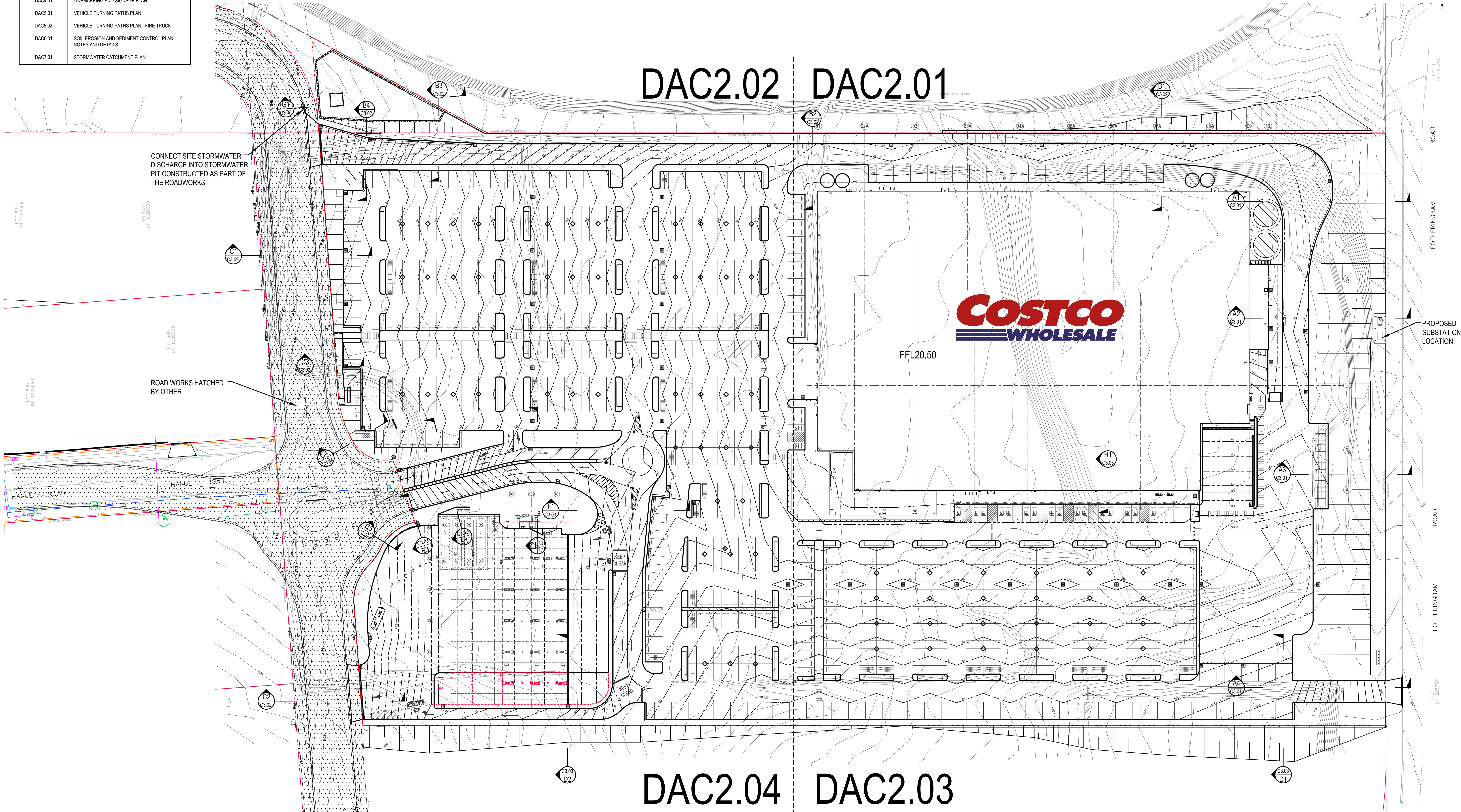


DWG No.	DRAWING TITLE
DAC1.01	CIVIL WORKS GENERAL ARRANGEMENT PLAN
DAC2.01	SITEWORKS PLAN - SHEET 1 OF 4
DAC2.02	SITEWORKS PLAN - SHEET 2 OF 4
DAC2.03	SITEWORKS PLAN - SHEET 3 OF 4
DAC2.04	SITEWORKS PLAN - SHEET 4 OF 4
DAC3.01	SITEWORKS SECTIONS - SHEET 1 OF 3
DAC3.02	SITEWORKS SECTIONS - SHEET 2 OF 3
DAC3.03	SITEWORKS SECTIONS - SHEET 3 OF 3
DAC4.01	LINEMARKING AND SIGNAGE PLAN
DAC5.01	VEHICLE TURNING PATHS PLAN
DAC5.02	VEHICLE TURNING PATHS PLAN - FIRE TRUCK
DAC6.01	SOIL EROSION AND SEDIMENT CONTROL PLAN, NOTES AND DETAILS
DAC7.01	STORMWATER CATCHMENT PLAN



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P1	ISSUED FOR REVIEW	24.06.20	RAS	SRW	
Issue	Description	Date	Drawn	Approved	
SRW	NEW SITE PLAN				

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Project

COSTCO
LAKE MACQUARIE
2A MAIN ROAD, BOOLAROO, NSW

Drawing Title					
CIVIL WORKS GENERAL ARRANGEMENT PLAN					
Drawn	Date	Scale	B1	G/A Check	Date
RAS	FEB 2020	AS SHOWN			
Designed	Project No.	Dwg. No.		Issue	
SRW	NW160127	DAC1.01		B	

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SCALE 1:500



CIVIL LEGEND PROPOSED

- PAVEMENT AREAS
- PAVEMENT FUEL AREAS
- ROAD RESERVE - BY OTHERS
- FOOTPATH PAVEMENT
- RAINGARDEN
- LANDSCAPE AREAS
- KERB
- BLOCK RETAINING WALL
- SAWCUT
- PRAM RAMP
- FINISHED SURFACE LEVEL
- FINISHED SURFACE CONTOUR
- FFL FINISHED FLOOR LEVEL
- FINISHED SURFACE GRADE
- STORMWATER PIT
- STORMWATER DRAINAGE LINE WITH:
 - INVERT LEVEL UPSTREAM
 - PIPE SIZE AND CLASS
 - PIPE GRADE
 - PIPE LENGTH
 - INVERT LEVEL DOWNSTREAM
- EMERGENCY SITE OVERLAND FLOW ROUTE

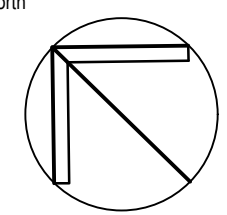
CIVIL LEGEND EXISTING

- BOUNDARY
- KERB
- SURFACE LEVEL
- SURFACE CONTOUR
- STORMWATER PIT
- SEWER PIPE
- STORMWATER PIPE

- NOTES**
- N1. FUEL SPILL WATER QUALITY TREATMENT UNIT.
 - N2. EXTERNAL ROAD DESIGN (BY OTHERS) LEVELS TO BE CONFIRMED PRIOR TO DETAIL DESIGN PACKAGE.
 - N3. DOWN PIPES DIRECTED AT HIGH LEVEL TO RAINWATER RE-USE TANK (MIN 80L). PROVIDE OVERFLOW CONNECTION TO GROUND STORMWATER SYSTEM.
 - N4. INSTALL 'OCEAN PROTECT' 'OCEANGUARD' IN ALL STORMWATER SURFACE INLET PITS.
 - N5. FUTURE FUEL EXTENSION AREA.

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Issue	Description	Date	Drawn	Approved
New or full page				



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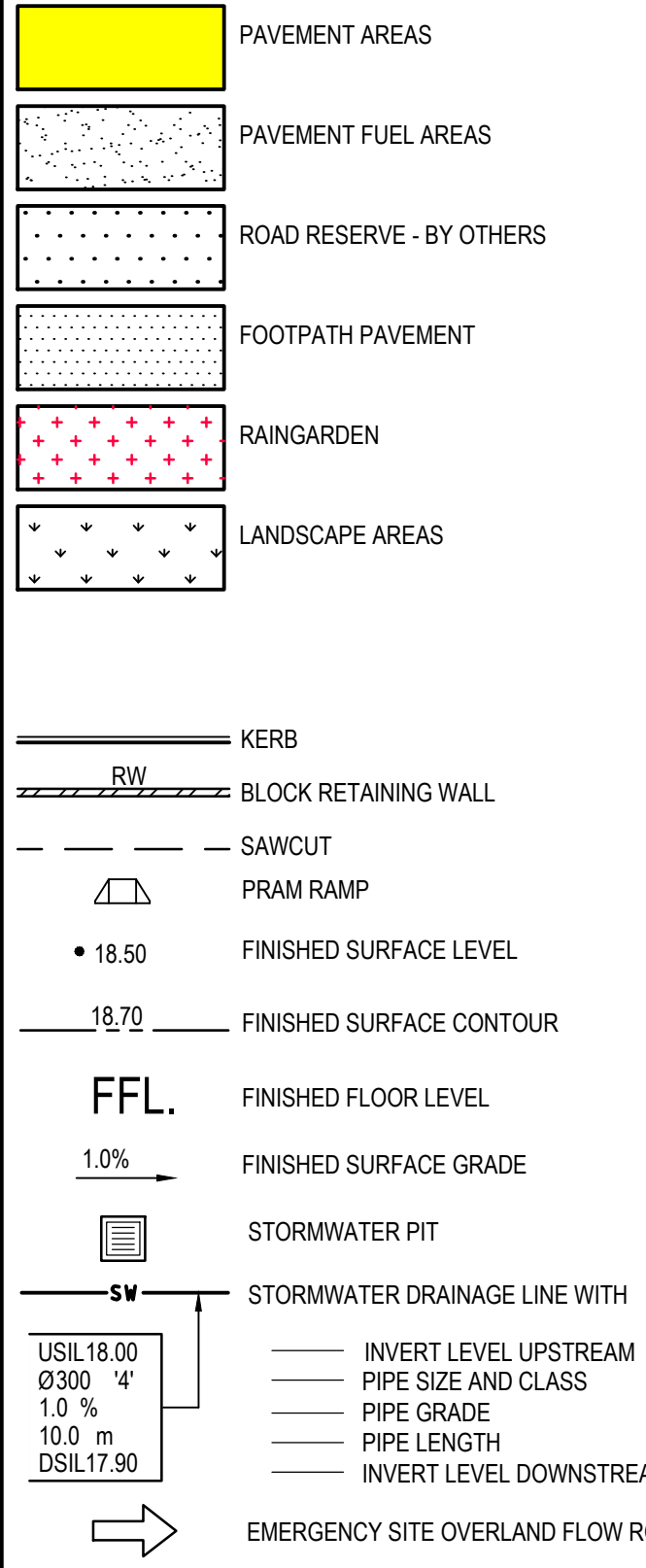
Project

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2A MAIN ROAD, BOOLAROO, NSW

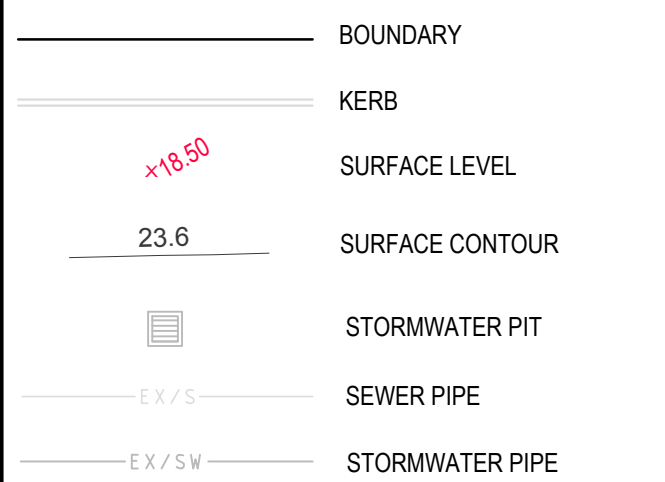
Drawing Title				
CIVIL WORKS PLAN				
SHEET 1 OF 4				
Drawn	Date	Scale	B1	G.A. Check
RAS	FEB 2020	AS SHOWN		
Designed	Project No.	Dwg. No.	Issue	
SRW	NW160127	DAC2.01	B	

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CIVIL LEGEND PROPOSED



CIVIL LEGEND EXISTING



NOTES

- N1. FUEL SPILL WATER QUALITY TREATMENT UNIT.
- N2. EXTERNAL ROAD DESIGN (BY OTHERS) LEVELS TO BE CONFIRMED PRIOR TO DETAIL DESIGN PACKAGE.
- N3. DOWN PIPES DIRECTED AT HIGH LEVEL TO RAINWATER RE-USE TANK (MIN 800). PROVIDE OVERFLOW CONNECTION TO GROUND STORMWATER SYSTEM.
- N4. INSTALL 'OCEAN PROTECT' 'OCEANGUARD' IN ALL STORMWATER SURFACE INLET PITS.
- N5. FUTURE FUEL EXTENSION AREA.

FOR CONTINUATION REFER DWG DAC2.04

FOR CONTINUATION REFER DWG DAC2.01

LOT 600
DP 1228699

SCALE 1:250

0 2.5 5 10 15 20 25m

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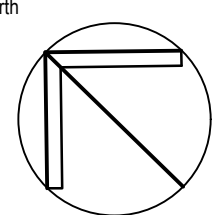
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P1	ISSUED FOR REVIEW	24.06.20	RAS	SRW
Issue	Description	Date	Drawn	Approved



Client
COSTCO WHOLESALE
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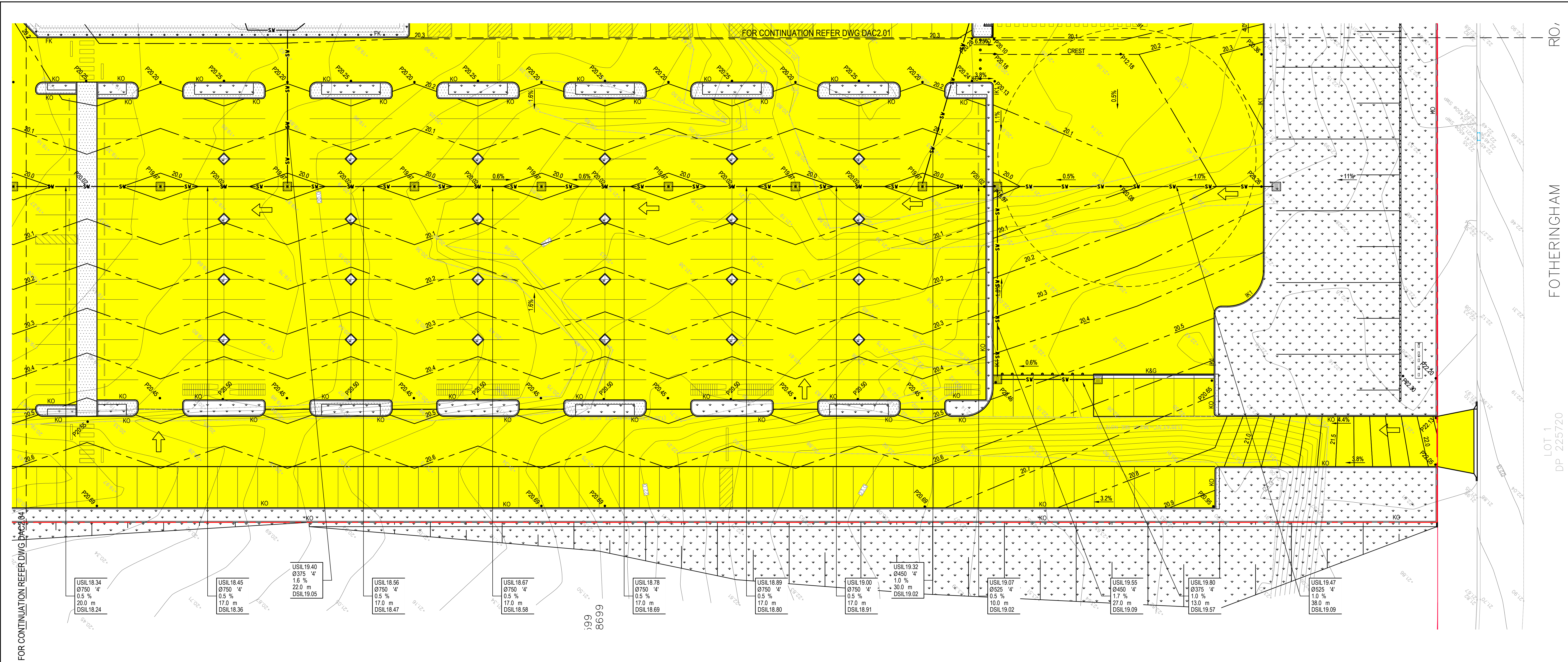
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Project
COSTCO LAKE MACQUARIE
2A MAIN ROAD, BOOLAROO, NSW

Drawing Title CIVIL WORKS SITEWORKS PLAN SHEET 2 OF 4		Scale B1		G.A. Check		Date	
Drawn RAS	Date FEB 2020	Scale B1	G.A. Check AS SHOWN	Date FEB 2020	Issue B		
Designed SRW	Project No. NW160127	Dwg. No. DAC2.02	Issue B				



CIVIL LEGEND PROPOSED

- PAVEMENT AREAS
- PAVEMENT FUEL AREAS
- ROAD RESERVE - BY OTHERS
- FOOTPATH PAVEMENT
- RAINGARDEN
- LANDSCAPE AREAS

- KERB
- BLOCK RETAINING WALL
- SAWCUT
- PRAM RAMP
- FINISHED SURFACE LEVEL
- FINISHED SURFACE CONTOUR
- FFL FINISHED FLOOR LEVEL
- 1.0% FINISHED SURFACE GRADE
- STORMWATER PIT
- STORMWATER DRAINAGE LINE WITH
 - INVERT LEVEL UPSTREAM
 - PIPE SIZE AND CLASS
 - PIPE GRADE
 - PIPE LENGTH
 - INVERT LEVEL DOWNSTREAM
- EMERGENCY SITE OVERLAND FLOW ROUTE

CIVIL LEGEND EXISTING

- BOUNDARY
- KERB
- SURFACE LEVEL
- SURFACE CONTOUR
- STORMWATER PIT
- SEWER PIPE
- STORMWATER PIPE

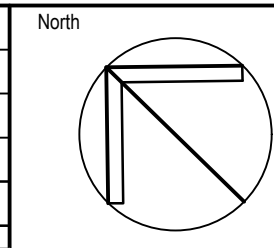
NOTES

- N1. FUEL SPILL WATER QUALITY TREATMENT UNIT.
- N2. EXTERNAL ROAD DESIGN (BY OTHERS) LEVELS TO BE CONFIRMED PRIOR TO DETAIL DESIGN PACKAGE.
- N3. DOWN PIPES DIRECTED AT HIGH LEVEL TO RAINWATER RE-USE TANK (MIN 80m). PROVIDE OVERFLOW CONNECTION TO GROUND STORMWATER SYSTEM.
- N4. INSTALL 'OCEAN PROTECT' 'OCEANGUARD' IN ALL STORMWATER SURFACE INLET PITS.
- N5. FUTURE FUEL EXTENSION AREA.

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P1	ISSUED FOR REVIEW	24.06.20	RAS	SRW
Issue	Description	Date	Drawn	Approved
	Drawn by: [Signature]			



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Project

COSTCO
LAKE MACQUARIE
2A MAIN ROAD, BOOLAROO, NSW

Drawing Title

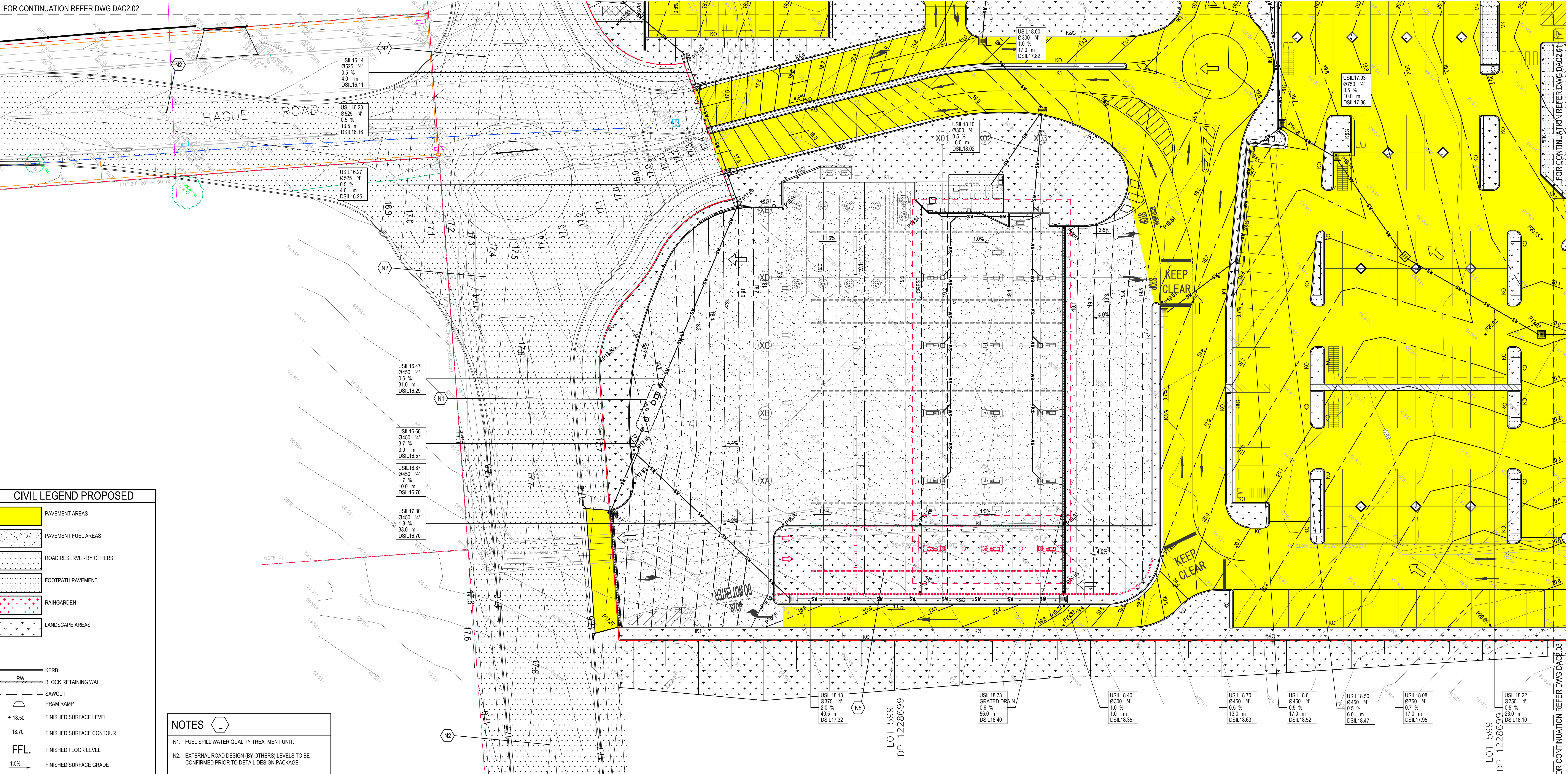
CIVIL WORKS PLAN
SITWORKS PLAN
SHEET 3 OF 4

Drawn	Date	Scale	B1	G.A. Check	Date
RAS	FEB 2020	AS SHOWN			
Designed	Project No.	Dwg. No.	Issue		
SRW	NW160127	DAC2.03	B		

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SCALE 1:250

FOR CONTINUATION REFER DWG DAC2.02



CIVIL LEGEND PROPOSED

- PAVEMENT AREAS
- PAVEMENT FUEL AREAS
- ROAD RESERVE - BY OTHERS
- FOOTPATH PAVEMENT
- RAINGARDEN
- LANDSCAPE AREAS

- KERB
- BLOCK RETAINING WALL
- SAWCUT
- PRAM RAMP
- FINISHED SURFACE LEVEL
- FINISHED SURFACE CONTOUR
- FINISHED FLOOR LEVEL
- FINISHED SURFACE GRADE
- STORMWATER PIT
- STORMWATER DRAINAGE LINE WITH
- INVERT LEVEL UPSTREAM
- PIPE SIZE AND CLASS
- PIPE GRADE
- PIPE LENGTH
- INVERT LEVEL DOWNSTREAM
- EMERGENCY SITE OVERLAND FLOW ROUTE

NOTES

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- EXTERNAL ROAD DESIGN (BY OTHERS) LEVELS TO BE CONFIRMED PRIOR TO DETAIL DESIGN PACKAGE.
- DOWN PIPES DIRECTED AT HIGH LEVEL TO RAINWATER RE-USE TANK (MIN 80M). PROVIDE OVERFLOW CONNECTION TO GROUND STORMWATER SYSTEM.
- INSTALL 'OCEAN PROTECT' 'OCEANGUARD' IN ALL STORMWATER SURFACE INLET PITS.
- FUTURE FUEL EXTENSION AREA.

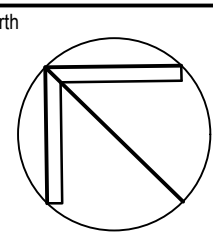
CIVIL LEGEND EXISTING

- BOUNDARY
- KERB
- SURFACE LEVEL
- SURFACE CONTOUR
- STORMWATER PIT
- SEWER PIPE
- STORMWATER PIPE

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Project
COSTCO LAKE MACQUARIE
2A MAIN ROAD, BOOLAROO, NSW

Drawing Title
CIVIL WORKS PLAN
SITWORKS PLAN
SHEET 4 OF 4

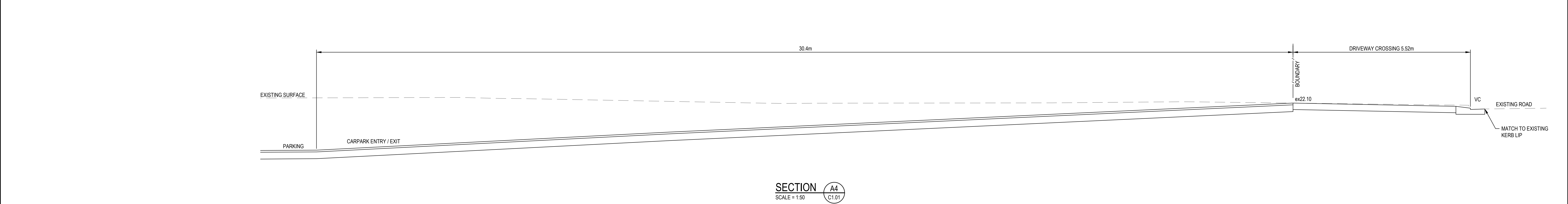
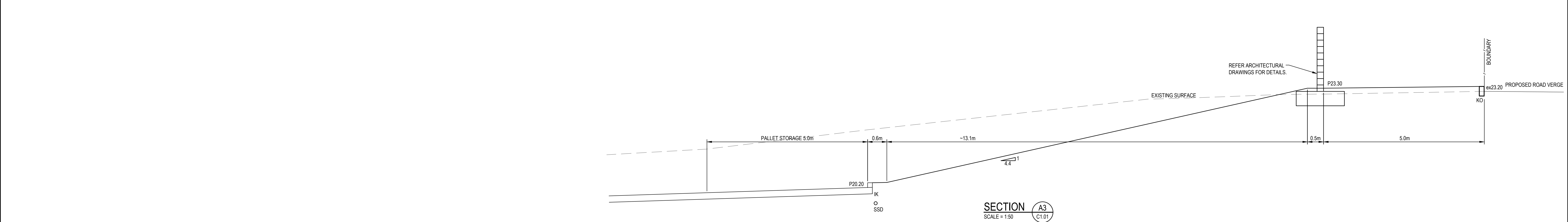
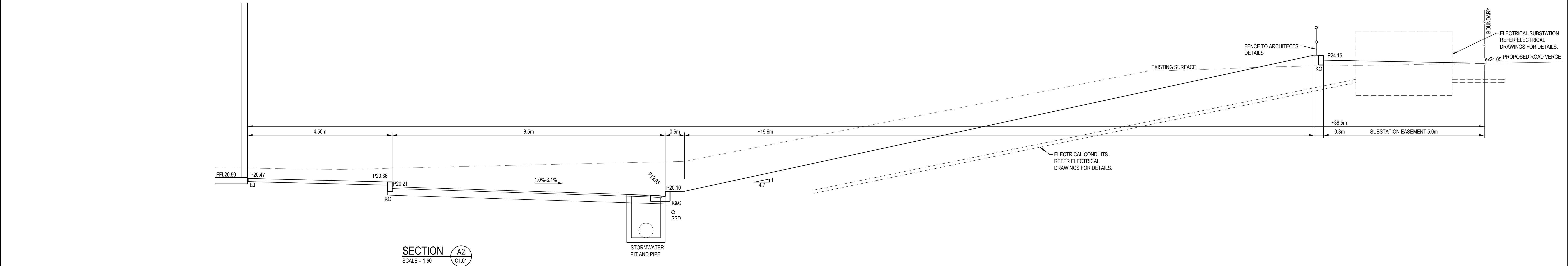
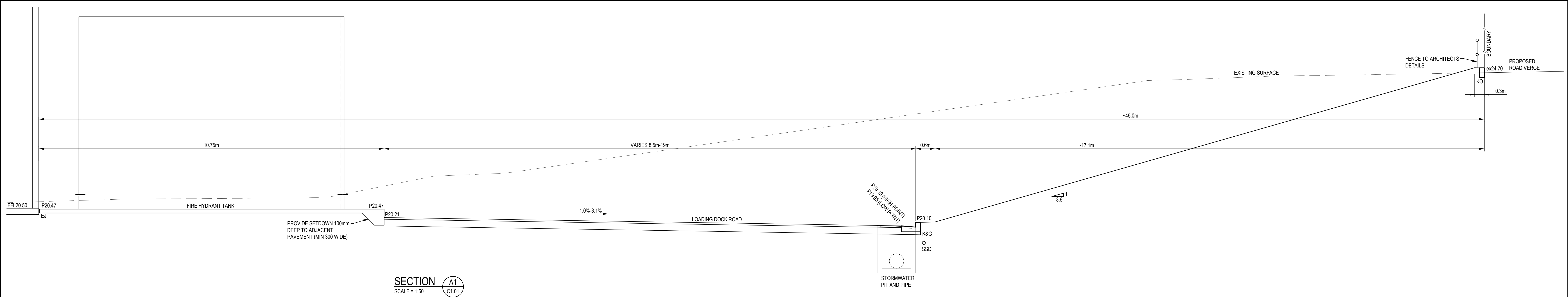
Drawn	Date	Scale	B1	G.A. Check	Date
RAS	FEB 2020	AS SHOWN			
Designed	Project No.	Dwg. No.	Issue		
SRW	NW160127	DAC2.04	B		

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FOR CONTINUATION REFER DWG DAC2.03

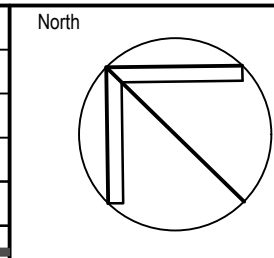
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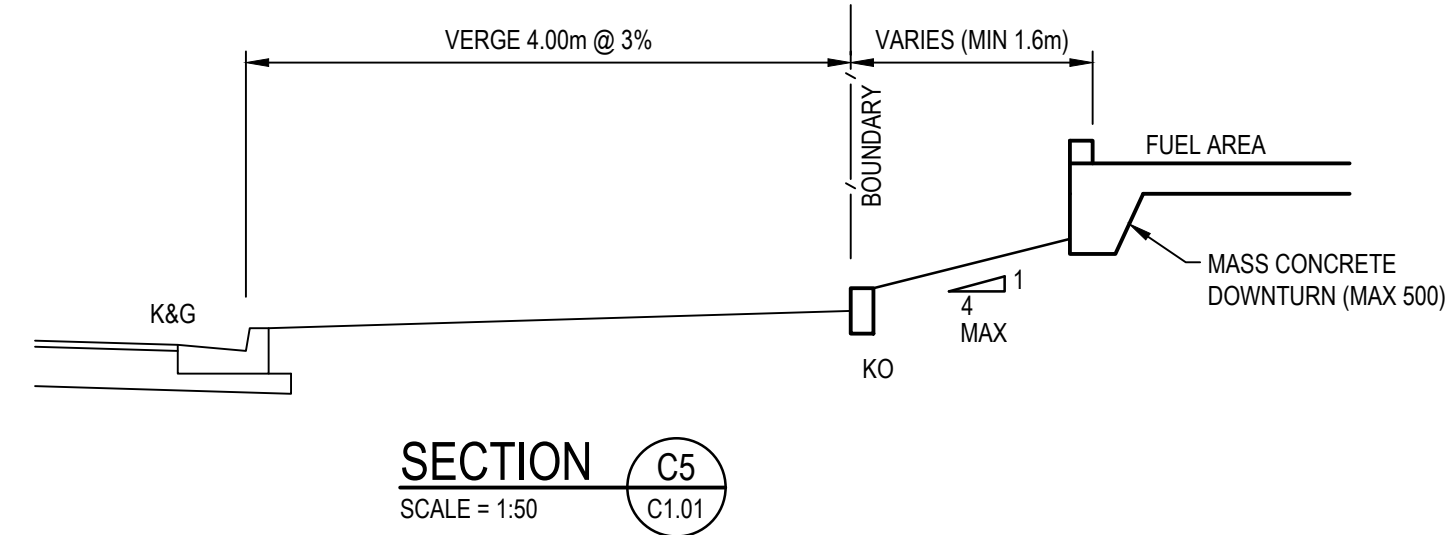


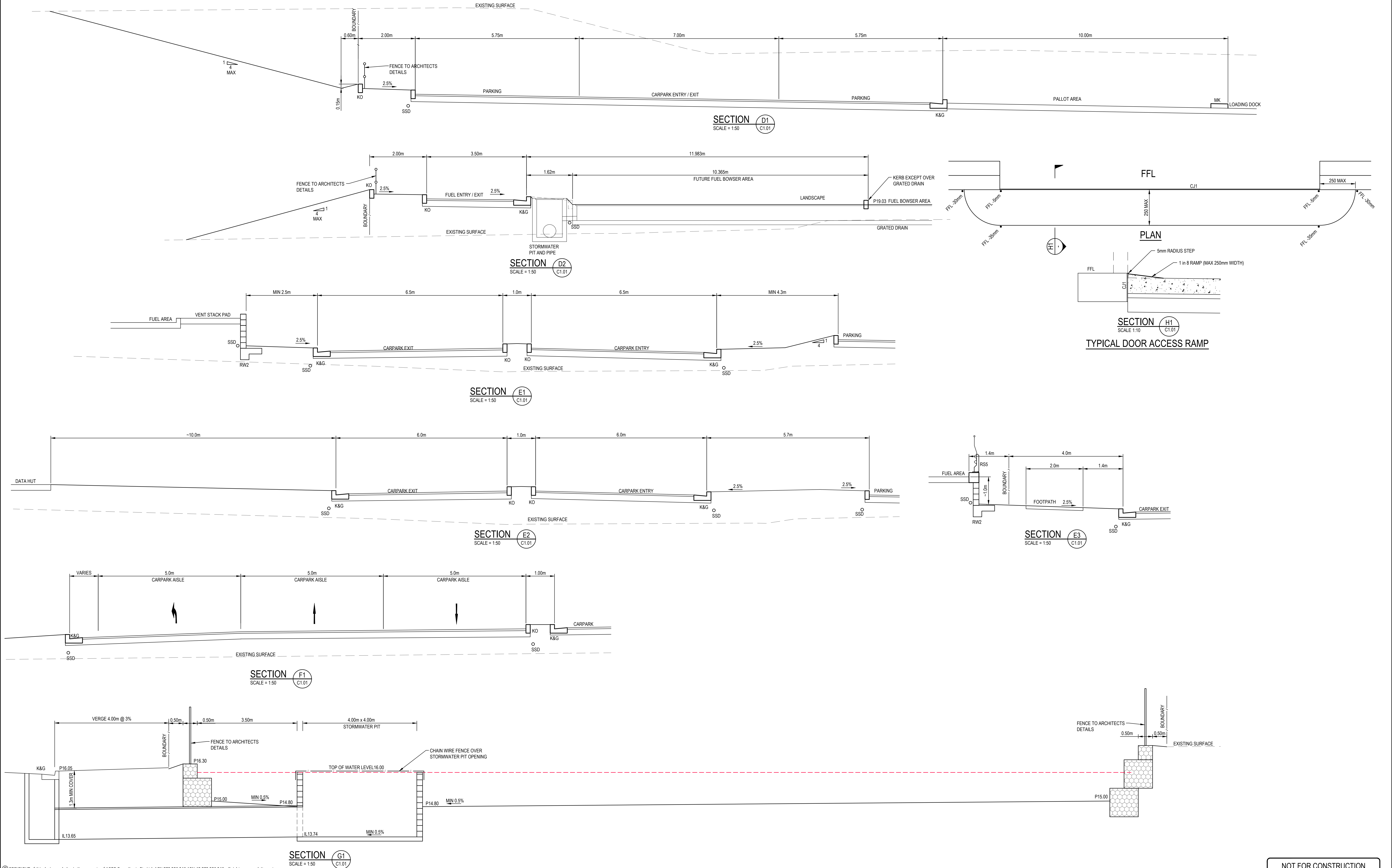
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Project
COSTCO
LAKE MACQUARIE
2A MAIN ROAD, BOOLAROO, NSW

Drawn	Date	Scale	B1	G.A. Check	Date
RAS	FEB 2020	AS SHOWN			
Designed	Project No.	Dwg. No.	Issue		
SRW	NW160127	DAC3.01	B		

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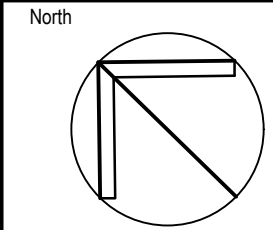




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Designed	Project No.	Dwg. No.	Issue		
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- LEGEND
- UK1
 - UA3(L)
 - UA3(R)
 - DISABLED PARKING SYMBOL
 - FUEL FILLING
 - DIRECTION ARROW

LEGEND
SIGNS

- R5-1
- NO ENTRY R2-4
- NO EXIT R2-8
- DELIVERY VEHICLES ONLY
- STAFF AND DELIVERY VEHICLES ONLY
- R1-3
- COSTCO FUEL ONLY
- COSTCO FUEL ONLY



FFL20.50

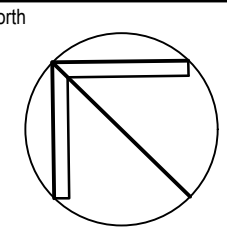
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CENTRE
PARKING

SCALE 1:500

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P1	ISSUED FOR REVIEW	18.06.20	RAS	SRW



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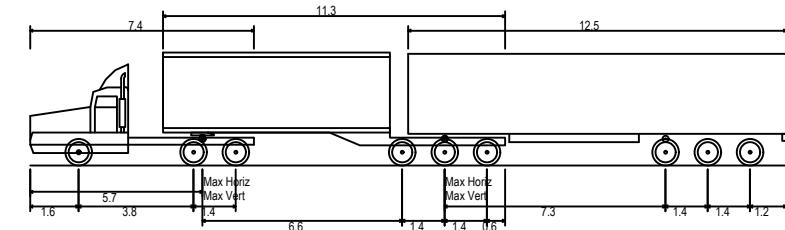
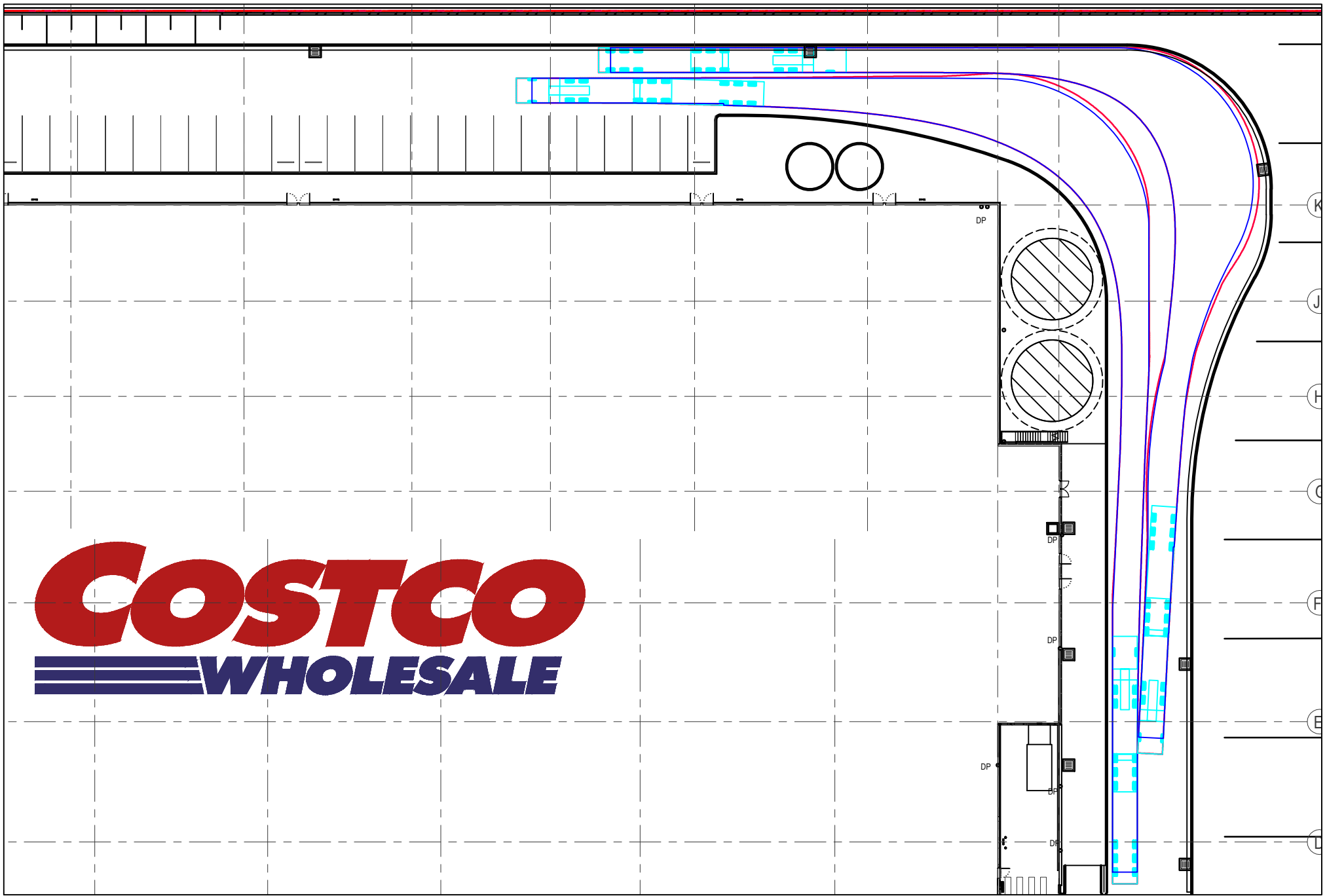
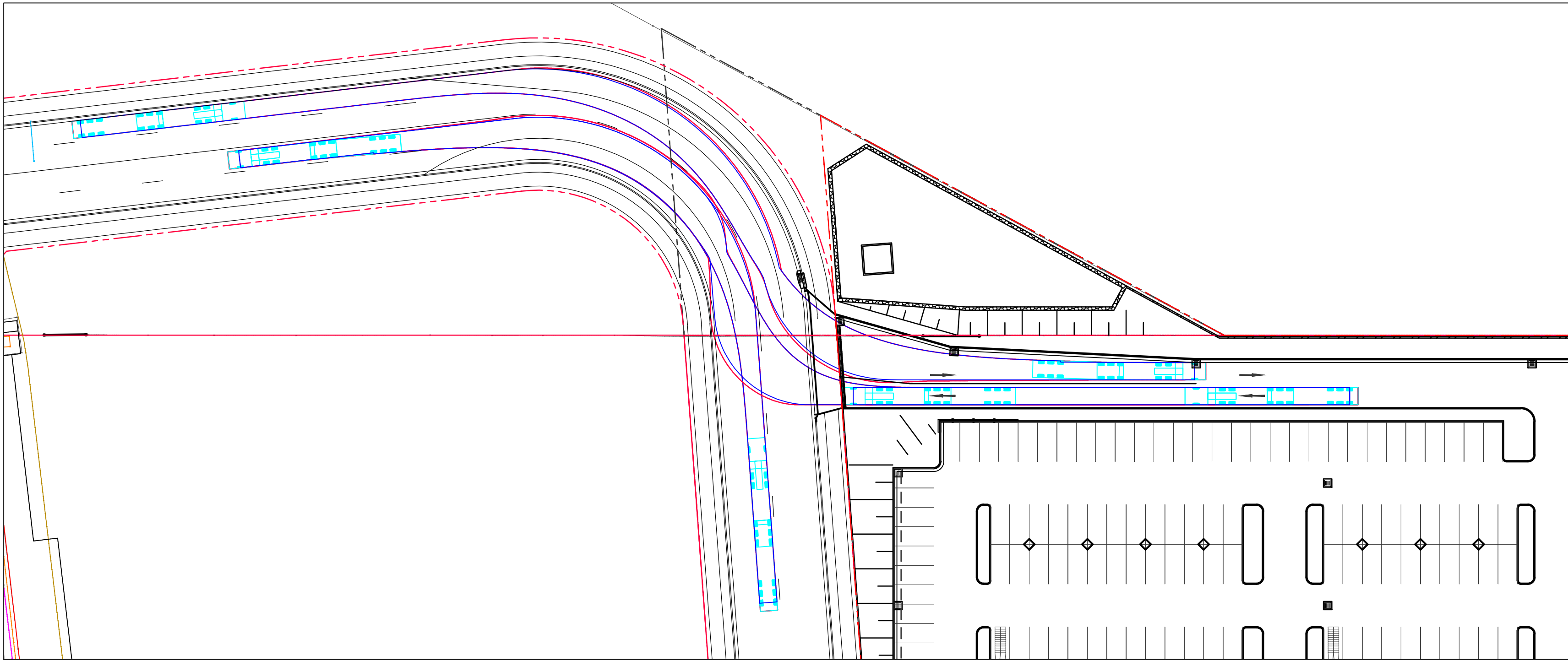
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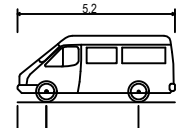
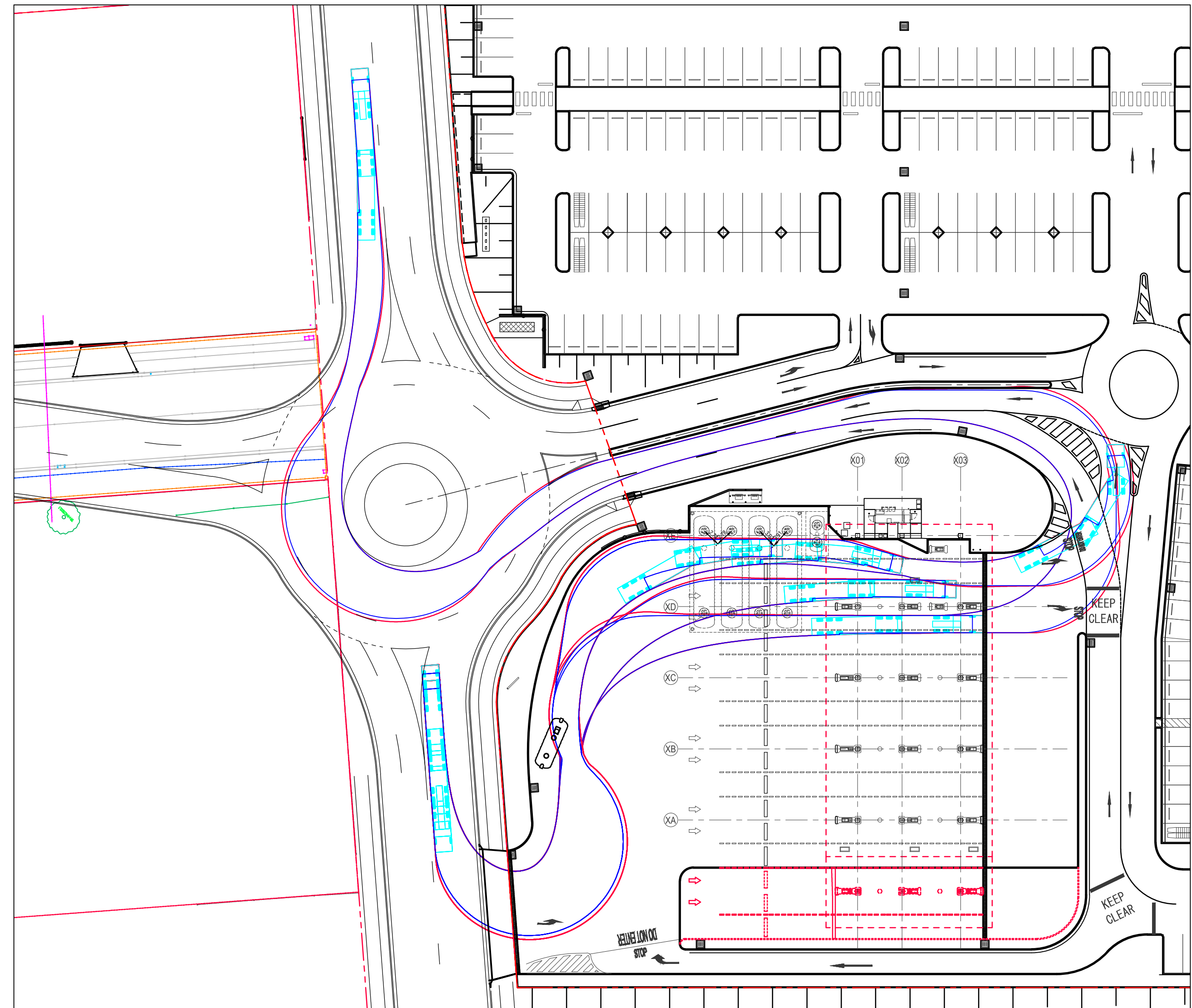
Drawing Title
CIVIL WORKS
LINEMARKING AND SIGNAGE PLAN

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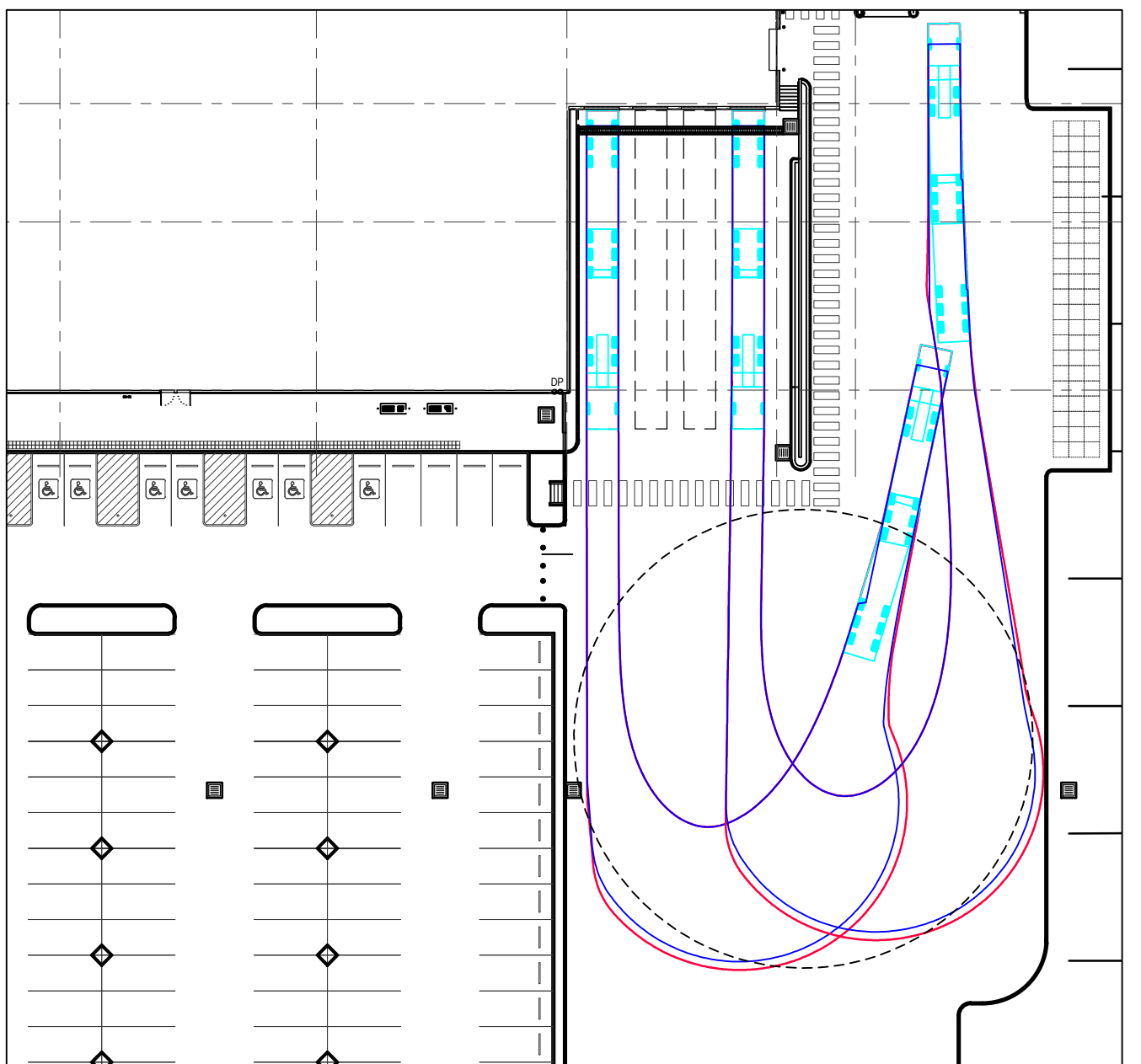
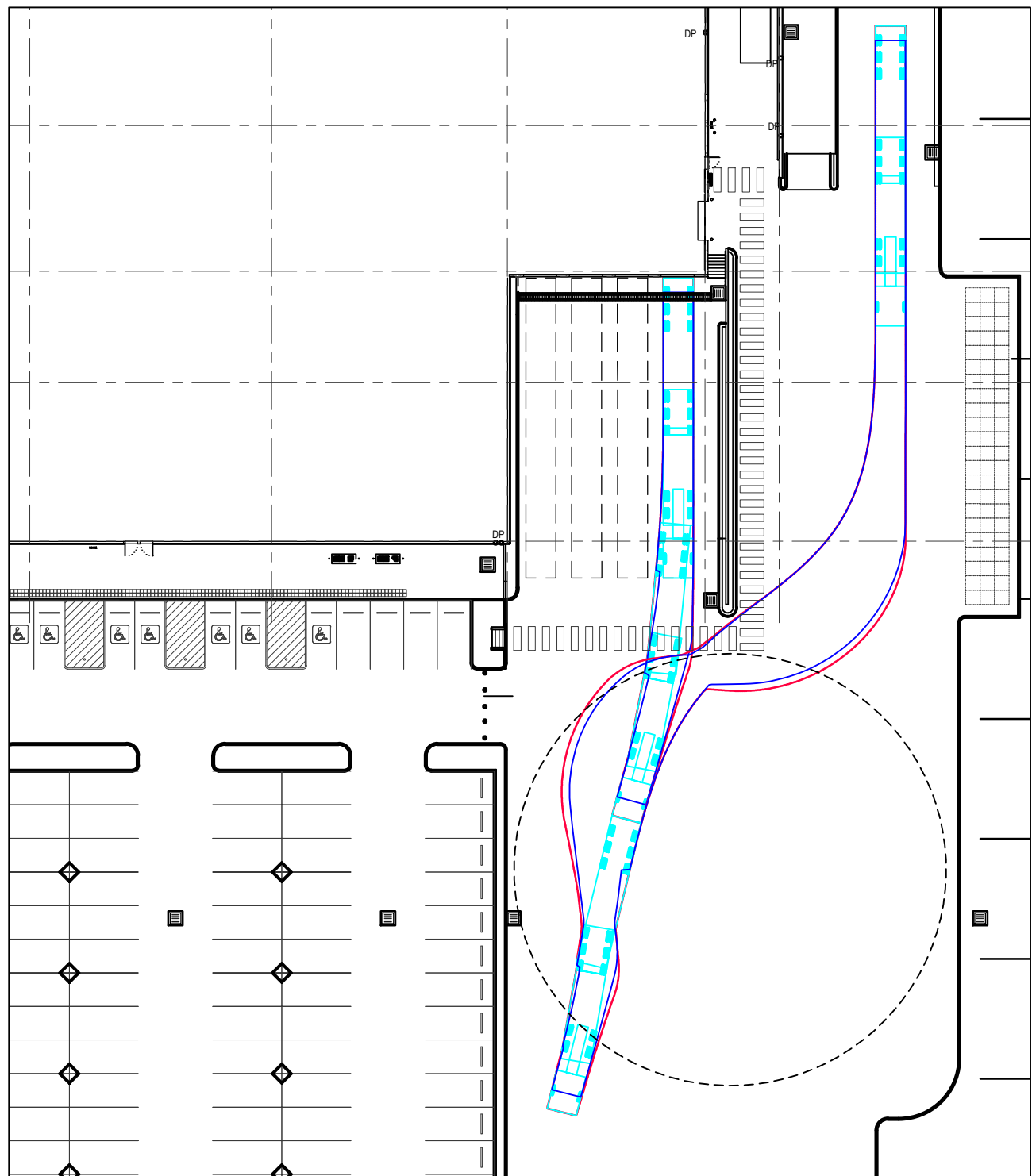
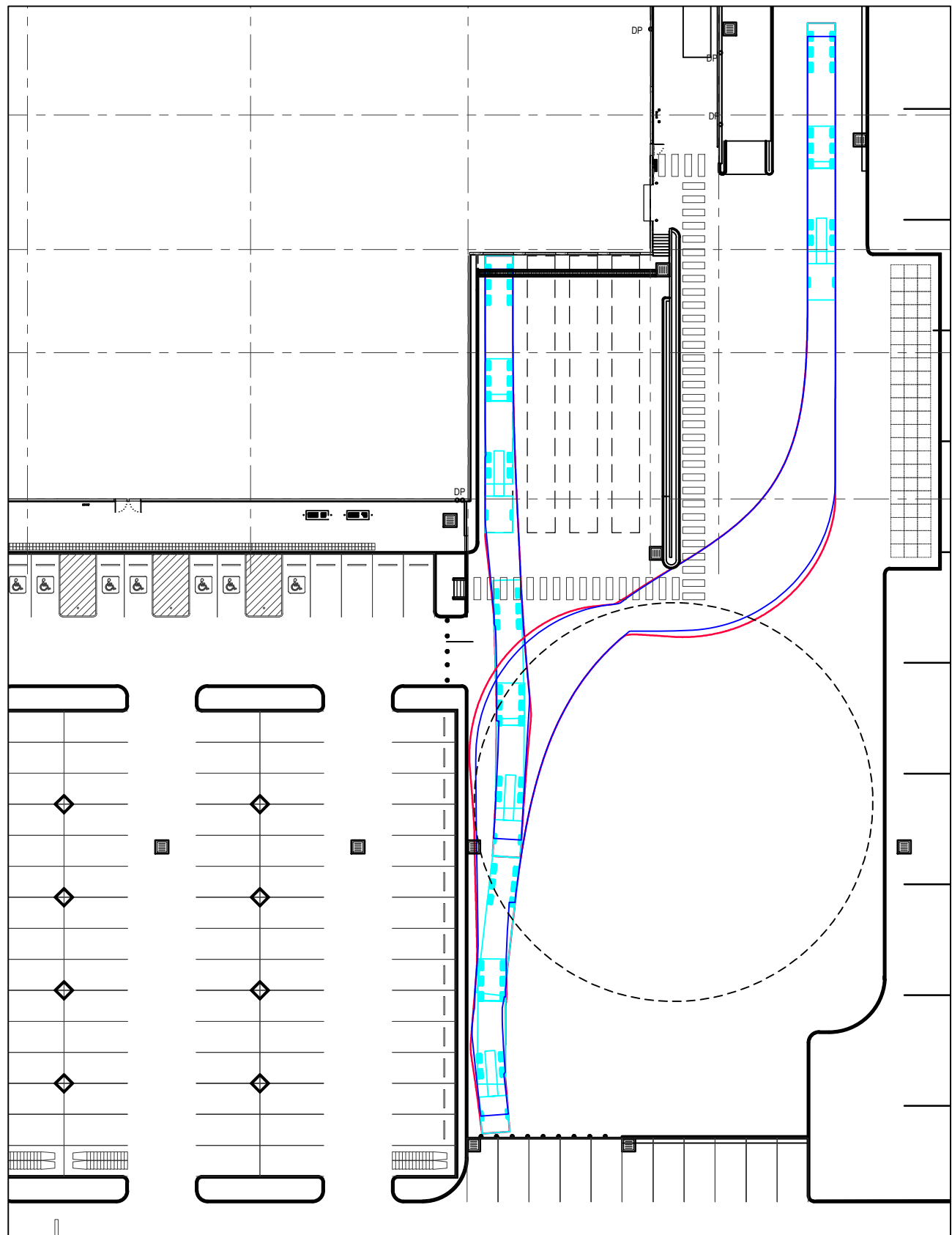
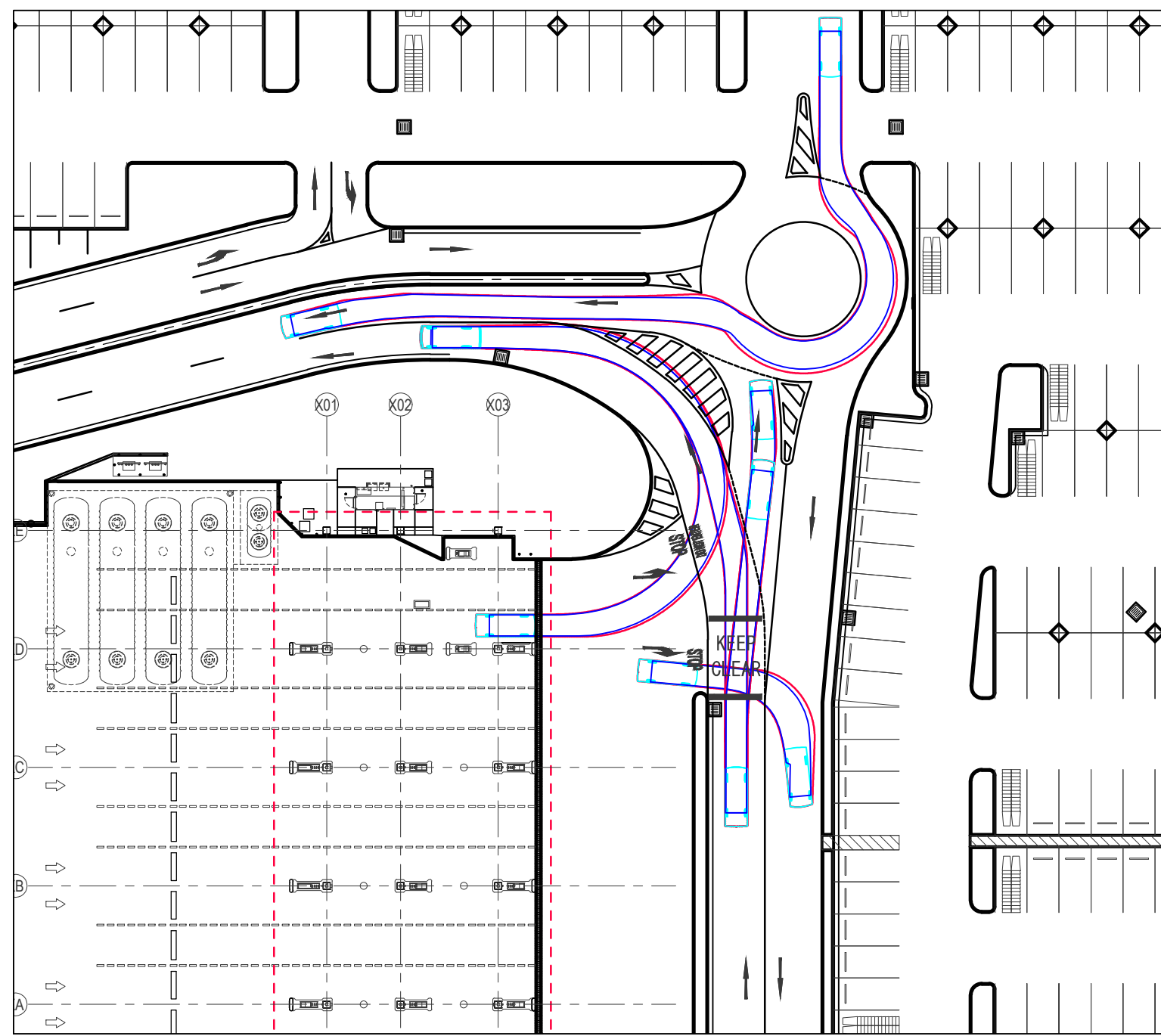
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B-Double (25.0m) (abs min radius)
Overall Length 25.00m
Overall Width 2.500m
Overall Body Height 3.739m
Min Body Ground Clearance 0.417m
Track Width 2.500m
Lock to Lock Time 6.00s
Curb to Curb Turning Radius 12.500m



Carvan vehicle (5.2 m)
Overall Length 5.200m
Overall Width 1.900m
Overall Body Height 2.200m
Min Body Ground Clearance 0.317m
Track Width 1.900m
Lock to Lock Time 4.00s
Curb to Curb Turning Radius 6.300m

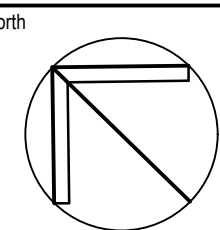


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P1	ISSUED FOR REVIEW	24.06.20	RAS	SRW
Issue	Description	Date	Drawn	Approved



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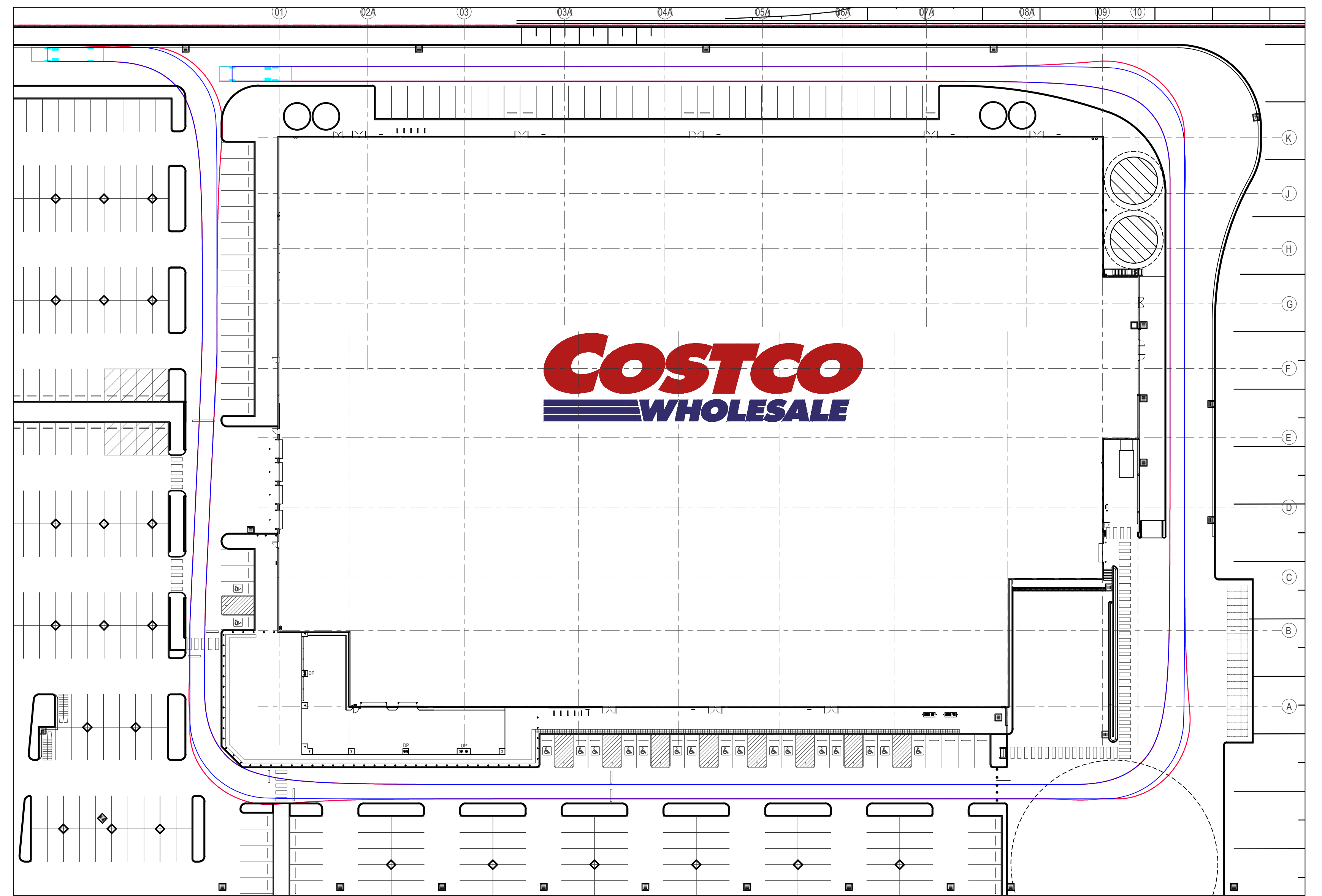
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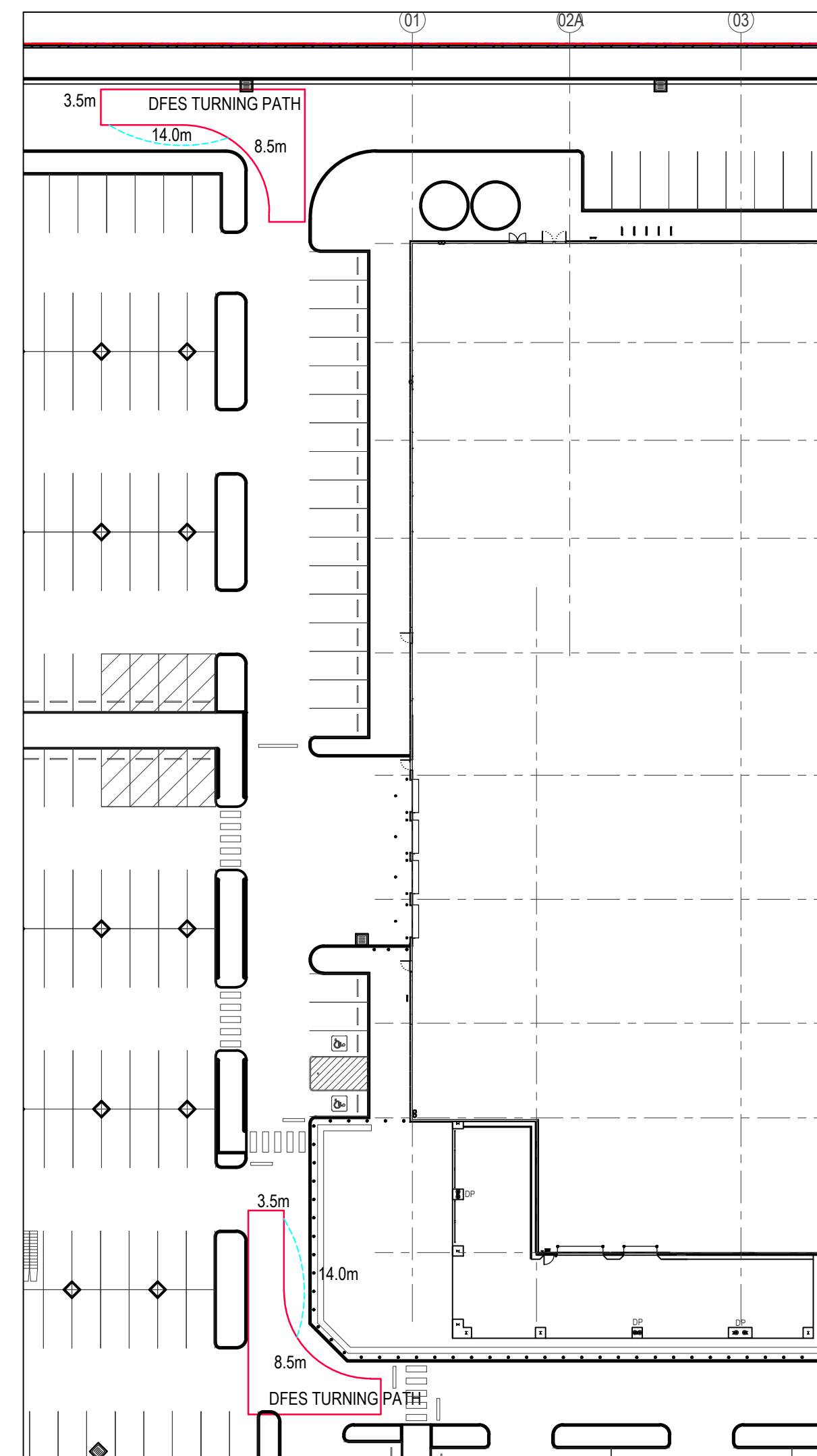
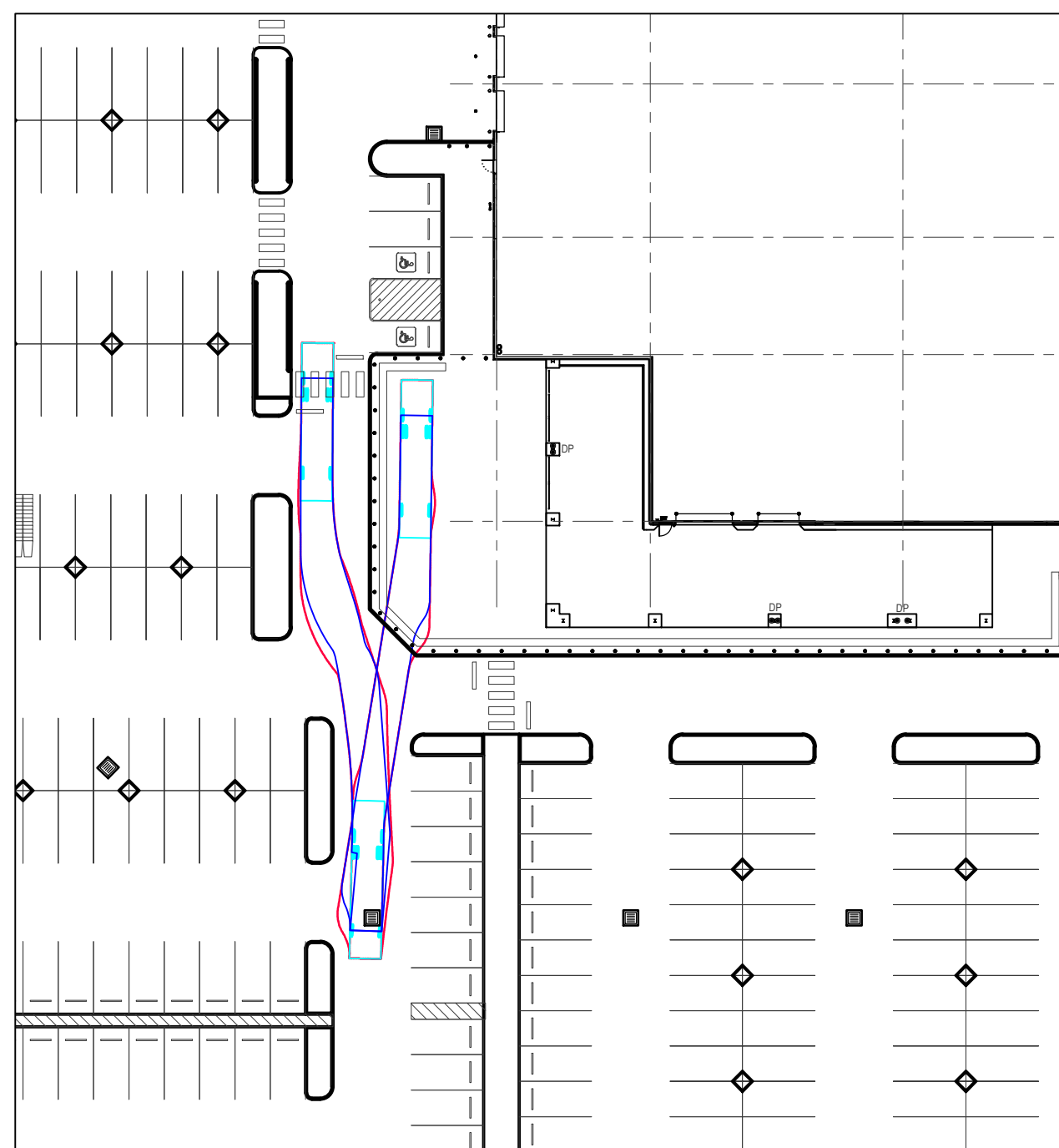
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Drawing Title CIVIL WORKS VEHICLE TURNING PATH PLAN		Scale AS SHOWN		B1 G.A. Check		Date	
Drawn RAS	Date FEB 2020	Scale AS SHOWN	B1 G.A. Check	Date			
Designed SRW	Project No. NW160127	Dwg. No. DAC5.01	Issue B				



Single Unit Truck (12.5 m)
Overall Length
Overall Width
Overall Height
Min Body Ground Clearance
Truck Width
Lock-to-lock time
Curb to Curb Turning Radius

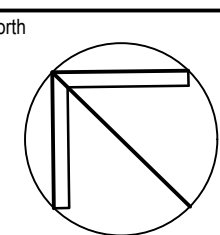
12.500m
2.500m
4.500m
0.400m
2.500m
6.00s
12.500m



SCALE 1:500

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Drawing Title CIVIL WORKS VEHICLE TURNING PATH PLAN FIRE TRUCK					
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Designed	Project No.	Dwg. No.		Issue	
SRW	NW160127	DAC5.02		B	

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Erosion and Sediment Control Notes

The following notes may not be relevant to each development.

- General**
1. ESCP refers to Erosion and Sediment Control Plan and SWMP refers to Soil and Water Management Plan.
 2. ESC refers to erosion and sediment control.
 3. Sediment, includes, but is not limited to, clay, silt, sand, gravel, silt, mud, cement, and ceramic waste.
 4. Any reference to the Blue Book refers to Managing Urban Stormwater - Soils and Construction, Landcom, 2004.
 5. Any reference to the IECA White Book (2008) refers to IECA 2008, Best Practice Erosion and Sediment Control, Books 1-6 International Erosion Control Association (Australia), Picton NSW.
 6. Any material deposited in any conservation area from works associated with the development shall be removed immediately by measures involving minimal ground and/or vegetation disturbance and no machinery, or following directions by Council and/or within a timeframe advised by Council.
- The ESCP**
7. The ESCP and its associated ESC measures shall be constantly monitored, reviewed, and modified as required to correct deficiencies. Council has the right to direct changes if, in its opinion, the measures that are proposed or have been installed are inadequate to prevent pollution.
 8. Prior to any activities onsite, the responsible person(s) is to be nominated. The responsible person(s) shall be responsible for the ESC measures onsite. The name, address and 24 hour contact details of the person(s) shall be provided to Council in writing, within five business days of any hours of any changes to the responsible person(s), or their contact details, in writing.
 9. At least 14 days before the natural surface is disturbed in any new stage, the contractor shall submit to the Certifier, a plan showing ESC measures for that Stage. The degree of design detail shall be based on the disturbed area.
 10. At any time, the ESC measures onsite shall be appropriate for the area of disturbance and its characteristics including soils (in accordance with those required for the site as per DCP).
 11. The implementation of the ESCP shall be supervised by personnel with appropriate qualifications and/or experience in ESC on construction sites.
 12. The approved ESCP shall be available on-site for inspection by Council officers while work activities are occurring.
 13. The approved ESCP shall be up to date and show a timeline of installation, maintenance and removal of ESC measures.
 14. All ESC measures shall be appropriate for the Sediment Type(s) of the soils onsite, in accordance with the Blue Book, IECA White Books or other current recognised industry standard for ESC for Australian conditions.
- Site exit points shall be appropriately managed to minimise the risk of

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DRAWING TITLE
Standard Drawings
Erosion and Sediment Control Notes

DRAWING No: EGS0-428 VERSION: 01

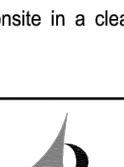
Erosion and Sediment Control Notes continued

Site Management including Dust

38. Priority shall be given to the prevention, or at least the minimisation, of soil erosion, rather than the trapping of displaced sediment. Such a clause 51 shall not reduce the responsibility to apply and maintain, at all times, all necessary ESC measures.
 39. Measures used to control wind erosion shall be appropriate for the location and prevent soil erosion and emissions from site at all times, including working hours, out of hours, weekends, public holidays, and during any other shutdown periods.
 40. The application of liquid or chemical-based dust suppression measures shall ensure that sediment-laden runoff resulting from such measures does not create a traffic or environmental hazard.
 41. All cut and fill earth batters less than 3m in elevation shall be topsoiled, and grass seeded/hydroseeded within 10 days of completion of grading in consultation with Council.
 42. All disturbed areas shall be stabilised in accordance with time lines in the Blue Book.
 43. All reasonable and practicable measures shall be taken to prevent, or at least minimise, the release of sediment from the site.
 44. Suitable all-weather maintenance access shall be provided to all sediment control devices.
 45. Sediment control devices, other than sediment basins, shall be de-silted and made fully operational as soon as reasonable and practicable after a sediment-producing event, whether natural or artificial, if the device's sediment retention capacity falls below 75% of its design retention capacity.
 46. All erosion and sediment control measures, including drainage control measures, shall be maintained in proper working order at all times during their operational lives.
 47. Washing/flushing of sealed roadways shall only occur where sweeping has failed to remove sufficient sediment and there is a compelling need to remove the remaining sediment (e.g. for safety reasons). In such circumstances, all reasonable and practicable sediment control measures shall be used to prevent, or at least minimise, the release of sediment into receiving waters. Only those measures that will not cause safety and property flooding issues shall be employed. Sediment removed from roadways shall be disposed of in a lawful manner that does not cause ongoing soil erosion or environmental harm.
 48. Sediment removed from sediment traps and places of sediment deposition shall be disposed of in a lawful manner that does not cause ongoing soil erosion or environmental harm.
- Sediment Basins - installation, maintenance and removal including sediment traps**
49. As-Constructed plans shall be prepared for all constructed Sediment Basins and associated emergency spillways. Such plans shall verify the basin's dimensions, levels and volumes comply with the approved design drawings. These plans may be requested by the Certifier or Council.
 50. Sediment basins shall be constructed and fully operational prior to any other soil disturbance in their catchment.
 51. Install an internal gated valve, or similar, in any outlet pipe once pipes installed, or install a sacrificial pipe from basin through wall to external outlet point. The valve shall be connected to a riser made from silted pipe in the basin. The valve may be opened once captured water meets water quality requirements. The final setup for temporary internal outlet structures to be confirmed prior to construction with Council. This setup will enable discharge of treated water from site without need for pumping.
 52. A sediment storage level marker post shall be with a cross member set just below the top of the sediment storage zone (as specified on the approved ESCP). At least a 75mm wide post shall be firmly set into the basin floor.
 53. The Site Manager shall obtain the relevant approvals from the relevant organisations to discharge treated water from any existing basins. Organisations may include, but not be limited to, Hunter Water, and Council.
 54. Where more than one stage is to be developed at one time, or before the preceding stage is complete, the sediment basins for these stages shall be installed in a manner that allows for the treatment of sediment from the site.
 55. Sufficient quantities of chemicals/agents to treat captured water shall be placed such that water entering the basin mixes with the chemicals/agents and is carried into the basin to speed up clarification.
 56. Any basin shall be dewatered within the 24hr rainfall depth used to calculate the capacity of the basin, after a rainfall event.
 57. Sufficient quantities of chemicals/agents to treat turbid water shall be securely stored on-site to provide for at least three complete treatments of all basins requiring chemical treatment onsite.
 58. Prior to the controlled discharge (e.g. de-watering activities) from site including excavations and/or sediment basins, the following water quality objectives shall be achieved:
 - a) Total Suspended Solids (TSS) at a maximum 50 milligrams/L;
 - b) water pH between 6.5 and 8.5, unless otherwise required by the Council;
 - c) Turbidity (measured in NTUs) to a maximum of 60 NTU; and
 - d) EC levels no greater than background levels.
 59. The Development Approval may require testing of additional water quality elements prior to discharge. E.g. including but not limited to metals, organic substances, chemicals or bacteriological indicators.
 60. A sample of the released treated water shall be kept onsite in a clear container with the sample date recorded on it.
 61. All sediment basins shall remain fully operational at all times until the basin's design catchment achieves 70% ground cover or surface stabilisation acceptable to Council.
 62. The ESC measures installed during the decommissioning and rehabilitation of a sediment basin shall comply with same standards specified for the normal construction works.
 63. A sediment basin shall not be decommissioned until all up-slope site stabilisation measures have been implemented and are appropriately working to control soil erosion and sediment runoff.

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DRAWING TITLE
Standard Drawings
Erosion and Sediment Control Notes

DRAWING No: EGS0-428 VERSION: 01

Erosion and Sediment Control Notes continued

64. Immediately prior to the construction of the permanent stormwater treatment device, appropriate flow by-pass conditions shall be established to prevent sediment-laden water entering the device.
 65. **Revegetation/Stabilisation**
 66. Temporary Stabilisation may be attained using vegetation, non reweatable soil polymers, or pneumatically applied erosion control.
 67. All cut and fill earth batters less than 3m in elevation shall be topsoiled, and grass seeded/hydroseeded within 10 days of completion of grading in consultation with Council.
 68. At the completion of formation in any section, all disturbed areas shall be stabilised in accordance with time lines in the Blue Book.
 69. The LMCC Seed mix shall be used unless stated on the ESCP/SWMP.
 70. The pH level of topsoil shall be appropriate to enable establishment and growth of specified vegetation prior to initiating the establishment of vegetation.
 71. Non reweatable binder shall be used in all hydromulch/hydroseed/polymer mixes on slopes or works adjacent to a water course.
 72. Soil amendments shall be added to the soil in accordance with an approved Landscape Plan, Vegetation Management Plan, and/or soil analysis.
 73. Surface soil density, compaction and surface roughness shall be adjusted prior to seeding/planting in accordance with an approved Landscape Plan, Vegetation Management Plan, and/or soil analysis.
 74. Procedures for initiating a site shutdown, whether programmed or un-programmed, shall incorporate revegetation of all soil disturbances unless otherwise approved by Council. The stabilisation works shall not rely upon the longevity of non-vegetated erosion control blankets, or temporary soil binders.
- Site Monitoring and Maintenance**
75. The Applicant shall ensure that appropriate procedures and suitably qualified personnel are engaged to plan and conduct site inspections and water quality monitoring throughout the construction and maintenance phase.
 76. All ESC measures shall be inspected and any maintenance undertaken immediately:
 - a) at least daily (when work is occurring on-site); and
 - b) at least weekly (when work is not occurring on-site); and
 - c) within 24hrs of expected rainfall; and
 - d) within 18hrs of a rainfall event that causes runoff on the site.
 77. Written records shall be kept onsite of ESC monitoring and maintenance activities conducted during the construction and maintenance periods, and be available to Council officers on request.
 78. All environmentally relevant incidents shall be recorded in a field log that shall remain accessible to all relevant regulatory authorities.

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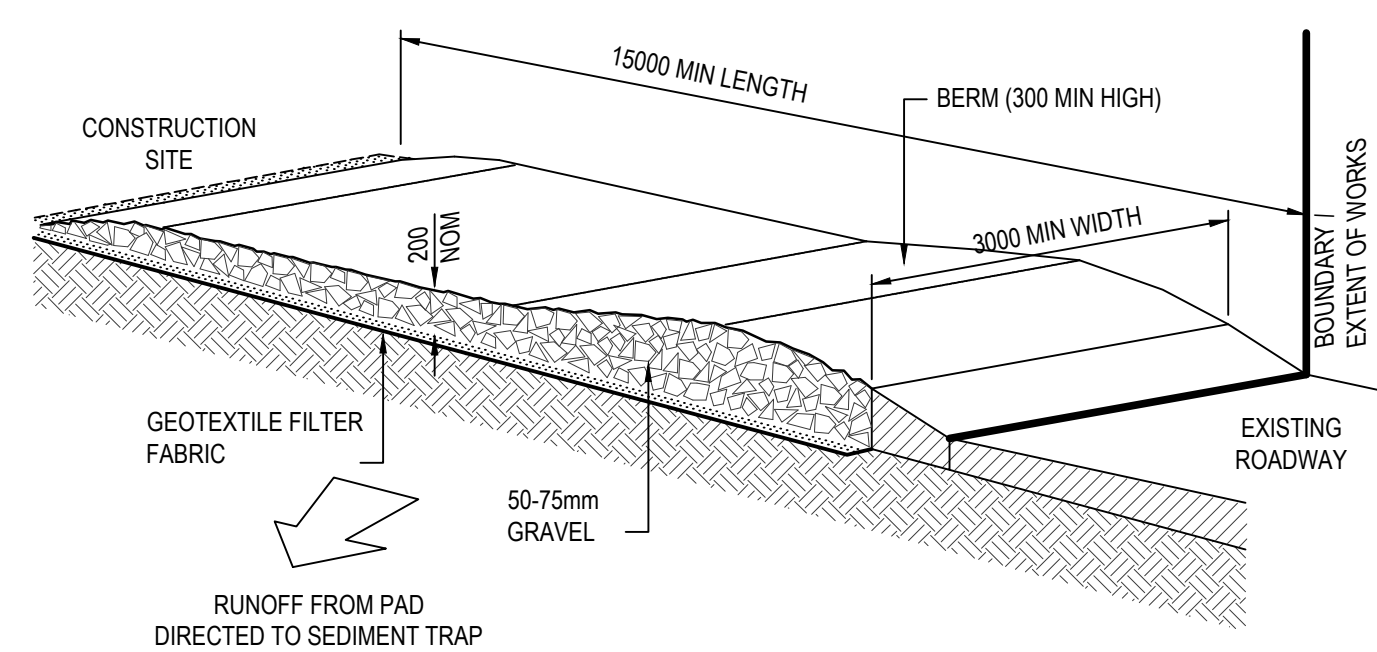
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LEGEND

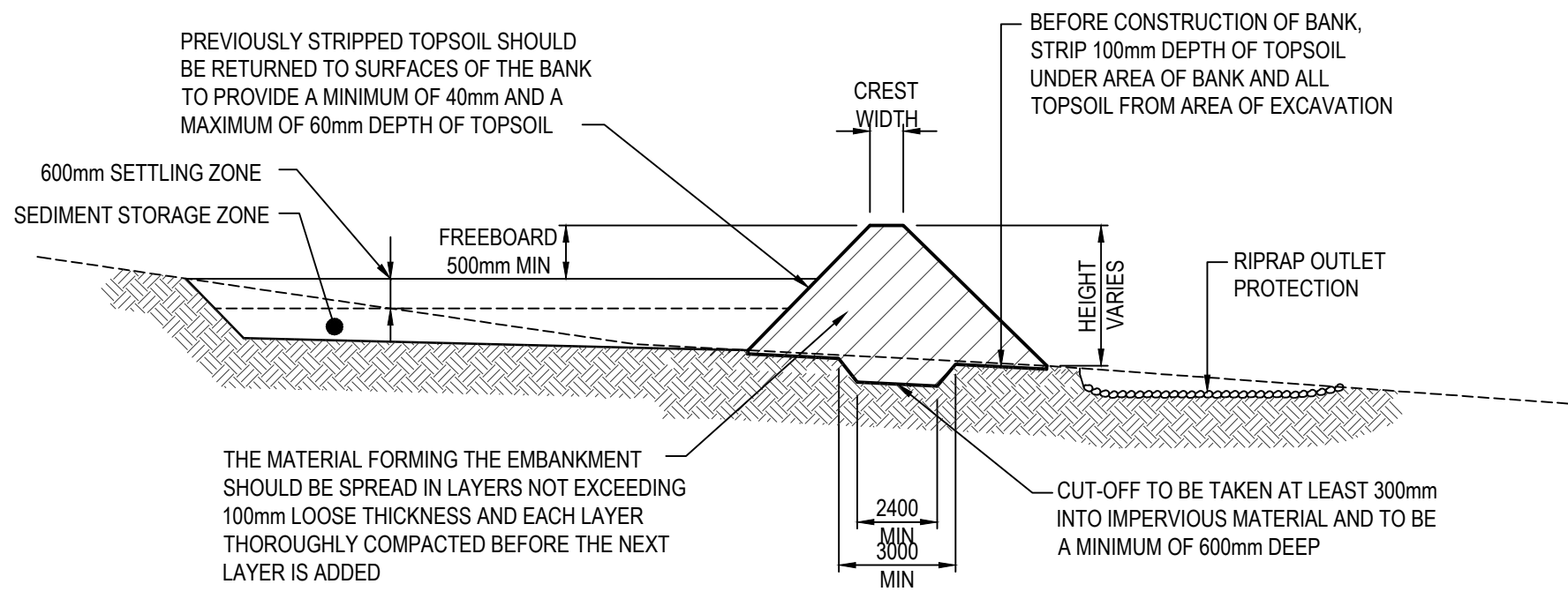
- GEOTEXTILE FILTER FABRIC DROP INLET SEDIMENT TRAP.
- SANDBAG SEDIMENT TRAP AT KERB ON GRADE PIT
- SANDBAG SEDIMENT TRAP AT KERB SAG PIT
- SEDIMENT CONTROL FENCE
- SITE ACCESS PAD



TEMPORARY SITE ENTRANCE

MAINTENANCE

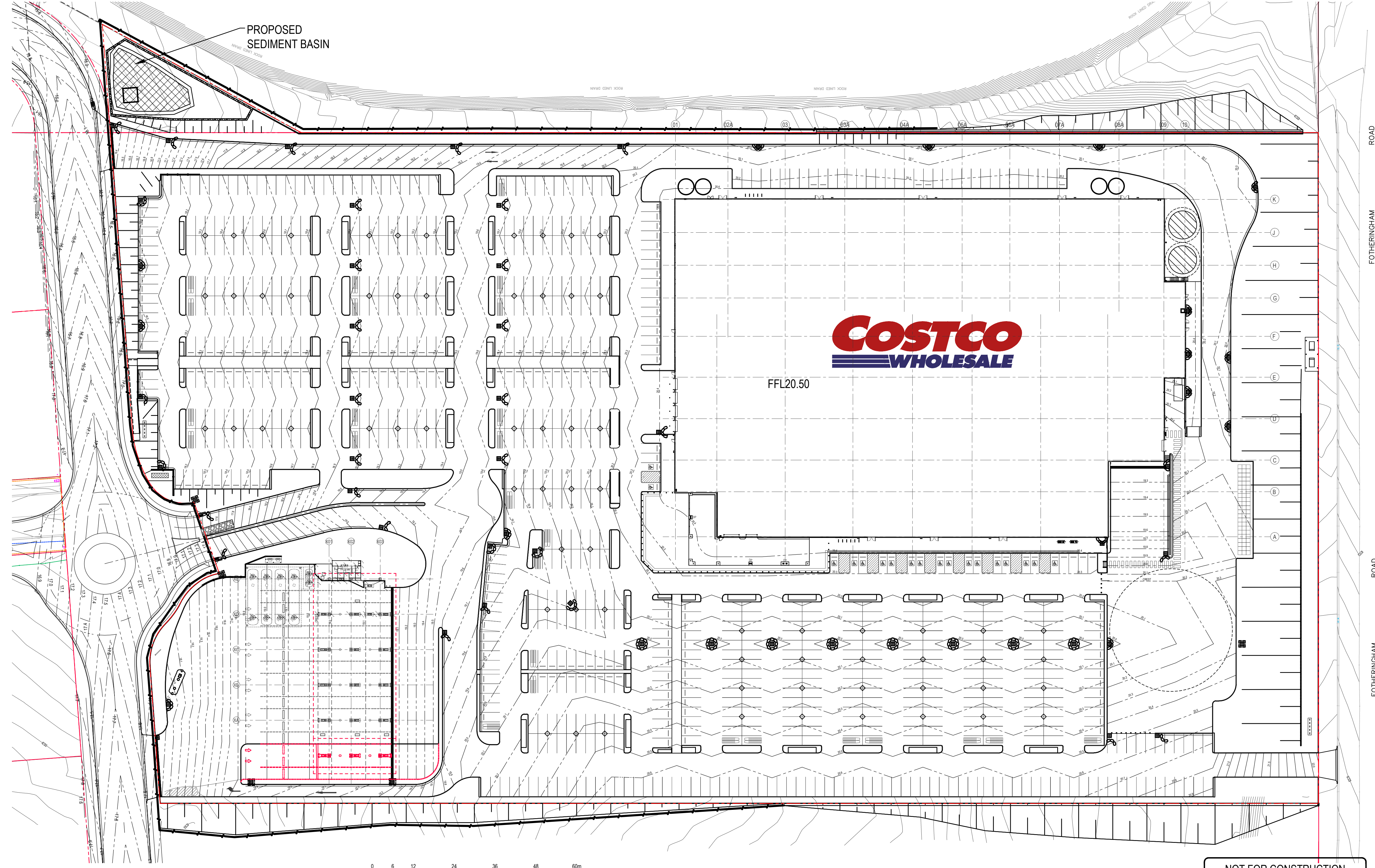
- THE TEMPORARY ACCESS SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING AND FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY.
- THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.



SEDIMENT BASIN (TYPICAL) CROSS SECTION

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PROPOSED SEDIMENT BASIN



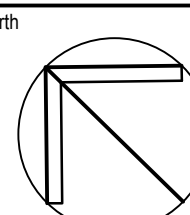
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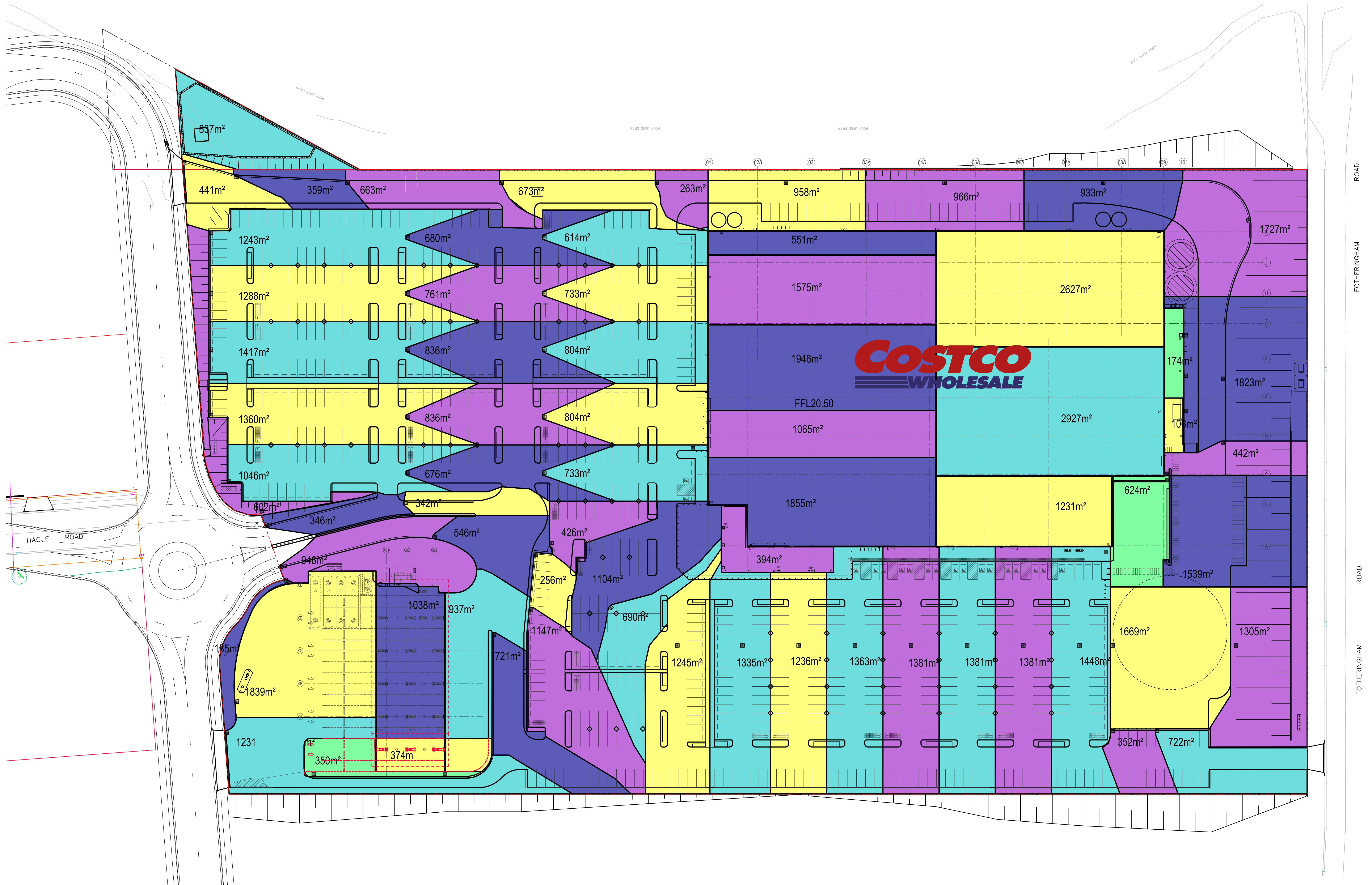
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LAKE MACQUARIE
2A MAIN ROAD, BOOLAROO, NSW

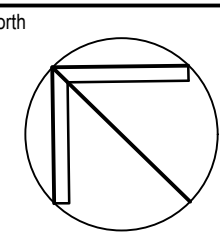
Drawn	Date	Scale	B1	G.A. Check	Date
RAS	JUNE 2017	AS SHOWN			
Designed	Project No.	Dwg. No.	Issue	Date	
SRW	NW160127	DAC6.01	B		



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B	ISSUED FOR DA	16.10.20	RAS	SRW
A	ISSUED FOR DA	17.07.20	RAS	SRW
P2	ISSUED FOR REVIEW	10.07.20	RAS	SRW
P1	ISSUED FOR REVIEW	24.06.20	RAS	SRW
Issue	Description	Date	Drawn	Approved
1	NEW P1 1st issue			



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Project
COSTCO
LAKE MACQUARIE
2A MAIN ROAD, BOOLAROO, NSW

Drawing Title
CIVIL WORKS
STORMWATER CATCHMENT PLAN

Drawn	Date	Scale	B1	G.A. Check	Date
RAS	FEB 2020	AS SHOWN			
Designed	Project No.	Dwg. No.	Issue		
SRW	NW160127	DAC7.01	B		

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