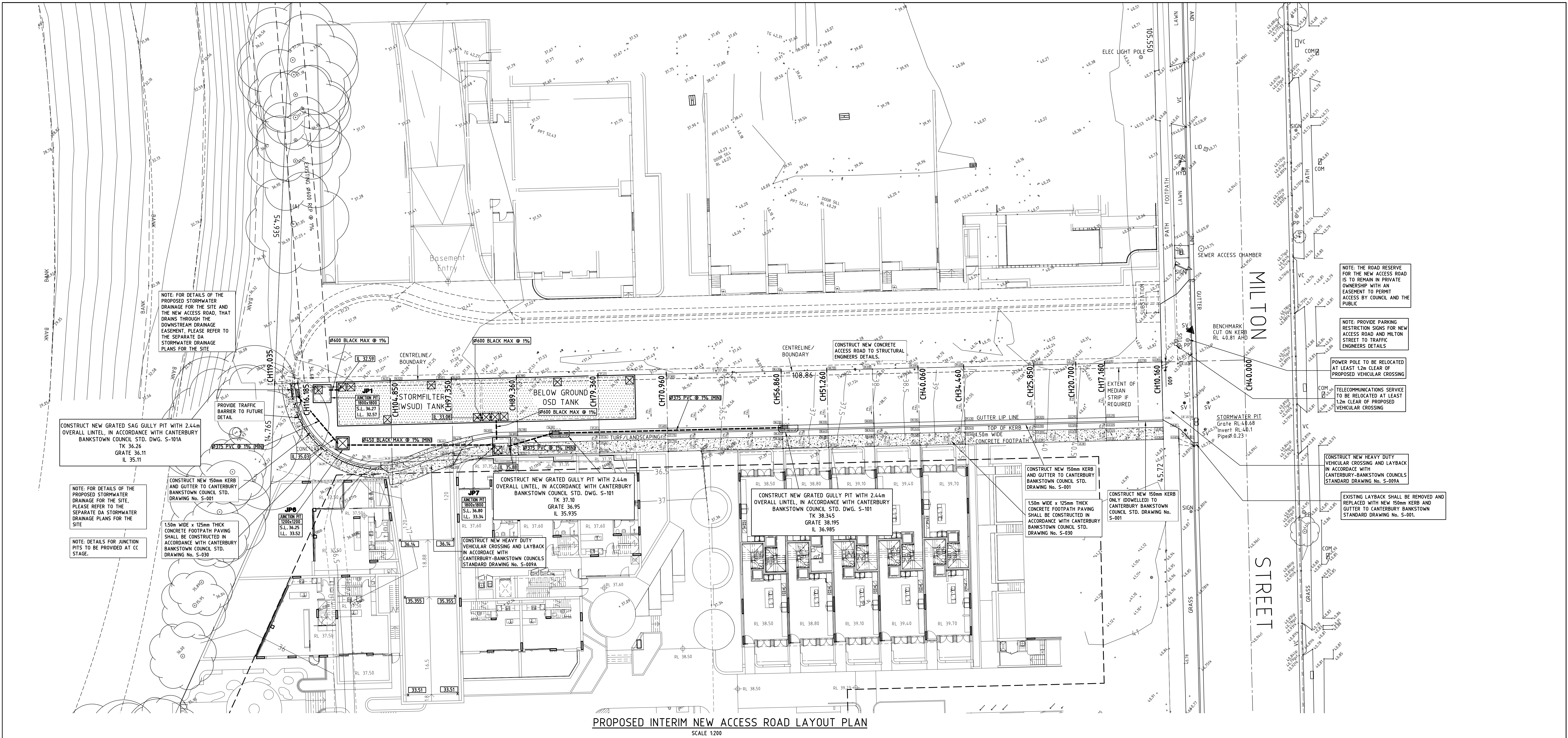
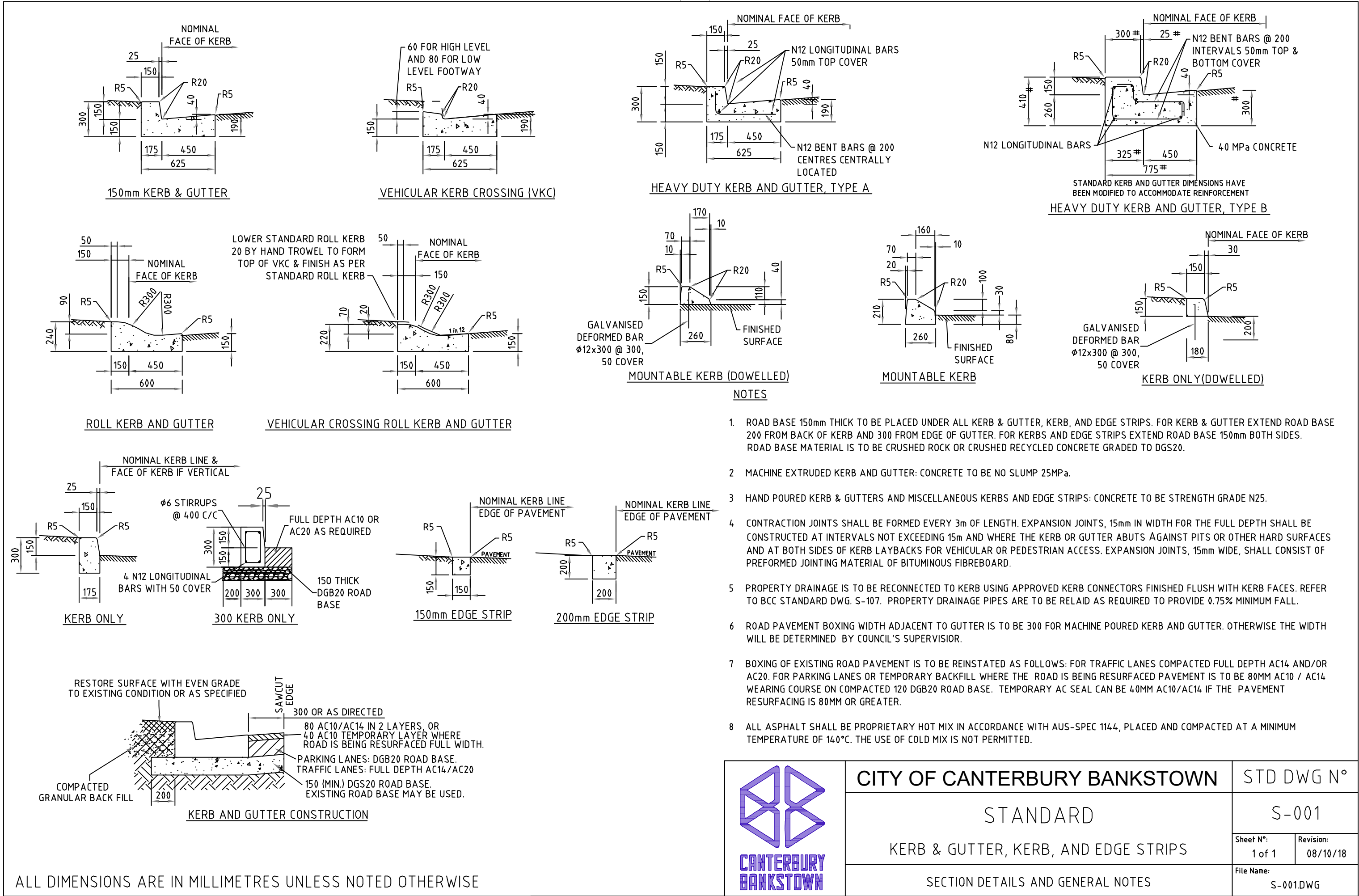
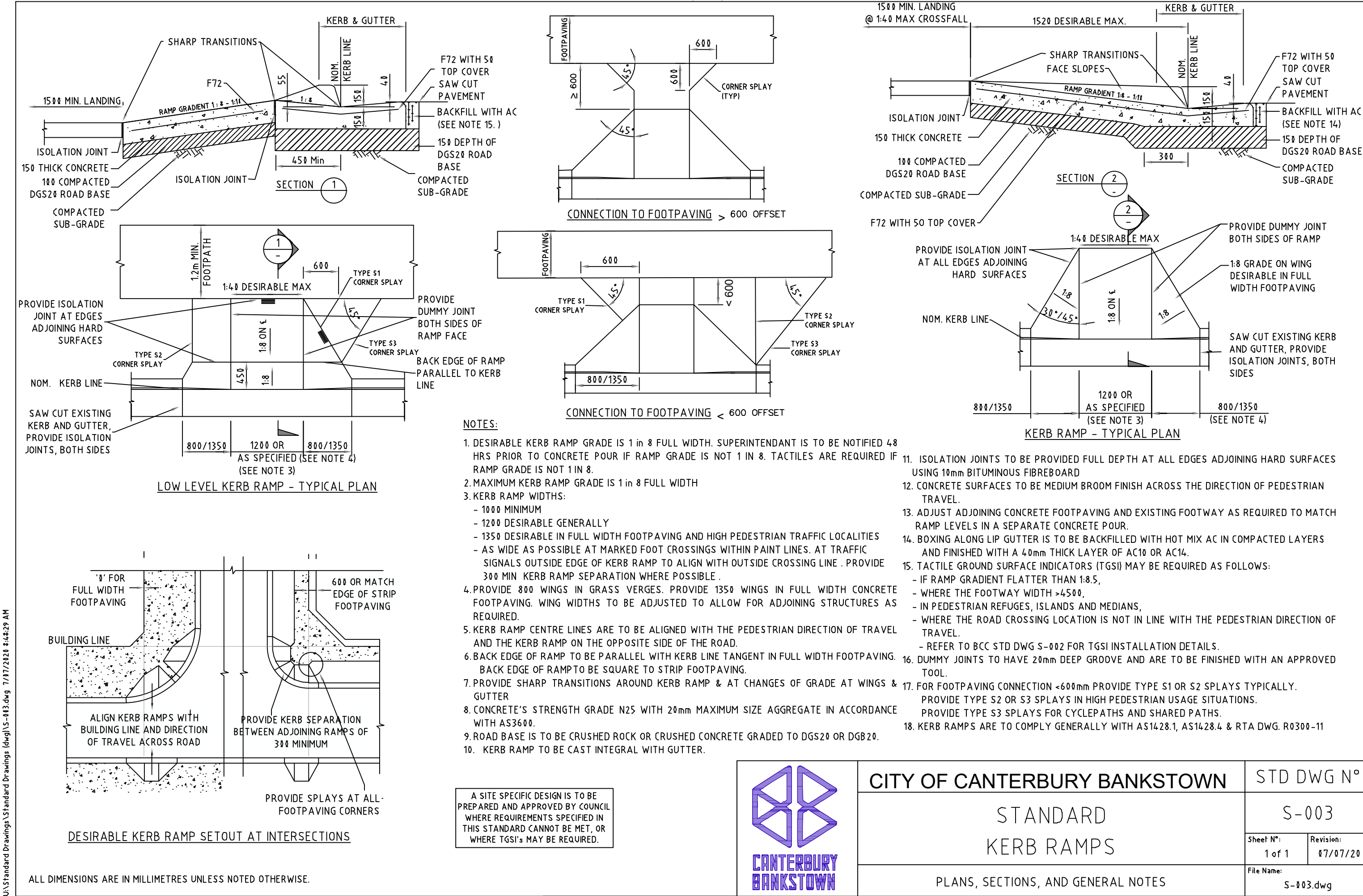
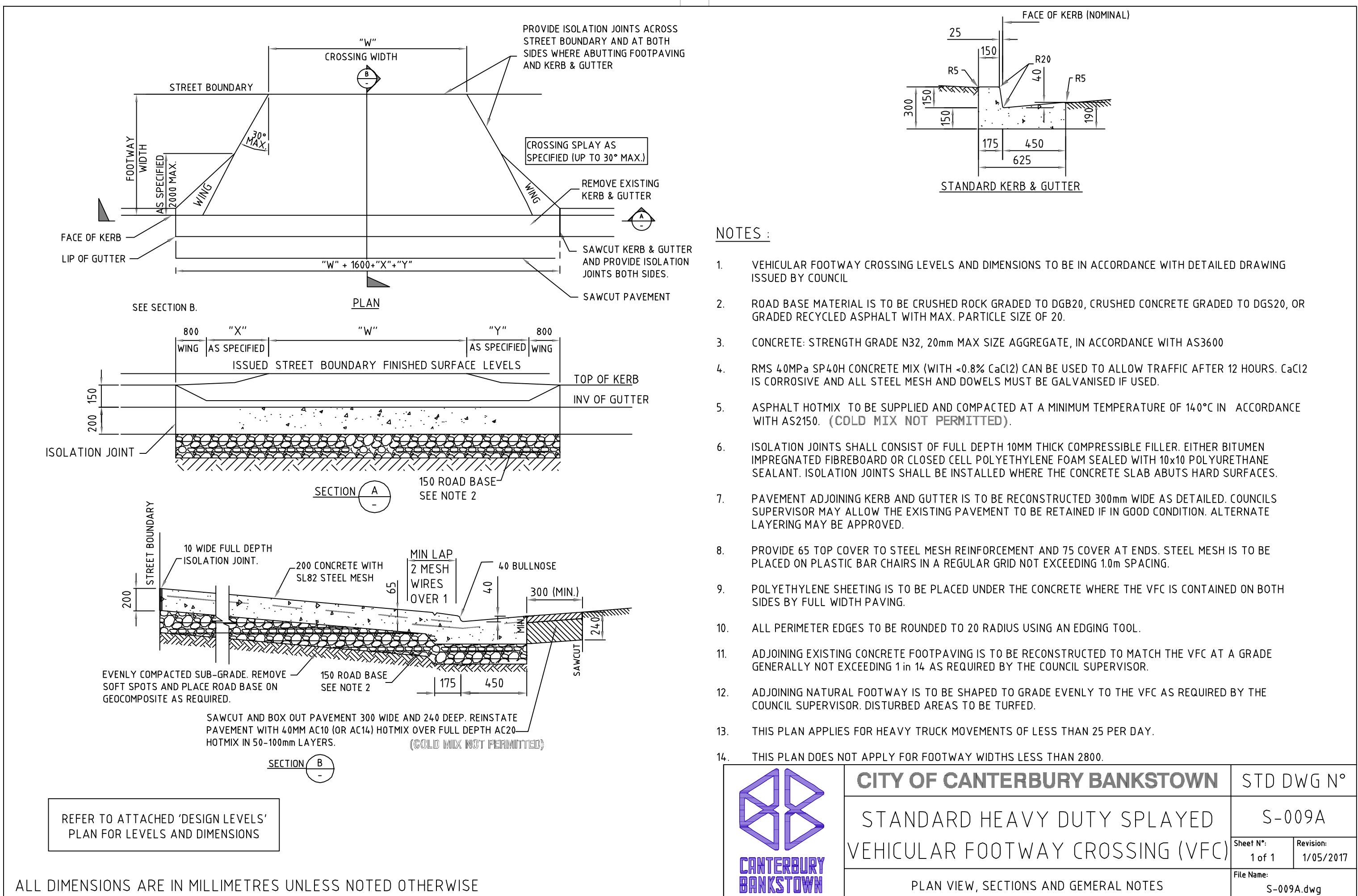




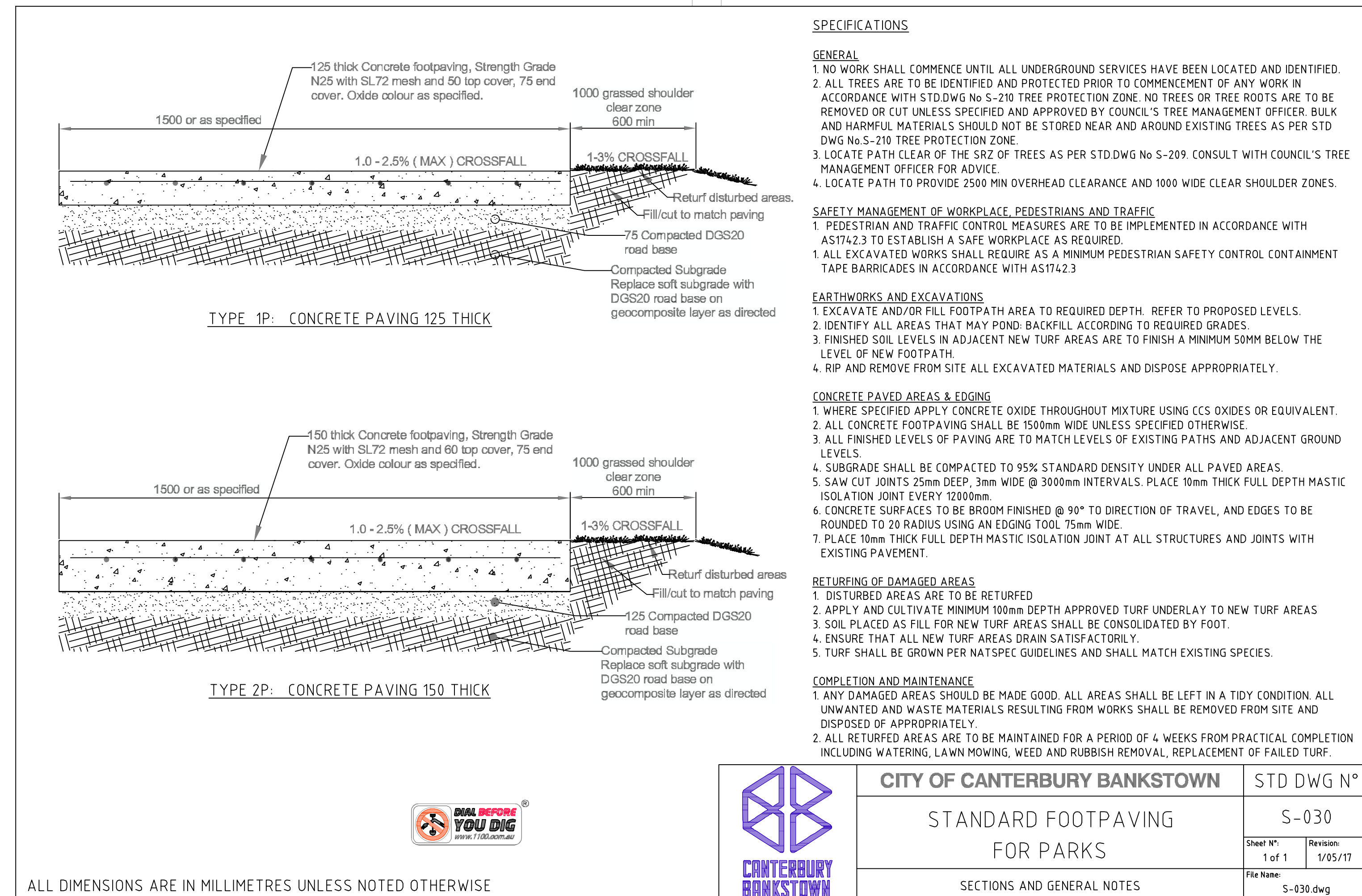
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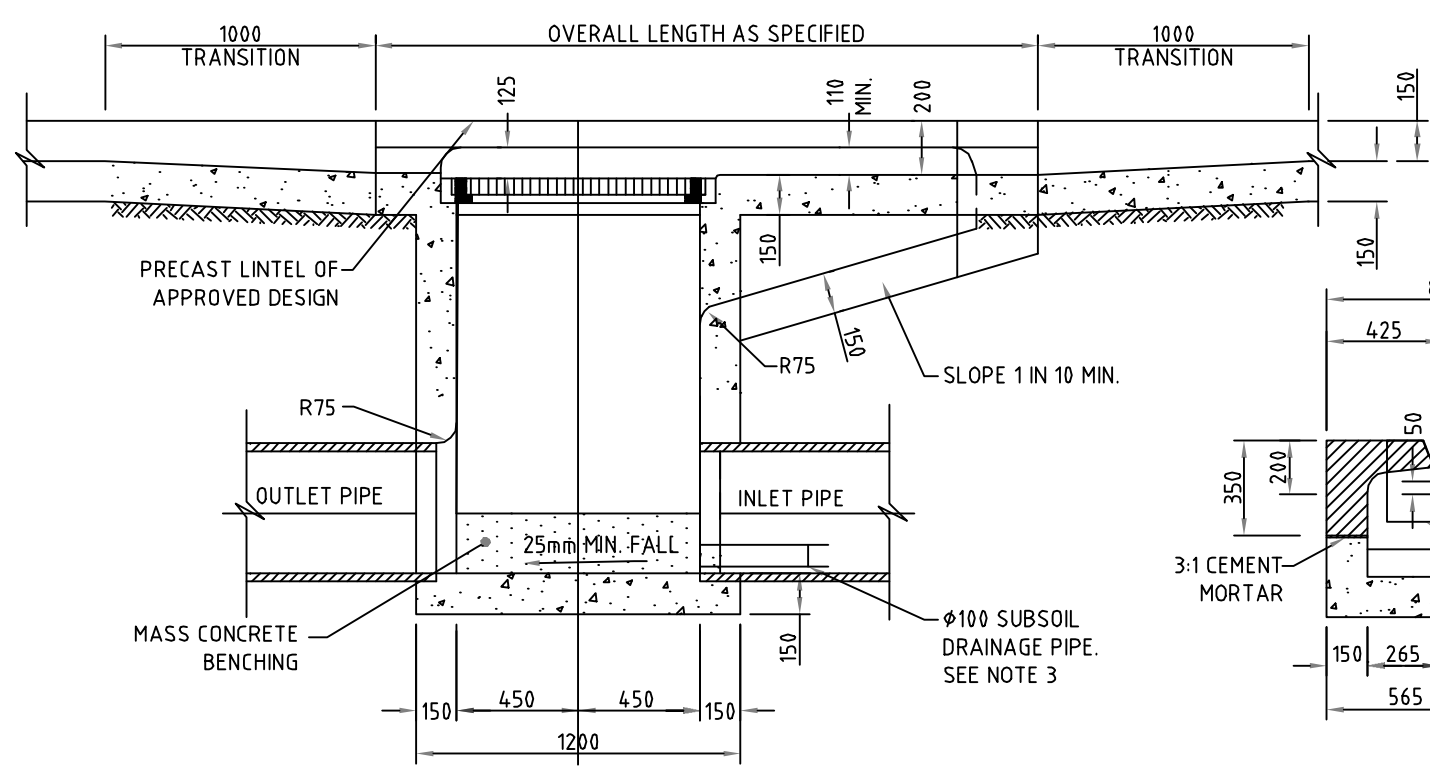
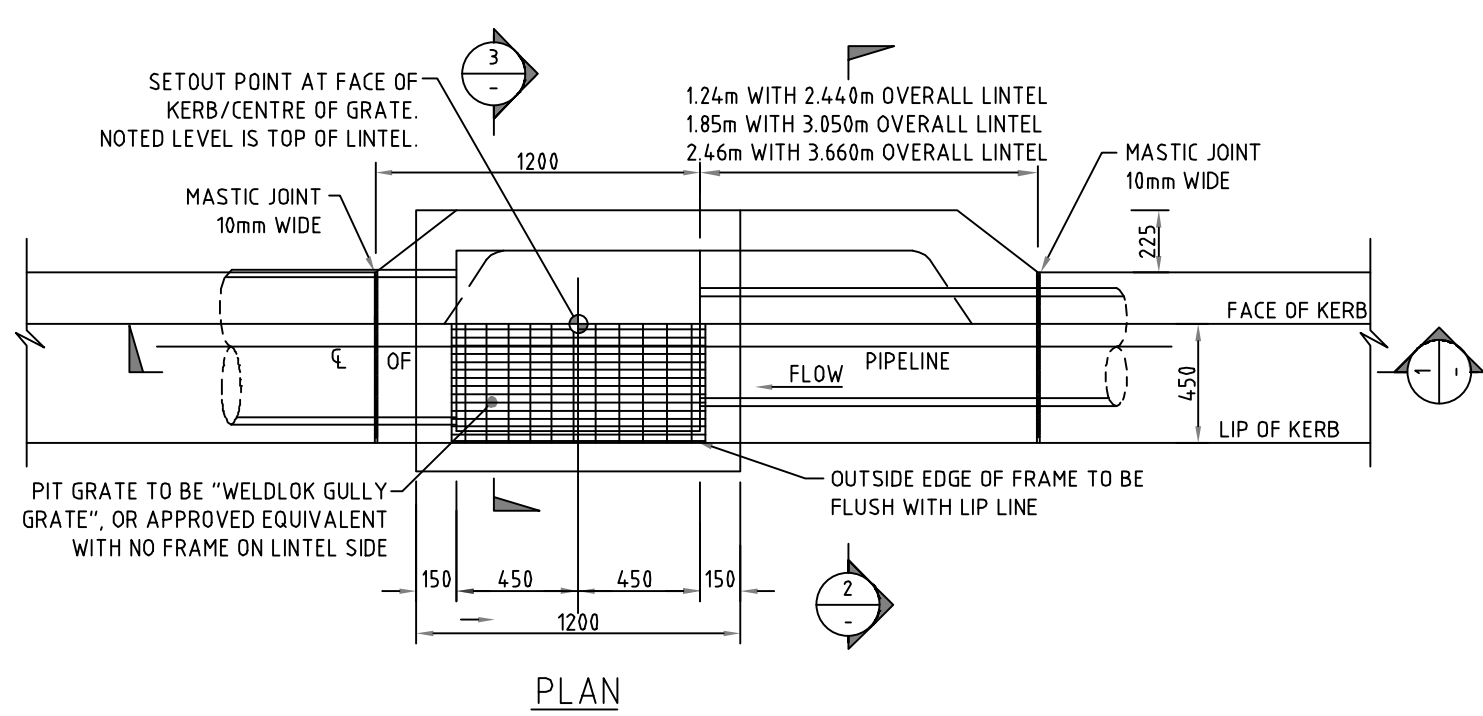
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																165-171 MILTON STREET				COUNCIL STANDARD DRAWINGS				DATING AHD		DRAWING NUMBER							
																ASHBURY								SCALE NTS		CIV-020		B1					
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							1 ISSUE FOR DEVELOPMENT APPLICATION					19/12/21																					

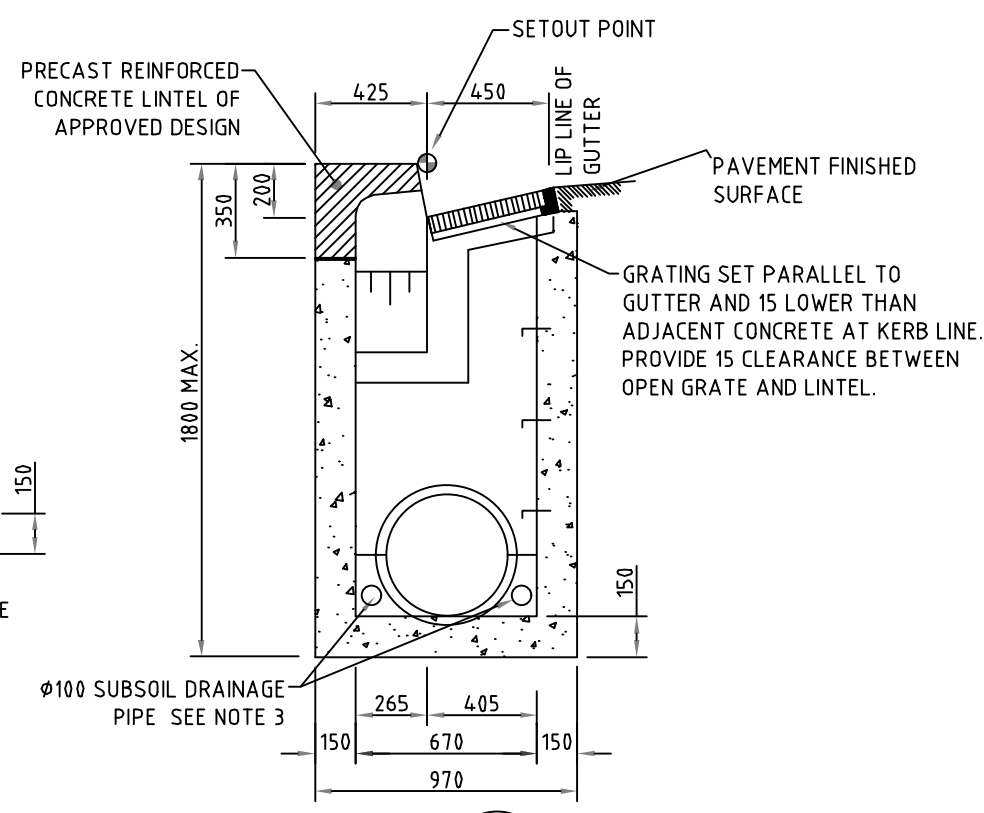
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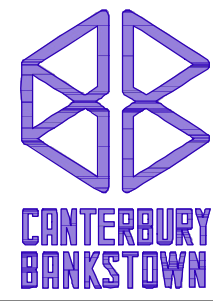
SECTION 1

NOTES:

1. CONCRETE TO BE STRENGTH GRADEN25, 20mm MAX SIZE AGGREGATE IN ACCORDANCE WITH AS 3600.
2. 100mm DIA. SUBSOIL DRAINAGE PIPE 3.0m LONG WRAPPED IN FABRIC SOCK TO BE PLACED ADJACENT TO INLET PIPES ON BOTH SIDES & MINIMUM 100mm ABOVE PIT FLOOR.
3. SELECTED GRANULAR MATERIAL BACKFILL SHALL BE PLACED AGAINST THE FULL HEIGHT OF THE VERTICAL WALLS FOR A HORIZONTAL DISTANCE EQUAL TO ONE-THIRD THE HEIGHT OF THE STRUCTURE.
4. SIDE WALLS OF PITS WITH DEPTH 1500 - 1800 ARE TO BE REINFORCED WITH SLS2 MESH CENTRALLY PLACED AND RETURNED 300 INTO BASE.
5. PITS LARGER THAN SHOWN ON THIS DRAWING ARE TO BE STEEL REINFORCED TO A STRUCTURAL ENGINEERS DETAIL.
6. PROVIDE CONCRETE BENCHING ACROSS PIT TO SUIT INLET & OUTLET PIPES AS DETAILED.
7. "HEAVY DUTY" GULLY GRATE TO BE USED IN INDUSTRIAL ROADS AND IN TRAFFIC LANES.
8. FOR PIPES LARGER THAN 475mm DIA CONSTRUCT EXTENDED GULLY PIT REFER TO BCC STD DWG S-102.



SECTION 2



CITY OF CANTERBURY BANKSTOWN

STANDARD GULLY PIT
ON GRADE

PLAN VIEW, SECTIONS AND GENERAL NOTES

STD DWG N°

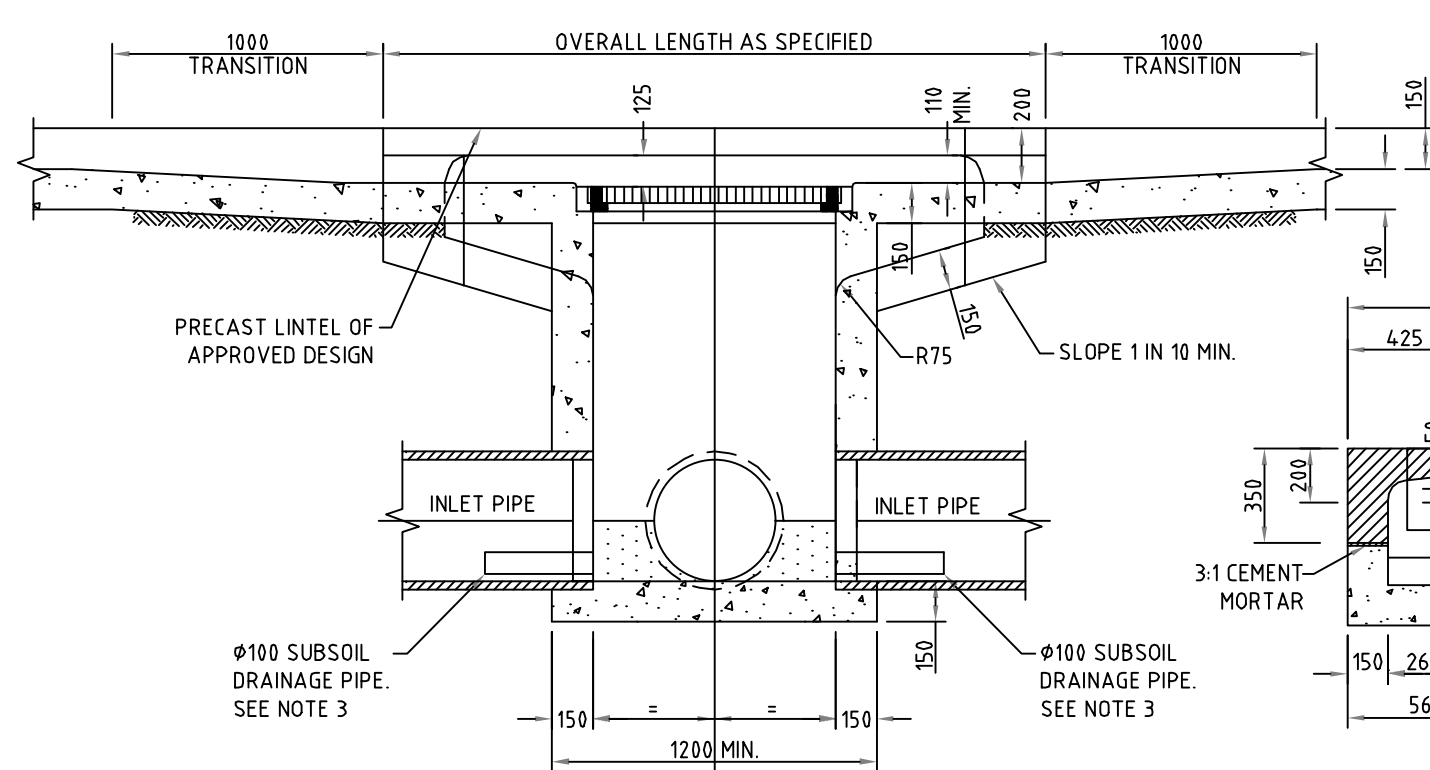
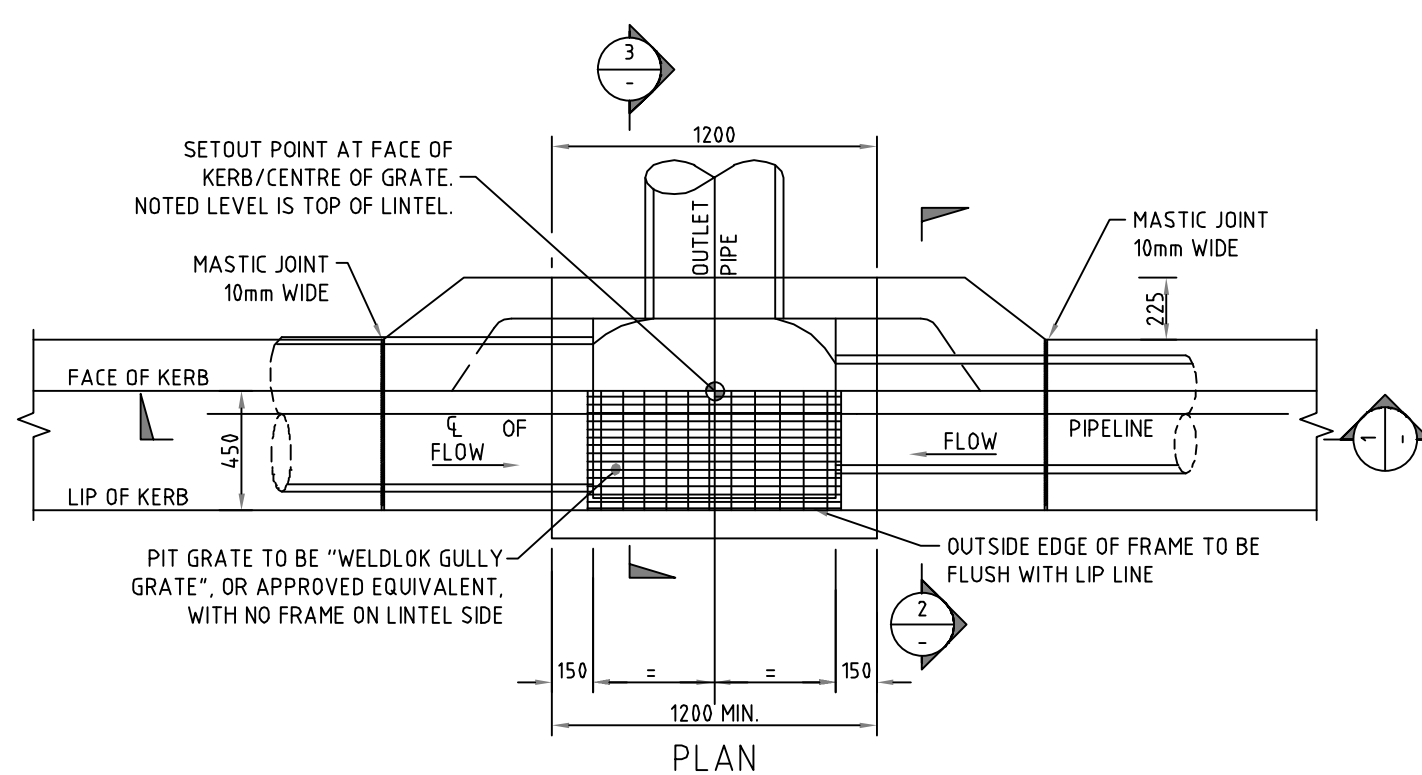
S-101

Sheet N° 1 of 1

Revision 1/05/2017

File Name: S-101.dwg

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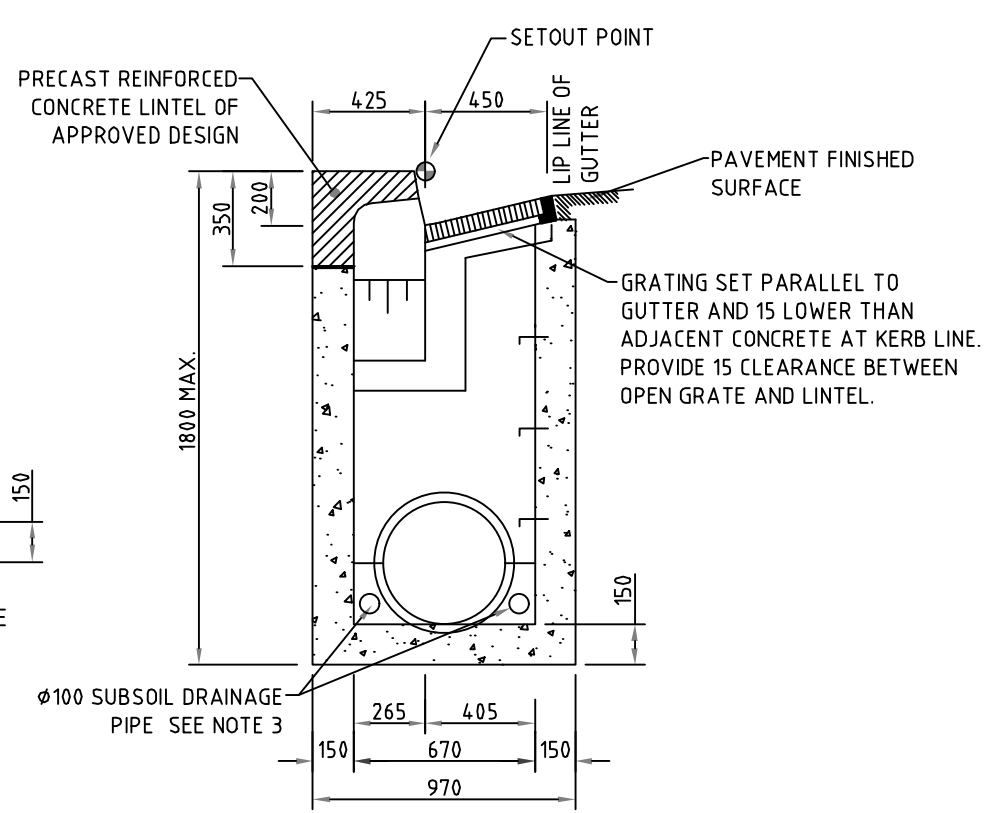


SECTION 1

SECTION 2

NOTES:

1. CONCRETE TO BE STRENGTH GRADE N25, 20mm MAXIMUM SIZE AGGREGATE IN ACCORDANCE WITH AS 3600.
2. STEP IRON LADDER TO BE PROVIDED FOR PITS DEEPER THAN 1200mm. PLACED ON A WALL CLEAR OF FLOW WHERE POSSIBLE, IN ACCORDANCE WITH BCC STANDARD S-122.
3. 100mm DIA. SUBSOIL DRAINAGE PIPE 3.0m LONG WRAPPED IN FABRIC SOCK TO BE PLACED ADJACENT TO INLET PIPES ON BOTH SIDES & MINIMUM 100mm ABOVE PIT FLOOR.
4. SELECTED GRANULAR MATERIAL BACKFILL SHALL BE PLACED AGAINST THE FULL HEIGHT OF THE VERTICAL WALLS FOR A HORIZONTAL DISTANCE EQUAL TO ONE-THIRD THE HEIGHT OF THE STRUCTURE.
5. SIDE WALLS OF PITS WITH DEPTH 1500 - 1800 ARE TO BE REINFORCED WITH SLS2 MESH CENTRALLY PLACED AND RETURNED 300 INTO BASE.
6. PITS LARGER THAN SHOWN ON THIS DRAWING ARE TO BE STEEL REINFORCED TO A STRUCTURAL ENGINEERS DETAIL.
7. PROVIDE CONCRETE BENCHING ACROSS PIT TO SUIT INLET & OUTLET PIPES AS DETAILED.
8. "HEAVY DUTY" GULLY GRATE TO BE USED IN INDUSTRIAL ROADS AND IN TRAFFIC LANES.
9. FOR PIPES LARGER THAN 475mm DIA CONSTRUCT EXTENDED GULLY PIT REFER TO BCC STD DWG S-102.



SECTION 3



CITY OF CANTERBURY BANKSTOWN

STANDARD GULLY PIT
AT SAG

PLAN VIEW, SECTIONS AND GENERAL NOTES

STD DWG N°

S-101A

Sheet N° 1 of 1

Revision 1/05/2017

File Name: S-101A.dwg

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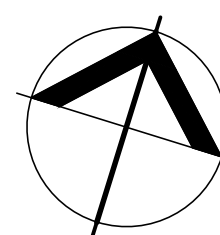
ISSUE	DESCRIPTION	BY	DATE	ISSUE	DESCRIPTION	BY	DATE
1	SHEET RENUMBERED	CE	01/03/22				
2	ISSUE FOR DEVELOPMENT APPLICATION	CE	10/10/21				

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FOR COUNCIL / CONSTRUCTION CERTIFICATE ISSUE	
CHECKED BY Signature: <i>Steve Arraj</i>	Date: 01/03/22
STEVE ARR AJ	B.E.(Civil)



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Ph. 02 8897 8800 www.maengineers.com.au



DRAWING TITLE
ASHBURY TERRACES
165-171 MILTON STREET
ASHBURY

PROJECT
PROPOSED NEW ACCESS ROAD
COUNCIL STANDARD DRAWINGS FOR
GULLY PITS

DESIGNED CE	PROJECT NUMBER	2626-DA	ISSUE 2
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DATUM AHD	DRAWING NUMBER	CIV-021	B1
SCALE NTS			

PROPOSED NEW ACCESS ROAD 165-171 MILTON STREET, ASHBURY

STORMWATER DRAINAGE NOTES

- THE BUILDER/CONTRACTOR SHALL LOCATE ALL EXISTING PUBLIC UTILITY SERVICES WITHIN THE SITE, FOOTPATH AREA AND ROAD RESERVE PRIOR TO THE COMMENCEMENT OF ANY WORKS. ALL LOCATIONS AND LEVELS OF SERVICES SHALL BE REPORTED TO THE CIVIL ENGINEER PRIOR TO THE COMMENCEMENT OF ANY WORKS TO ENSURE THERE ARE NO OBSTRUCTIONS IN THE LINE OF THE DRAINAGE DISCHARGE PIPES.
2. THE BUILDER IS TO VERIFY ALL LEVELS ON SITE PRIOR TO COMMENCING CONSTRUCTION.
3. SILT FENCE IS TO BE ERECTED PRIOR TO COMMENCING WORK. FENCE TO BE MAINTAINED IN WORKING ORDER DURING TIME OF CONSTRUCTION.
4. W.A.E. DRAWING BY A REGISTERED SURVEYOR IS REQUIRED PRIOR TO CERTIFICATION OF DRAINAGE.
5. ALL THE CLEANING EYES (OR INSPECTION EYES) FOR THE UNDER GROUND PIPES HAVE TO BE TAKEN UP TO THE FINISHED GROUND LEVEL FOR EASY IDENTIFICATION AND MAINTENANCE PURPOSES.
6. ALL PITS HAVING AN INTERNAL DEPTH THAT EXCEEDS 1.0m SHALL BE PROVIDED WITH GALVANISED STEP IRONS AT 300mm CENTRES PLACED IN A STAGGERED PATTERN AND SHALL BE IN ACCORDANCE WITH THE AUSTRALIAN STANDARDS AS 498-1994.
7. ALL LEVELS SHALL RELATE TO THE ESTABLISHED BENCH MARK.
8. THE BASE OF ALL DRAINAGE PITS SHALL BE BENCHMARKED TO THE INVERT OF THE OULET PIPE.
9. ALL STORMWATER DRAINAGE PIPES SHALL BE A MINIMUM Ø100mm PVC LAID AT 1% MINIMUM GRADE UNLESS NOTED OTHERWISE ON THE DRAWING, WHERE GROUND COVER OVER THE PIPES IS LESS THAN 300mm THE STORMWATER PIPES SHALL BE SEWER GRADE GPCV.
10. ALL WORKS WITHIN THE FOOTPATH AREA SHALL BE SUITABLY BARRICADED AND SIGPOSTED IN ACCORDANCE WITH A TRAFFIC MANAGEMENT PLAN THAT HAS BEEN PREPARED BY A QUALIFIED AND RTA ACCREDITED TRAFFIC ENGINEER AND APPROVED BY COUNCIL. IT IS THE RESPONSIBILITY OF THE BUILDER OR CONTRACTOR CARRYING OUT THE WORKS WITHIN THE FOOTPATH AREA AND ROAD RESERVE TO OBTAIN THE NECESSARY APPROVED DOCUMENTS AS OUTLINED ABOVE.
11. ALL RETAINING WALLS SHALL BE CONSTRUCTED COMPLETELY WITHIN THE PROPERTY BOUNDARY LIMITS TO DETAILS PREPARED BY THE STRUCTURAL ENGINEER.
12. ALL SUB-SOIL DRAINAGE SHALL BE A MINIMUM OF Ø65mm AND SHALL BE PROVIDED WITH A FILTER SOCK. THE SUBSOIL DRAINAGE SHALL BE INSTALLED IN ACCORDANCE WITH DETAILS TO BE PROVIDED BY THE LANDSCAPE ARCHITECT.
13. PRIOR TO COMMENCING ANY WORKS ON THE SITE, THE BUILDER SHALL ENSURE THAT THE INVERT LEVELS OF WHERE THE ROADS STORMWATER SYSTEM CONNECTS INTO THE COUNCIL'S KERB/DRAINAGE SYSTEM MATCHES THE DESIGN LEVEL. ANY DISCREPANCIES SHALL BE REPORTED TO THE DESIGN ENGINEER IMMEDIATELY.

LEGEND

DRAINAGE LINE 

DRAINAGE LINE CAST IN CONCRETE SLAB 

AG. LINE  o o

SILT FENCE 

EXISTING LEVEL x  DESIGN LEVEL x 

SILT BARRIER AROUND PIT 

TOP OF WALL R.L. 166.00  TOW 166.00

GRATED TRENCH DRAIN WITH STANDARD GRATING 

SURFACE INLET PIT WITH HEEL AND WHEEL SAFE GRATING 

SEALED JUNCTION PIT 

CLEANING EYE (OR INSPECTION EYE) 

SHEET INDEX

SHEET INDEX	
2626-DA-CIV-001	TITLE PAGE AND NOTES DRAWING
2626-DA-CIV-010	PROPOSED INTERIM NEW ACCESS ROAD LAYOUT, ROAD CENTRELINE LONGSECTION AND TYPICAL ROAD SECTION DRAWING
2626-DA-CIV-011	PROPOSED INTERIM NEW ACCESS ROAD CROSS SECTIONS DRAWING
2626-DA-CIV-012	PROPOSED FINAL NEW ACCESS ROAD LAYOUT, ROAD CENTRELINE LONGSECTION AND TYPICAL ROAD SECTION DRAWING
2626-DA-CIV-013	PROPOSED FINAL NEW ACCESS ROAD CROSS SECTIONS DRAWING
2347-DA-CIV-020	PROPOSED NEW ACCESS ROAD COUNCIL STANDARD DRAWINGS
2347-DA-CIV-021	PROPOSED NEW ACCESS ROAD COUNCIL STANDARD DRAWINGS FOR GULLY PITS



GENERAL NOTES

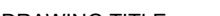
- 3 ALL WORK TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S ENGINEER.
- 2 ANY EXISTING SURVEY MARKS SHALL BE RETAINED AT ALL TIMES. WHERE RETENTION IS NOT POSSIBLE THE SUPERINTENDENT MUST BE NOTIFIED AND CONSENT RECEIVED PRIOR TO THEIR REMOVAL. ALL LEVELS ARE ON AUSTRALIAN HEIGHT DATUM.
- 3 THE BUILDER/CONTRACTOR SHALL LOCATE AND LEVEL ALL EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION AND MAKE ARRANGEMENTS WITH THE RELEVANT AUTHORITIES TO RELOCATE OR ADJUST IF NECESSARY.
- 4 THE BUILDER/CONTRACTOR SHALL NOT ENTER UPON OR DO ANY WORK WITHIN ADJACENT LANDS WITHOUT THE PERMISSION OF THE SUPERINTENDENT.
- 5 THE BUILDER/CONTRACTOR SHALL MAINTAIN SERVICES AND ALL WEATHER ACCESS AT ALL TIMES TO ADJACENT / ADJOINING PROPERTIES.
- 6 COUNCIL'S TREE PRESERVATION ORDER MUST BE OBSERVED AND NO TREE IS TO BE REMOVED, FELLED OR LOPPED WITHOUT THE PRIOR APPROVAL OF COUNCIL'S ENGINEER.
- 7 THE BUILDER/CONTRACTOR IS TO CLEAR AND DISPOSE OF ONLY THOSE TREES THAT ARE CONDEMNED BY THE COUNCIL ENGINEER AND SHALL MAKE EVERY EFFORT TO PRESERVE ALL OTHER TREES.
- 8 ALL NEW WORK TO MAKE SMOOTH JUNCTION WITH EXISTING CONDITIONS.
- 9 DRAINAGE LINES UNDER ROADS SHALL BE BACKFILLED WITH SHARP SAND TO 300MM ABOVE THE PIPE OBVERT THEN DGS 20 OR EQUIVALENT TO THE TOP OF SUBGRADE AND HAVE 3M OF SUBSOIL DRAIN WRAPPED IN APPROVED FILTER SOCK DISCHARGING INTO DOWNSTREAM PITS.
- 10 GENERAL CONCRETE STRENGTH REQUIREMENTS
 - 20MPA @ 28 DAYS FOR ALL MINOR CONCRETE WORKS SUCH AS GULLY PITS OR PATHWAYS.
 - 25MPA FOR AREAS OF WORK SUCH AS ACCESS ROADS
 - 30MPA FOR WORK WITHIN CARRIAGEWAYS SUCH AS THRESHOLD
- 11 THE REQUIREMENTS OF THE NSW DEPARTMENT OF SOIL CONSERVATION AND LAND MANAGEMENT ARE TO BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY WORK.
- 12 EXISTING PEDESTRIAN AND ROAD TRAFFIC SHALL BE CONTROLLED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN. THE TRAFFIC CONTROL PLAN SHALL BE PREPARED BY A QUALIFIED TRAFFIC CONSULTANT HAVING RTA ACCREDITATION AND SHALL BE SUBMITTED AND APPROVED BY CANTERBURY BANKSTOWN COUNCIL PRIOR TO THE COMMENCEMENT OF ANY ROAD WORKS.
- 13 ALL DISTURBED UNPAVED FOOTWAY AREAS SHALL BE TOP SOILED WITH 75MM OF APPROVED LOAM AND TURED AS SOON AS PRACTICABLE TO ENCOURAGE REVEGETATION AND MINIMISE SOIL EROSION FROM SITE.
- 14 THE BUILDER SHALL CONTACT CANTERBURY BANKSTOWN COUNCIL AND ARRANGE FOR REGULAR INSPECTIONS OF FORMWORK PRIOR TO POURING OF ANY CONCRETE WITHIN THE ROAD RESERVE AREAS.

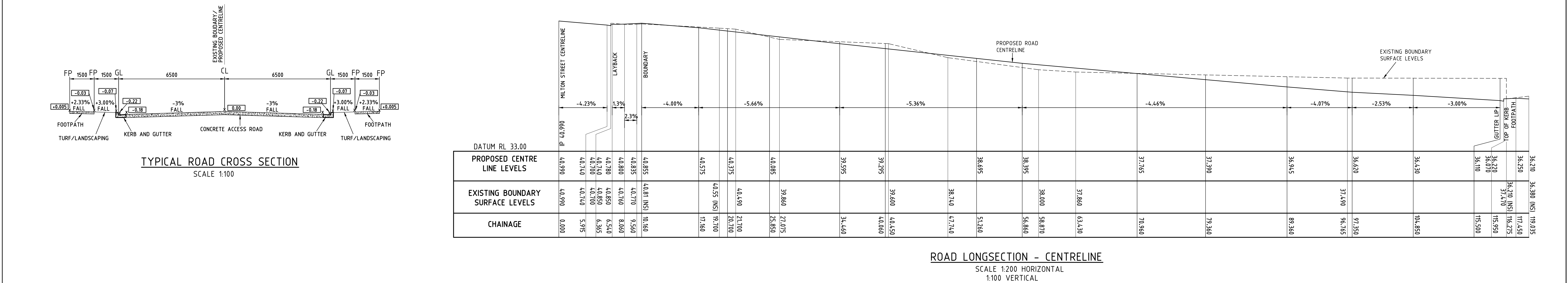
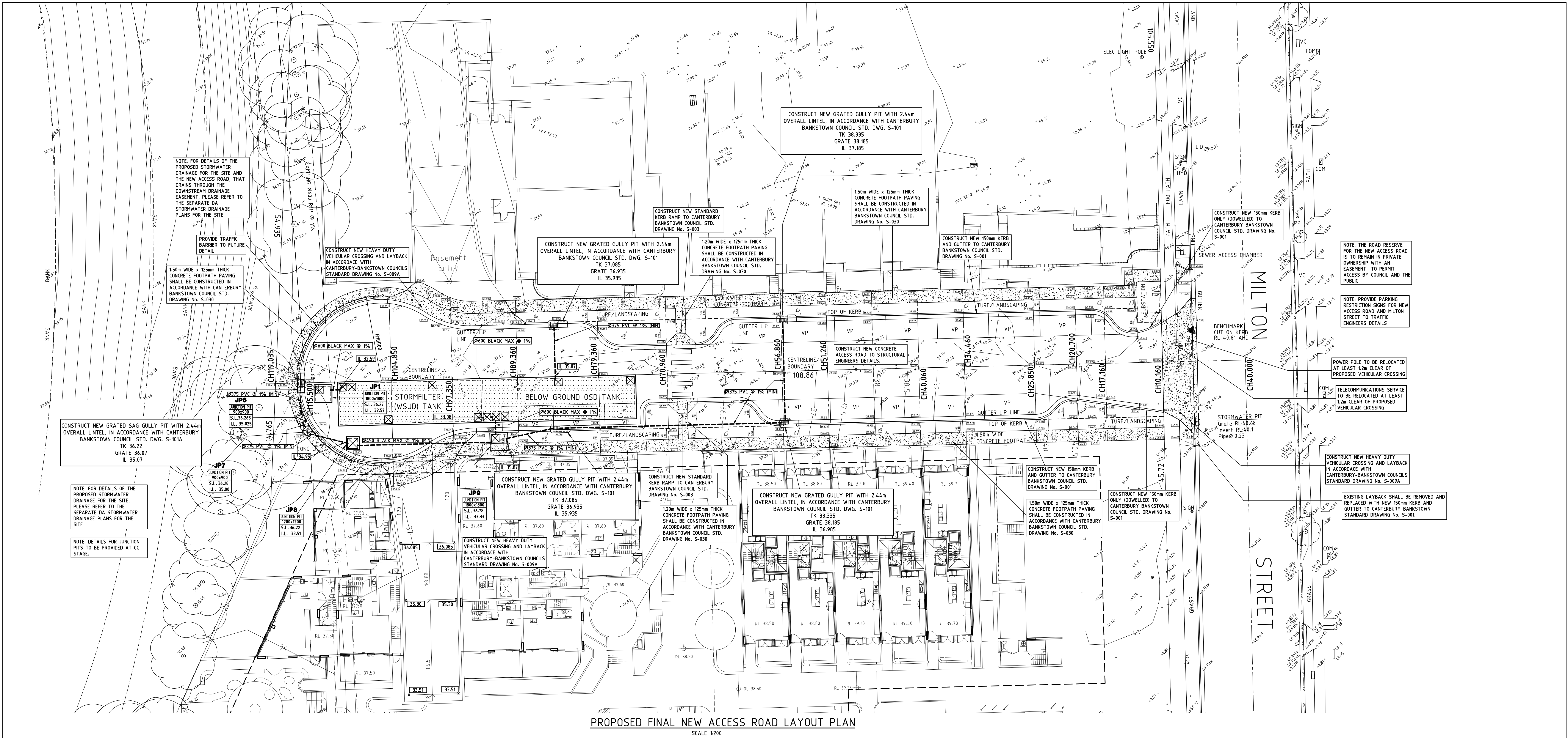
SEDIMENT AND EROSION CONTROL NOTES

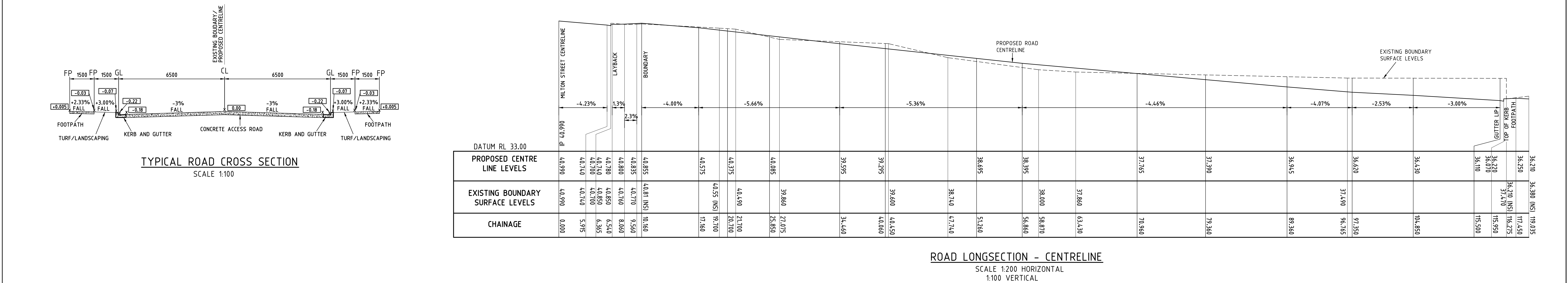
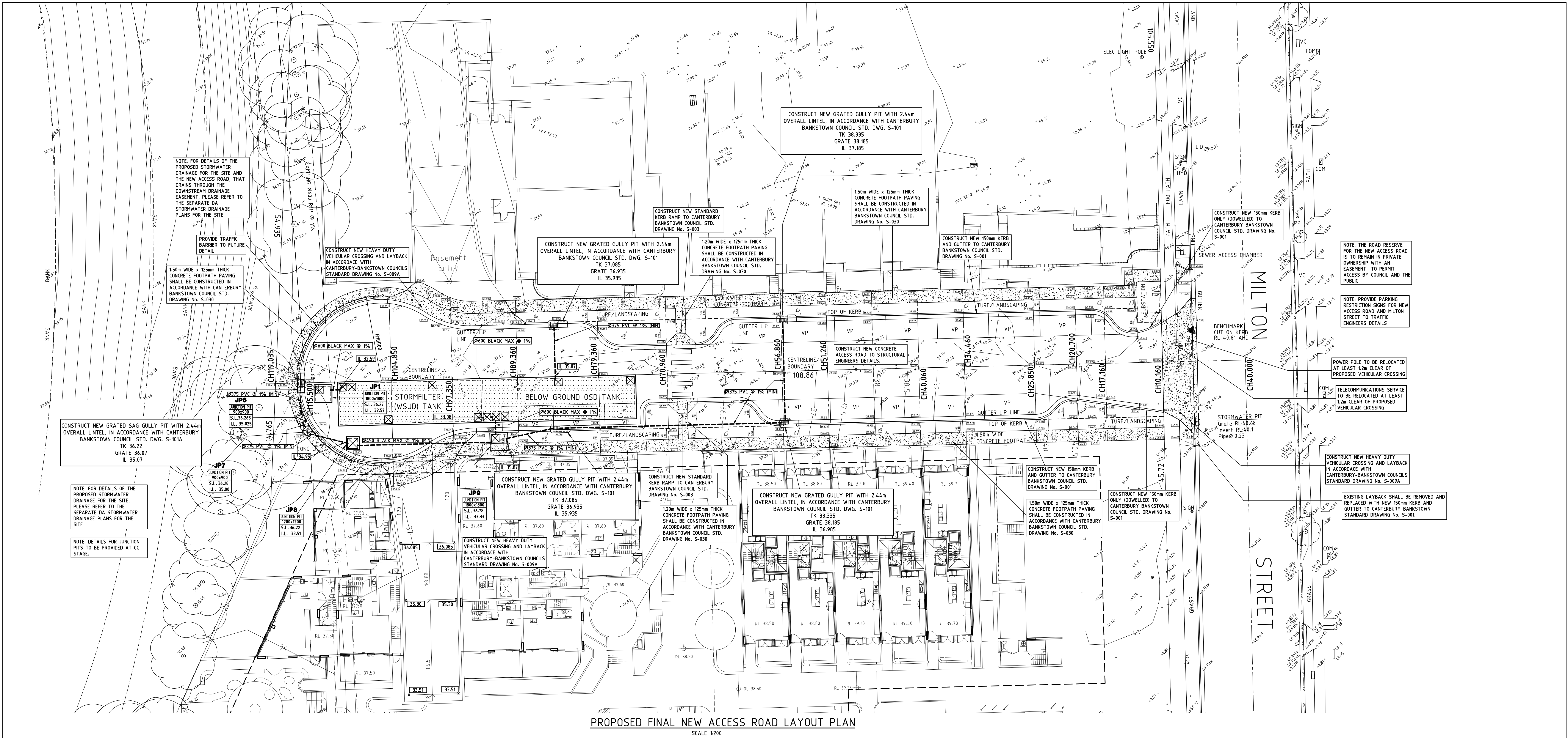
1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED, PLACED AND MAINTAINED IN ACCORDANCE WITH AUBURN CITY COUNCIL STANDARDS AND THE DEPARTMENT OF HOUSING'S "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION" MANUAL.
2. NO CONSTRUCTION WORKS ARE TO COMMENCE ON SITE UNTIL ALL EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE AND HAVE BEEN INSPECTED AND APPROVED BY THE PRINCIPAL CERTIFYING AUTHORITY.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REGULARLY INSPECTED, IN PARTICULAR AFTER STORMS, AND REPAIRED OR MAINTAINED AS REQUIRED TO ENSURE THE MEASURES' CORRECT AND EFFICIENT FUNCTION THROUGHOUT THE DURATION OF THE WORKS, UNTIL, SUCH TIME AS THE PRINCIPAL CERTIFYING AUTHORITY AUTHORISES THE REMOVAL OF SUCH MEASURES.
4. ALL STOCKPILES SHALL BE CLEAR OF ALL TREES AND DRAINAGE LINES (INCLUDING OVERLAND FLOW PATHS) AND PROTECTED FROM EROSION.
5. DUST CONTROL MEASURES SHALL BE IMPLEMENTED CONTINUOUSLY DURING CONSTRUCTION WORKS.
6. ALL AREAS OF THE SITE DISTURBED AND GRADED SHALL BE REVEGETATED AS SOON AS CONSTRUCTION WORKS HAVE BEEN COMPLETED.

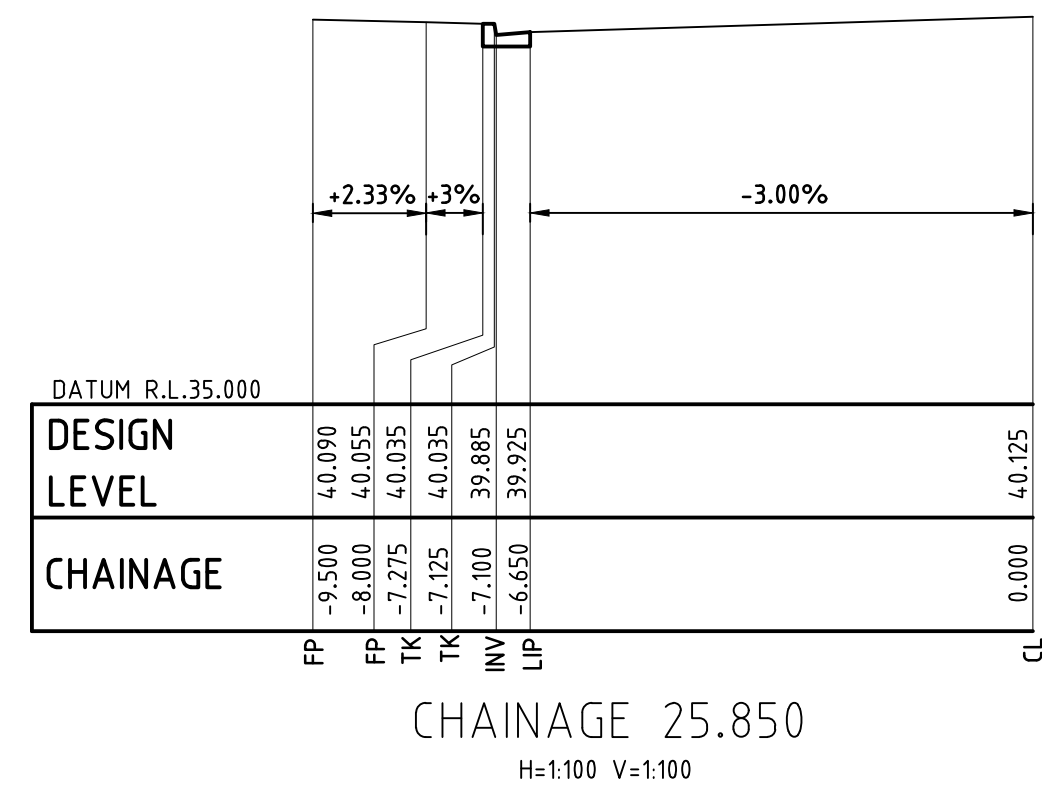
SERVICES NOTES

1. IT IS THE CONSTRUCTORS RESPONSIBILITY TO NOTIFY THE RELEVANT SERVICES AUTHORITIES OF THE WORKS AND VERIFY THE LOCATION OF ALL EXISTING SERVICES PRIOR TO ANY CONSTRUCTION ACTIVITIES COMMENCING.
2. THE CONSTRUCTOR SHALL LIAISE AND COORDINATE THE TIMING OF THE CONSTRUCTION OF THE WORKS WITH THE RELEVANT SERVICES AUTHORITIES AND/OR OTHER CONSTRUCTORS INSTALLING SERVICES CONCURRENTLY AT THIS SITE.
3. THE LOCATION OF ALL EXISTING SERVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY AND HAVE BEEN TAKEN FROM INFORMATION PROVIDED BY THE RELEVANT SERVICE AUTHORITIES.
4. THE CONSTRUCTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED TO EXISTING SERVICES AS A RESULT OF THE CONSTRUCTION WORKS.
5. THE COORDINATION OF TELECOMMUNICATIONS, ELECTRICAL, GAS, WATER, SEWER, STORMWATER AND ANY OTHER SERVICE SHALL BE THE RESPONSIBILITY OF THE CONSTRUCTOR.

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