

300443-CENG-S4-001

Regulated Design Record				
Project Address:				
Project Title:				
Consent No:		Body Corporate Reg No:		
Drawing Title:		Drawing No:		
Rev	Date	Description	DP Full Name	Reg No
	dd.mm.yy			

CONCEPT ENGINEERING PLANS OF SITE 4 - CIVIL INFRASTRUCTURE LOT 6 & 7, D.P. 1275478 JERICHO ROAD & BUCHAN AVENUE, EDMONDSON PARK



LOCALITY SKETCH
NOT TO SCALE

INDEX OF DRAWINGS

DRAWING No.	DRAWING NAME
300443-CENG-S4-001	COVER SHEET, LOCALITY SKETCH & INDEX OF DRAWINGS
300443-CENG-S4-002	OVERALL SITE PLAN
300443-CENG-S4-101	GENERAL ARRANGEMENT PLAN - LOWER GROUND
300443-CENG-S4-102	GENERAL ARRANGEMENT PLAN - UPPER GROUND
300443-CENG-S4-201	DRIVEWAY PLAN AND PROFILES
300443-CENG-S4-401	STORMWATER CATCHMENT PLAN
300443-CENG-S4-411	STORMWATER DETAILS - SHEET 1
300443-CENG-S4-412	STORMWATER DETAILS - SHEET 2
300443-CENG-S4-421	WSUD FILTER TANK PLAN & DETAILS
300443-CENG-S4-501	BULK EARTHWORKS PLAN
300443-CENG-S4-511	BULK EARTHWORKS SECTIONS
300443-CENG-S4-601	EROSION & SEDIMENT CONTROL PLAN
300443-CENG-S4-611	EROSION & SEDIMENT CONTROL NOTES



NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES		Hunter Warners Bay N.S.W. 2282 Ph. 02 4978 5100 Central Coast Tuggerah N.S.W. 2259 Ph. 02 4305 4300 Sydney Sydney N.S.W. 2000 Ph. 02 8787 4499 www.adwjohanson.com.au	CLIENT	PROPERTY DESCRIPTION	PROJECT					
A	16/02/26	ISSUED FOR REVIEW	JH	JS	JH	JH				URBAN		PLAN TITLE	SITE 4 - CIVIL INFRASTRUCTURE				
B	26/02/26	ISSUED FOR APPROVAL	JH	JS	JH	JH				PROPERTY		COVER SHEET, LOCALITY SKETCH & INDEX OF DRAWINGS					
ALL DIMENSIONS ARE IN METRES. DO NOT SCALE										SURVEYED ADW Johnson	DATUM GDA2020 M.G.A. ZONE 56 A.H.D.	PROJECT No. 300443	-	DISCIPLINE CENG	-	NUMBER 001	REV. A

100mm AT FULL SIZE
This plan includes coloured information. If you have a black and white copy you do not have all of the information. This note is coloured RED.

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LEGEND

- SITE BOUNDARY
- EXISTING LOT BOUNDARY

ORIGIN OF LEVELS
BENCH MARK
S.S.M. 219384
E 301 780. 458
N 6 239 644. 761
R.L. 63.13 A.H.D.



OVERALL SITE PLAN

SCALE 1:1000

GENERAL NOTES:

GENERAL:

- FOR STANDARD COUNCIL NOTES & DETAILS REFER TO LIVERPOOL COUNCIL STANDARD DRAWINGS.
- SETOUT INFORMATION IS TO BE VERIFIED BY THE CONTRACTOR AGAINST THE PLAN VIEW, LONGITUDINAL SECTIONS, AND ELECTRONIC 12D DATA BEFORE BEING USED. IF THERE IS A DISCREPANCY, THE SUPERINTENDENT IS TO BE NOTIFIED AND DIRECTION WILL BE PROVIDED IN WRITING BEFORE PROCEEDING.
- THE DRAWINGS ARE A DIAGRAMMATIC REPRESENTATION OF THE WORK TO BE CARRIED OUT ONLY, AND DIMENSIONS SHALL NOT BE OBTAINED BY SCALING.
- ALL LEVELS SHALL BE OBTAINED FROM ESTABLISHED BENCHMARKS TO THE AUSTRALIAN HEIGHT DATUM (A.H.D.).
- POINTS OF CONFLICT BETWEEN NEW CONSTRUCTION AND EXISTING UTILITY SERVICE MAINS SHALL BE IDENTIFIED, EXPOSED AND REPORTED TO THE PROJECT MANAGER PRIOR TO CONSTRUCTION. SERVICE CONDUITS SHALL BE LAID IN POSITIONS AS APPROVED BY THE RELEVANT AUTHORITY.
- ALL MATERIALS AND PRODUCTS FOR INSTALLATION AND CONSTRUCTION SHALL COMPLY WITH AUSTRALIAN STANDARDS.
- THE INSPECTION, SUPERVISION AND REPORTING REQUIREMENTS OF A SUITABLY QUALIFIED ECOLOGIST REGARDING THE REMOVAL AND RELOCATION OF ANY THREATENED FAUNA SPECIES SHALL BE UNDERTAKEN AS PER RELEVANT CONDITIONS OF CONSENT.
- ALL DIMENSIONS OF EASEMENTS AND LOTS ARE SUBJECT TO REGISTRATION OF DEPOSITED PLAN.
- WORKING HOURS ON SITE SHALL BE IN ACCORDANCE WITH E.P.A. REQUIREMENTS AND CONDITIONS OF CONSENT.
- VEHICULAR ACCESS AND ALL SERVICES ARE TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION WORKS.
- NO TREES ARE TO BE REMOVED WITHOUT PERMISSION UNLESS OTHERWISE IDENTIFIED IN THE VEGETATION MANAGEMENT PLAN.
- TREES AND OTHER VEGETATION MAY ONLY BE REMOVED FROM THE SITE OF ROAD, DRAINAGE, BUSHFIRE MITIGATION, REGRADING WORKS AND AS SHOWN IN THE CONSTRUCTION CERTIFICATE. AN APPLICATION SHALL BE MADE TO COUNCIL FOR THE REMOVAL OF ANY OTHER TREES.
- TREES AND SHRUBS WHICH ARE FELLED SHALL BE SALVAGED FOR RE-USE, EITHER IN LOG FORM, OR AS A WOODCHIP MULCH FOR EROSION CONTROL AND/OR SITE REHABILITATION. NON-SALVAGEABLE MATERIAL SUCH AS ROOTS AND STUMPS SHALL BE DISPOSED OF IN AN APPROVED MANNER.
- ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE:
 - EROSION AND SEDIMENTATION CONTROL PLAN.
 - CONSTRUCTION MANAGEMENT PLAN.
 - CONDITIONS OF DEVELOPMENT CONSENT.
 - TRAFFIC AND PEDESTRIAN MANAGEMENT PLAN.
 - NOISE AND VIBRATION MANAGEMENT PLAN.
 - ABORIGINAL CULTURAL HERITAGE MANAGEMENT PLAN.
 - ENVIRONMENTAL MANAGEMENT PLAN.
 - CONTAMINATION WORK METHOD STATEMENT.
 - LANDSCAPING MANAGEMENT PLAN.
 - BUSHFIRE MANAGEMENT PLAN.
- ALL REASONABLE MEASURES SHALL BE UNDERTAKEN TO PROTECT ALL OTHER VEGETATION ON THE SITE AND ON ADJOINING LANDS FROM DAMAGE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO:
 - CLEARLY MARKING TREES TO REMAIN;
 - AVOIDING COMPACTION OF GROUND AROUND TREES TO REMAIN;
 - CLEARLY DELINEATING THE AREA OF DISTURBANCE, AND KEEPING ALL VEHICLES, CONSTRUCTION MATERIALS AND REFUSE WITHIN THAT AREA;
 - LIMITING THE NUMBER OF ACCESS POINTS;
 - LAY-DOWN AREAS ARE TO BE LOCATED WITHIN ROAD CORRIDORS OR OTHER CLEARED AREAS IDENTIFIED IN THE CMP;
 - ACTIVITIES THAT RESULT IN HIGH SOIL COMPACTION SHALL NOT BE CARRIED OUT WITHIN THE VICINITY OF VEGETATION TO BE RETAINED;
 - VEGETATION TO BE RETAINED IS TO BE CLEARLY MARKED AND SIGNPOSTED TO ENSURE THAT IT IS NOT REMOVED OR DAMAGED;
 - A PERIMETER FENCE SHALL BE PROVIDED AROUND THE PROTECTED TREE BUFFER AREAS DURING CONSTRUCTION;

TRAFFIC CONTROL:

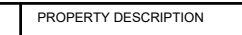
- TRAFFIC CONTROL MEASURES TO BE IN ACCORDANCE WITH AS1742.

SURVEY MARKS:

- SURVEY MARKS ARE TO BE CAREFULLY PRESERVED BY THE CONTRACTOR. DAMAGED DESTROYED OR LOST MARKS WILL BE REPLACED BY THE SUPERVISING SURVEYOR AT THE CONTRACTOR'S EXPENSE.



NOT FOR CONSTRUCTION

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A	16/02/26	ISSUED FOR REVIEW	JH	JH	JH	JH	 ALL DIMENSIONS ARE IN METRES. DO NOT SCALE			LOT 6 & 7, D.P. 1275478 JERICO ROAD & BUCHAN AVENUE, EDMONDSON PARK		SITE 4 - CIVIL INFASCTURE			
B	26/02/26	ISSUED FOR APPROVAL	JH	JS	JH	JH						OVERALL SITE PLAN			
									SURVEYED ADW Johnson	DATUM GDA2020 M.G.A. ZONE 56 A.H.D.	PROJECT No. 300443	DISCIPLINE CENG	NUMBER 002	REV. A	

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LEGEND	
	SITE BOUNDARY
	EXISTING LOT BOUNDARY
	DESIGN CONTOURS
	NATURAL CONTOURS
	PROPOSED KERB
	EXISTING KERB
	PROPOSED STORMWATER
	PROPOSED SEWER
	PROPOSED WATER
	PROPOSED GAS
	PROPOSED ELECTRICITY
	PROPOSED NBN
	PROPOSED COMMS
	PROPOSED TELSTRA
	PROPOSED OPTIC FIBRE
	EXISTING STORMWATER
	PROPOSED SW PIT
	PROPOSED HEADWALL
	PROPOSED GPT

GENERAL NOTES:

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- FOR DRIVEWAY PLAN, NOTES AND DETAILS REFER SHEET **201**.
FOR STORMWATER CATCHMENT PLAN, NOTES AND DETAILS REFER TO SHEETS **401 TO 421**.
FOR BULK EARTHWORKS PLAN, NOTES AND SECTIONS REFER SHEETS **601 TO 611**.
FOR EROSION & SEDIMENT CONTROL NOTES AND DETAILS REFER TO SHEETS **601 TO 611**.
-

Schedule of Easements & Restrictions	
No	Description
(A)	EASEMENT FOR PADMOUNT SUBSTATION 5.5 WIDE (DP1275478)
(BB)	RESTRICTION ON THE USE OF LAND (DP1275478)
(CC)	RESTRICTION ON THE USE OF LAND (DP1275478)

REV.	DATE	AMENDMENT
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B	26/02/26	ISSUED FOR APPROVAL

DESIGN	DRAWN	CHECKED	APPROVED
JH	JS	JH	JH

SCALES

A1 1:200 0 5.0 10.0m A3 1:400

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Hunter
Warners Bay N.S.W. 2282
Ph. 02 4978 5100
Central Coast
Tuggerah N.S.W. 2259
Ph. 02 4305 4300
Sydney
Sydney N.S.W. 2000
Ph. 02 8787 4499
www.adwjohnson.com.au

CLIENT

URBAN
PROPERTY

PROPERTY DESCRIPTION

LOT 6 & 7, D.P. 1275478
JERICHO ROAD & BUCHAN AVENUE,
EDMONDSON PARK

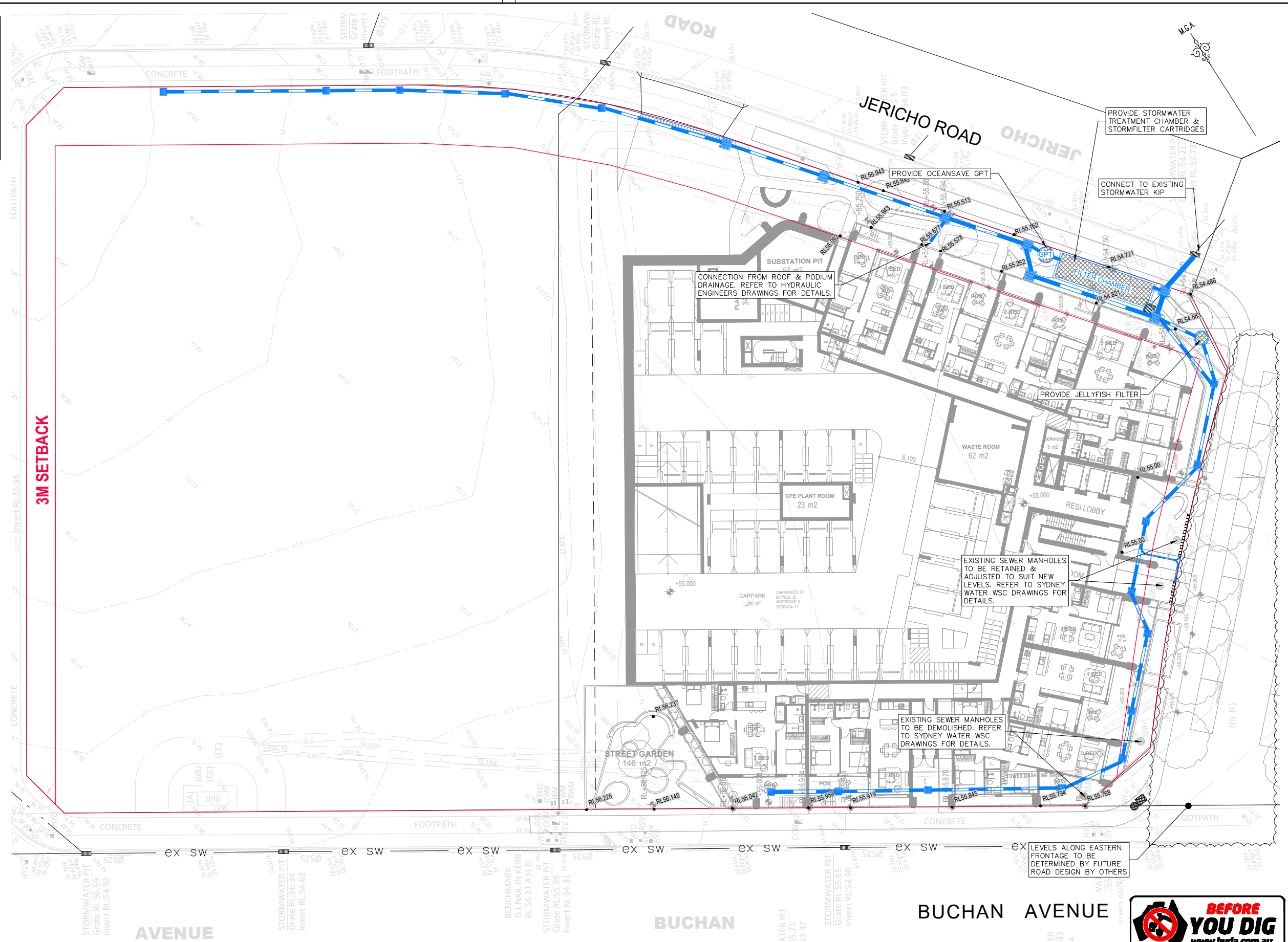
SURVEYED
ADW JohnsonDATUM
GDA2020 M.G.A. ZONE 56 A.H.D.

PROJECT

SITE 4 - CIVIL INFRASTRUCTURE

PLAN TITLE

GENERAL ARRANGEMENT PLAN
LOWER GROUND

PROJECT No.
300443DISCIPLINE
CENGNUMBER
101REV.
A

NOT FOR CONSTRUCTION

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LEGEND

—

SITE BOUNDARY

—

EXISTING LOT BOUNDARY

—

DESIGN CONTOURS

—

NATURAL CONTOURS

—

PROPOSED KERB

—

EXISTING KERB

— SW

PROPOSED STORMWATER

—

PROPOSED CULVERT

S

PROPOSED SEWER

W

PROPOSED WATER

G

PROPOSED GAS

E

PROPOSED ELECTRICITY

NBN

PROPOSED NBN

C

PROPOSED COMMS

T

PROPOSED TELSTRA

OF

PROPOSED OPTIC FIBRE

ex SW

EXISTING STORMWATER

PROPOSED SW PIT

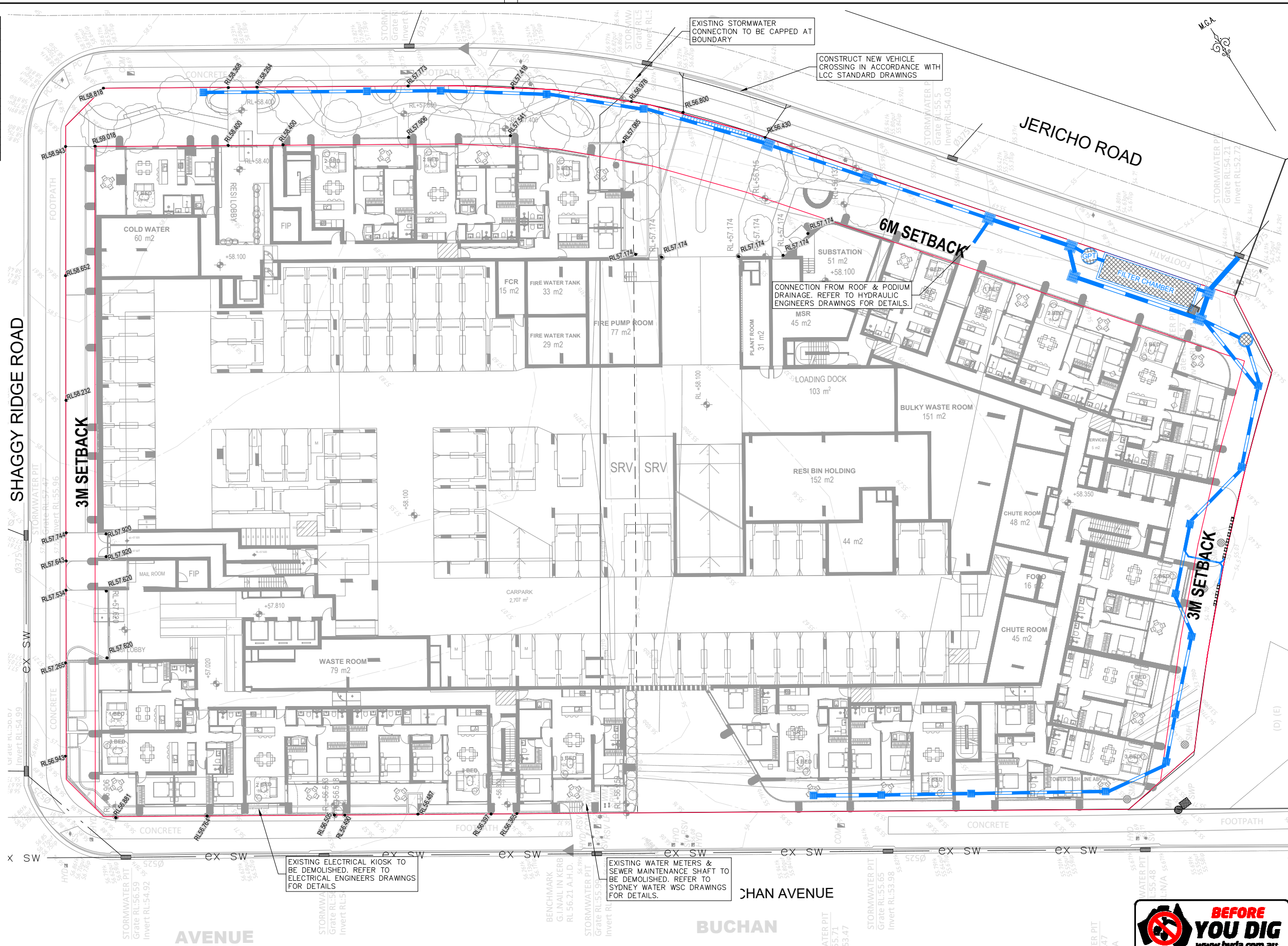
PROPOSED HEADWALL

PROPOSED GPT

CONTOUR INTERVAL = 0.2m

GENERAL NOTES:

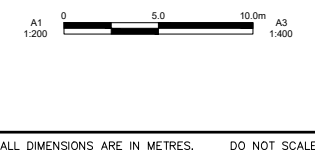
1. FOR GENERAL ARRANGEMENT NOTES REFER SHEET 101.



GENERAL ARRANGEMENT PLAN

SCALE 1:200

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES
A	16/02/26	ISSUED FOR REVIEW	JH	JS	JH	JH	A1 1:200
B	26/02/26	ISSUED FOR APPROVAL	JH	JS	JH	JH	A3 1:400



Hunter
Warners Bay N.S.W. 2282
Ph. 02 4978 5100
Central Coast
Tuggerah N.S.W. 2259
Ph. 02 4305 4300
Sydney
Sydney N.S.W. 2000
Ph. 02 8787 4499
www.adwjohnson.com.au

CLIENT

PROPERTY DESCRIPTION

LOT 6 & 7, D.P. 1275478
JERICHO ROAD & BUCHAN AVENUE,
EDMONDSON PARK

SURVEYED

ADW Johnson

DATUM

GDA2020 M.G.A. ZONE 56 A.H.D.

PROJECT

SITE 4 - CIVIL INFRASTRUCTURE

PLAN TITLE

GENERAL ARRANGEMENT PLAN
UPPER GROUND

PROJECT No.

300443

DISCIPLINE

CENG

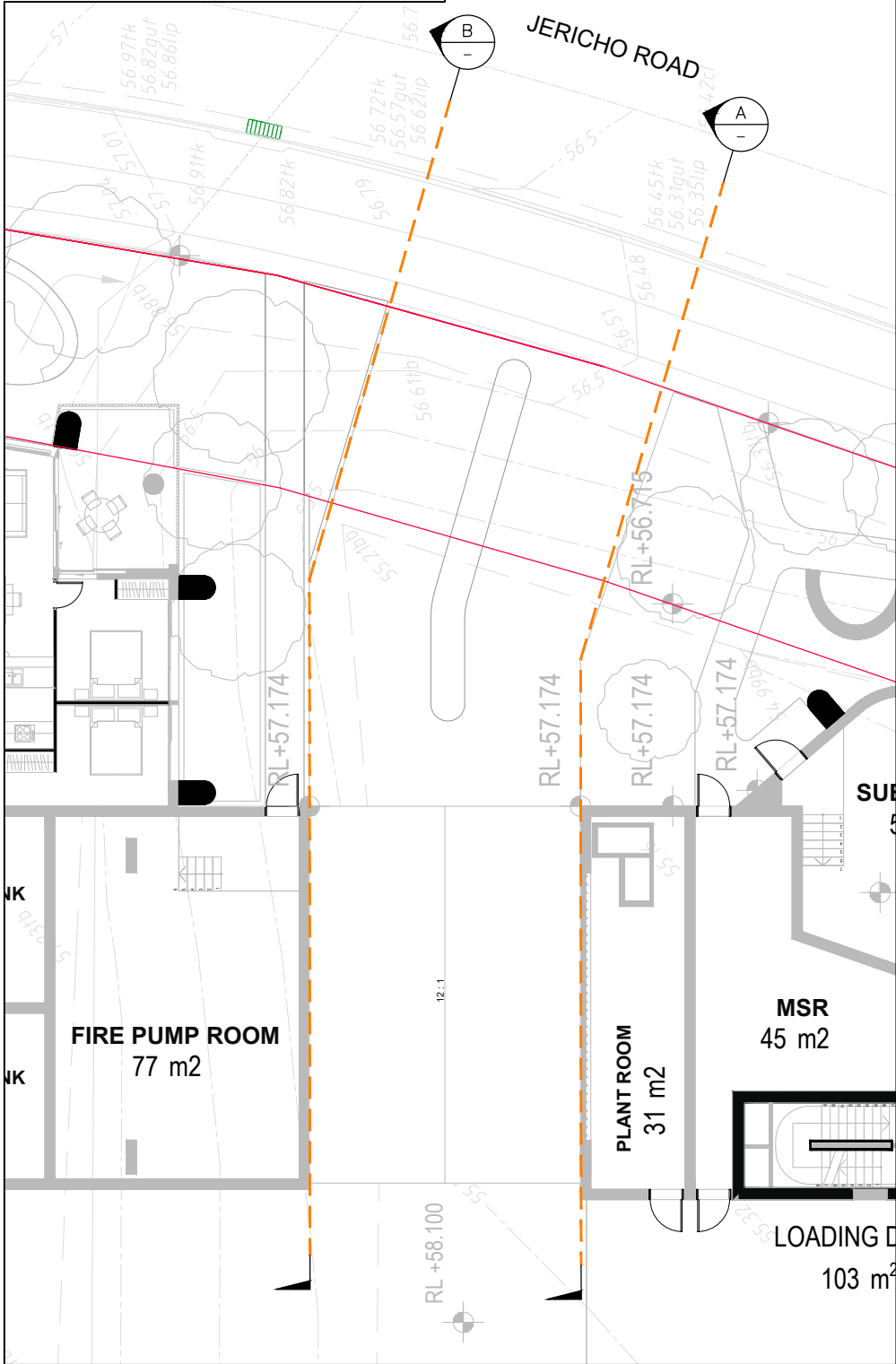
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102

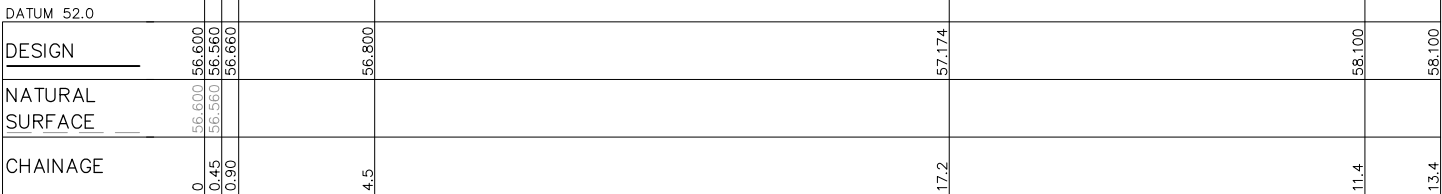
REV.

A

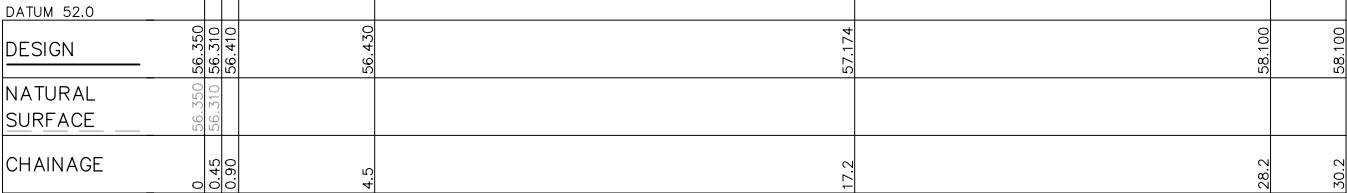
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dd.mm.yy				



DRIVEWAY PLAN
SCALE 1:100



DRIVEWAY SECTION B
HORIZONTAL SCALE 1:10
VERTICAL SCALE 1:10



DRIVEWAY SECTION A
HORIZONTAL SCALE 1:10
VERTICAL SCALE 1:10

LEGEND

SITE BOUNDARY

STAGE BOUNDARY

PROPOSED LOT BOUNDARY

EXISTING LOT BOUNDARY

FUTURE LOT BOUNDARY

PROPOSED SA KERB

PROPOSED RT KERB

PROPOSED FK KERB

PROPOSED SM KERB

PROPOSED DD KERB

FUTURE KERB

EXISTING KERB

PROPOSED FOOTPATH

ROAD PAVEMENT

PROPOSED GUARDRAIL

LIMIT OF WORKS

PROPOSED SW PIT

PROPOSED HEADWALL

PROPOSED GPT

GENERAL NOTES:

1. FOR GENERAL ARRANGEMENT NOTES REFER SHEET 101.

8.8

1.5

5

MRV – Vertical Clearance

Overall Length

Overall Width

Overall Body Height

Min Body Ground Clearance

Track Width

Lock-to-lock time

Curb to Curb Turning Radius

8.800m

2.500m

4.500m

0.150m

2.500m

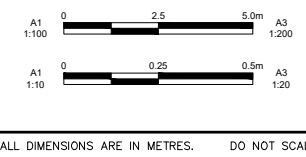
4.00s

10.000m



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A	16/02/26	ISSUED FOR REVIEW	JH	JS	JH	JH	
B	26/02/26	ISSUED FOR APPROVAL	JH	JS	JH	JH	



adw

Johnson

Hunter
Warners Bay N.S.W. 2282
Ph. 02 4978 5100
Central Coast
Tuggerah N.S.W. 2259
Ph. 02 4305 4300
Sydney
Sydney N.S.W. 2000
Ph. 02 8787 4499
www.adwjohanson.com.au

CLIENT

URBAN
PROPERTY

PROPERTY DESCRIPTION

LOT 6 & 7, D.P. 1275478
JERICHO ROAD & BUCHAN AVENUE,
EDMONDSON PARK

SURVEYED
ADW Johnson

DATUM
GDA2020 M.G.A. ZONE 56 A.H.D.

PROJECT		SITE 4 - CIVIL INFRASTRUCTURE		
PLAN TITLE		DRIVEWAY PLAN AND PROFILES		
PROJECT No.	DISCIPLINE	NUMBER	REV.	
300443	CENG	201	A	

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Rev	Date	Description	DP Full Name	Reg No
	dd.mm.yy			

LEGEND

STORMWATER CATCHMENT

EXISTING STORMWATER CATCHMENT

PROPOSED STORMWATER

PROPOSED CULVERT

EX SW

EXISTING STORMWATER

FSW

FUTURE STORMWATER

PROPOSED LINTEL

PROPOSED SW PIT

PROPOSED HEADWALL

PROPOSED GPT

5/3

PROPOSED STORMWATER PIT LABEL

5/3

EXISTING STORMWATER PIT LABEL

5/3

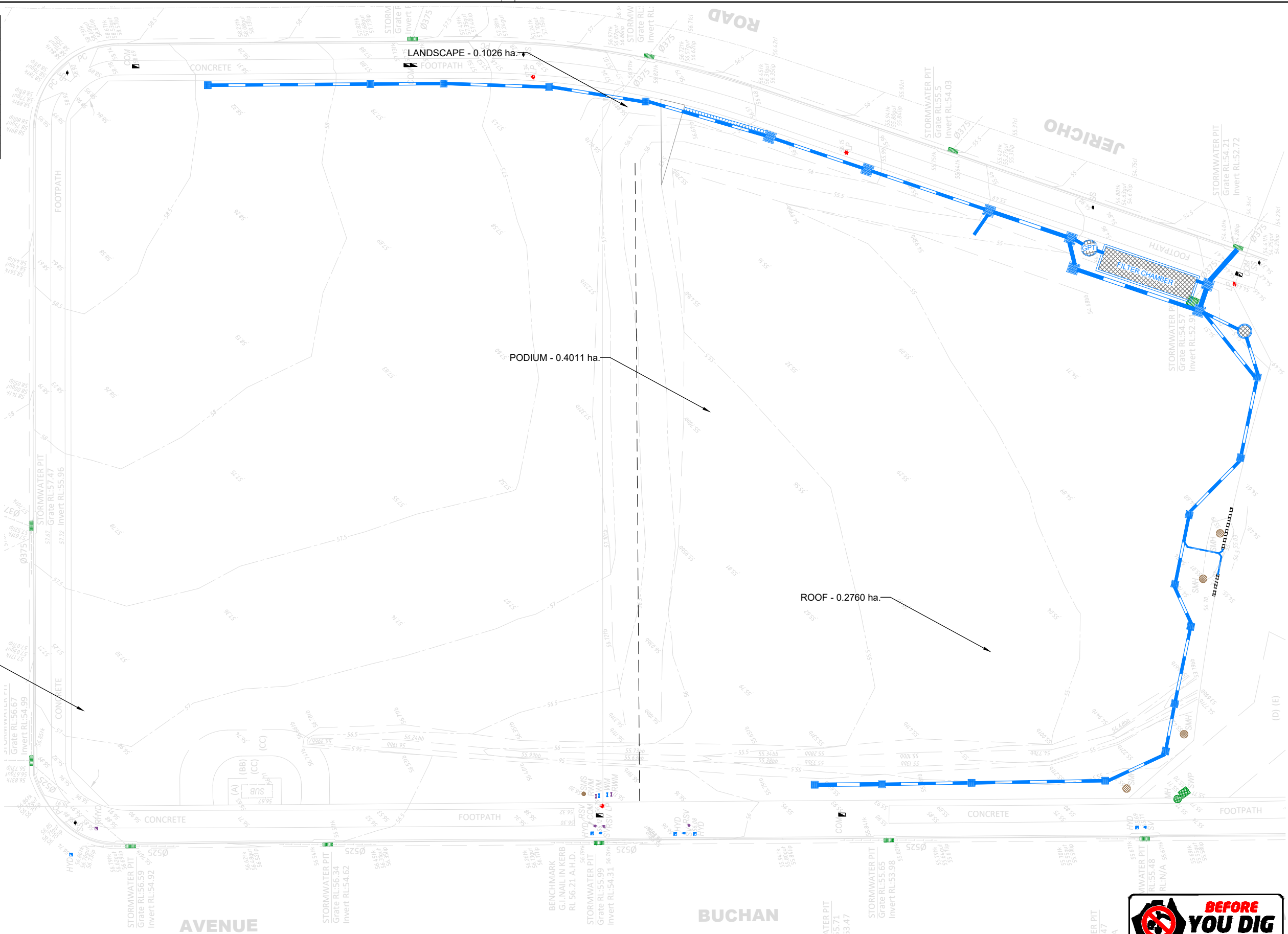
FUTURE STORMWATER PIT LABEL

136

CATCHMENT REFERENCE

0.0332ha

CATCHMENT AREA



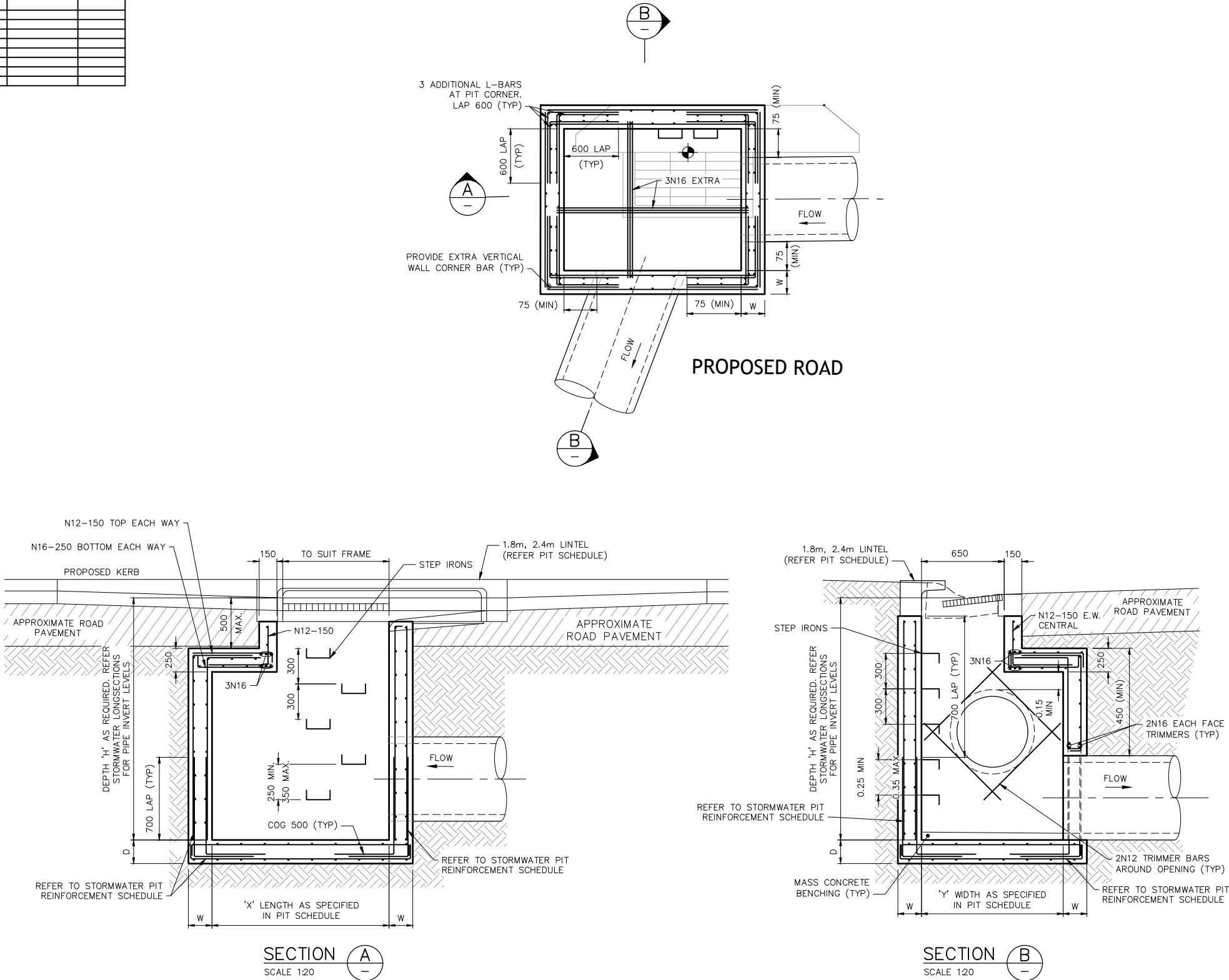
STORMWATER CATCHMENT PLAN
SCALE 1:200



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A	16/02/26	ISSUED FOR REVIEW	JH	JS	JH	JH	A1 1:500	LOT 6 & 7, D.P. 1275478 JERICHO ROAD & BUCHAN AVENUE, EDMONDSON PARK			SITE 4 - CIVIL INFRASTRUCTURE		
B	26/02/26	ISSUED FOR APPROVAL	JH	JS	JH	JH	A3 1:1000				STORMWATER CATCHMENT PLAN		
ALL DIMENSIONS ARE IN METRES. DO NOT SCALE								SURVEYED ADW Johnson			PROJECT No. 300443	DISCIPLINE CENG	NUMBER 401
								DATUM GDA2020 M.G.A. ZONE 56 A.H.D.			REV. A		

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- GENERAL NOTES:
1. FOR STORMWATER SETOUT REFER LS.
 2. ALL STORMWATER PITS DEEPER THAN **1.2m** TO HAVE STEP IRONS.
 3. PRECAST PITS TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATION.
 4. ALL INTERALLOTMENT DRAINAGE PITS TO BE PROVIDED WITH HINGED, LOCKABLE GRATES.
 5. ALL INTERALLOTMENT DRAINAGE PITS DEEPER THAN **1.8m** TO BE DESIGNED BY A SUITABLY QUALIFIED STRUCTURAL ENGINEER.
 6. ALL CONCRETE STORMWATER DRAINAGE PIPES ARE TO BE RUBBER RING JOINTED REINFORCED CONCRETE PIPES (R.C.P.) OR APPROVED EQUIVALENT AND CONSTRUCTED IN ACCORDANCE WITH COUNCIL REQUIREMENTS.
 7. ALL BOX CULVERTS TO BE PRECAST WITH PRECAST SLABS.
 8. ALL INTERALLOTMENT DRAINAGE TO BE SEWER GRADE UPVC (UNLESS OTHERWISE SHOWN) OR AN APPROVED EQUIVALENT. THE MINIMUM SLOPE OF INTERALLOTMENT DRAINAGE LINES SHALL BE 1% UNLESS SHOWN OTHERWISE. THE INTERALLOTMENT DRAINAGE UNLESS SHOWN OTHERWISE, LINE SHALL BE A MINIMUM OF 0.75m FROM THE BOUNDARY AND LOCATED IN AN EASEMENT 2.0m WIDE.
 9. ALL PITS TO BE BENCHED AND STREAMLINED.

KERB INLET PIT DETAIL
N.T.S.



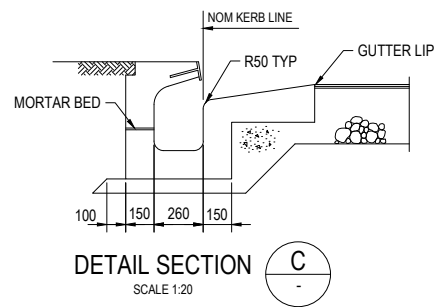
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												SURVEYED ADW Johnson	DATUM GDA2020 M.G.A. ZONE 56 A.H.D.	PROJECT No. 300443	DISCIPLINE CENG

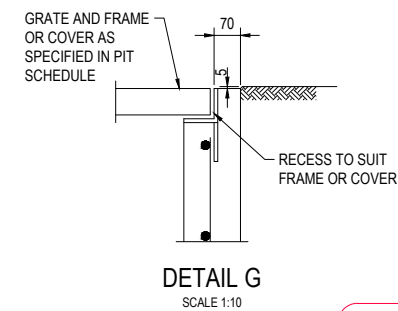
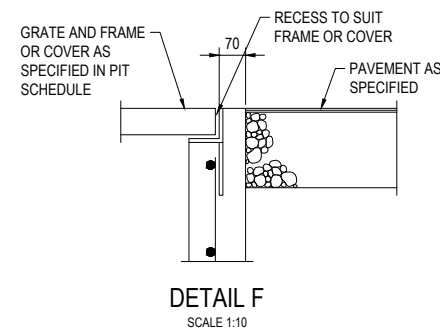
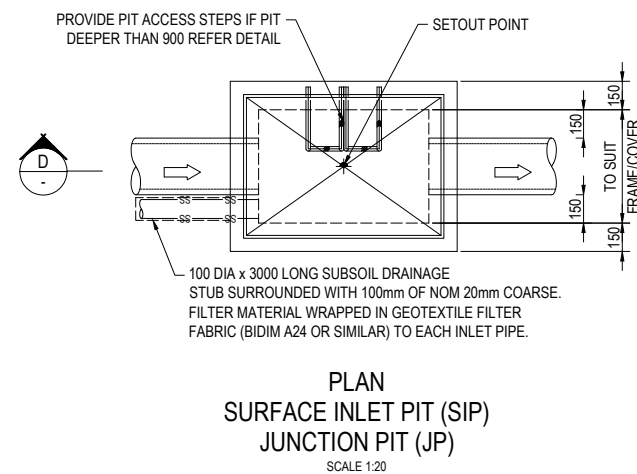
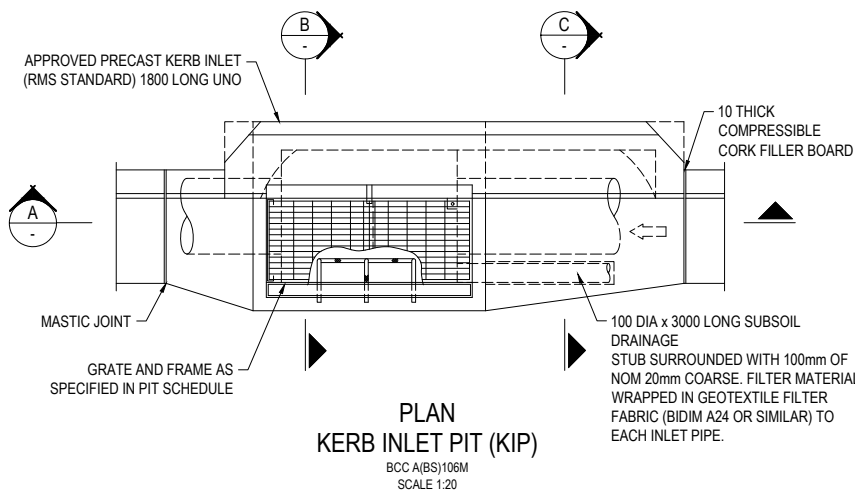
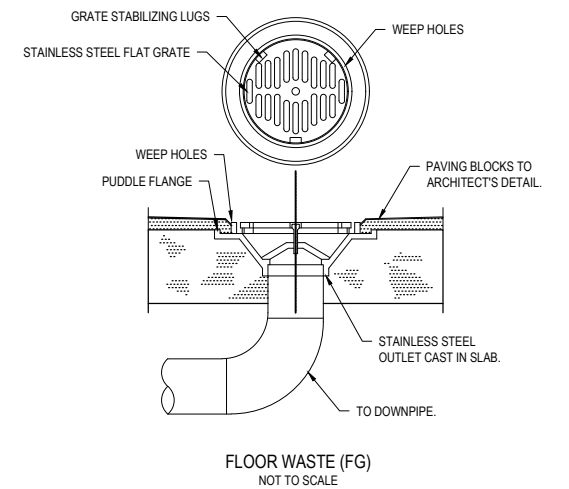
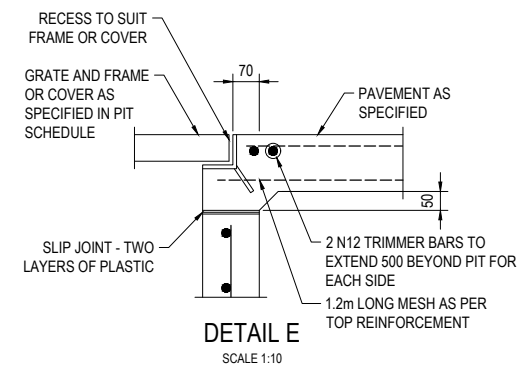
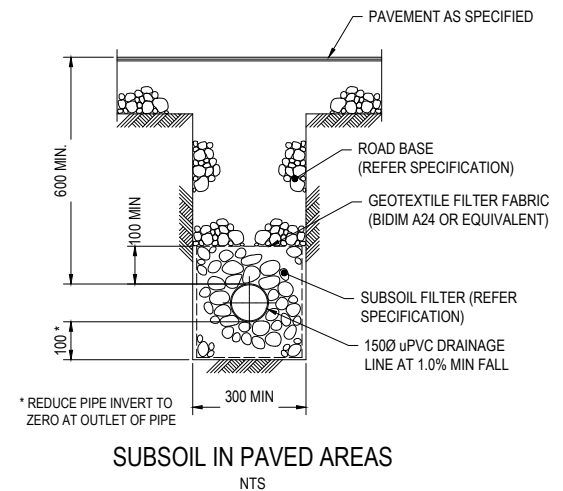
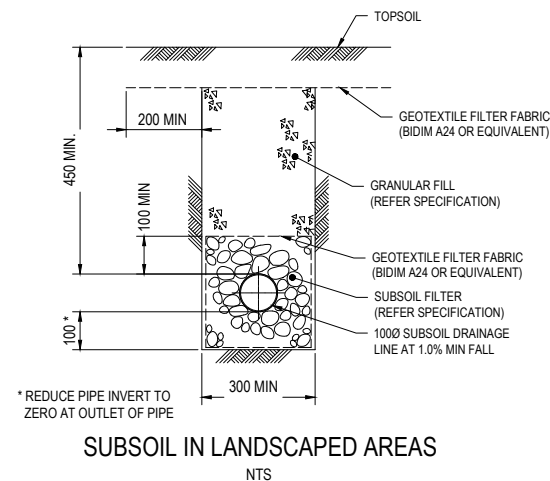
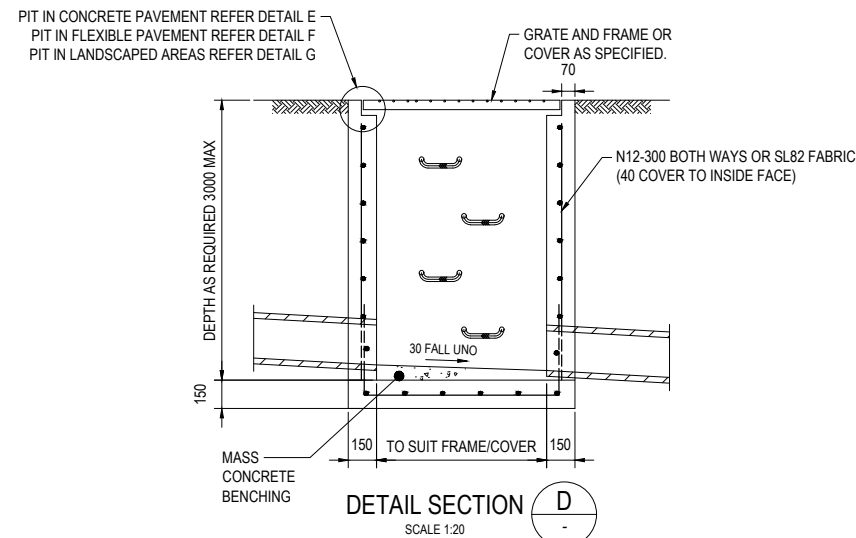
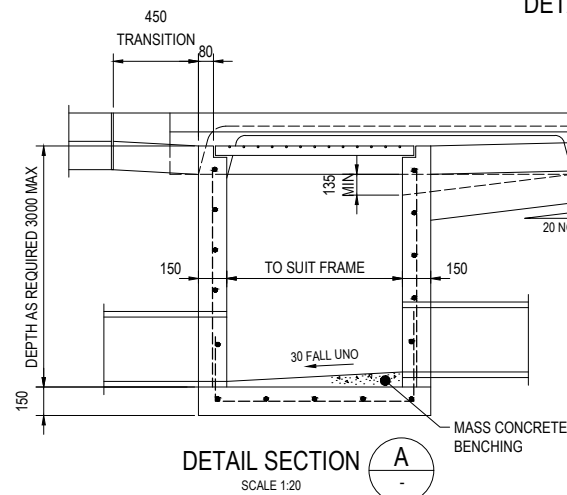
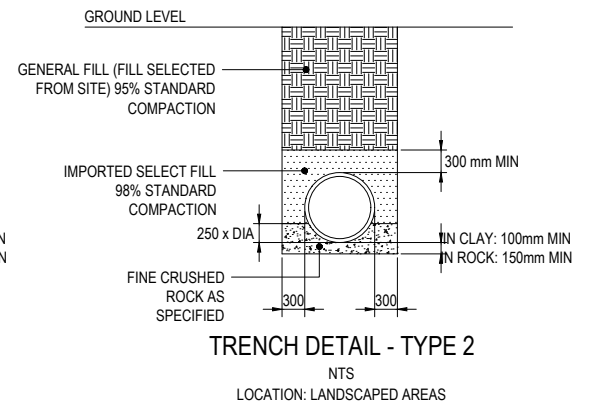
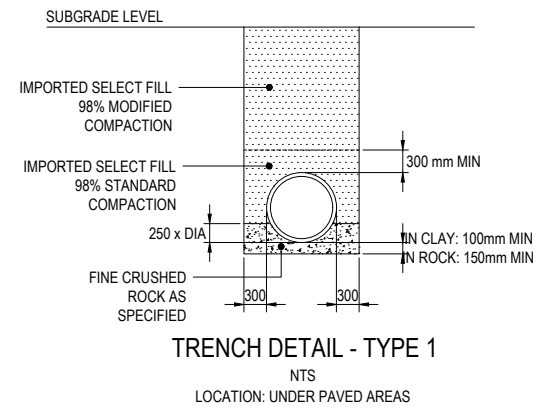
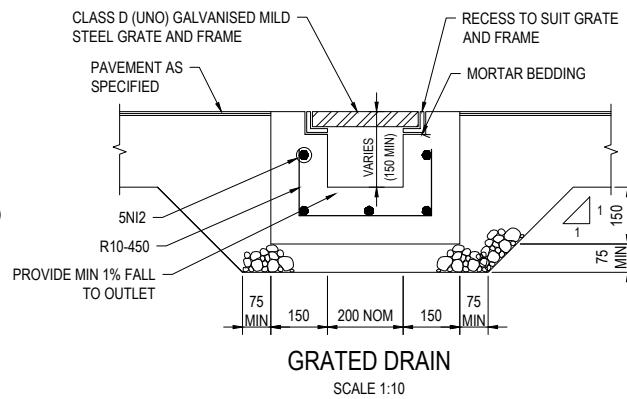
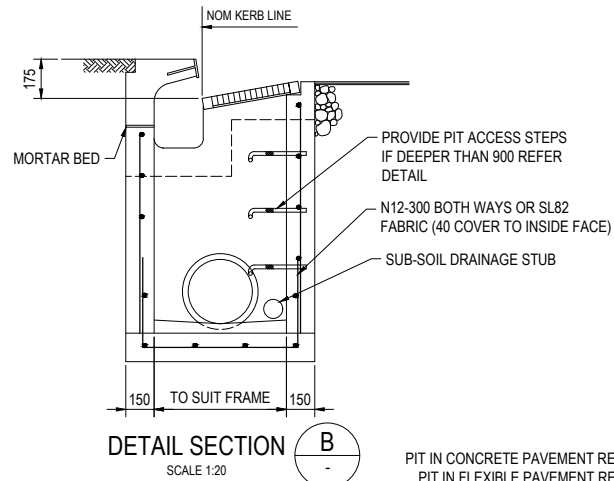
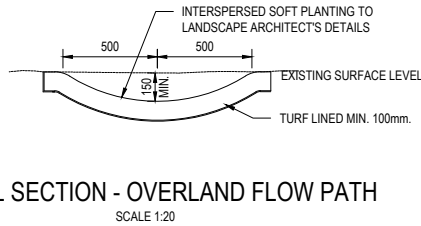
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Project Address:					
Project Title:					
Consent No:			Body Corporate Reg No:		
Drawing Title:			Drawing No:		
Rev	Date	Description	DP Full Name	Reg No	
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GENERAL NOTES:

- FOR STORMWATER SETOUT REFER LS.
- ALL STORMWATER PITS DEEPER THAN **1.2m** TO HAVE STEP IRONS.
- PRECAST PITS TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATION.
- ALL INTERLOTMENT DRAINAGE PITS TO BE PROVIDED WITH HINGED, LOCKABLE GRATES.
- ALL INTERLOTMENT DRAINAGE PITS DEEPER THAN **1.8m** TO BE DESIGNED BY A SUITABLY QUALIFIED STRUCTURAL ENGINEER.
- ALL CONCRETE STORMWATER DRAINAGE PIPES ARE TO BE RUBBER RING JOINTED REINFORCED CONCRETE PIPES (R.C.P.) OR APPROVED EQUIVALENT AND CONSTRUCTED IN ACCORDANCE WITH COUNCIL REQUIREMENTS.
- ALL BOX CULVERTS TO BE PRECAST WITH PRECAST SLABS.
- ALL INTERLOTMENT DRAINAGE TO BE SEWER GRADE UPVC (UNLESS OTHERWISE SHOWN) OR AN APPROVED EQUIVALENT. THE MINIMUM SLOPE OF INTERLOTMENT DRAINAGE LINES SHALL BE 1% UNLESS SHOWN OTHERWISE. THE INTERLOTMENT DRAINAGE UNLESS SHOWN OTHERWISE, LINE SHALL BE A MINIMUM OF 0.75m FROM THE BOUNDARY AND LOCATED IN AN EASEMENT 2.0m WIDE.
- ALL PITS TO BE BENCHED AND STREAMLINED.

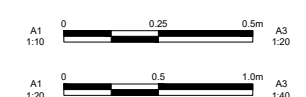


TYPICAL SECTION - OVERLAND FLOW PATH



NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES
A	16/02/26	ISSUED FOR REVIEW	JH	JS	JH	JH	A1 1:10
B	26/02/26	ISSUED FOR APPROVAL	JH	JS	JH	JH	A1 1:20



ALL DIMENSIONS ARE IN METRES. DO NOT SCALE



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Ph. 02 4978 5100
Central Coast
Tuggerah N.S.W. 2259
Ph. 02 4305 4300
Sydney
Sydney N.S.W. 2000
Ph. 02 8787 4499
www.adwjohnson.com.au

CLIENT

URBAN
PROPERTY

PROPERTY DESCRIPTION

LOT 6 & 7, D.P. 1275478
JERICHO ROAD & BUCHAN AVENUE,
EDMONDSON PARK

SURVEYED
ADW Johnson

DATUM
GDA2020 M.G.A. ZONE 56 A.H.D.

PROJECT

SITE 4 - CIVIL INFRASTRUCTURE

PLAN TITLE

STORMWATER DETAILS

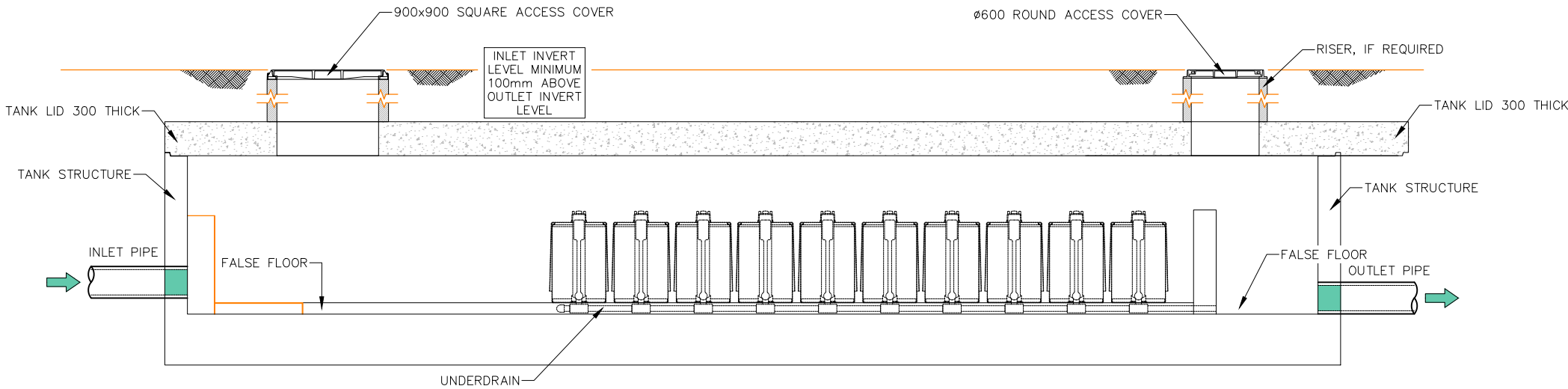
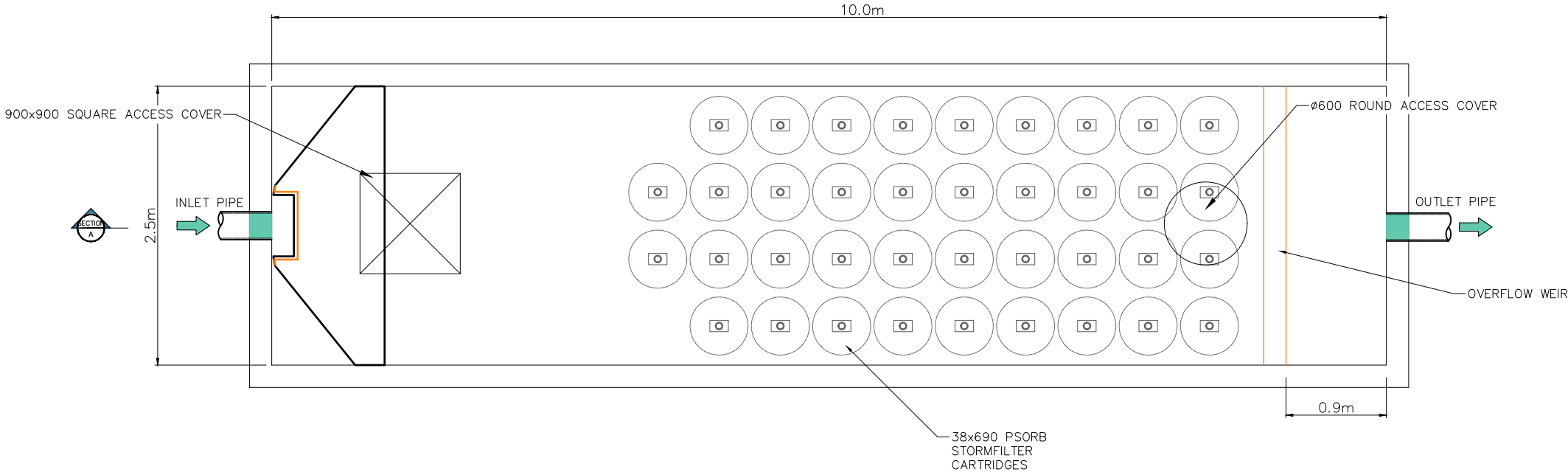
PROJECT No.
300443

DISCIPLINE
CENG

NUMBER
412

REV.
A

Regulated Design Record				
Project Address:				
Project Title:				
Consent No:		Body Corporate Reg No:		
Drawing Title:		Drawing No:		
Rev	Date dd.mm.yy	Description	DP Full Name	Reg No



SECTION A

WSUD FILTER TANK PLAN
SCALE 1:25



NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES		Hunter Warners Bay N.S.W. 2282 Ph. 02 4978 5100 Central Coast Tuggerah N.S.W. 2259 Ph. 02 4305 4300 Sydney Sydney N.S.W. 2000 Ph. 02 8787 4499 www.adwjohanson.com.au	CLIENT	PROPERTY DESCRIPTION	PROJECT					
A	16/02/26	ISSUED FOR REVIEW	JH	JS	JH	JH				URBAN	LOT 6 & 7, D.P. 1275478 JERICHO ROAD & BUCHAN AVENUE, EDMONDSON PARK	PLAN TITLE	SITE 4 - CIVIL INFRASTRUCTURE				
B	26/02/26	ISSUED FOR APPROVAL	JH	JS	JH	JH	ALL DIMENSIONS ARE IN METRES. DO NOT SCALE <th>PROPERTY</th> <th></th> <th>WSUD FILTER TANK PLAN & DETAILS</th> <th>PROJECT No.</th> <th>DISCIPLINE</th> <th>NUMBER</th> <th>REV.</th>			PROPERTY			WSUD FILTER TANK PLAN & DETAILS	PROJECT No.	DISCIPLINE	NUMBER	REV.
										ADW Johnson	GDA2020 M.G.A. ZONE 56 A.H.D.	300443	-	CENG	-	421	A

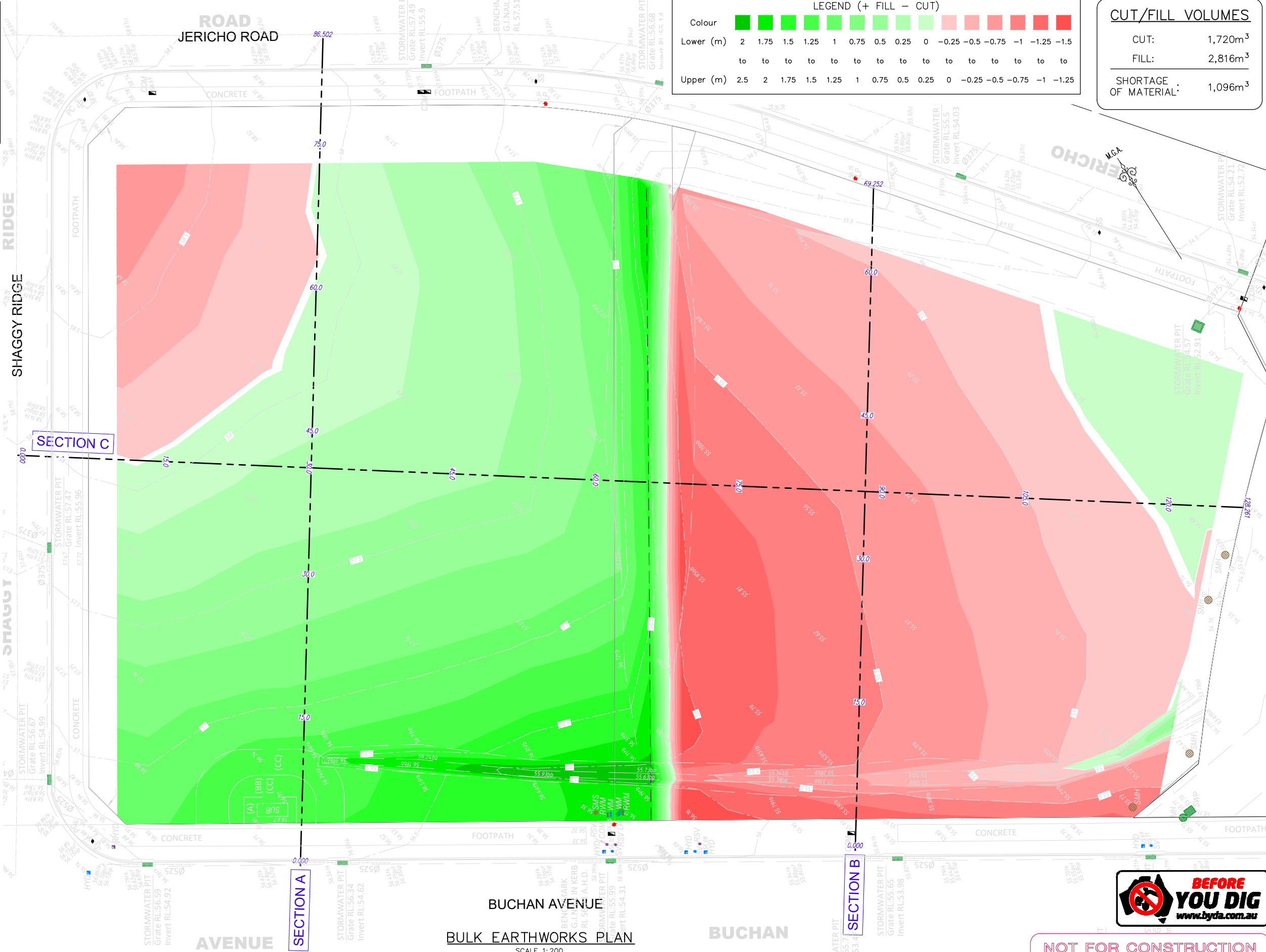
Regulated Design Record				
Project Address:				
Project Title:				
Consent No:		Body Corporate Reg No:		
Drawing Title:		Drawing No:		
Rev	Date	Description	DP Full Name	Reg No
	dd.mm.yy			

LEGEND				
	SITE BOUNDARY		STAGE BOUNDARY	
	PROPOSED LOT BOUNDARY		EXISTING LOT BOUNDARY	
	FUTURE LOT BOUNDARY		DESIGN CONTOURS	
	NATURAL CONTOURS		PROPOSED KERB	
	EXTENTS OF BATTER		PROPOSED RETAINING WALL	

CONTOUR INTERVAL = 0.2m

GENERAL NOTES:

- CUT/FILL CALCULATIONS BASED EARTHWORKS VOLUMES BETWEEN **NATURAL SURFACE (SUPER NS)** & **DESIGN (SUPER DESIGN)**.
- ORGANIC MATERIAL, E.G. LOGS, BRANCHES, STUMPS ETC., ARE TO BE STOCKPILED AND MULCHED ONSITE UNLESS OTHERWISE NOTED, AND NOT INCORPORATED INTO WORKS
- ROCKS EXCAVATED AS PART OF BULK EARTHWORKS ARE TO BE CRUSHED SUCH THAT NO INDIVIDUAL ROCK IS IN EXCESS OF 50mm IN ANY DIRECTION
- ALL TOPSOIL AND UNSUITABLE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF EXCESS MATERIAL FROM ROAD EXCAVATION IN ACCORDANCE WITH DIRECTIONS FROM GEOTECHNICAL ENGINEER.
- MAXIMUM NOMINATED THICKNESS OF FILL LAYER
 - 150mm IN ROAD RESERVE AREAS
 - 300mm IN OTHER AREAS
- MINIMUM NOMINATED COMPACTION OF FILL
 - 98% STANDARD IN ROAD RESERVE AREAS
 - 95% STANDARD IN OTHER AREAS
- EARTHWORKS SHOULD BE CARRIED OUT IN ACCORDANCE WITH THE RECOMMENDATIONS OUTLINED IN **AS3798-2007** 'GUIDELINES FOR EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'. FILL UNDER ROADS SHALL BE UNDER **LEVEL 2** SUPERVISION. FILL IN LOTS TO BE COMPLETED UNDER **LEVEL 1** SUPERVISION.
- COMPACTION OF EARTHWORKS ASSOCIATED WITHIN LOTS TO BE CARRIED OUT UNDER **LEVEL 1** SUPERVISION IN ACCORDANCE WITH **AS 3798-2007** AND A REPORT SUBMITTED TO THE PRINCIPAL CERTIFYING AUTHORITY WITH DOCUMENTATION ACCOMPANYING THE RESPECTIVE COMPLIANCE CERTIFICATE APPLICATION.
- ALL AREAS DISTURBED DURING EARTHWORKS ARE TO BE REINSTATED AND SEEDED IMMEDIATELY.
- ALL SITE REGRADE TO BE CONTROL FILL IN ACCORDANCE WITH GEOTECHNICAL ENGINEERS DIRECTION.
- WHERE PRACTICAL CATCHDRAINS ARE TO BE CONSTRUCTED UPSLOPE OF THE SITE REGRADE TO DIVERT CLEAN SURFACE WATER.
- SITE REGRADE AREAS ARE TO BE TURFED OR SEEDED AS DIRECTED BY LANDSCAPE ARCHITECT OR SUPERINTENDENT.
- ALL TREES TO BE REMOVED ARE TO BE MULCHED/ CHIPPED ON SITE AND REUSED AS MULCH WITHIN THE DEVELOPMENT.



LEGEND (+ FILL - CUT)														
Colour														
Lower (m)	2	1.75	1.5	1.25	1	0.75	0.5	0.25	0	-0.25	-0.5	-0.75	-1	-1.25
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to
Upper (m)	2.5	2	1.75	1.5	1.25	1	0.75	0.5	0.25	0	-0.25	-0.5	-0.75	-1

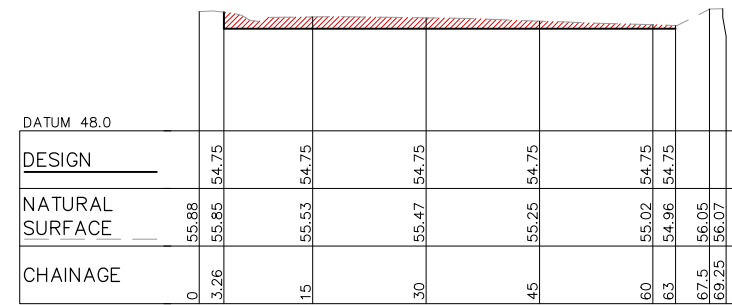
CUT/FILL VOLUMES	
CUT:	1,720m ³
FILL:	2,816m ³
SHORTAGE OF MATERIAL:	1,096m ³



NOT FOR CONSTRUCTION

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A	16/02/26	ISSUED FOR REVIEW	JH	JS	JH	JH	 ALL DIMENSIONS ARE IN METRES. DO NOT SCALE				LOT 6 & 7, D.P. 1275478 JERICHO ROAD & BUCHAN AVENUE, EDMONDSON PARK		SITE 4 - CIVIL INFRASTRUCTURE								
B	26/02/26	ISSUED FOR APPROVAL	JH	JS	JH	JH							BULK EARTHWORKS PLAN								
										SURVEYED ADW Johnson		DATUM GDA2020 M.G.A. ZONE 56 A.H.D.		PROJECT No. 300443		DISCIPLINE CENG		NUMBER 501		REV. A	

A legend box containing two entries. The first entry shows a red rectangle with diagonal hatching, labeled 'CUT'. The second entry shows a green rectangle with diagonal hatching, labeled 'FILL'.



SITE SECTION B
HORIZONTAL SCALE 1: 500
VERTICAL SCALE 1: 250



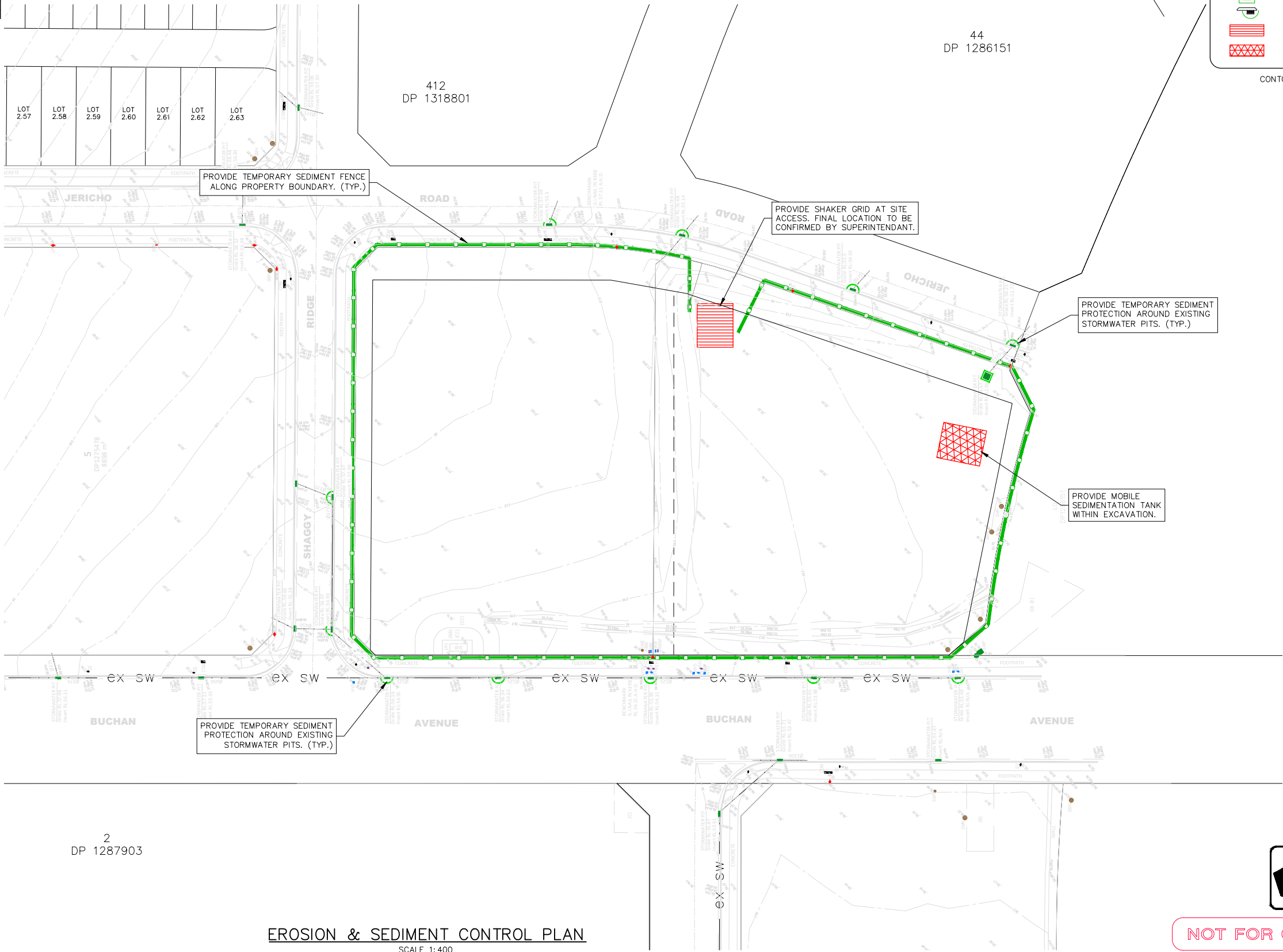
1. CUT/FILL VALUES SHOWN ARE INDICATIVE ONLY AND REPRESENTATIVE OF LEVEL DIFFERENCE BETWEEN EXISTING SURFACE AND PROPOSED FINISHED SURFACE ONLY.
2. NO ALLOWANCE HAS BEEN MADE FOR STRIPPING/GRUBBING, PAVEMENT BOXING, OVER EXCAVATION FOR BUILDINGS, BULKING FACTORS ETC.



NOT FOR CONSTRUCTION

Plotted By: Justin Hill Plot Date: 26/02/26 5:50:22PM Cad File: \\ADW-SVR1\DRAWING\300443\DWG\ENGINEERING\CENG\SITE 4\300443-CENG-S4-511.DWG

Regulated Design Record				
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Project Title:				
Consent No:		Body Corporate Reg No:		
Drawing Title:				
Drawing No:				
Rev	Date dd.mm.yy	Description	DP Full Name	Reg No

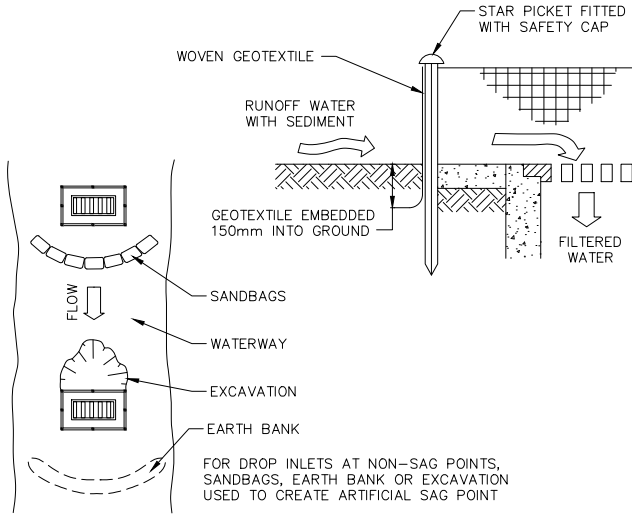
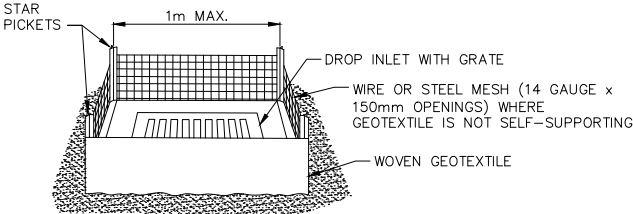


REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES		Hunter Warners Bay N.S.W. 2282 Ph. 02 4978 5100 Central Coast Tuggerah N.S.W. 2259 Ph. 02 4305 4300 Sydney Sydney N.S.W. 2000 Ph. 02 8787 4499 www.adwjohanson.com.au	CLIENT URBAN PROPERTY	PROPERTY DESCRIPTION		PROJECT								
A B	16/02/26 26/02/26	ISSUED FOR REVIEW ISSUED FOR APPROVAL	JH JH	JS JS	JH JH	JH JH	 ALL DIMENSIONS ARE IN METRES. DO NOT SCALE				LOT 6 & 7, D.P. 1275478 JERICHO ROAD & BUCHAN AVENUE, EDMONDSON PARK		SITE 4 - CIVIL INFRASTRUCTURE								
										SURVEYED ADW Johnson		DATUM GDA2020 M.G.A. ZONE 56 A.H.D.		PROJECT No. 300443 –		DISCIPLINE CENG –		NUMBER 601		REV. A	

Regulated Design Record				
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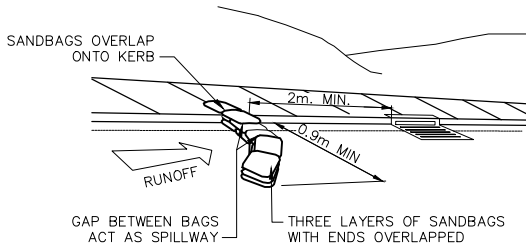
GENERAL NOTES:

1. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSISTENT WITH THE NSW GOVERNMENT'S "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION".
2. THE ARRANGEMENT SHOWN ON THE PLANS IS DIAGRAMMATIC ONLY. AMENDMENTS MAY NEED TO BE MADE DURING CONSTRUCTION.
3. ALL SEDIMENT AND EROSION CONTROL MEASURES, ARE TO BE IN PLACE PRIOR TO STRIPPING OF SITE.
4. MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL COMPLETE REHABILITATION IS ACHIEVED.
5. DISTURBED AREAS ARE TO BE KEPT TO A MINIMUM. NO MORE THAN **2.5ha** OF THE SITE SHALL BE EXPOSED TO EROSION AT ANY ONE TIME.
6. ALL TOPSOIL IN SITE REGRADING AREAS AND ROAD RESERVES TO BE STOCKPILED ON SITE.
7. STOCKPILE AREA TO BE FULLY FENCED WITH SILT PROOF FABRIC AT ALL TIMES.
8. IMPORTED MATERIAL TO BE PLACED DIRECTLY INTO SITE REGRADING AREAS. IMPORTED MATERIAL IS NOT TO BE STOCKPILED.
9. STOCKPILES ARE TO BE REMOVED AS SOON AS PRACTICABLE AND SITES REINSTATED IMMEDIATELY.
10. CONSERVE ALL TOPSOIL, STOCKPILE AND PROTECT FOR RE-USE ON SITE.
11. STOCKPILES OF MATERIAL ARE TO BE PLACED AWAY FROM DRAINAGE FLOW PATHS AND HEAVILY TRAFFICABLE AREAS AND ARE TO BE SURROUNDED BY SILT FENCING AT ALL TIMES.
12. PROTECT ALL DISTURBED AREAS FROM EROSION.
13. MINIMISE SEDIMENTATION.
14. ERECT AND MAINTAIN SILT FENCES AT THE DOWNSLOPE SIDE OF DISTURBED AREA/S DURING CONSTRUCTION.
15. PLACE SEDIMENT INLET TRAPS AROUND ALL PITS WITHIN, AND DOWNSTREAM OF, THE DEVELOPMENT.
16. PROVIDE GRAVEL BAGS AS REQUIRED.
17. SILT FENCES AND HAY BALING TO BE PLACED WHERE DIRECTED BY COUNCIL'S ENGINEER AND MAINTAINED AT ALL TIMES.
18. WHERE EVIDENCE OF SILT LEAVING THE SITE IS FOUND, CONTRACTOR IS TO CLEAR ALL SEDIMENT (INCLUDING THAT IN STORMWATER INFRASTRUCTURE) AT THEIR OWN COST.
19. FOLLOWING RAIN EVENTS, ALL SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE AUDITED AND REINSTATED IF NECESSARY.
20. CONTROL CLEAN WATER FROM ABOVE THE SITE, THROUGH THE SITE.
21. KEEP CLEAN WATER SEPARATE FROM DIRTY WATER.
22. KEEP RUNOFF FROM DISTURBED AREAS, WHERE POSSIBLE, SEPARATE FROM DIRTY WATER.
23. ALL DISTURBED AREAS ARE TO BE RE-VEGETATED OR OTHERWISE PROTECTED AS SOON AS PRACTICAL.
24. ALL NATURAL VEGETATION AREAS OUTSIDE THE BOUNDARIES OF THE PROPOSED DEVELOPMENT WILL BE FENCED WITH NO GO FENCING TO KEEP THE AREAS FREE FROM DISTURBANCE OF MACHINERY, PARKED VEHICLES AND WASTE MATERIAL.
25. AREAS OUTSIDE THE BOUNDARIES OF THE PROPOSED DEVELOPMENT WILL BE FENCED WITH NO GO FENCING TO KEEP THE AREAS FREE FROM DISTURBANCE OF MACHINERY, PARKED VEHICLES AND WASTE MATERIAL.
26. TREES TO BE RETAINED WITHIN THE CONSTRUCTION AREAS ARE TO BE PROTECTED BY TREE PROTECTION FENCING IN ACCORDANCE WITH THE APPROVED LANDSCAPE MANAGEMENT PLANS.

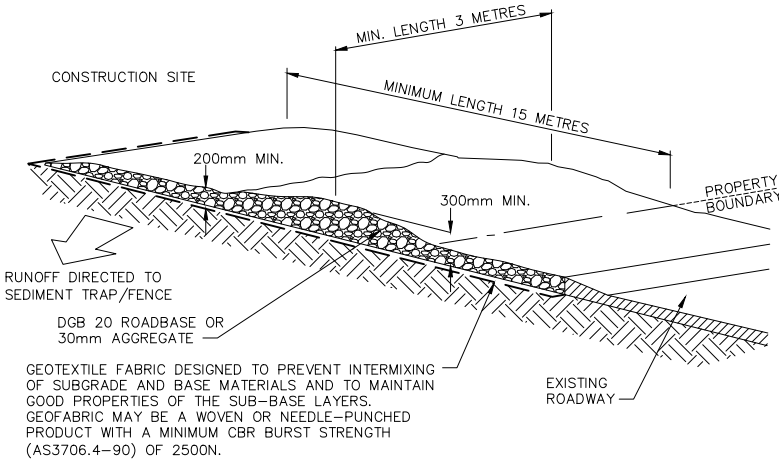


GEOTEXTILE INLET FILTER (SD6-12)
N.T.S.

- CONSTRUCTION NOTES:
1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
 2. REFER STANDARD DRAWINGS 6-7 & 6-8 FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE THE PICKET SPACING TO 1 METRE CENTRES.
 3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
 4. DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.



SANDBAG KERB INLET SEDIMENT TRAP
N.T.S.



STABILISED SITE ACCESS (SD6-14)
N.T.S.

- CONSTRUCTION NOTES:
1. STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.
 2. COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
 3. CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE.
 4. ENSURE THE STRUCTURE IS AT LEAST 15 METRES LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3 METRES WIDE.
 5. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.

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JERICHO ROAD & BUCHAN AVENUE,
EDMONDSON PARK

SURVEYED
ADW Johnson

DATUM
GDA2020 M.G.A. ZONE 56 A.H.D.

PROJECT

SITE 4 - CIVIL INFRASTRUCTURE

PLAN TITLE

EROSION & SEDIMENT CONTROL NOTES

PROJECT No.
300443

DISCIPLINE
CENG

NUMBER
611

REV.
A



NOT FOR CONSTRUCTION