

SEDIMENT & EROSION CONTROL LEGEND		SURVEY LEGEND	
	TYPE A HOARDING		SITE BOUNDARY
	SEDIMENT FENCE		EX SURFACE LEVEL
	TYPE B HOARDING		EX SURFACE CONTOUR
	TEMPORARY SHAKER RAMP FOR ENTRY/EXIT		EX TREE
	TEMPORARY STOCKPILE (LOCATION TBC ON-SITE)		EXISTING STORMWATER DRAINAGE LINE
	SANDBAGS INSTALLED ON EXISTING PIT		EXISTING SEWER LINE
	GEOTEXTILE PIT FILTER / FILTER SURROUND INSTALLED ON EXISTING PIT		EXISTING WATER MAIN
			EXISTING GAS LINE
			EXISTING TELECOMMUNICATIONS LINE
			EXISTING ELECTRICAL LINE
			EXISTING UNKNOWN SERVICE
			EXISTING SERVICE TO BE MADE REDUNDANT

**GENERAL NOTE**  
 DUE TO SITE CONDITIONS, THE CONTRACTOR SHALL RECEIVE PERMISSION TO ENCROACH ONTO PRIVATE/PUBLIC ROADS TO UNDERTAKE ANY WORKS. THE CONTRACTOR MUST OBTAIN WRITTEN PERMISSION PRIOR TO ENTERING THE PRIVATE ROADS TO PERFORM WORKS. COPIES OF THIS CONSENT MUST BE SUBMITTED TO COUNCIL AND THE ENGINEER, PRIOR TO ANY WORKS BEING PERFORMED, FAILURE TO COMPLY IS AT THE CONTRACTORS OWN RISK.

**SOIL AND WATER MANAGEMENT NOTES**

- IT HAS BEEN ASSUMED THAT SEDIMENT FENCING WILL BE PROVIDED TO THE STAGE BOUNDARY SUFFICIENT TO PREVENT SEDIMENT RUNOFF FROM LEAVING SITE (EXCEPT IN THE CASE OF ENTRY/EXIT LOCATIONS WHERE TEMPORARY CONSTRUCTION ENTRY/EXIT SEDIMENT TRAP ARE PROVIDED). IF THIS IS NOT THE CASE, PROVIDE SEDIMENT FENCE TO STANDARD DETAIL BELOW AS REQUIRED TO PREVENT SEDIMENT FROM LEAVING SITE, DIRECT RUNOFF TO SEDIMENT BASIN.
- ALL SEDIMENT CONTROL MEASURES TO BE INSTALLED IN ACCORDANCE WITH LANDCOM MANAGING URBAN STORMWATER "BLUE BOOK".
- MINIMISE CLEARING OUTSIDE BASEMENT EXTENT.
- SEDIMENT CONTROL FOR LANDSCAPED WORKS DOWNSTREAM OF THE BUILDING TO INCLUDE A SILTFENCE AND SANDBAGS AS REQUIRED. TO BE MANAGED AT A RATE OF SOL/S BY THE CONTRACTOR ON SITE. INSTALL CATCH DRAIN TO DIVERT UPSTREAM CATCHMENT AWAY FROM DISTURBED SOIL AREA.

**SEDIMENT CONTROL CONDITIONS**

- SEDIMENT FENCES WILL BE INSTALLED AS SHOWN AND ELSEWHERE AT THE DISCRETION OF THE SITE MANAGER TO CONTAIN COARSER SEDIMENT FRACTIONS INCLUDING AGGREGATED FINES) AS NEAR AS POSSIBLE TO THEIR SOURCE.
- SEDIMENT REMOVED FROM ANY TRAPPING DEVICE WILL BE RELOCATED WHERE FURTHER POLLUTION TO DOWNSLOPE LANDS & WATERWAYS CANNOT OCCUR.
- STOCKPILES WILL BE PLACED WHERE SHOWN ON DRAWING OR ELSEWHERE AT THE DISCRETION OF THE SITE MANAGER AND NOT WITHIN 5m OF HAZARD AREAS INCLUDING LIKELY AREAS OF HIGH VELOCITY FLOWS SUCH AS WATERWAYS, PAVED AREAS & DRIVEWAYS.
- WATER WILL BE PREVENTED FROM DIRECTLY ENTERING THE PERMANENT DRAINAGE SYSTEM WITH INLET FILTERS (SEE DETAILS) UNLESS IT IS SEDIMENT FREE.
- TEMPORARY SEDIMENT TRAPS WILL BE RETAINED UNTIL AFTER THE LANDS THEY ARE PROTECTING ARE COMPLETELY REHABILITATED.
- CONTRACTOR TO DESIGN/SIZE/CONSTRUCT TEMPORARY SEDIMENT BASIN, WATER SHOULD BE ALLOWED TO SETTLE BEFORE DISCHARGE. CONTRACTOR MUST VERIFY THAT WATER QUALITY MEETS AUTHORITIES REQUIREMENTS PRIOR TO DISCHARGE. ACCUMULATED SEDIMENT SHOULD THEN BE REMOVED & DISPOSED OF IN ACCORDANCE WITH ENVIRONMENTAL MANAGEMENT PROCEDURES.

**WARNING**  
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REV.	DETAILS	DATE
01	PRELIMINARY DRAFT ISSUE	25.02.19
02	SCHEMATIC DESIGN	12.03.19
03	FOR SEARS	21.06.19
04	ISSUED FOR DETAILED DESIGN	28.06.19
05	FOR SEARS	19.07.19
06	FOR SEARS	23.08.19
07	SSDA SUBMISSION	31.07.20
08	SSDA SUBMISSION	14.08.20

**CLIENT**  
**WESTERN SYDNEY UNIVERSITY**  
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**GENERAL NOTES**  
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**PROJECT**  
 NEW WESTERN SYDNEY UNIVERSITY  
 BANKSTOWN CITY CAMPUS  
 74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

**DRAWING TITLE**  
 SEDIMENT AND EROSION CONTROL PLAN

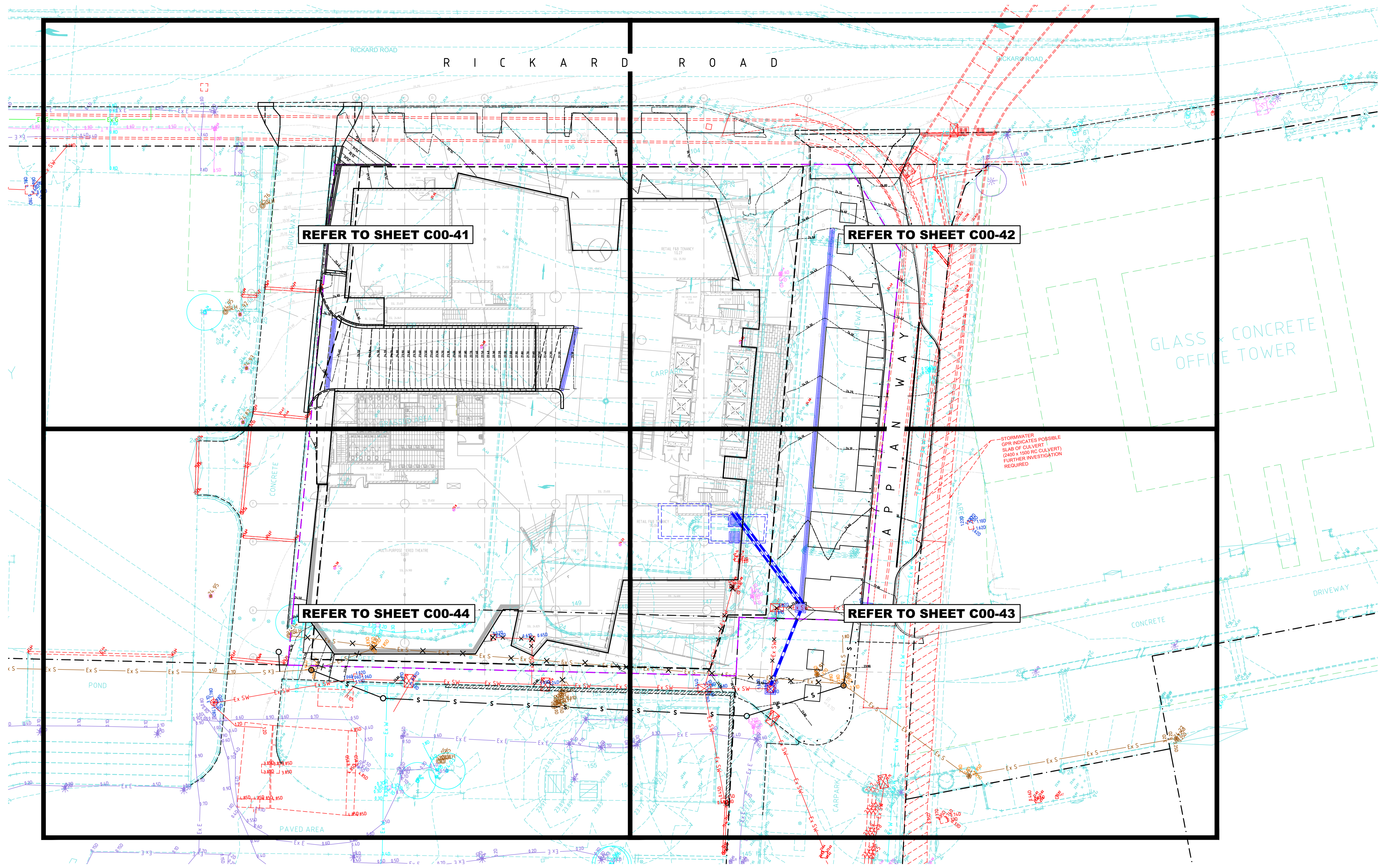
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C00-05	08

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01	SS04 SUBMIS.SW0	31.07.20
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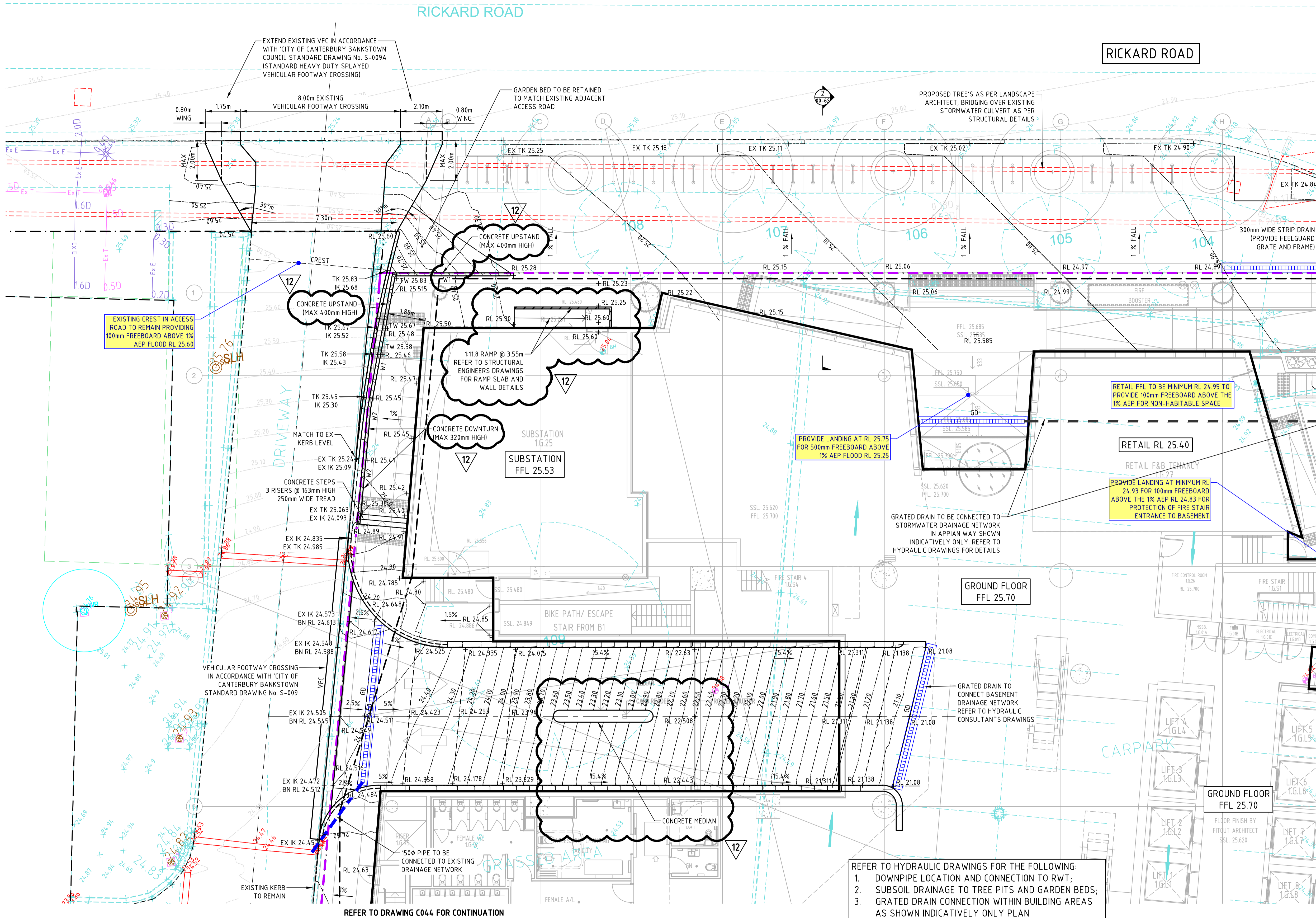
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**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY**  
**BANKSTOWN CITY CAMPUS**  
 74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD  
**DRAWING TITLE**  
**GENERAL SITE PLAN**

**SSDA SUBMISSION**  
 NORTH  
 SCALE  
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JOB No.	DRAWN	CHECKED	DATE
1097901C	PA	-	-
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- SURVEY LEGEND**
- SITE BOUNDARY
  - EX SURFACE LEVEL
  - EX SURFACE CONTOUR
  - EX TREE
  - EX SW
  - EX S
  - EX W
  - EX G
  - EX T
  - EX E
  - EXISTING UNKNOWN SERVICE
  - EX E - X

- SITEWORKS LEGEND**
- EX RL 7.25 +
  - RL 7.25 +
  - XX% FALL
  - FINISHED MINOR SURFACE CONTOUR
  - 5.00
  - 5.00
  - FINISHED MAJOR SURFACE CONTOUR
  - KO
  - VC
  - FK
  - B.
  - W

- DRAINAGE LEGEND**
- SURFACE INLET PIT (STAINLESS 5 STAR HEELS SAFE ANTI-SLIP GRATE)
  - JUNCTION PIT (INFILL TYPE TO MATCH SURROUNDING FINISHES OR AS PER LANDSCAPE ARCHITECTS SPECIFICATIONS)
  - IL 0.00 PIPE Ø IL 0.00
  - GD
  - SD
  - SD
  - GRATED DRAIN CONNECTION (SHOWN INDICATIVELY ONLY). REFER TO HYDRAULIC CONSULTANTS DRAWINGS FOR DETAILS

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06	FOR SEARS	23.08.19
07	DRAFT SDA	22.07.20
08	SSDA SUBMISSION	31.07.20
09	SSDA SUBMISSION	14.08.20
10	ISSUED FOR 50% DD	21.09.20
11	ISSUED FOR 70% DD	09.10.20
12	ISSUED FOR 70% DD	14.10.20

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**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY BANKSTOWN CITY CAMPUS**  
 74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

**DRAWING TITLE**  
**SITEWORKS AND STORMWATER DRAINAGE PLAN-SHEET 1**

**70% DESIGN DEVELOPMENT**

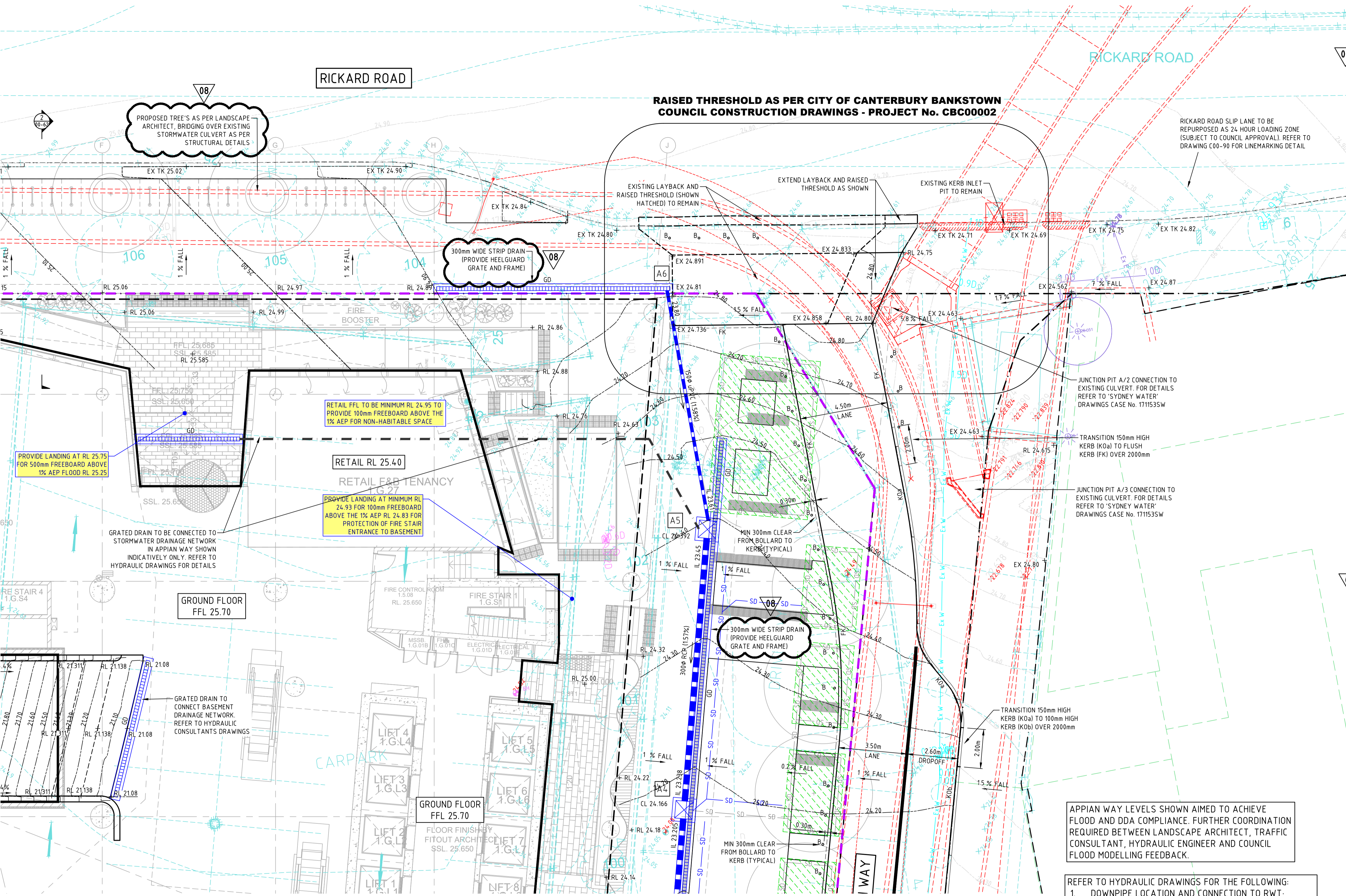
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JOB No.	DRAWN	CHECKED	DATE
1097901C	PA	-	-

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<b>C00-41</b>	<b>12</b>

A1 841 x 584  
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REFER TO DRAWING C041 FOR CONTINUATION



- SURVEY LEGEND**
- SITE BOUNDARY
  - EX SURFACE LEVEL
  - EX SURFACE CONTOUR
  - EX TREE
  - EX SW - EXISTING STORMWATER DRAINAGE LINE
  - EX S - EXISTING SEWER LINE
  - EX W - EXISTING WATER MAIN
  - EX G - EXISTING GAS LINE
  - EX T - EXISTING TELECOMMUNICATIONS LINE
  - EX E - EXISTING ELECTRICAL LINE
  - EXISTING UNKNOWN SERVICE
  - EX E - EXISTING SERVICE TO BE MADE REDUNDANT

- SITEWORKS LEGEND**
- EX RL 7.25 + EXISTING FINISHED SURFACE LEVEL
  - RL 7.25 + FINISHED SURFACE SPOT LEVEL
  - XX% FALL DIRECTION AND GRADE OF FALL
  - FINISHED MINOR SURFACE CONTOUR
  - 5.00 FINISHED MAJOR SURFACE CONTOUR
  - KO KERB ONLY
  - VC VEHICULAR CROSSING
  - FK FLUSH KERB
  - B. BOLLARD IN ACCORDANCE WITH ARCHITECTURAL SPECIFICATIONS
  - W CONCRETE WALLS (REFER TO DETAILS ON SHEET C00-60)
  - 2 LAYERED STRATAVAULT STRUCTURAL CELL TREE PIT. REFER TO LANDSCAPE ARCHITECT'S DRAWINGS

- DRAINAGE LEGEND**
- SURFACE INLET PIT (STAINLESS 5 STAR HEELSAFE ANTI-SLIP GRATE)
  - JUNCTION PIT (INFILL TYPE TO MATCH SURROUNDING FINISHES OR AS PER LANDSCAPE ARCHITECT'S SPECIFICATIONS)
  - IL 0.00 PIPE Ø IL 0.00 STORMWATER DRAINAGE LINE
  - GD 'ACO DRAIN' KLASSIK DRAIN - KS300' OR APPROVED EQUIVALENT. PROVIDE FALL IN CHANNEL IN ACCORDANCE WITH 'ACO DRAIN' STANDARD UNITS TO OUTLET PIPE. GRATE TO BE STAINLESS 5 STAR 'HEELSAFE' ANTI-SLIP GRATE
  - FLUSHOUT RISER (max 30m CTRS) WITH SUBSOIL DRAINAGE (100Ø UPVC SLOTTED PIPE UN-SOCKETED)
  - SD SUBSOIL DRAINAGE TO TREE PITS AND GARDEN BEDS (SHOWN INDICATIVELY ONLY). REFER TO HYDRAULIC CONSULTANT'S DRAWINGS FOR DETAILS
  - GRATED DRAIN CONNECTION (SHOWN INDICATIVELY ONLY). REFER TO HYDRAULIC CONSULTANT'S DRAWINGS FOR DETAILS

APPIAN WAY LEVELS SHOWN AIMED TO ACHIEVE FLOOD AND DDA COMPLIANCE. FURTHER COORDINATION REQUIRED BETWEEN LANDSCAPE ARCHITECT, TRAFFIC CONSULTANT, HYDRAULIC ENGINEER AND COUNCIL FLOOD MODELLING FEEDBACK.

- REFER TO HYDRAULIC DRAWINGS FOR THE FOLLOWING:
1. DOWNPIPE LOCATION AND CONNECTION TO RW;
  2. SUBSOIL DRAINAGE TO TREE PITS AND GARDEN BEDS;
  3. GRATED DRAIN CONNECTION WITHIN BUILDING AREAS AS SHOWN INDICATIVELY ONLY PLAN

REFER TO DRAWING C043 FOR CONTINUATION

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REV.	DETAILS	DATE
01	FOR SEARS	19.07.19
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03	DRAFT SSDA	22.07.20
04	SSDA SUBMISSION	31.07.20
05	SSDA SUBMISSION	14.08.20
06	ISSUED FOR 50% DD	21.09.20
07	ISSUED FOR 70% DD	09.10.20
08	ISSUED FOR 70% DD	14.10.20

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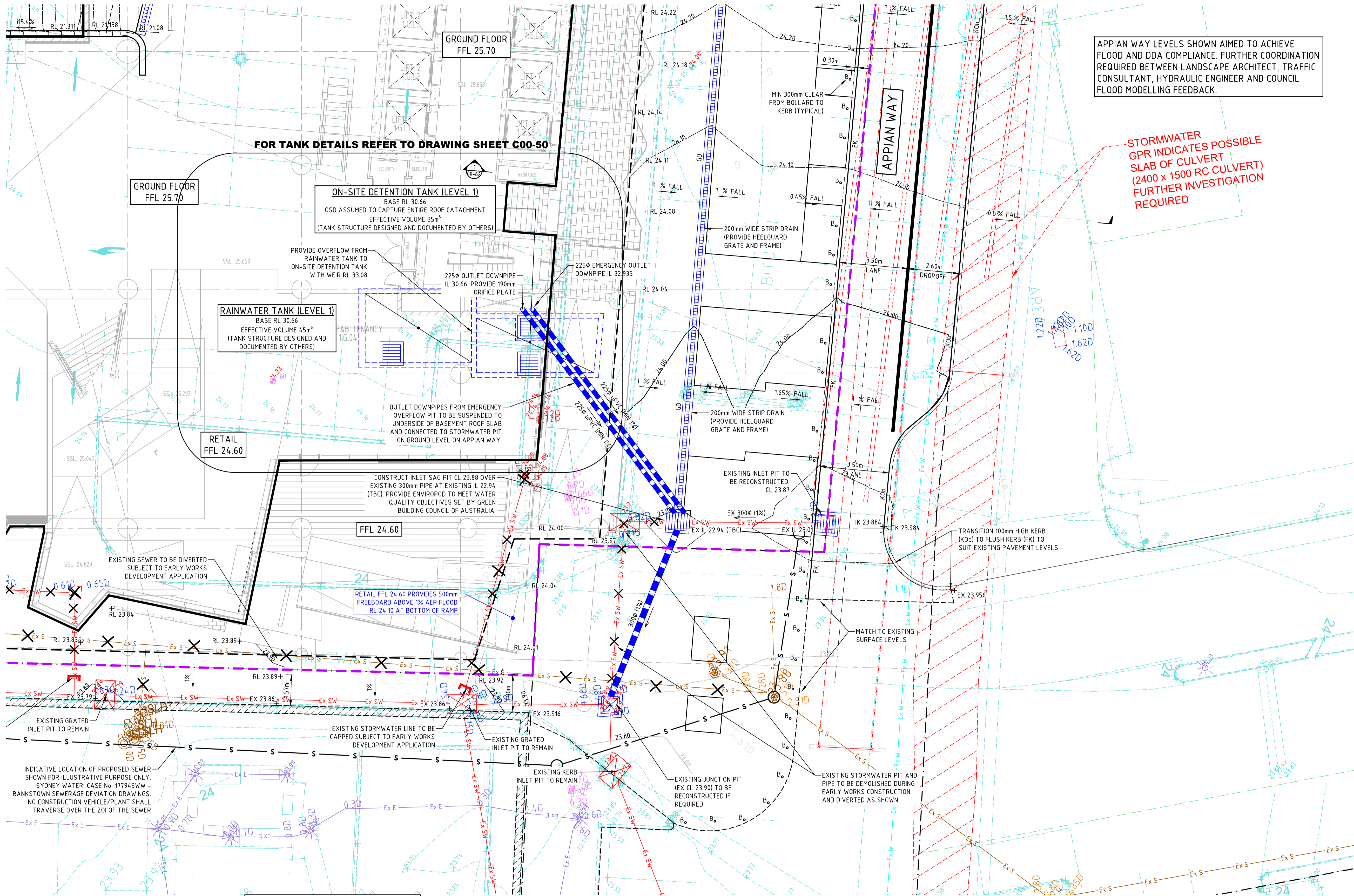
**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

**DRAWING TITLE**  
**SITEWORKS AND STORMWATER DRAINAGE PLAN-SHEET 2**

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REFER TO DRAWING C044 FOR CONTINUATION



- SURVEY LEGEND**
- SITE BOUNDARY
  - EX SURFACE LEVEL
  - EX SURFACE CONTOUR
  - EX TREE
  - EX SW - EXISTING STORMWATER DRAINAGE LINE
  - EX S - EXISTING SEWER LINE
  - EX W - EXISTING WATER MAIN
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- SITWORKS LEGEND**
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  - RL 7.25 - FINISHED SURFACE SPOT LEVEL
  - XX% FALL - DIRECTION AND GRADE OF FALL
  - FINISHED MINOR SURFACE CONTOUR
  - 5.00 - FINISHED MINOR SURFACE CONTOUR
  - KO - KERB ONLY
  - VC - VEHICULAR CROSSING
  - FK - FLUSH KERB
  - B<sub>o</sub> - BOLLARD IN ACCORDANCE WITH ARCHITECTURAL SPECIFICATIONS

- DRAINAGE LEGEND**
- SURFACE INLET PIT
  - JUNCTION PIT
  - IL 0.00 PIPE Ø IL 0.00 - STORMWATER DRAINAGE LINE
  - GD - GRATED DRAIN

NOTE: REFER TO HYDRAULIC DRAWINGS FOR DOWNPIPE LOCATION AND CONNECTION TO RAINWATER TANK

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**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY**  
**BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

**DRAWING TITLE**  
**SITWORKS AND STORMWATER DRAINAGE PLAN-SHEET 3**

**SSDA SUBMISSION**

**SCALE**  
1:100 @ A1

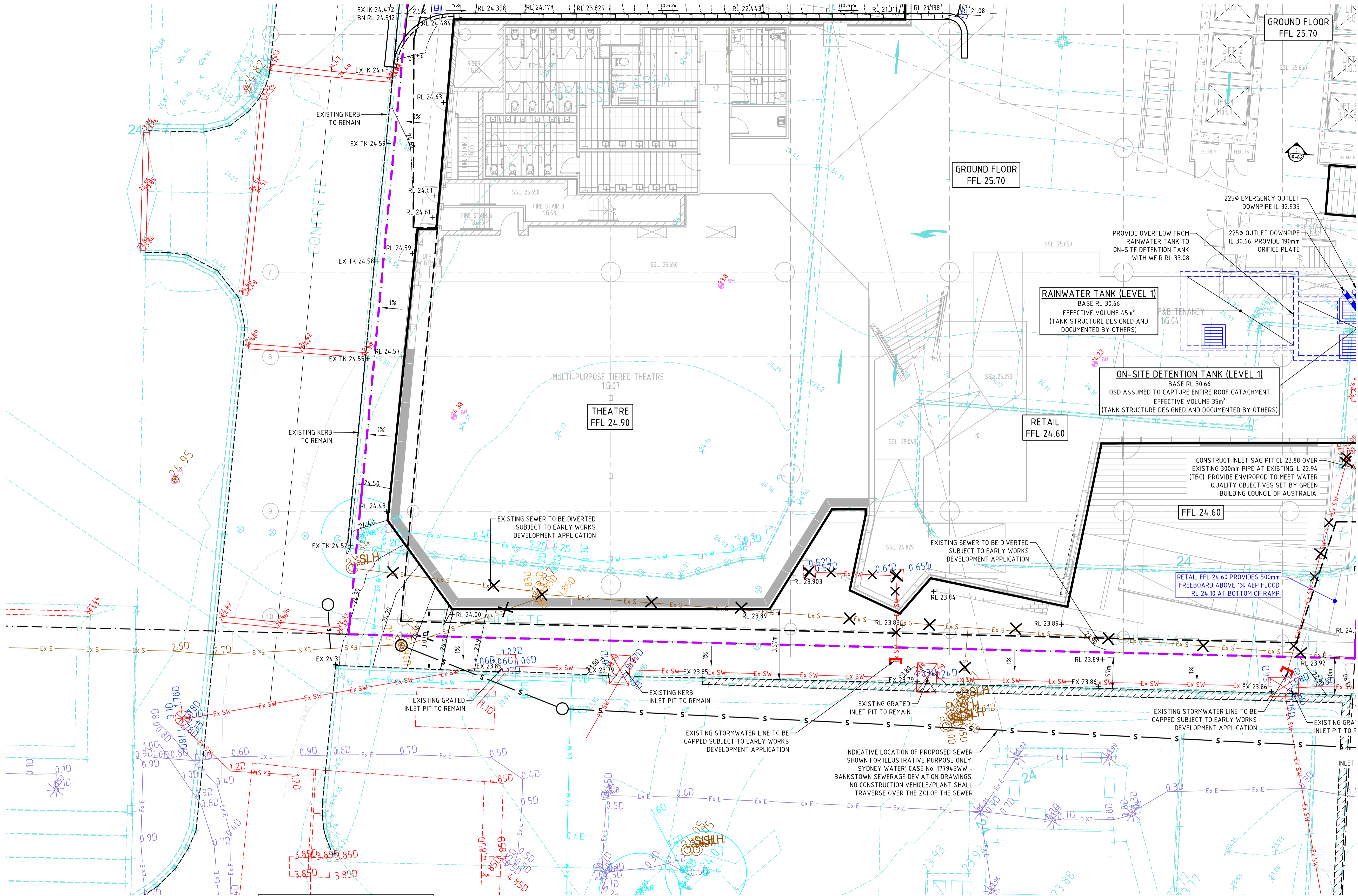
**DATE**  
-

**REVISION**  
-

**JOB No.** 1097901C  
**DRAWN** PA  
**CHECKED** -

**DRAWING No.** C00-43  
**REVISION** 05

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Printed: 14.08.20 at 9:51 AM



- SURVEY LEGEND**
- SITE BOUNDARY
  - EX SURFACE LEVEL
  - EX SURFACE CONTOUR
  - EX TREE
  - EXISTING STORMWATER DRAINAGE LINE
  - EXISTING SEWER LINE
  - EXISTING WATER MAIN
  - EXISTING GAS LINE
  - EXISTING TELECOMMUNICATIONS LINE
  - EXISTING ELECTRICAL LINE
  - EXISTING UNKNOWN SERVICE
  - EXISTING SERVICE TO BE MADE REDUNDANT

- SITWORKS LEGEND**
- EX RL 7.25 EXISTING FINISHED SURFACE LEVEL
  - RL 7.25 FINISHED SURFACE SPOT LEVEL
  - XX% FALL DIRECTION AND GRADE OF FALL
  - FINISHED MINOR SURFACE CONTOUR
  - 5.00 FINISHED MINOR SURFACE CONTOUR
  - KERB ONLY
  - VEHICULAR CROSSING
  - FLUSH KERB
  - BOLLARD IN ACCORDANCE WITH ARCHITECTURAL SPECIFICATIONS

- DRAINAGE LEGEND**
- SURFACE INLET PIT
  - JUNCTION PIT
  - STORMWATER DRAINAGE LINE
  - GRATED DRAIN

NOTE: REFER TO HYDRAULIC DRAWINGS FOR DOWNPIPE LOCATION AND CONNECTION TO RAINWATER TANK

REFER TO DRAWING C043 FOR CONTINUATION

**WARNING**  
BEWARE OF UNDERGROUND SERVICES  
THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.

**WARNING**  
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.

ALL EXISTING PROPERTY SERVICES' LOCATIONS AND DEPTHS ARE APPROXIMATE AND MUST BE VERIFIED ON SITE. THE CONTRACTOR SHOULD SUPPLY PRECISE LOCATIONS AND DEPTHS TO THE ENGINEER FOR REVIEW PRIOR TO ANY WORKS THAT MAY AFFECT THESE SERVICES.



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**Aspect Studios**  
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REV.	DETAILS	DATE
01	FOR SEARS	18.07.19
02	FOR SEARS	23.08.19
03	DRAFT SSDA	22.07.20
04	SSDA SUBMISSION	31.07.20
05	SSDA SUBMISSION	14.08.20

**CLIENT**  
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**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

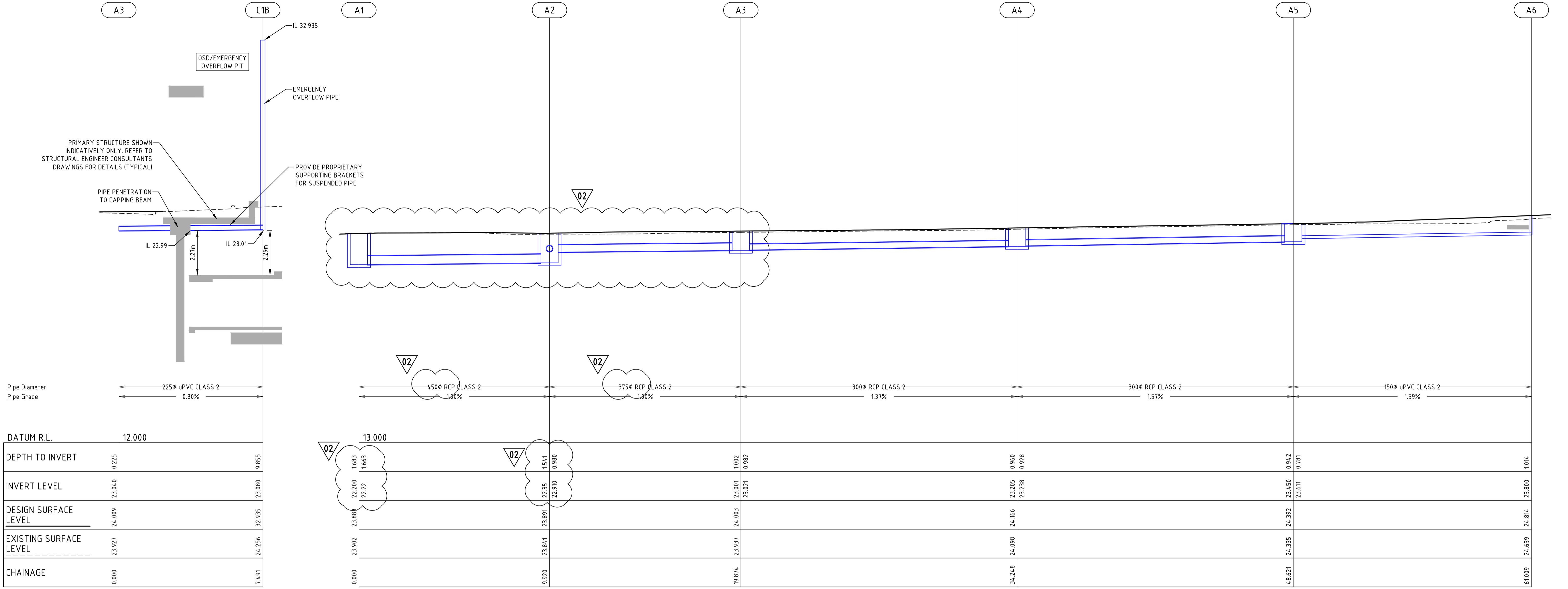
**DRAWING TITLE**  
**SITWORKS AND STORMWATER DRAINAGE PLAN-SHEET 4**

**SSDA SUBMISSION**

**SCALE**  
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JOB No.	DRAWN	CHECKED	DATE
1097901C	PA	-	-

DRAWING No.	REVISION
<b>C00-44</b>	<b>05</b>



DRAINAGE LINE C

DRAINAGE LINE A

PIT NAME	PIT TYPE	GRATE CLASS/TYPE	PIT SCHEDULE										REMARKS		
			EASTING	NORTHING	INTERNAL		INLET		OUTLET		PIT				
					WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH			
A1	JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318414.605	6245490.955	0.9	0.9	450	22.22	EX 600	EX 22.2	23.883	1.683	RECONSTRUCT EXISTING JUNCTION PIT IF REQUIRED.		
A2	JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318418.884	6245499.871	0.9	0.9	375	22.91	450	22.35	23.891	1.541	CONNECT GRATED DRAIN & EX 300 DIA PIPE. INSTALL ENVIROPOD		
A2 (FROM B1)	JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318418.884	6245499.871	0.9	0.9	300	22.94	450	22.35	23.891	1.541	CONNECT GRATED DRAIN & EX 300 DIA PIPE. INSTALL ENVIROPOD		
A3	JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318420.973	6245509.604	0.9	0.9	300	23.021	375	23.001	24.003	1.002	CONNECT GRATED DRAIN		
A3 (FROM C1a)	JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318420.973	6245509.604	0.9	0.9	300	23	375	23.001	24.003	1.002	CONNECT GRATED DRAIN		
A3 (FROM C1b)	JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318420.491	6245509.503	0.9	0.9	225	23.02	375	23.001	24.003	1.002	CONNECT GRATED DRAIN		
A4	JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318423.989	6245523.658	0.9	0.9	300	23.238	300	23.205	24.166	0.96	CONNECT GRATED DRAIN		
A5	JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318427.005	6245537.711	0.9	0.9	150	23.611	300	23.45	24.392	0.942	CONNECT GRATED DRAIN		
A6	PIPE CONNECTION TO GRATED DRAIN	N/A	318426.52	6245550.075					150	23.8	24.814	1.014	CONNECT GRATED DRAIN		
B1	SURFACE INLET (SAG)	CLASS D GALVANISED MILD STEEL GRATE HINGED TO FRAME	318426.713	6245498.705	0.9	0.9			300	23.01	23.875	0.865	RECONSTRUCT EXISTING GRATED INLET PIT IF REQUIRED		
C1a	PIPE CONNECTION FROM OSD	N/A	318412.756	6245511.53					300	30.66	30.66	7.618	REFER TO SHEET C00-50 FOR OSD DETAILS		
C1b	PIPE CONNECTION FROM OSD	N/A	318413.25	6245511.466					225	32.935	225	23.08	32.935	9.855	REFER TO SHEET C00-50 FOR OSD DETAILS

- NOTES**
- GRATE SIZE DOES NOT NECESSARILY REFLECT PIT SIZE, AND SHOULD BE READ IN CONJUNCTION WITH THE PIT TYPE DETAILS
  - FINAL INTERNAL PIT DIMENSIONS ARE TO COMPLY WITH AS 3500.
  - ALL PITS TO BE LOCKABLE AND FRAME TO BE BOLTED TO PIT.
  - ALL CAST IRON LIDS TO BE BOLTED TO PIT WITH M12 4.6/S BOLTS.
  - STORMWATER TRENCHES SHALL BE FREE OF ALL ORGANIC MATTER. WHERE VEGETATION ROOTS ARE PENETRATING INTO THE STORMWATER TRENCH, TREEMAX ROOT WALL (OR APPROVED EQUIVALENT) SHALL BE INSTALLED ON THE TRENCH WALL IN ACCORDANCE WITH THE FOLLOWING:
    - INSTALL ROOT BARRIER TO A DEPTH OF 150mm BELOW THE BOTTOM OF THE PIPE AND ALL THE WAY TO THE SURFACE LEVELS
    - INSTALL ROOT BARRIER TO THE DEPTH OF THE SOIL AND ROOT ZONES OF THE ADJACENT EXISTING AND PROPOSED (IF ANY) TREES. SEEK ARBORIST ADVICE FOR THESE REQUIRED ROOT AND SOIL DEPTHS
    - INSTALL IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION
  - FOR STORMWATER TRENCHING OR ADJACENT TO EXISTING AND RETAINED TREES, REFER TO ARBORIST REPORT AND THE SEEK ARBORIST ADVICE.
  - ALL GRATES TO BE STAINLESS 5 STAR HEELSAFE ANTI-SLIP GRATES
  - PAVEMENT INFILL TYPE TO MATCH SURROUNDING FINISHES OR AS PER LANDSCAPE ARCHITECTS SPECIFICATIONS

**NOT FOR CONSTRUCTION**

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A1 841 v 554  
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**REV. DETAILS**  
01 ISSUED FOR 70% DD 09/10/20  
02 ISSUED FOR 70% DD 14/10/20

**DATE**  
09/10/20  
14/10/20

**CLIENT**  
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**PROJECT**  
NEW WESTERN SYDNEY UNIVERISTY  
BANKSTOWN CITY CAMPUS  
74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

**DRAWING TITLE**  
STORMWATER DRAINAGE  
LONGITUDINAL SECTIONS  
SHEET 1

**SCALE**  
1:100 @ A1

**DATE**  
-

**REVISION**  
-

**JOB No.**  
1097901C

**DRAWN**  
JF

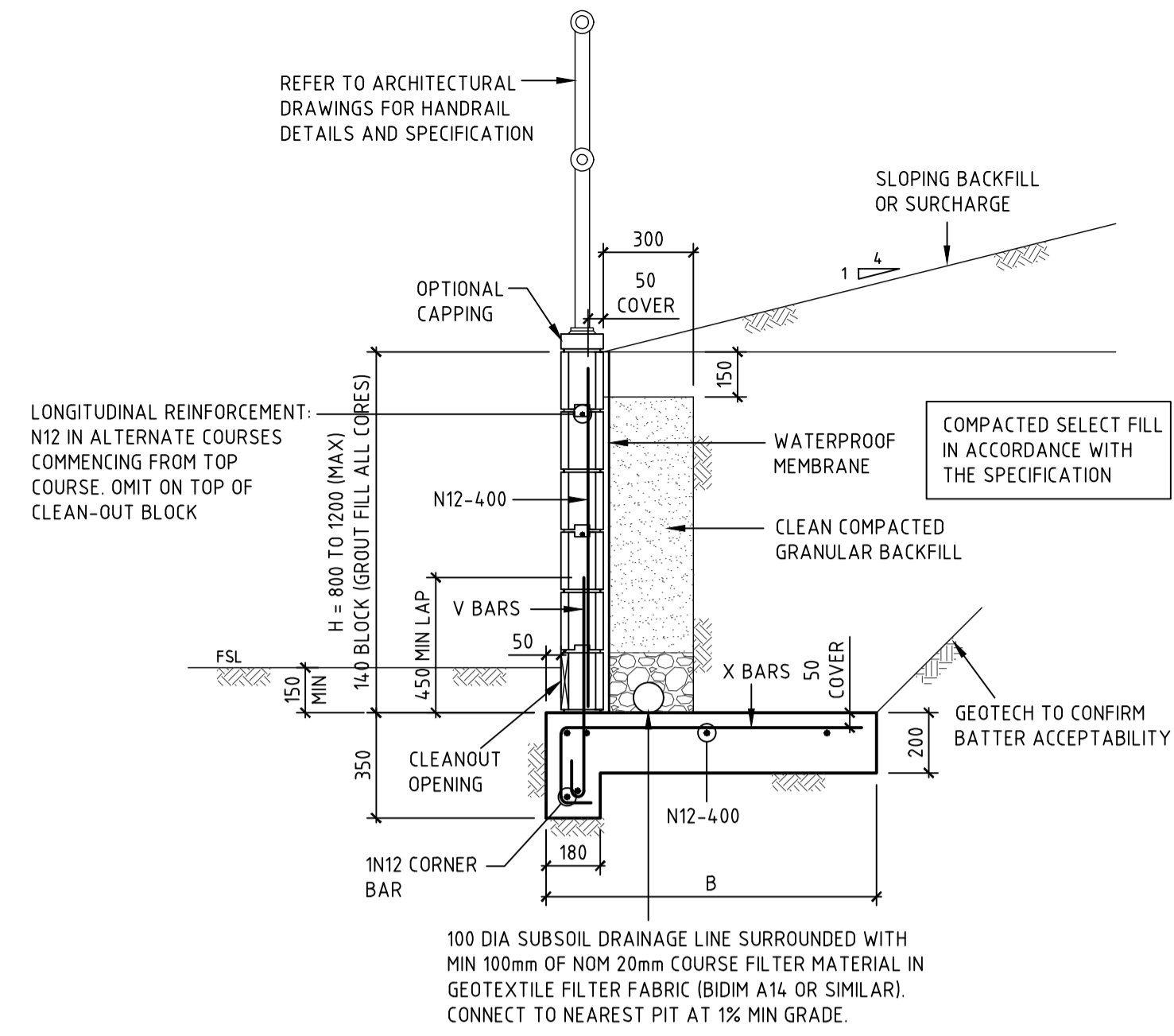
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**DATE**  
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**REVISION**  
-

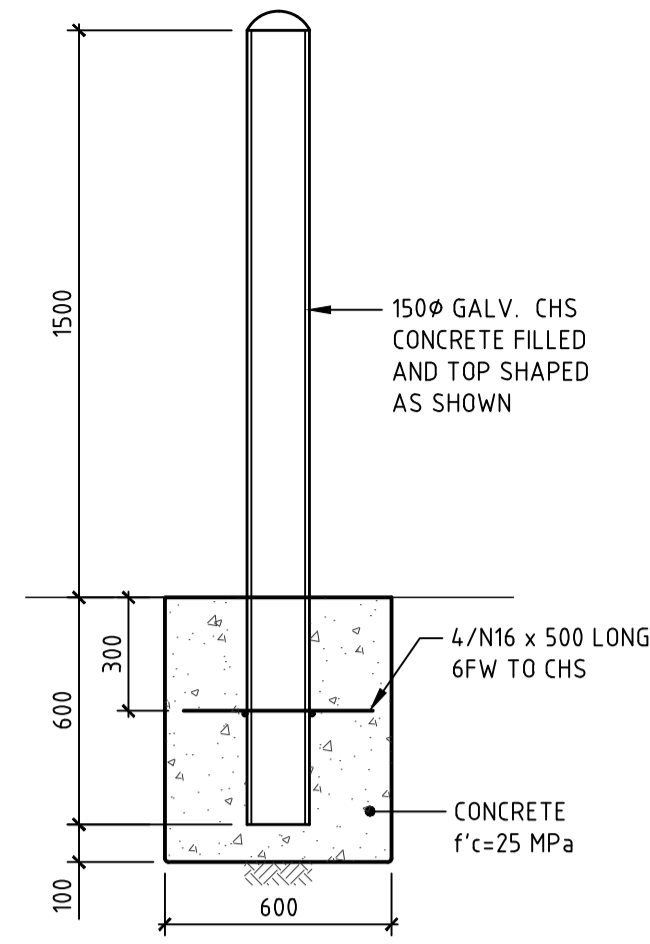
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C00-45

**REVISION**  
02

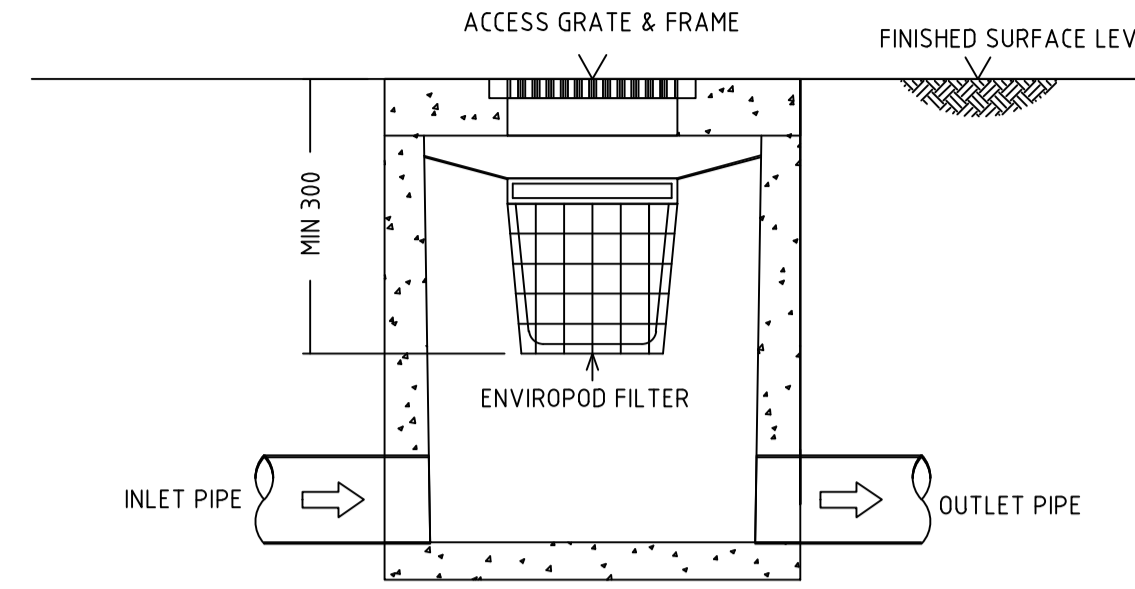


**BLOCK RETAINING WALL (MAX 1200 HIGH)**  
SCALE 1:20

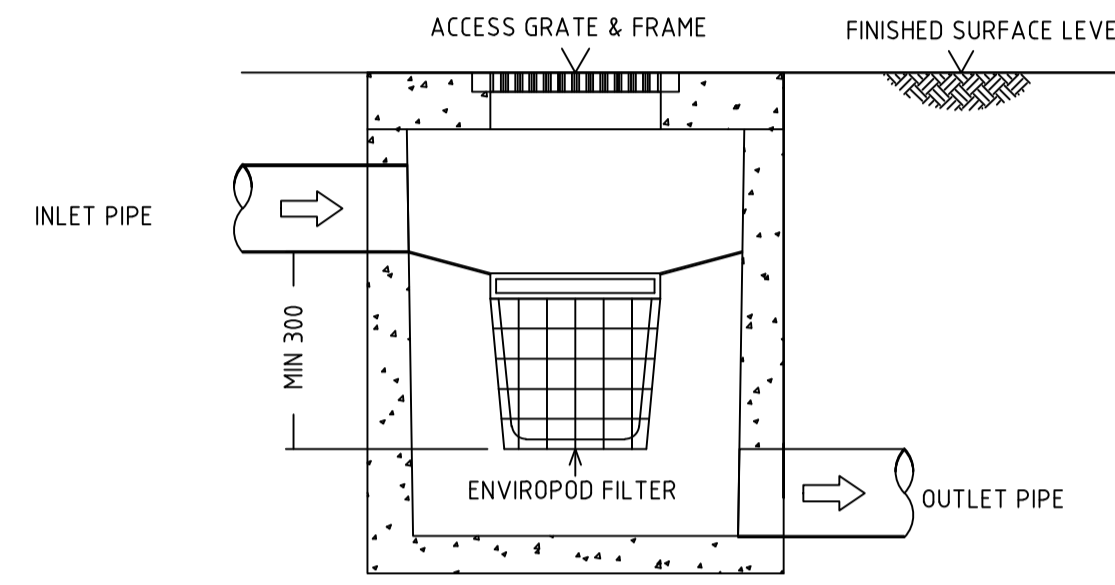
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**BOLLARD DETAIL**  
SCALE 1:20

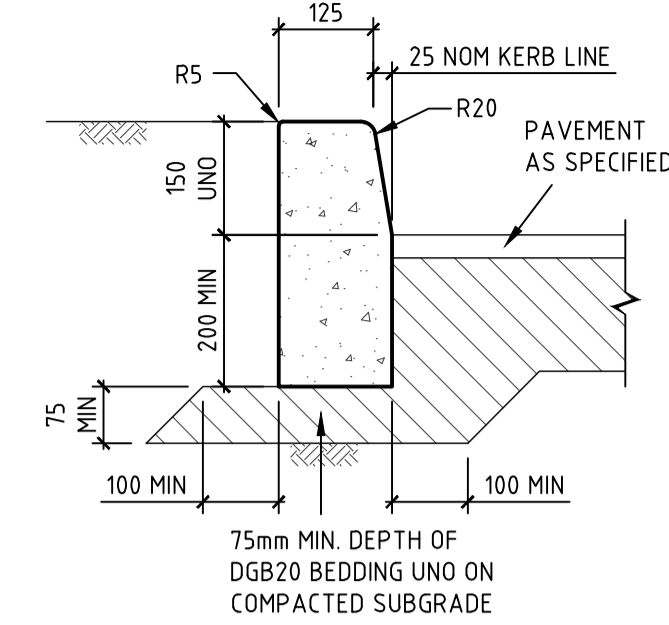


**STANDARD ENVIROPOD CONFIGURATION SECTION**

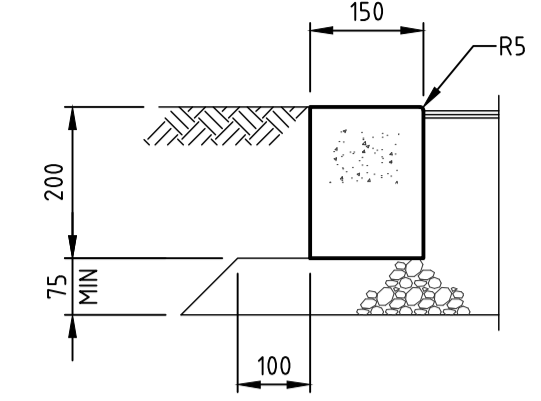


**DROP PIPE ENVIROPOD CONFIGURATION SECTION**

**TYPICAL ENVIROPOD PIT DETAILS**



**KERB ONLY (KOa)**  
SCALE 1:10



**FLUSH KERB (FK)**  
SCALE 1:10

BLOCK RETAINING WALL BASE TYPE 1							
WALL HEIGHT		REINFORCEMENT			BASE DIMENSIONS		
TOTAL HEIGHT (mm) H	HEIGHT OF BLOCKWORK			X-BARS AND V-BARS	K-BARS	WIDTH, B (mm) WITH FOLLOWING BACKFILL CONDITIONS	
	150 SERIES	200 SERIES	300 SERIES			LEVEL	MAX 1:4 SLOPE
800	800	-	-	N12-400	-	800	1000
1000	1000	-	-	N12-400	-	1000	1200

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REV.	DETAILS	DATE
01	PRELIMINARY DRAFT ISSUE	25.02.19
02	SCHEMATIC DESIGN	12.03.19
03	FOR SEARS	21.06.19
04	ISSUED FOR DETAILED DESIGN	28.06.19
05	FOR SEARS	19.07.19
06	FOR SEARS	23.08.19
07	SSDA SUBMISSION	31.07.20
08	SSDA SUBMISSION	14.08.20

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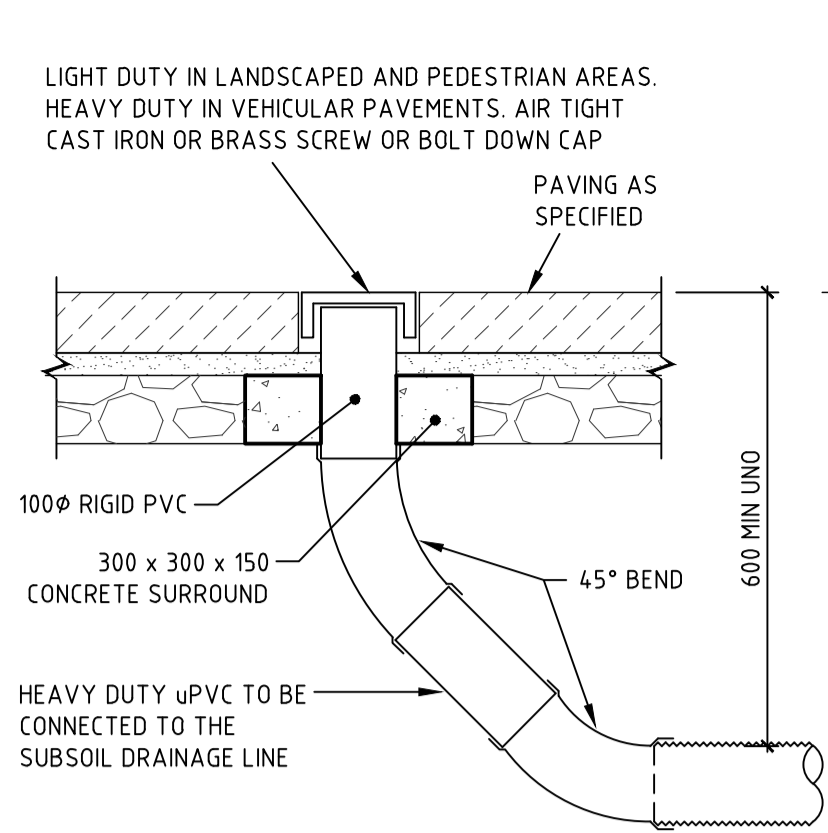
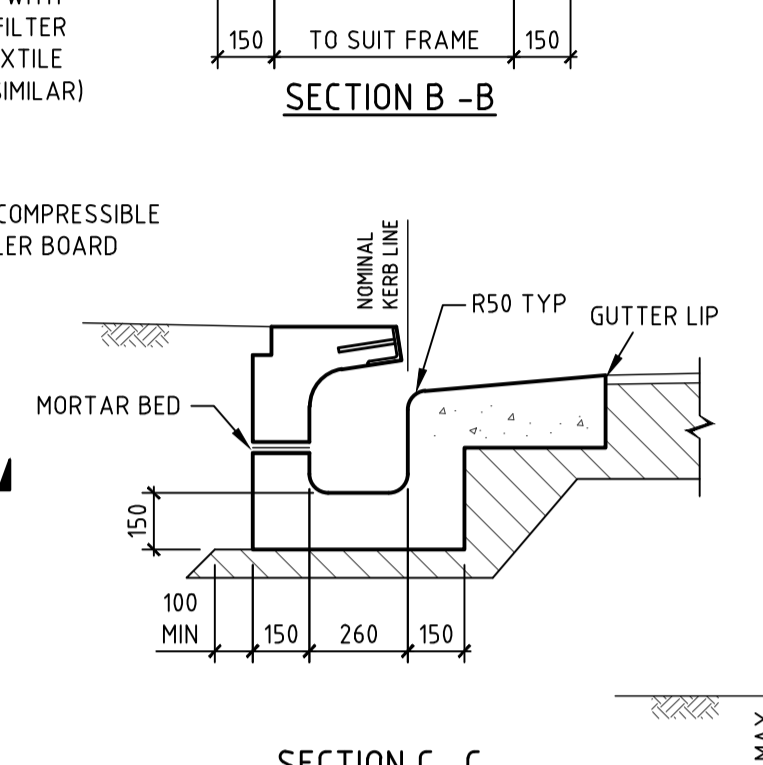
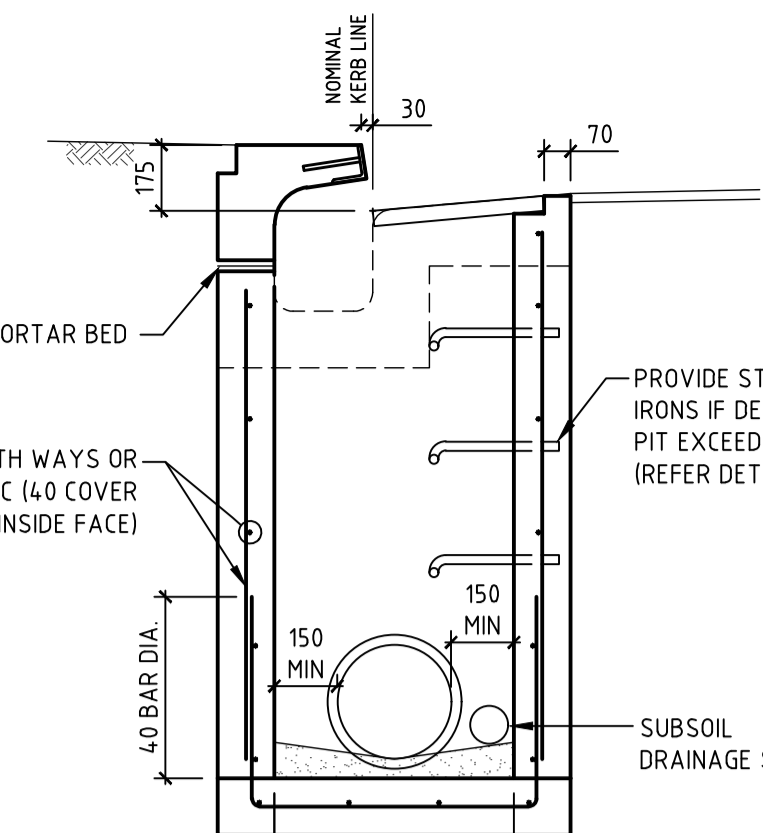
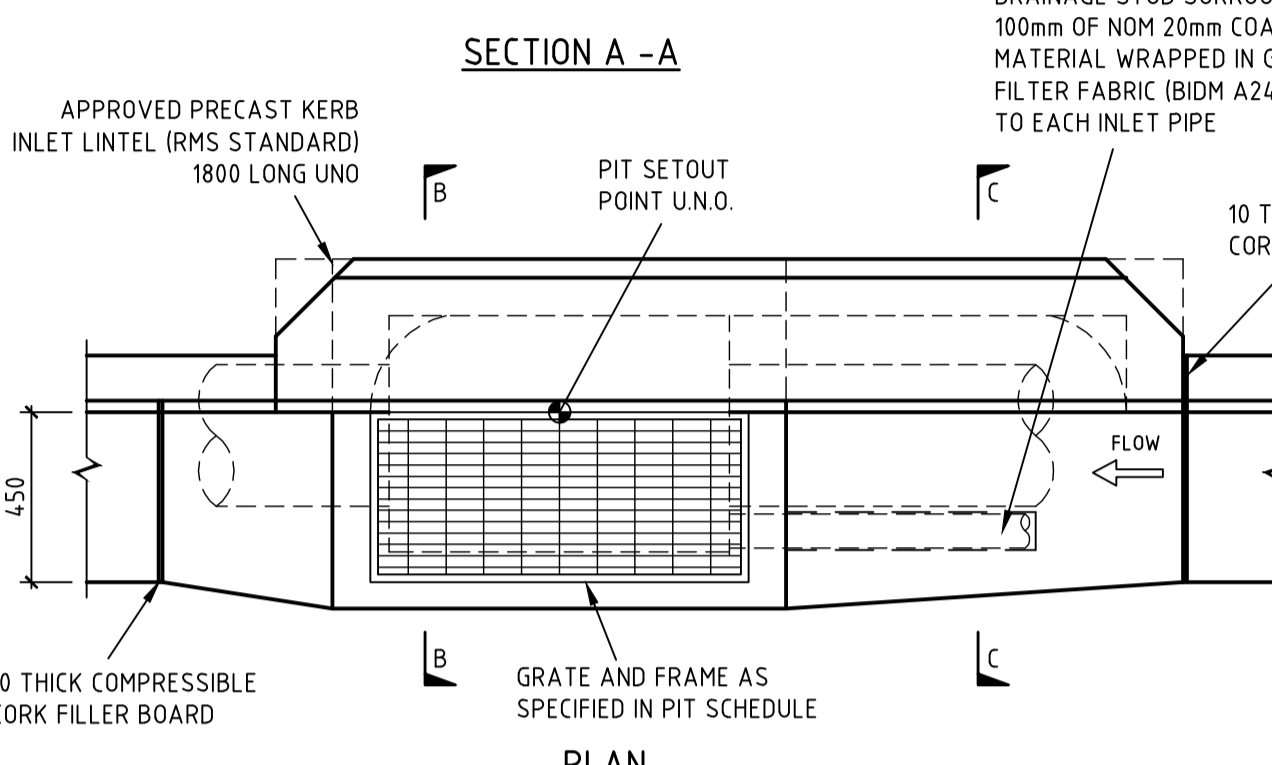
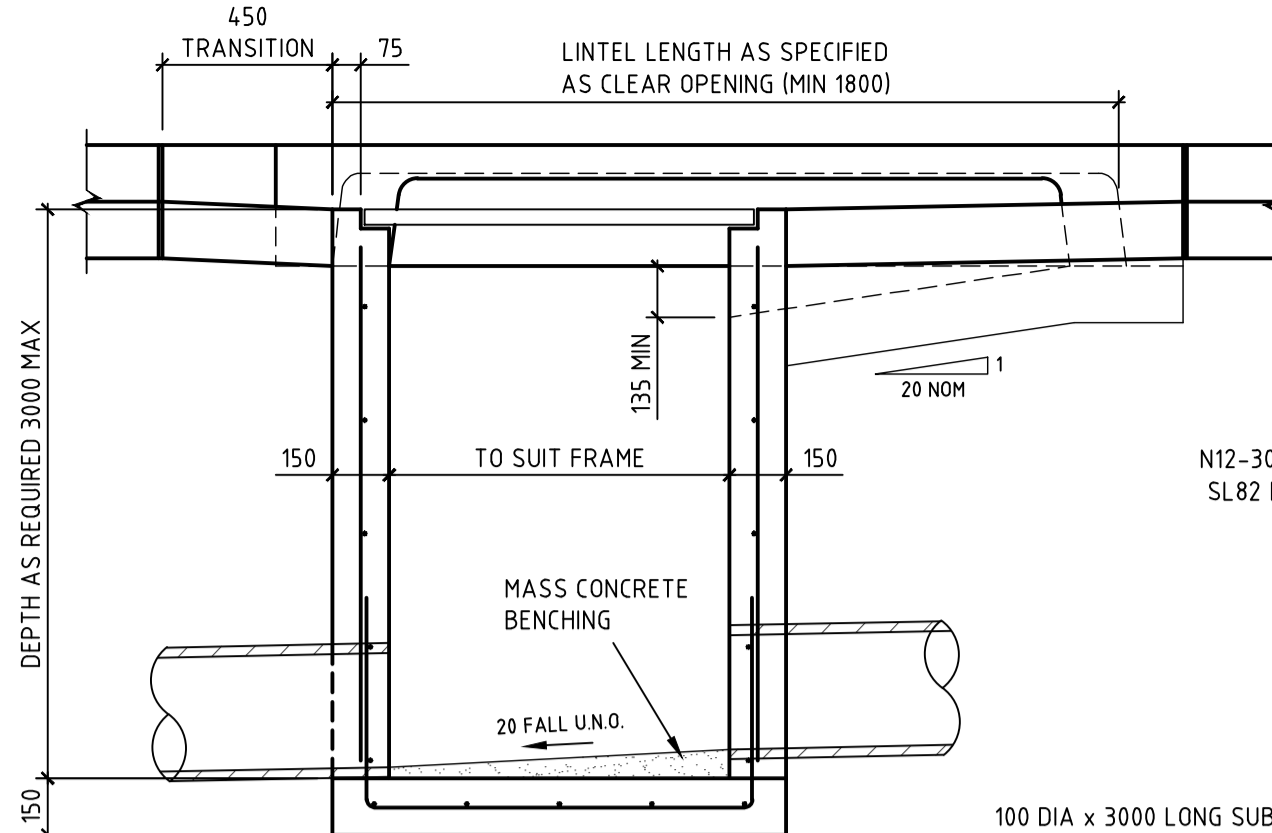
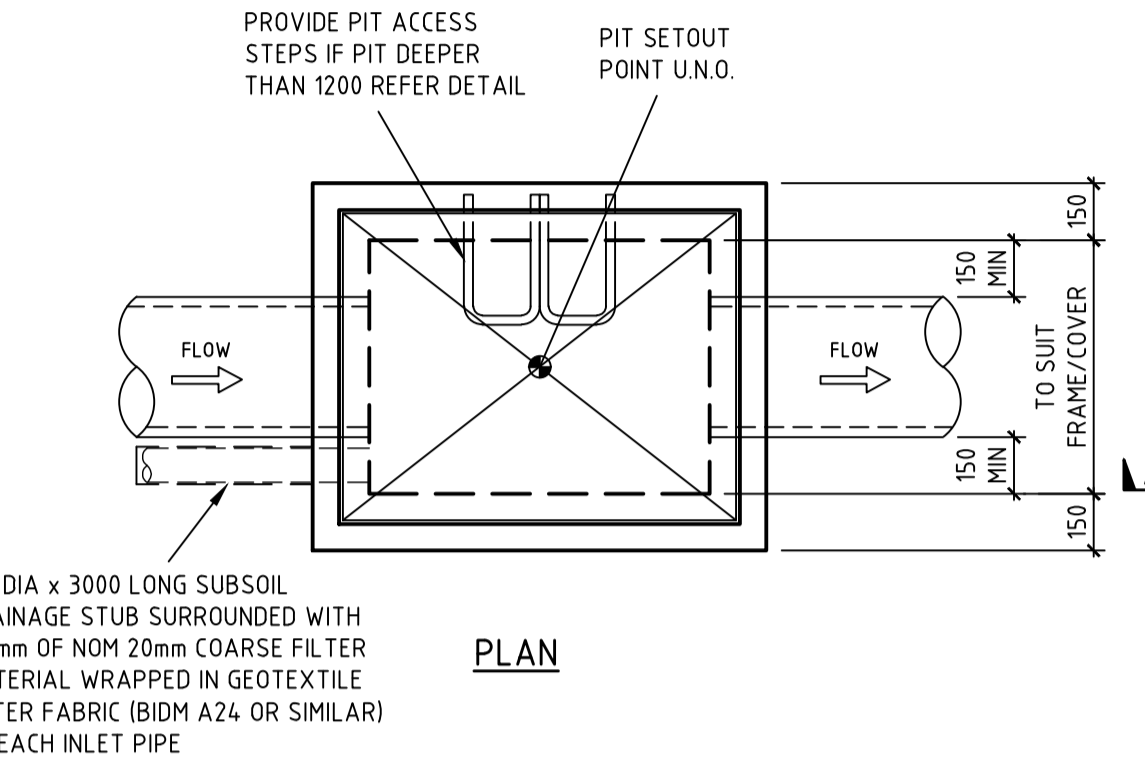
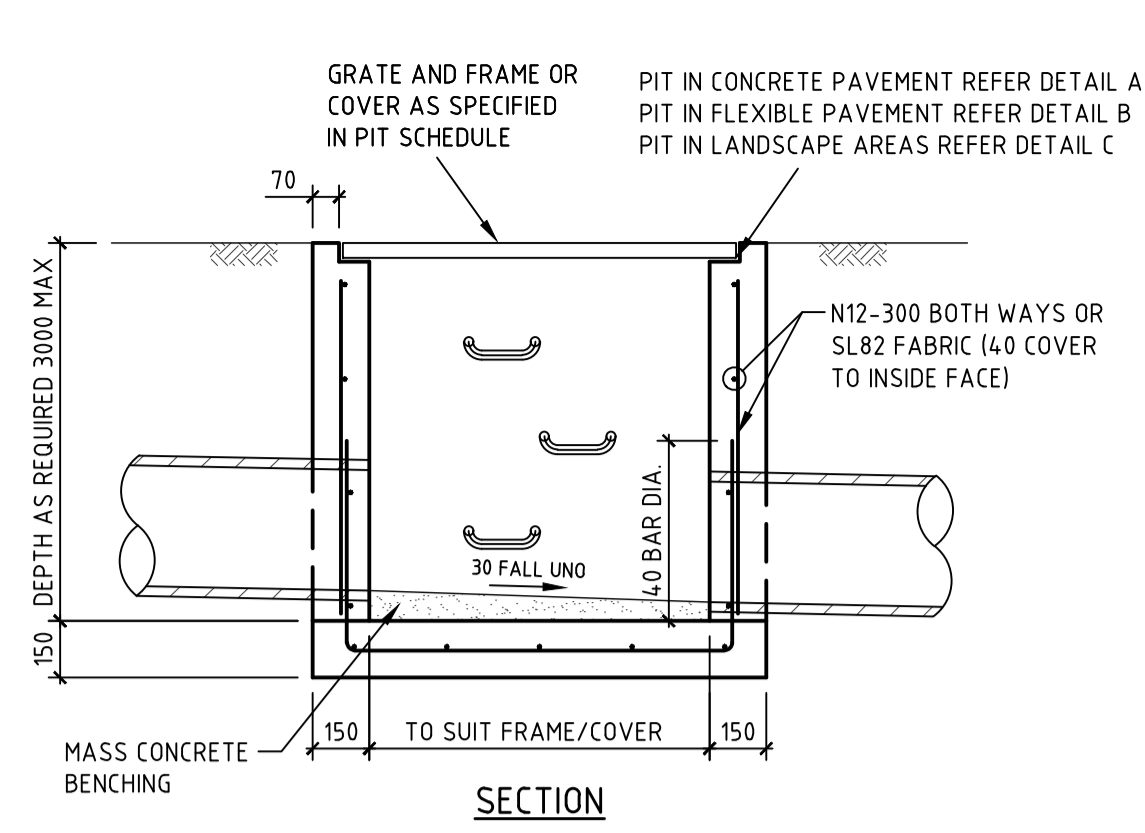
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**BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

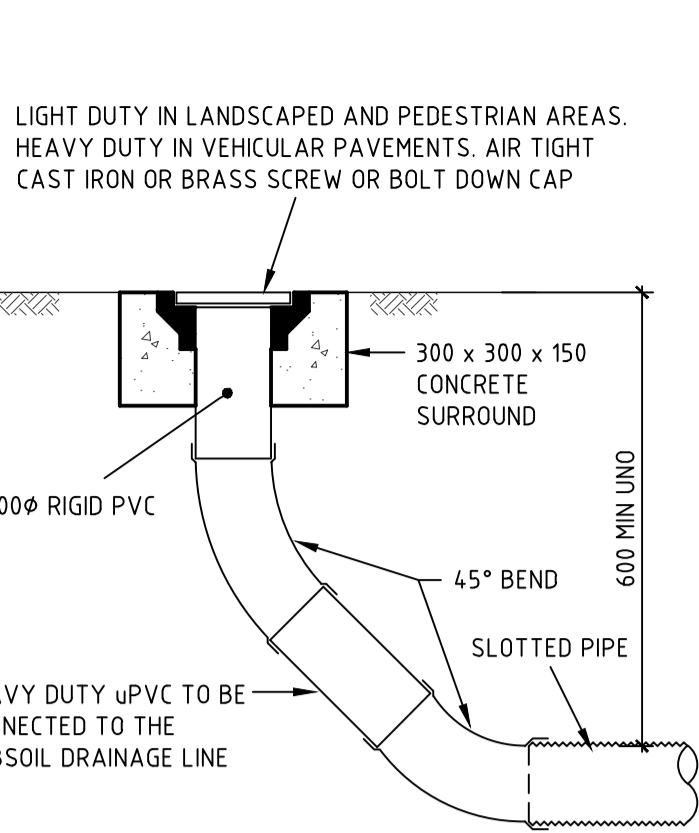
**DRAWING TITLE**  
**SITWORKS AND STORMWATER DRAINAGE DETAILS SHEET 1**

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1097901C	PA	-	-	-
<b>C00-60</b>			<b>08</b>	

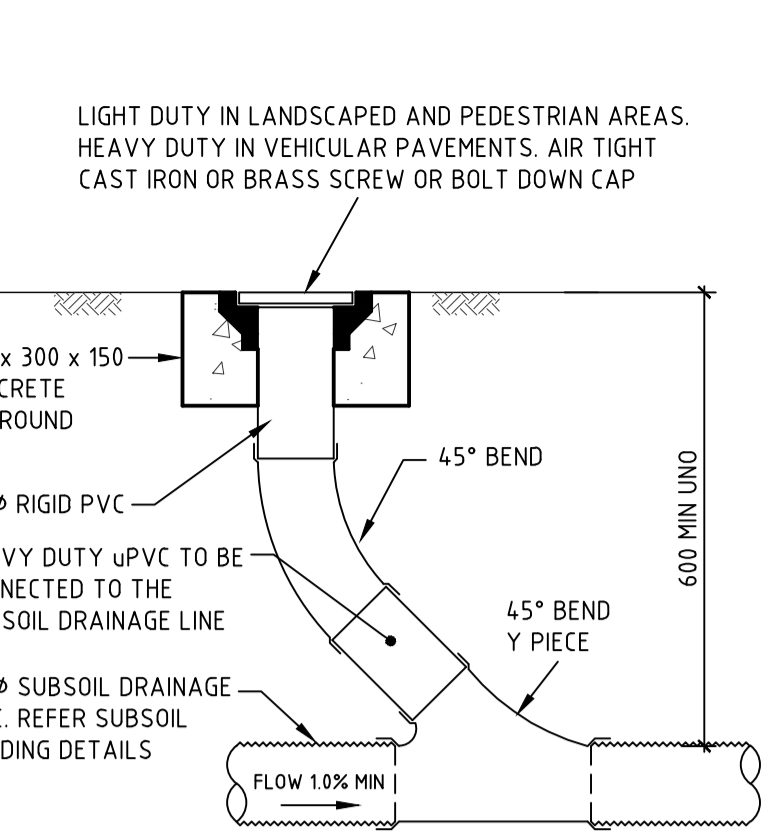




**FLUSHOUT RISER (FOR) IN PAVING BRICKS**  
SCALE 1:10



**FLUSHOUT RISER (FOR) IN LANDSCAPED AREAS**  
SCALE 1:10

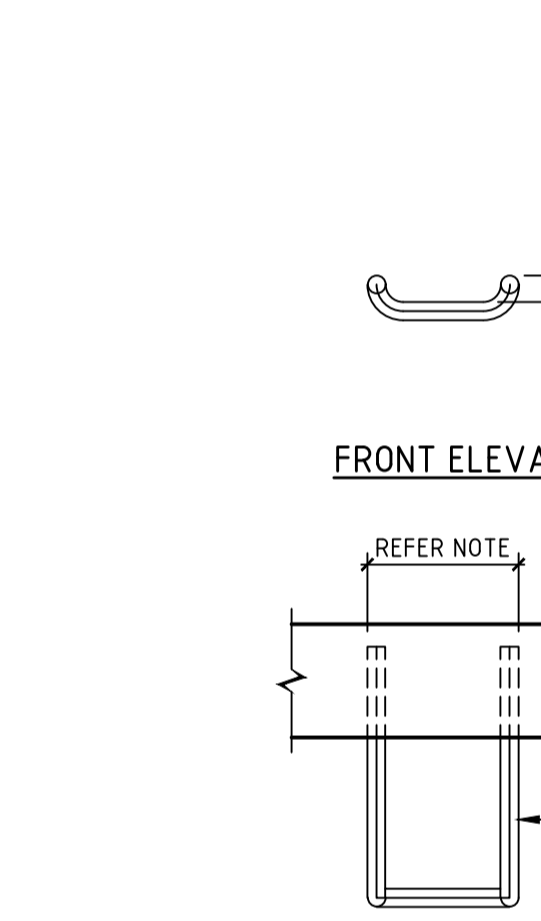


**INTERMEDIATE RISER**  
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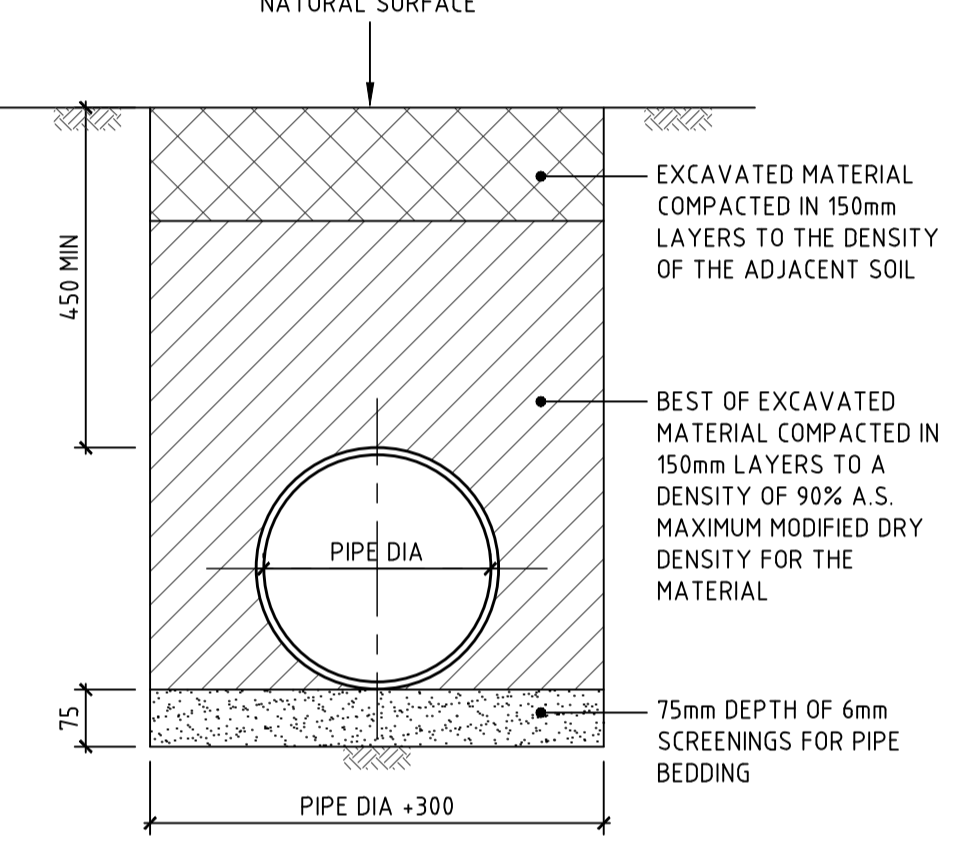
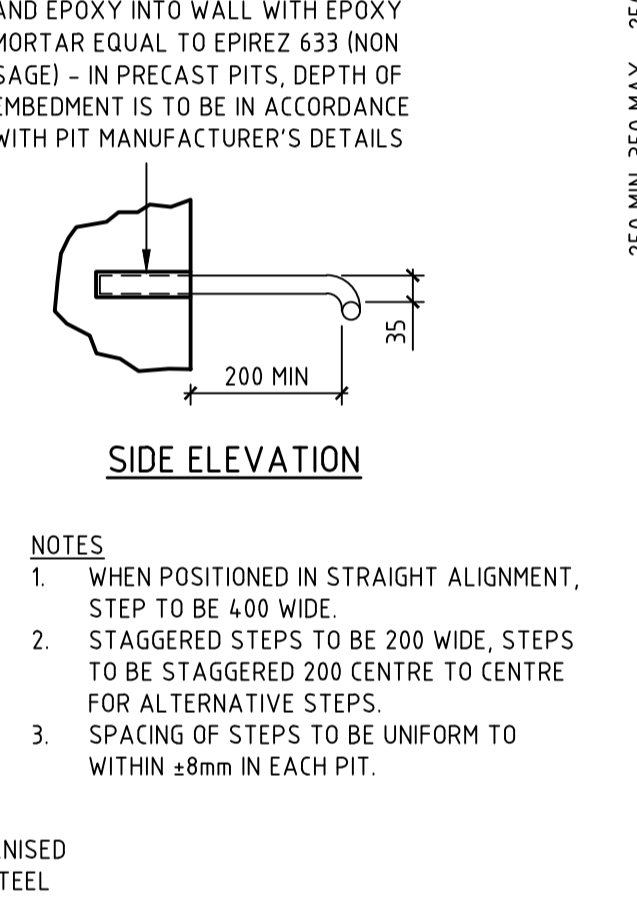
**SURFACE INLET/JUNCTION PIT DETAIL**  
SCALE 1:20

- STORMWATER PIT NOTES**
1. CONCRETE TO HAVE A MIN. COMPRESSIVE STRENGTH (F<sub>c</sub>) OF 25 MPa AT 28 DAYS.
  2. REINFORCEMENT NOT REQUIRED IF DEPTH OF PIT IS LESS THAN 1000mm. PITS GREATER THAN 3000mm DEEP TO HAVE WALL AND BASE 200mm THICK REINFORCED WITH N12-250 EACH WAY EACH FACE WITH CONCRETE STRENGTH F<sub>c</sub> = 40 MPa.
  3. PROVIDE STEP IRONS AT MAX 350mm CTRS IF DEPTH OF PIT EXCEEDS 1200mm.
  4. IF REINFORCING FABRIC IS TO BE USED REFER TO WALL AND CORNER DETAILS.
  5. PRECAST PITS ARE TO GENERALLY COMPLY WITH THESE DETAILS.
  6. PRECAST PIT MAY BE USED SUBJECT TO ENGINEERS APPROVAL.
  7. ALL PITS TO BE LOCKABLE.
  8. FINAL INTERNAL PIT DIMENSIONS ARE TO COMPLY WITH AS 3500.

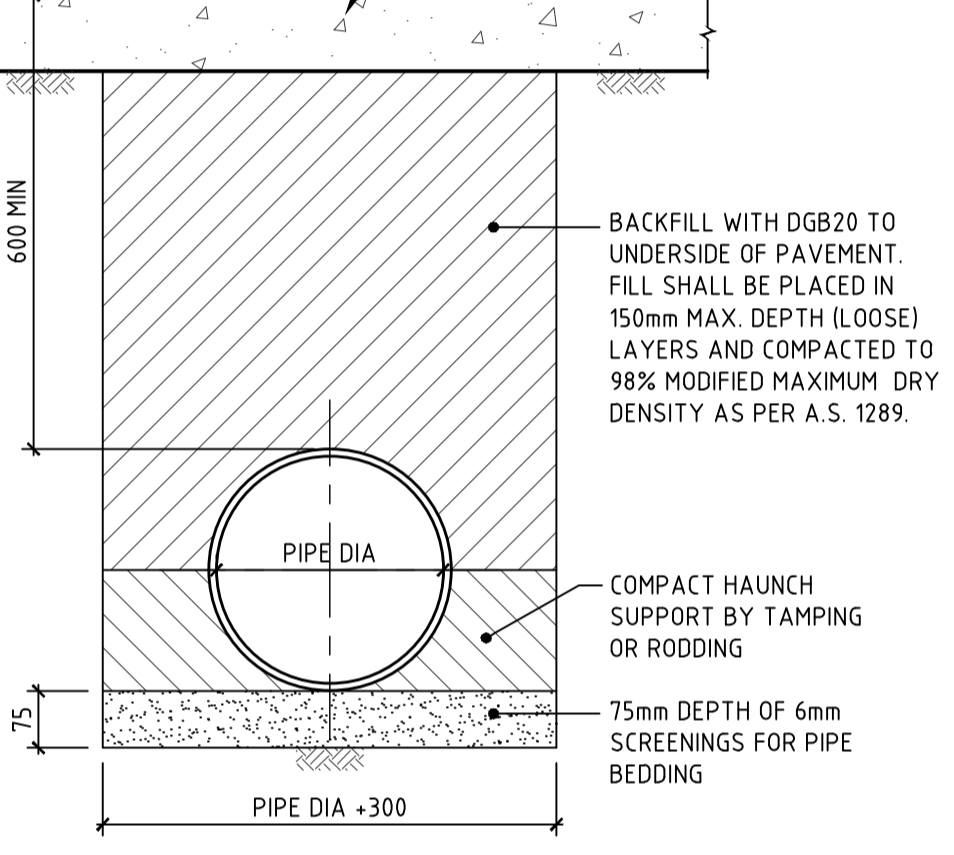
**KERB INLET PIT DETAIL**  
SCALE 1:20



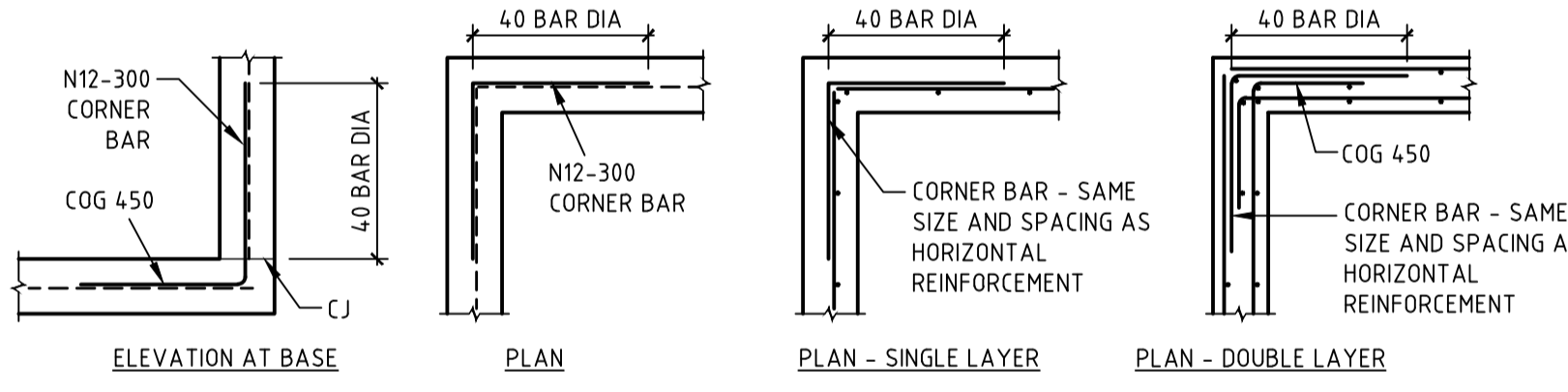
**PIT ACCESS STEP DETAIL**  
SCALE 1:10



**PIPE LAYING DETAIL (ALL PIPES) UNDER LANDSCAPED AREAS**  
SCALE 1:10

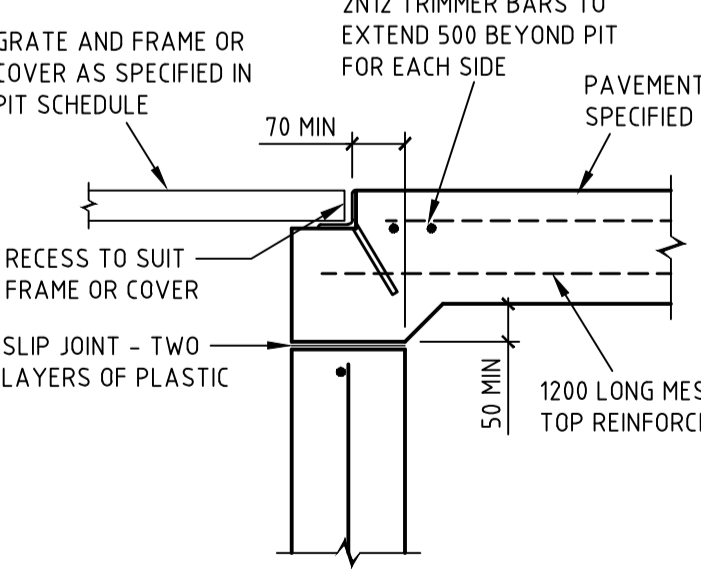


**PIPE LAYING DETAILS UNDER ALL PAVEMENTS**  
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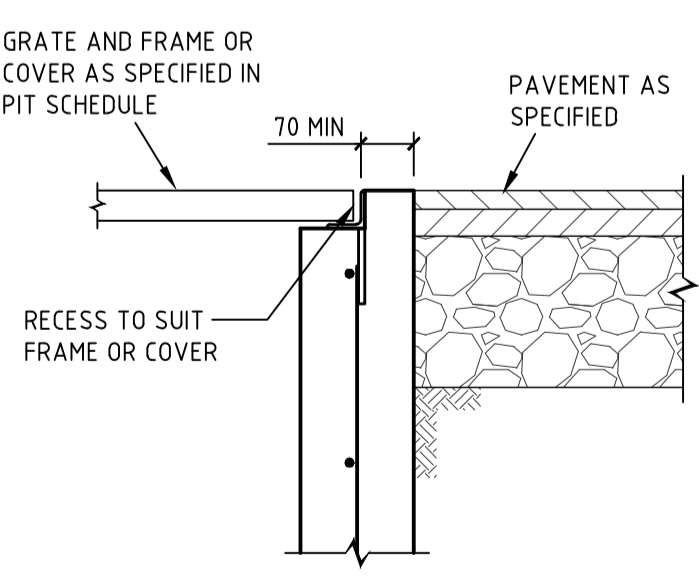


**PIT CORNER DETAILS**  
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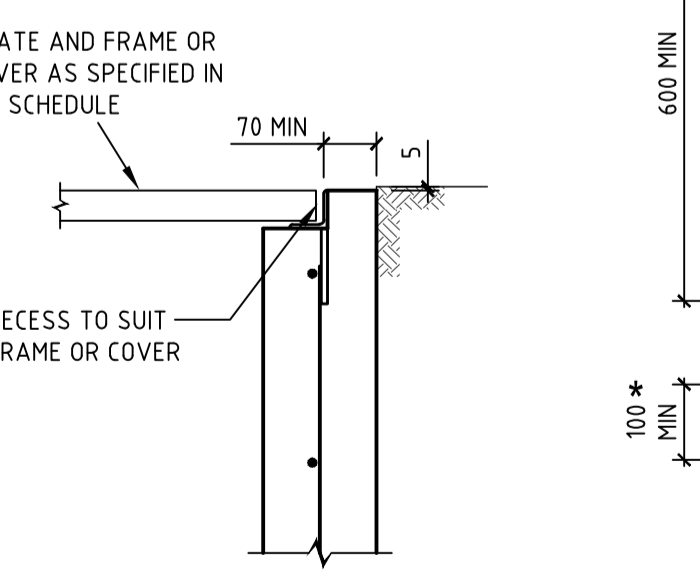
NOTE: DESIGNER TO VERIFY EXTENT OF DETAILING



**DETAIL A**  
SCALE 1:10

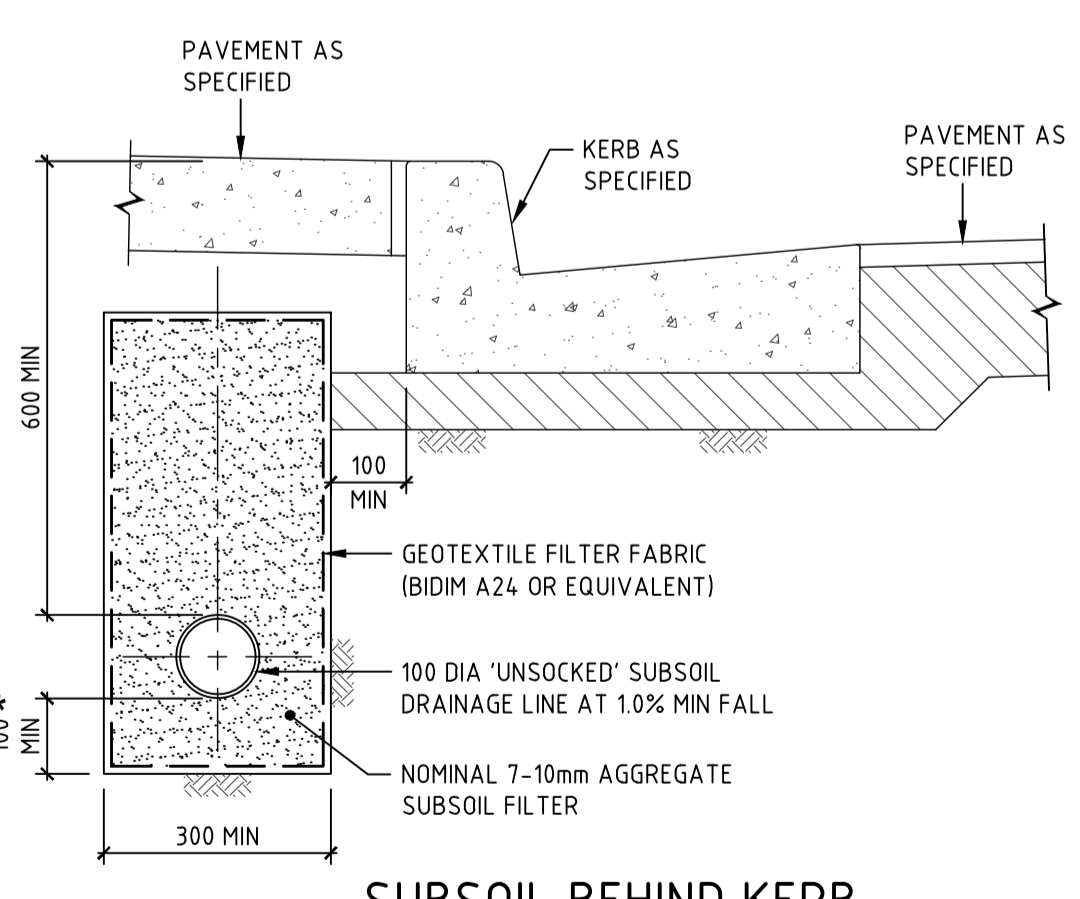


**DETAIL B**  
SCALE 1:10

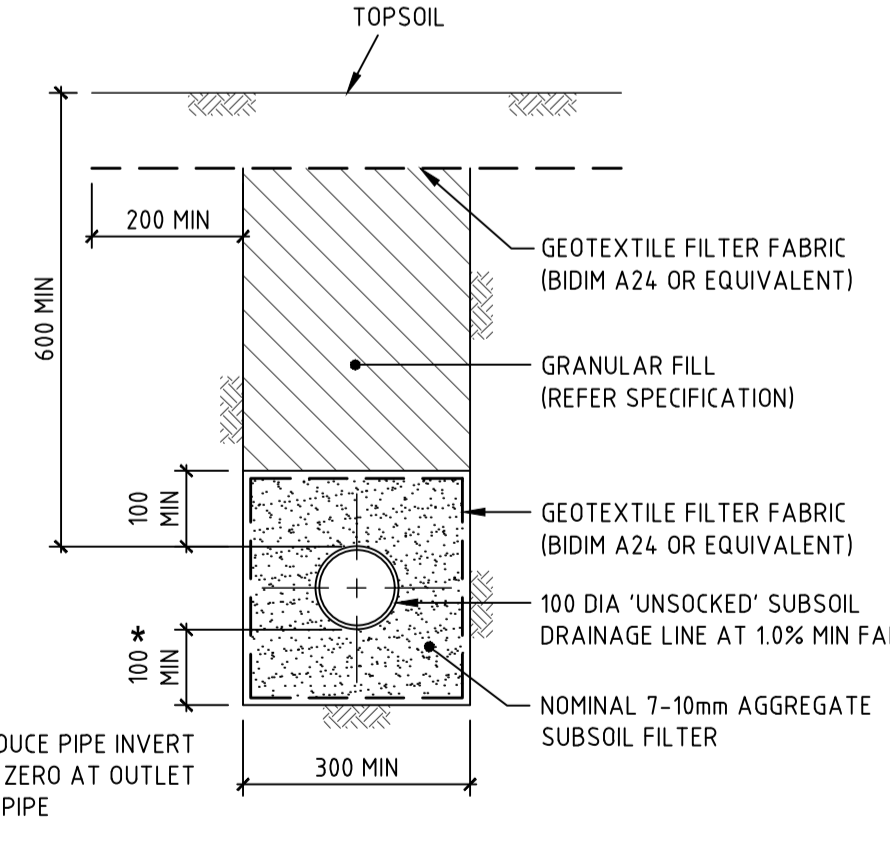


**DETAIL C**  
SCALE 1:10

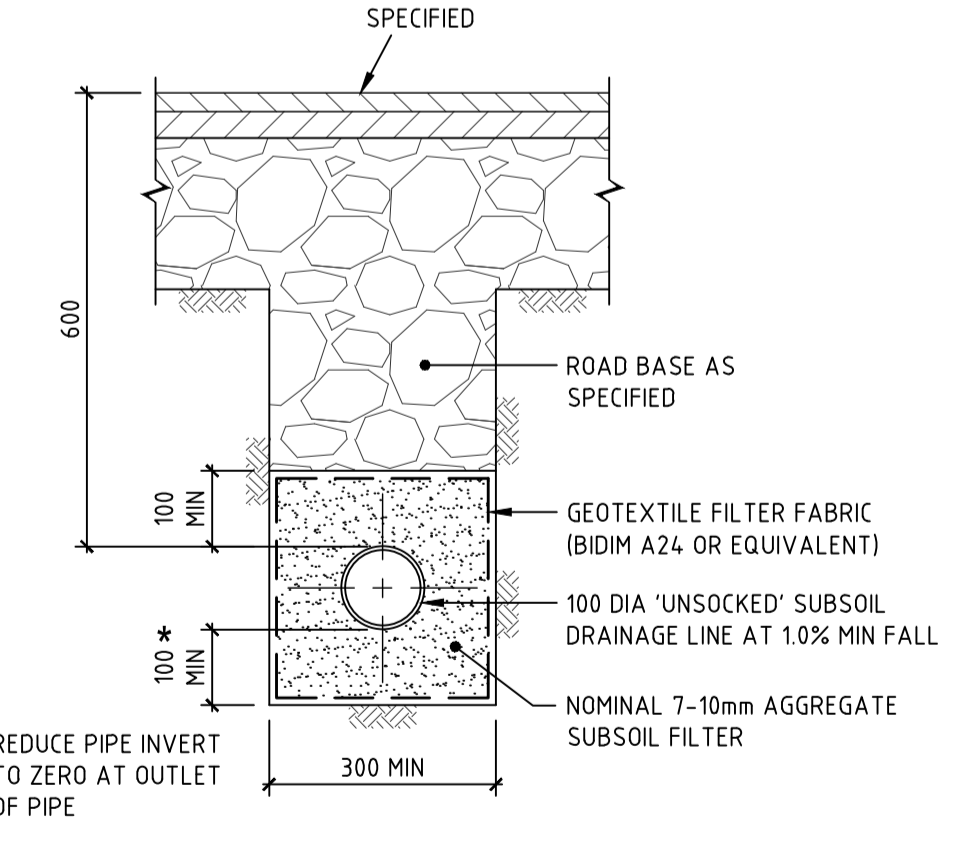
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SCALE 1:10



**SUBSOIL BEHIND KERB**  
SCALE 1:10



**SUBSOIL IN LANDSCAPED AREAS**  
SCALE 1:10



**SUBSOIL IN PAVED AREAS**  
SCALE 1:10

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REV.	DETAILS	DATE
01	PRELIMINARY DRAFT ISSUE	25.02.19
02	SCHEMATIC DESIGN	12.03.19
03	FOR SEARS	21.06.19
04	ISSUED FOR DETAILED DESIGN	28.06.19
05	FOR SEARS	19.07.19
06	FOR SEARS	23.08.19
07	SSDA SUBMISSION	31.07.20
08	SSDA SUBMISSION	14.08.20

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**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY**  
**BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

**DRAWING TITLE**  
**SITWORKS AND STORMWATER**  
**DETAILS SHEET 2**

**SSDA SUBMISSION**

**JOB No.** 1097901C  
**DRAWN** PA  
**CHECKED** -  
**DATE** -

**REVISION**

**C00-61**

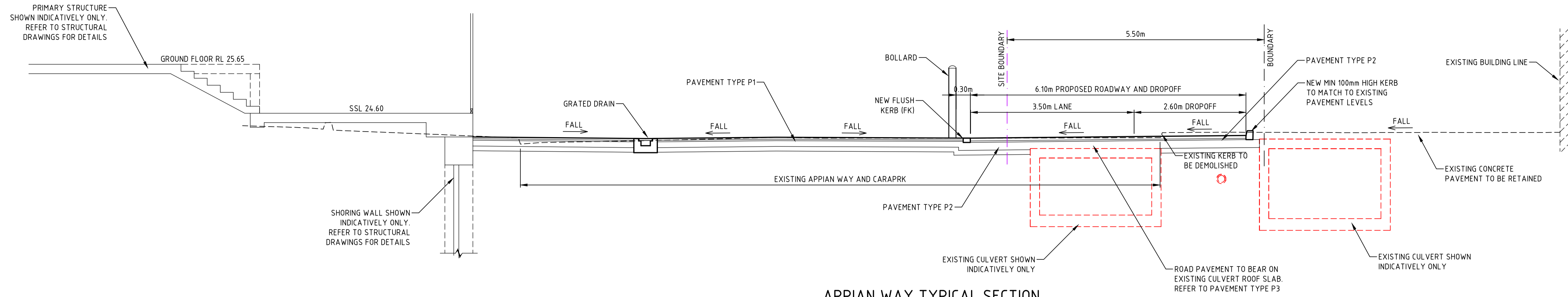
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**SCALE**  
NORTH

**REVISION**  
DATE

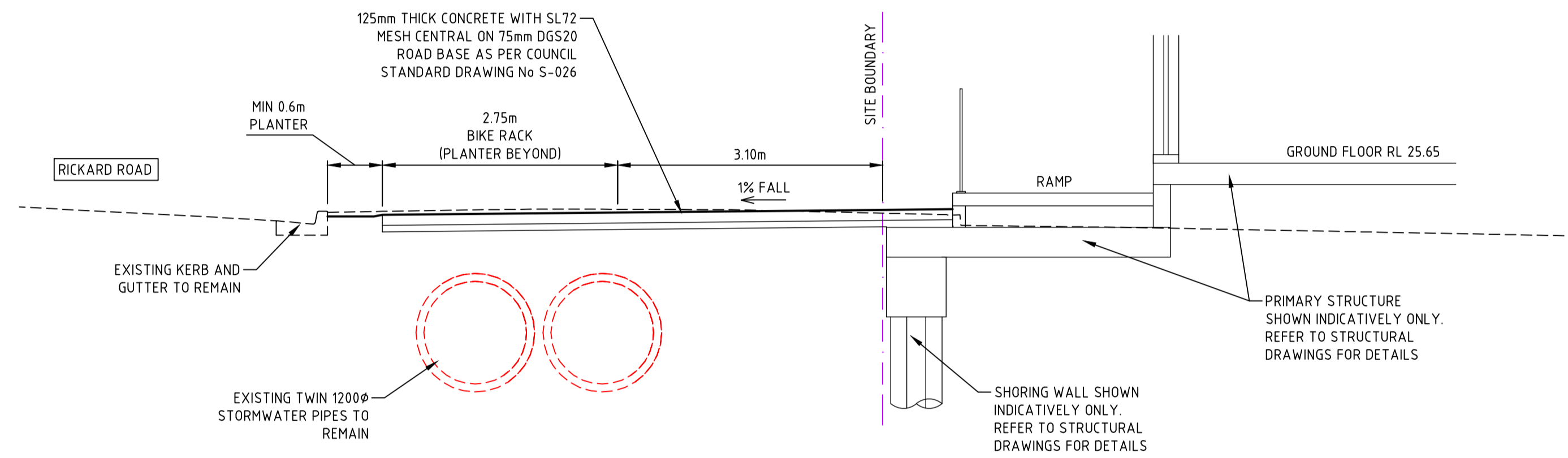
**08**

A1 841 x 594  
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APPIAN WAY TYPICAL SECTION

SECTION 1  
SCALE 1:50 (C00-43)



RICKARD ROAD FRONTAGE TYPICAL SECTION

SECTION 2  
SCALE 1:50 (C00-43)

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REV.	DETAILS	DATE
01	FOR SEARS	18.07.19
02	FOR SEARS	23.08.19
03	SSDA SUBMISSION	31.07.20
04	SSDA SUBMISSION	14.08.20

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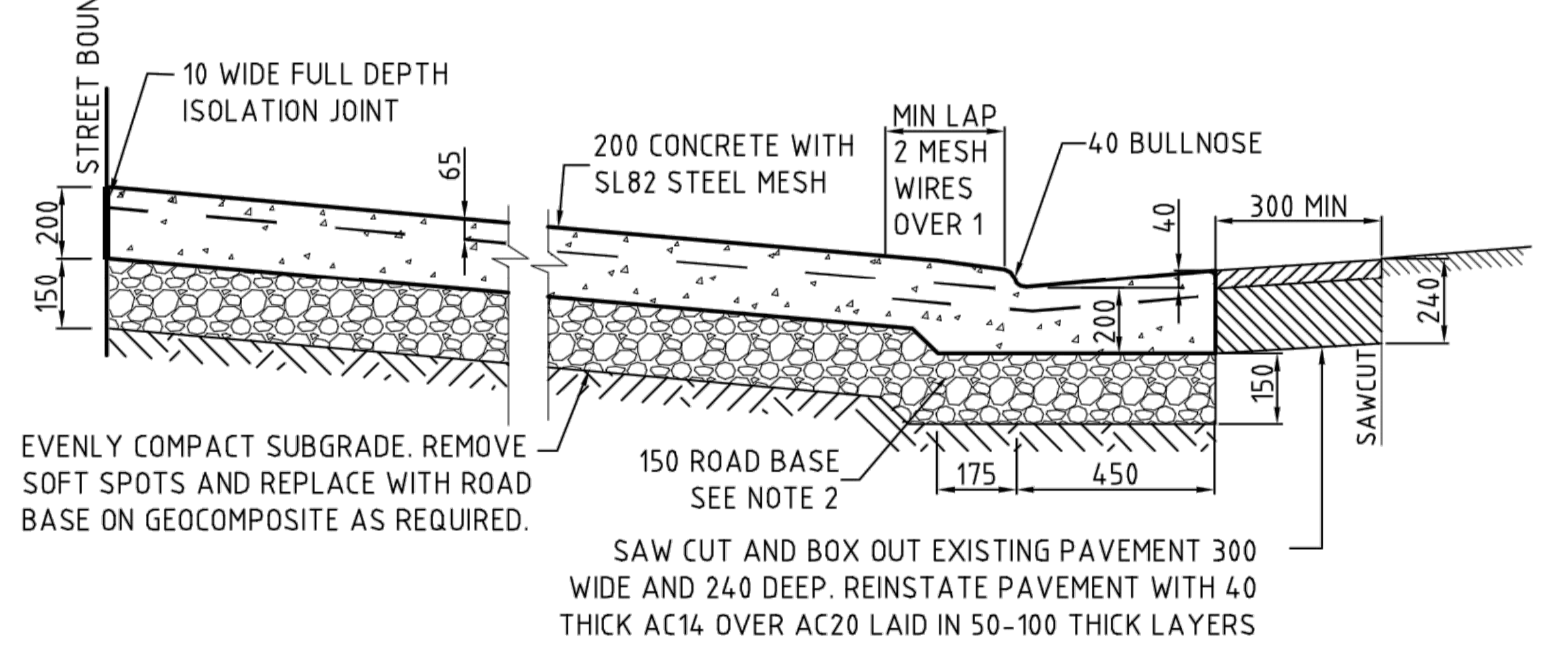
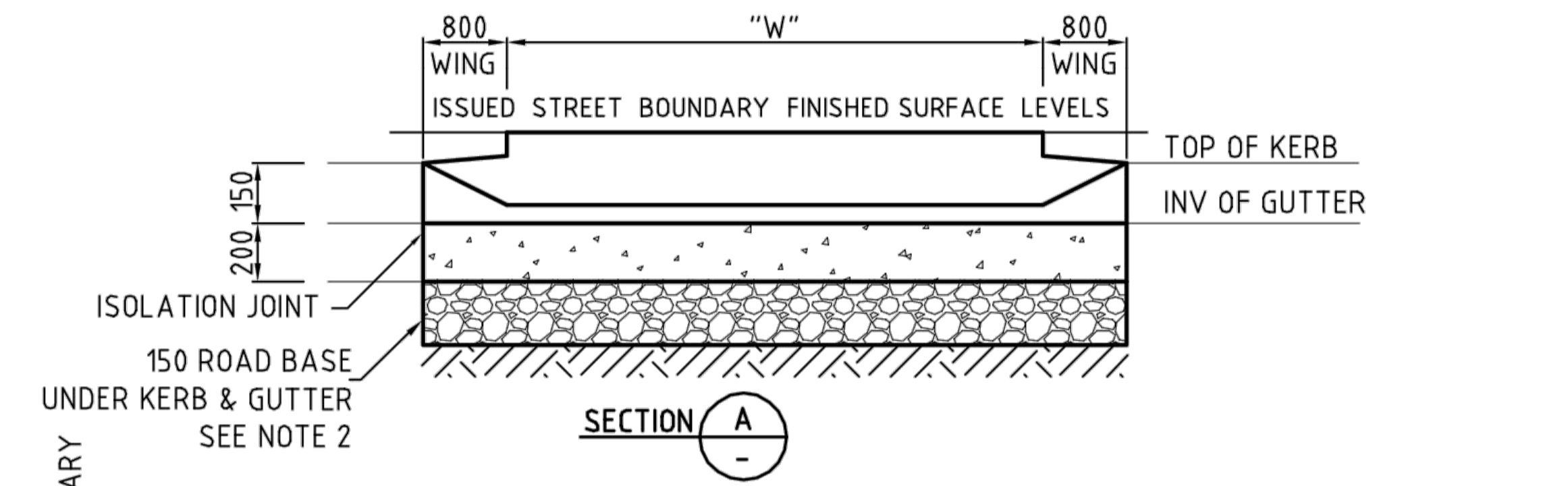
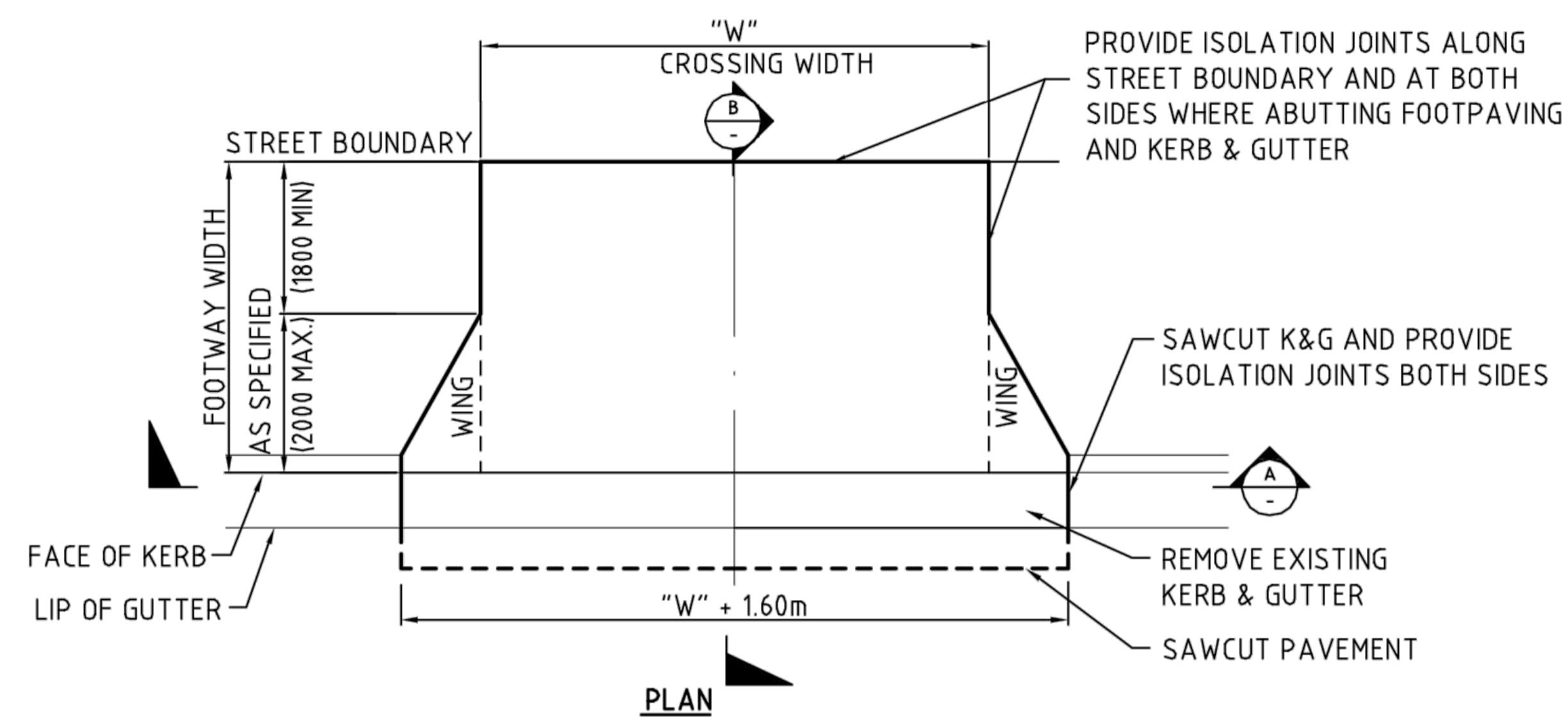
PROJECT  
**NEW WESTERN SYDNEY UNIVERSITY  
BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION  
OF 375 CHAPEL ROAD

DRAWING TITLE  
**TYPICAL SITE SECTIONS**

JOB No.			DRAWN			CHECKED			DATE		
1097901C			JF			-			-		
DRAWING No.			REVISION								
C00-62			04								

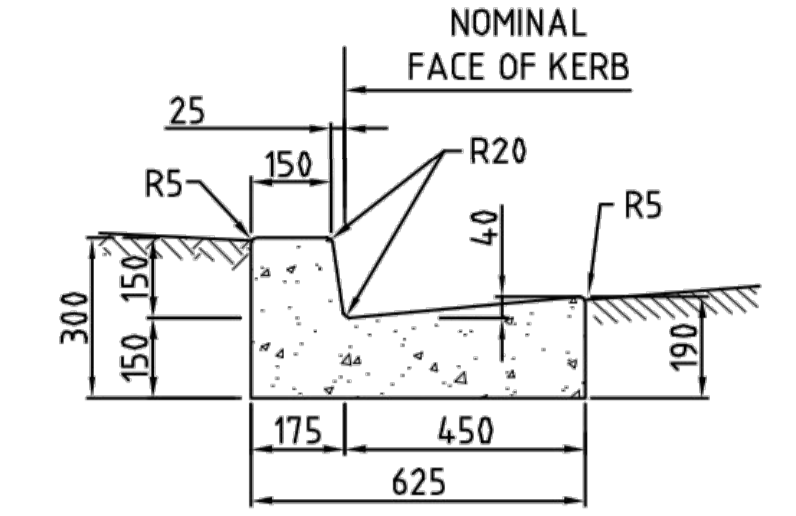
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SCALE  
1:50 @ A1

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REFER TO ATTACHED 'DESIGN LEVELS' PLAN FOR LEVELS AND DIMENSIONS

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE



STANDARD KERB & GUTTER

NOTES :

- VEHICULAR FOOTWAY CROSSING LEVELS AND DIMENSIONS TO BE IN ACCORDANCE WITH DETAILED DRAWING ISSUED BY COUNCIL
- ROAD BASE MATERIAL IS TO BE CRUSHED ROCK GRADED TO DGB20, CRUSHED CONCRETE GRADED TO DGS20, OR GRADED RECYCLED ASPHALT WITH MAX. PARTICLE SIZE OF 20.
- CONCRETE: STRENGTH GRADE N32, 20mm MAX SIZE AGGREGATE, IN ACCORDANCE WITH AS3600
- RMS 40MPa SP4.0H CONCRETE MIX (WITH <math>-0.8\%</math> CaCl<sub>2</sub>) CAN BE USED TO ALLOW TRAFFIC AFTER 12 HOURS. CaCl<sub>2</sub> IS CORROSIVE AND ALL STEEL MESH AND DOWELS MUST BE GALVANISED.
- ASPHALT HOTMIX TO BE SUPPLIED AND COMPACTED AT A MINIMUM TEMPERATURE OF 140°C IN ACCORDANCE WITH AS2150. (COLD MIX NOT PERMITTED).
- ISOLATION JOINTS SHALL CONSIST OF FULL DEPTH 10MM THICK COMPRESSIBLE FILLER. EITHER BITUMEN IMPREGNATED FIBREBOARD OR CLOSED CELL POLYETHYLENE FOAM SEALED WITH 10x10 POLYURETHANE SEALANT. ISOLATION JOINTS SHALL BE INSTALLED WHERE THE CONCRETE SLAB ABUTS HARD SURFACES.
- PAVEMENT ADJOINING KERB AND GUTTER IS TO BE RECONSTRUCTED 300mm WIDE AS DETAILED. COUNCILS SUPERVISOR MAY ALLOW THE EXISTING PAVEMENT TO BE RETAINED IF IN GOOD CONDITION. ALTERNATE AC LAYERING MAY BE APPROVED.
- PROVIDE 65 TOP COVER TO STEEL MESH REINFORCEMENT AND 75 COVER AT ENDS. STEEL MESH IS TO BE PLACED ON PLASTIC BAR CHAIRS IN A REGULAR GRID NOT EXCEEDING 1.0m SPACING.
- POLYETHYLENE SHEETING IS TO BE PLACED UNDER THE CONCRETE WHERE THE VFC IS CONTAINED ON BOTH SIDES BY FULL WIDTH PAVING.
- ALL PERIMETER EDGES TO BE ROUNDED TO 20 RADIUS USING AN EDGING TOOL.
- ADJOINING EXISTING CONCRETE FOOTPAVING IS TO BE RECONSTRUCTED TO MATCH THE VFC AT A GRADE GENERALLY NOT EXCEEDING 1 in 14 AS REQUIRED BY THE COUNCIL SUPERVISOR.
- ADJOINING NATURAL FOOTWAY IS TO BE SHAPED TO GRADE EVENLY TO THE VFC AS REQUIRED BY THE COUNCIL SUPERVISOR. DISTURBED AREAS TO BE TURFED.
- THIS PLAN APPLIES FOR HEAVY TRUCK MOVEMENTS OF LESS THAN 25 PER DAY.
- THIS PLAN DOES NOT APPLY FOR FOOTWAY WIDTHS LESS THAN 2800.

	<b>CITY OF CANTERBURY BANKSTOWN</b>	STD DWG N°
	<b>STANDARD HEAVY DUTY VEHICULAR FOOTWAY CROSSING (VFC)</b>	S-009
	PLAN VIEW, SECTIONS AND GENERAL NOTES	Sheet N°: 1 of 1 Revision: 1/05/2017 File Name: S-009.dwg

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REV.	DETAILS	DATE
01	FOR SEARS	19.07.19
02	FOR SEARS	23.08.19
03	SSDA SUBMISSION	31.07.20
04	SSDA SUBMISSION	14.08.20

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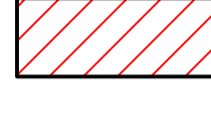
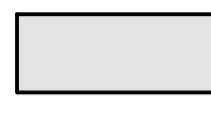

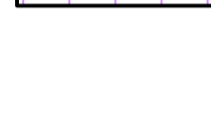
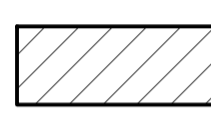


**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY BANKSTOWN CITY CAMPUS**  
 74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

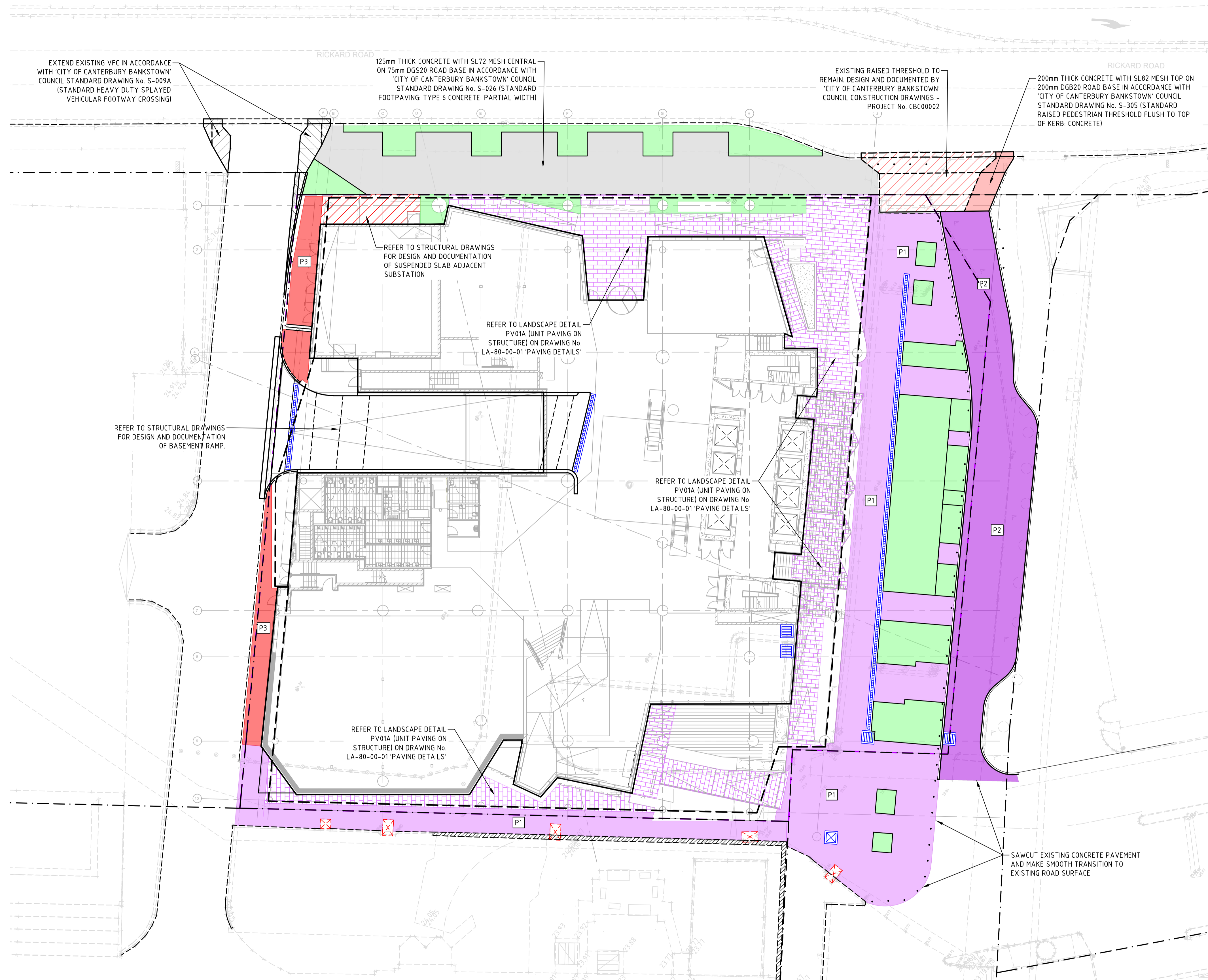
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**COUNCIL STANDARD LAYBACK**

SSDA SUBMISSION		NORTH	
JOB No. 1097901C		SCALE NOTED	
DRAWN PA	CHECKED -	DATE -	
DRAWING No. C00-65	REVISION		04

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**PAVEMENT LEGEND**

-  PAVEMENT TYPE P1  
LIGHT DUTY UNIT PAVERS
-  PAVEMENT TYPE P2  
HEAVY DUTY UNIT PAVERS
-  PAVEMENT TYPE P3  
CONCRETE FOOTPATH PAVEMENT
-  REFER TO STRUCTURAL DRAWINGS FOR DESIGN AND DOCUMENTATION OF SUSPENDED SLAB ADJACENT SUBSTATION
-  125mm THICK CONCRETE WITH SL72 MESH CENTRAL ON 75mm DGS20 ROAD BASE IN ACCORDANCE WITH 'CITY OF CANTEBURY BANKSTOWN' COUNCIL STANDARD DRAWING No. S-026 (STANDARD FOOTPAVING: TYPE 6 CONCRETE: PARTIAL WIDTH)
-  REFER TO LANDSCAPE DETAIL PV01A (UNIT PAVING ON STRUCTURE) ON DRAWING No. LA-80-00-01 'PAVING DETAILS'
-  VEHICULAR FOOTWAY CROSSING (VFC) EXTENSION IN ACCORDANCE WITH 'CITY OF CANTEBURY BANKSTOWN' COUNCIL STANDARD DRAWING No. S-009A (STANDARD HEAVY DUTY SPLAYED VEHICULAR FOOTWAY CROSSING)
-  EXISTING RAISED THRESHOLD TO REMAIN. DESIGN AND DOCUMENTED BY 'CITY OF CANTEBURY BANKSTOWN' COUNCIL CONSTRUCTION DRAWINGS - PROJECT No. CBC00002
-  200mm THICK CONCRETE WITH SL82 MESH TOP ON 200mm DGB20 ROAD BASE IN ACCORDANCE WITH 'CITY OF CANTEBURY BANKSTOWN' COUNCIL STANDARD DRAWING No. S-305 (STANDARD RAISED PEDESTRIAN THRESHOLD FLUSH TO TOP OF KERB: CONCRETE)
-  LANDSCAPE (REFER TO LANDSCAPE CONSULTANTS DRAWINGS AND SPECIFICATIONS)



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**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY**  
**BANKSTOWN CITY CAMPUS**  
 74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

**DRAWING TITLE**  
**OVERALL PAVEMENT PLAN**

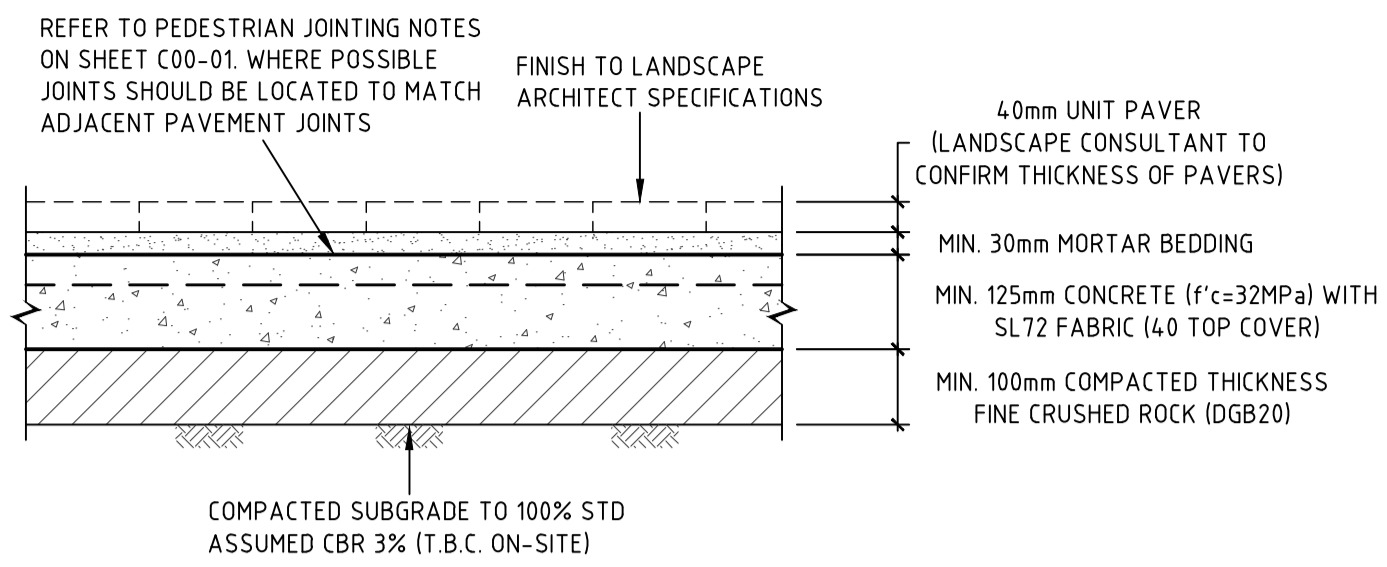
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JOB No.	DRAWN	CHECKED	DATE
1097901C	PA		

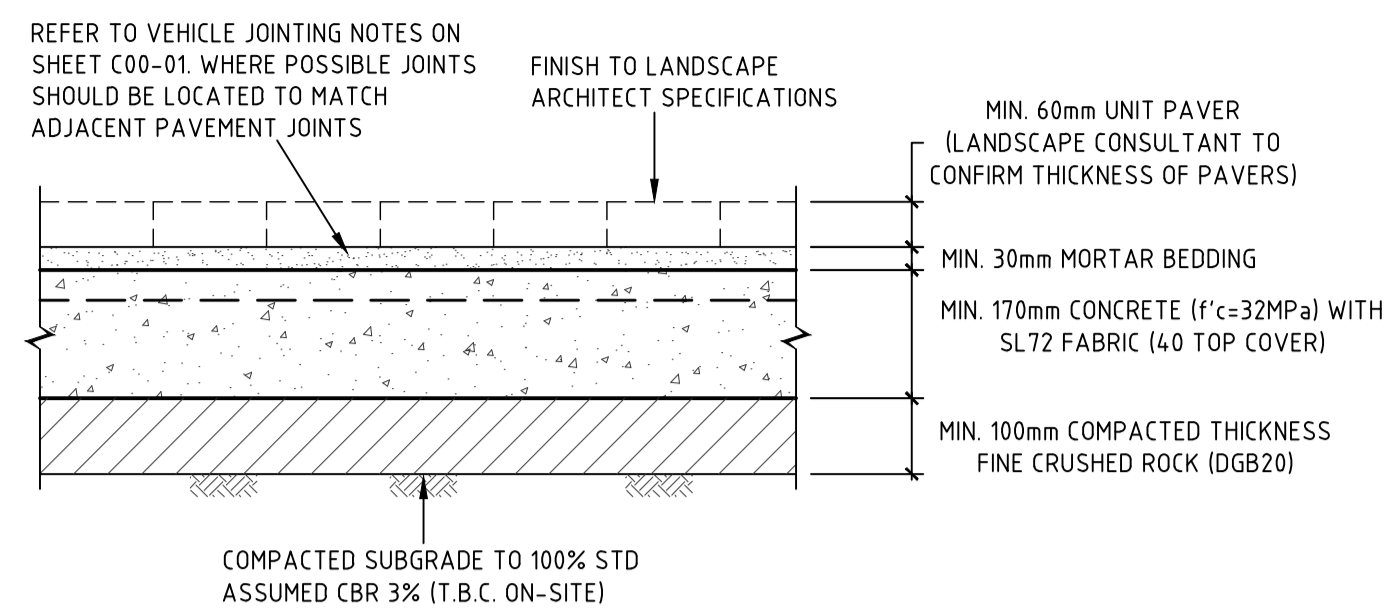
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<b>C00-70</b>	<b>08</b>

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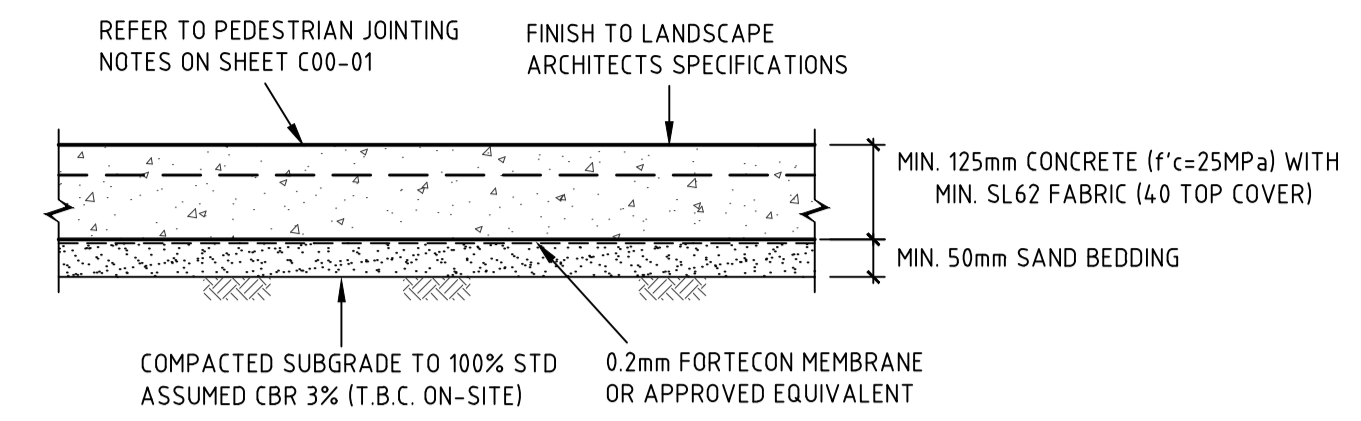
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PEDESTRIAN UNIT PAVERS ON GRADE**

SCALE 1:10



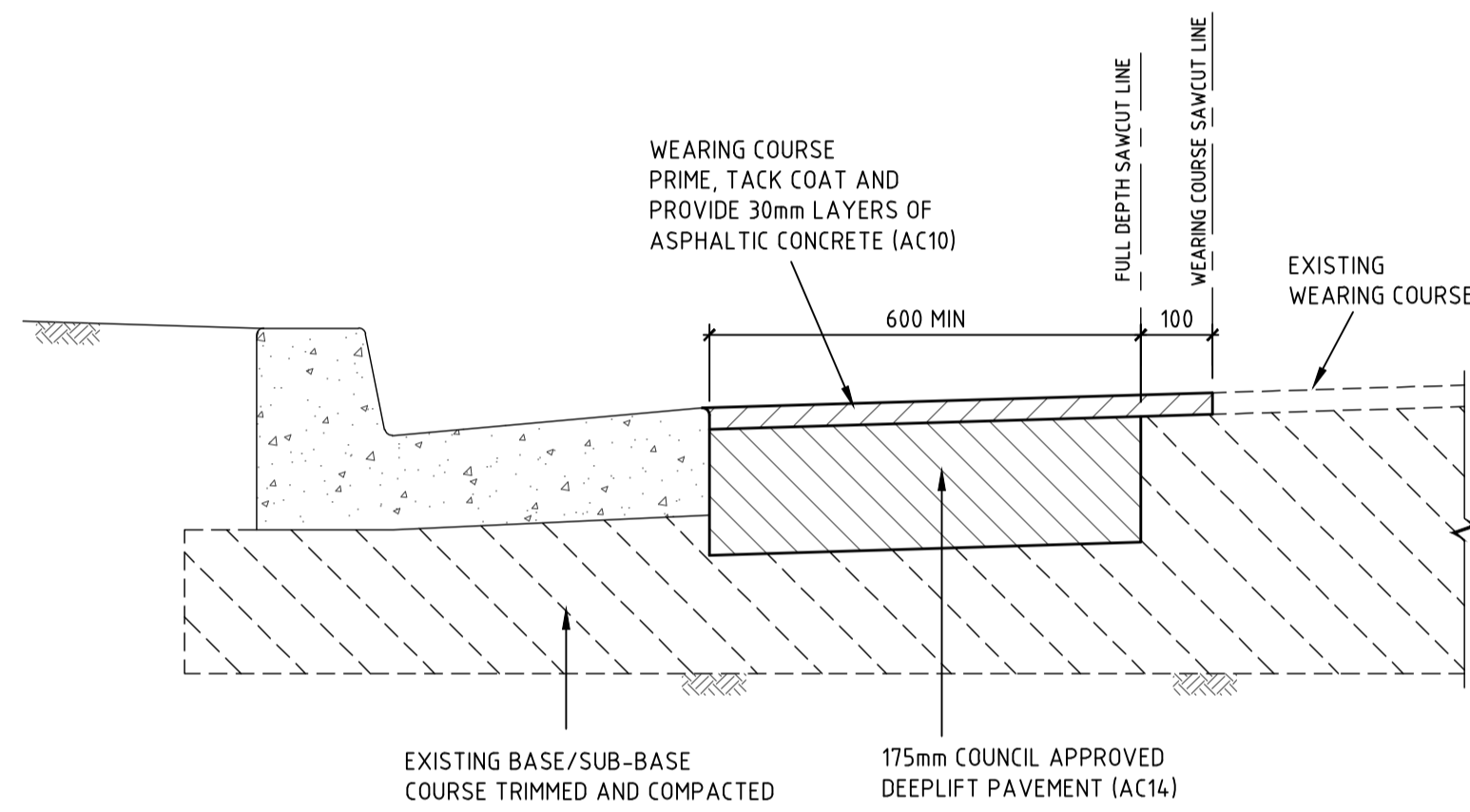
**PAVEMENT TYPE P2  
TRAFFICABLE UNIT PAVERS**

SCALE 1:10



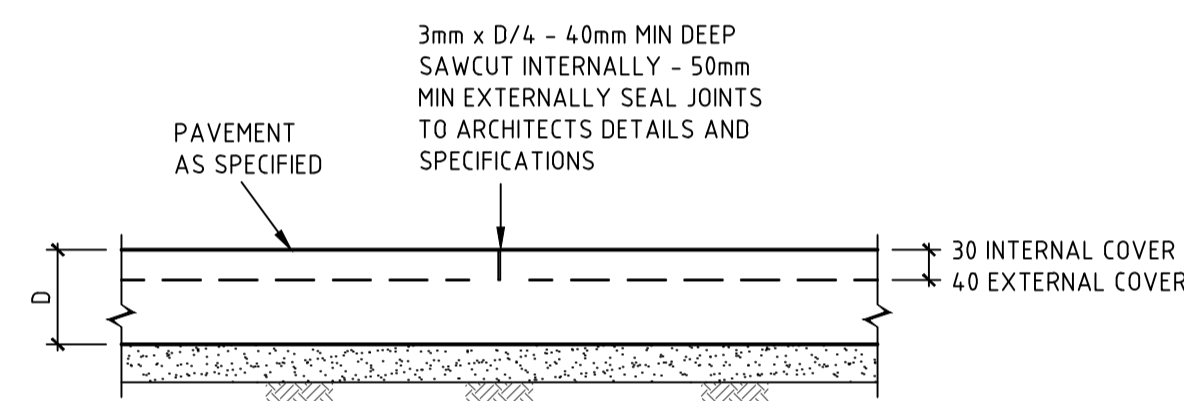
**PAVEMENT TYPE P3  
CONCRETE FOOTPATH PAVEMENT**

SCALE 1:10



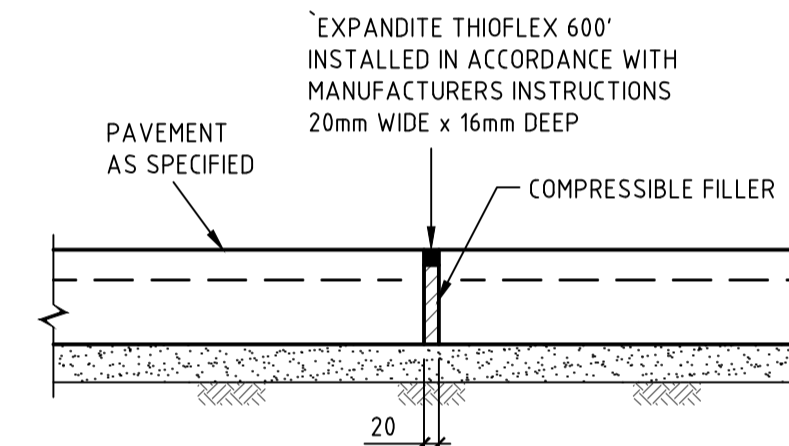
**PAVEMENT - DEEPLIFT**

SCALE 1:10



**SAWCUT JOINT (SJ)**

SCALE 1:10

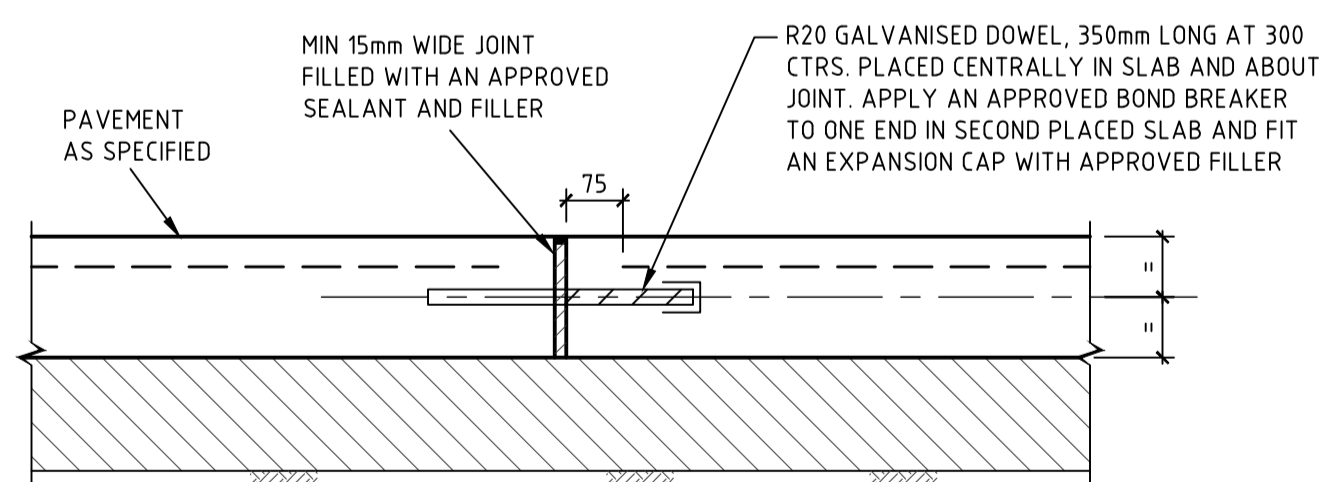


**EXPANSION JOINT (EJ)**

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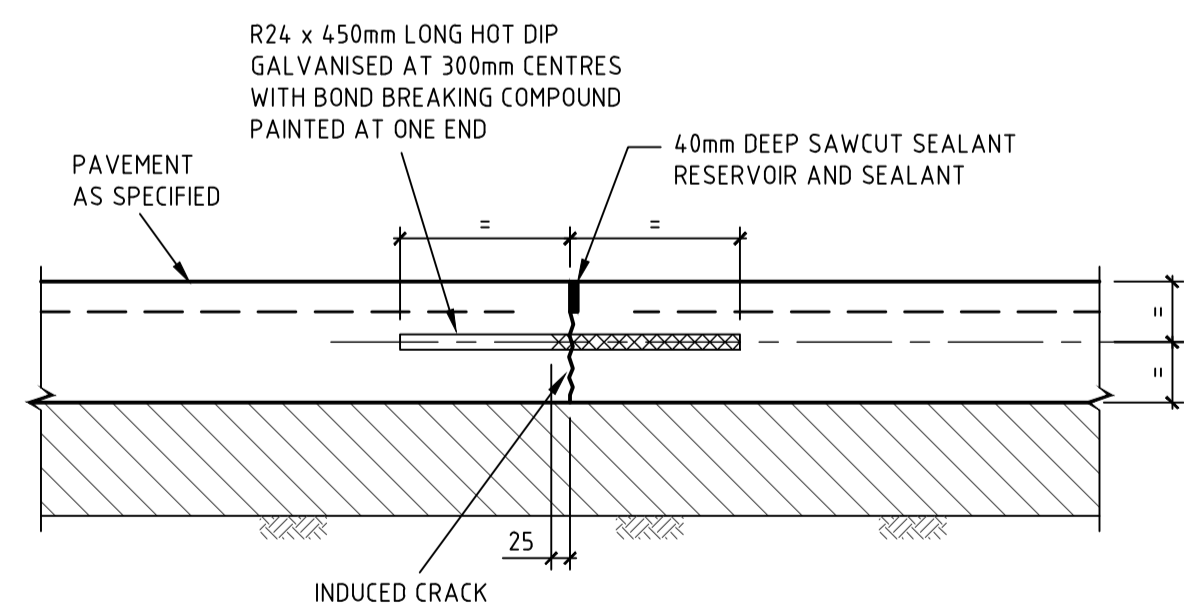
**NOTES**

1. SLAB MUST BE SAWCUT AS SOON AS PRACTICABLE AFTER FINISHING OF THE SLAB WITHOUT CAUSING DAMAGE TO THE SAWCUT EDGES - USUALLY 12-24 HOURS.
2. SLABS MUST NOT BE POURED IF TEMPERATURE EXCEEDS 32°
3. HOT WEATHER PLACING (25° AND OVER) MAY REQUIRE SLABS TO BE SAWCUT AS SOON AS 5-6 HOURS AFTER POURING.
4. ANY SLAB BAY IN WHICH SHRINKAGE CRACKS OCCUR DUE TO LATE SAWCUTTING MUST BE REMOVED AND REPLACED BY THE BUILDER/CONTRACTOR.



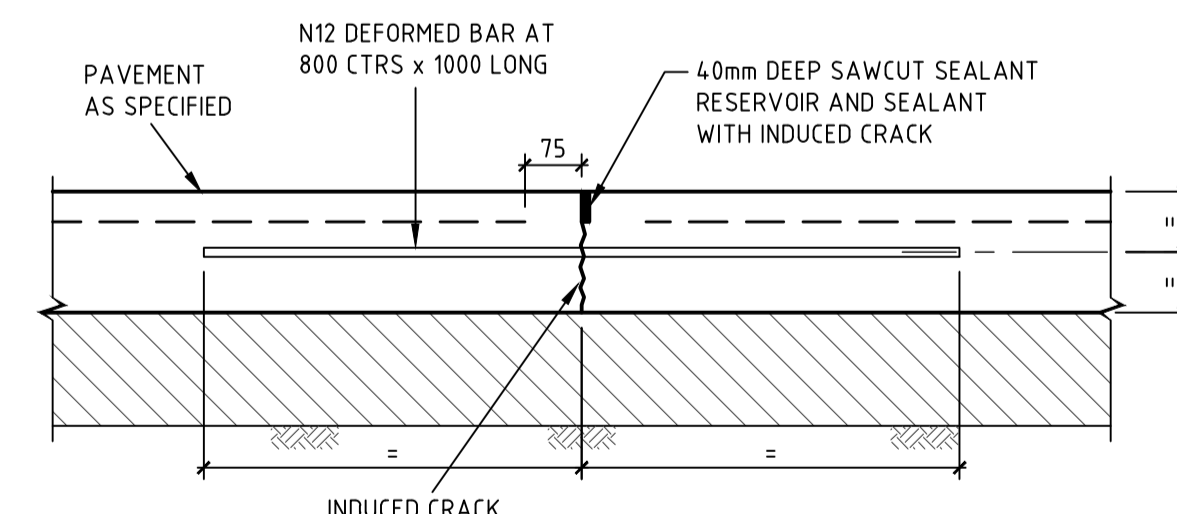
**DOWELLED EXPANSION JOINT (DEJ)**

SCALE 1:10



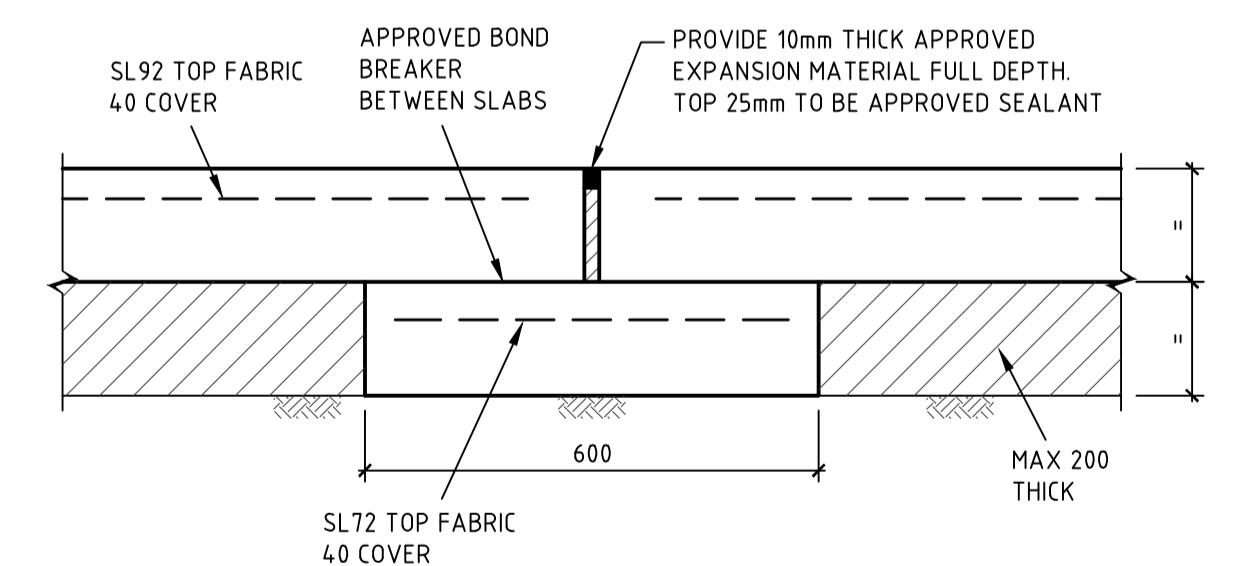
**TRANSVERSE CONTRACTION JOINT (TCJ)**

SCALE 1:10



**LONGITUDINAL WARPING JOINT (LWJ)**

SCALE 1:10



**ISOLATION JOINT (IJ) WITH SUBGRADE BEAM**

SCALE 1:20

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**REV. DETAILS DATE**  
01 5304 SUBMISSION 31.07.20  
02 5304 SUBMISSION 14.08.20

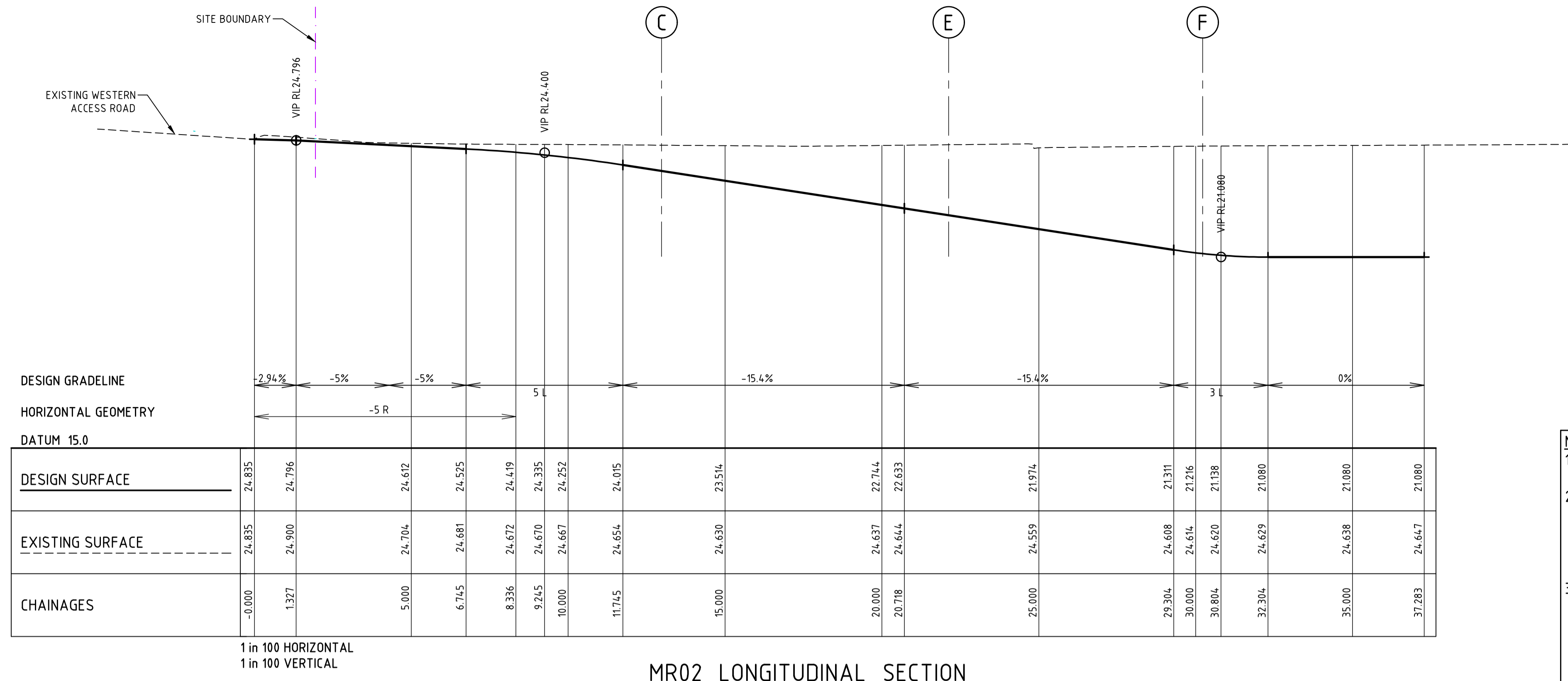
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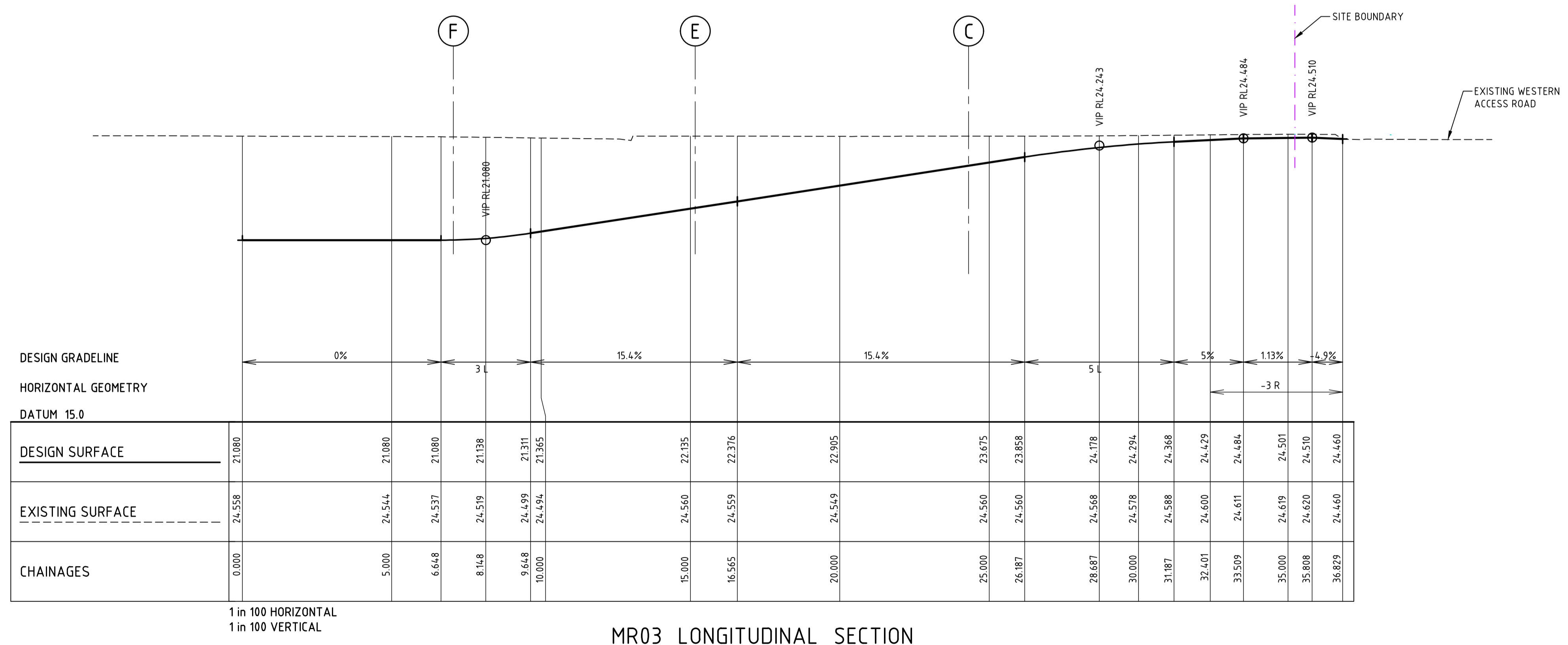
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**NEW WESTERN SYDNEY UNIVERSITY  
BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION  
OF 375 CHAPEL ROAD  
**DRAWING TITLE**  
**PAVEMENT DETAILS**

**SSDA SUBMISSION**  
**SCALE**  
1:10 @ A1  
**DATE**  
-  
**REVISION**  
-  
**JOB No.** 1097901C  
**DRAWN** JF  
**CHECKED** -  
**DRAWING No.** C00-75  
**REVISION** 02



MR02 LONGITUDINAL SECTION

- NOTES**
- REFER TO DRAWING C00-81 FOR KERB SETOUTS
  - EXISTING GROUND SURFACE INTERPOLATED FROM SITE SURVEY SUPPLIED BY 'RPS AUSTRALIA EAST' PTY LTD JOB No. PR140676 ISSUE D DATED 21.07.20 DRAWING No. PR140676-DS-001D
  - RAMP DESIGN HAS BEEN CHECKED WITH GROUND CLEARANCE TEMPLATES FOR A MEDIUM RIGID VEHICLE IN-LIEU OF THE MAXIMUM CHANGE OF GRADE SPECIFIED IN AS2890.2 TABLE 3.2. REFER TO TRAFFIC CONSULTANTS DOCUMENT SUPPLIED BY 'ARUP' JOB No. 263785-00 DRAWING No. SKT001 REV A DATED 29/07/20.



MR03 LONGITUDINAL SECTION

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**LANDSCAPE ARCHITECT**  
**Aspect Studios**  
Level 4/160 Queen Street Melbourne VIC 3000 T: +61 3 9417 6844

REV.	DETAILS	DATE
01	ISSUED FOR DETAILED DESIGN	28.06.19
02	FOR SEARS	19.07.19
03	FOR SEARS	23.08.19
04	SSDA SUBMISSION	31.07.20
05	SSDA SUBMISSION	14.08.20

**CLIENT**  
**WESTERN SYDNEY UNIVERSITY**  
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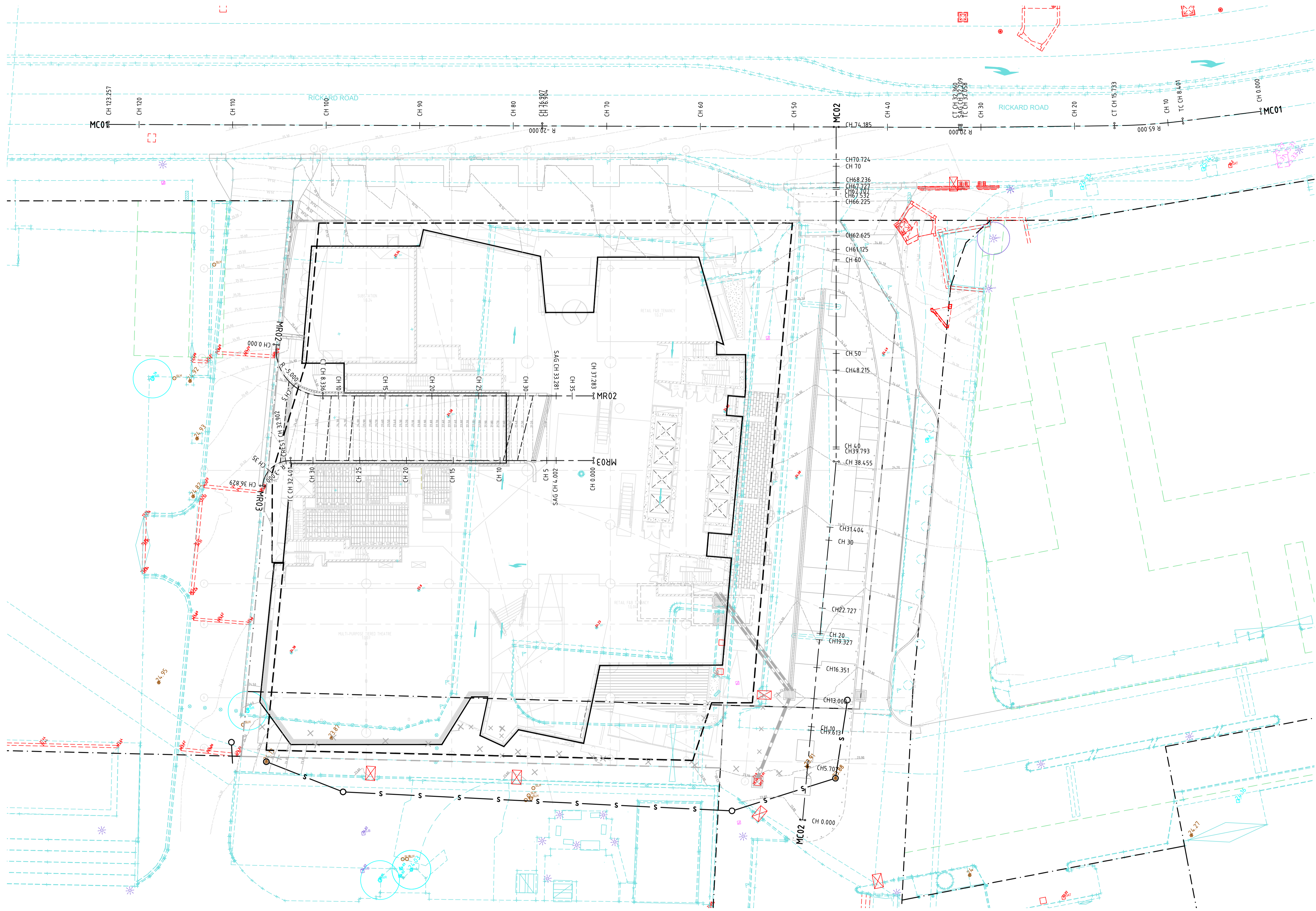
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**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY**  
**BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

**DRAWING TITLE**  
**BASEMENT RAMP**  
**LONGITUDINAL SECTIONS**

SSDA SUBMISSION		NORTH	
SCALE		1:100 @ A1	
JOB No.	DRAWN	CHECKED	DATE
1097901C	JF	-	-
DRAWING No.		REVISION	
C00-80		05	



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**Aspect Studios**  
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REV.	DETAILS	DATE
01	DRAFT SSDA	22.07.20
02	SSDA SUBMISSION	31.07.20
03	SSDA SUBMISSION	14.08.20

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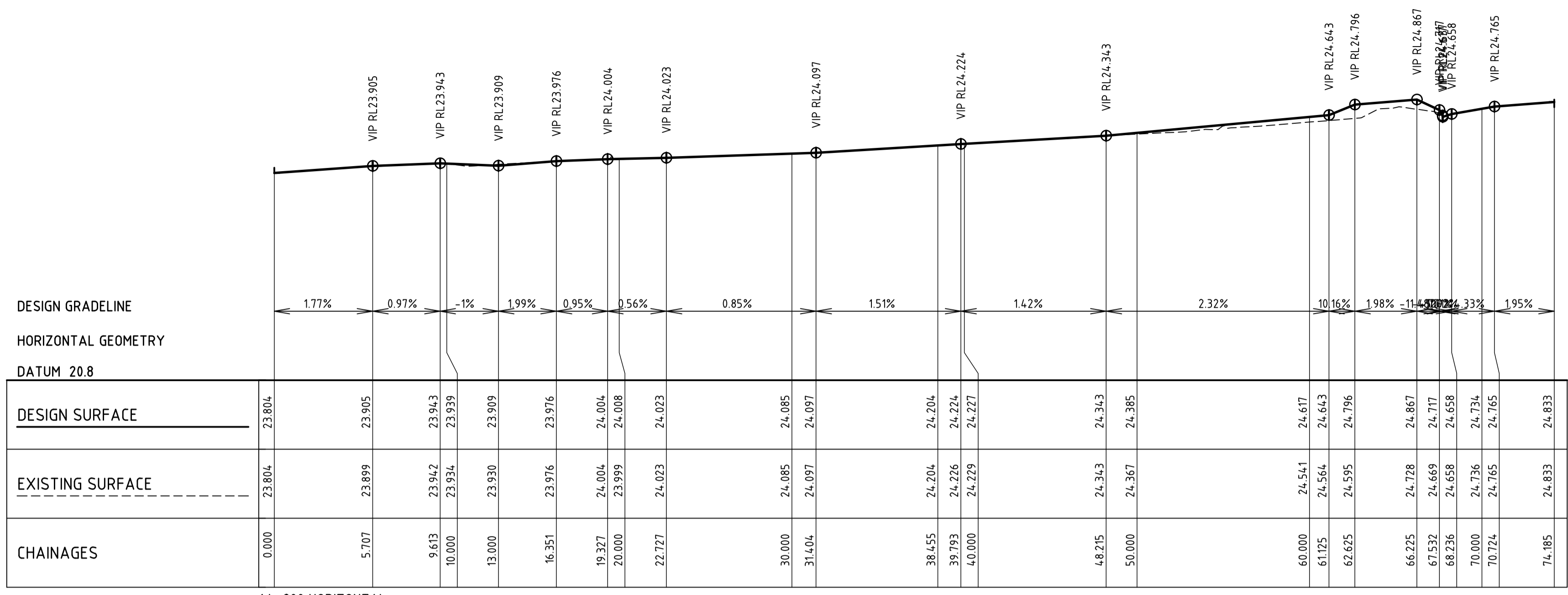


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**PROJECT**  
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**BANKSTOWN CITY CAMPUS**  
**74 RICKARD ROAD ALONG WITH A PORTION**  
**OF 375 CHAPEL ROAD**  
**DRAWING TITLE**  
**ROAD SETOUT PLAN**

SSDA SUBMISSION			NORTH	
JOB No.	DRAWN	CHECKED	SCALE	DATE
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DRAWING No.			REVISION	
<b>C00-81</b>				<b>03</b>

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 Printed: 14.08.20 at 10:05 AM



1 in 200 HORIZONTAL  
1 in 50 VERTICAL

MC02 LONGITUDINAL SECTION

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**LANDSCAPE ARCHITECT**  
**Aspect Studios**  
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REV.	DETAILS	DATE	CLIENT
01	DRAFT SSDA	22.07.20	<p>Western Sydney University Locked Bag 1797, Penrith NSW 2751 T +61 2 9652 5222</p>
02	SSDA SUBMISSION	31.07.20	
03	SSDA SUBMISSION	14.08.20	

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**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY**  
**BANKSTOWN CITY CAMPUS**  
**74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD**

**DRAWING TITLE**  
**ROAD LONGITUDINAL SECTIONS**

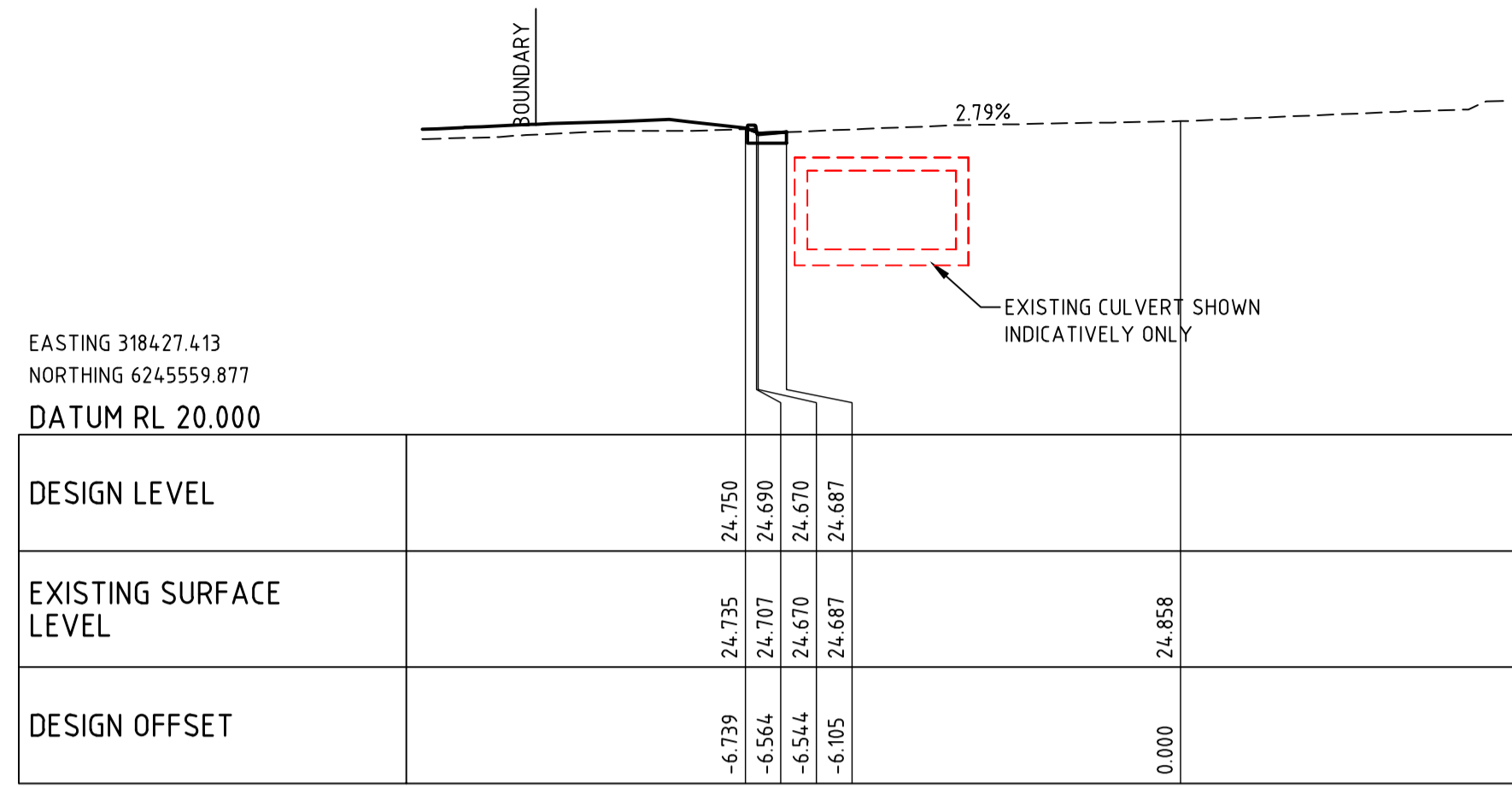
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DRAWING No.	REVISION
<b>C00-82</b>	<b>03</b>

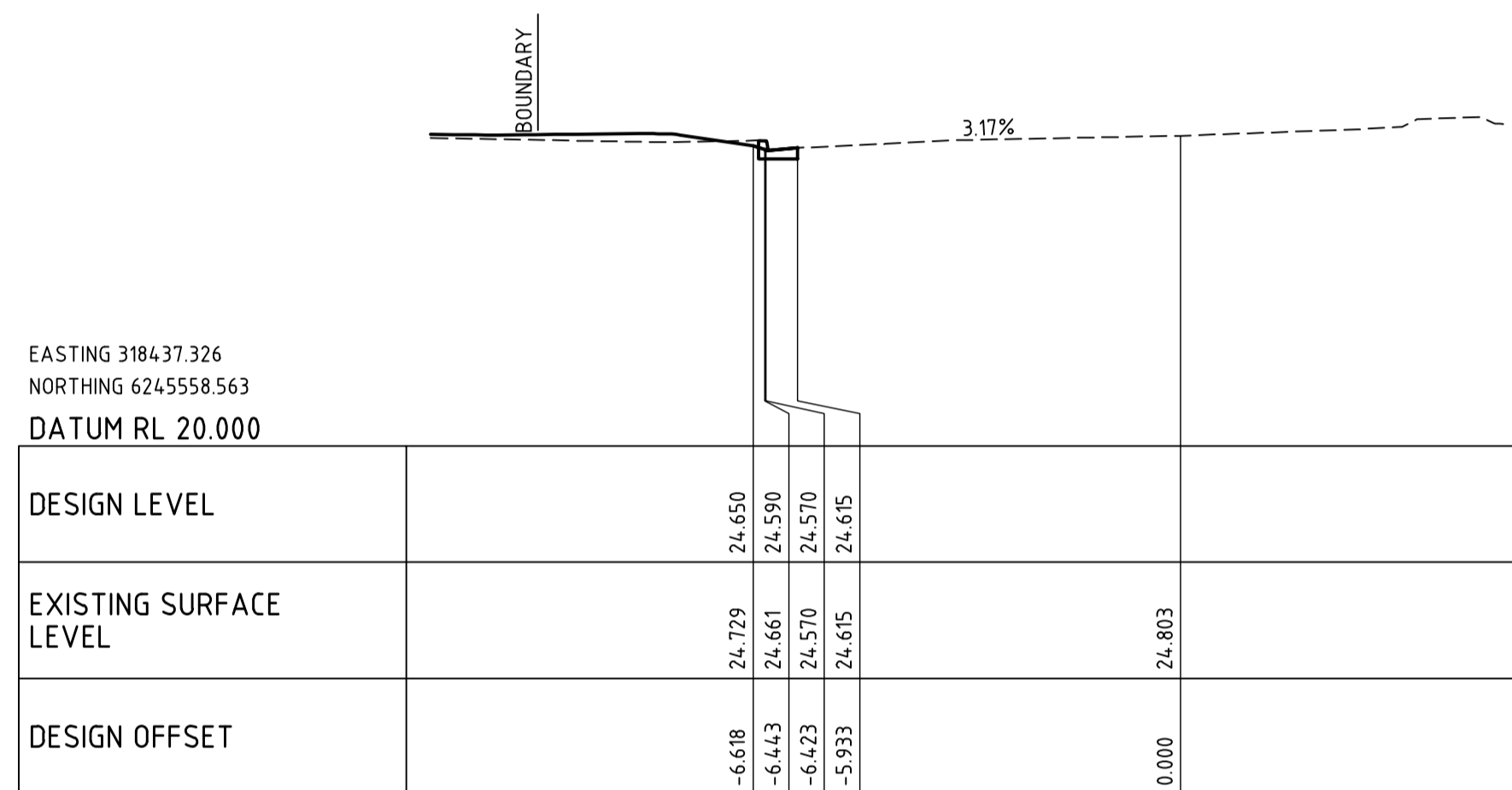
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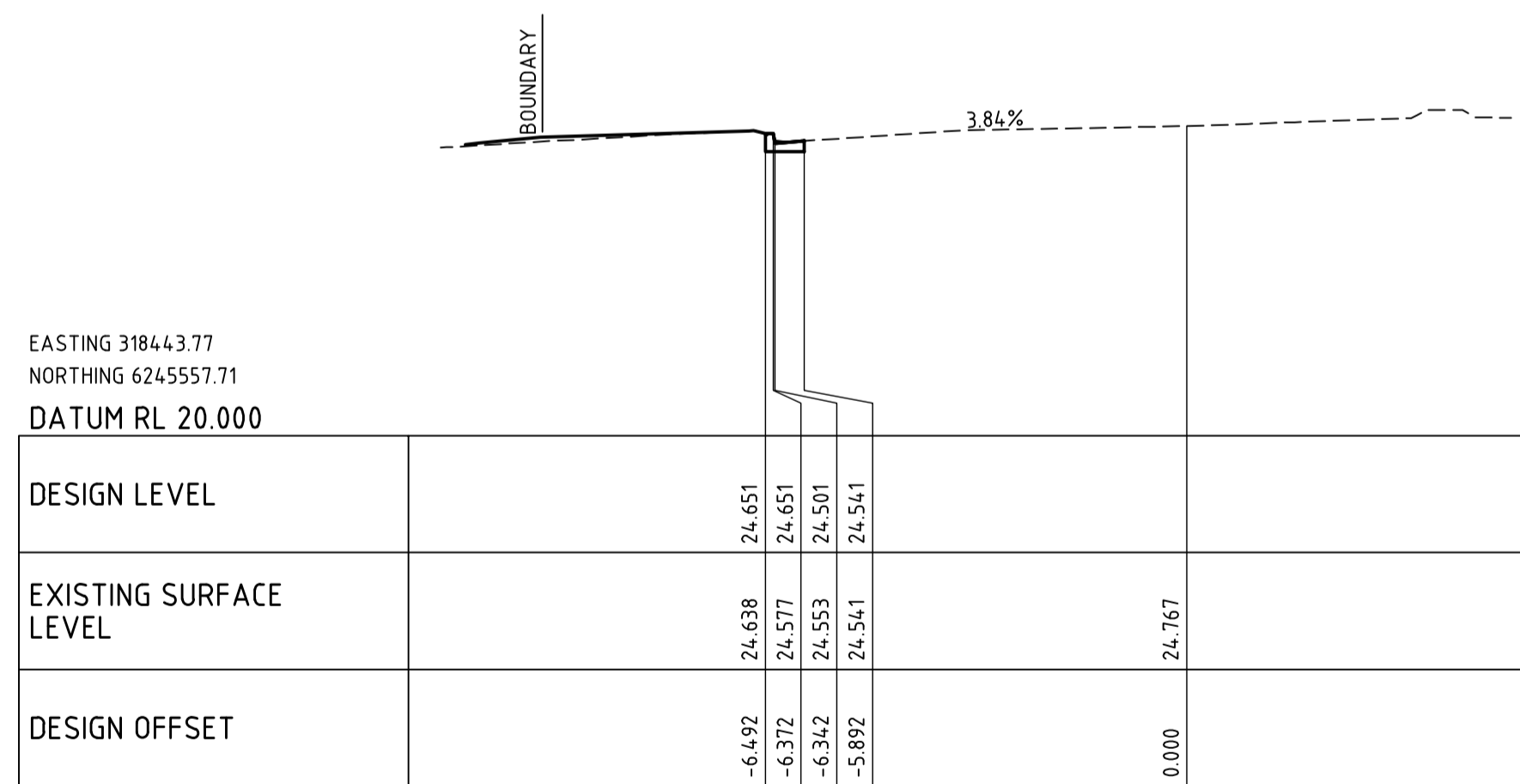
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CH 50.000



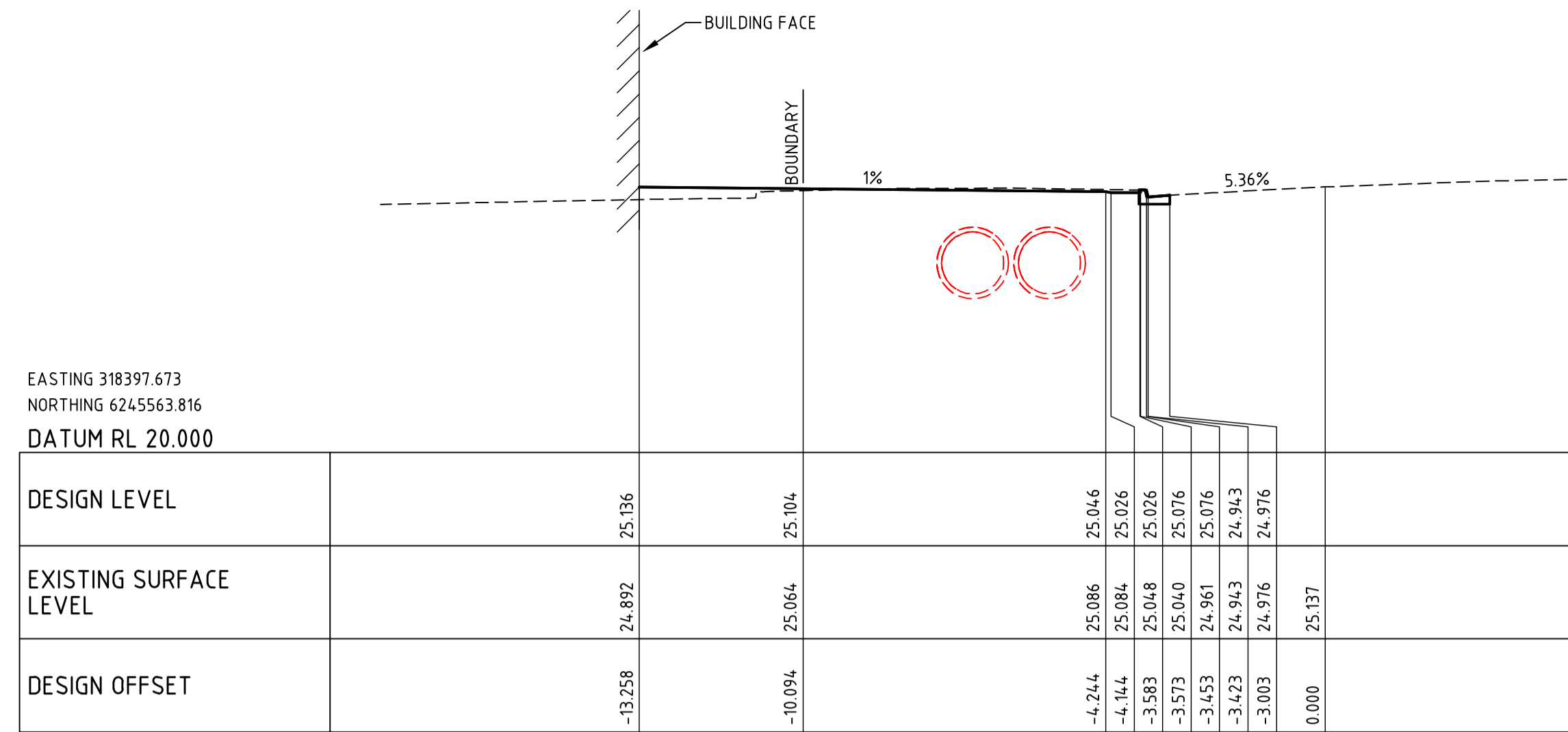
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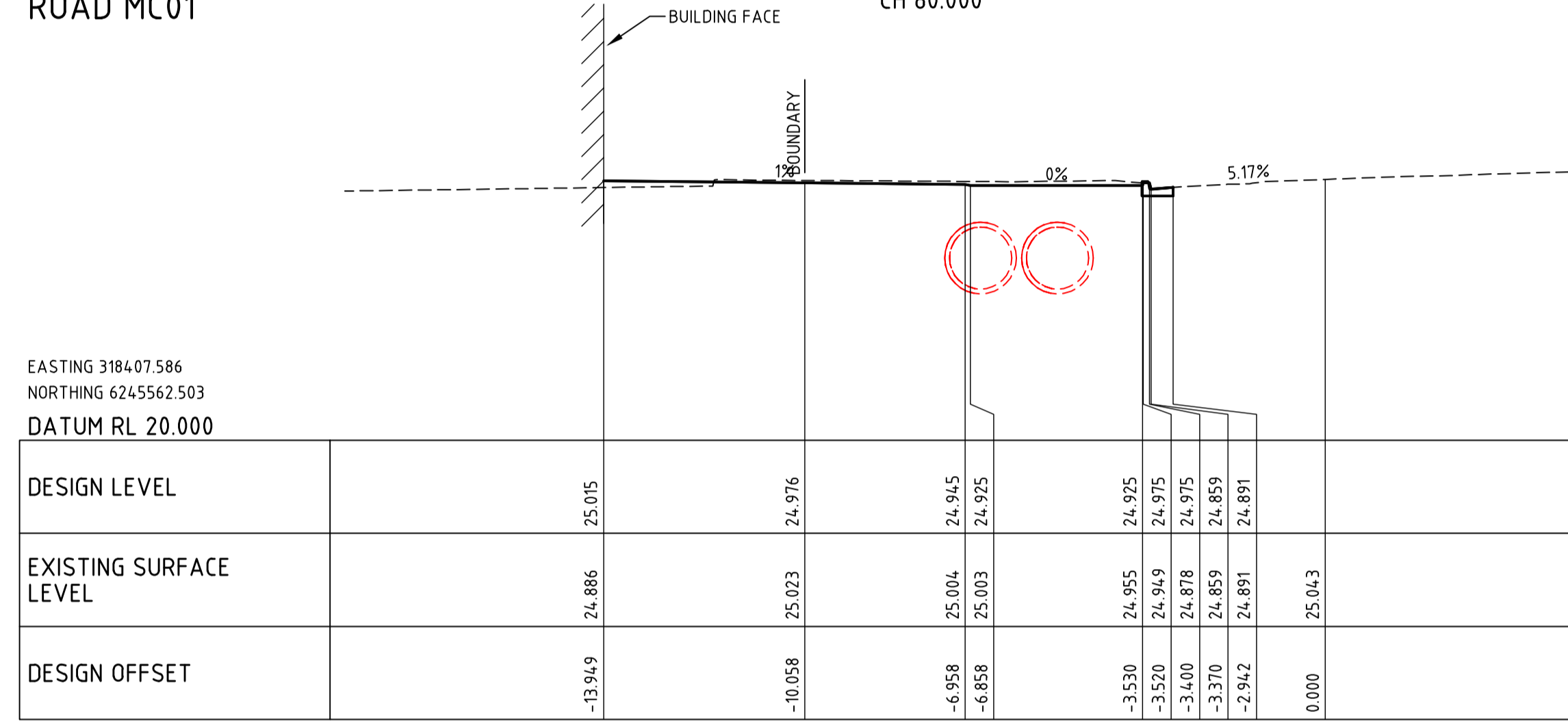
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CH 33.500



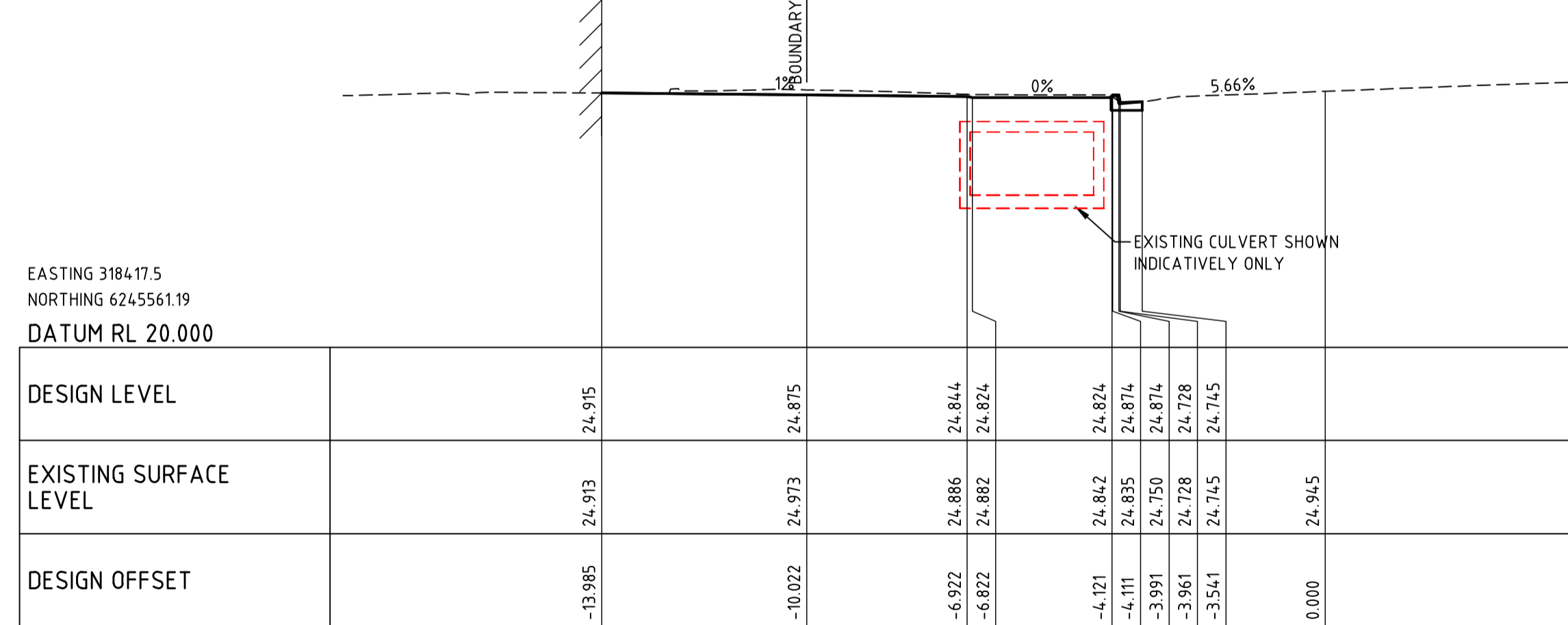
ROAD MC01

CH 80.000



ROAD MC01

CH 70.000



ROAD MC01

CH 60.000

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REV. DETAILS DATE  
01 DRAFT SSDA 22.07.20  
02 SSDA SUBMISSION 31.07.20  
03 SSDA SUBMISSION 14.08.20

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PROJECT  
**NEW WESTERN SYDNEY UNIVERSITY  
BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION  
OF 375 CHAPEL ROAD  
DRAWING TITLE  
**ROAD MC01 CROSS SECTIONS  
SHEET 1**

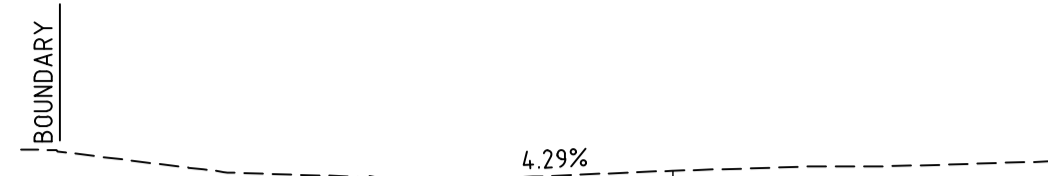
NORTH  
SCALE  
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JOB No. DRAWN CHECKED DATE  
1097901C PA - -  
DRAWING No. REVISION  
**C00-83** **03**

EASTING 318367.932  
NORTHING 6245567.751  
DATUM RL 21.000

DESIGN LEVEL								
EXISTING SURFACE LEVEL			25.303	25.240	25.286			25.420
DESIGN OFFSET			-3.676	-3.576	-3.117			0.000

ROAD MC01

CH 110.000

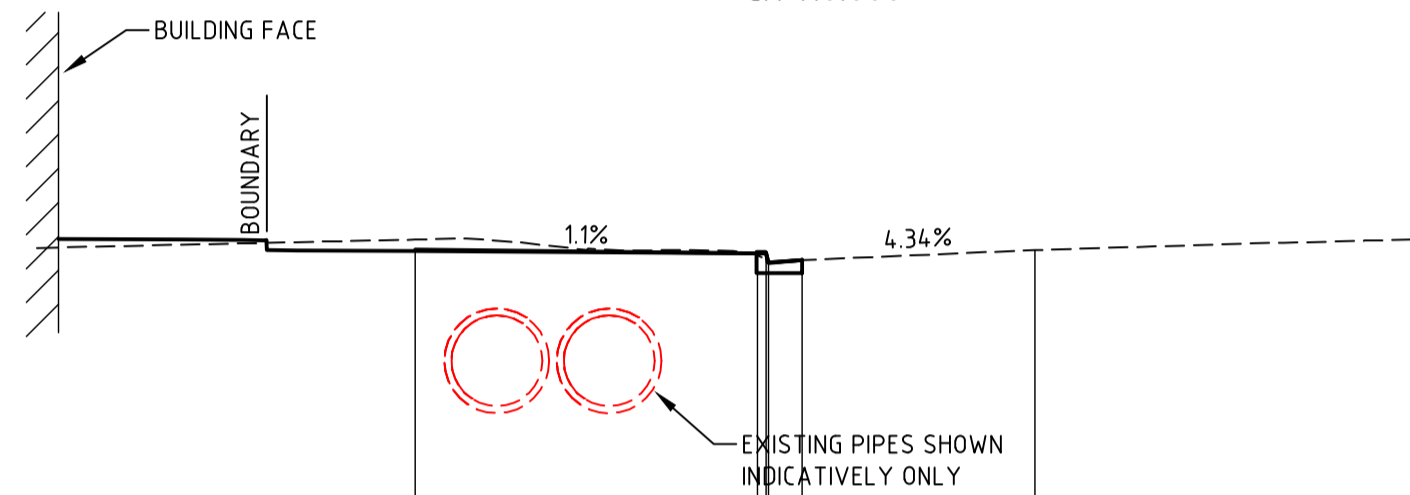


EASTING 318377.846  
NORTHING 6245566.439  
DATUM RL 21.000

DESIGN LEVEL		25.320		25.270	25.270	25.151	25.180	
EXISTING SURFACE LEVEL		25.452		25.280	25.181	25.151	25.180	25.314
DESIGN OFFSET		-8.203		-3.676	-3.556	-3.326	-3.084	0.000

ROAD MC01

CH 100.000

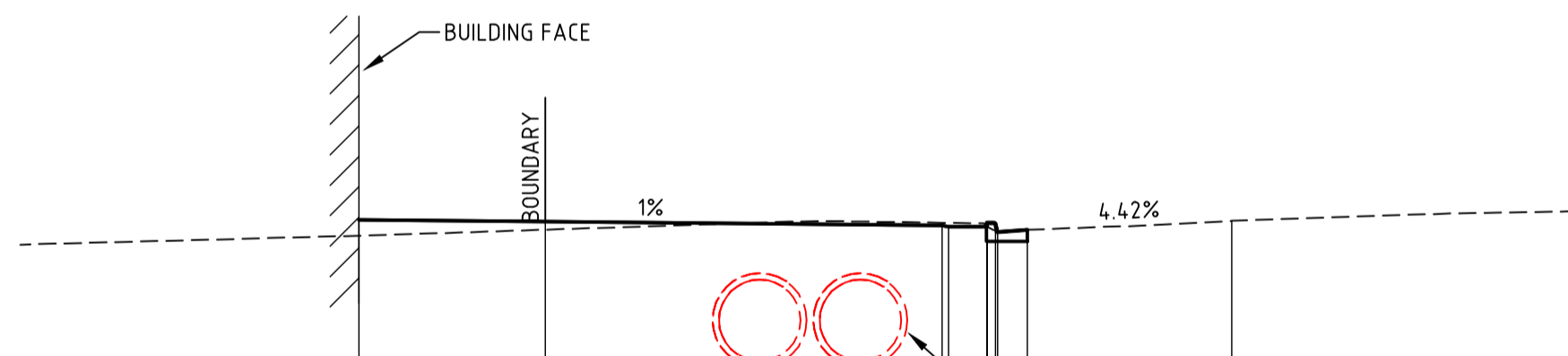


EASTING 318387.759  
NORTHING 6245565.128  
DATUM RL 21.000

DESIGN LEVEL		25.241	25.214		25.155	25.135	25.135	25.185	25.064	25.089		
EXISTING SURFACE LEVEL		25.004	25.093		25.195	25.146	25.140	25.185	25.064	25.089	25.223	
DESIGN OFFSET		-12.878	-10.128		-4.278	-4.178	-3.618	-3.488	-3.458	-3.021	0.000	

ROAD MC01

CH 90.000

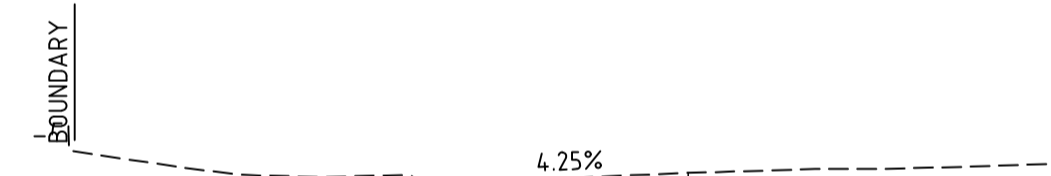


EASTING 318367.226  
NORTHING 6245567.845  
DATUM RL 21.000

DESIGN LEVEL								
EXISTING SURFACE LEVEL			25.381	25.249	25.294			25.427
DESIGN OFFSET			-3.649	-3.122	-3.122			0.000

ROAD MC01

CH 110.712



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REV.	DETAILS	DATE
01	DRAFT SSDA	22.07.20
02	SSDA SUBMISSION	31.07.20
03	SSDA SUBMISSION	14.08.20

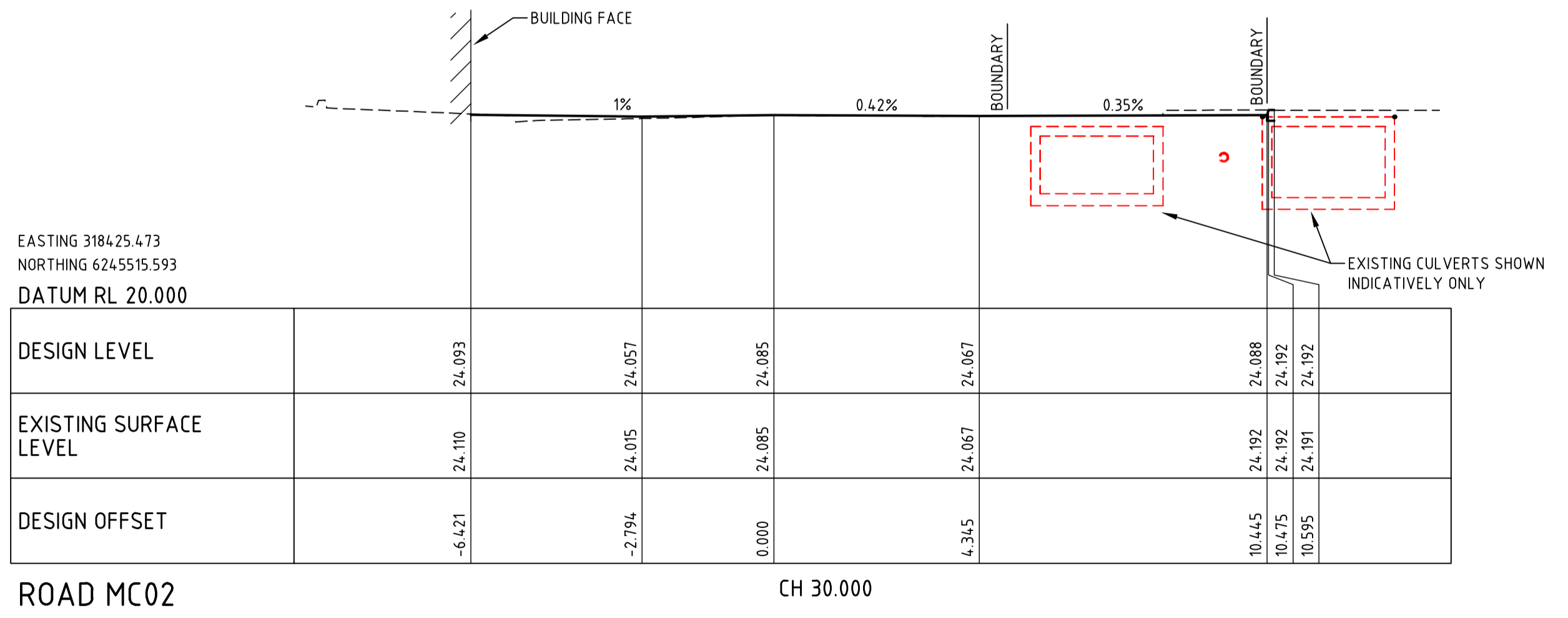
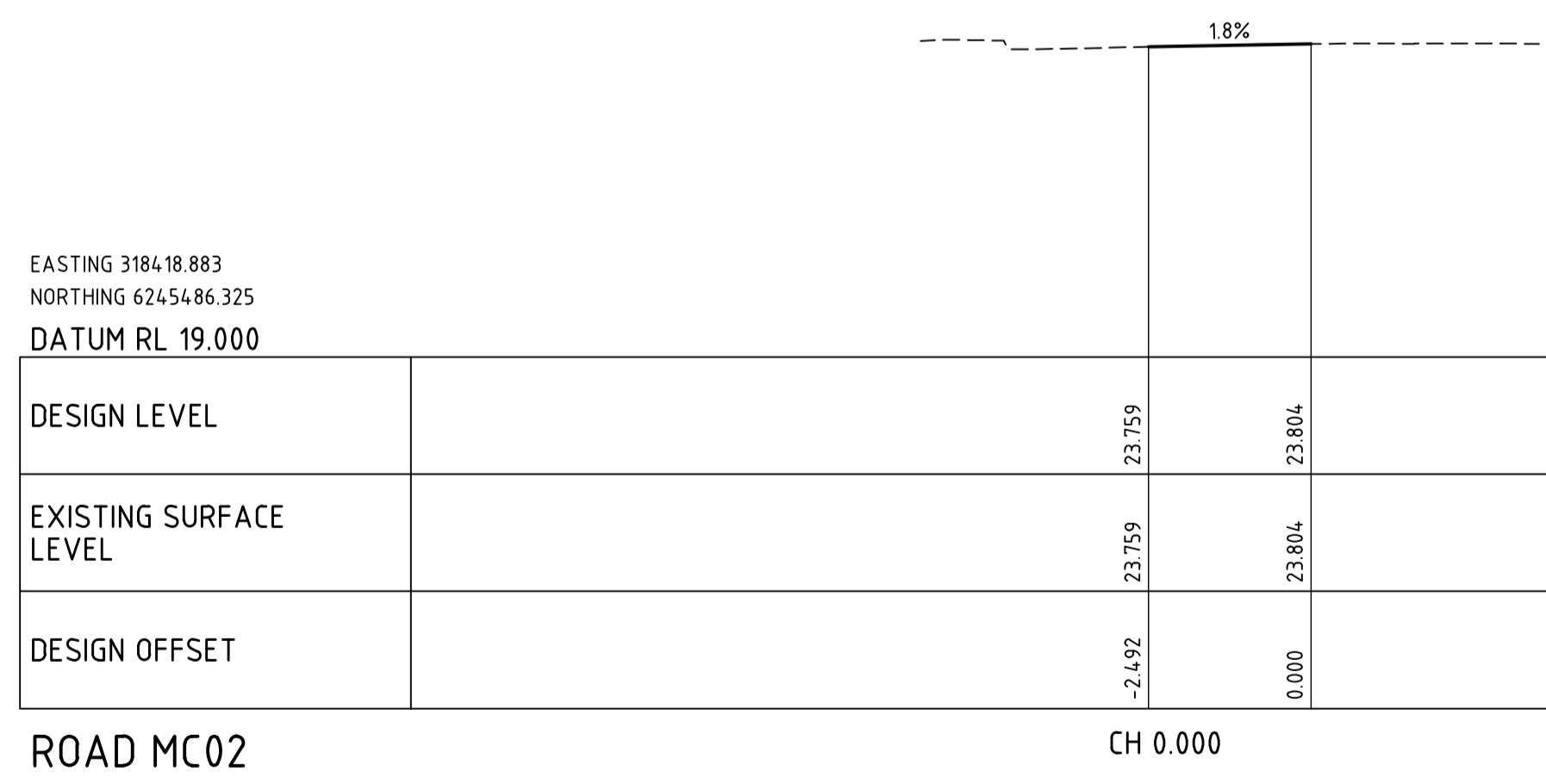
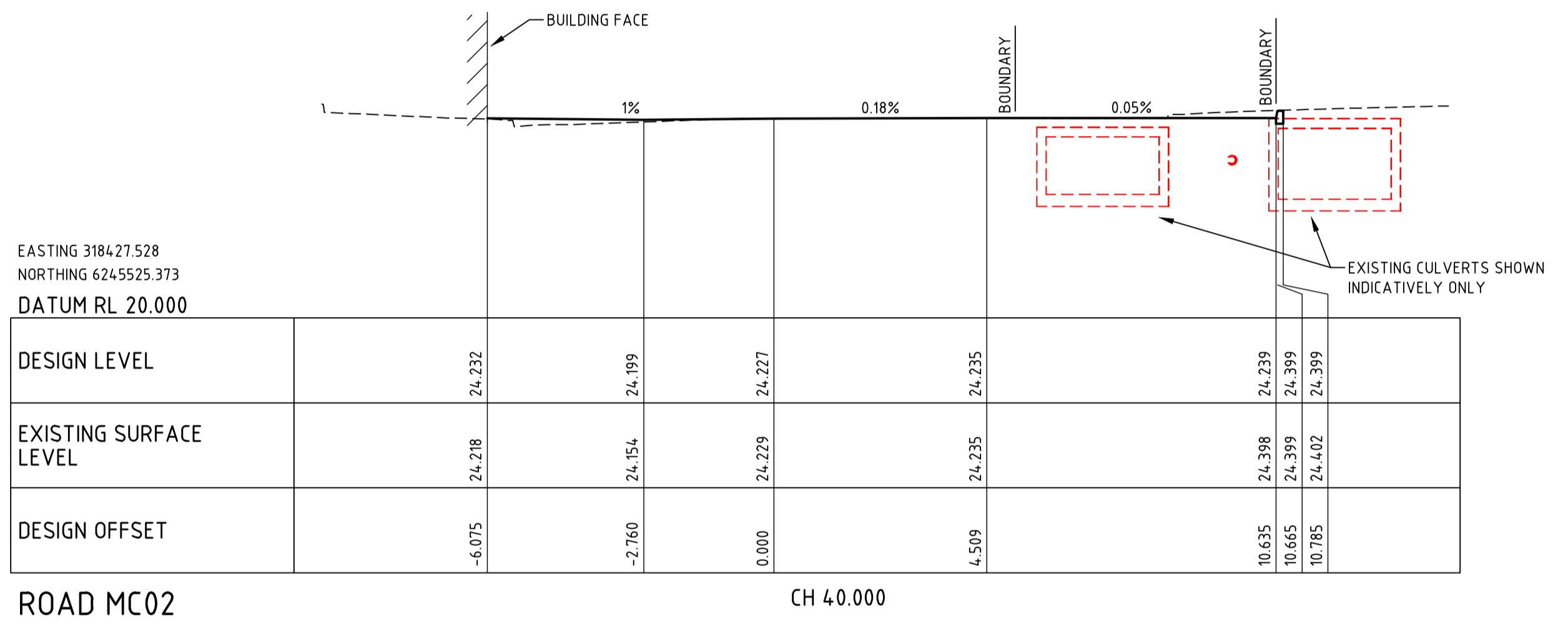
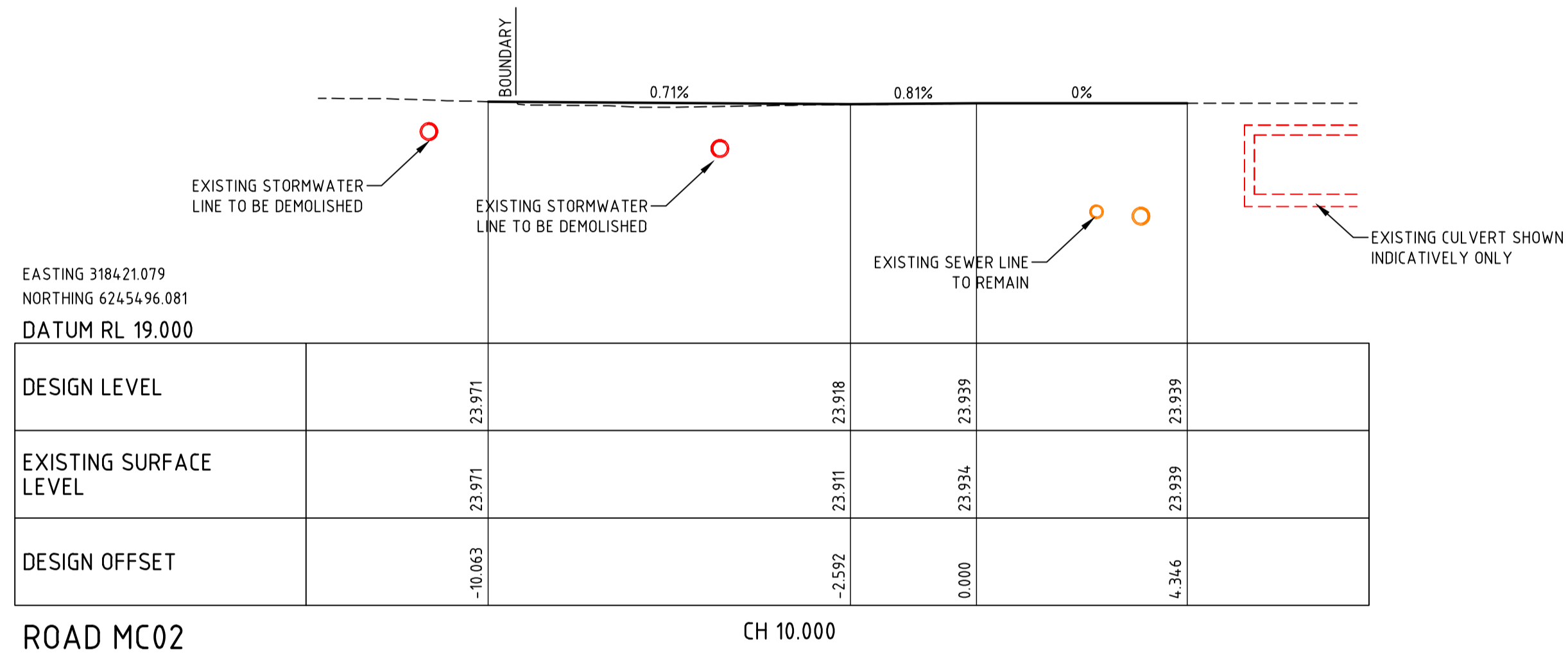
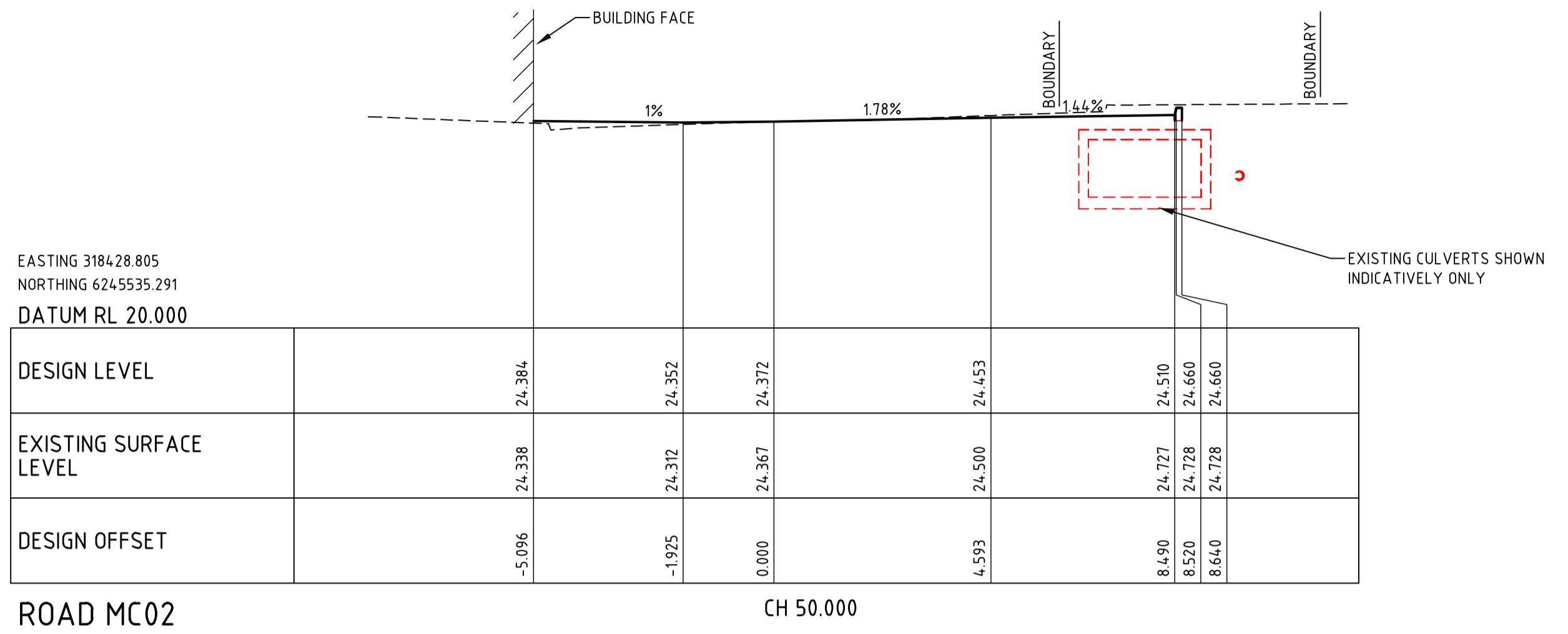
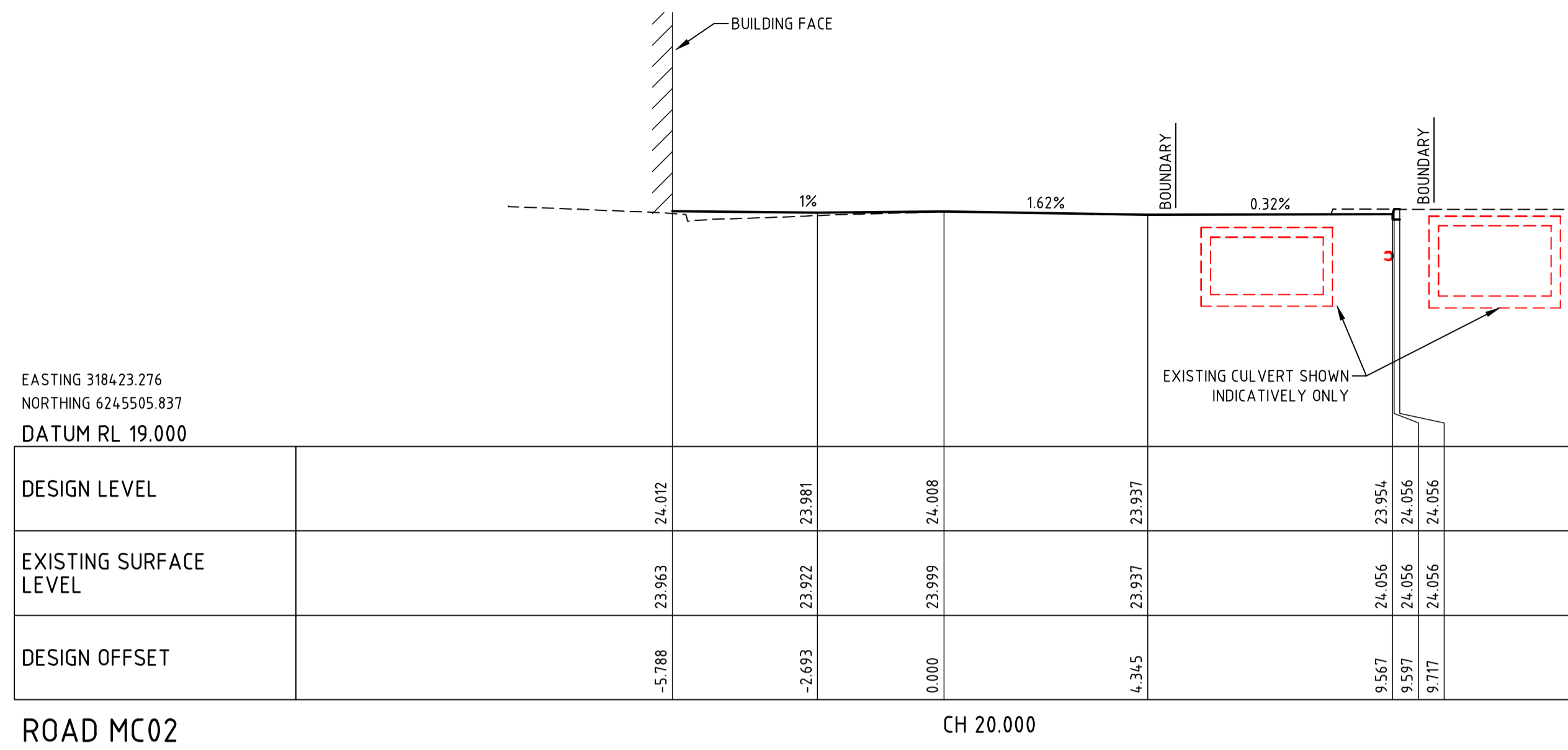
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PROJECT  
**NEW WESTERN SYDNEY UNIVERSITY  
BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION  
OF 375 CHAPEL ROAD  
DRAWING TITLE  
**ROAD MC01 CROSS SECTIONS  
SHEET 2**

SSDA SUBMISSION		NORTH	
		SCALE 1:100 @ A1	
JOB No. 1097901C	DRAWN PA	CHECKED -	DATE -
DRAWING No. <b>C00-84</b>		REVISION <b>03</b>	



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REV.	DETAILS	DATE
01	DRAFT SSDA	22.07.20
02	SSDA SUBMISSION	31.07.20
03	SSDA SUBMISSION	14.08.20

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**PROJECT**  
**NEW WESTERN SYDNEY UNIVERSITY**  
**BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION OF 375 CHAPEL ROAD

**DRAWING TITLE**  
**ROAD MC02 CROSS SECTIONS**  
**SHEET 1**

**SSDA SUBMISSION**

**SCALE**  
1:100 @ A1

<b>JOB No.</b> 1097901C	<b>DRAWN</b> PA	<b>CHECKED</b> -	<b>DATE</b> -
<b>DRAWING No.</b> C00-85	<b>REVISION</b>		<b>03</b>

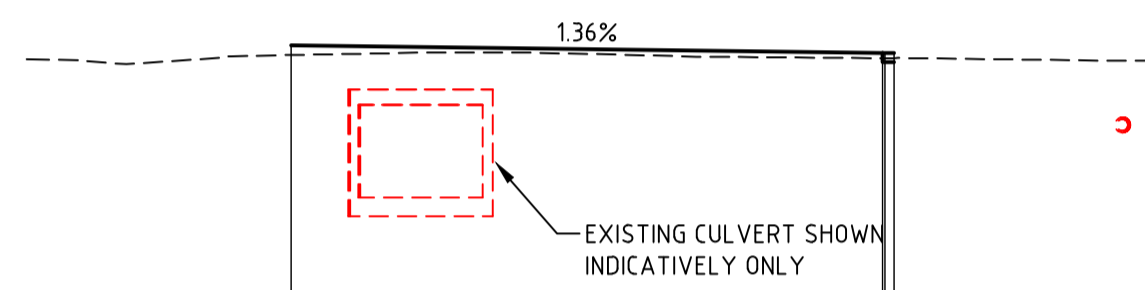
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EASTING 3184.30.889  
NORTHING 6245551.473  
DATUM RL 20.000

DESIGN LEVEL		24.857		24.750	24.750	24.750
EXISTING SURFACE LEVEL		24.725		24.683	24.683	24.685
DESIGN OFFSET		0.000		7.825	7.825	7.975

ROAD MC02

CH 66.316

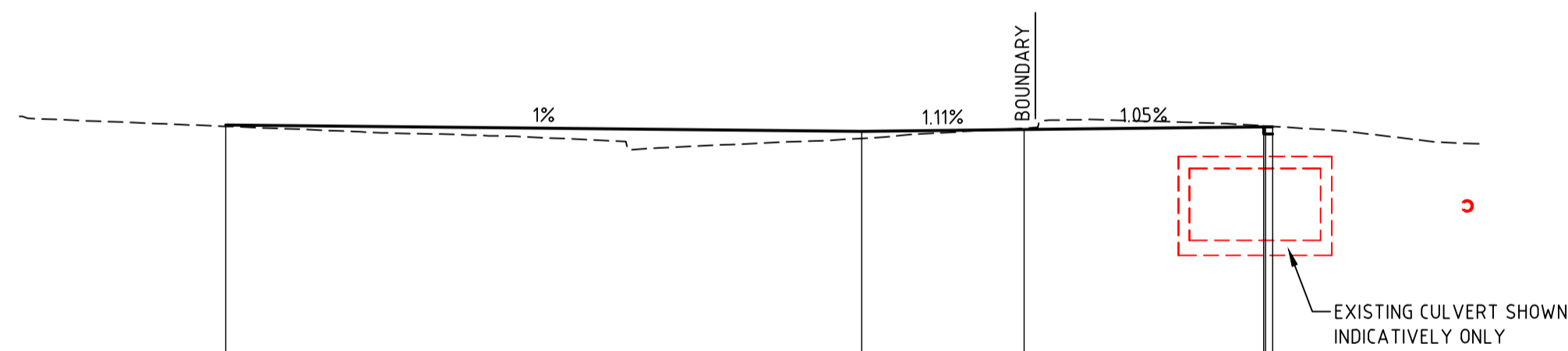


EASTING 3184.30.082  
NORTHING 6245545.209  
DATUM RL 20.000

DESIGN LEVEL		24.773		24.665	24.738	24.738
EXISTING SURFACE LEVEL		24.748		24.541	24.756	24.738
DESIGN OFFSET		-10.789		2.754	6.874	6.974

ROAD MC02

CH 60.000



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REV.	DETAILS	DATE
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02	SSDA SUBMISSION	31.07.20
03	SSDA SUBMISSION	14.08.20

CLIENT  
**WESTERN SYDNEY UNIVERSITY**  
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GENERAL NOTES  
THE CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR MAKING OF ANY SHOP DRAWINGS. FIGURED DIMENSIONS MUST BE USED IN PREFERENCE TO SCALED DIMENSIONS. ALL SCALED DIMENSIONS MUST BE VERIFIED ON SITE. THIS DRAWING IS COPYRIGHT AND REMAINS THE PROPERTY OF THE ARCHITECT.

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PROJECT  
**NEW WESTERN SYDNEY UNIVERSITY  
BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION  
OF 375 CHAPEL ROAD  
DRAWING TITLE  
**ROAD MC02 CROSS SECTIONS  
SHEET 2**

NORTH  
SCALE  
**1:100 @ A1**  
JOB No. DRAWN CHECKED DATE  
**1097901C PA - -**  
DRAWING No. REVISION  
**C00-86 03**