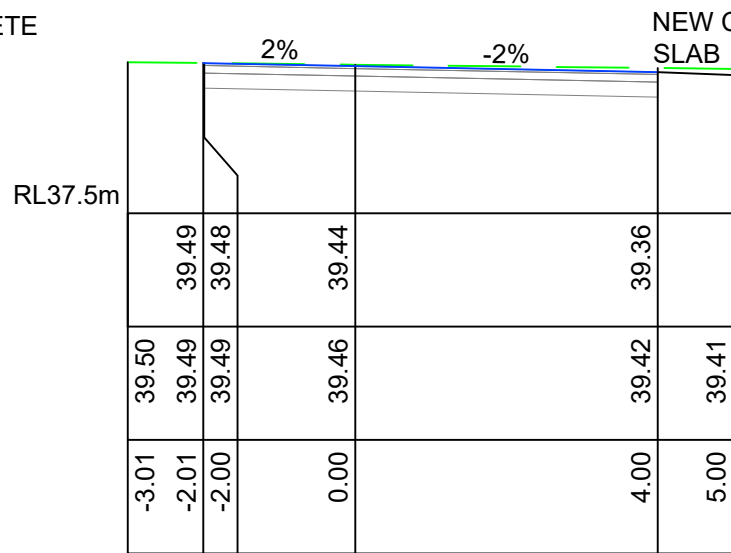
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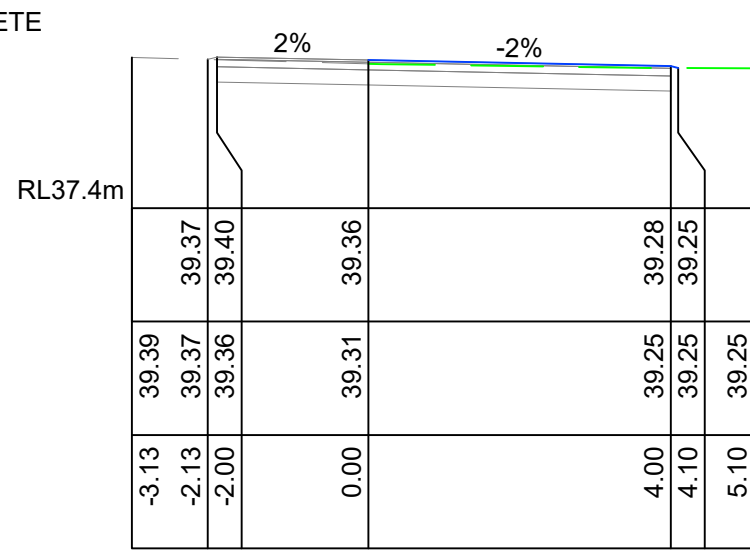
CH 30



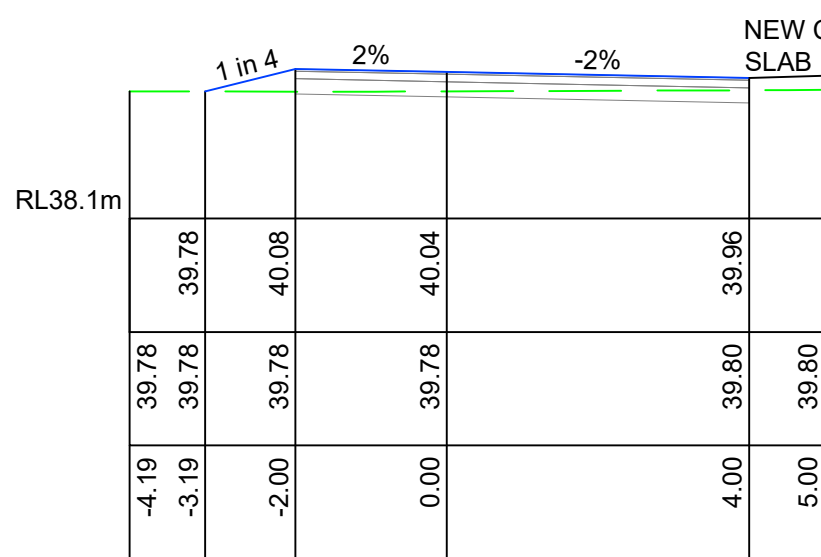
CH 70



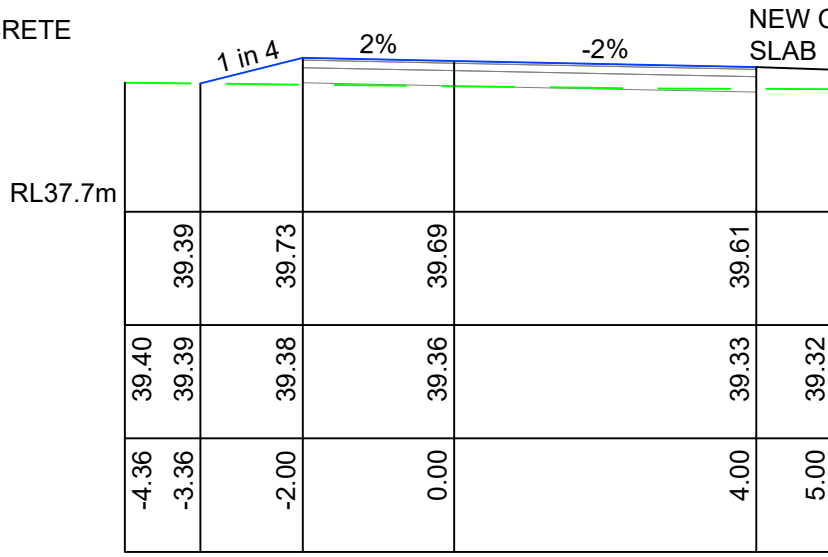
CH 110



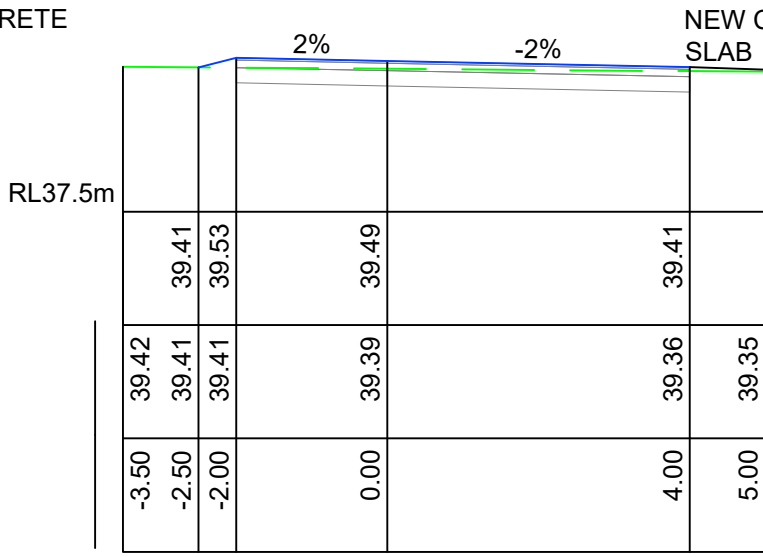
KTP CH 140



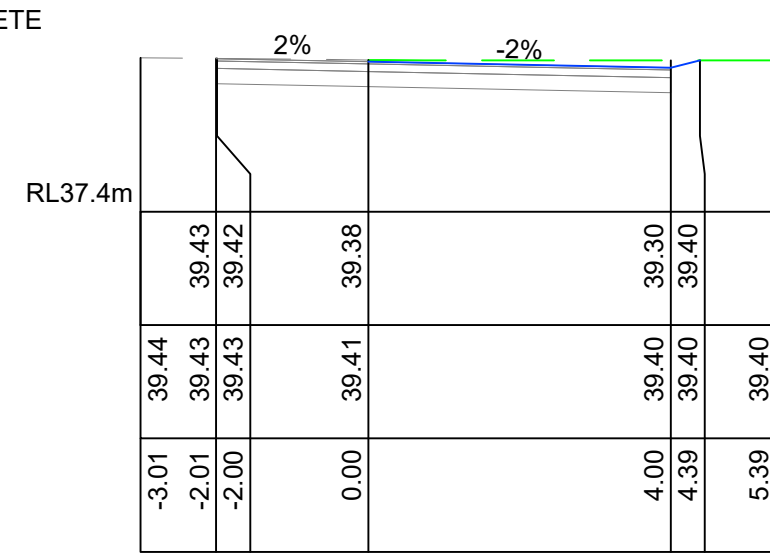
CH 20



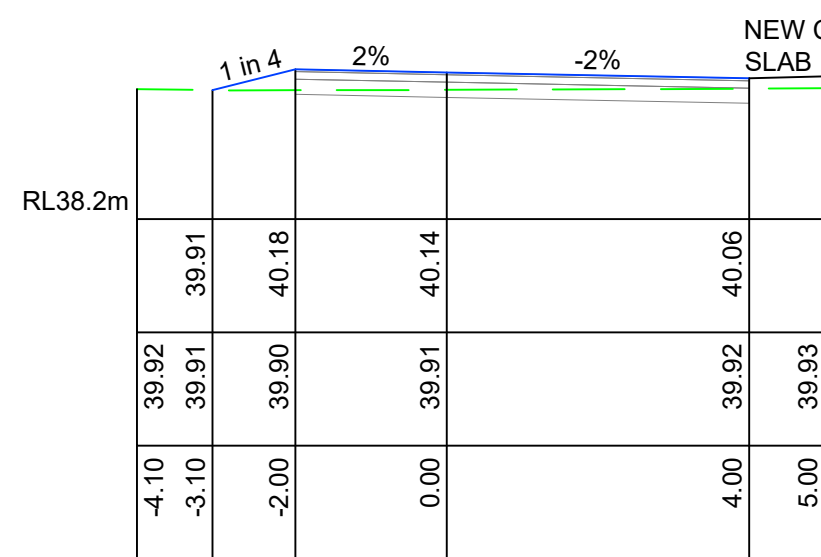
CH 60



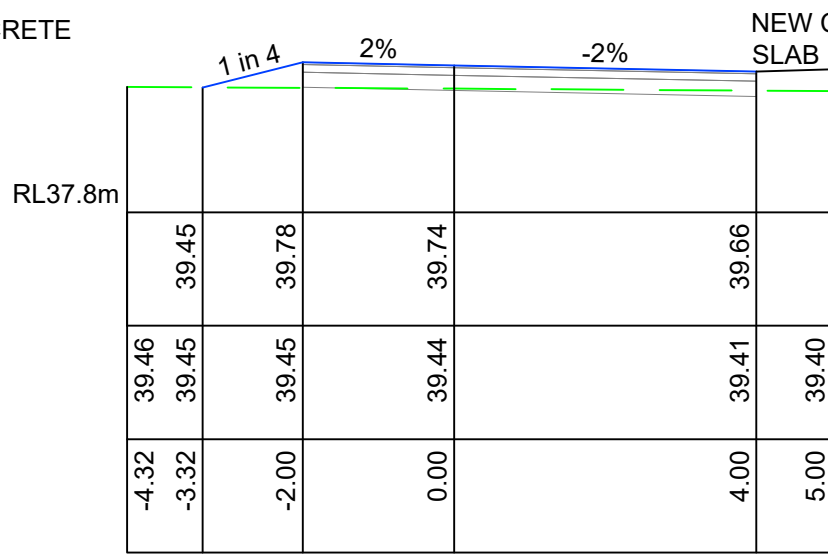
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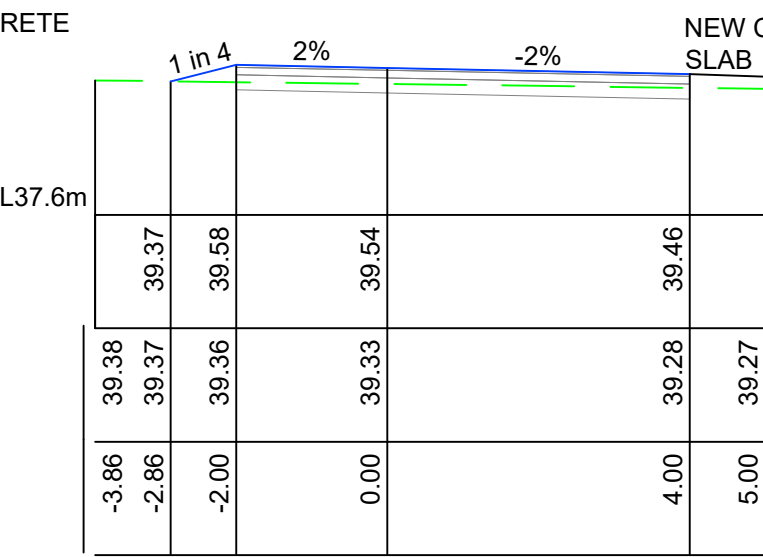
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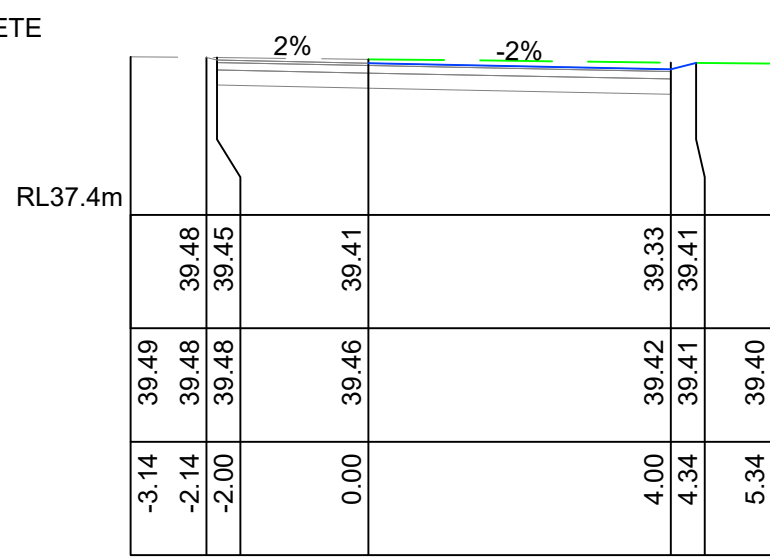
CH 10



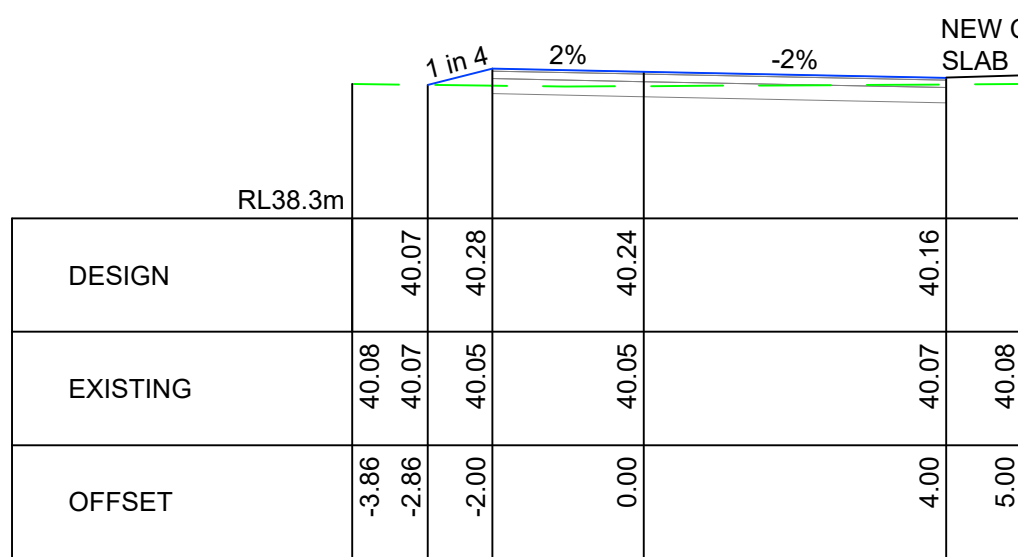
CH 50



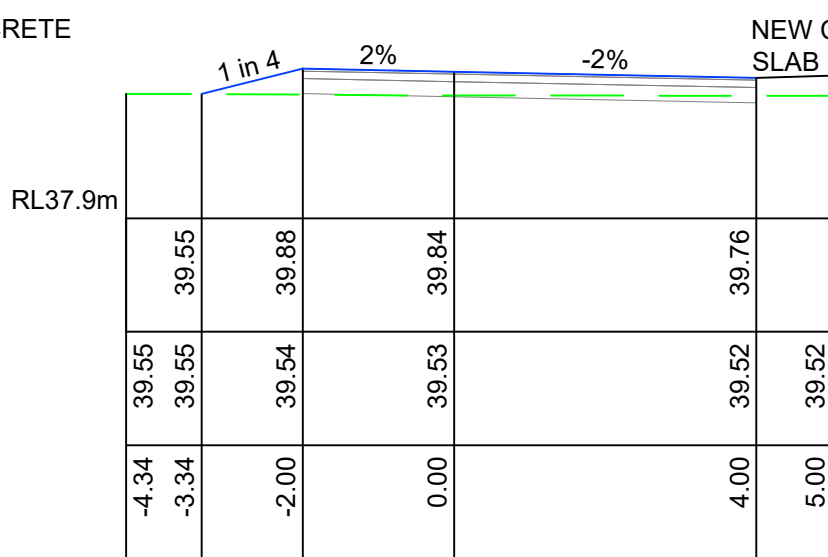
CH 90



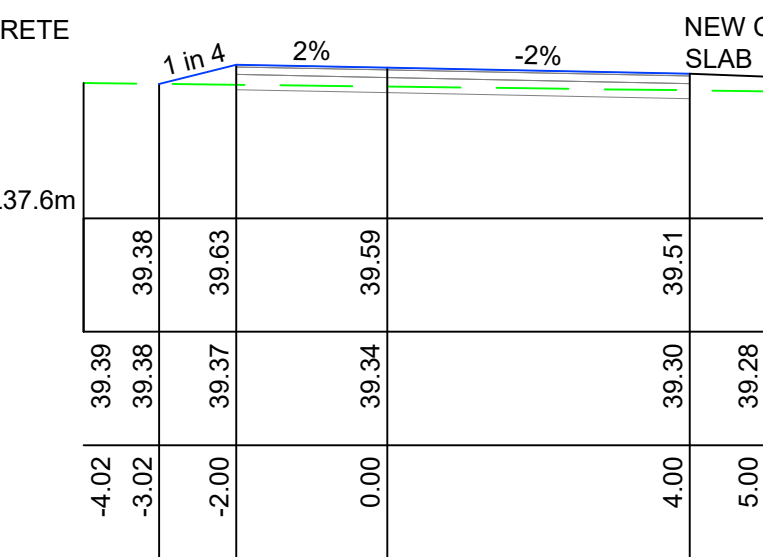
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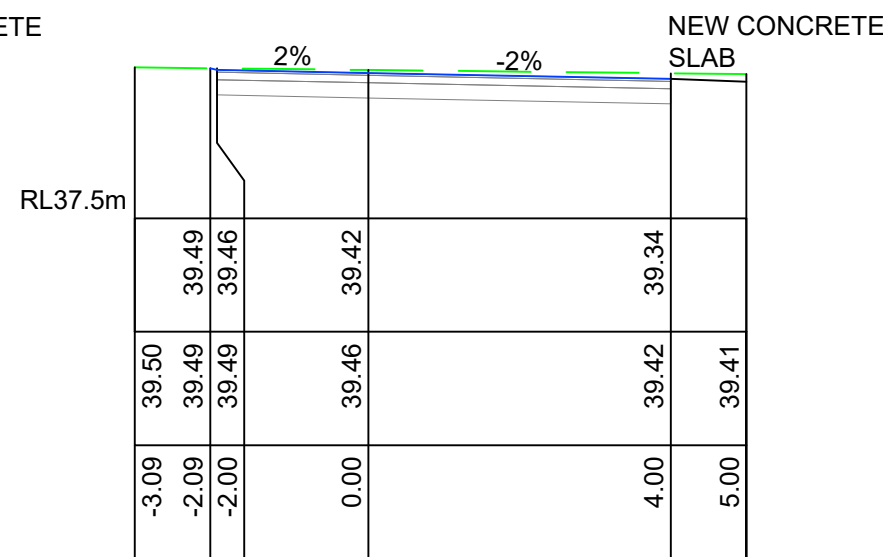
CH 0



CH 40



CH 80



KTP CH 113.89



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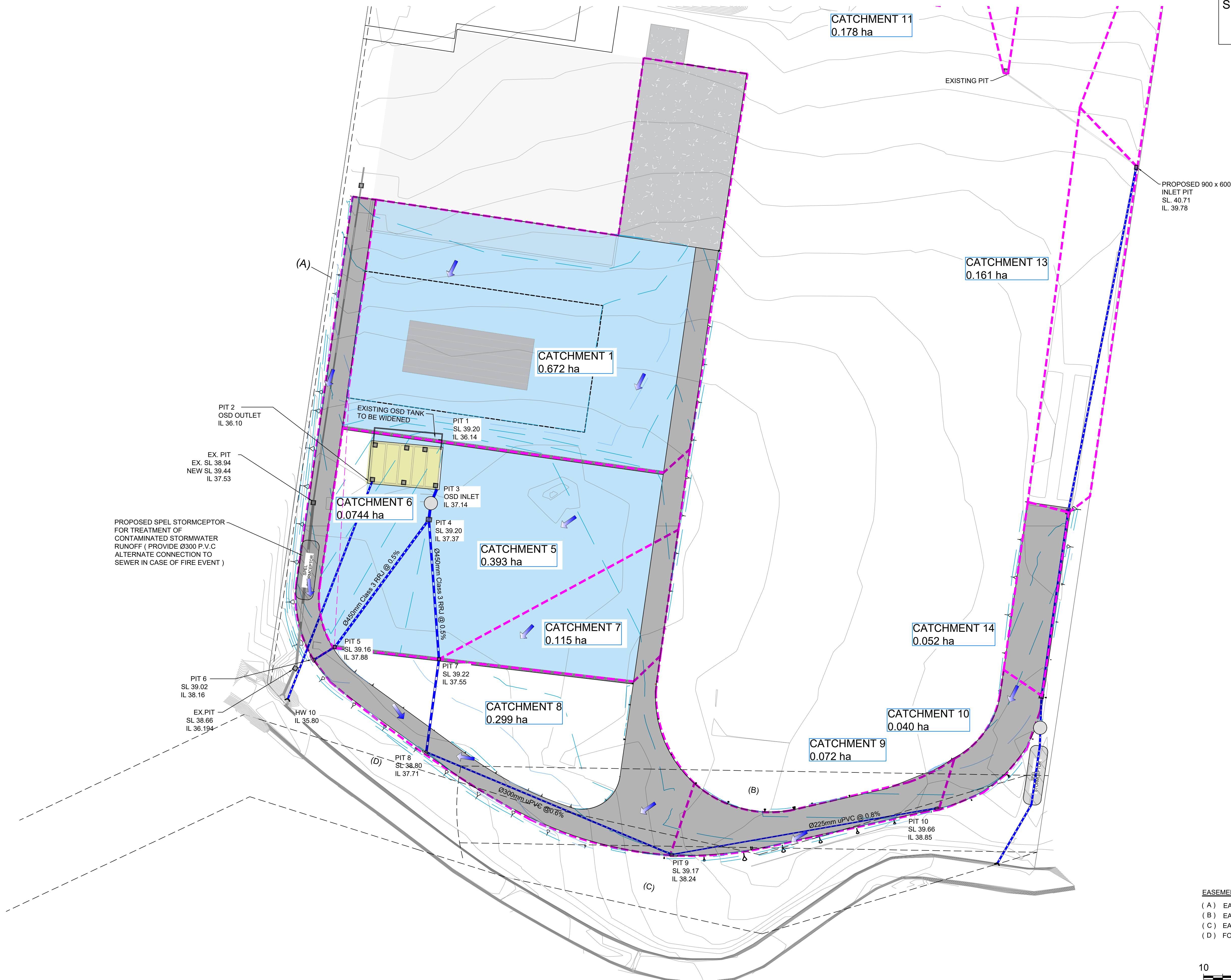
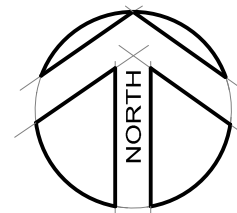
**57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS ROAD**

ACCESS DRIVEWAY 2 CROSS SECTIONS CH 0 - CH 140

Designed: TW
Drawn: TW
Checked: AD
Scales: Plan -
Horiz. -
Vert. -
X-Sect. 1:100
Datum: A.H.D.

Plan No.
CC160136-1-314
File Ref.
CC160136
REV.
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- EASEMENTS
- (A) EASEMENT FOR SEWERAGE & DRAINAGE 0.915 WIDE (VIDE H854441)
 - (B) EASEMENT FOR TRANSMISSION LINE 20.115 WIDE (VIDE H478705)
 - (C) EASEMENT FOR TRANSMISSION LINE 20.115 WIDE AND VARIABLE
 - (D) FORMER BANK OF CREEK



REV	AMENDMENT	ISSUED	DATE
A	PRELIMINARY ISSUE	TW	08/07/19



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**57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS ROAD**

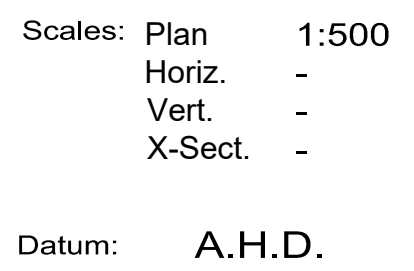
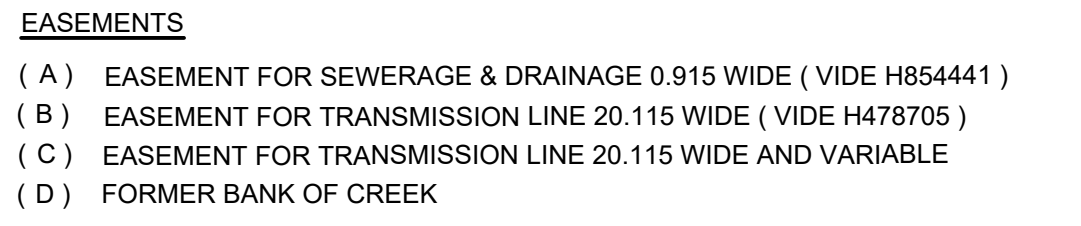
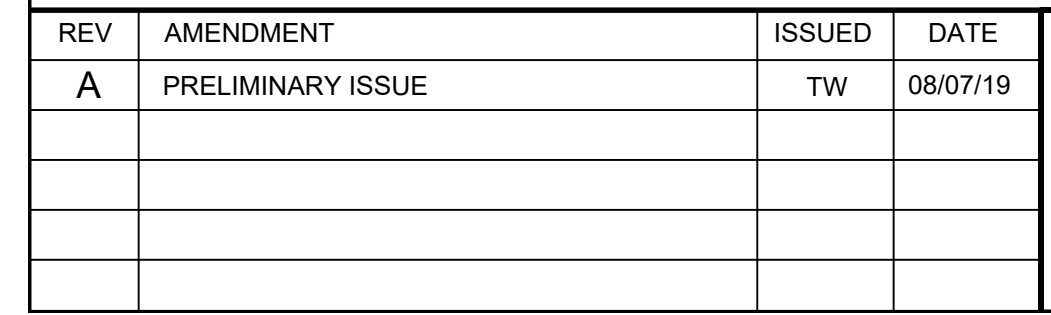
CATCHMENT PLAN

Designed: TW
Drawn: TW
Checked: AD

Scales: Plan 1:500
Horiz. -
Vert. -
X-Sect. -

Datum: A.H.D.

Plan No.
CC160136-1-501
File Ref.
CC160136 - DA SHEETS
REV.
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57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS ROAD

PROPOSED DRAINAGE WORKS

Designed: TW
Drawn: TW
Checked: AD

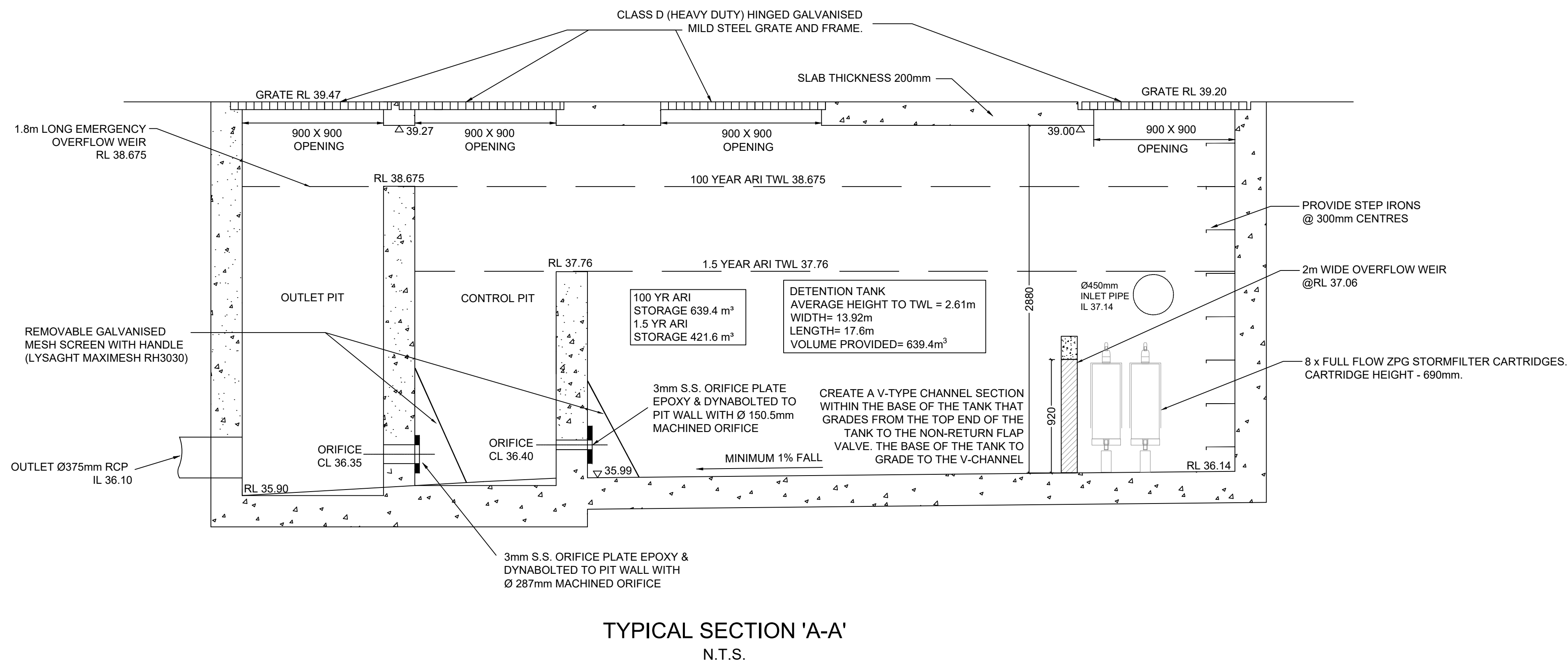
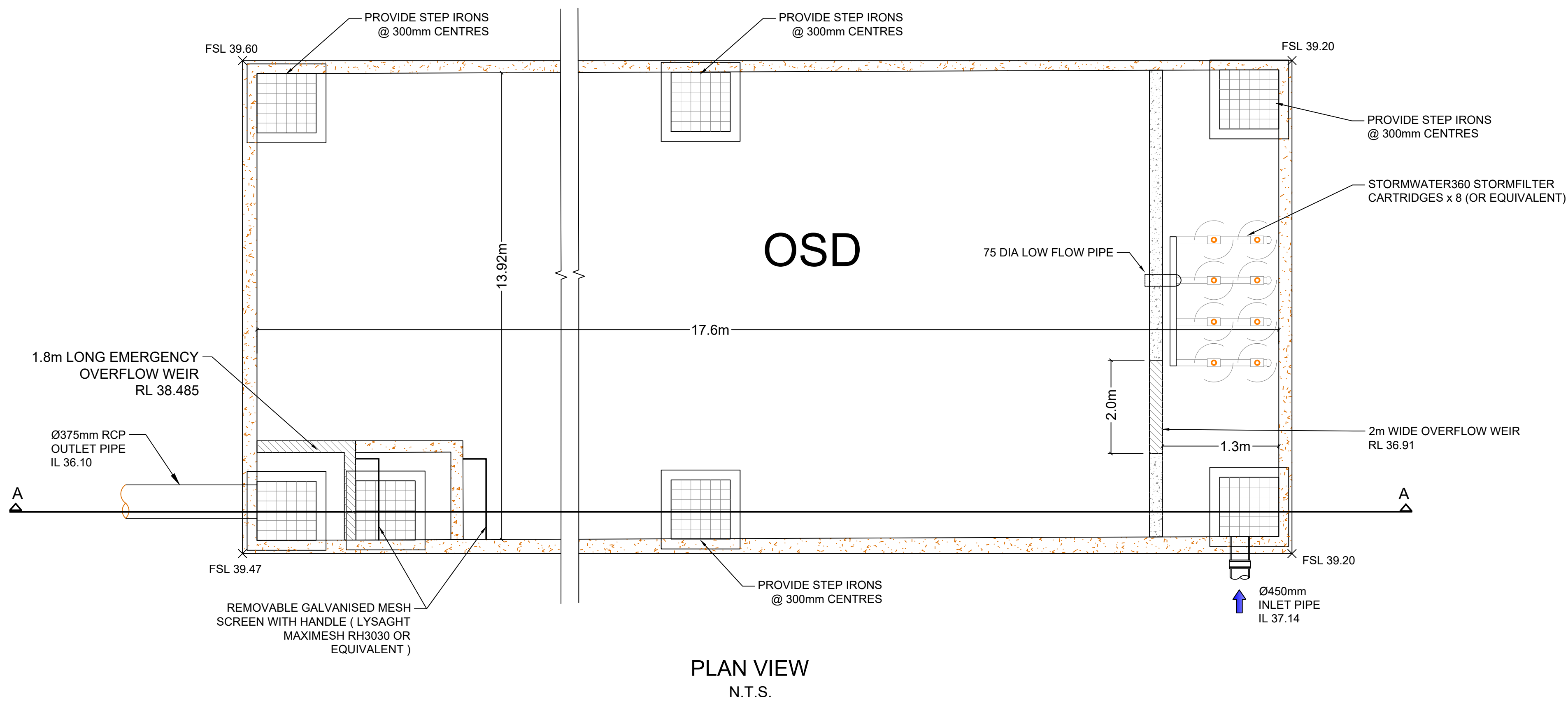
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Horiz. -
Vert. -
X-Sept. -

Datum: A.H.D.

Plan No.
CC160136-1-502

File Ref. REV.
CC160136 - DA SHEETS **A**

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**57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS ROAD**

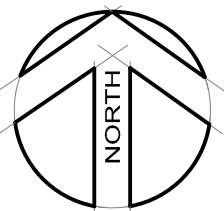
ON-SITE DETENTION TANK DETAILS

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Drawn: TW
Checked: AD

Scales: Plan N.T.S.
Horiz. -
Vert. -
X-Sect. N.T.S.

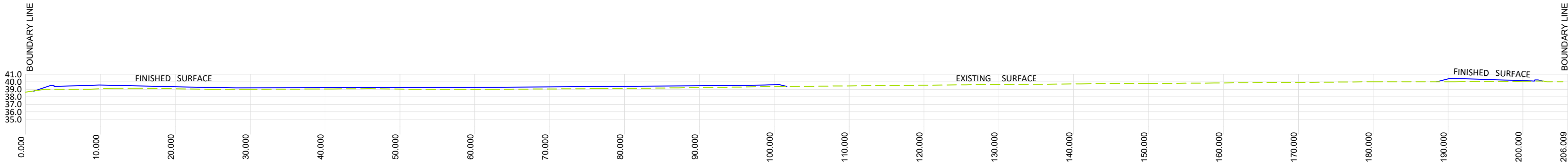
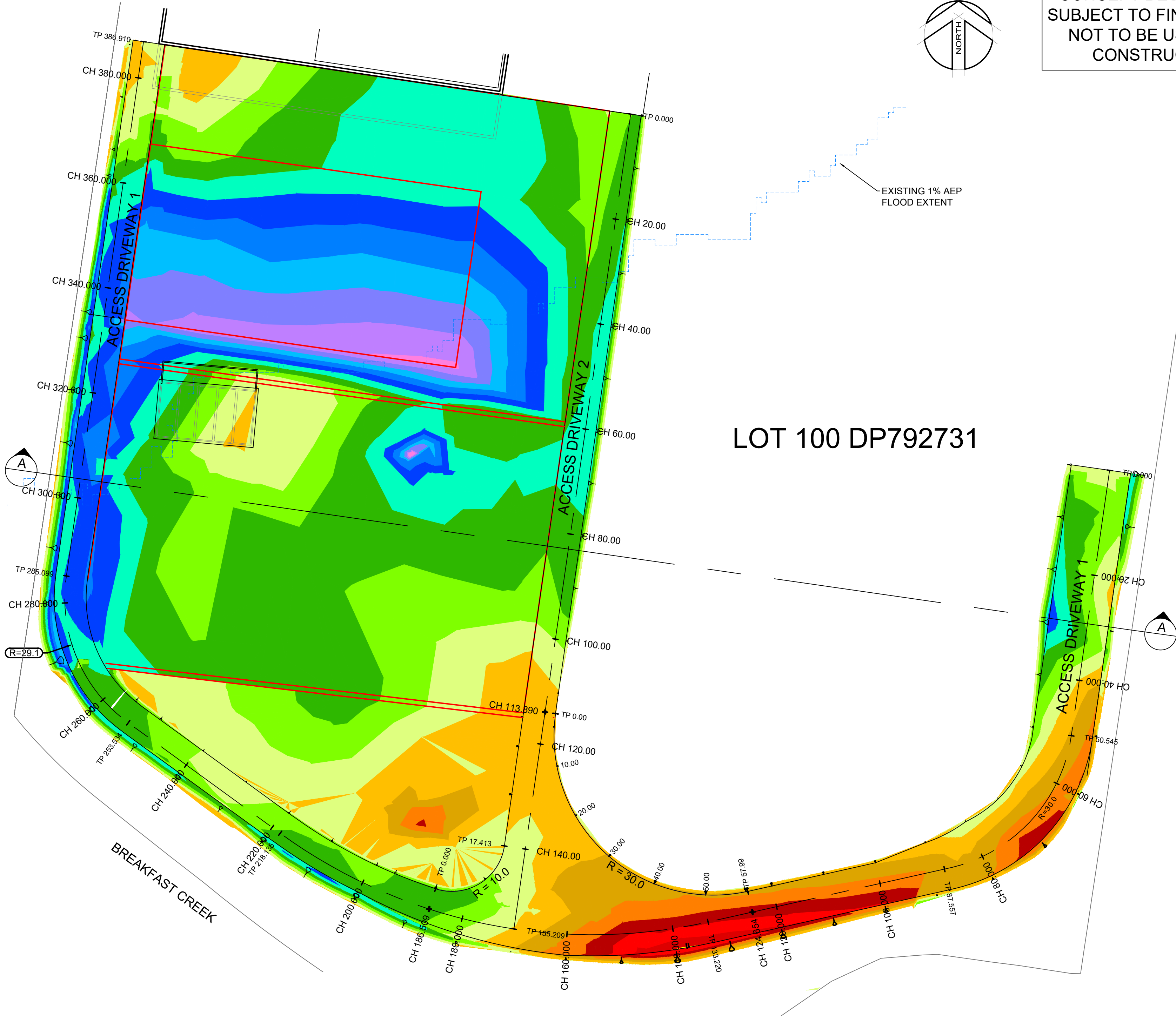
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Plan No.
CC160136-1-503
File Ref.
CC160136
REV.
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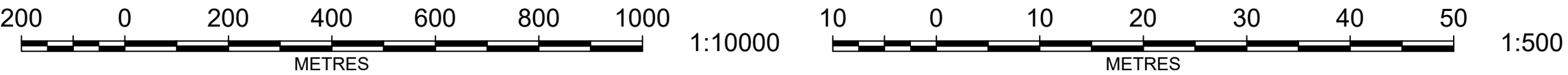
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Cut - Fill Depth					
No.	From Depth	To Depth	Colour	2D Area	Volume
1	-0.700	-0.600	Yellow	1m²	0.01m³
2	-0.600	-0.500	Red	34m²	1.28m³
3	-0.500	-0.400	Red	115m²	8.53m³
4	-0.400	-0.300	Red	204m²	24.32m³
5	-0.300	-0.200	Orange	376m²	51.89m³
6	-0.200	-0.100	Orange	611m²	102.46m³
7	-0.100	0.000	Yellow	1345m²	183.29m³
8	0.000	0.100	Yellow	2234m²	1287.26m³
9	0.100	0.200	Light Green	2475m²	1088.43m³
10	0.200	0.300	Green	3757m²	738.62m³
11	0.300	0.400	Light Green	2351m²	445.21m³
12	0.400	0.500	Blue	1183m²	275.26m³
13	0.500	0.600	Blue	736m²	176.32m³
14	0.600	0.700	Blue	597m²	113.29m³
15	0.700	0.800	Purple	530m²	57.20m³
16	0.800	0.900	Purple	294m²	13.48m³
17	0.900	1.000	Pink	18m²	0.18m³



Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
CUT & FILL VOLUME	1.000	1.000	16861.26sq.m	371.78 Cu. M.	4195.26 Cu. M.	3823.47 Cu. M.<Fill>
Totals			16861.26sq.m	371.78 Cu. M.	4195.26 Cu. M.	3823.47 Cu. M.<Fill>



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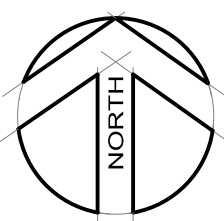
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**57-69 TATTERSALL RD, KINGS PARK
INTERNAL ACCESS ROAD**

SITE CUT FILL PLAN & CROSS SECTION

Designed: MB
Drawn: MB
Checked: AD
Scales: Plan 1:500
Horiz. 1:1000
Vert. 1:1000
X-Sect. 1:1000
Datum: A.H.D.

Plan No.
CC160136-1-504
File Ref.
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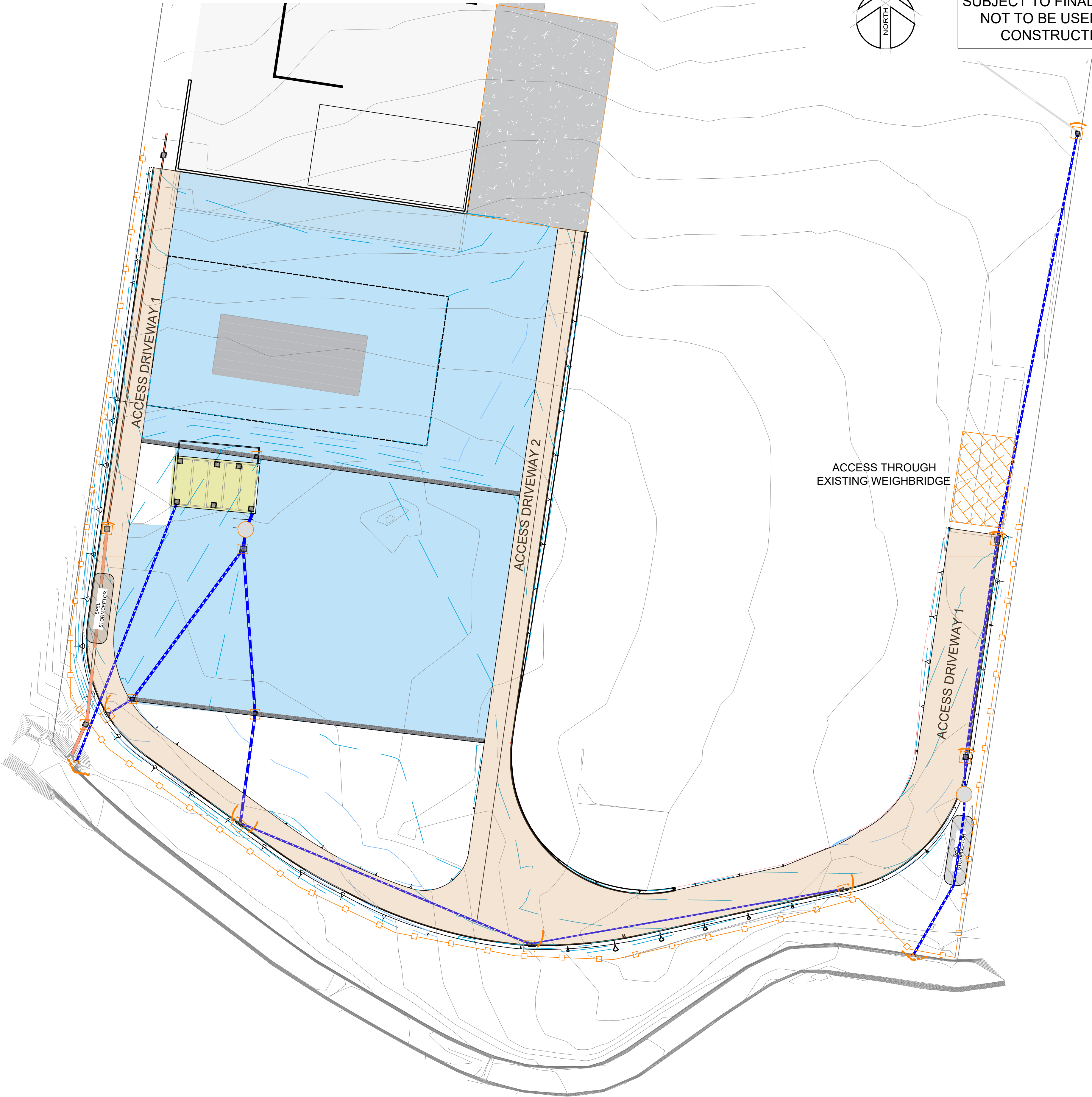
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CONSTRUCTION

LEGEND

- SEDIMENT FENCE
- STABILISED SITE ACCESS AT ENTRANCE TO WORKS
- SURFACE INLET PIT SEDIMENT TRAP - DURING CONSTRUCTION
- HAY BALE SEDIMENT TRAP
- MESH AND GRAVEL SAUSAGE BARRIER AROUND EXISTING PITS & AFTER CONSTRUCTION OF NEW PITS

EROSION AND SEDIMENTATION CONTROL NOTES

1. PRIOR TO THE COMMENCEMENT OF SITE DISTURBANCE, THE CONTRACTOR SHALL ESTABLISH ALL NECESSARY EROSION AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THIS PLAN, COUNCIL'S "CIVIL WORKS SPECIFICATION, PART 2 -CONSTRUCTION", AND THE NSW DEPARTMENT OF HOUSING'S PUBLICATION "MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION".
2. THE LOCATION OF EROSION AND SEDIMENTATION CONTROL DEVICES SHOWN ON THIS PLAN ARE INDICATIVE ONLY AND SHOULD BE ADJUSTED TO SUIT SITE CONDITIONS.
3. WHERE WORKS ARE DELAYED OR IN ABEYANCE AND DISTURBED AREAS ARE LIKELY TO BE EXPOSED FOR A PERIOD OF TWO MONTHS OR MORE, TEMPORARY REHABILITATION WORKS SHALL BE UNDERTAKEN TO PROTECT THE SITE.
4. SANDBAGS SHALL BE PLACED ACROSS THE END OF ROAD CONSTRUCTION AT THE COMPLETION OF EACH DAYS WORK TO PREVENT EROSION OF THE CONSTRUCTED MATERIAL..
5. THE CONTRACTOR SHALL CONDUCT WEEKLY INSPECTIONS OF THE SITE TO ENSURE THAT ALL DEVICES AND REHABILITATION AREAS HAVE BEEN ADEQUATELY MAINTAINED, THE CONTRACTOR SHALL ALSO KEEP A LOG BOOK DETAILING SUCH INSPECTIONS, AND RECORDING RAINFALL EVENTS AND OTHER RELEVANT EVENTS.
6. TOPSOIL SHALL BE STOCKPILED IN THE LOCATIONS SHOWN ON THIS PLAN OR AS DIRECTED BY COUNCIL'S ENGINEER. WHERE IT IS LIKELY THAT STOCKPILES WILL REMAIN IN PLACE FOR A PERIOD EXCEEDING 4 WEEKS, THEN THE STOCKPILE SHALL BE STABILISED BY SEEDING OR EQUIVALENT METHODS.
7. THE MOVEMENT OF VEHICULAR TRAFFIC ON THE SITE SHALL BE CONFINED TO DESIGNATED AREAS DURING CONSTRUCTION WORKS. VEHICULAR ACCESS SHALL BE DENIED TO AREAS TO BE LEFT UNDISTURBED.
8. SITE ACCESS SHALL BE LIMITED TO THE LOCATIONS SHOWN ON THIS PLAN. SHAKE-DOWN AREAS SHALL BE CONSTRUCTED AS SHOWN.
9. DURING CONSTRUCTION WORKS, DUST CONTROL MEASURES SHALL BE IMPLEMENTED TO MINIMISE THE AMOUNT OF DUST GENERATED FROM THE SITE. THESE MEASURES TO BE IMPLEMENTED TO COUNCIL'S SATISFACTION.
10. MAINTENANCE AND CLEANING OF CONSTRUCTION PLANT SHALL BE CARRIED OUT IN AN AREA WHERE RUNOFF CAN BE CONTAINED AND APPROPRIATELY TREATED AND DISPOSED OF.
11. ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE ADEQUATELY REGENERATED. THIS STAGE SHALL BE DETERMINED BY THE CERTIFIER.



EROSION & SEDIMENT CONTROL PLAN

SCALE 1:500



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INTERNAL ACCESS ROAD

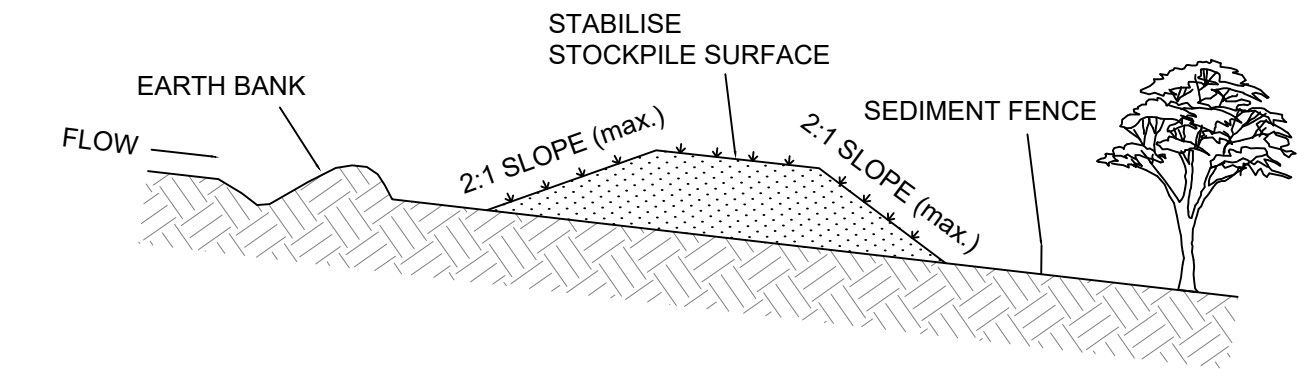
EROSION AND SEDIMENT CONTROL PLAN

Designed: TW
Drawn: TW
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Horiz. -
Vert. -
X-Sect. -

Datum: A.H.D.

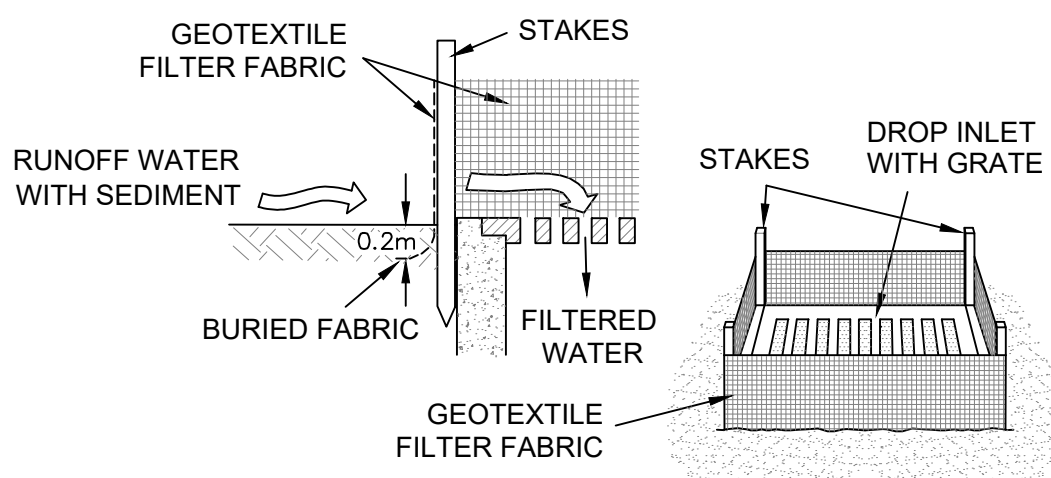
Plan No.
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File Ref.
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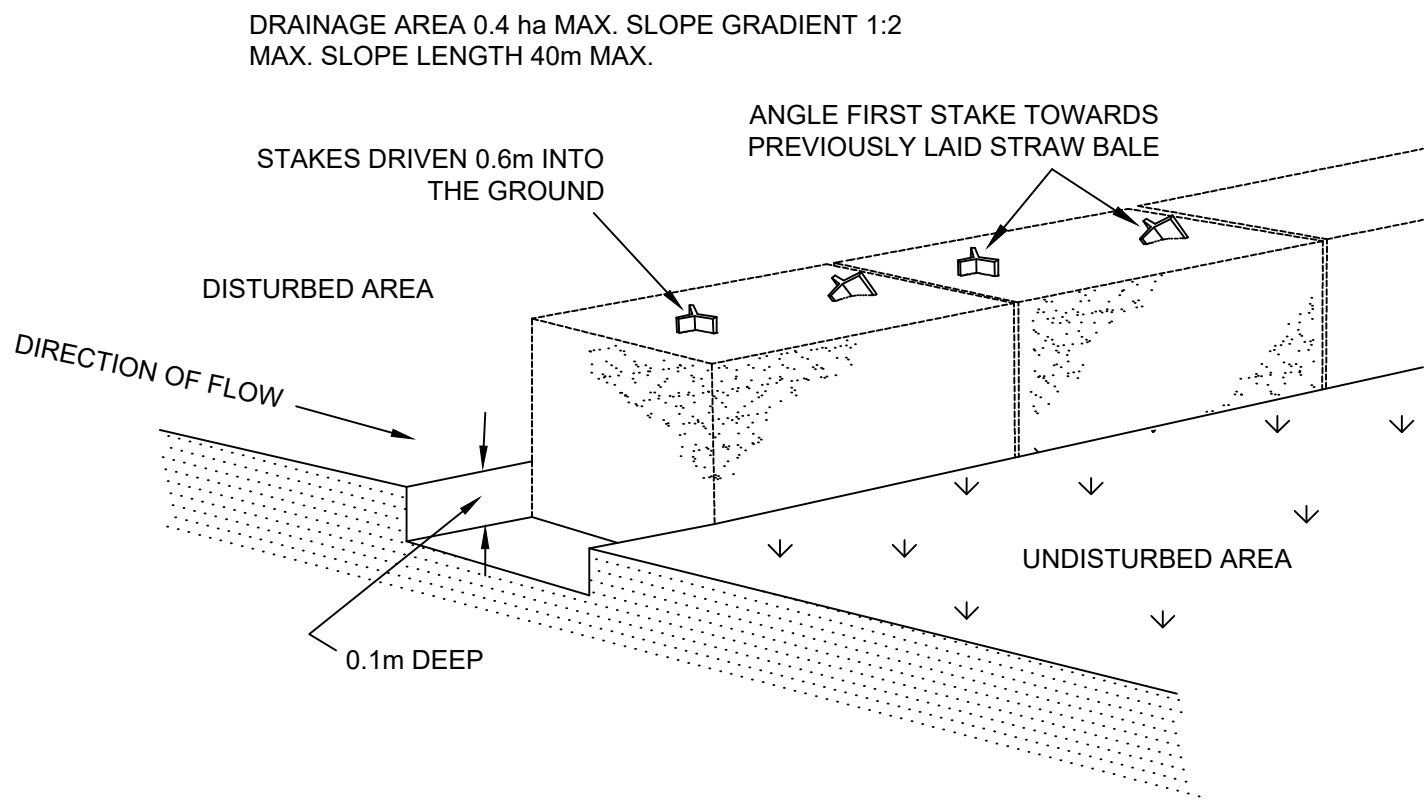
CONSTRUCTION NOTES

- 1. WHERE POSSIBLE LOCATE STOCKPILE AT LEAST 5 METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOWS, ROADS, HAZARD AREAS AND MIN. 1.5m AWAY FROM EMBANKMENTS.
- 2. CONSTRUCT ON THE CONTOUR AS A LOW, FLAT ELONGATED MOUND.
- 3. WHERE THERE IS SUFFICIENT AREA TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
- 4. REHABILITATE IN ACCORDANCE WITH THE SWMP/ESCP.
- 5. CONSTRUCT EARTH BANK (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT RUN OFF AROUND THE STOCKPILE AND A SEDIMENT FENCE (STANDARD DRAWING 6-8) 1 TO 2 METRES DOWNSLOPE OF STOCKPILE.

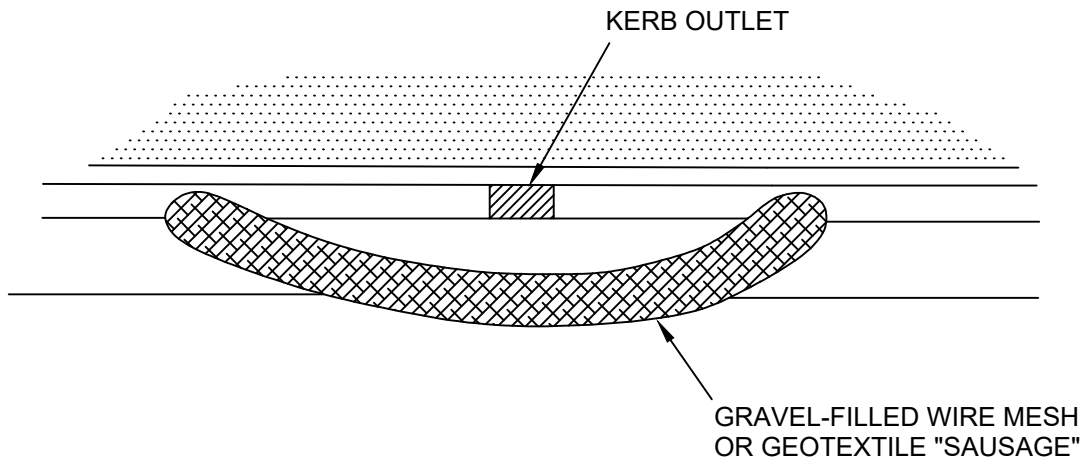
TOPSOIL STOCKPILE



SURFACE INLET PIT SEDIMENT TRAP



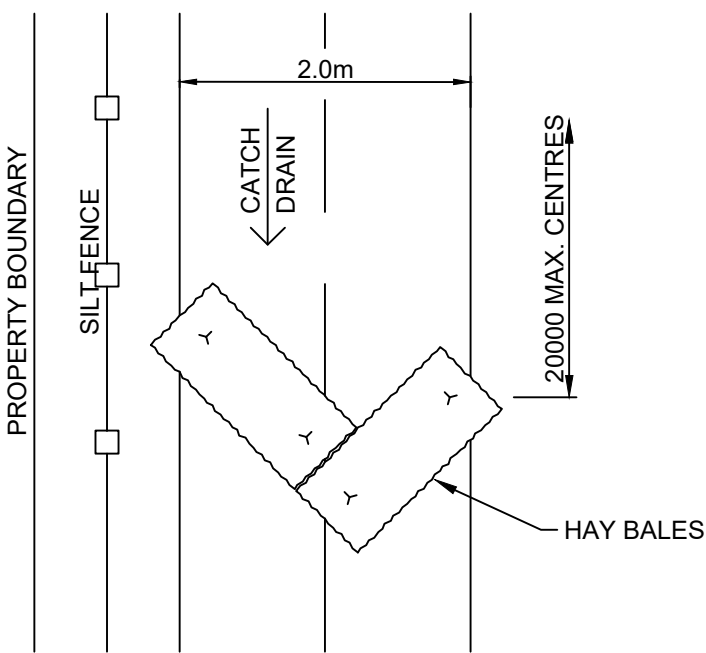
STRAW BALE SEDIMENT FILTER



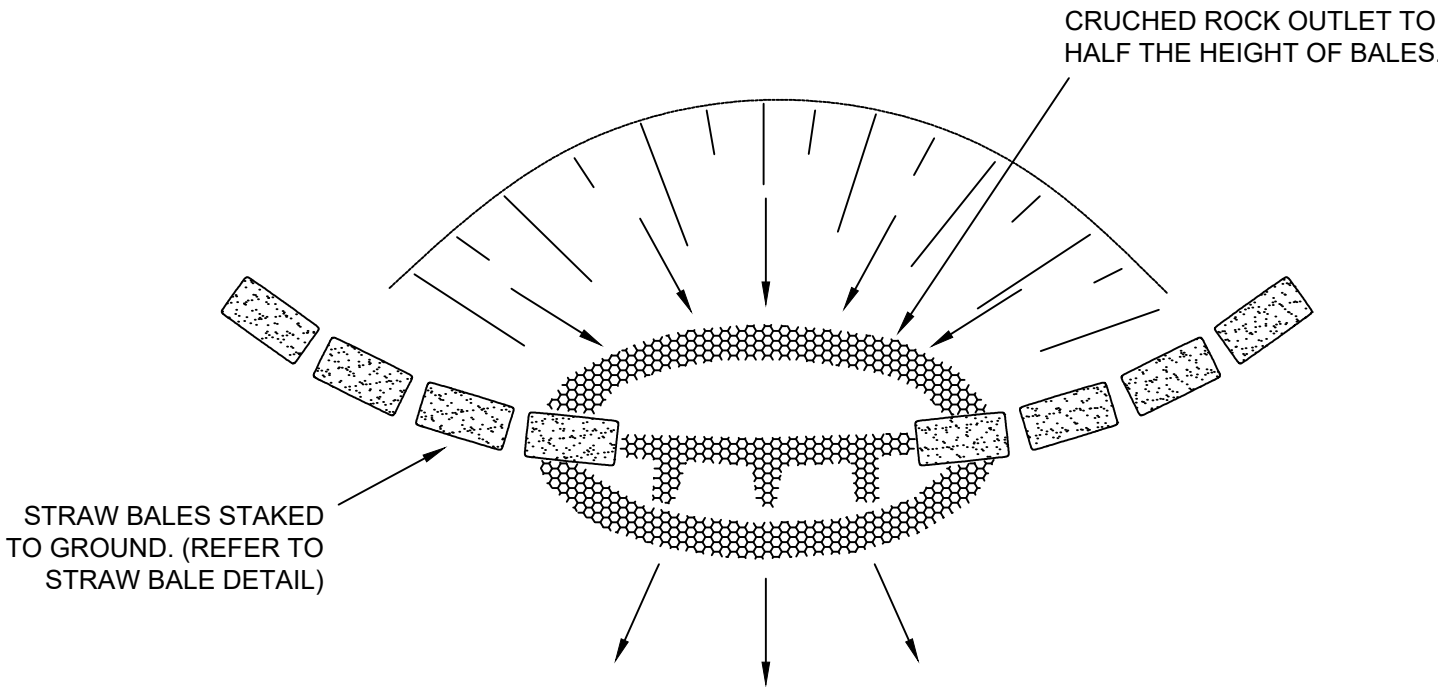
CONSTRUCTION NOTES

- 1. FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH AND FILL IT WITH 25mm TO 50mm GRAVEL.
- 2. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH X 400mm WIDE.
- 3. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING FILTER.
- 4. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.

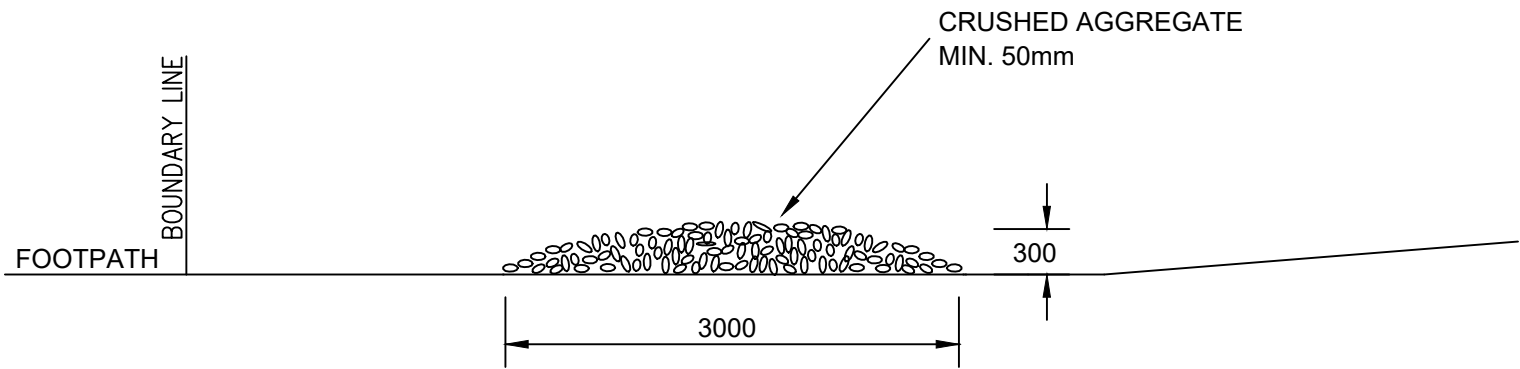
MESH & GRAVEL FILTER "SAUSAGE" BARRIER



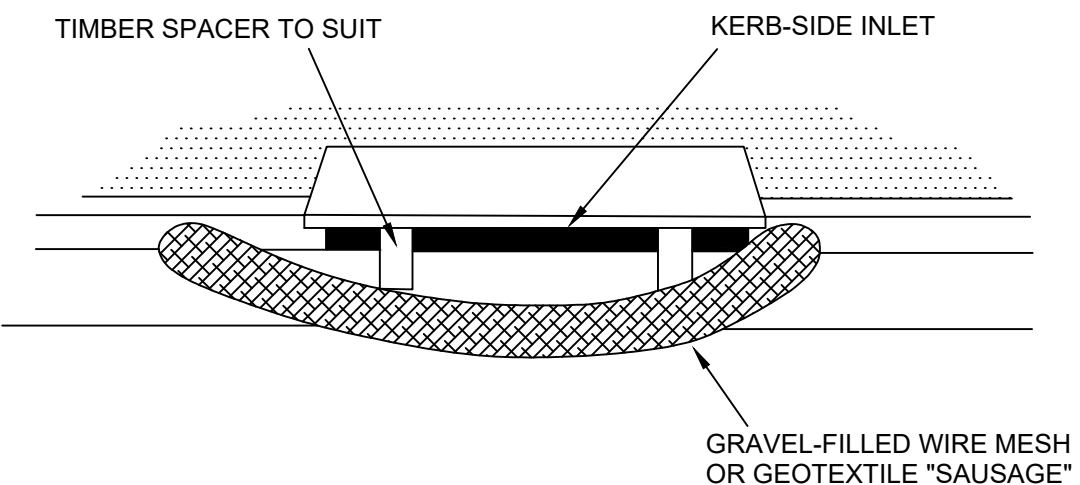
CATCH DRAIN DETAIL



STRAW BALE & CRUSHED ROCK SEDIMENT FILTER



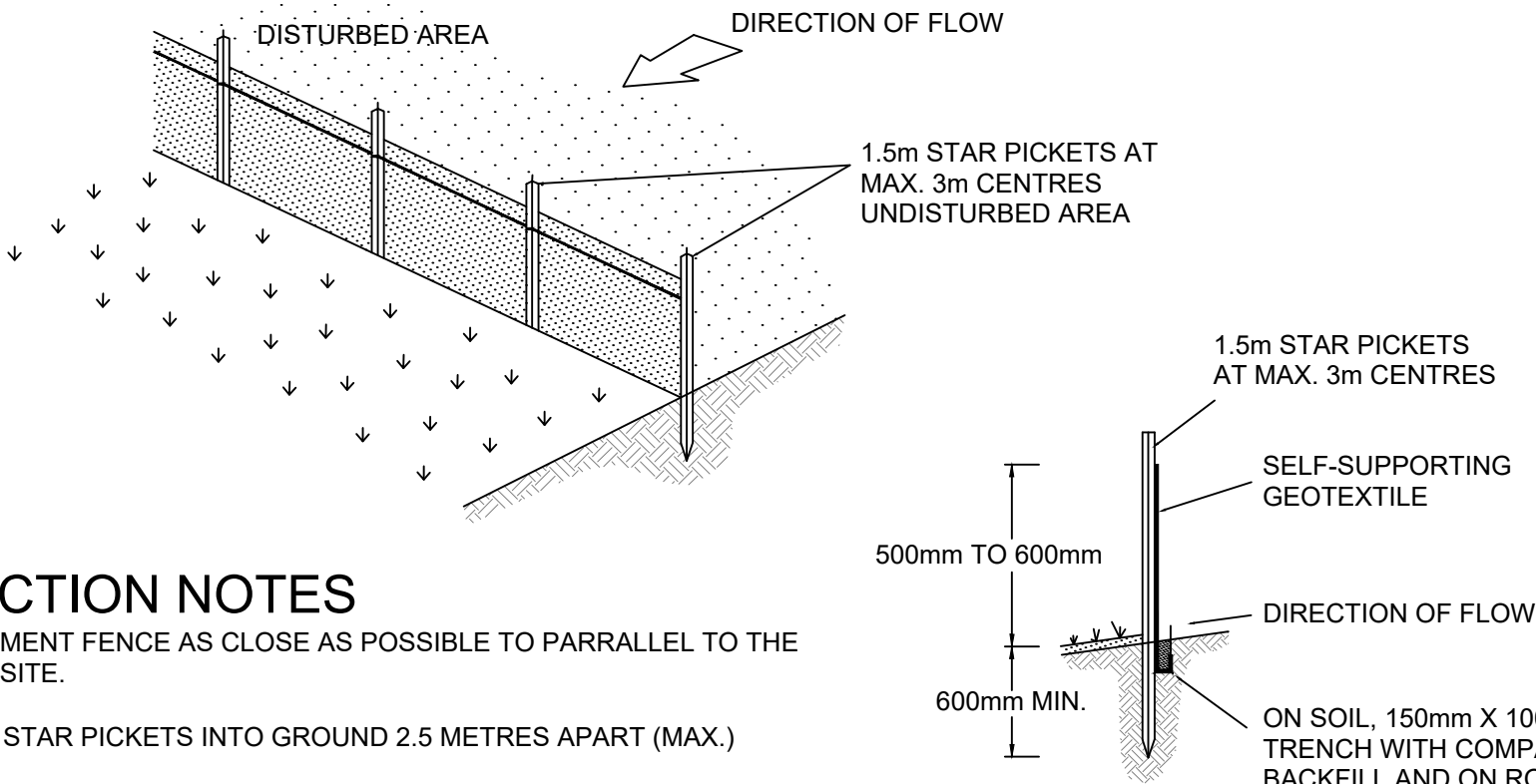
VEHICLE DUST SHAKE DOWN DETAIL



CONSTRUCTION NOTES

- 1. INSTALL FILTERS TO KERB INLET ONLY AT SAG POINTS.
- 2. FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
- 3. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm HIGH X 400mm WIDE.
- 4. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET MAINTAIN THE OPENING WITH SPACER BLOCKS.
- 5. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING FILTER.
- 6. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.

MESH & GRAVEL INLET "SAUSAGE" FILTER

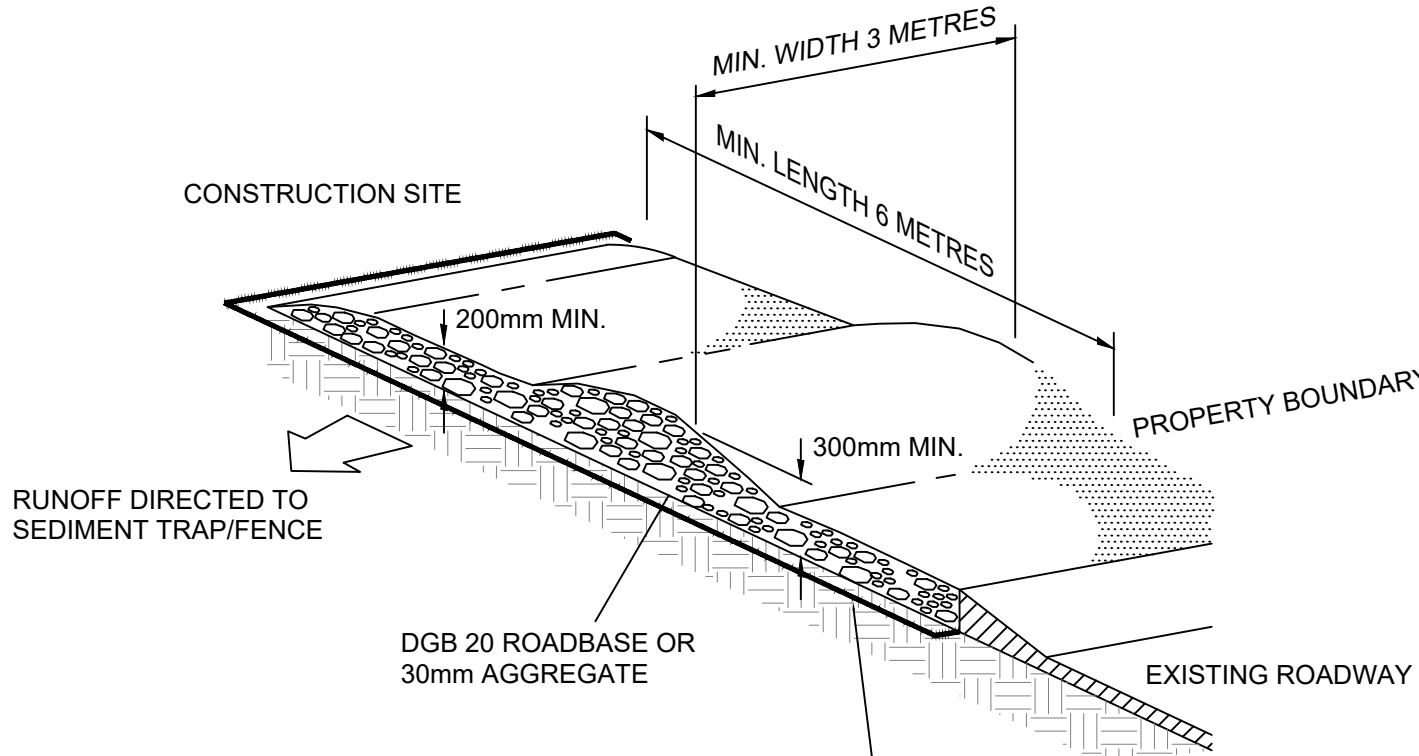


CONSTRUCTION NOTES

- 1. CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARRALLEL TO THE CONTOURS OF THE SITE.
- 2. DRIVE 1.5m LONG STAR PICKETS INTO GROUND 2.5 METRES APART (MAX.)
- 3. DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
- 4. FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.
- 5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
- 6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

SEDIMENT FENCE

SECTION DETAIL



CONSTRUCTION NOTES

- 1. STRIP TOPSOIL AND LEVEL SITE.
- 2. COMPACT SUBGRADE.
- 3. COVER AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
- 4. CONSTRUCT 200mm THICK PAD OVER GEOTEXTILE USING ROADBASE OR 30mm AGGREGATE. MINIMUM LENGTH 15 METRES OR TO BUILDING ALIGNMENT. MINIMUM WIDTH 3 METRES.
- 5. CONSTRUCT HUMPS IMMEDIATELY WITHIN BOUNDARY TO DIVERT WATER TO A SEDIMENT FENCE OR OTHER SEDIMENT TRAP.

STABILISED SITE ACCESS

REV	AMENDMENT	ISSUED	DATE	BARKER RYAN STEWART TOTAL PROJECT SOLUTIONS ENGINEERING PLANNING PROJECT MANAGEMENT SURVEYING CERTIFICATION SYDNEY P: 02 9659 0005 CENTRAL COAST P: 02 4325 5255 HUNTER P: 02 4966 8388 ABN: 26 134 067 842 www.brs.com.au mail@brs.com.au Client: AUTORECYCLERS PTY LTD 57-69 TATTERSALL RD, KINGS PARK INTERNAL ACCESS ROAD EROSION AND SEDIMENT CONTROL DETAILS Designed: TW Drawn: TW Checked: AD Scales: Plan - Horiz. - Vert. - X-Sect. - Datum: A.H.D. Plan No. CC160136-1-811 File Ref. CC160136 REV. A
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