WARNING

BEWARE OF UNDERGROUND & OVERHEAD SERVICES

The locations of underground or overhead services are approximate only & 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

61123
GROUND COORDINATES
E 265 570.885
N 5 765 879.811
RL 35.274
STAR PICKET

EXISTING STAGE 18

EXISTING STAGE 17

5mX5m BY1m DEEP ENGINEERED FILL, PLACED IN AREA DISTURBED BY REMOVAL OF EXISTYING TREE

REMOVE EXISTING CONCRETE EDGE STRIP,"NO ROAD"SIGN & BARRIER AND MATCH NEATLY INTO EXISTING CONSTRUCTION

EXISTING PIT TO BE FITTED WITH JUNCTION PIT TYPE COVER

EXISTING PIT TO BE FITTED WITH HEAVY DUTY COVER AND SURROUND

EXISTING PIT TO BE MODIFIED, TO INCLUDE SEP COVER, LINTEL AND THROAT TO DIRECT ACCUMULATED ROAD RUNOFF TO EXISTING PIT. CONNECT TO EXISTING 300Ø STUB

EXISTING TREES SHOWN THUS, TO BE REMOVED. CONTRACTOR TO NOTIFY SUPERVISING ENGINEER, PRIOR TO THE REMOVAL OF ANY TREES

SAWCUT EXISTING KERB AND CONSTRUCT LAYBACK TO ACCOMODATE PROPOSED DRIVEWAY

REMOVE EXISTING CONCRETE EDGE STRIP,"NO ROAD"SIGN & BARRIER AND MATCH NEATLY INTO EXISTING CONSTRUCTION

CONNECT TO EXISTING STUB

INSTALL PSM

ADJUST PIT COVER LEVEL TO SUIT ULTIMATE STAGE 34 FINISHED SURFACE LEVEL. PIT TO BE FITTED WITH HAUNCHED 600x900 SEP HEAVY DUTY COVER AND LINTEL

UNDERGROUND AG DRAINS TO BE CONSTRUCTED TO PROPOSED UNDERGROUND DRAINAGE SYSTEM

EXISTING PIT AND 375 DIA. PIPE TO BE RECONSTRUCTED TO SUIT PROPOSED KERB ALIGNMENT. BREAK INTO EXISTING PIT BASE AND CONNECT PROPOSED DRAINAGE PIPE

CONCRETE INFILL (TYPICAL)

TIMBER BOLLARDS. FOR DETAILS, REFER TO SHEET C33 AND LANDSCAPE DRAWINGS

INSTALL PSM

BREAK INTO EXISTING PIT BASE AND CONNECT PROPOSED DRAINAGE PIPE

CONSTRUCT SEP OVER EXISTING PIPE AND CONNECT

EXISTING PIT TO BE FITTED WITH HEAVY DUTY, JUNCTION PIT TYPE COVER, BREAK INTO EXISTING PIT AND CONNECT 300 DIA. PIPE

SB2 SEDIMENT DRY OUT AREA

INDUSTRIAL DRIVEWAY. FOR DETAILS REFER TO IDM STANDARD DRAWING SD 250

EXISTING WETLAND ACCESS TRACK TO BE REMOVED AND DISPOSED OFFSITE, PRIOR TO COMMENCEMENT OF CONSTRUCTION

BREAK INTO EXISTING PIT AND CONNECT

ADJUST PIT COVER LEVEL TO SUIT ULTIMATE STAGE 34 FINISHED SURFACE LEVEL. PIT TO BE FITTED WITH HAUNCHED HEAVY DUTY 600x900 JP COVER

PROPOSED OUTFALL BRANCH SEWER ALIGNMENT

EXISTING SEDIMENTATION BASIN (SB2)

FUTURE DEVELOPMENT

PROPOSED STAGE WORKS | FUTURE DEVELOPMENT

2m D E | 2m S E

DESIGN SURFACE

VARIES

1 IN 150

1 IN 6

DESIGN SURFACE

PROPOSED DRAIN

PROPOSED SEWER

SECTION A-A
NTS

NOTES:

1. ALL VEHICLE AND PRAM CROSSING LAYBACKS TO BE MINIMUM OF 1.0m FROM PITS.
2. ALL PRAM CROSSINGS TO BE A MINIMUM 2.0m FROM VEHICLE CROSSINGS.
3. ALL PRAM CROSSINGS TO BE DDA COMPLIANT.
4. VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF LANDSCAPE WORKS.
5. SIDE ENTRY PITS SHOWN OFFSET BY 1m FROM TANGENT POINTS, TO ACCOMMODATE CHANNEL DEPTH TRANSITION. FOR DETAILS REFER TO IDM STANDARD DRAWING SD430
6. ALL COORDINATES SHOWN ARE TO AHD
7. THE USE OF DIRECTIONAL AND HAZARD TACTILE PAVERS MUST ACCORD WITH SECTION 2.2.3.1 OF AS/NZS 1428.4:2002
8. EASTING AND NORTHING PROVIDED FOR DRAINAGE PIT SETOUT REFERS TO CENTRE OF PIT BASE
9. PIT DIMENTIONS SHOWN ON PLAN, REFER TO CENTRE OF PIT BASE
10. CONTRACTOR TO CONFIRM WITH CALIBRE CONSULTING REPRESENTATIVE, PRIOR TO THE REMOVAL OF ANY TREES
11. SEWER MAINTENANCE HOLE CONVERTER SLAB OR CONE TO BE ROTATED TO ENSURE COVER POSITION IS CENTRALLY LOCATED WITHIN FOOTPATH

ROAD LAYOUT TABLE

ROAD NAME	ROAD CLASSIFICATION	RESERVE WIDTH (m)	ROAD WIDTH (m)			KERB TYPE		VERGE WIDTH (m)	
			LIP to LIP	INV to INV	BACK to BACK	NTH/WEST	STH/EAST	NTH/WEST	STH/EAST
UNITY DRIVE (30m WIDE)	CONNECTOR	30.00	18.40	19.00	19.30	B2	B2	5.85	4.85
UNITY DRIVE (28m WIDE)	CONNECTOR	28.00	17.40	18.00	18.30	B2	B2	5.35	4.35
ACCORD STREET	ACCESS	13.50	5.70	6.30	6.60	B3	B2	5.00	1.90
NAVY STREET	ACCESS	18.00	6.40	7.00	7.30	B2	B2	6.50	4.20
ASPECT ROAD	ACCESS	18.00	6.40	7.30	7.60	B2	B2	5.35	5.35
CANOPY WAY	ACCESS	13.50	4.90	5.50	5.80	B2	B2	1.50	6.20
BOSE STREET	ACCESS	14.50	4.90	5.50	5.80	B2	B2	2.50	6.20
LANE A	LANE	7.50	6.50	-	-	-	-	-	1.00

SERVICES OFFSET SCHEDULE

ROAD NAME	GAS		RECYCLED WATER		WATER		COMMUNICATION		ELECTRICITY	
	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)	SIDE	OFFSET (m)
UNITY DRIVE (CANOPY WAY EAST)	NORTH	3.10	NORTH	3.60	NORTH	4.10	SOUTH	1.775	SOUTH	2.60
UNITY DRIVE (CANOPY WAY WEST)	NORTH	3.10	NORTH	3.60	NORTH	4.10	SOUTH	2.50	SOUTH	3.10
ACCORD STREET	WEST	2.10	WEST	2.60	WEST	3.10	EAST	1.775	EAST	2.60
NAVY STREET	WEST	2.10	WEST	2.60	WEST	3.10	EAST	1.775	EAST	2.60
ASPECT ROAD	WEST	2.10	WEST	2.60	WEST	3.10	EAST	1.775	EAST	2.60
CANOPY WAY	EAST	2.10	EAST	2.60	EAST	3.10	EAST	4.10	EAST	4.70
BOSE STREET	EAST	2.10	EAST	2.60	EAST	3.10	EAST	4.10	EAST	4.70
LUNAR STREET	WEST	2.10	WEST	2.60	WEST	3.10	EAST	1.775	EAST	2.60
LUNAR STREET (RESERVE)	WEST	1.70	WEST	2.20	WEST	2.70	-	-	-	-
SWIFT LANE	-	-	-	-	-	-	SOUTH	0.500	SOUTH	1.33

NOTE:
ALL PITS SHOWN TO BE CONSTRUCTED OUTSIDE OF CURRENT STAGE WORKS TO BE CONSTRUCTED TO EXISTING SURFACE AND PROVIDED WITH TEMPORARY COVER AND FLAG IF FUTURE STAGE HAS NOT COMMENCED. FOR FURTHER DETAILS REFER TO PIT SCHEDULE.

PROVIDE TEMPORARY TURN AROUND AREA IF FUTURE STAGE HAS NOT COMMENCED

FLOWS ACCUMULTAED AS PART OF STAGE WORKS TO BE PROVIDED WITH FREE DRAINING OUTLET

PROVIDE 2m LONG 375 DIA. STUB IN NORTH WALL FOR FUTURE CONNECTION. IL29.73 AT 1 IN 200. STUB TO BE CAPPED, PRIOR TO BACKFILLING

E265728.07
N5765540.118

E265778.613
N5765534.149

E265803.645
N5765531.08

BREAK INTO EXISTING PIT AND CONNECT

PROVIDE 2m LONG 300 DIA. STUB IN SOUTH WALL FOR FUTURE CONNECTION. IL29.99 AT 1 IN 100. STUB TO BE CAPPED, PRIOR TO BACKFILLING

E265753.854
N5765537.186

PROVIDE 2m LONG 300 DIA. STUB IN SOUTH WALL FOR FUTURE CONNECTION. IL29.21 AT 1 IN 100 STUB TO BE CAPPED, PRIOR TO BACKFILLING

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A.C.N. 109 448 982

LEGEND

- Electricity (Underground)
- Gas
- Optic
- Recycled Water
- Telstra
- Water
- Stormwater Drain, Pit and Property Inlet
- Swale Drain
- Sewer, Maintenance Structures and Property Connection
- House Drain
- Gas & Water Conduits
- Tactile Paver - Directional
- Tactile Paver - Hazard
- Existing Electricity (Underground)
- Existing Electricity (Overhead)
- Existing Gas
- Existing Telstra
- Existing Water
- Existing Stormwater Drain
- Existing Sewer
- Existing House Drain
- Existing Tree to Remain
- Existing Tree to be Removed
- Existing Swale Drain
- ES14.34 Existing Surface Level
- FS40.35 Finished Building Line Level
- FR57.40 Finished Ridge Line Level
- TW59.30 Top of Retaining Wall
- BW59.30 Bottom of Retaining Wall
- Retaining Wall
- Intersection Threshold Treatment
- Structural Fill > 200mm Deep
- Ex. Structural Fill > 200mm Deep

AS CONSTRUCTED SIGNATURES

6/12/18

6/12/18

FOR CONTINUATION REFER C03

AC	11/12/18	AS CONSTRUCTED ISSUE
11	06/09/18	EXISTING PIT MARKS ADDED
10	09/06/18	SHAREPATH AMENDED
9	07/06/18	SERVICE OFFSET SCHEDULE AMENDED
8	15/03/18	LOTS 3422 & 3423 DRIVEWAYS AMENDED
7	16/02/17	NAVY STREET RELOCATED
6	22/11/17	EXISTING MD ALIGNMENT CL SHOWN
5	16/10/17	DRIVEWAY SERVICING 3417 RELOCATED
4	27/09/17	DRIVEWAY SERVICING LOT 3408 RELOCATED
3	13/09/17	RESERVE BOLLARDS AMENDED
2	25/08/17	TREE COMPACTION AREA NOTE AND HATCH ADDED
1	28/07/17	PIT 26 STUB AMENDED
0	10/07/17	CONSTRUCTION ISSUE
E	23/06/17	SWIFT LANE AMENDED
D	29/05/17	SWIFT LANE/LUNAR ST. RESERVE AMENDED
C	08/05/17	COUNCIL COMMENTS
	DATE	COMMENTS

CLIENT

villawood properties
COMMUNITIES DESIGNED FOR LIVING

PROJECT

ARMSTRONG
MT DUNEED

STAGE 34

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Level 2, 55 Southbank Boulevard
Southbank VIC 3006
T 03 9203 9000

TITLE

LAYOUT PLAN - 1

1:500 10 5 0 10 20 A1
1:1000 A3

SCALE @ A1	DRAWN	DESIGNED
1:500	R.KOZUL	R.KOZUL
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
J.CONSIGLIO	T.PALIOS	DECEMBER 2016

AS CONSTRUCTED

SIGNED	DATE

DRAWING NUMBER	REVISION
M100611.34-C02	AC

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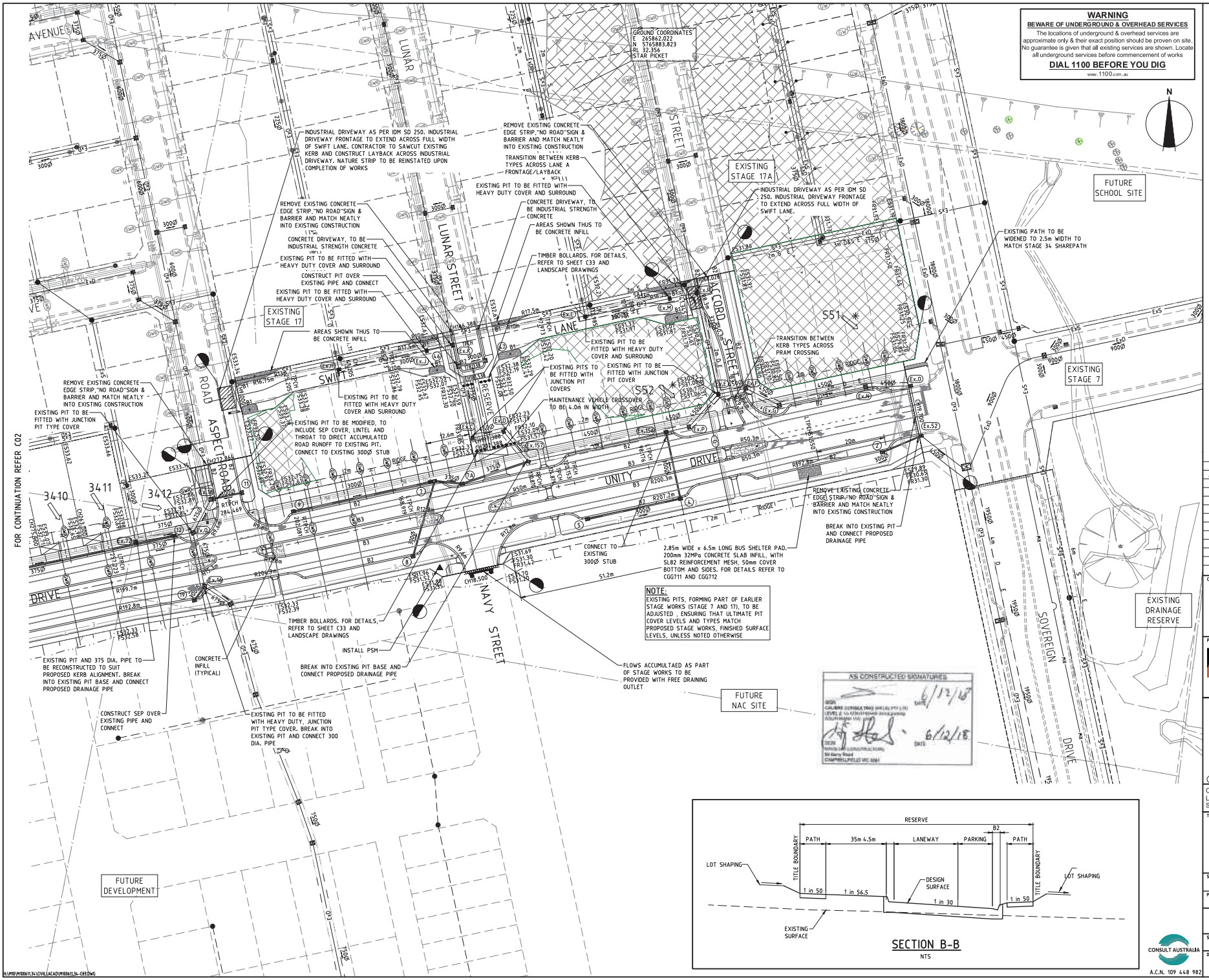

SECTION B-B
NTS

AC	11/12/18	AS CONSTRUCTED ISSUE
S	19/10/18	BUS BAY ADDED
4	06/09/18	EXISTING PIT MARKS ADDED
3	20/08/18	UNITY FPATH REALIGNED, HD RELOCATED
2	16/02/18	NAVY STREET INTERSECTION RELOCATED
1	13/09/17	RESERVE BOLLARDS AMENDED
0	10/07/17	CONSTRUCTION ISSUE
D	23/06/17	SWIFT LANE AMENDED
C	29/05/17	SWIFT LANE/LUNAR ST-RESERVE AMENDED
B	08/05/17	COUNCIL COMMENTS
A		ISSUED FOR APPROVAL
	DATE	COMMENTS

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Southbank VIC 3006
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TITLE
LAYOUT PLAN - 2

1:500	10 5 0 10 20	A1
1:1000		A3

SCALE @ A1	DRAWN	DESIGNED
1:500	R.KOZUL	R.KOZUL
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
J.CONSIGLIO	T.PALIOS	DECEMBER 2016

AS CONSTRUCTED

SIGNED | DATE

DRAWING NUMBER: M100611.34-C03
REVISION: AC

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