

MGA
SCIMS

NOTE
- DIMENSIONS AND AREAS ARE SUBJECT TO FINAL
DESIGN AND SURVEY

(ZB2) RIGHT OF CARRIAGE WAY VARIABLE WIDTH
(DP1236474) (TO BE RELEASED)
(ZC) EASEMENT FOR SERVICES VARIABLE WIDTH
(WHOLE OF LOT) (DP1268911) (TO BE
RELEASED PRIOR TO THIS SUBDIVISION)
(ZEE2) EASEMENT FOR ELECTRICITY AND OTHER
PURPOSES (DP1144378)
(ZEE3) EASEMENT FOR ELECTRICITY AND OTHER
PURPOSES 2 & 3.3 WIDE (DP1236474) (TO BE
RELEASED)

0 50 100 150
SCALE ON ORIGINAL DRAWING AT 1:2500

VER	BY	AMENDMENTS	DATE
A	BC	ORIGINAL ISSUE	16-02-2024
B	BC	AMENDMENT TO LOT LAYOUT	28-02-2024
C	SG	AMENDMENT TO DRAINAGE EASEMENTS	24-05-2024
D	BC	ADDED LOT 1017	26-08-2024
E	BC	AMENDMENT TO DRAINAGE EASEMENTS	01-10-2024

BW Beveridge Williams
Development and Infrastructure Consultants

(02) 46255055 www.beveridgewilliams.com.au

CLIENT:



DETAILS:

PLAN OF PROPOSED SUBDIVISION OF
LOT 2 DP1291984 AND LOT 1 DP101147
2 BULLECOURT AVENUE, MILPERRA
(STAGE 1)

ORIGINAL
SCALE
1:2500

SHEET SIZE
A3

SURVEYOR:	BC
DRAWN:	DH
CHECKED:	BC
SURVEY DATE:	N/A
CAD REFERENCE:	2301879(1)-PS

SHEET 1 OF 2

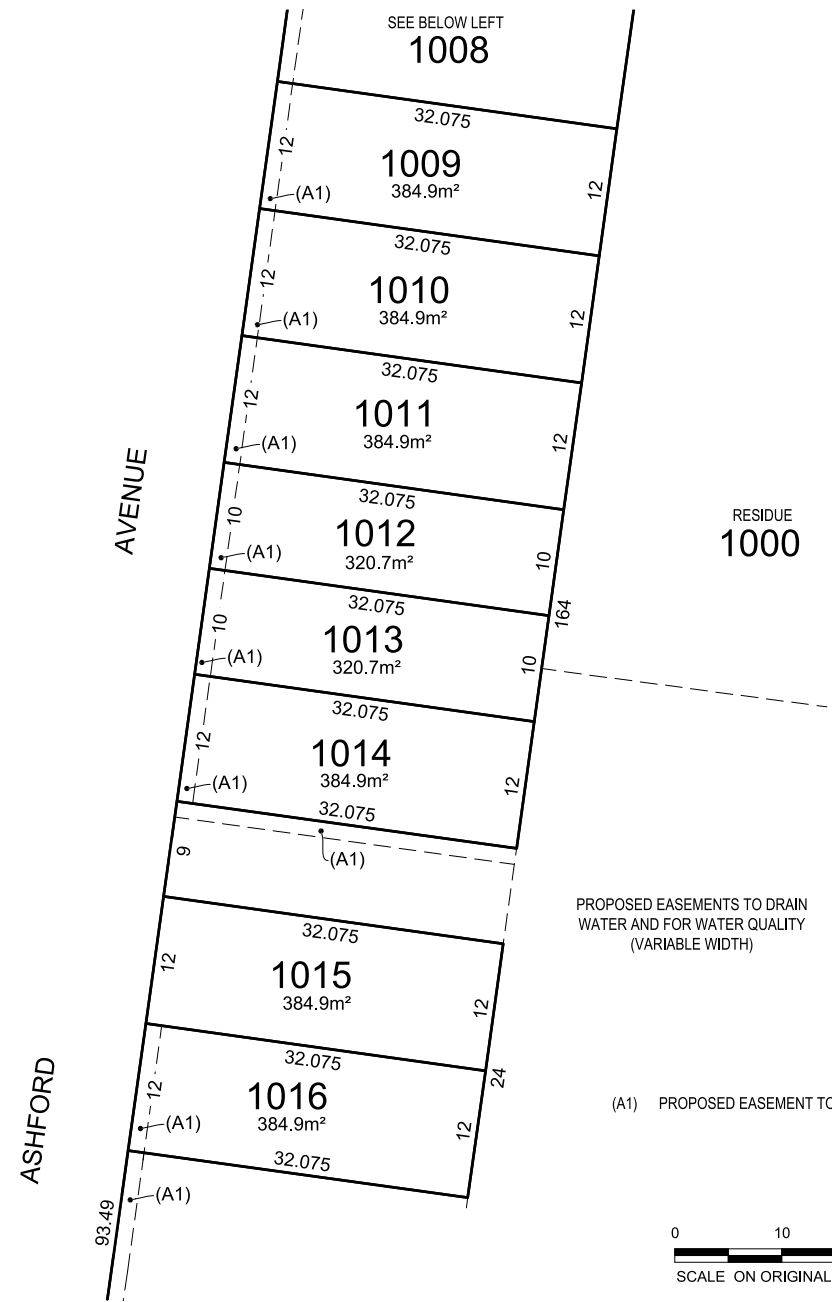
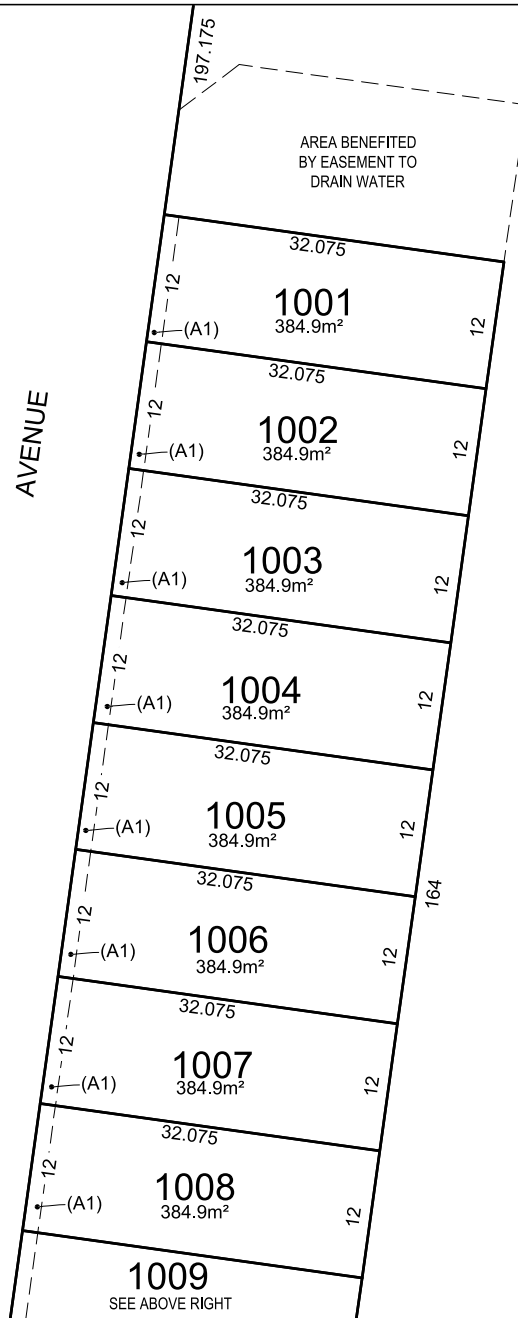
PROJECT No.
2301879

DRAWING REF.
2301879(1)-PS

VERSION
E



MGA
SCIMS



VER	BY	AMENDMENTS	DATE
A	BC	ORIGINAL ISSUE	16-02-2024
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LOT 2 DP1291984 AND LOT 1 DP101147
2 BULLECOURT AVENUE, MILPERRA
(STAGE 1)

ORIGINAL
SCALE
1:500

SHEET SIZE
A3

SURVEYOR:	BC
DRAWN:	DH
CHECKED:	BC
SURVEY DATE:	N/A
CAD REFERENCE:	2301879(1)-PS
SHEET 2 OF 2	

PROJECT No.
2301879

DRAWING REF.
2301879(1)-PS

VERSION
E

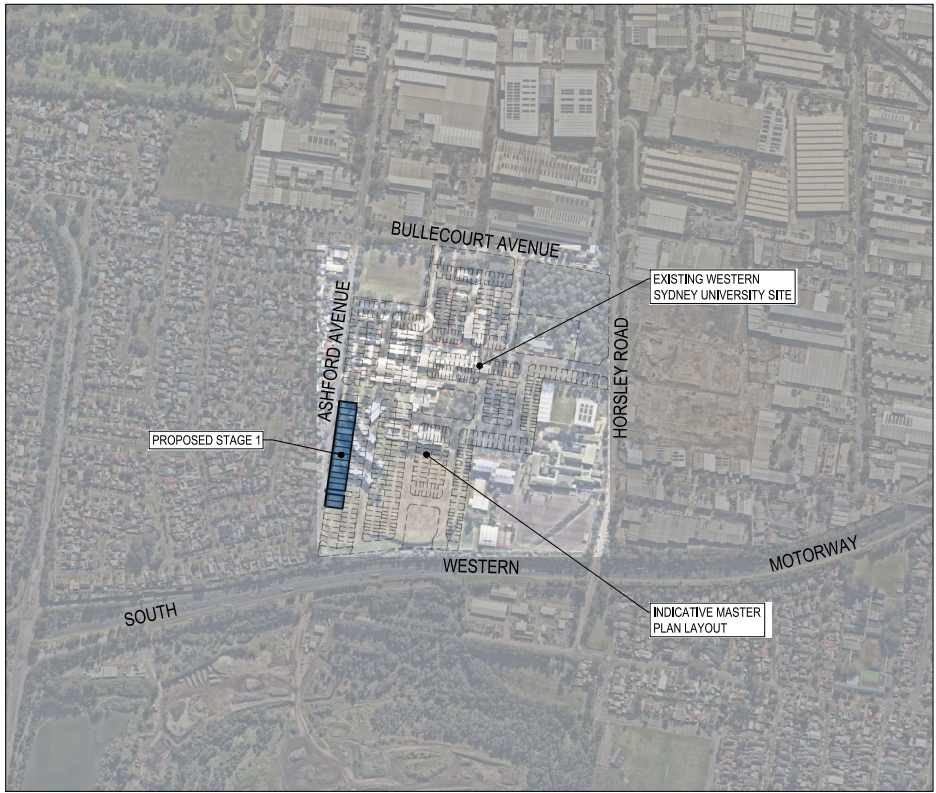
WSU MILPERRA

CONCEPT CIVIL ENGINEERING PLANS TO SUPPORT THE STAGE 1 SUBDIVISION

LOT 2 IN DP1291984 - 2 BULLECOURT AVENUE, MILPERRA

CANTERBURY-BANKSTOWN COUNCIL

MIRVAC HOMES (NSW) PTY LTD



SITE PLAN

NOT TO SCALE

DRAWING INDEX			
Sheet No.	DRAWING No.	TITLE	REVISION
1	2301879 - 303 - 001	COVER SHEET	D
2	2301879 - 303 - 002	DEMOLITION PLAN	D
3	2301879 - 303 - 011	LAYOUT PLAN	D
4	2301879 - 303 - 012	BULK EARTHWORKS AND LOT BENCHING PLAN	D
5	2301879 - 303 - 101	ASHFORD AVENUE BACK OF KERB - LONGITUDINAL SECTION - & TYPICAL CROSS SECTION	D
6	2301879 - 303 - 201	LOT CROSS SECTIONS - SHEET 1 OF 5	D
7	2301879 - 303 - 202	LOT CROSS SECTIONS - SHEET 2 OF 5	D
8	2301879 - 303 - 203	LOT CROSS SECTIONS - SHEET 3 OF 5	D
9	2301879 - 303 - 204	LOT CROSS SECTIONS - SHEET 4 OF 5	D
10	2301879 - 303 - 205	LOT CROSS SECTIONS - SHEET 5 OF 5	D
11	2301879 - 303 - 301	DETENTION BASIN LAYOUT PLAN	D
12	2301879 - 303 - 401	SOIL AND WATER MANAGEMENT PLAN - OVERALL PLAN	D
13	2301879 - 303 - 402	SOIL AND WATER MANAGEMENT PLAN - STAGE 1 PLAN	D
14	2301879 - 303 - 403	SOIL AND WATER MANAGEMENT PLAN - DETAILS & NOTES	D

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D	DRAWINGS REVIEWED	02.10.24	R.O.	S.O.					
C	DRAWINGS REVIEWED	13.06.24	R.O.	S.O.					
B	REVIEWED AS PER MIRVAC COMMENTS	23.05.24	S.F.	S.O.					
A	ISSUED TO CLIENT FOR REVIEW	06.03.24	J.B.	S.O.					
REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.




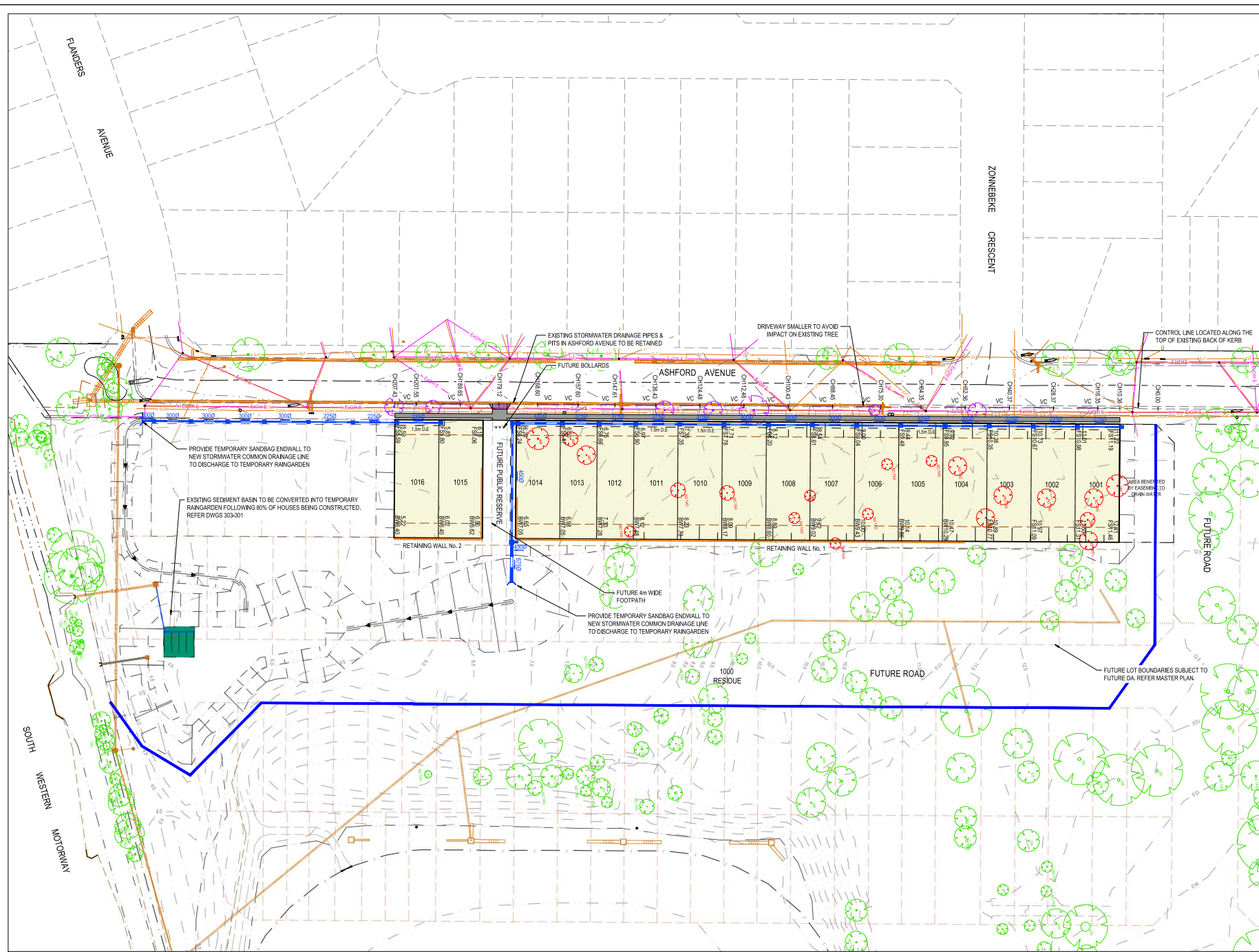
Designed	S. FERGUSON
Date	08.03.2024
Drawn	J. BRID
Approved	S. GRAY
Date	08.03.2024
DA Number	

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Project Details	WSU MILPERRA, LOT 2 IN DP1291984 2 BULLECOURT AVE, MILPERRA STAGE 1 SUBDIVISION
Drawing Title	COVER SHEET

Sheet 01 of 14			
Scale			
Project Number	Reference	Drawing No	Revision
2301879	303	001	D



LEGEND - LAYOUT PLAN

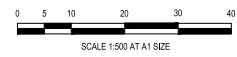
- STORMWATER DRAIN, PIT & PROPERTY INLET
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- SERVICE CONDUITS
- TACTILE PAVERS (INDICATIVE ONLY)
- ELECTRICITY (UNDERGROUND)
- ELECTRICITY (OVERHEAD)
- OPTIC FIBRE
- TELECOMMUNICATIONS
- GAS
- WATER
- RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELECOMMUNICATIONS
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING STORMWATER DRAIN
- EXISTING SEWER
- EXISTING HOUSE DRAIN
- EXISTING SWALE DRAIN
- EXISTING SURFACE LEVEL
- FINISHED BUILDING LINE LEVEL
- FINISHED RIDGE LINE LEVEL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- RIDGE LINE
- RETAINING WALL
- ZERO LOT LINES
- PAVEMENT TREATMENT
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FLOW
- OVERLAND FLOW
- ALLOTMENT TO BE GRADED EVENLY IN
- DIRECTION OF FALL TO LEVELS INDICATED
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN
- "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE RETAINED UNLESS IMPACTED BY UNDERGROUND ELECTRICAL WORKS
- EXISTING TREE TO BE RETAINED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY
- TREE PROTECTION ZONE (TPZ)
- VC

NEW LAYBACK TO BE CUT IN TO EXISTING KERB FOR FUTURE DRIVEWAY.
ALL NEW DRIVEWAYS TO BE 4m WIDE WITH EXCEPTION TO LOTS 1006, 1012 & 1013.
LOTS 1006, 1012 & 1013 DRIVEWAYS TO BE 3m WIDE.

WARNING
BWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works.
DIAL 1100 BEFORE YOU DIG
www.1100.com.au

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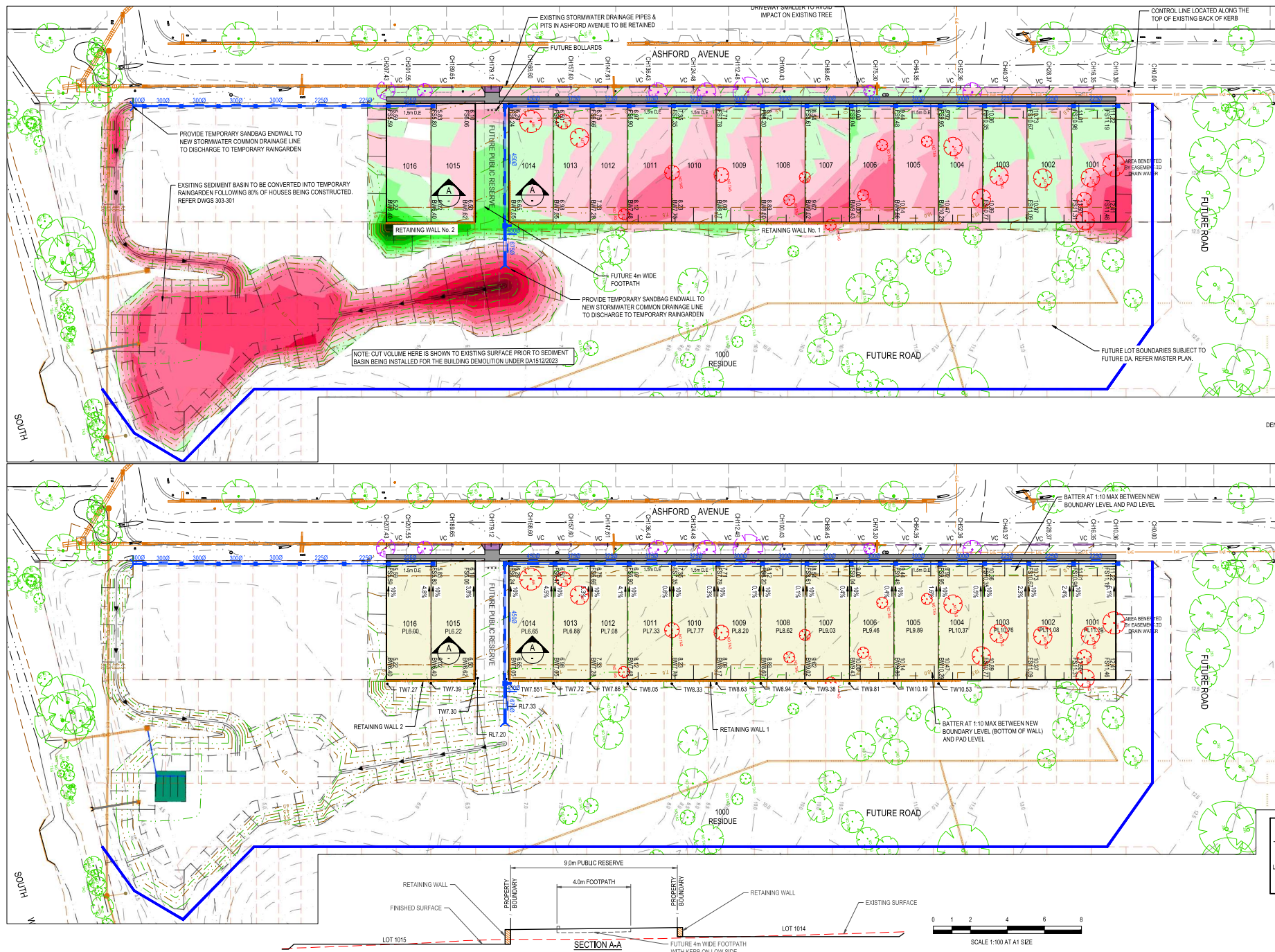


Designed S. FERJUSON
Date 08.03.2024
Drawn J. BRD
Approved S. GRAY
Date 08.03.2024
DA Number

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Development & Infrastructure Consultants
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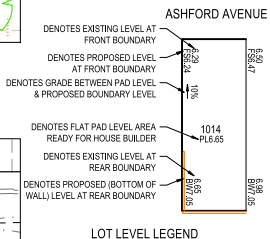
Project Details
WSU MILPERRA, LOT 2 IN DP1291984
2 BULLECOURT AVE, MILPERRA
STAGE 1 SUBDIVISION
Drawing Title
LAYOUT PLAN

Sheet	03 of 14	
Scale	1:500 @ A1	
Project Number	2301879	Reference
303	011	D



CUT AND FILL LEGEND		
DEPTH RANGE (m)	COLOUR	
>1.8m CUT		CUT
-1.8 -1.5		
-1.5 -1.2		
-1.2 -0.9		
-0.9 -0.6		
-0.6 -0.3		
-0.3 0.0		
0.0 0.3		
0.3 0.6		
0.6 0.9		
0.9 1.2		FILL
1.2 1.5		
1.5 1.8		
1.8 2.1		
2.1 2.4		
2.4 2.7		
>2.7m FILL		

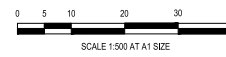
APPROXIMATE EARTHWORKS VOLUMES:
CUT - 3,753m³
FILL - 640m³
BALANCE - 3,113m³ OF CUT
* THIS ESTIMATE IS BASED ON SURFACE TO SURFACE MODELLING ONLY AND IS SUBJECT TO FINAL DESIGNS



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Locate all underground services before commencement of works
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D	DRAWINGS REVISED	02/10/24	R.D.	S.D.					
C	DRAWINGS REVISED	13/08/24	R.D.	S.D.					
B	REVISED AS PER MIRVACS COMMENTS	23/05/24	R.T.	S.D.					
A	ISSUED TO CLIENT FOR REVIEW	06/03/24	J.B.	S.D.					

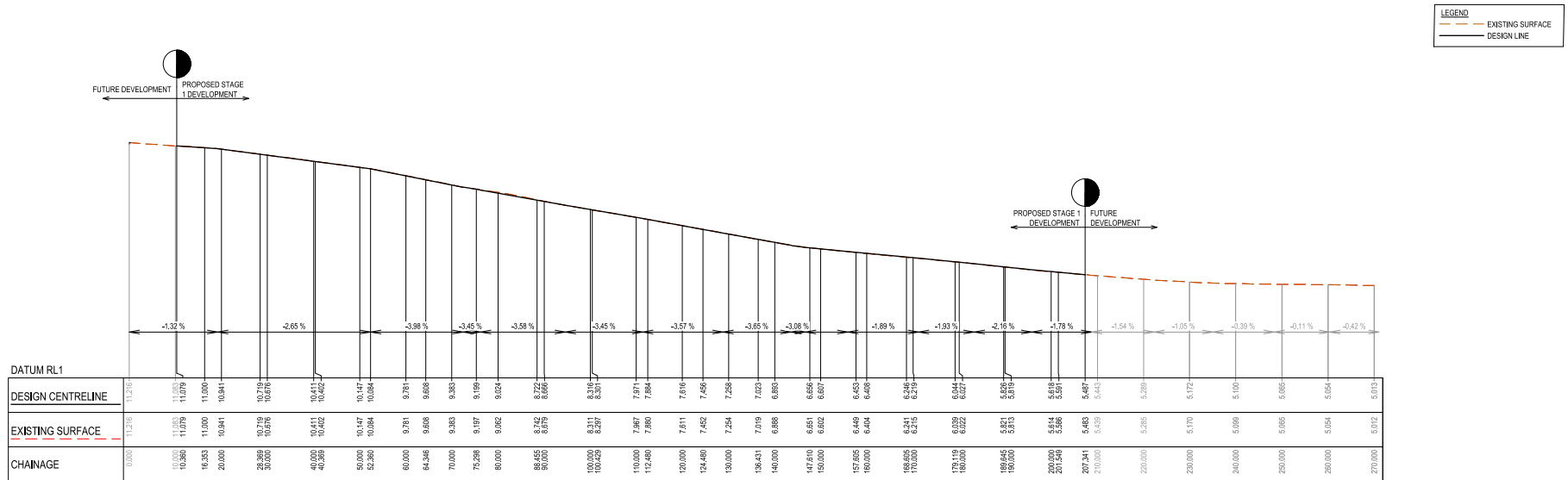


Designed S. FERGUSON
Date 08/03/2024
Drawn J. BRD
Approved S. GRAY
Date 08/03/2024
DA Number

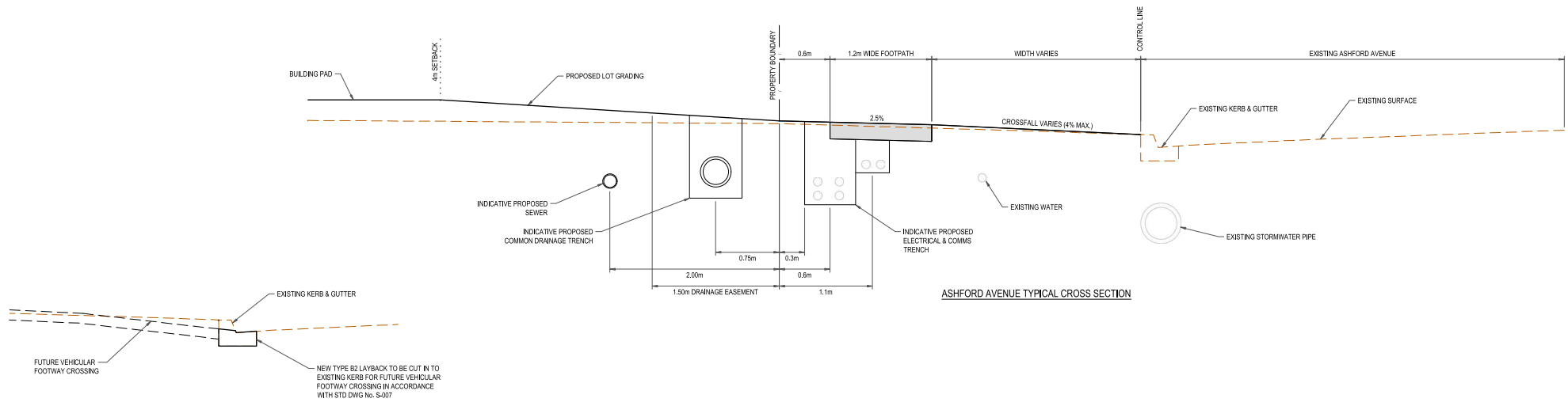
BW Beveridge Williams
Development & Infrastructure Consultants
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Oran Park NSW 2570
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Project Details
WSU MILPERRA, LOT 2 IN DP1291984
2 BULLECOURT AVE, MILPERRA
STAGE 1 SUBDIVISION
Drawing Title
BULK EARTHWORKS AND LOT BENCHING PLAN

Sheet 04 of 14
Scale
1:500 @ A1
Project Number 2301879
Reference 303
Drawing No 012
Revision D



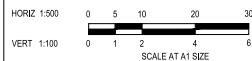
ASHFORD AVENUE EXISTING BACK OF KERB LONGITUDINAL SECTION
Scales: HORIZ 1 : 500
VERT 1 : 100



LAYBACK FOR VEHICULAR CROSSING TYPICAL SECTION

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Date	08.03.2024
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Approved	S. GRAY
Date	08.03.2024
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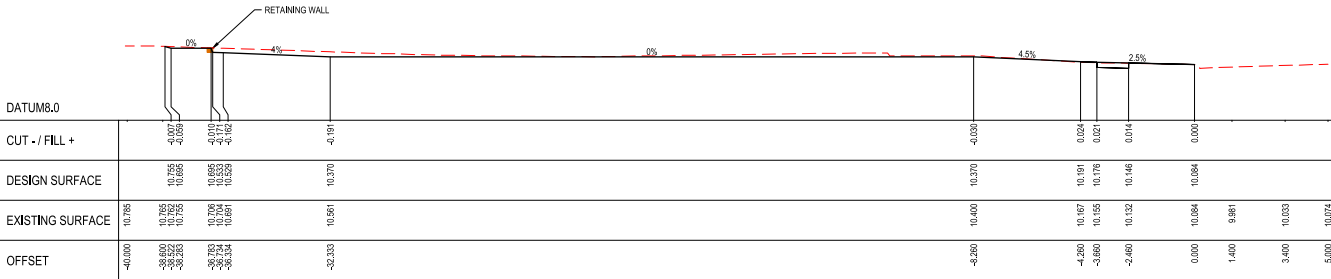
Project Details	WSU MILPERRA, LOT 2 IN DP1291984 2 BULLECOURT AVE, MILPERRA STAGE 1 SUBDIVISION
Drawing Title	ASHFORD AVENUE BACK OF KERB LONGITUDINAL SECTION & TYPICAL CROSS SECTION

Sheet	05 of 14
Scale	1:500 H 1:100 V @ A1
Project Number	2301879
Reference	303
Drawing No	101
Revision	D

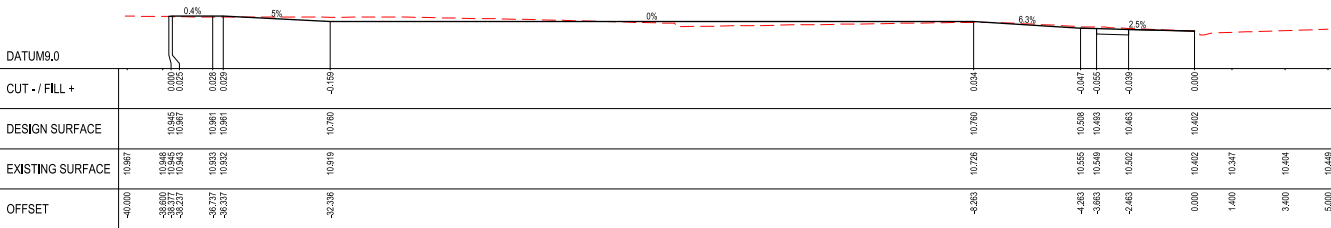
LEGEND

EXISTING SURFACE

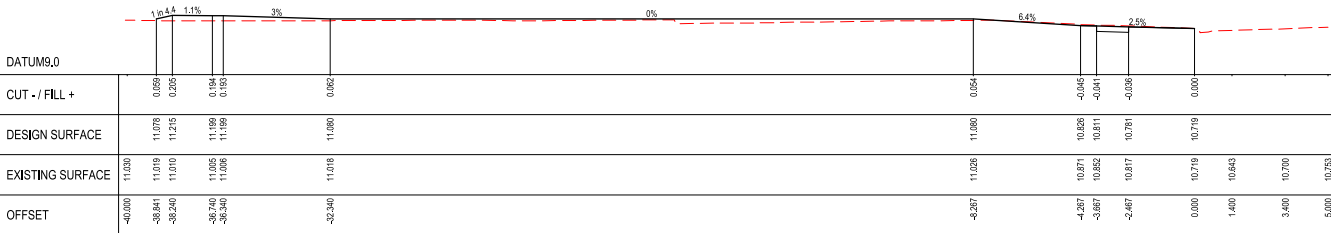
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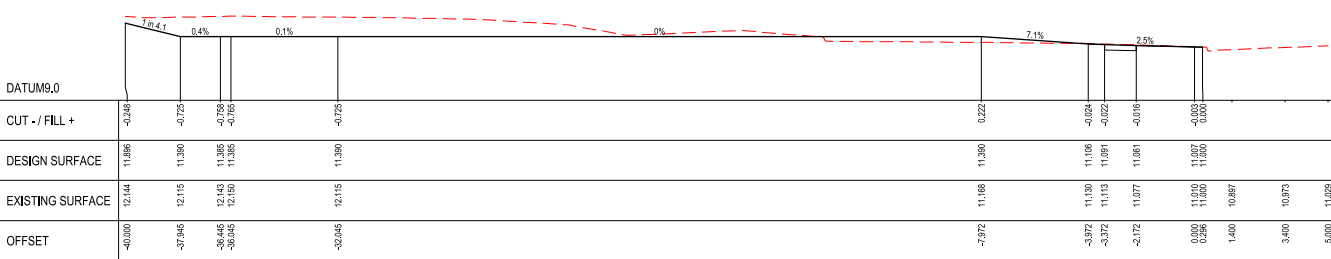
CH 52.360 - LOT 1004



CH 40.369 - LOT 1003



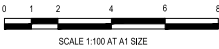
CH 28.369 - LOT 1002



CH 16.353 - LOT 1001

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D	DRAWINGS REVISION	02.10.24	R.O.	S.G.					
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B	REVISION AS PER MIRVAC COMMENTS	20.05.24	S.F.	S.G.					
A	ISSUED TO CLIENT FOR REVIEW	06.01.24	SF	SG					
REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.



Designed	S. FERGUSON
Date	08.03.2024
Drawn	J. BRID
Approved	S. GRAY
Date	08.03.2024
DA Number	

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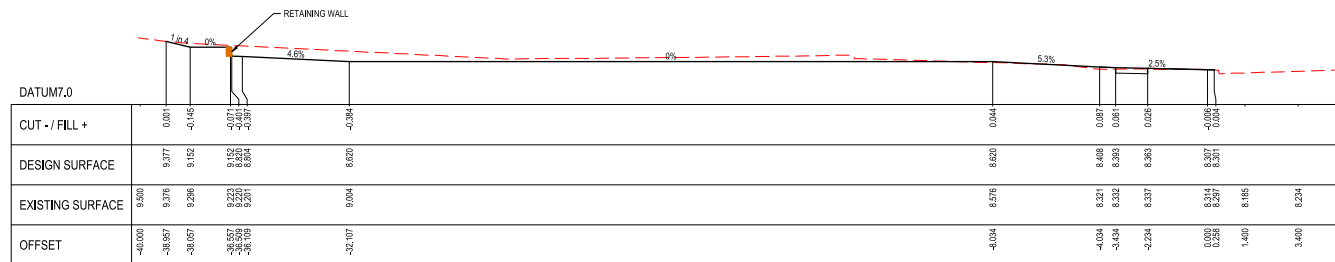
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Oran Park NSW 2570

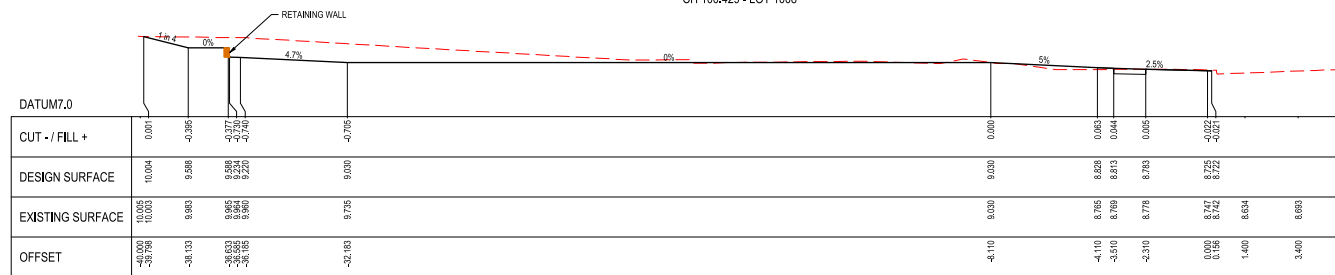
pk: 02 46255055
www.beveridgewilliams.com.au

Project Details	WSU MILPERRA, LOT 2 IN DP1291984 2 BULLECOURT AVE, MILPERRA STAGE 1 SUBDIVISION
Drawing Title	LOT CROSS SECTIONS SHEET 1 OF 5

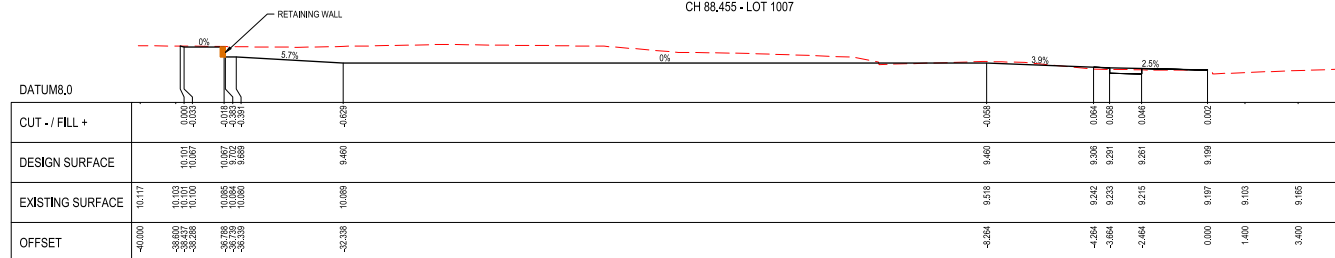
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Scale	1:100 @ A1
Project Number	2301879
Reference	303
Drawing No	201
Revision	D



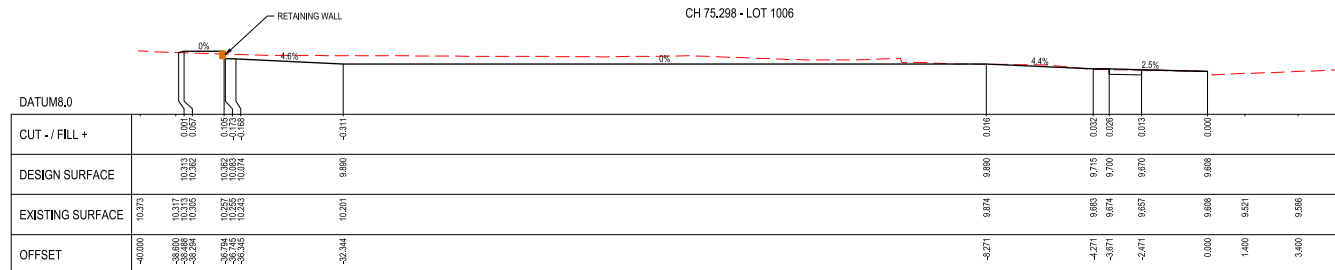
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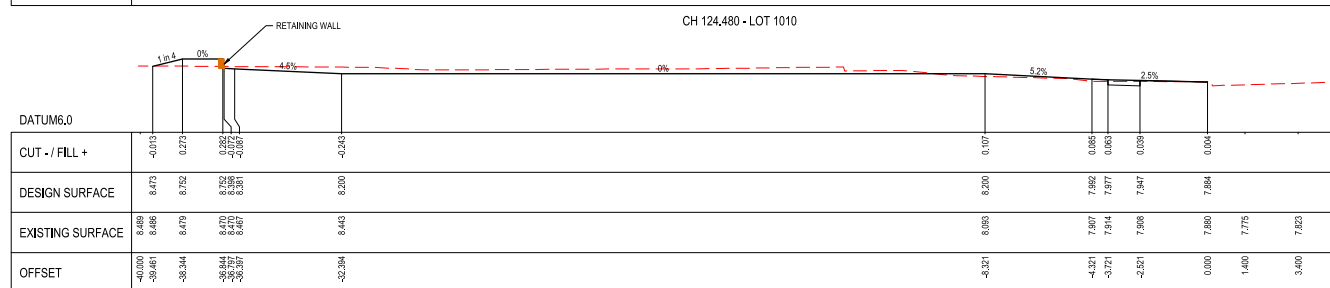
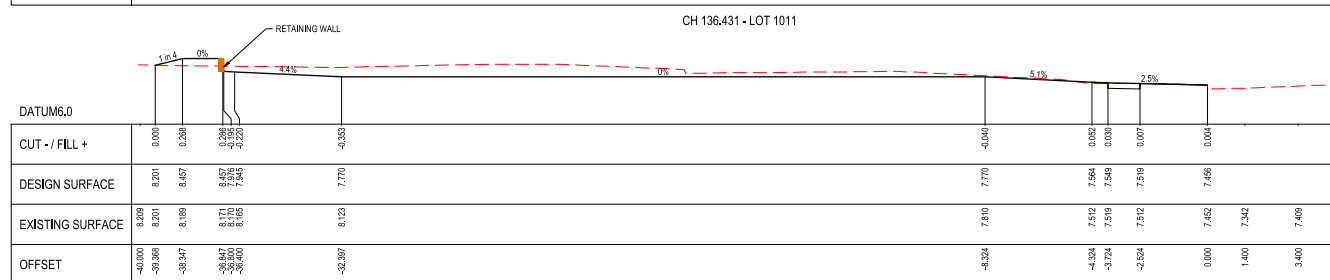
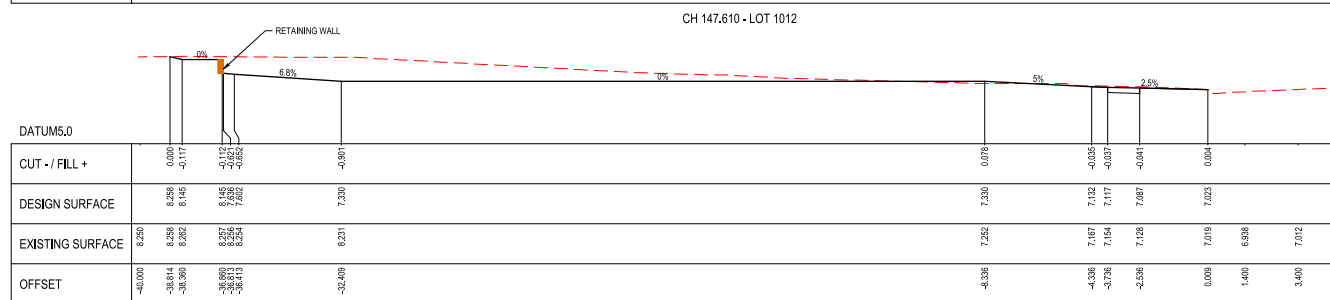
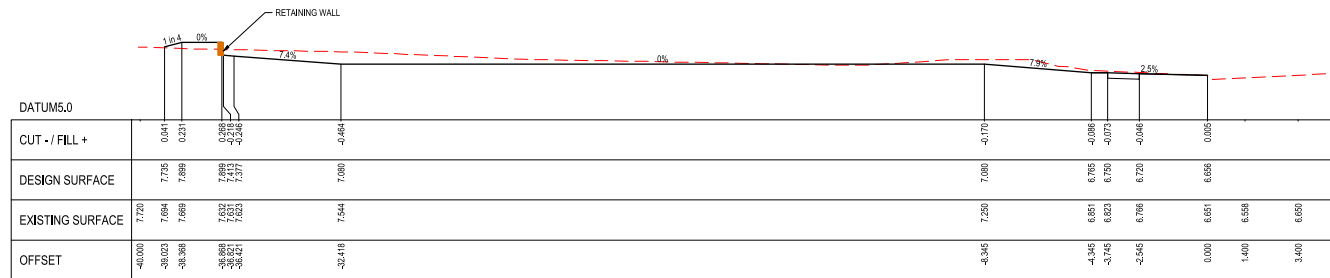
CH 88.455 - LOT 1007



CH 75.298 - LOT 1006



CH 64.346 - LOT 1005



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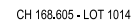
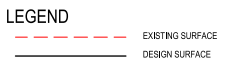


Designed	S. FERGUSON
Date	06.03.2023
Drawn	J. BIRCH
Approved	S. GRAY
Date	06.03.2023
DA Number	



Project Details	WSU MILPERRA, LOT 2 IN DP1291984 2 BULLECOURT AVE, MILPERRA STAGE 1 SUBDIVISION
Drawing Title	LOT CROSS SECTIONS SHEET 3 OF 5

Sheet 08 of 14			
Scale 1:100 @ A1			
Project Number	Reference	Drawing No	Revision
2301879	303	203	D



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[illegible]

Designed	S. FERGUSON
Date	06.03.2020
Drawn	J. BIRD
Approved	S. GRAY
Date	06.03.2020
DA Number	



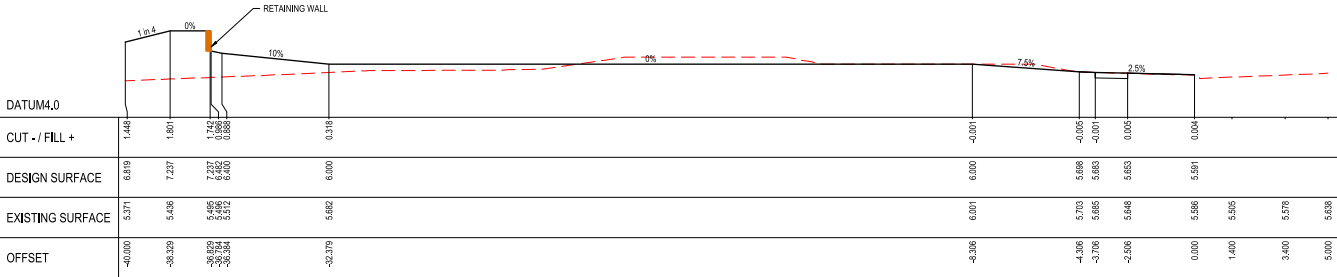
Project Details	WSU MILPERRA, LOT 2 IN DP1291984 2 BULLECOURT AVE, MILPERRA STAGE 1 SUBDIVISION
Drawing Title	LOT CROSS SECTIONS SHEET 4 OF 5

	Sheet 09 of 14			
	Scale			
	1:100 @ A1			
	Project Number	Reference	Drawing No	Revision
	2301879	303	204	D

LEGEND

EXISTING SURFACE

DESIGN SURFACE



CH 201.549 - LOT 1016

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Date	08.03.2024
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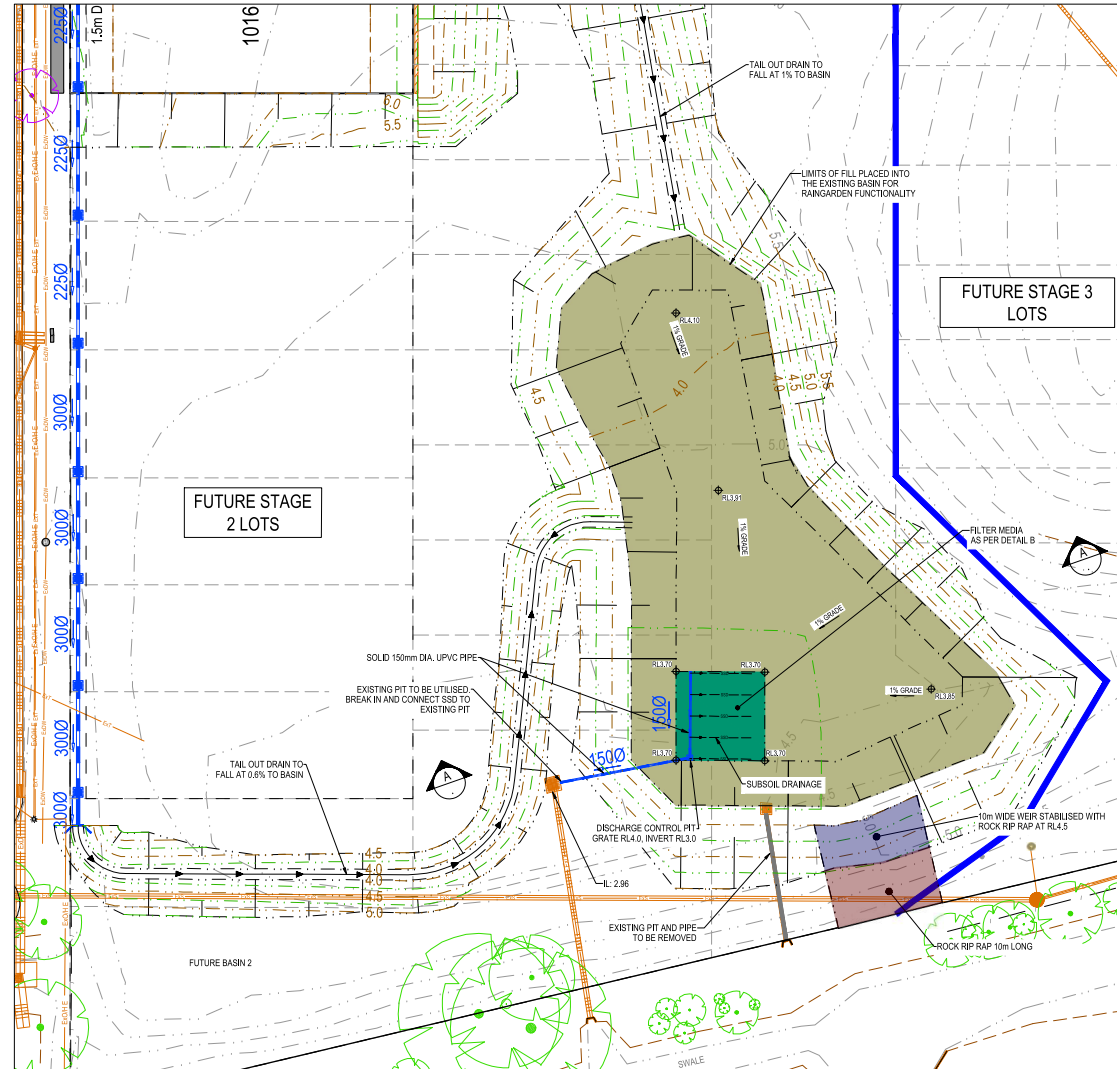
Project Details

WSU MILPERRA, LOT 2 IN DP1291984
2 BULLECOURT AVE, MILPERRA
STAGE 1 SUBDIVISION

Drawing Title

LOT CROSS SECTIONS
SHEET 5 OF 5

Sheet 10 of 14			
Scale 1:100 @ A1			
Project Number	Reference	Drawing No	Revision
2301879	303	205	D



ISSUED FOR D.A.

[illegible]

Designed	S. FERGUSON
Date	06.03.2023
Drawn	J. BIRN
Approved	S. GRA
Date	06.03.2023
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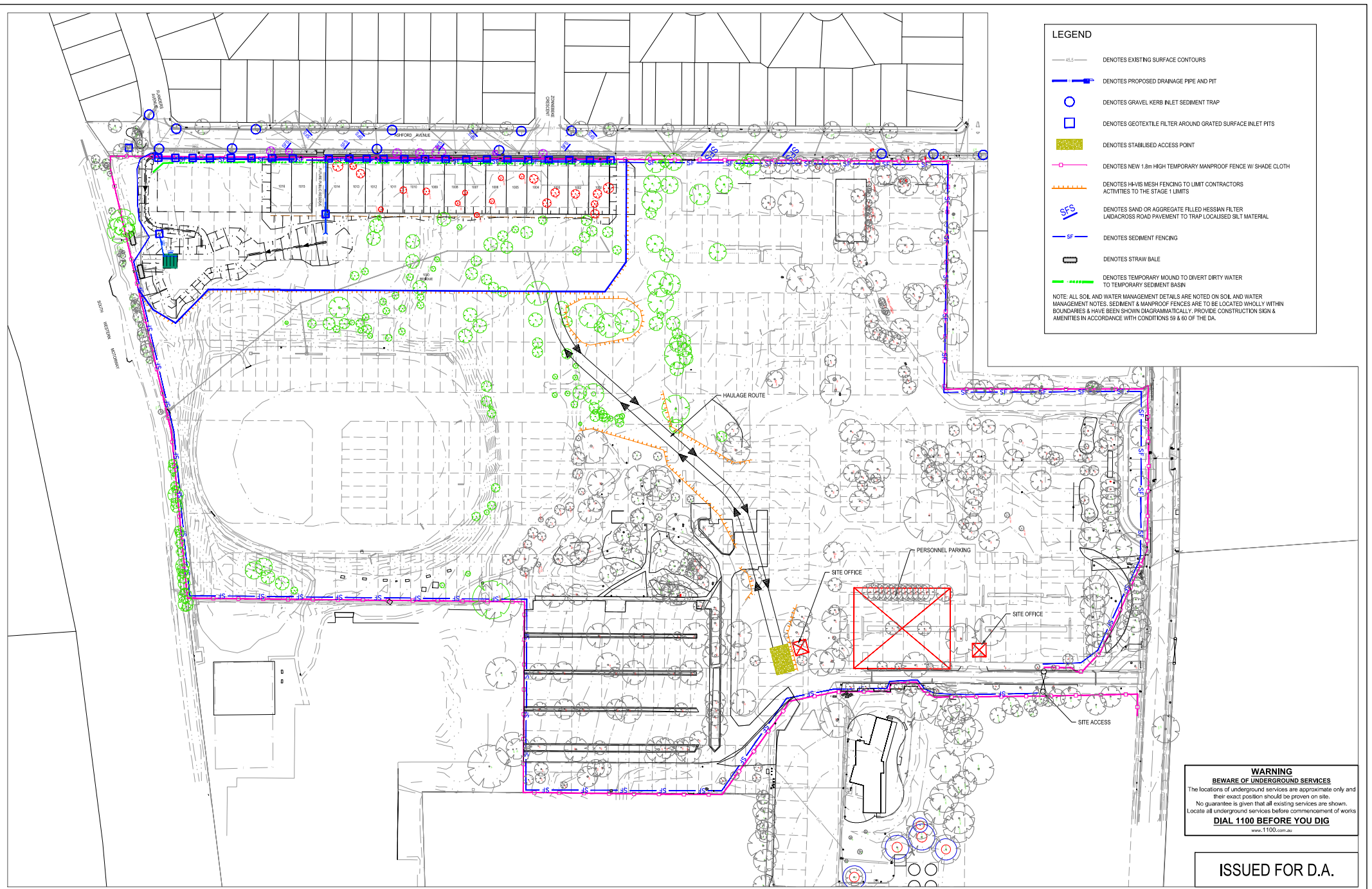
Project Details	WSU MILPERRA, LOT 2 IN DP1291984 2 BULLECOURT AVE, MILPERRA STAGE 1 SUBDIVISION
Drawing Title	DETENTION BASIN LAYOUT PLAN

Sheet 11 of 14

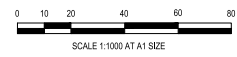
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Project Number	Reference	Drawing No	Revision
2301879	303	301	D





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D	DRAWINGS REVIEWED	02.10.24	R.O.	S.O.					
C	DRAWINGS REVIEWED	13.06.24	R.O.	S.O.					
B	TEMPORARY BASIN & DRAINAGE AMENDED	23.05.24	S.T.	S.O.					
A	ISSUED TO CLIENT FOR REVIEW	06.03.24	J.B.	S.O.					
REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.



Designed S. FERGUSON
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Project Details
WSU MILPERRA, LOT 2 IN DP1291984
2 BULLECOURT AVE, MILPERRA
STAGE 1 SUBDIVISION

Drawing Title
SOIL AND WATER MANAGEMENT PLAN
OVERALL PLAN












Sheet 12 of 14

Scale
1:1000 @ A1

Project Number	Reference	Drawing No	Revision
2301879	303	401	D

Sediment (drywt)	96				
Sediment Class	1				(See Table 4.2 page 4-13)
Sediment (wet) (drywt)	75				Conversion to cubic meters
Sediment basin storage (wet) volume (m ³)	22				(See Sections 6.3.4) for calculation
Sediment basin settling (wet) volume (m ³)	100				(See Sections 6.3.4) for calculation

LEGEND

	DENOTES EXISTING SURFACE CONTOURS		DENOTES SAND OR AGGREGATE FILLED HESSIAN FILTER LAID ACROSS ROAD PAVEMENT TO TRAP LOCALISED SILT MATERIAL
	DENOTES PROPOSED DRAINAGE PIPE AND PIT		DENOTES SEDIMENT FENCING
	DENOTES GRAVEL KERB INLET SEDIMENT TRAP		DENOTES STRAW BALE
	DENOTES GEOTEXTILE FILTER AROUND GRATED SURFACE INLET PITS		DENOTES TEMPORARY MOUND TO DIVERT DIRTY WATER TO TEMPORARY SEDIMENT BASIN
	DENOTES STABILISED ACCESS POINT	NOTE: ALL SOIL AND WATER MANAGEMENT DETAILS ARE NOTED ON SOIL AND WATER MANAGEMENT NOTES. SEDIMENT & MANPROOF FENCES ARE TO BE LOCATED WHOLLY WITHIN BOUNDARIES & HAVE BEEN SHOWN DIAGRAMMATICALLY. PROVIDE CONSTRUCTION SIGN & AMENITIES IN ACCORDANCE WITH CONDITIONS 99 & 60 OF THE DA.	
	DENOTES NEW 1.8m HIGH TEMPORARY MANPROOF FENCE W/ SHADE CLOTH		
	DENOTES HAYS MESH FENCING TO LIMIT CONTRACTORS ACTIVITIES TO THE STAGE 1 LIMITS		

1. THE CONTRACTOR IS TO ENSURE STORMWATER RUNOFF IS DIRECTED TO THE SEDIMENT BASIN
- WITH PLACEMENT OF TEMPORARY DIVERSION MOUNDS OR THE FORMATION OF OVERLAND FLOW PATHS.
2. DIVERSION MOUNDS & FLOW PATHS ARE TO BE ADJUSTED AS FILLING LAYERS PROGRESS & SURFACE LEVELS RISE.
3. SEDIMENT IS TO BE REMOVED SUCH THAT NOT LESS THAN 70% OF THE DESIGN CAPACITY IS AVAILABLE AT ALL TIMES MARKERS WITH DEPTH INDICATORS ARE TO BE PLACED AT EACH BASIN TO INDICATE WHEN SEDIMENT ACCUMULATION EXCEEDS 30% OF STORAGE REQUIREMENTS.
4. BASINS ARE TO BE FLOCCULATED WITH GYPSUM WHEN SUSPENDED SOLID CONCENTRATION EXCEEDS 50 milligrams per litre. SPREADING RATE TO BE DETERMINED BY TESTING AND ANALYSIS OF THE INITIAL STORM EVENT. FIRST APPLICATION IS TO BE 30 kilograms GYPSUM PER 100 cum. OF STORED WATER & THEREAFTER AS DETERMINED BY TESTING. PUMP OUT TO GOLF COURSE DRAIN WITHIN 72 hrs OF TREATMENT. REFER LANDSCAPE SOLI & CONSTRUCTION - "MANAGING URBAN STORMWATER" FOR FURTHER INFORMATION.
6. UPON ADEQUATE SITE REVEGETATION & COUNCIL APPROVAL SEDIMENT BASIN IS TO BE DECOMMISSIONED & CONVERTED INTO RAINGARDENS PER DIS.

FOLLOWING INSTALLATION OF THE SEDIMENT BASIN AND EROSION CONTROLS AND REMEDIATION OF THE AREA:

1. ALL TOPSOIL CONTAINING VEGETATION TO BE STRIPPED FROM EXISTING SURFACE & STOCKPILED FOR RESPRREADING

FOLLOWING COMPLETION OF EARTHWORKS (Approx. 75mm THICK):

2. STRIPPED SURFACE TO BE INSPECTED & CERTIFIED READY FOR FILL PLACEMENT BY GEOTECHNICAL ENGINEER.

3. COMPLETE INITIAL EARTHWORKS IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S REPORT

4. IMPORTED FILL TO BE CERTIFIED AS V.E.N.M. & FREE OF SLAG, HAZARDOUS, CONTAMINATED, TOXIC, PUTRESCIBLE OR RADIO-ACTIVE MATTER & INDUSTRIAL WASTE & BUILDING DEBRIS. THE ORIGIN OF FILL PROPOSED TO BE IMPORTED & THE ABOVE CERTIFICATION TO BE REVIEWED & APPROVED BY COUNCIL PRIOR TO ANY IMPORTED FILL ARRIVING ON SITE.

5. ALL FILL IS TO BE PLACED & COMPACTED IN ACCORDANCE WITH COUNCIL'S CONSTRUCTION SPECIFICATION.

6. ALL FILL TO BE PLACED UNDER LEVEL 1 GEOTECHNICAL SUPERVISION

7. COPIES OF ALL FILL COMPACTION TESTS TO BE PROVIDED TO PRINCIPLE.

8. COMPLETE ALL ROAD, DRAINAGE, RETAINING WALL & SERVICES WORKS

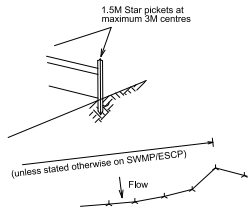
9. 300mm WIDE, 150mm THICK TOPSOIL TO BE PLACED BEHIND KERBS & TURFED WITH KUKUYU TURF

10. FINAL TOPSOIL/TURF & PATHWAYS WITHIN ASHFORD AVENUE VERGES TO BE BONDED WITH COUNCIL & COMPLETED BY BUILDERS

FOLLOWING

HOUSE CONSTRUCTION

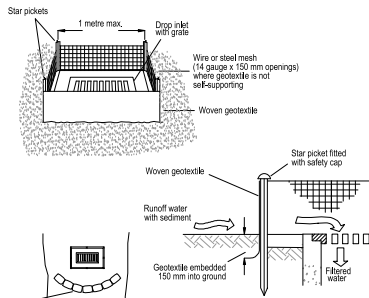
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Star pickets at maximum 3M spacings

1. Construct sediment fence as close as possible to parallel to the contours of the site
2. Drive 1.5 metre long star pickets into ground, 3 metres apart.
3. Dig a 150mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched
5. Fix self supporting geotextile to upslope side of posts with wire ties or as recommended by geotextile manufacturer
6. Join sections of fabric at a support post with a 150mm overlap

SEDIMENT FENCE

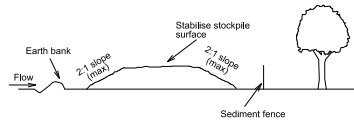


GEOTEXTILE INLET FILTER (SD 6-12)

NTS

Construction Notes

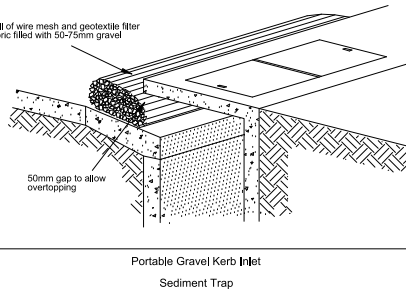
1. Fabricate a sediment barrier made from geotextile or straw bales.
2. Follow Standard Drawing 6-7 and Standard Drawing 6-4 for installation procedures for the straw bales or geotextile. Reduce the picket spacing to 1 metre centres.
3. In waterways, artificial sag points can be created with sandbags 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.



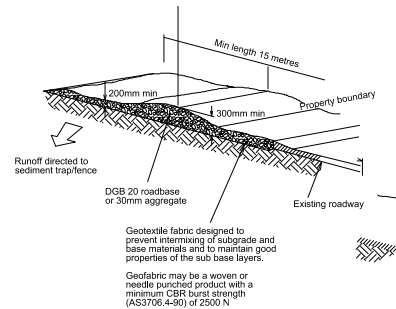
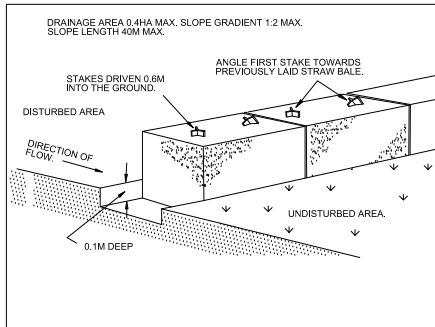
Construction Notes

1. Locate stockpile at least 5 metres from existing vegetation, concentrated water flows, roads and hazard areas.
2. Construct on the contour as a low, flat elongated mound.
3. All stockpiles shall be less than 2 metres in height
4. Rehabilitate in accordance with the SWMP/ESCP.
5. Construct earth bank (Standard Drawing 5-2) on the upslope side to divert run off around the stockpile and a sediment fence (standard Drawing 6-7) 1 to 2 metres downslope of stockpile.
6. Seeded areas to be watered twice weekly until established. Substantial growth required within 14 days or bi-tumen straw mulch to be placed.
7. Dust to be controlled by watering

STOCKPILES



Portable Gravel Kerb Inlet Sediment Trap



Construction Notes

1. Strip topsoil and level site.
2. Compact subgrade
3. Cover area with needle punch geotextile.
4. Construct 200mm thick pad over geotextile using roadbase or 30mm aggregate. Minimum length 15 metres or to building alignment with 3 metres
5. Construct hump immediately within boundary to divert water to a sediment fence or other sediment trap.

STABILISED SITE ACCESS

SEDIMENT & EROSION CONTROL

- SE1. THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO DISTURBANCE OF THE WORK AREA & TO BE CARRIED OUT IN ACCORDANCE WITH LANDCOM'S "MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION" VOLUME 1.
- SE2. THE CONTRACTOR SHALL REGULARLY MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES AND REMOVE ACCUMULATED SILT FROM SUCH DEVICES BEFORE MORE THAN 60% OF THEIR CAPACITY IS LOST. ALL THE SILT REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE SUPERINTENDENT. NO SILT IS TO BE PLACED OUTSIDE THE LIMIT OF WORKS. THE PERIOD FOR MAINTAINING THESE DEVICES SHALL BE AT LEAST UNTIL ALL DISTURBED AREAS ARE REVEGETATED AND LONGER AS MAY BE DIRECTED BY THE SUPERINTENDENT OR COUNCIL.
- SE3. VEHICULAR TRAFFIC SHALL BE CONTROLLED DURING CONSTRUCTION CONFINING ACCESS WHERE POSSIBLE TO PROPOSED OR EXISTING ROAD ALIGNMENTS.
- SE4. WHEN ANY DEVICES ARE TO BE HANDED OVER TO COUNCIL, THEY SHALL BE IN A CLEAN & STABLE CONDITION.
- SE5. THE CONTRACTOR SHALL MAINTAIN ALL REVEGETATED AREAS INCLUDING WATERING UNTIL FINAL COMPLETION OF WORKS.
- SE6. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL UNTIL FINAL COMPLETION OF WORKS.
- SE7. THE CONTRACTOR'S RESPONSIBILITY IS TO ENSURE ALL NECESSARY MEASURES SO AS TO PROTECT ALL DISTURBED AREAS AS PER NOTE SE1. ALL ADDITIONAL COSTS ARE TO BE REFLECTED IN TENDER PRICE EVEN IF SUCH MEASURES ARE NOT INDICATED ON THE SEDIMENT AND EROSION CONTROL PLAN.
- SE8. THE CONTRACTOR MUST COMMENCE REHABILITATION WITHIN 5 DAYS OF ANY SITE REGRADEING & BATTER FORMATION.
- SE9. A 0.3m WIDE STRIP OF TURF TO BE PLACED BEHIND THE EXISTING KERB IN ASHFORD AVENUE.
- SE10. PROVIDE TURF AROUND ALL SURFACE INLET PITS IN ADDITION TO THE GEOTEXTILE INLET FILTER.
- SE11. STOCKPILES TO BE STABILISED WITHIN 14 DAYS OF COMPLETING THE STOCKPILE.

NOTES

ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE LANDCOM'S MANUAL "MANAGING URBAN STORMWATER" 4TH EDITION AUGUST 2004.

WORKS SHALL BE UNDERTAKEN AS OUTLINED ON PLANS EROSION AND SEDIMENT CONTROL MEASURES AFFECTED BY WORKS ARE TO BE RE-ESTABLISHED PRIOR TO THE COMPLETION OF EACH DAY'S WORK.

THE CONTRACTOR IS TO STABILISE ALL STOCKPILES AND DISTURBED AREAS AS SOON AS THEY ARE FORMED TO FINAL LEVELS. STABILISATION TO BE BY HYDROSEEDING / SPRAY GRASS, OR AS DIRECTED BY COUNCIL ENGINEER.

SEED MIXTURE FOR FOOTWAYS AND OTHER AREAS UNDER THE CONTROL OF COUNCIL ARE TO BE IN ACCORDANCE WITH COUNCIL'S SPECIFICATION. FOR OTHER AREAS, THE LIST OF PLANT SPECIES FOR TEMPORARY COVER IS -

JAPANESE MILLET AND OATS (RYECORN) AT 25kg/ha EACH - SPRING/SUMMER
JAPANESE MILLET AT 10kg/ha AND OATS (RYECORN) AT 30kg/ha - AUTUMN/WINTER

ALL SEEDED AREAS ARE TO BE WATERED TWICE WEEKLY.

WHERE SURFACE SLOPES ARE MORE THAN 4H:1V BATTER THEY SHALL BE TURFED.

DUST CONTROL MEASURES SHALL BE IMPLEMENTED CONTINUOUSLY DURING CONSTRUCTION WORKS. SUCH MEASURES ARE TO BE TO THE SATISFACTION OF THE SUPERINTENDENT AND COUNCIL.

TOPSOIL SHALL BE RESPAED ON CONSTRUCTION AREAS AND STABILISED AS SOON AS POSSIBLE WITHIN 60 DAYS OF DISTURBANCE. ALL DISTURBED AREAS ARE TO BE LEFT WITH A SCARIFIED SURFACE AT ALL TIMES TO ENCOURAGE WATER INFILTRATION AND ASSIST WITH KEYING OF TOPSOIL.

FOLLOWING COMPLETION OF WORKS AND STABILISATION OF ALL DISTURBED SURFACES, ALL MATERIALS AND CONTROL MEASURES ARE TO BE REMOVED FROM SITE AND TEMPORARY BASINS FILLED, COMPACTED AND STABILISED.

ALL SITE ACCESS TO BE ACHIEVED FROM DESIGNATED SITE ACCESS. SITE ACCESS TO BE PROTECTED BY THE INSTALLATION OF AN APPROVED SHAKER RAMP. SHAKER RAMP TO BE REGULARLY MAINTAINED TO ENSURE EFFECTIVENESS.

UPON COMPLETION OF FINAL EARTHWORKS OR AFTER WRITTEN DIRECTION OF COUNCIL IMMEDIATE SILT CONSERVATION TREATMENTS SHALL BE APPLIED SO AS TO RENDER AREAS THAT HAVE BEEN DISTURBED. EROSION PROOF WITHIN 14 DAYS.

ALL DISTURBED OVER ALL STORMWATER, POWER, TELEPHONE, GAS AND SEWER LINES NOT WITHIN STREETS IS TO BE SPRAY GRASSED AS SOON AS POSSIBLE BUT NO LATER THAN WITHIN 14 DAYS AFTER BACKFILL.

NO MORE THAN 150m OF TRENCH IS TO BE OPEN AT ANY ONE TIME. ALL TEMPORARY EARTH BERM, DIVERSION AND SEDIMENT BASIN EMBANKMENTS ARE TO BE TRACK ROLLED, SEEDED OR MULCHED OR SPRAYED WITH BITUMEN AS SOON AS THEY HAVE BEEN FORMED.

ALL FILLS ARE TO BE LEFT WITH A WINDROW AT LEAST 20cm HIGH AT THE TOP OF THE SLOPE AT THE END OF EACH DAY'S EARTHWORKS AND ALL EARTHWORK AREAS SHALL BE ROLLED EACH EVENING TO "SEAL" THE EARTHWORKS.

STABILISATION OF ALL CUT AND FILL SLOPES SHALL BE COMMENCED WITHIN 14 DAYS OF COMPLETION OF FORMATION.

THE CONTRACTOR SHALL MAINTAIN AND PRODUCE ON REQUEST A LOGBOOK ON SITE DETAILING THE FOLLOWING-

- RECORDS OF ALL RAINFALL
- DAILY CONDITION OF ALL EROSION AND SEDIMENT CONTROL MEASURES
- ANY APPLICATION OF FLOCCULATION AGENTS TO BASINS
- VOLUMES OF WATER DISCHARGED FROM BASINS
- METHOD OF DISPOSAL OF WATER FROM BASINS
- ANY ADDITIONAL REMEDIAL WORKS REQUIRED

THE ORIGINAL LOGBOOK SHALL BE ISSUED TO THE PROJECT MANAGER ON COMPLETION OF THE WORKS. SEDIMENT CONTROL MEASURES TO BE MONITORED ONCE A WEEK AND AFTER EVERY STORM EVENT.

STOCKPILES TO BE MAX 2 METRE HIGH WITH SEDIMENT FENCING TO LOW SIDE LOCATED CLEAR OF WATERCOURSES

ALL STORMWATER PITS TO BE BLOCKED DURING CONSTRUCTION UNTIL SITE STABILISED.

DURING CONSTRUCTION WORKS ANY WORK AND STORAGE AREAS WHERE SPILLAGE MAY OCCUR MUST BE BUNDED. THE SIZE OF THE AREA TO BE BUNDED AND HEIGHT OF THE BUND WALLS MUST BE CALCULATED AS BEING EQUAL TO 110% OF THE TOTAL VOLUME STORED OR EQUAL TO THE LARGEST STORAGE CONTAINER, WHICH EVER IS GREATER. ALL PIPE WORK EXTENDING FROM THE BUNDED AREA MUST BE DIRECTED OVER THE BUND WALL AND HOSE COUPLINGS MUST BE PLACED SUCH THAT LEAKS AND SPILLAGE'S ARE CONTAINED. THE AREAS MUST BE GRADED TO A PIT/SUMP TO FACILITATE EMPTYING.

ANY IMPORTED FILL USED MUST BE VALIDATED & SUITABLE & FREE OF SALINE & CONTAMINATION

WARNING
BWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site.
No guarantee is given that all existing services are shown.
Locate all underground services before commencement of works
DIAL 1100 BEFORE YOU DIG
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D	DRAWINGS REVIEWED	02/10/24	R.O.	S.O.					
C	DRAWINGS REVIEWED	13/06/24	R.O.	S.O.					
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Date	08/03/2024
Drawn	J. BRD
Approved	S. GRAY
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Project Details	WSU MILPERRA, LOT 2 IN DP1291984 2 BULLECOURT AVE, MILPERRA STAGE 1 SUBDIVISION
Drawing Title	SOIL AND WATER MANAGEMENT PLAN DETAILS & NOTES

Sheet 14 of 14

Scale
NOT TO SCALE

Project Number	Reference	Drawing No	Revision
2301879	303	403	D