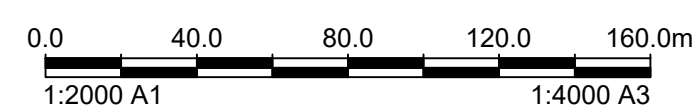


16 JOHNSTON CRESCENT, HORSLEY PARK, NSW 2175 AUSTRALIA
STATE SIGNIFICANT DEVELOPMENT APPLICATION (SSDA)

[illegible]

GENERAL

- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES TO BE REPORTED TO THE SUPERINTENDENT.
- STRIP ALL TOPSOIL FROM THE CONSTRUCTION AREA. ALL STRIPPED TOPSOIL SHALL BE DISPOSED OF OFF-SITE UNLESS DIRECTED OTHERWISE.
- MAKE SMOOTH CONNECTION WITH ALL EXISTING WORKS.
- COMPACT SUBGRADE UNDER BUILDINGS AND PAVEMENTS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.1.1. COMPACTION UNDER BUILDINGS TO EXTEND 2M MINIMUM BEYOND BUILDING FOOTPRINT.
- ALL WORK ON PUBLIC PROPERTY, PROPERTY WHICH IS TO BECOME PUBLIC PROPERTY, OR ANY WORK WHICH IS TO COME UNDER THE CONTROL OF THE STATUTORY AUTHORITY, THE CONTRACTOR IS TO ENSURE THAT THE DRAWINGS USED FOR CONSTRUCTION HAVE BEEN APPROVED BY ALL RELEVANT AUTHORITIES PRIOR TO COMMENCEMENT SITE.
- ALL WORK ON PUBLIC PROPERTY, PROPERTY WHICH IS TO BECOME PUBLIC PROPERTY, OR ANY WORK WHICH IS TO COME UNDER THE CONTROL OF THE STATUTORY AUTHORITY IS TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT AUTHORITY. THE CONTRACTOR SHALL OBTAIN THESE REQUIREMENTS FROM THE AUTHORITY. WHERE THE REQUIREMENTS OF THE AUTHORITY ARE DIFFERENT TO THE DRAWINGS AND SPECIFICATIONS, THE REQUIREMENTS OF THE AUTHORITY SHALL BE APPLICABLE.
- FOR ALL TEMPORARY BATTERS REFER TO GEOTECHNICAL RECOMMENDATIONS.
- DETAILS ARE SUBJECT TO CHANGE AT DETAILED DESIGN STAGE.

REFERENCE DRAWINGS

- THESE DRAWINGS HAVE BEEN BASED FROM, AND TO BE READ IN CONJUNCTION WITH THE FOLLOWING CONSULTANTS DRAWINGS. ANY CONFLICT TO THE DRAWINGS MUST BE NOTIFIED IMMEDIATELY TO THE ENGINEER.

CONSULTANT	DRAWING TITLE	DRAWING NUMBER	REVISION	DATE
LTS	PLAN OF DETAIL AND LEVELS OVER LOT 305 & PART LOT 306 IN DP1275011 KNOWN AS 6-16 JOHNSTON CRESCENT, HORSLEY PARK	52264-001 DT	1	28/04/2024
HDR	SITE WIDE SSDA PROPOSED SITE PLAN	S4-ARC-HDR-DRG -SW-0000-0070	CNC-2	17/04/2025

BOUNDARIES AND EASEMENTS

- THE PROPERTY BOUNDARY AND EASEMENT LOCATIONS SHOWN ON TAYLOR THOMSON WHITTING DRAWING'S HAVE BEEN BASED ON INFORMATION RECEIVED FROM : LTS
- TAYLOR THOMSON WHITTING MAKES NO GUARANTEES THAT THE BOUNDARY OR EASEMENT INFORMATION SHOWN IS CORRECT. TAYLOR THOMSON WHITTING WILL ACCEPT NO LIABILITIES FOR BOUNDARY INACCURACIES. THE CONTRACTOR/BUILDER IS ADVISED TO CHECK/CONFIRM ALL BOUNDARIES IN RELATION TO ALL PROPOSED WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. BOUNDARY INACCURACIES FOUND ARE TO BE REPORTED TO THE SUPERINTENDENT PRIOR TO CONSTRUCTION STARTING.

SURVEY

ORIGIN OF LEVELS: SSM 206913
DATUM OF LEVELS: AHD
COORDINATE SYSTEM: MGA2020
SURVEY PREPARED BY: LTS
SETOUT POINTS: REFER SURVEYOR

- TAYLOR THOMSON WHITTING DOES NOT GUARANTEE THAT THE SURVEY INFORMATION SHOWN ON THESE DRAWINGS IS ACCURATE AND WILL ACCEPT NO LIABILITY FOR ANY INACCURACIES IN THE SURVEY INFORMATION PROVIDED TO US FROM ANY CAUSE WHATSOEVER.

UNDERGROUND SERVICES - WARNING

- THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ON TAYLOR THOMSON WHITTINGS DRAWINGS HAVE BEEN PLOTTED FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES. THIS INFORMATION HAS BEEN PREPARED SOLELY FOR THE AUTHORITIES OWN USE AND MAY NOT NECESSARILY BE UPDATED OR ACCURATE.
- THE POSITION OF SERVICES AS RECORDED BY THE AUTHORITY AT THE TIME OF INSTALLATION MAY NOT REFLECT CHANGES IN THE PHYSICAL ENVIRONMENT SUBSEQUENT TO INSTALLATION. THE CONTRACTOR MUST CONFIRM THE EXACT LOCATION AND EXTENT OF SERVICES PRIOR TO CONSTRUCTION AND NOTIFY ANY CONFLICT WITH THE DRAWINGS IMMEDIATELY TO THE ENGINEER/SUPERINTENDENT.
- THE CONTRACTOR IS TO GET APPROVAL FROM THE RELEVANT STATE SURVEY DEPARTMENT, TO REMOVE/ADJUST ANY SURVEY MARK. THIS INCLUDES BUT IS NOT LIMITED TO; STATE SURVEY MARKS (SSM), PERMANENT MARKS (PM), CADASTRAL REFERENCE MARKS OR ANY OTHER SURVEY MARK WHICH IS TO BE REMOVED OR ADJUSTED IN ANY WAY.
- TAYLOR THOMSON WHITTING PLANS DO NOT INDICATE THE PRESENCE OF ANY SURVEY MARK. THE CONTRACTOR IS TO UNDERTAKE THEIR OWN SEARCH.

DESIGN AND CONSTRUCT DOCUMENTATION

- THE CONTRACTOR SHALL RETAIN THE RESPONSIBILITY TO UNDERTAKE DETAILED DESIGN, CONFIRM COMPLIANCE WITH RELEVANT STANDARDS, CONSENT CONDITIONS & THE SPECIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE FINAL DESIGN IS CO-ORDINATED FULLY WITH OTHER CONSULTANTS.
- NO VARIATION WILL BE ACCEPTED FOR DESIGN AMENDMENTS REQUIRED TO MEET THE FUNCTIONAL OBJECTIVE OF THIS DOCUMENTATION.

BEFORE YOU DIG AUSTRALIA (BYDA)

- PUBLIC SERVICE UTILITY INFORMATION SHOWN ON PLAN HAS BEEN COMPLIED FROM INFORMATION RECEIVED FROM DIAL BEFORE YOU DIG INQUIRY, REFERENCE NUMBER No.34022573 OBTAINED ON 17.04.2023 UNLESS SPECIFICALLY SHOWN OTHERWISE, THIS LOCATION AND DEPTH OF SERVICES SHOWN ON THIS PLAN HAVE NOT BEEN VERIFIED.
- THE LOCATION OF SERVICES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED AS ACCURATELY AS POSSIBLE FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES AND SHOULD BE CONFIRMED BY SITE INSPECTION."

SITE WORKS

- ALL BASECOURSE MATERIAL TO COMPLY WITH RMS SPECIFICATION NO 3051 AND COMPACTED TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1.
- ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
- ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH AN APPROVED SELECT MATERIAL AND COMPACTED TO A MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1

PUBLIC DOMAIN WORKS

- PUBLIC DOMAIN WORKS ARE NOT TO COMMENCE UNTIL THESE DRAWINGS ARE STAMPED AS APPROVED.

TENDER DOCUMENTATION

- THESE DRAWINGS ARE PRELIMINARY DRAWINGS ISSUED FOR TENDER AS AN INDICATION OF THE EXTENT OF WORKS ONLY. THEY ARE NOT A COMPLETE CONSTRUCTION SET OF DRAWINGS.
- TO DETERMINE THE FULL EXTENT OF WORK, THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND OTHER CONTRACT DOCUMENTS. ALLOW FOR ALL ITEMS SHOWN ON ARCHITECTURAL AND OTHER DRAWINGS AS NOT ALL ITEMS ARE SHOWN ON THE STRUCTURAL/CIVIL WORKS DRAWINGS.
- SHOULD ANY AMBIGUITY, ERROR, OMISSIONS, DISCREPANCY, INCONSISTENCY OR OTHER FAULT EXIST OR SEEM TO EXIST IN THE DOCUMENTS, IMMEDIATELY NOTIFY IN WRITING TO THE SUPERINTENDENT.
- RATES SHOWN ON THE DRAWINGS ARE FOR THE FINAL STRUCTURE/CIVIL WORKS IN PLACE AND DO NOT ALLOW FOR ANY WASTAGE, ROLLING MARGINS, OVER SUPPLY OR FABRICATION REQUIREMENTS. ETC.

DESIGN AND CONSTRUCT DOCUMENTATION

- THE LEVEL OF DETAIL / DESIGN REFLECTED IN THESE DOCUMENTS IS BASED ON THE UNDERSTANDING THIS WILL BE BUILT AS PART OF A DESIGN & CONSTRUCT CONTRACT.
- THE CONTRACTOR SHALL RETAIN THE RESPONSIBILITY TO UNDERTAKE DETAILED DESIGN, CONFIRM COMPLIANCE WITH RELEVANT STANDARDS, CONSENT CONDITIONS & THE SPECIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE FINAL DESIGN IS CO-ORDINATED FULLY WITH OTHER CONSULTANTS.
- NO VARIATION WILL BE ACCEPTED FOR DESIGN AMENDMENTS REQUIRED TO MEET THE FUNCTIONAL OBJECTIVE OF THIS DOCUMENTATION.

SAFETY IN DESIGN

CONTRACTOR TO REFER TO APPENDIX B OF THE CIVIL SPECIFICATION FOR THE CIVIL RISK AND SOLUTIONS REGISTER.

- EXISTING SERVICES
CONTRACTOR TO BE AWARE EXISTING SERVICES ARE LOCATED WITHIN THE SITE. LOCATION OF ALL SERVICES TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING WORKS. CONTRACTOR TO CONFIRM WITH RELEVANT AUTHORITY REGARDING MEASURES TO BE TAKEN TO ENSURE SERVICES ARE PROTECTED OR PROCEDURES ARE IN PLACE TO DEMOLISH AND/OR RELOCATE.
- EXISTING STRUCTURES
CONTRACTOR TO BE AWARE EXISTING STRUCTURES MAY EXIST WITHIN THE SITE. TO PREVENT DAMAGE TO EXISTING STRUCTURE(S) AND/OR PERSONNEL, SITE WORKS TO BE CARRIED OUT AS FAR AS PRACTICABLY POSSIBLE FROM EXISTING STRUCTURE(S).
- EXISTING TREES
CONTRACTOR TO BE AWARE EXISTING TREES EXIST WITHIN THE SITE WHICH NEED TO BE PROTECTED. TO PREVENT DAMAGE TO TREES AND/OR PERSONNEL, SITE WORKS TO BE CARRIED OUT AS FAR AS PRACTICABLY POSSIBLE FROM EXISTING TREES. ADVICE NEEDS TO BE SOUGHT FROM ARBORIST AND/OR LANDSCAPE ARCHITECT ON MEASURES REQUIRED TO PROTECT TREES.
- GROUNDWATER
CONTRACTOR TO BE AWARE GROUND WATER LEVELS ARE CLOSE TO EXISTING SURFACE LEVEL. TEMPORARY DE-WATERING MAY BE REQUIRED DURING CONSTRUCTION WORKS.
- EXCAVATIONS
DEEP EXCAVATIONS DUE TO STORMWATER DRAINAGE WORKS IS REQUIRED. CONTRACTOR TO ENSURE SAFE WORKING PROCEDURES ARE IN PLACE FOR WORKS. ALL EXCAVATIONS TO BE FENCED OFF AND BATTERS ADEQUATELY SUPPORTED TO APPROVAL OF GEOTECHNICAL ENGINEER.
- GROUND CONDITIONS
CONTRACTOR TO BE AWARE OF THE SITE GEOTECHNICAL CONDITIONS. REFER TO GEOTECHNICAL REPORT BY
 - JKGEOTECHNICS.
 - GEOTECHNICAL INVESTIGATION 10/09/2024.
- HAZARDOUS MATERIALS
EXISTING ASBESTOS PRODUCTS & CONTAMINATED MATERIAL MAY BE PRESENT ON SITE. CONTRACTOR TO ENSURE ALL HAZARDOUS MATERIALS ARE IDENTIFIED PRIOR TO COMMENCING WORKS. SAFE WORKING PRACTICES AS PER RELEVANT AUTHORITY TO BE ADOPTED AND APPROPRIATE PPE TO BE USED WHEN HANDLING ALL HAZARDOUS MATERIALS. REFER TO GEOTECHNICAL/ENVIRONMENTAL REPORT BY
 - JKGEOTECHNICS.
 - GEOTECHNICAL INVESTIGATION 10/09/2024.

- CONFINED SPACES
CONTRACTOR TO BE AWARE OF POTENTIAL HAZARDS DUE TO WORKING IN CONFINED SPACES SUCH AS STORMWATER PITS, TRENCHES AND/OR TANKS. CONTRACTOR TO PROVIDE SAFE WORKING METHODS AND USE APPROPRIATE PPE WHEN ENTERING CONFINED SPACES.
- MANUAL HANDLING
CONTRACTOR TO BE AWARE MANUAL HANDLING MAY BE REQUIRED DURING CONSTRUCTION. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ENSURE MANUAL HANDLING PROCEDURES AND ASSESSMENTS ARE IN PLACE PRIOR TO COMMENCING WORKS.
- WATER POLLUTION
CONTRACTOR TO ENSURE APPROPRIATE MEASURES ARE TAKEN TO PREVENT POLLUTANTS FROM CONSTRUCTION WORKS CONTAMINATING THE SURROUNDING ENVIRONMENT.
- SITE ACCESS/EGRESS
CONTRACTOR TO BE AWARE SITE WORKS OCCUR IN CLOSE PROXIMITY TO FOOTPATHS AND ROADWAYS. CONTRACTOR TO ERECT APPROPRIATE BARRIERS AND SIGNAGE TO PROTECT SITE PERSONNEL AND PUBLIC.
- VEHICLE MOVEMENT
CONTRACTOR TO SUPPLY AND COMPLY WITH TRAFFIC MANAGEMENT PLAN AND PROVIDE ADEQUATE SITE TRAFFIC CONTROL INCLUDING A CERTIFIED TRAFFIC MARSHALL TO SUPERVISE VEHICLE MOVEMENTS WHERE NECESSARY.

CLASSIFICATION OF EXISTING UTILITY INFORMATION

- | | | |
|---|---|---|
| A | - | SIGHTED, MUST BE LOCATED, THEN POTHOLED. UTILITY MUST BE PHYSICALLY SIGHTED AND MEASURED. |
| B | - | ELECTRONICALLY DETECTED AND LOCATED ON SITE USING VARIOUS TRACING METHODS. |
| C | - | ALIGNED FROM SURFACE FEATURES AND DIGITISED DATA. |
| D | - | DIGITISED DATA (DIAL BEFORE YOU DIG). |
| U | - | UNCLASSIFIED. |

NOTES:

- BELOW GROUND SERVICES CAN BE REPRESENTED AS GREY FOR EXISTING AND BLACK FOR PROPOSED DEPENDING ON THE PLAN.
- EXISTING SERVICES PITS, STRUCTURES AND COLUMNS ARE ILLUSTRATED AS PER THE ORIGINAL SURVEY.

BOUNDARIES

- | | |
|--|----------------------------|
| | EXISTING LOT BOUNDARY |
| | SITE BOUNDARY |
| | EXISTING EASEMENT BOUNDARY |

BUILDINGS

- | | |
|--|----------------------------|
| | PROPOSED BUILDING ENVELOPE |
|--|----------------------------|

STORMWATER LEGEND

- | | |
|--|---|
| | PROPOSED SWALE DRAIN |
| | PROPOSED STORMWATER CULVERT & DIRECTION |
| | OVERLAND FLOW DIRECTION |
| | PROPOSED STORMWATER PIT & LABEL |
| | PROPOSED STORMWATER KERB INLET PIT (ON-GRADE) |
| | PROPOSED STORMWATER KERB INLET PIT (SAG) |
| | PROPOSED STORMWATER ON-SITE DETENTION |

KERB TYPES

- | PLAN | PROFILE | DESCRIPTION |
|------|---------|--|
| | | KERB ONLY |
| | | KERB AND GUTTER |
| | | DISH DRAIN |
| | | VEHICLE CROSSING LAYBACK
(TO FAIRFIELD COUNCIL STD. DRW.) |

LANDSCAPE

- | EXISTING | REMOVED | PROPOSED | |
|----------|---------|----------|---|
| | | | TREES
TREE REPRESENTATION MAY VARY BASED ON LANDSCAPE CONSULTANT OR SURVEY INFORMATION |
| | | | PAVEMENT |
| | | | SOFT LANDSCAPE |

ALIGNMENT

CONTROL LINE

-

SURFACE

EXISTING

- 696.000

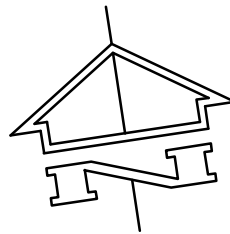
PROPOSED

- 696.000

- CONTOUR
- RETAINING WALL

EXISTING UTILITIES

- | | | | | | |
|--|-------|-------------------------------------|--|-----|-----------------------------|
| | dG | EXISTING GAS | | dS | EXISTING SEWER |
| | dW | EXISTING WATER | | uSW | EXISTING STORMWATER |
| | bHV | EXISTING HV ELECTRICAL BELOW GROUND | | uSW | EXISTING STORMWATER REMOVED |
| | bHV | EXISTING HV ELECTRICAL ABOVE GROUND | | | |
| | bCOMM | EXISTING COMMUNICATION | | | |



301
DP 1244594

A
6000

B
6001

C
6001

D
6002

3
DP 1237058

E
6002

BURLEY ROAD

JOHNSTON CRES

BUILDING A
FFL 84.0

BUILDING B
FFL 84.0

BUILDING C
FFL 84.0

BUILDING D
FFL 84.0

305
DP 1275011

PUMP HOUSE
FFL 84.2

HVSB
BUILDING
FFL 84.3

SUBSTATION YARD

SOC BUILDING
FFL 83.8

HYD FIRE PUMP
FFL 84.0
HOUSE BUILDING

PT 306
DP 1275011

70
DP 883089

71
DP 883089

6
DP 225031

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1:1000 A1 1:2000 A3

30.04.2025	CNC-3	SSDA SUBMISSION	ES	CG	CG
31.03.2025	CNC-2	SSDA SUBMISSION	ES	CG	CG
25.03.2024	CNC-1	INITIAL RELEASE	JH	CG	CG
DATE	No.	REVISION HISTORY	DRW	CHK	QA

NOTE:

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- CHECK ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES
- ENSURE COORDINATION WITH OTHER TRADES ON SITE
- ASL = ABOVE SLAB LEVEL

Principal Consultants

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HC

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NOMINATED ENGINEERS
NSW GRACE CARPP, CHRIS GENTILE

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Document Author Project Number
211085

Key Plan

Site: S4	Stage: 01	Phase: 01
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NEXTDC Project Number:
S4.0002

Project Address
16 JOHNSTON CRESCENT,
HORSLEY PARK, NSW 2175

Project Name
NEXTDC S4

Drawing Title
GENERAL
ARRANGEMENT PLAN

Drawing Status
SSDA SUBMISSION
NOT FOR CONSTRUCTION

Drawn JH	Date 30.04.2025
Checked CG	Date 30.04.2025

Scale 1:1000	Sheet A1	File Name S4-CIV-TTW-DRG-SW-0000-0010
Drawing Number S4-CIV-TTW-DRG-SW-0000-0010	Rev	

CNC-3

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JOHNSTON CRES

SITE BOUNDARY

SITE BOUNDARY

BURLEY ROAD

SITE BOUNDARY

BUILDING A
FFL 84.0

FUTURE WORKS AREA
INDICATIVE TEMPORARY
LAYOUT SHOWN SUBJECT TO
CONFIRMATION WITH FUTURE
CONTRACTOR.

BUILDING B
FFL 84.0

BUILDING C
FFL 84.0

305
DP 1275011

BUILDING D
FFL 84.0

PUMP HOUSE
FFL 84.2

STAGE 1

SUBSTATION YARD

HVSB
BUILDING
FFL 84.3

SOC BUILDING
FFL 83.8

HYD / FIRE PUMP
HOUSE BUILDING
FFL 84.0

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1:500 A1 1:1000 A3

PT 306
DP 1275011

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Architect

Services

Structural

Principal Contractor

Client

Contractor / Consultant / Document Author

Document Author Project Number

Key Plan

Site:

Stage:

Phase:

NEXTDC Project Number:

Project Address

Project Name

Drawing Title

Drawing Status

Drawn

Checked

Scale

Sheet

File Name

Drawing Number

Rev

SSDA SUBMISSION

NOT FOR CONSTRUCTION

30.04.2025

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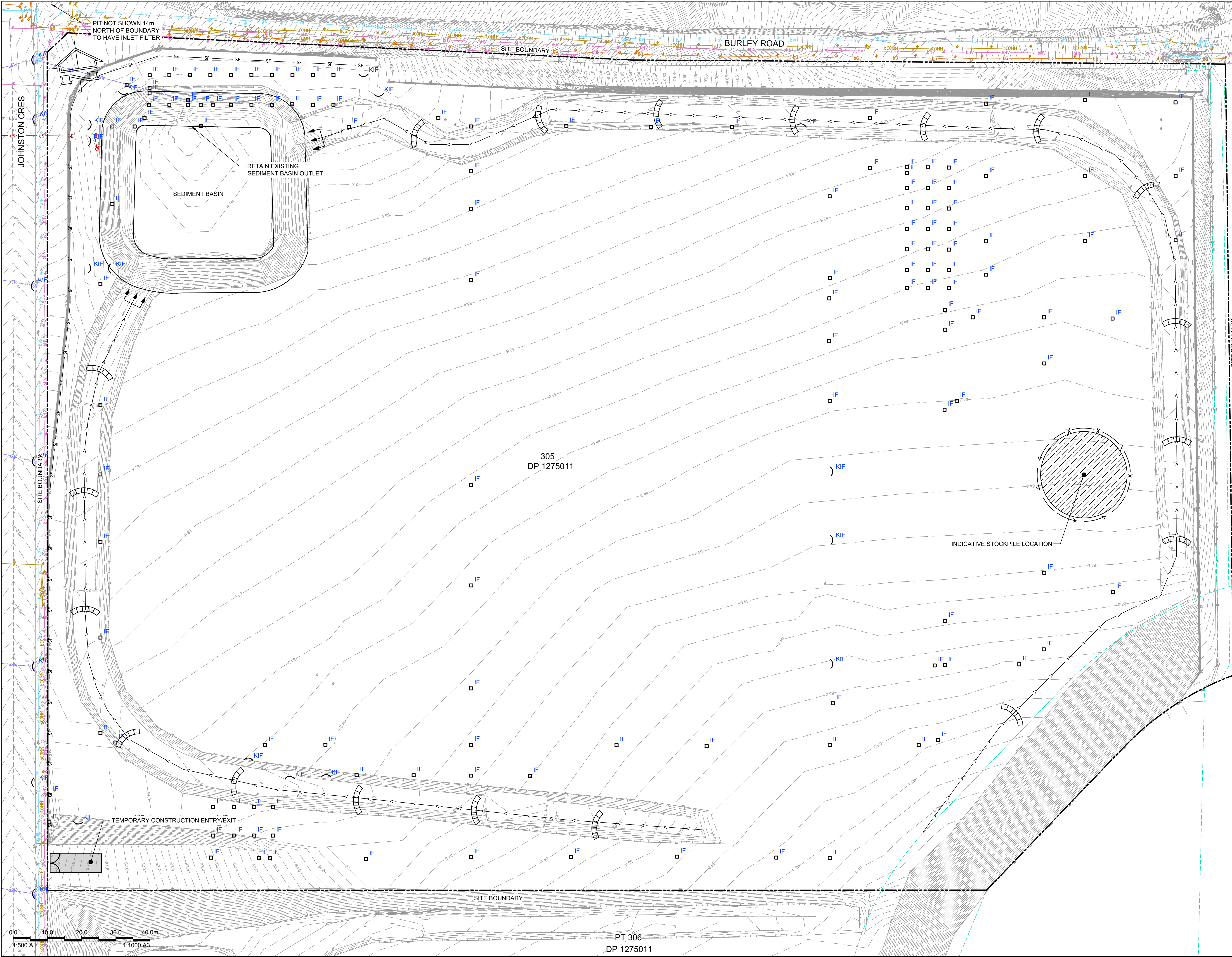
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30.04.2025



30.04.2025	CNC-3	SSDA SUBMISSION	ES	CG	CG
31.03.2025	CNC-2	SSDA SUBMISSION	ES	CG	CG
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Document Author Project Number
211085

Key Plan

Site: **S4** Stage: **01** Phase: **01**

NEXTDC Project Number:
S4.0002

Project Address
**16 JOHNSTON CRESCENT,
HORSLEY PARK, NSW 2175**

Project Name
NEXTDC S4

Drawing Title
**GENERAL
SEDIMENT AND
EROSION CONTROL PLAN**

Drawing Status
**SSDA SUBMISSION
NOT FOR CONSTRUCTION**

Drawn
JH

Checked
CG

Scale
1:500

Sheet
A1

File Name
S4-CIV-TTW-DRG-SW-0000-0100

Drawing Number
S4-CIV-TTW-DRG-SW-0000-0100

Rev
CNC-3

1. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH:-
 - LOCAL AUTHORITY REQUIREMENTS,
 - EPA POLLUTION CONTROL MANUAL FOR URBAN STORMWATER,
 - LANDCOM NSW - MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION ("BLUE BOOK").
2. EROSION AND SEDIMENT CONTROL DRAWINGS AND NOTES ARE PROVIDED FOR THE WHOLE OF THE WORKS. SHOULD THE CONTRACTOR STAGE THESE WORKS THEN THE DESIGN MAY BE REQUIRED TO BE MODIFIED. VARIATION TO THESE DETAILS MAY REQUIRE APPROVAL BY THE RELEVANT AUTHORITIES. THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE IMPLEMENTED AND ADAPTED TO MEET THE VARYING SITUATIONS AS WORK ON SITE PROGRESSES.
3. THE EROSION & SEDIMENT CONTROL PLAN IS PREPARED FOR INFORMATION & PLANNING APPROVALS ONLY. THE CONTRACTOR SHALL PREPARE THE CONSTRUCTION EROSION & SEDIMENT CONTROL PLAN BASED ON THEIR WORKS STAGING & PROPOSED SITE FACILITIES.
4. MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
5. WHEN STORMWATER PITS ARE CONSTRUCTED PREVENT SITE RUNOFF ENTERING THE PITS UNLESS SILT FENCES ARE ERECTED AROUND PITS.
6. MINIMISE THE AREA OF SITE BEING DISTURBED AT ANY ONE TIME.
7. PROTECT ALL STOCKPILES OF MATERIALS FROM SCOUR AND EROSION. DO NOT STOCKPILE LOOSE MATERIAL IN ROADWAYS, NEAR DRAINAGE PITS OR IN WATERCOURSES.
8. ALL SOIL AND WATER CONTROL MEASURES ARE TO BE PUT BACK IN PLACE AT THE END OF EACH WORKING DAY, AND MODIFIED TO BEST SUIT SITE CONDITIONS.
9. CONTROL WATER FROM UPSTREAM OF THE SITE SUCH THAT IT DOES NOT ENTER THE DISTURBED SITE.
10. ALL CONSTRUCTION VEHICLES SHALL ENTER AND EXIT THE SITE VIA THE TEMPORARY CONSTRUCTION ENTRY/EXIT.
11. ALL VEHICLES LEAVING THE SITE SHALL BE CLEANED AND INSPECTED BEFORE LEAVING.
12. MAINTAIN ALL STORMWATER PIPES AND PITS CLEAR OF DEBRIS AND SEDIMENT. INSPECT STORMWATER SYSTEM AND CLEAN OUT AFTER EACH STORM EVENT.
13. CLEAN OUT ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH STORM EVENT.

1. PRIOR TO COMMENCEMENT OF EXCAVATION THE FOLLOWING SOIL MANAGEMENT DEVICES MUST BE INSTALLED.
 - 1.1. CONSTRUCT SILT FENCES BELOW THE SITE AND ACROSS ALL POTENTIAL RUNOFF SITES.
 - 1.2. CONSTRUCT TEMPORARY CONSTRUCTION ENTRY/EXIT AND DIVERT RUNOFF TO SUITABLE CONTROL SYSTEMS.
 - 1.3. CONSTRUCT MEASURES TO DIVERT UPSTREAM FLOWS INTO EXISTING STORMWATER SYSTEM.
 - 1.4. CONSTRUCT SEDIMENTATION TRAPS/BASIN INCLUDING OUTLET CONTROL AND OVERFLOW.
 - 1.5. CONSTRUCT TURF LINED WALES.
 - 1.6. PROVIDE SANDBAG SEDIMENT TRAPS UPSTREAM OF EXISTING PITS.
2. CONSTRUCT GEOTEXTILE FILTER PIT SURROUND AROUND ALL PROPOSED PITS AS THEY ARE CONSTRUCTED.
3. ON COMPLETION OF PAVEMENT PROVIDE SAND BAG KERB INLET SEDIMENT TRAPS AROUND PITS.
4. PROVIDE AND MAINTAIN A STRIP OF TURF ON BOTH SIDES OF ALL ROADS AFTER THE CONSTRUCTION OF KERBS.

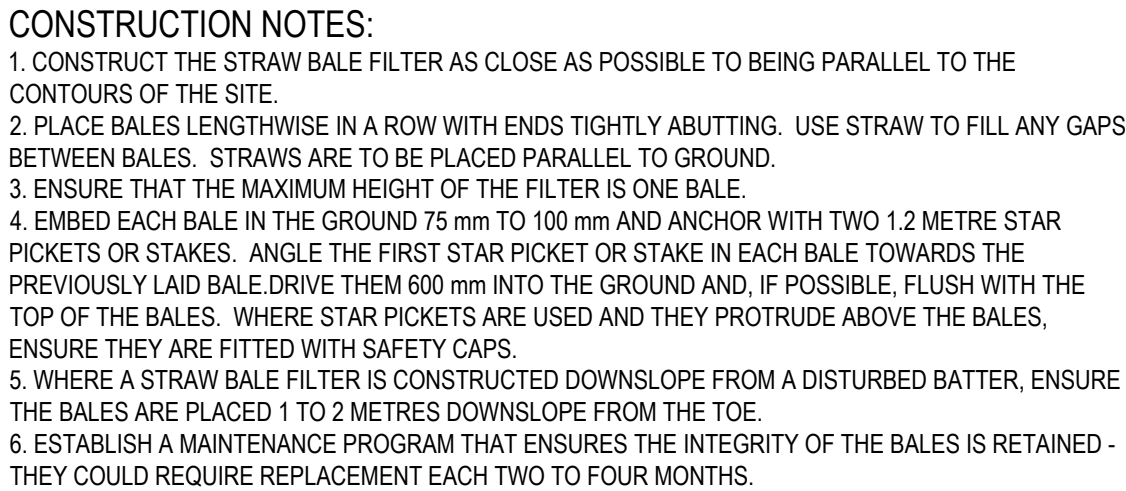
1. PRIOR TO DISCHARGE OF SITE STORMWATER, GROUNDWATER AND SEEPAGE WATER INTO COUNCIL'S STORMWATER SYSTEM, CONTRACTORS MUST UNDERTAKE WATER QUALITY TESTS IN CONJUNCTION WITH A SUITABLY QUALIFIED ENVIRONMENT CONSULTANT OUTLINING THE FOLLOWING: -
 - COMPLIANCE WITH THE CRITERIA OF THE AUSTRALIAN AND NEW ZEALAND GUIDELINES FOR FRESH AND MARINE WATER QUALITY (2000)
 - IF REQUIRED SUBJECT TO THE ENVIRONMENTAL CONSULTANTS ADVICE, PROVIDE REMEDIAL MEASURES TO IMPROVE THE QUALITY OF WATER THAT IS TO BE DISCHARGED INTO COUNCILS STORM WATER DRAINAGE SYSTEM THIS SHOULD INCLUDE COMMENTS FROM A SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT CONFIRMING THE SUITABILITY OF THESE REMEDIAL MEASURES TO MANAGE THE WATER DISCHARGED FROM THE SITE INTO COUNCILS STORM WATER DRAINAGE SYSTEM. OUTLINING THE PROPOSED, ONGOING MONITORING, CONTINGENCY PLANS AND VALIDATION PROGRAM THAT WILL BE IN PLACE TO CONTINUALLY MONITOR THE QUALITY OF WATER DISCHARGED FROM THIS SITE. THIS SHOULD OUTLINE THE FREQUENCY OF WATER QUALITY TESTING THAT WILL BE UNDERTAKEN BY A SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT.

— SF — SEDIMENT FENCE (6-8)

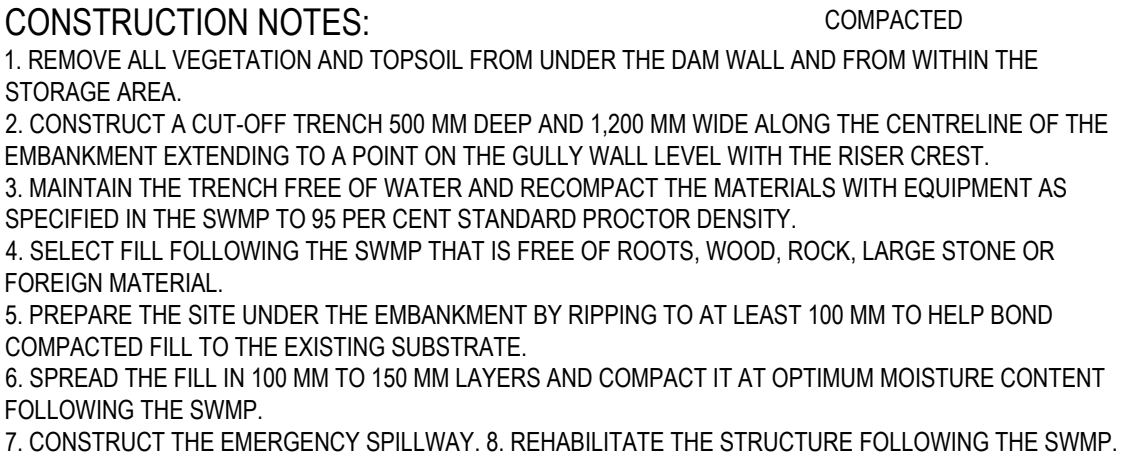
■ IF STORMWATER PIT WITH GEOTEXTILE INLET FILTER (SD6-12)

 STRAW BALE FILTERS (SD6-7)

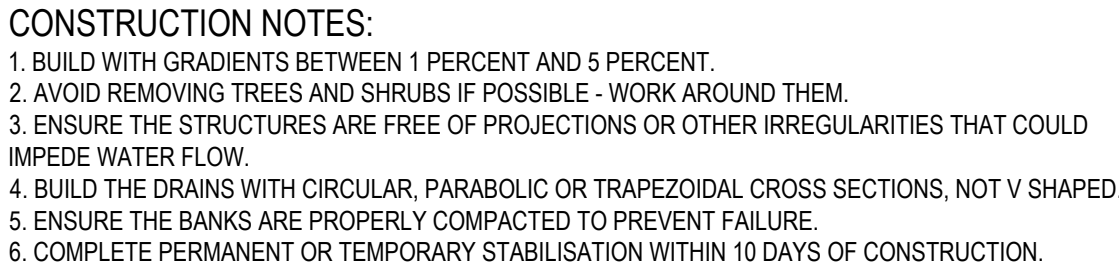
— > —> —> CATCH DRAIN



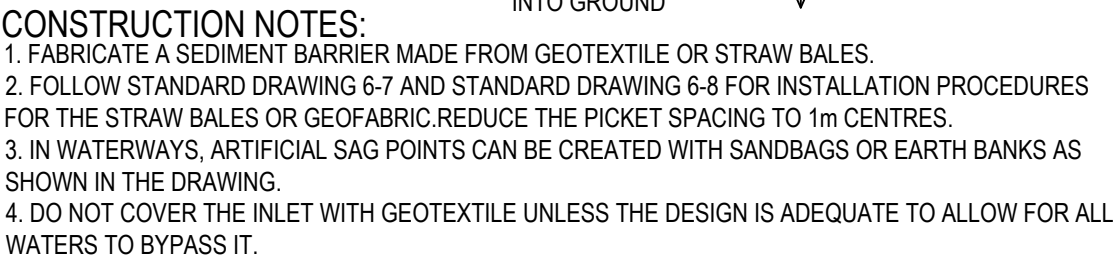
SD 6-7



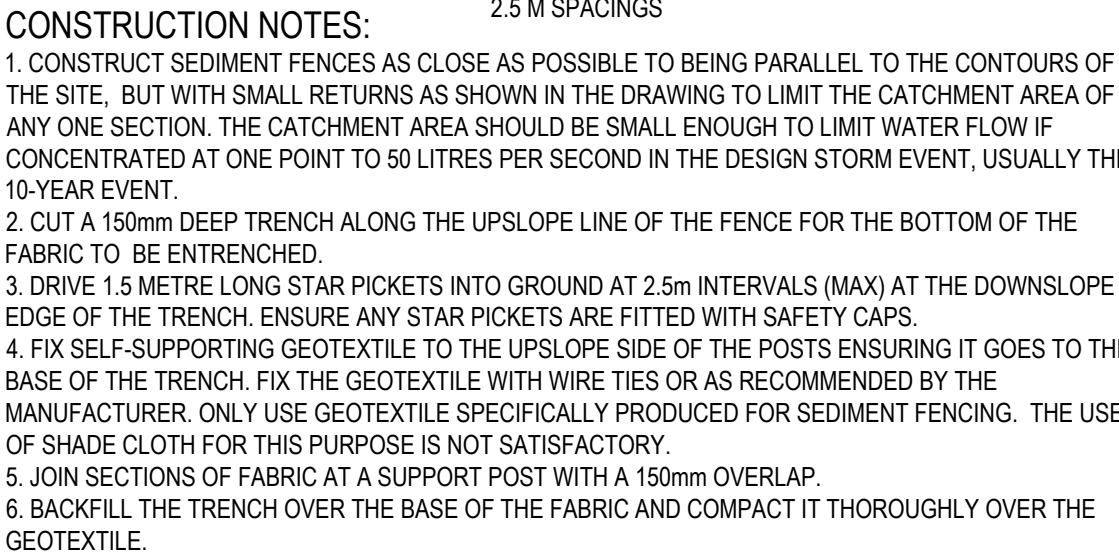
SD 6-4



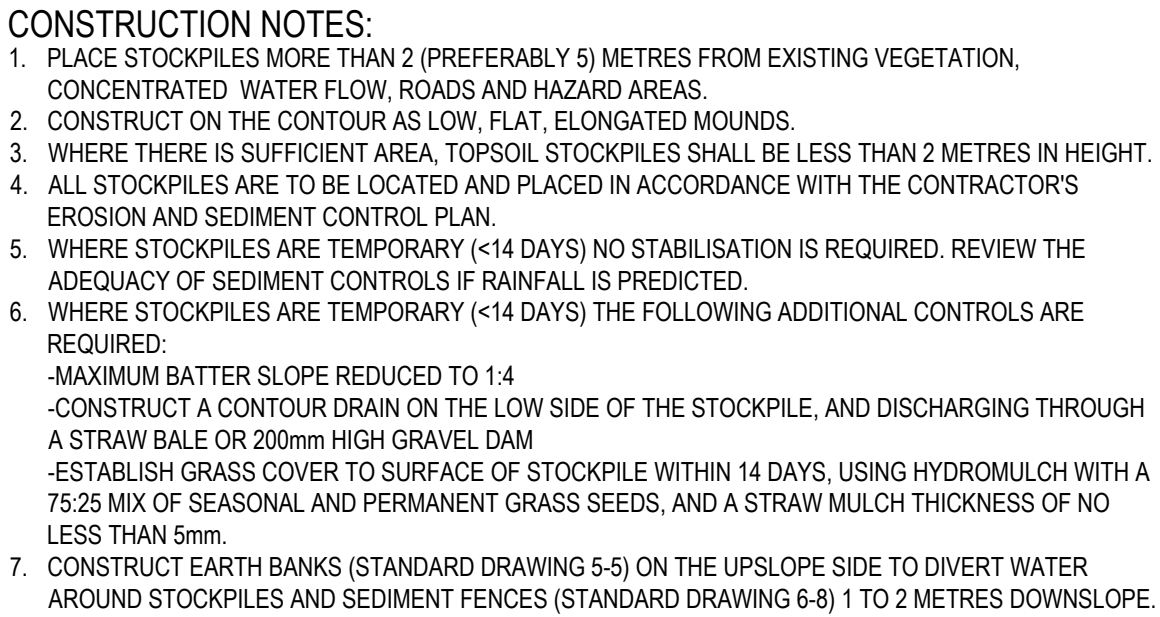
SD 5-5



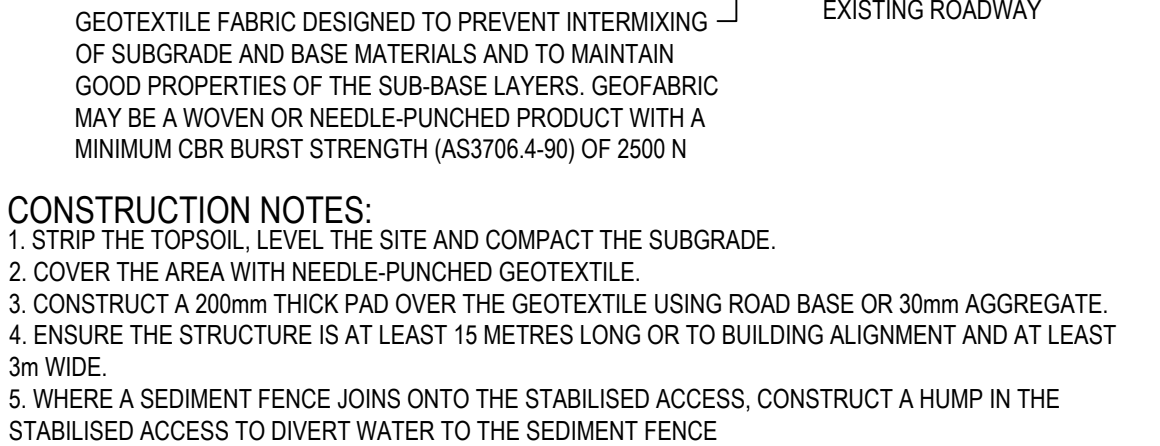
SD 6-12



SD 6-8



SD 4-1



SD 6-14

NOTE:

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6. ASL = ABOVE SLAB LEVEL

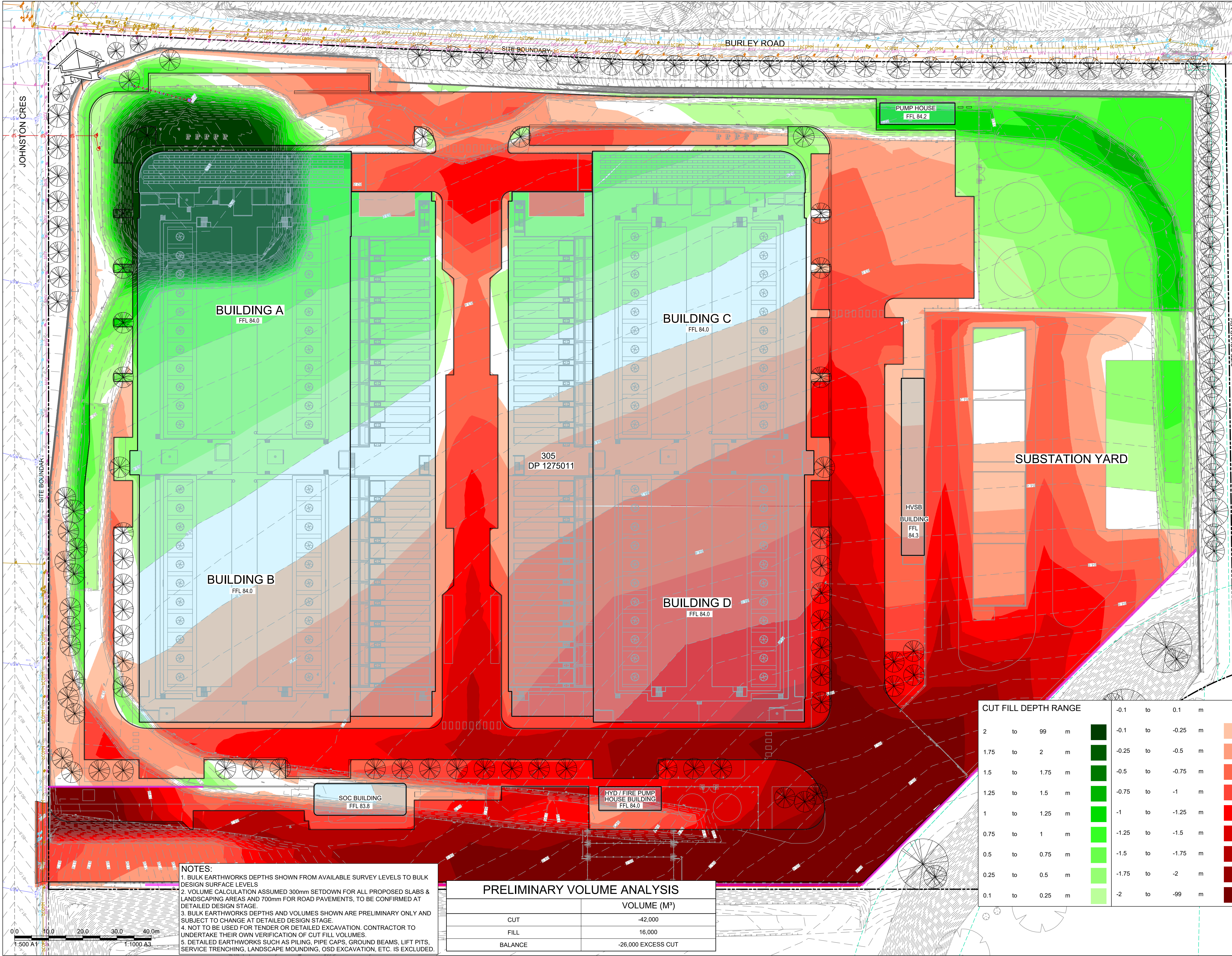
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211085

The floor plan shows a rectangular building with several rooms. The rooms are labeled with numbers 1 through 10. The layout includes a central corridor and several large rooms. The study area is indicated by a shaded region in one of the rooms.

Drawing Number	Rev
S4-CIV-TTW-DRG-SW-0000-0110	CNC-3



NOTES:
1. BULK EARTHWORKS DEPTHS SHOWN FROM AVAILABLE SURVEY LEVELS TO BULK DESIGN SURFACE LEVELS.
2. VOLUME CALCULATION ASSUMED 300mm SETDOWN FOR ALL PROPOSED SLABS & LANDSCAPING AREAS AND 700mm FOR ROAD PAVEMENTS, TO BE CONFIRMED AT DETAILED DESIGN STAGE.
3. BULK EARTHWORKS DEPTHS AND VOLUMES SHOWN ARE PRELIMINARY ONLY AND SUBJECT TO CHANGE AT DETAILED DESIGN STAGE.
4. NOT TO BE USED FOR TENDER OR DETAILED EXCAVATION. CONTRACTOR TO UNDERTAKE THEIR OWN VERIFICATION OF CUT FILL VOLUMES.
5. DETAILED EARTHWORKS SUCH AS PILING, PIPE CAPS, GROUND BEAMS, LIFT PITS, SERVICE TRENCHING, LANDSCAPE MOUNDING, OSD EXCAVATION, ETC. IS EXCLUDED.

PRELIMINARY VOLUME ANALYSIS	
	VOLUME (M³)
CUT	-42,000
FILL	16,000
BALANCE	-26,000 EXCESS CUT

CUT FILL DEPTH RANGE									
2	to	99	m		-0.1	to	0.1	m	
1.75	to	2	m		-0.1	to	-0.25	m	
1.5	to	1.75	m		-0.25	to	-0.5	m	
1.25	to	1.5	m		-0.5	to	-0.75	m	
1	to	1.25	m		-0.75	to	-1	m	
0.75	to	1	m		-1	to	-1.25	m	
0.5	to	0.75	m		-1.25	to	-1.5	m	
0.25	to	0.5	m		-1.5	to	-1.75	m	
0.1	to	0.25	m		-1.75	to	-2	m	
					-2	to	-99	m	

30.04.2025CNC-3

SSDA SUBMISSION

ES

CG

CG

31.03.2025CNC-2

SSDA SUBMISSION

ES

CG

CG

25.03.2025CNC-1

INITIAL RELEASE

JH

CG

CG

DATE

No.

REVISION HISTORY

DRW

CHK

QA

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Document Author Project Number

211085

Key Plan

Site: S4

Stage: 01

Phase: 01

NEXTDC Project Number:

S4.0002

Project Address

16 JOHNSTON CRESCENT,
HORSLEY PARK, NSW 2175

Project Name

NEXTDC S4

Drawing Title

BULK EARTHWORKS
PLAN (DAY FINAL)

Drawing Status

SSDA SUBMISSION
NOT FOR CONSTRUCTION

Drawn

JH

Date

30.04.2025

Checked

CG

Date

30.04.2025

Scale

1:500

Sheet

A1

File Name

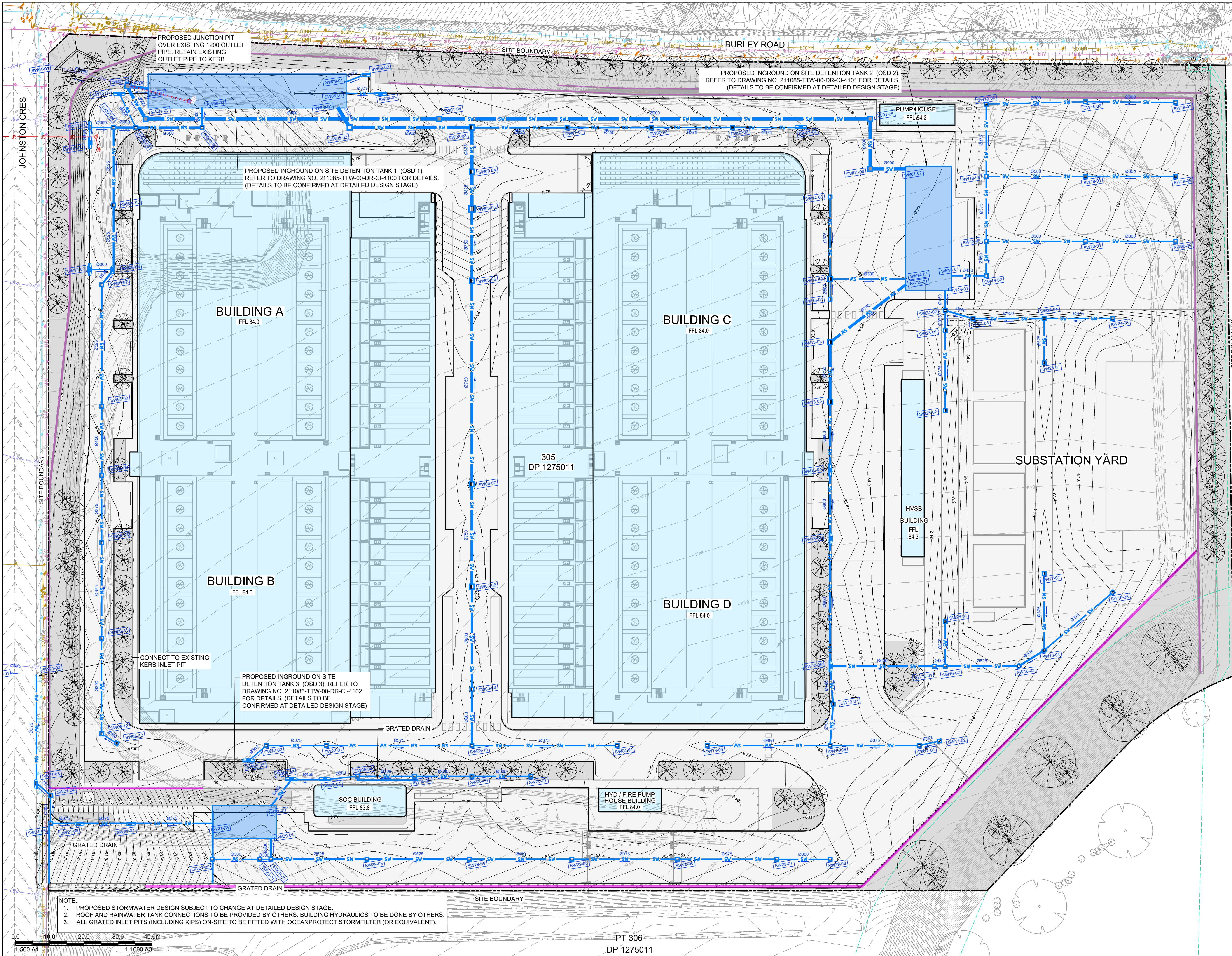
S4-CIV-TTW-DRG-SW-0000-1000

Drawing Number

S4-CIV-TTW-DRG-SW-0000-1000

Rev

CNC-3



DATE	No.	REVISION HISTORY	DRW	CHK	QA
20.04.2025	CNC-6	SSDA SUBMISSION	ES	CG	CG
19.03.2025	CNC-5	SSDA SUBMISSION	ES	CG	CG
19.03.2025	CNC-4	CONCEPT DESIGN	ES	CG	CG
10.07.2024	CNC-3	MINOR AMENDMENTS	JH	CG	CG
08.07.2024	CNC-2	UPDATED SW LAYOUTS	JH	CG	CG
25.03.2024	CNC-1	INITIAL RELEASE	JH	CG	CG

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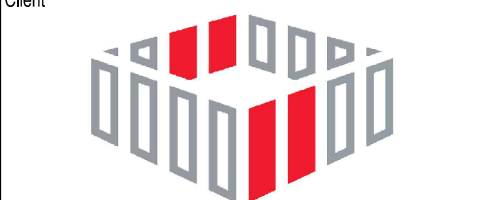
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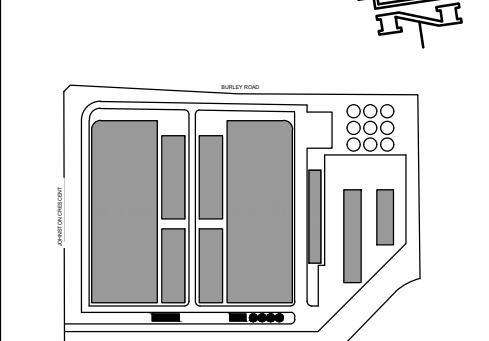
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Key Plan



Site: S4

Stage: 01

Phase: 01

NEXTDC Project Number:

S4.0002

Project Address

16 JOHNSTON CRESCENT,

HORSLEY PARK, NSW 2175

Project Name

NEXTDC S4

Drawing Title

STORMWATER

MANAGEMENT PLAN

(DAY FINAL)

Drawing Status

SSDA SUBMISSION

NOT FOR CONSTRUCTION

Drawn

JH

Date

30.04.2025

Checked

CG

Date

30.04.2025

Scale

1:500

Sheet

A1

File Name

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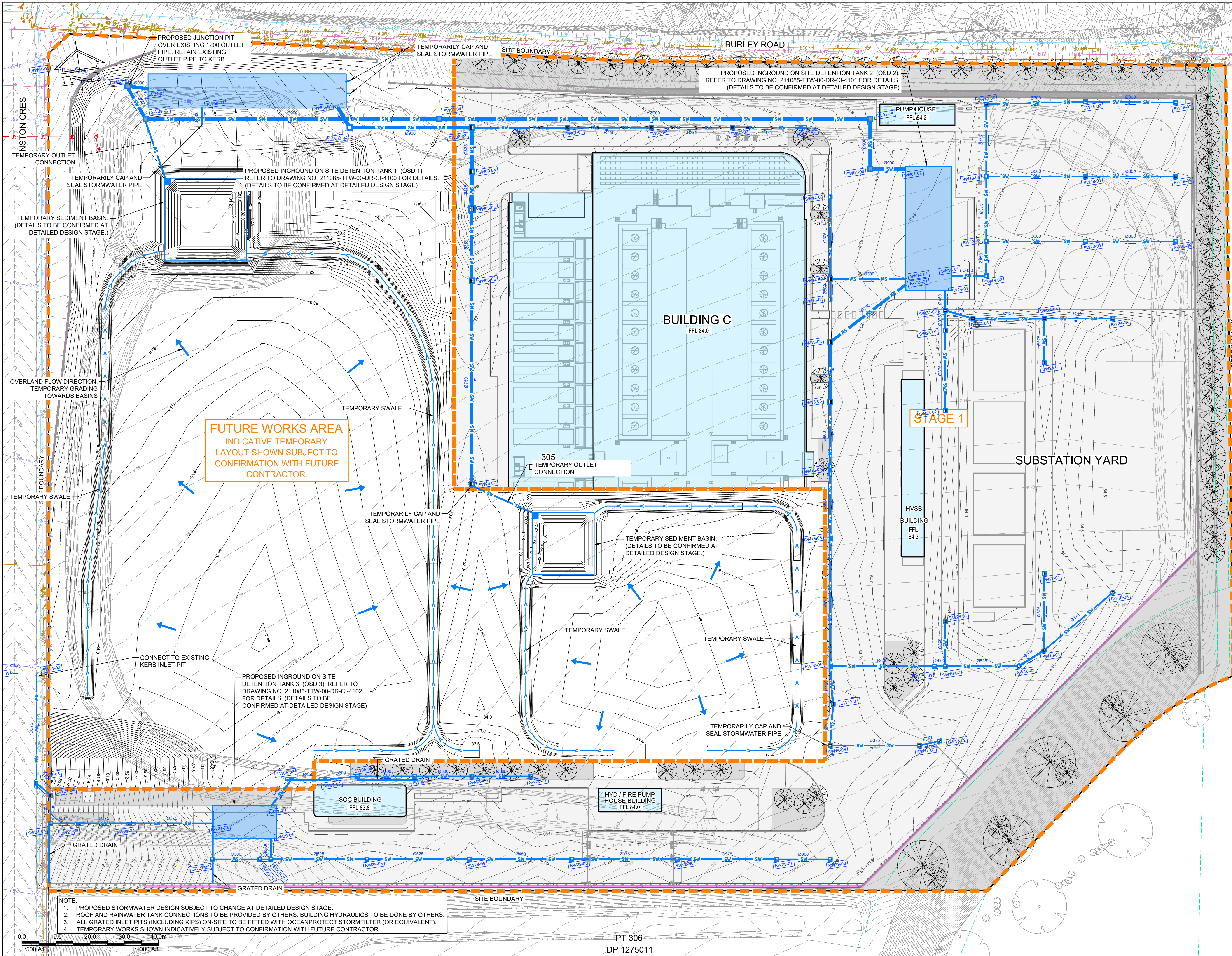
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Rev

CNC-6

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25.03.2024	CNC-2	SSDA SUBMISSION	ES	CG	CG
25.03.2024	CNC-1	INITIAL RELEASE	ES	CG	CG
DATE	No.	REVISION HISTORY	DRW	CHK	QA

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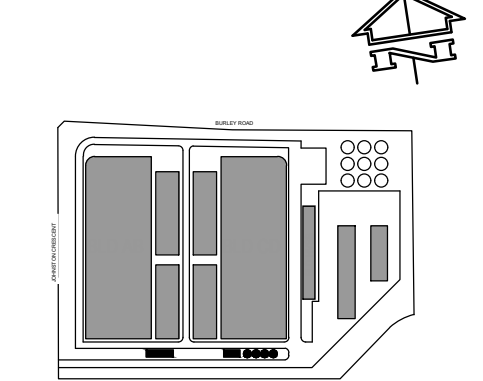
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Key Plan



Site: S4 Stage: 01 Phase: 01

NEXTDC Project Number: S4.0002

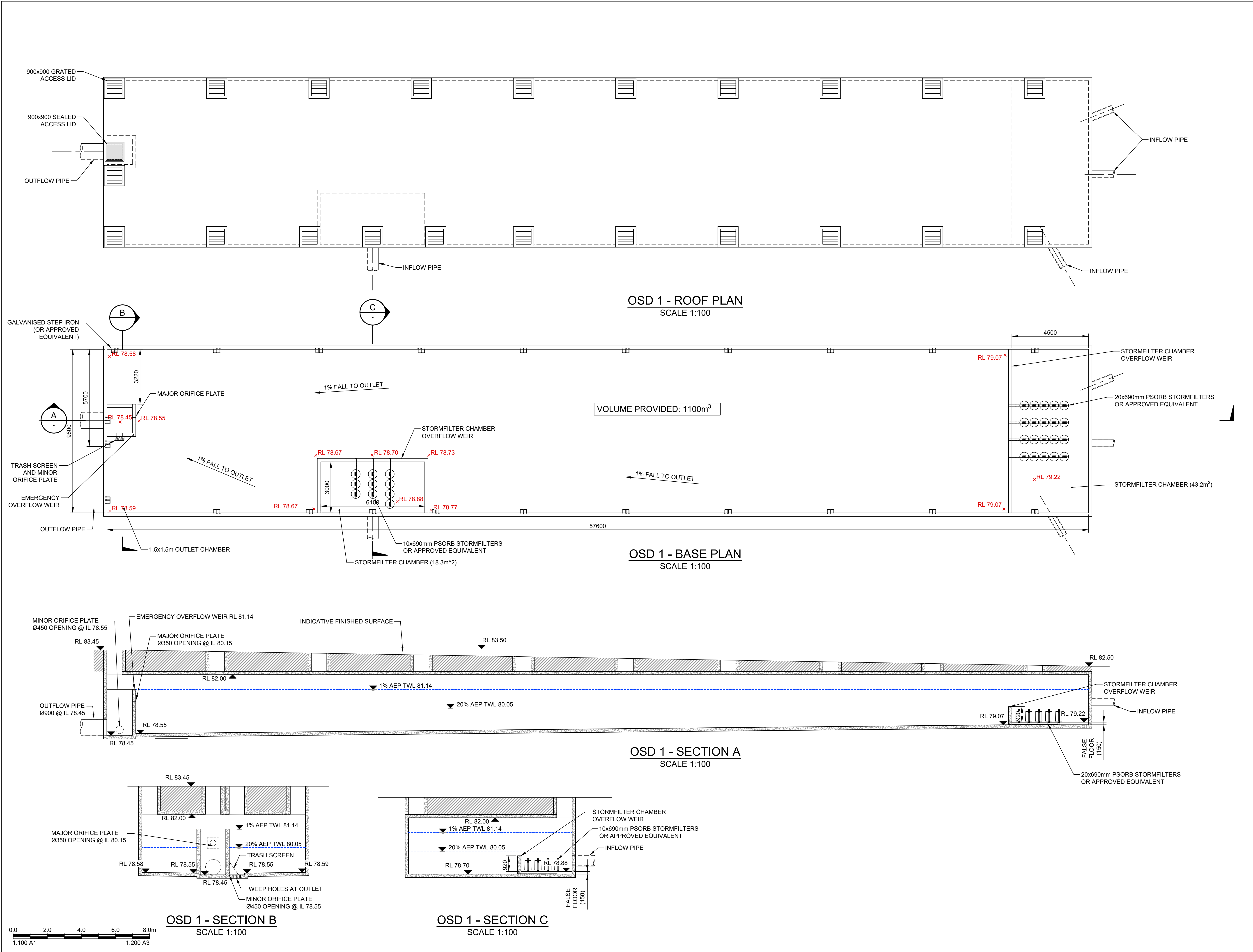
Project Address
16 JOHNSTON CRESCENT,
HORSLEY PARK, NSW 2175

Project Name
NEXTDC S4

Drawing Title
STORMWATER
MANAGEMENT PLAN
(STAGE 1)

Drawing Status
SSDA SUBMISSION
NOT FOR CONSTRUCTION

Drawn	JH	Date	30.04.2025
Checked	CG	Date	30.04.2025
Scale	1:500	Sheet	A1
Drawing Number	S4-CIV-TTW-DRG-SW-0000-4002	File Name	S4-CIV-TTW-DRG-SW-0000-4002
S4-CIV-TTW-DRG-SW-0000-4002	CNC-3	Rev	



30.04.2025	CNC-3	SSDA SUBMISSION	ES	CG	CG
31.03.2025	CNC-2	SSDA SUBMISSION	ES	CG	CG
25.03.2024	CNC-1	INITIAL RELEASE	JH	CG	CG
DATE	No.	REVISION HISTORY	DRW	CHK	QA

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Key Plan

Site: S4 Stage: 01 Phase: 01

NEXTDC Project Number: S4.0002

Project Address
16 JOHNSTON CRESCENT,
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Project Name
NEXTDC S4

Drawing Title
STORMWATER
CONCEPT ON-SITE
DETENTION DETAILS-SHEET 1

Drawing Status
SSDA SUBMISSION
NOT FOR CONSTRUCTION

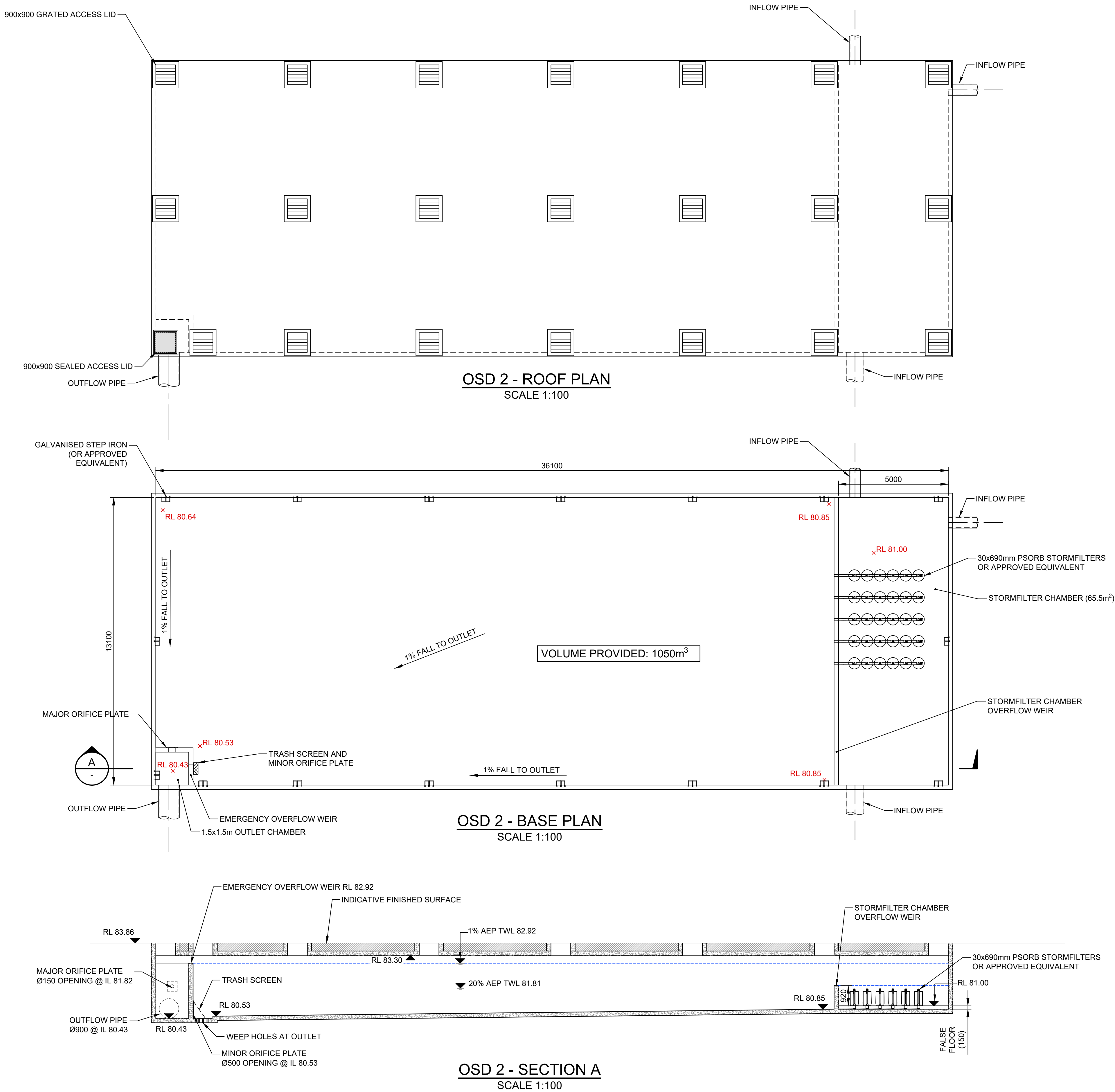
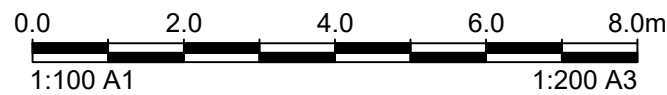
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JH	30.04.2025
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CG	30.04.2025

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Drawing Number	Rev
S4-CIV-TTW-DRG-SW-0000-4100	CNC-3

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30.04.2025	CNC-2	SSDA SUBMISSION	ES	CG	GC
31.03.2025	CNC-1	SSDA SUBMISSION	ES	CG	GC
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Key Plan

Site: **S4** Stage: **01** Phase: **01**
NEXTDC Project Number:
S4.0002
Project Address
**16 JOHNSTON CRESCENT,
HORSLEY PARK, NSW 2175**

Project Name
NEXTDC S4

Drawing Title
**STORMWATER
CONCEPT ON-SITE
DETENTION DETAILS-SHEET 2**

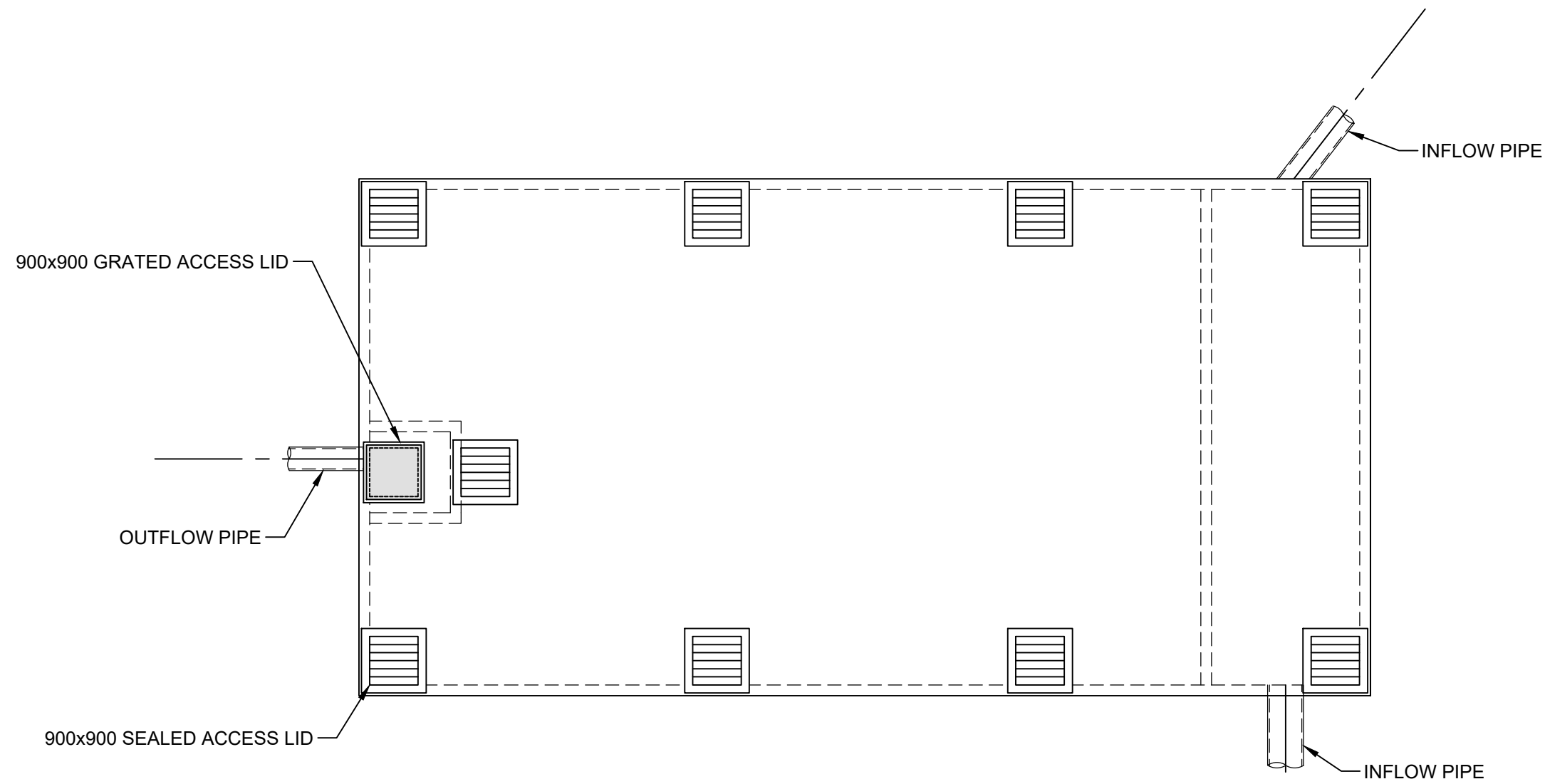
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Checked CG	Date 30.04.2025
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Drawing Number S4-CIV-TTW-DRG-SW-0000-4101	File Name S4-CIV-TTW-DRG-SW-0000-4101
	Rev

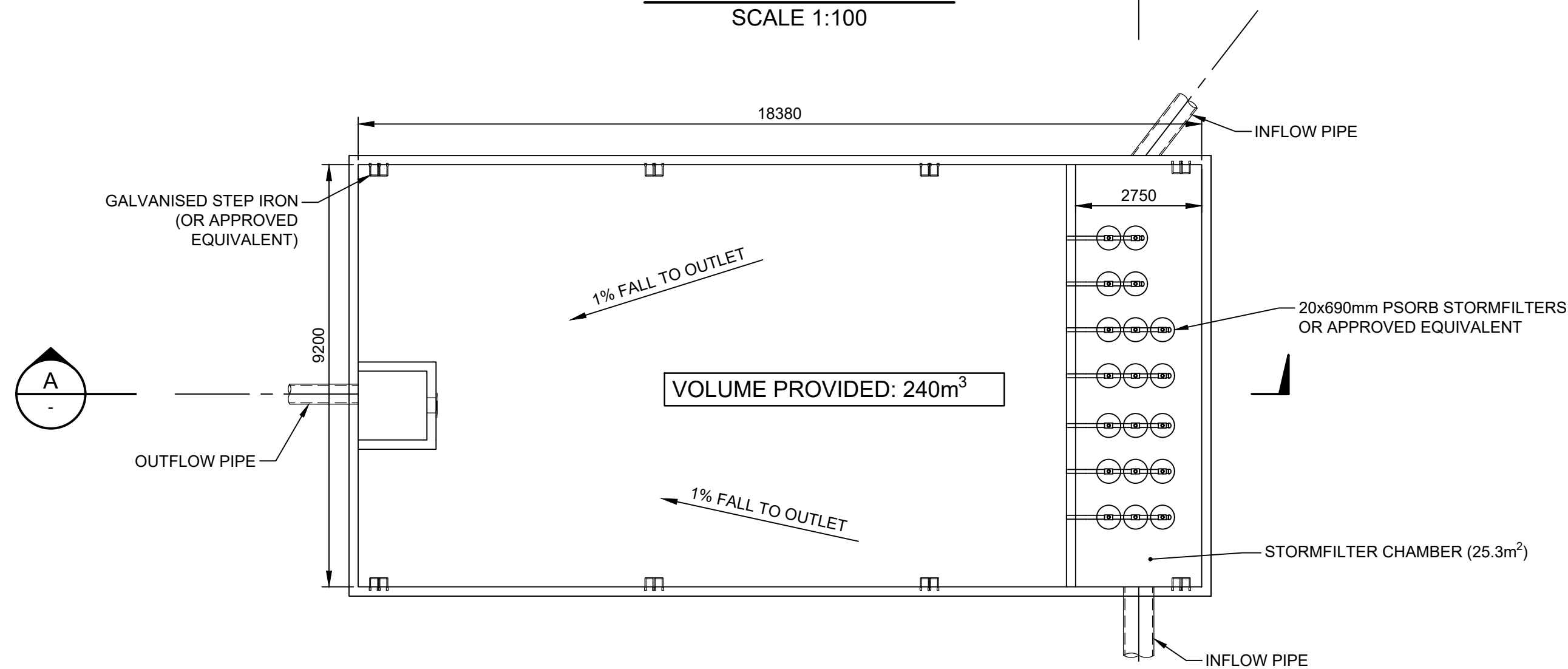
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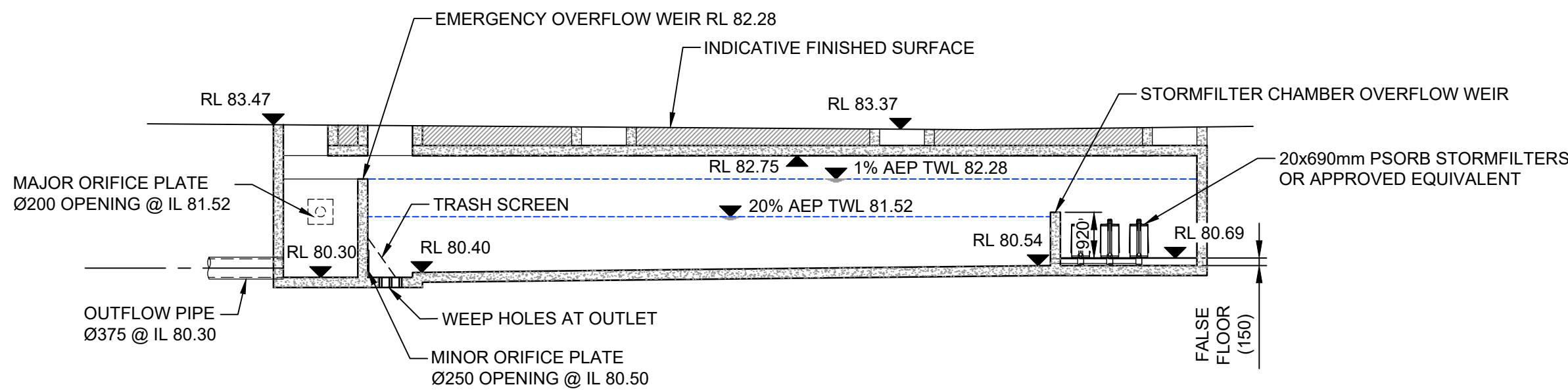
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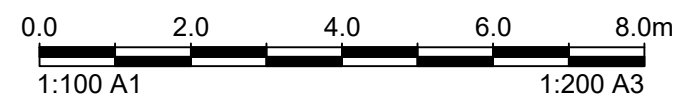
OSD 3 - ROOF PLAN
SCALE 1:100



OSD 3 - BASE PLAN
SCALE 1:100



OSD 3 - SECTION A
SCALE 1:100



01.04.2025	CNC-3	SSDA SUBMISSION	ES	CG	CG
19.03.2025	CNC-2	SSDA SUBMISSION	ES	CG	CG
05.03.2024	CNC-1	INITIAL RELEASE	JH	CG	CG
DATE	No.	REVISION HISTORY	DRW	CHK	QA

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Key Plan

Site: S4	Stage: 01	Phase: 01
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NEXTDC Project Number:
S4.0002

Project Address
**16 JOHNSTON CRESCENT,
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Project Name
NEXTDC S4

Drawing Title
**STORMWATER
CONCEPT ON-SITE
DETENTION DETAILS-SHEET 3**

Drawing Status
**SSDA SUBMISSION
NOT FOR CONSTRUCTION**

Drawn JH	Date 30.04.2025
Checked CG	Date 30.04.2025

Scale SHOWN	Sheet A1	File Name S4-CIV-TTW-DRG-SW-0000-4102
Drawing Number S4-CIV-TTW-DRG-SW-0000-4102	Rev CNC-3	

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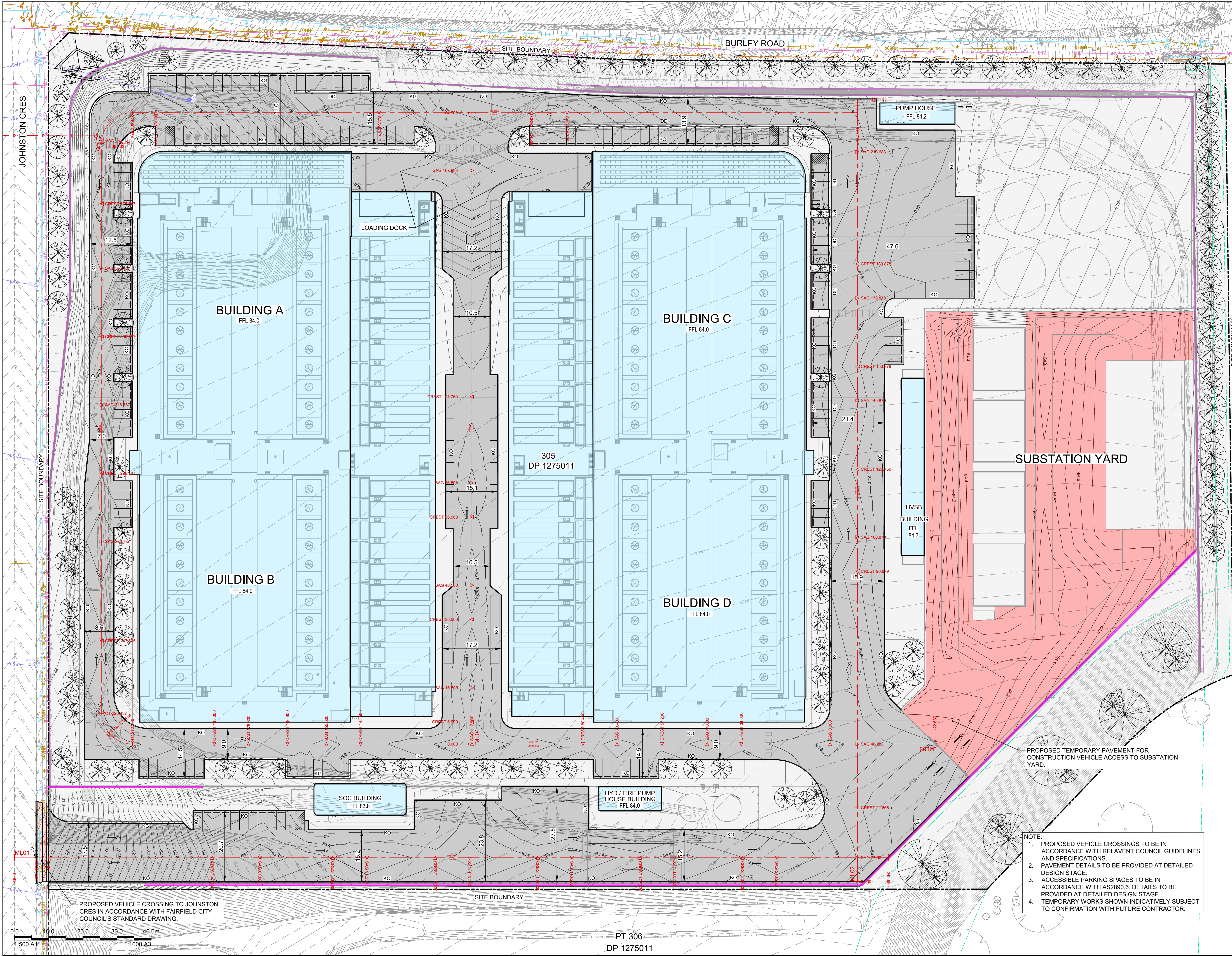
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PIT SCHEDULE											
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW01-07	DETENTION TANK	298997.659	6254735.281	0	0			900	80.43	83.916	3.486
SW01-06	JUNCTION PIT - 1200x1200	298987.275	6254736.838	1.2	1.2	900	80.325	900	80.305	83.747	3.442
SW01-05	JUNCTION PIT - 1200x1200	298989.44	6254751.282	1.2	1.2	900	80.159	900	80.139	83.936	3.797
SW01-04	JUNCTION PIT - 1200x1200	298964.645	6254769.991	1.2	1.2	900	78.877	900	78.857	82.774	3.917
SW01-03	JUNCTION PIT - 1200x1200	298779.595	6254782.742	1.2	1.2	900	77.997	900	77.977	83.639	5.662
SW01-02	JUNCTION PIT - 1500x1500	298775.563	6254792.277	1.5	1.5	900	77.874	1200	73.775	83.591	9.816
SW01-01	EXISTING STRUCTURE	298749.481	6254803.445			1200	72.91			76.44	3.53
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW02-01	DETENTION TANK	298781.844	6254791.335	0	0			900	78.45	83.414	4.964
SW01-02	JUNCTION PIT - 1500x1500	298775.563	6254792.277	1.5	1.5	900	78.386			83.591	9.816
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW03-10	GSIP 900x900	298846.897	6254587.202	0.9	0.9			600	81.618	83.51	1.892
SW03-09	GSIP 900x900	298849.344	6254603.52	0.9	0.9	600	81.536	600	81.516	83.468	1.952
SW03-08	GSIP 1200x1200	298853.792	6254633.188	1.2	1.2	600	81.366	750	81.346	83.518	2.172
SW03-07	GSIP 1200x1200	298859.24	6254662.857	1.2	1.2	750	81.196	750	81.176	83.568	2.392
SW03-06	GSIP 1200x1200	298867.071	6254721.758	1.2	1.2	750	80.878	750	80.858	83.5	2.642
SW03-05	GSIP 1200x1200	298870.19	6254742.566	1.2	1.2	750	80.753	825	80.733	82.658	1.926
SW03-04	GSIP 1200x1200	298871.804	6254753.334	1.2	1.2	825	80.678	825	80.658	82.557	1.898
SW03-03	GSIP 1200x1200	298873.719	6254766.103	1.2	1.2	825	80.594	900	80.574	82.757	2.183
SW03-02	GSIP 1200x1200	298838.246	6254771.406	1.2	1.2	900	80.395	1050	80.375	82.612	2.238
SW03-01	DETENTION TANK	298835.777	6254777.757	0	0	1050	80.306			82.562	2.256
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW04-01	GSIP 900x900	298888.928	6254580.901	0.9	0.9			375	82.654	83.66	1.005
SW03-10	GSIP 900x900	298846.897	6254587.202	0.9	0.9	375	82.229			83.51	1.892
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW05-07	GSIP 900x900	298862.631	6254575.738	0.9	0.9			300	82.849	83.782	0.933
SW05-06	GSIP 900x900	298845.563	6254578.301	0.9	0.9	300	82.676	300	82.656	83.696	1.04
SW05-05	GSIP 900x900	298828.95	6254580.792	0.9	0.9	300	82.488	300	82.468	83.7	1.232
SW05-04	GSIP 900x900	298812.459	6254583.265	0.9	0.9	300	82.302	300	82.282	83.722	1.441
SW05-03	ROAD PIT - SAG	298802.841	6254583.695	0.9	0.9	300	82.185	450	82.165	83.595	1.43
SW05-02	ROAD PIT - SAG	298793.149	6254585.148	0.9	0.9	450	82.067	450	82.047	83.573	1.526
SW05-01	DETENTION TANK	298786.046	6254578.345	0	0	450	81.949			83.579	1.63
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW06-13	GSIP 900x900	298744.124	6254603.3	0.9	0.9			300	82.619	83.554	0.935
SW06-12	GSIP 900x900	298740.206	6254606.677	0.9	0.9	300	82.567	300	82.547	83.563	1.016
SW06-11	GSIP 900x900	298744.351	6254634.322	0.9	0.9	300	82.268	375	82.248	83.72	1.472
SW06-10	GSIP 900x900	298748.495	6254661.968	0.9	0.9	375	81.968	375	81.948	83.51	1.562
SW06-09	GSIP 900x900	298751.423	6254681.5	0.9	0.9	375	81.751	450	81.731	83.708	1.977
SW06-08	GSIP 900x900	298754.426	6254701.526	0.9	0.9	450	81.528	525	81.508	83.51	2.002
SW06-07	GSIP 900x900	298759.689	6254736.634	0.9	0.9	525	81.26	525	81.24	83.544	2.304
SW06-06	ROAD PIT - SAG	298763.818	6254740.565	0.9	0.9	525	81.2	525	81.03	83.58	2.551
SW06-05	GSIP 900x900	298766.614	6254759.217	0.9	0.9	525	80.898	525	80.878	83.717	2.84
SW06-04	GSIP 900x900	298769.978	6254781.656	0.9	0.9	525	80.719	600	80.699	83.569	2.87
SW06-03	GSIP 900x900	298776.044	6254780.692	0.9	0.9	600	80.667	600	80.647	83.682	3.036
SW06-02	GSIP 900x900	298795.592	6254777.816	0.9	0.9	600	80.55	600	80.53	83.483	2.954
SW06-01	DETENTION TANK	298796.467	6254783.65	0	0	600	80.5			83.365	2.865
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW07-04	ROAD PIT - SAG	298868.997	6254751.819	0.9	0.9			375	82.559	83.559	1
SW07-03	GSIP 900x900	298949.175	6254754.79	0.9	0.9	375	82.126	375	82.106	83.418	1.312
SW07-02	GSIP 900x900	298925.717	6254758.307	0.9	0.9	375	81.591	450	81.571	83.091	1.52
SW07-01	GSIP 900x900	298901.31	6254761.966	0.9	0.9	450	81.205	525	81.089	82.652	1.562
SW03-03	GSIP 1200x1200	298873.719	6254766.103	1.2	1.2	525	80.894			82.757	2.183
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW08-02	ROAD PIT - SAG	298848.797	6254779.951	0.9	0.9			375	81.115	82.422	1.308
SW08-01	DETENTION TANK	298838.709	6254781.464	0	0	375	81.013			82.476	1.463
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW09-02	ROAD PIT	298844.882	6254786.099	0.9	0.9			375	81.211	82.502	1.291
SW09-01	DETENTION TANK	298839.097	6254784.727	0	0	375	81.151			82.549	1.398
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW10-01	ROAD PIT - SAG	298773.093	6254791.3	0.9	0.9			300	82.524	83.419	0.895
SW06-03	GSIP 900x900	298776.404	6254780.692	0.9	0.9	300	82.413			83.682	3.036
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW11-01	ROAD PIT	298763.055	6254782.693	0.9	0.9	300	82.441	300	82.421	83.437	1.015
SW06-04	GSIP 900x900	298769.978	6254781.656	0.9	0.9	300	82.351			83.569	2.87
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW12-01	ROAD PIT - SAG	298756.895	6254741.603	0.9	0.9			300	82.515	83.409	0.894
SW06-06	ROAD PIT - SAG	298763.818	6254740.565	0.9	0.9	300	82.445			83.58	2.551
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW13-09	GSIP 900x900	298915.036	6254576.967	0.9	0.9			300	82.733	83.66	0.927
SW13-08	GSIP 900x900	298950.638	6254571.649	0.9	0.9	300	82.374	450	82.354	83.578	1.225
SW13-07	GSIP 900x900	298953.313	6254583.521	0.9	0.9	450	82.232	450	82.212	83.698	1.486
SW13-06	ROAD PIT - SAG	298954.08	6254594.603	0.9	0.9	450	82.101	600	82.017	83.559	1.542
SW13-05	ROAD PIT - SAG	298959.623	6254631.575	0.9	0.9	600	81.83	600	81.81	83.596	1.786
SW13-04	ROAD PIT - SAG	298962.588	6254651.354	0.9	0.9	600	81.71	600	81.69	83.744	2.054
SW13-03	GSIP 1200x1200	298965.553	6254671.133	1.2	1.2	600	81.59	750	81.57	83.594	2.024
SW13-02	GSIP 1200x1200	298968.141	6254688.394	1.2	1.2	750	81.483	750	81.463	83.673	2.21
SW13-01	DETENTION TANK	298982.641	6254701.812	0	0	750	81.323			83.982	2.659

Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW14-03	GSIP 900x900	298974.449	6254730.47	0.9	0.9			375	82.107	83.596	1.489
SW14-02	GSIP 1200x1200	298970.885	6254706.698	1.2	1.2	375	81.866	300	81.846	83.656	1.809
SW14-01	DETENTION TANK	298992.879	6254703.4	0	0	300	81.624			83.998	2.374
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW15-01	GSIP 900x900	298970.001	6254700.801	0.9	0.9			300	82.369	83.596	1.227
SW14-02	GSIP 1200x1200	298970.885	6254706.698	1.2	1.2	300	82.31			83.656	1.809
Pit				INTERNAL		INLET		OUTLET		PIT	
Name	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH
SW16-05	GSIP 900x900	299039.124	6254603.67	0.9	0.9			375	83.188	84.507	1.318
SW16-04	GSIP 900x900	299016.755	6254589.888	0.9	0.9	375	82.673	525	82.653	84.242	1.589
SW16-03	GSIP 900x900	299008.687	6254586.416	0.9	0.9	525	82.592	525	82.572	84.154	1.583
SW16-02	GSIP 900x900	298987.417	6254589.605	0.9	0.9	525	82.421	600	82.401	84.017	1.616
SW16-01	GSIP 900x900	298984.316	6254590.07	0.9	0.9	600	82.37	600	82.35	84.197	1.848
SW13-06	ROAD PIT - SAG	298954.08	6254594.603	0.9	0.9	600	82.052			83.559	1.542

NOTES:
1. xy setout to pit centre
2. setout level to pit cover level
3. some setout xy or z levels have special setout data. See individual manhole remarks
4. Pit grates, unless noted otherwise on these plans (or Council Specifications for Public Roads), are to be minimum: - Class D: For Public Roads and for Trafficable Areas other than public roads. - Class C: For Trafficable Areas other than public roads NOT subject to heavy vehicle traffic loading (i.e. Austroads vehicle classes $\geq$ Class 3). Areas subject to heavy vehicle loading include (but not limited to) loading docks and heavy vehicle access routes. - Class B: For all other public areas.
5. All pipes to be minimum: - RCP2 where cover to obvert is $> 0.9m$ (except in landscaped areas NOT subject to traffic loading and NOT in public domain). - RCP3 where cover to obvert is $< 0.9m$ and $> 0.65m$. - RCP4 where cover to obvert is $< 0.65m$ and $\geq 0.45m$.
6. All pipes to be sptigot and socket, rubber ring jointed with minimum grade of SN4.
7. Pipelines and drainage lines in public domain and trafficle areas must be backfilled with approved granular material, unless approved otherwise by Council/Engineer.
8. All pipes must be benched and streamlined. Provide SL72 reinforcement and galvanised step irons in all pits over 1 meter deep, as measured from the top of the grate to the pit invert.
9. Concrete to have a minimum compressive strength of 32MPa at 28 days, unless approved otherwise by superintendent.
10. Interface with pits/grates and adjacent surrounding finished surface, U.N.O. are to be as follows: - Grass/landscaping: Grate to be encased in a minimum 100mm concrete surround. Concrete surround to be flush with pit grate. - Asphalt: Grate to be encased in minimum 100mm concrete surround. Concrete surround to be flush with pit grate. - Concrete pavement: Grate to be cast into surrounding pavement. - Pavers: Grate to be installed proud of pit wall. Pavers are to finish flush with grate, such that pit walls are not visible. Contractor to cut a rebate into pavers to accommodate pit grading as required.
11. Grates located in pedestrian areas (e.g. footpaths) to be heel safe & anti-slip grates.
12. All grate lids to be lockable.
13. Three (3) meters of subsoil drainage drainage wrapped in geotextile stocking must be provided to all downstream pipes and headwalls.

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30.04.2025CNC-3
31.03.2025CNC-2
25.03.2024CNC-1

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Document Author Project Number

211085

Key Plan

Site: S4

Stage: 01

Phase: 01

NEXTDC Project Number:

S4.0002

Project Address

16 JOHNSTON CRESCENT,
HORSLEY PARK, NSW 2175

Project Name

NEXTDC S4

Drawing Title

ROADWORKS
PLAN
(DAY FINAL)

Drawing Status

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Drawn

JH

Date

30.04.2025

Checked

CG

Date

30.04.2025

Scale

1:500

Sheet

A1

File Name

S4-CIV-TTW-DRG-SW-0000-5001

Drawing Number

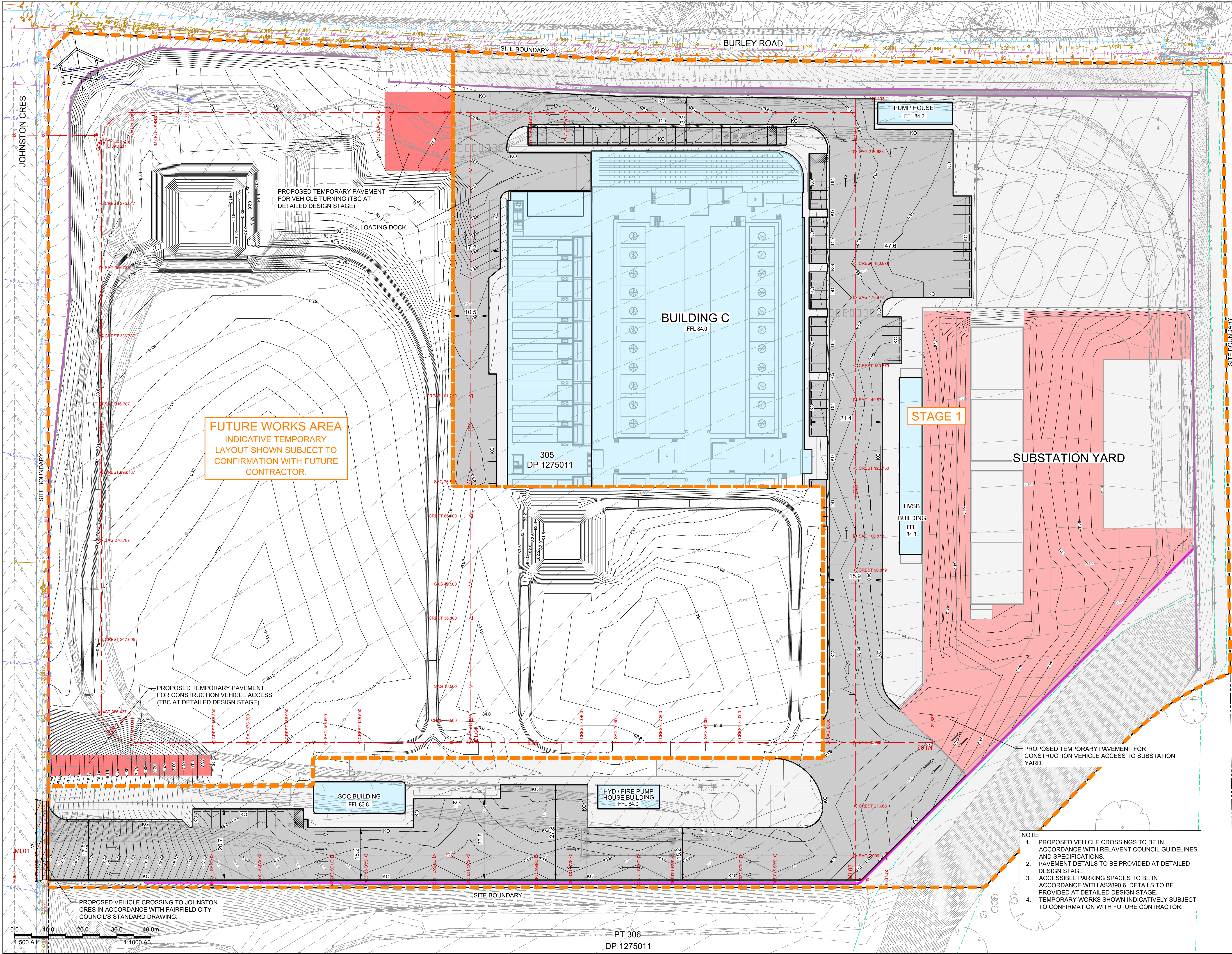
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Rev

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25.03.2025CNC-1
DATE
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Project Address
16 JOHNSTON CRESCENT,
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Drawing Title
ROADWORKS
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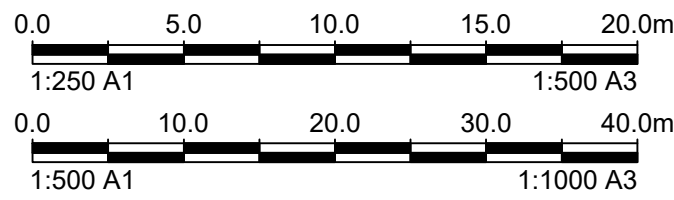
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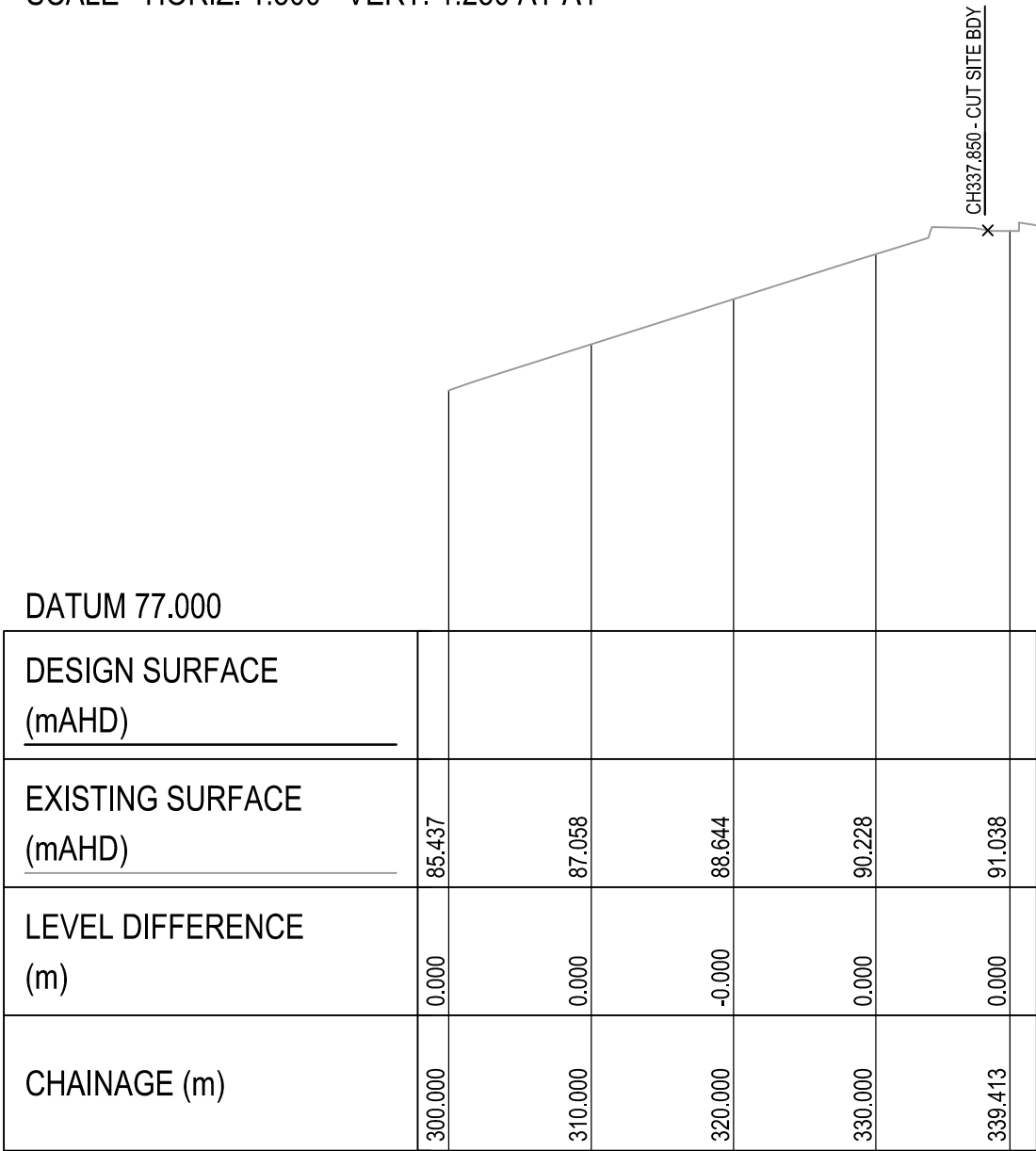
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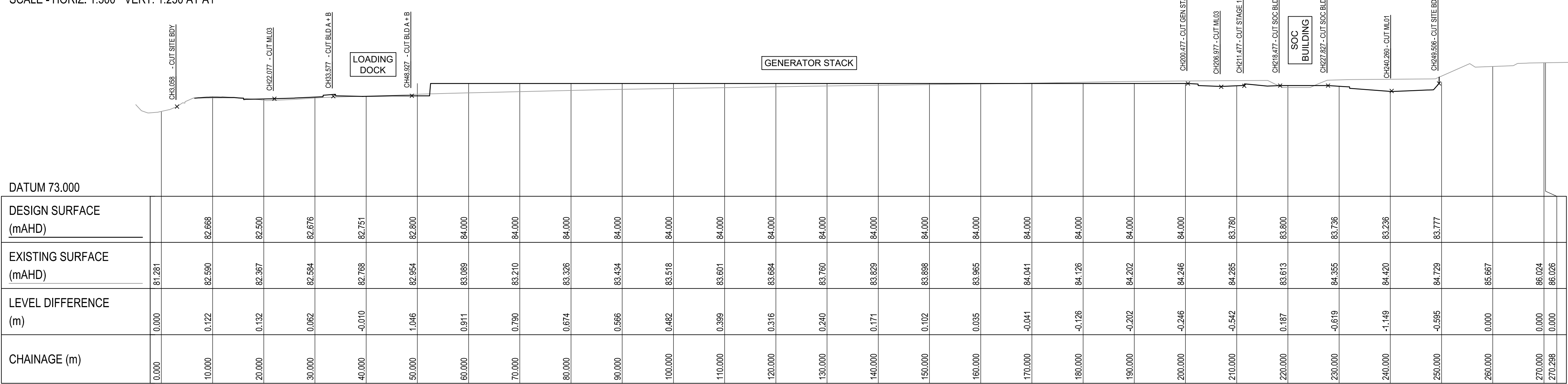
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SECTION B
SCALE - HORIZ. 1:500 VERT. 1:250 AT A1



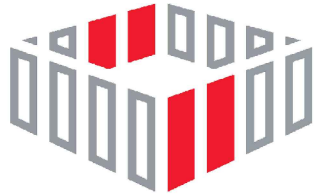
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31.03.2025	CNC-2	SSDA SUBMISSION	ES	CG	CG
25.03.2024	CNC-1	INITIAL RELEASE	JH	CG	CG
DATE	No.	REVISION HISTORY	DRW	CHK	QA

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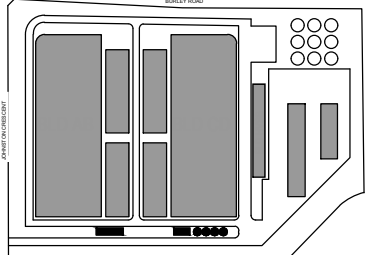
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Key Plan



Site: S4	Stage: 01	Phase: 01
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NEXTDC Project Number:
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HORSLEY PARK, NSW 2175**

Project Name
NEXTDC S4

Drawing Title
**SITWORKS
SECTIONS
SHEET 2**

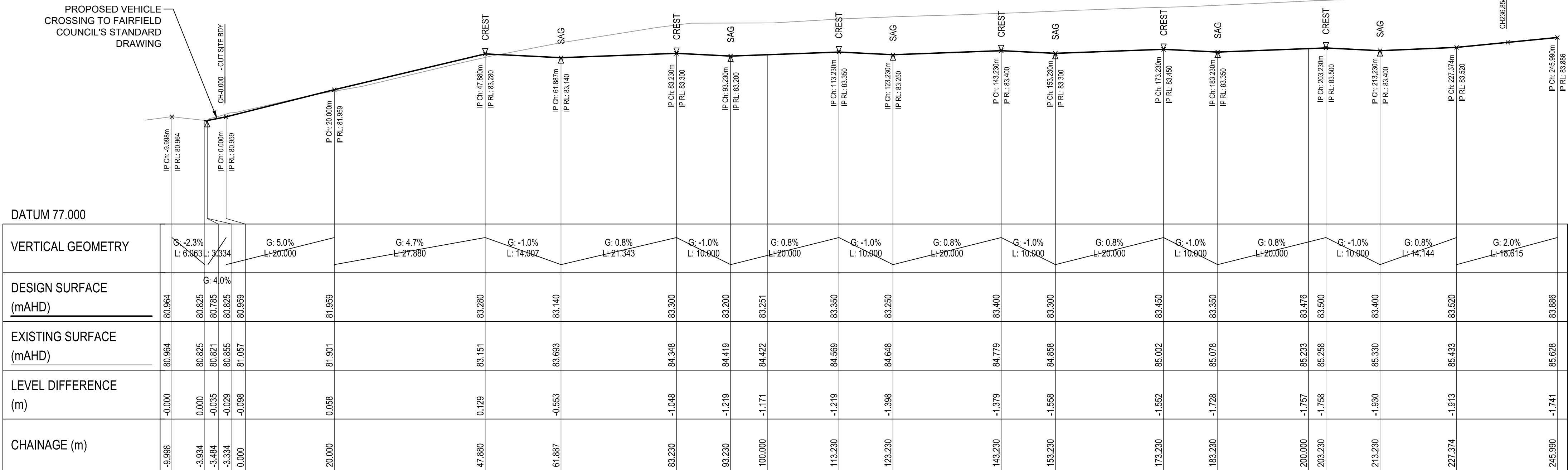
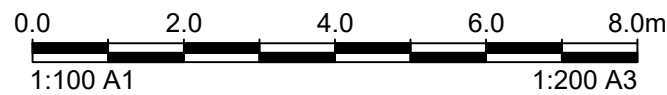
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Checked CG	Date 30.04.2025

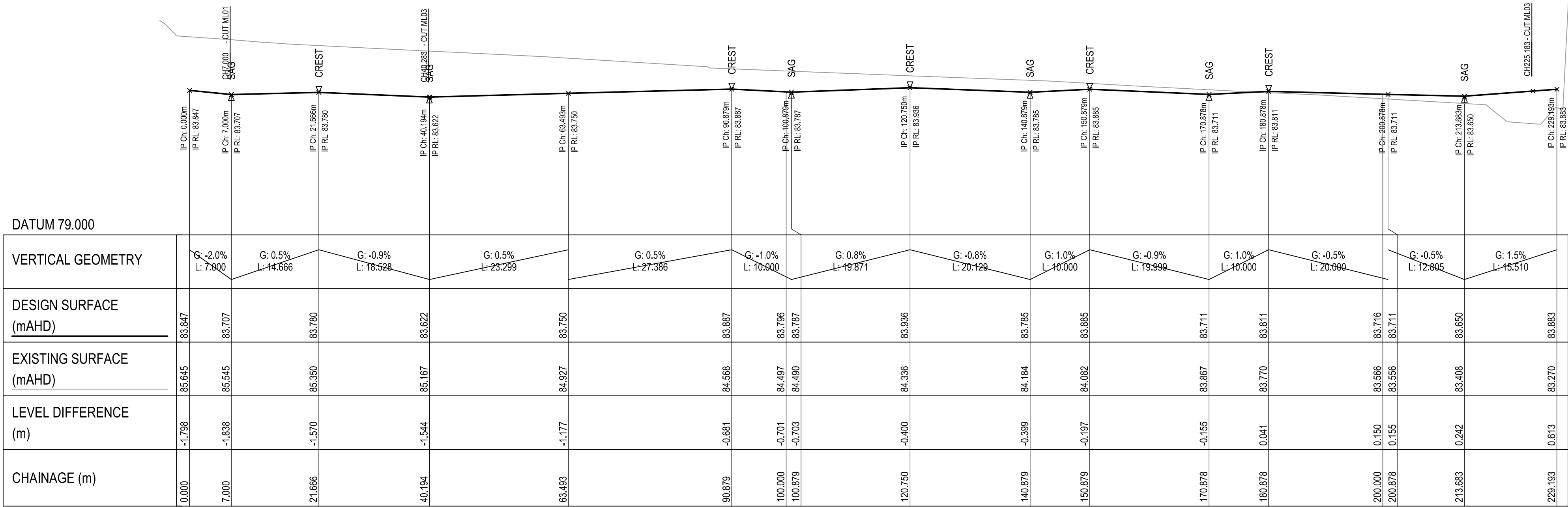
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Drawing Number S4-CIV-TTW-DRG-SW-0000-6001	Rev	

CNC-3

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ALIGNMENT ML01
SCALE - HORIZ. 1:500 VERT. 1:100 AT A1



ALIGNMENT ML02
SCALE - HORIZ. 1:500 VERT. 1:100 AT A1

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31.03.2025	CNC-2	SSDA SUBMISSION	ES	CG	CG
25.03.2024	CNC-1	INITIAL RELEASE	JH	CG	CG
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Site: S4
Stage: 01
Phase: 01

NEXTDC Project Number:
S4.0002

Project Address
16 JOHNSTON CRESCENT,
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Project Name
NEXTDC S4

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ROADWORKS
LONGITUDINAL SECTIONS
SHEET 1

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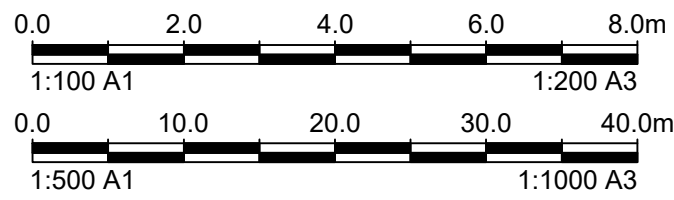
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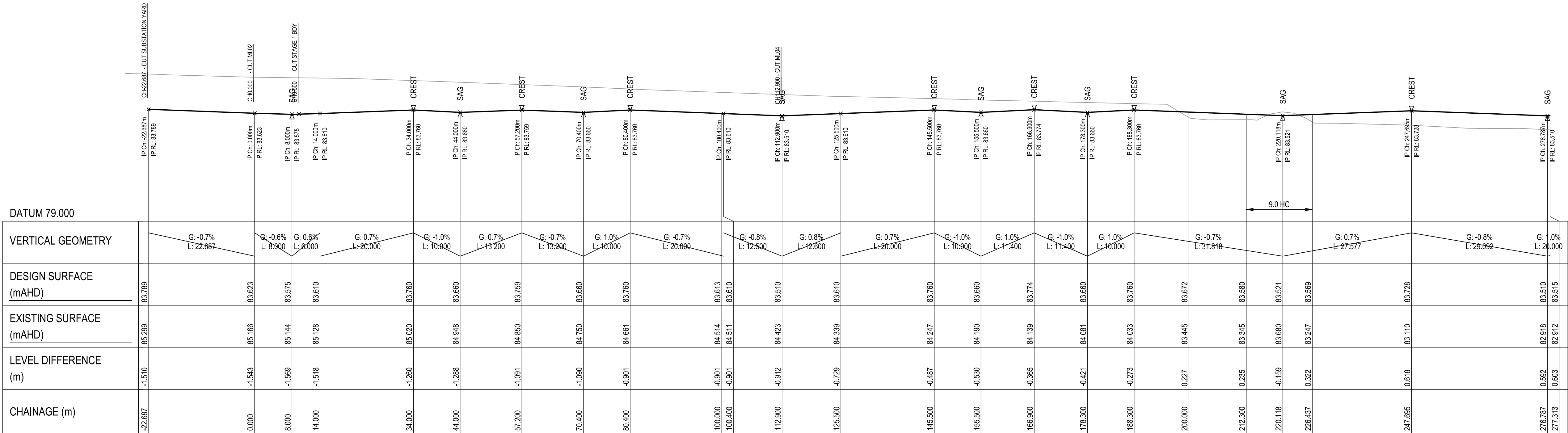
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Drawing Number
S4-CIV-TTW-DRG-SW-0000-6010
Rev
CNC-3

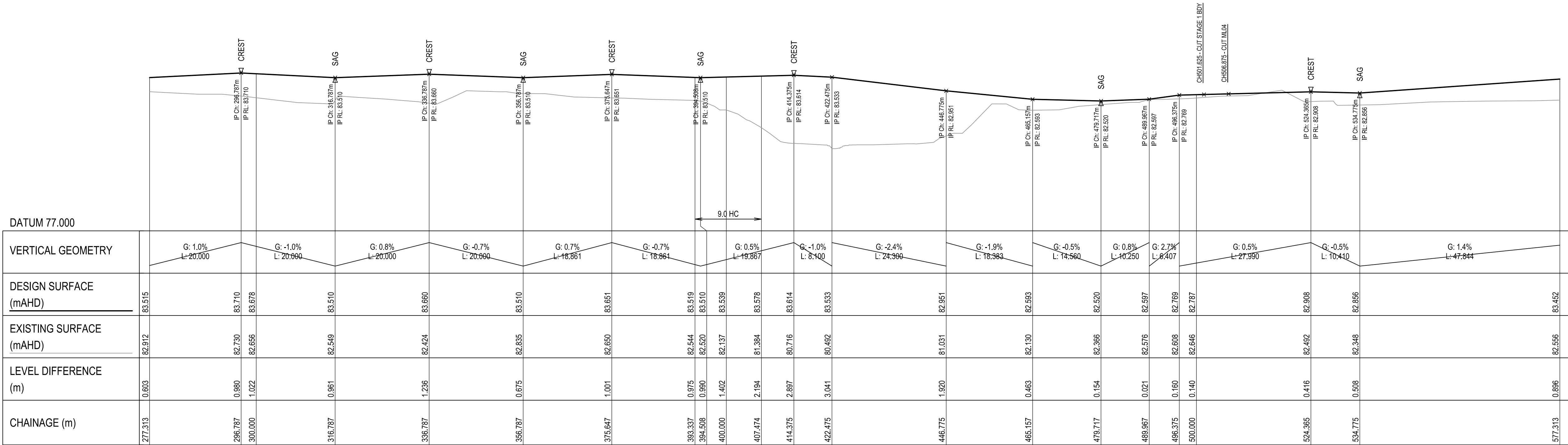
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ALIGNMENT ML03
SCALE - HORIZ. 1:500 VERT. 1:100 AT A1



ALIGNMENT ML03
SCALE - HORIZ. 1:500 VERT. 1:100 AT A1



30.04.2025CNC-3
31.03.2025CNC-2
25.03.2024CNC-1

SSDA SUBMISSION
SSDA SUBMISSION
INITIAL RELEASE

ES
ES
JH

CG
CG
CG

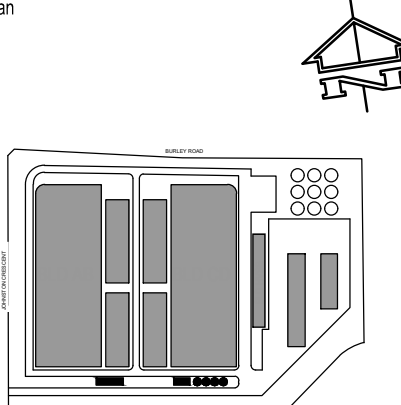
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QA

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2. DO NOT SCALE FROM DRAWINGS
3. CONFIRM ALL MEASUREMENTS ON SITE
4. CHECK ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES
5. ENSURE COORDINATION WITH OTHER TRADES ON SITE
6. ASL = ABOVE SLAB LEVEL

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Document Author Project Number
211085
Key Plan


Site:
S4
Stage:
01
Phase:
01
NEXTDC Project Number:
S4.0002
Project Address
**16 JOHNSTON CRESCENT,
HORSLEY PARK, NSW 2175**

Project Name
NEXTDC S4

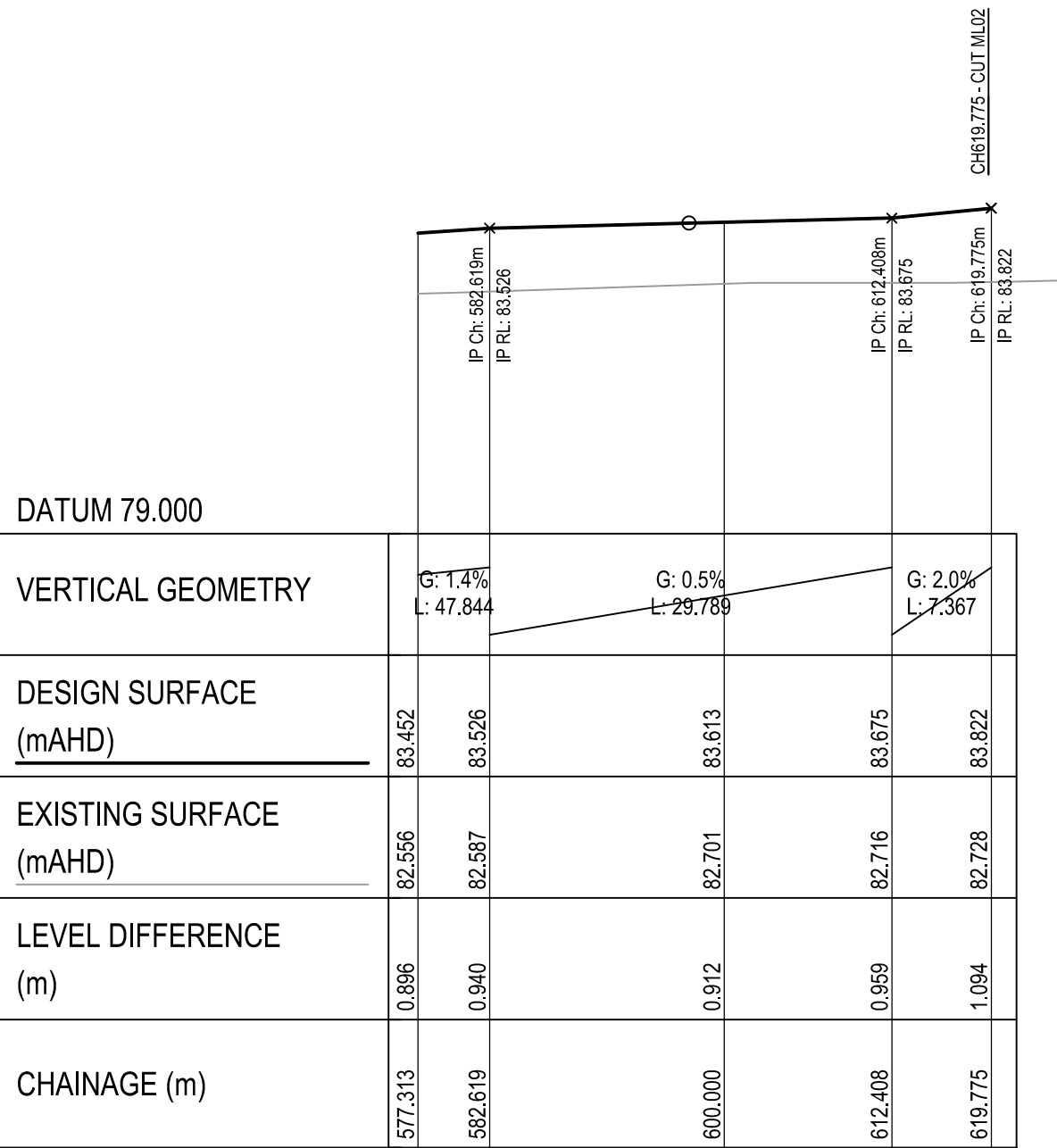
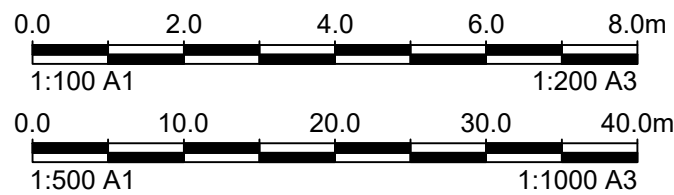
Drawing Title
**ROADWORKS
LONGITUDINAL SECTIONS
SHEET 2**

Drawing Status
**SSDA SUBMISSION
NOT FOR CONSTRUCTION**

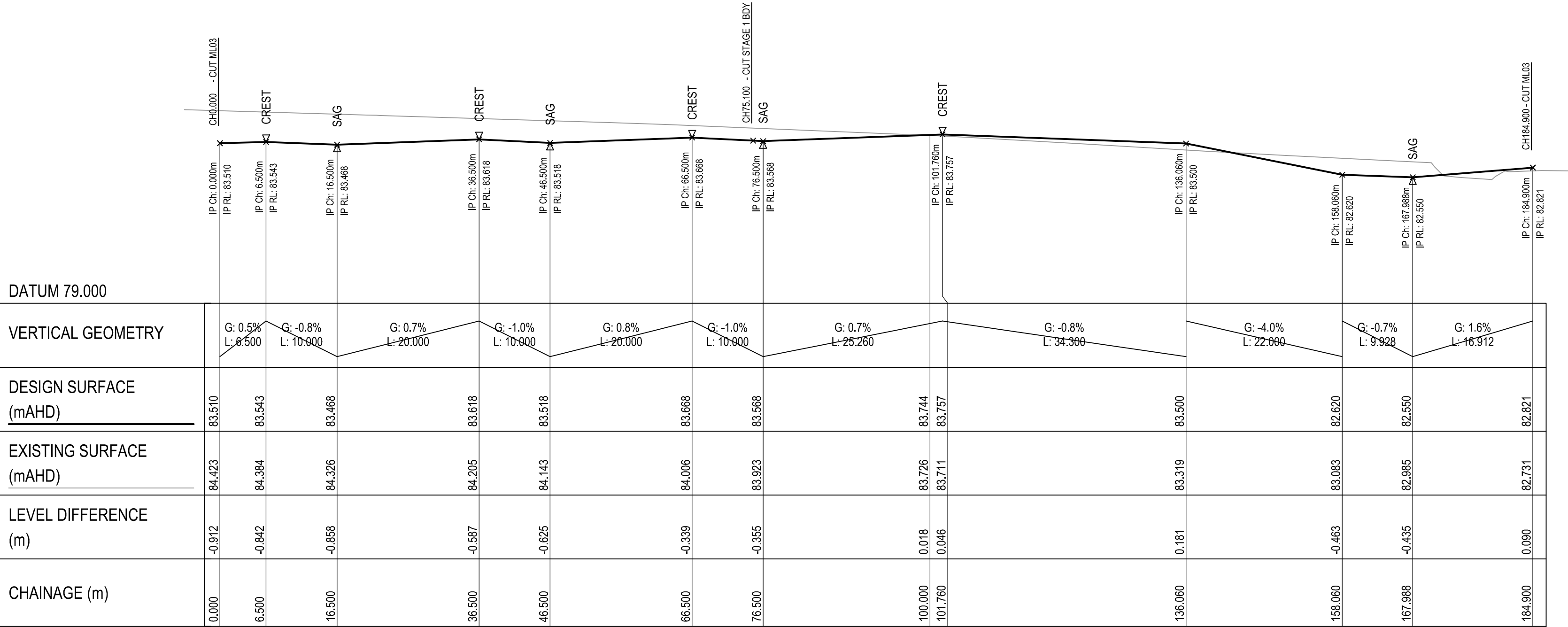
Drawn
JH
Date
30.04.2025
Checked
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Date
30.04.2025
Scale
CG
Sheet
A1
File Name
S4-CIV-TTW-DRG-SW-0000-6011
Drawing Number
S4-CIV-TTW-DRG-SW-0000-6011
Rev
CNC-3

27/01/2005 5:02:26 PM

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ALIGNMENT ML03
SCALE - HORIZ. 1:500 VERT. 1:100 AT A1



ALIGNMENT ML04
SCALE - HORIZ. 1:500 VERT. 1:100 AT A1

30.04.2025	CNC-3	SSDA SUBMISSION	ES	CG	CG
31.03.2025	CNC-2	SSDA SUBMISSION	ES	CG	CG
25.03.2024	CNC-1	INITIAL RELEASE	JH	CG	CG
DATE	No.	REVISION HISTORY	DRW	CHK	QA

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Principal Consultants
Architect

Services

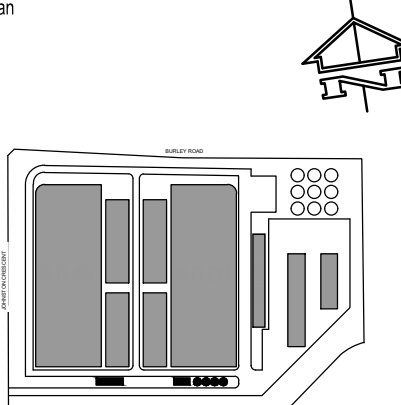
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Document Author Project Number
211085
Key Plan


Site: S4	Stage: 01	Phase: 01
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NEXTDC Project Number:
S4.0002

Project Address
**16 JOHNSTON CRESCENT,
HORSLEY PARK, NSW 2175**

Project Name
NEXTDC S4

Drawing Title
**ROADWORKS
LONGITUDINAL SECTIONS
SHEET 3**

Drawing Status
**SSDA SUBMISSION
NOT FOR CONSTRUCTION**

Drawn JH	Date 30.04.2025
Checked CG	Date 30.04.2025

Scale SHOWN	Sheet A1	File Name S4-CIV-TTW-DRG-SW-0000-6012
Drawing Number S4-CIV-TTW-DRG-SW-0000-6012	Rev CNC-3	