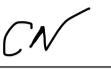
 01/05/2026  
 SIGNED (CONSULTANT) DATE:  
 01/05/2026  
 SIGNED (CONTRACTOR) DATE:

**AS-CONSTRUCTED PLAN**  
 THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. UNLESS OTHERWISE SHOWN, THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

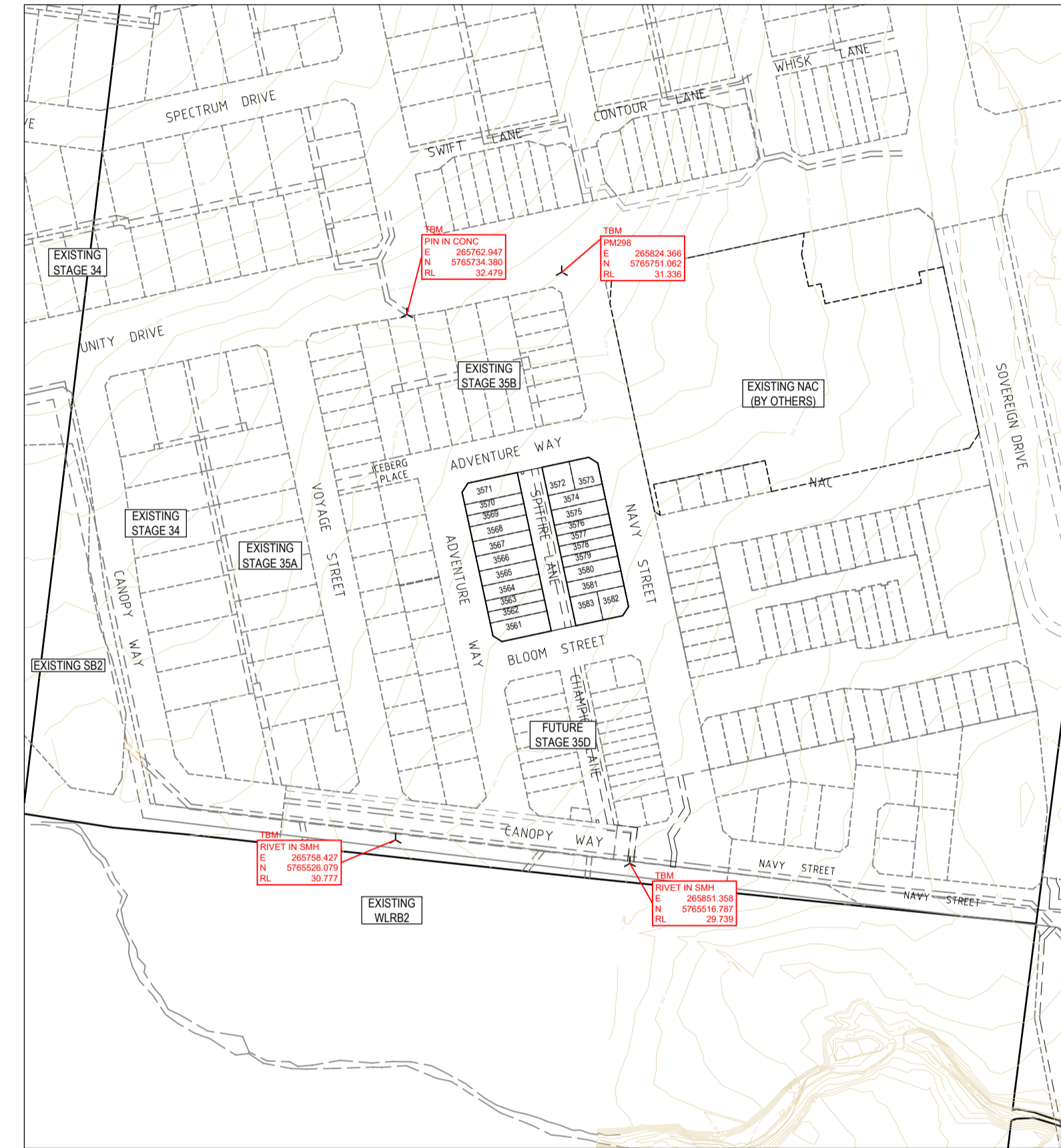
# ARMSTRONG

## STAGE 35C

# CITY OF GREATER GEELONG

### GENERAL NOTES:

- THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS AND GREATER GEELONG CITY COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
- THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THEY SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
- THE CONTRACTOR SHALL:
  - COMPLY WITH THE "SAFETY PRECAUTIONS IN TRENCHING OPERATIONS" (CODE OF PRACTICE No.8, 1998)
  - NOTIFY WORK SAFE OF HIS INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER.
  - ENSURE THAT THE MINE MANAGER OR HIS DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
- THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVANT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- REDGUM TREES MARKED ON THE APPROVED PLANS FOR REMOVAL MUST BE REMOVED IN ACCORDANCE WITH COUNCIL'S PLANNING PERMIT. NO EXCAVATION SHALL BE CARRIED OUT WITHIN THE TREE PROTECTION ZONE OF ANY EXISTING TREE WITHOUT WRITTEN APPROVAL FROM COUNCIL'S SUPERVISING OFFICER.
- ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEADS, WHERE LIP OF KERB CHAINAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB. DO NOT SCALE OFF THESE DRAWINGS, WRITTEN DIMENSIONS ONLY SHALL BE USED.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- ALL EXCAVATED OR FILLED AREAS OUTSIDE THE ROAD RESERVES TO BE STRIPPED OF TOPSOIL AND STOCKPILED PRIOR TO EARTHWORKS COMMENCING. THESE AREAS SHALL BE RESURFACED WITH A 150mm LAYER OF TOPSOIL AS SPECIFIED.
- NO TOPSOIL TO BE REMOVED FROM SITE.
- NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE UNLESS DIRECTED BY THE SUPERINTENDENT.
- FILLING ON ALLOTMENTS AND UNDER ROAD PAVEMENTS TO HAVE LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-1996. INDIVIDUAL LOT CERTIFICATES ARE TO BE PROVIDED TO THE SUPERINTENDENT.
- FILLING UNDER DRIVEWAYS AND FOOTPATH IS TO BE APPROVED BY THE SUPERINTENDENT AND CONSTRUCTED IN LAYERS 150mm DEPTH. COMPACTION ACHIEVING A MINIMUM DENSITY RATIO OF 98% (STANDARD) IN ACCORDANCE WITH AS1289 CLAUSE 5.1.1.
- CUT AND FILL BATTER SLOPES ARE NOT TO EXCEED 1 in 6 UNLESS SHOWN OTHERWISE.
- ALL DRAINAGE PIPES ARE TO BE SPIGOT-SOCKET RUBBER RING JOINTED UNLESS STATED OTHERWISE.
- ALL DRAINAGE TRENCHES UNDER PARKING BAYS, DRIVEWAYS, FOOTPATHS AND BEHIND KERB & CHANNEL, SHALL BE BACKFILLED WITH CRUSHED ROCK AS SPECIFIED.
- ALL PIPES UNDER ROADS SHALL BE BACKFILLED WITH 2% STABILIZED SAND TO SPRINGLINE. ABOVE THIS POINT, PROVIDE 20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98% MODIFIED COMPACTION IN 150mm MAXIMUM LAYER.
- PROPERTY INLETS AS PER INFRASTRUCTURE DESIGN MANUAL (IDM) STANDARD DRAWING SD 520 ARE TO BE LOCATED 1.0m FROM LOW SIDE BOUNDARY UNLESS SHOWN OTHERWISE.
- ALL HOUSE DRAIN CONNECTIONS ARE TO BE LOCATED NO CLOSER THAN 6.0m FROM THE SIDE BOUNDARY OR FROM EASEMENT ALONG THE SIDE BOUNDARY UNLESS NOTED OTHERWISE AND CONNECTED DIRECTLY TO UNDERGROUND DRAIN OR PIT. HOUSE DRAIN LOCATION TO BE MARKED (50mm STAMPED IMPRESSION) ON THE TOP OF THE KERB.
- SUBSOIL DRAINS SHALL BE INSTALLED BEHIND OR BELOW ALL KERB AND CHANNEL.
- CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. CONDUITS TO BE EXTENDED TO PROPERTY LINE AND ARE REQUIRED WHEN CONNECTIONS EXTEND UNDER ROAD PAVEMENT, FOOTPATH OR OTHER INFRASTRUCTURE. BOTH KERBS ARE TO BE MARKED (50mm STAMPED IMPRESSION) WITH THE LETTERS E (ELECTRICAL), G (GAS), T (TELEPHONE), W (WATER) AND C (COUNCIL COMMUNICATION) ABOVE CONDUIT LOCATION.
- ALL SERVICING TRENCHES UNDER ROADS, DRIVEWAYS, FOOTPATHS ETC. ARE TO BE BACKFILLED & COMPACTED WITH F.C.R. IN THE CASE OF TRENCHES UNDER ROADS WHERE BACKFILLING HAS NOT ACHIEVED THE SPECIFIED COMPACTION OR SHOWS EXCESSIVE MOVEMENT UNDER PROOF ROLLING, THE BACKFILLING SHALL BE REMOVED AND REPLACED WITH 2% STABILISED COMPACTED F.C.R.
- NO COMMUNICATION PITS ARE TO BE LOCATED IN THE FOOTPATH.
- VEHICULAR CROSSINGS TO BE LOCATED CLEAR OF DRAINAGE PITS, SEWER MAINTENANCE HOLES AND EXISTING TREES. VEHICLE CROSSINGS TO BE 1m FROM PROPERTY BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN. VEHICULAR CROSSINGS TO BE CONSTRUCTED AS PER CITY OF GREATER GEELONG "DESIGN NOTES No.4" DATED AUGUST 2012 & IDM STANDARD DRAWINGS SD205 to SD265.
- ALL PEDESTRIAN CROSSINGS TO BE IN ACCORDANCE WITH INFRASTRUCTURE DESIGN MANUAL SD200.
- ALL STREET SIGNS TO BE IN ACCORDANCE WITH INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS. STREET SIGNS TO BE ATTACHED TO LIGHT POLES USING SINGLE DIRECTION COLLAR OR 90° RIGHT ANGLE COLLAR UNLESS SHOWN OTHERWISE.
- ALL PAVEMENT MARKINGS AND TRAFFIC SIGNS SHOULD BE TO AS1742.2 AND AS1742.1 STANDARD RESPECTIVELY. TEMPORARY LINEMARKING TO BE PLACED DURING MAINTENANCE PERIOD PRIOR TO PLACEMENT OF WEARING COURSE. FINAL LINEMARKING TO BE LONG LIFE ROAD MARKING WITH LONGITUDINAL LINES IN THERMOPLASTIC AND TRANSVERSE MARKINGS IN COLD APPLIED.
- UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED, GRADED, ALL RUBBISH REMOVED AND LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.
- ALL AREAS OF SUBDIVISION EXPOSED OF VEGETATION, INCLUDING NATURE STRIPS, LOTS AND RESERVES ARE TO BE FULLY GRASSED BY HYDRO MULCHING, WATERED AND MAINTAINED, UNTIL THE END OF MAINTENANCE PERIOD.
- ALL SUMPS IN PRECAST CONCRETE PITS ARE TO BE INFILLED WITH CONCRETE FLUSH TO THE INVERT LEVEL OF THE OUTLET PIPE, UNLESS APPROVED OTHERWISE BY THE COUNCIL WORKS INSPECTOR.
- CITY OF GREATER GEELONG REQUIRES CCTV OF ALL DRAINAGE PIPES AND PITS, PRIOR TO THE ISSUE OF THE STATEMENT OF COMPLIANCE



**LOCALITY PLAN**  
 MELWAYS REF: 479 E3

### SURVEY INFORMATION

Number	Mark name/Parish	Easting	Northing	Height	H Order	V Order
PM NO 69	CONEWARRE	266581.046	5763280.911	46.286	3	3
PM NO 156	CONEWARRE	266921.384	5764452.047	21.969	3	3
PM NO 7	DUNEED	263608.190	5765855.564	59.241	3	3
TBM	RIVET IN SMH	265758.427	5765526.079	30.777		
TBM	RIVET IN SMH	265851.358	5765516.787	29.739		
TBM	PIN IN CONC	265762.947	5765734.380	32.479		

DRAWING INDEX		
DRAWING NO.	DRAWING TITLE	REVISION
R100	COVER SHEET	AC
R200	LAYOUT PLAN	AC
R201	SERVICES PLAN	AC
R202	EARTHWORKS PLAN	AC
R400	LONGITUDINAL & CROSS SECTIONS	AC
R600	DRAINAGE LONG SECTIONS & TYPICAL DETAILS	AC
R800	SIGNAGE & LINEMARKING	AC

**WARNING**  
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**BEFORE YOU DIG**  
[www.byda.com.au](http://www.byda.com.au)

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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	27.04.26	AS CONSTRUCTED	C.DCOSTA	J.RAMSAY	M.TROUNCE
2	14.10.2025	UPDATED SERVICE CONNECTIONS AND LANDSCAPE CUTOUTS	J.RAMSAY	J.RAMSAY	M.TROUNCE
1	12.09.2025	UPDATED LOT LAYOUT	J.RAMSAY	J.RAMSAY	M.TROUNCE
0	14/08/25	ISSUED FOR CONSTRUCTION	I.HOGAN	J.RAMSAY	M.TROUNCE
B	11/07/25	COUNCIL COMMENTS DATED 10/07/25	I.HOGAN	J.RAMSAY	M.TROUNCE
A	22/04/25	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE



Communities Designed for Living



Suite 1, 2 Bloomsbury Street  
 Newtown, VIC, Australia 3220

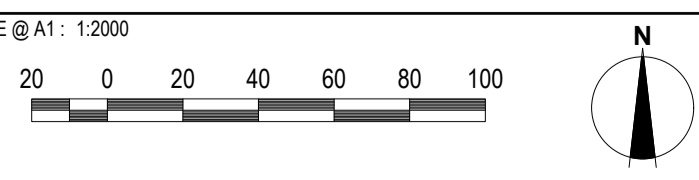


**ARMSTRONG STAGE 35C**  
**COVER SHEET**

PLANNING PERMIT No. PP-496-2012

**AS CONSTRUCTED**

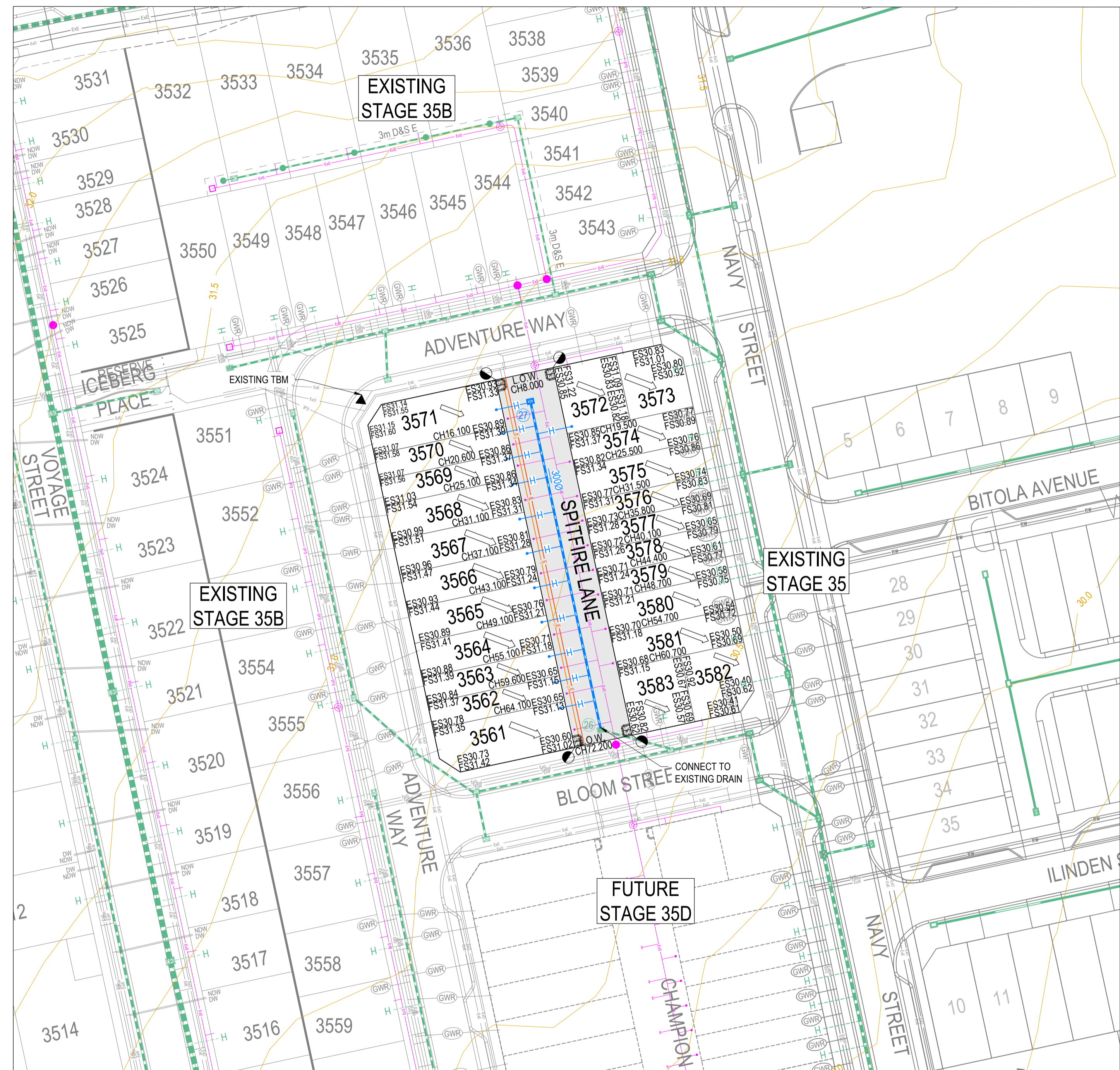
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DESIGNED	PROJECT ENGINEER	
I.HOGAN	J.RAMSAY (PE0015586)	
DRAWN	PROJECT MANAGER	
I.HOGAN	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
<b>180016.35C</b>	<b>R100</b>	<b>AC</b>

R 01/05/2026  
 SIGNED (CONSULTANT) DATE:  
 CN 01/05/2026  
 SIGNED (CONTRACTOR) DATE:

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



**LEGEND - LAYOUT PLAN**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- EXISTING STORMWATER DRAIN
- EXISTING HOUSE DRAIN
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- HOUSE DRAIN
- SERVICE CONDUITS
- PROPOSED ELECTRICITY (UNDERGROUND)
- PROPOSED GAS
- PROPOSED OPTIC FIBRE
- PROPOSED TELSTRA
- PROPOSED WATER
- PROPOSED RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- EXISTING SURFACE LEVEL
- FINISHED SURFACE LEVEL
- FINISHED RIDGE LINE LEVEL
- DIRECTION OF FALL (ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED)
- OVERLAND FLOW
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, NO ROAD SIGN & BARRIER, LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO REMAIN
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & HEAVY DUTY DRIVEWAY
- RIDGE LINE
- EXISTING CONTOURS
- TACTILE PAVERS

- NOTES:**
- ALL VEHICLE AND PRAM CROSSING LAYBACKS, TO BE MINIMUM OF 1.0m FROM PITS.
  - ALL PRAM CROSSINGS TO BE A MINIMUM 2.0m FROM VEHICLE CROSSINGS.
  - ALL PRAM CROSSINGS TO BE DDA COMPLIANT.
  - VEHICLE EXCLUSION MEASURES BETWEEN ROAD RESERVE AND RESERVE TO FORM PART OF LANDSCAPE WORKS.
  - THE USE OF DIRECTIONAL AND HAZARD TACTILE PAVERS MUST ACCORD WITH SECTION 2.2.3.1 OF AS/NZS 1428.4:2002.
  - SEWER MAINTENANCE HOLE CONVERTER SLAB OR CONE, TO BE ROTATED TO ENSURE COVER POSITION IS CENTRALLY LOCATED WITHIN FOOTPATH.
  - CHAINAGES FOR SETOUT OF PROPERTY INLET POINTS, SERVICING FUTURE LOTS, ARE MEASURED FROM THE DOWNSTREAM PIT.
  - CONTRACTOR TO LOCATE ALL EXISTING ASSETS PRIOR TO COMMENCEMENT OF WORKS. ANY DAMAGE TO EXISTING ASSETS TO BE RECTIFIED AT CONTRACTORS EXPENSE.
  - CONTRACTOR TO VERIFY DEPTH OF EXISTING SERVICES, PRIOR TO COMMENCEMENT OF CONSTRUCTION.

**NOTE:**  
CONTRACTOR IS TO VERIFY ALL CONNECTION LEVELS PRIOR TO COMMENCEMENT OF WORKS AND NOTIFY CREO CIVIL IF THERE ARE DIFFERENCES

**WARNING**  
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A	22/04/25	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE

Communities Designed for Living

Suite 1, 2 Bloomsbury Street  
 Newtown, VIC, Australia 3220

DRAWING TITLE  
**ARMSTRONG STAGE 35C LAYOUT PLAN**  
 PLANNING PERMIT No. PP-496-2012

STATUS  
**AS CONSTRUCTED**  
 SCALE @ A1 : 1:500

DESIGNED	PROJECT ENGINEER	
I.HOGAN	J.RAMSAY (PE0015586)	
DRAWN	PROJECT MANAGER	
I.HOGAN	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
<b>180016.35C</b>	<b>R200</b>	<b>AC</b>

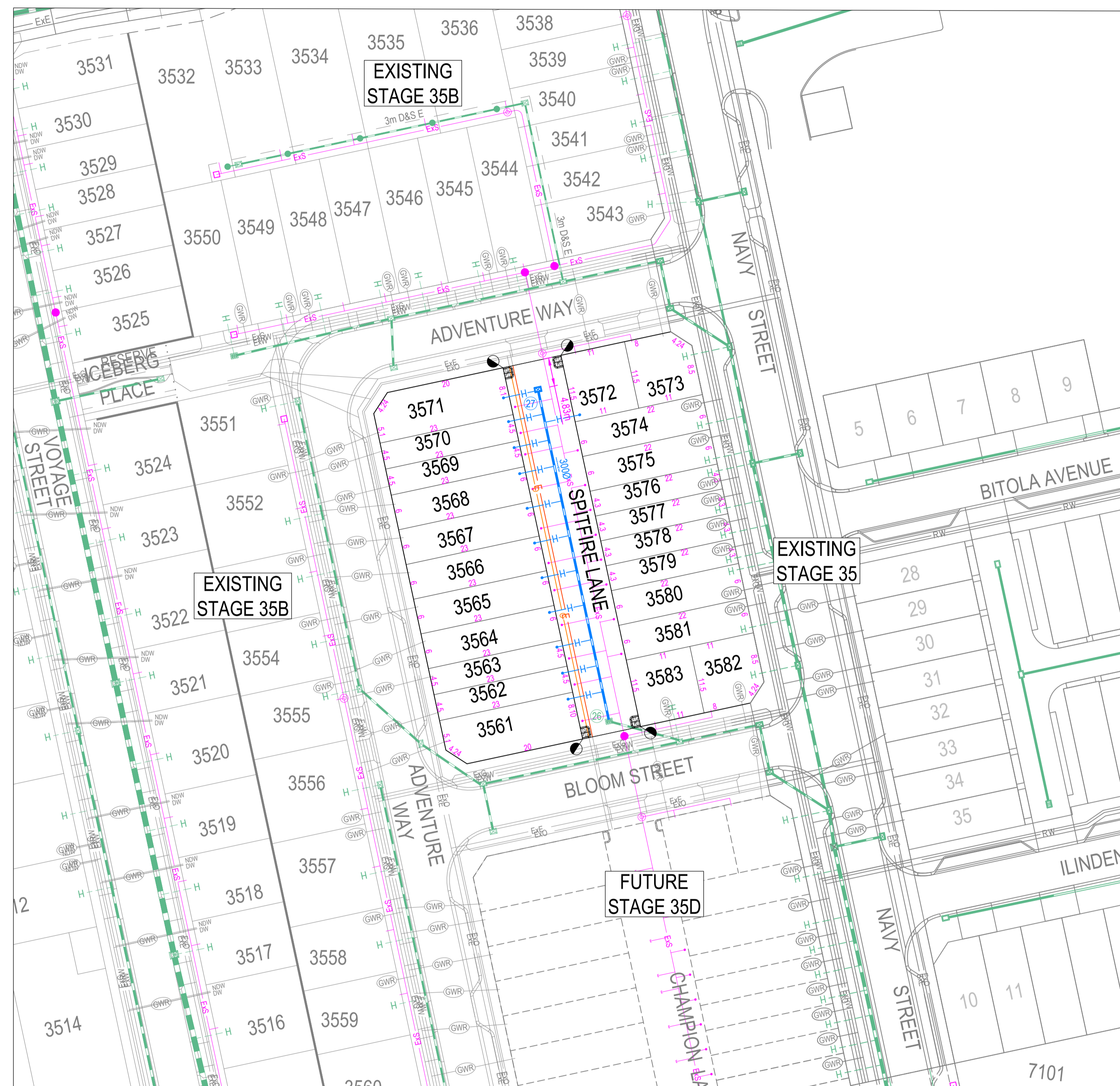
<i>R</i>	01/05/2026
SIGNED (CONSULTANT)	DATE:
<i>CN</i>	01/05/2026
SIGNED (CONTRACTOR)	DATE:

SERVICES OFFSET SCHEDULE

ROAD NAME	GAS		RECYCLED WATER		POTABLE WATER		OPTIC FIBRE		ELECTRICITY		PUBLIC LIGHTING	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
SPIRE LANE	-	-	-	-	-	-	W	1.10	W	1.70	-	-

1. \* DENOTES OFFSET FROM BACK OF KERB.

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



**LEGEND - SERVICES PLAN**

- STORMWATER DRAIN, PIT & PROPERTY INLET
- EXISTING STORMWATER DRAIN
- SEWER & MAINTENANCE STRUCTURES
- EXISTING SEWER
- HOUSE DRAIN
- SERVICE CONDUITS
- PROPOSED ELECTRICITY (UNDERGROUND)
- PROPOSED GAS
- PROPOSED OPTIC FIBRE
- PROPOSED TELSTRA
- PROPOSED WATER
- PROPOSED RECYCLED WATER
- EXISTING ELECTRICITY (UNDERGROUND)
- EXISTING ELECTRICITY (OVERHEAD)
- EXISTING GAS
- EXISTING OPTIC FIBRE
- EXISTING TELSTRA
- EXISTING WATER
- EXISTING RECYCLED WATER
- PROPOSED PAVEMENT, KERB & CHANNEL, FOOTPATH & DRIVEWAY
- STORMWATER PIT SETOUT POINT

**NOTE:**  
CONTRACTOR IS TO VERIFY ALL CONNECTION LEVELS PRIOR TO COMMENCEMENT OF WORKS AND NOTIFY CREO CIVIL IF THERE ARE DIFFERENCES

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**villawood properties**  
Communities Designed for Living

**creo CIVIL**  
Suite 1, 2 Bloomsbury Street  
Newtown, VIC, Australia 3220

**ARMSTRONG**  
MT DUNEED

**ARMSTRONG STAGE 35C SERVICES PLAN**  
PLANNING PERMIT No. PP-496-2012

**AS CONSTRUCTED**  
SCALE @ A1 : 1:500

DESIGNED	I.HOGAN	PROJECT ENGINEER	J.RAMSAY (PE0015586)
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	<b>180016.35C</b>	DRAWING No.	<b>R201</b>
REVISION			<b>AC</b>

R 01/05/2026  
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 CN 01/05/2026  
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CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



**LEGEND - EARTHWORKS PLAN**

- RIDGE LINE
- TOE OF BATTER
- SWALE DRAIN
- ES141.34 EXISTING SURFACE LEVEL
- FS140.35 FINISHED BUILDING LINE LEVEL
- FR157.40 FINISHED RIDGE LINE LEVEL
- TW159.30 TOP OF RETAINING WALL
- BW159.30 BOTTOM OF RETAINING WALL
- RETAINING WALL
- STRUCTURAL FILL > 200mm DEEP
- EX. STRUCTURAL FILL > 200mm DEEP
- DIRECTION OF FALL (ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED)
- OVERLAND FLOW
- 0.05m CONTOUR

**NOTE:**  
 CONTRACTOR IS TO VERIFY ALL CONNECTION LEVELS PRIOR TO COMMENCEMENT OF WORKS AND NOTIFY CREO CIVIL IF THERE ARE DIFFERENCES

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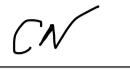
PROJECT

DRAWING TITLE  
**ARMSTRONG STAGE 35C EARTHWORKS PLAN**  
 PLANNING PERMIT No. PP-496-2012

STATUS  
**AS CONSTRUCTED**  
 SCALE @ A1 : 1:500

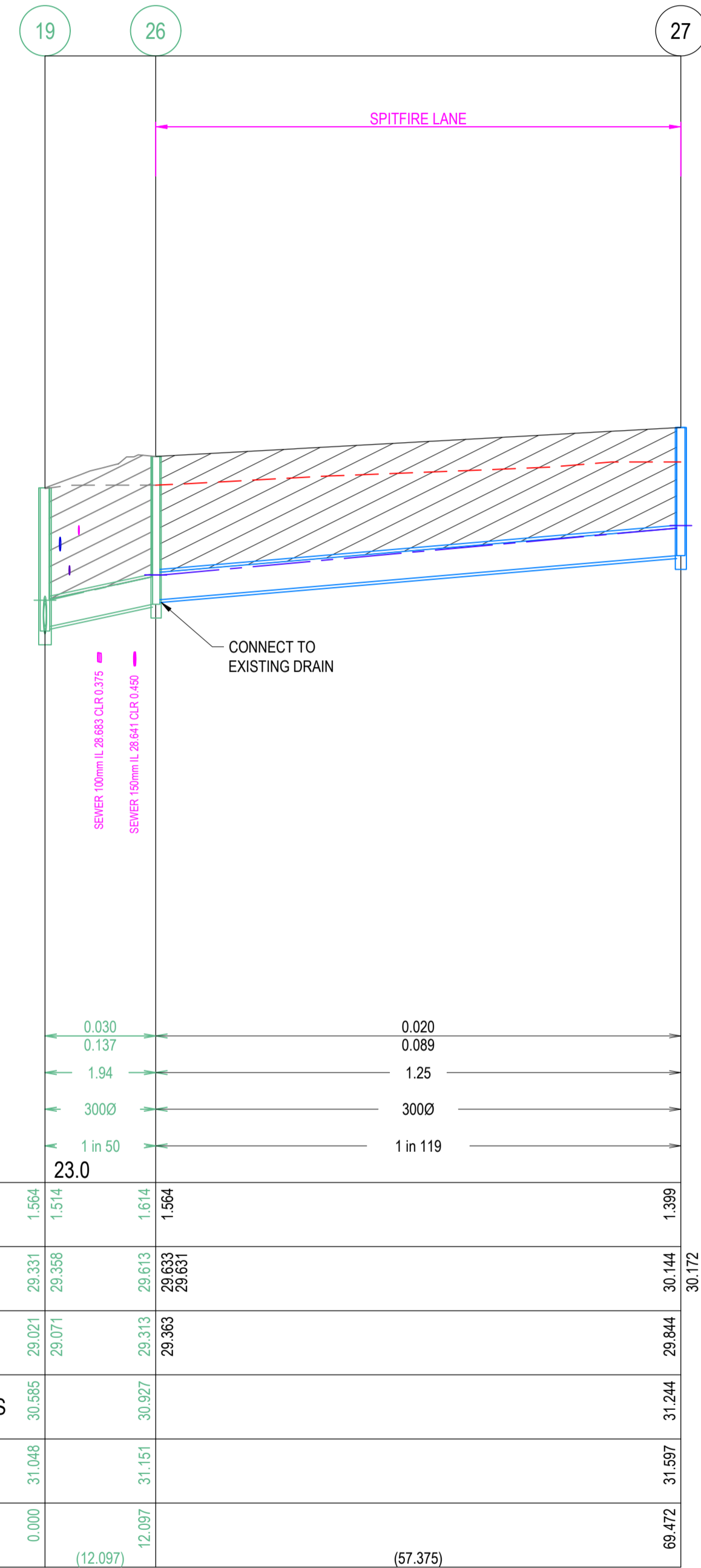
DESIGNED	I.HOGAN	PROJECT ENGINEER	J.RAMSAY (PE0015586)
DRAWN	I.HOGAN	PROJECT MANAGER	M.TROUNCE
PROJECT No.	<b>180016.35C</b>	DRAWING No.	<b>R202</b>
REVISION			<b>AC</b>

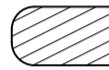


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CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL

PIT SCHEDULE											
PIT NUMBER	TYPE	INTERNAL		INLET		OUTLET		COVER LEVEL (m)	DEPTH (m)	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIA. (mm)	INVERT RL (m)	DIA. (mm)	INVERT RL (m)				
EX.19	EXISTING SIDE ENTRY PIT	600	900	300	29.071	300	29.021	30.585	1.584		
EX.26	EX. GRATED JUNCTION PIT	600	900	300	29.363	300	29.313	30.927	1.614		CONNECT TO EXISTING PIT. MAKE GOOD CONNECTION
27	GRATED JUNCTION PIT	600	900			300	29.844	31.244	1.399	IDM SD455	



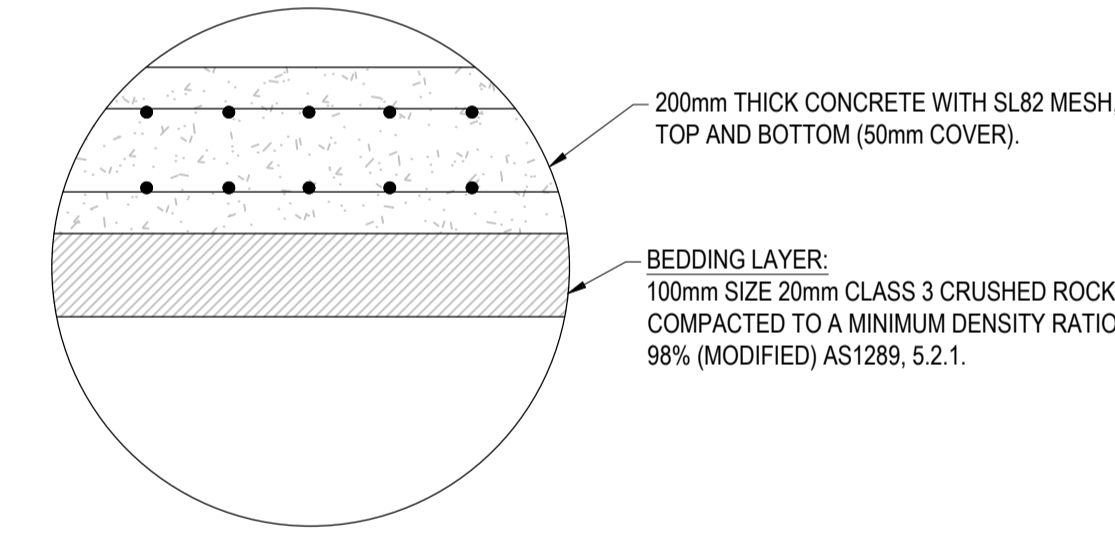
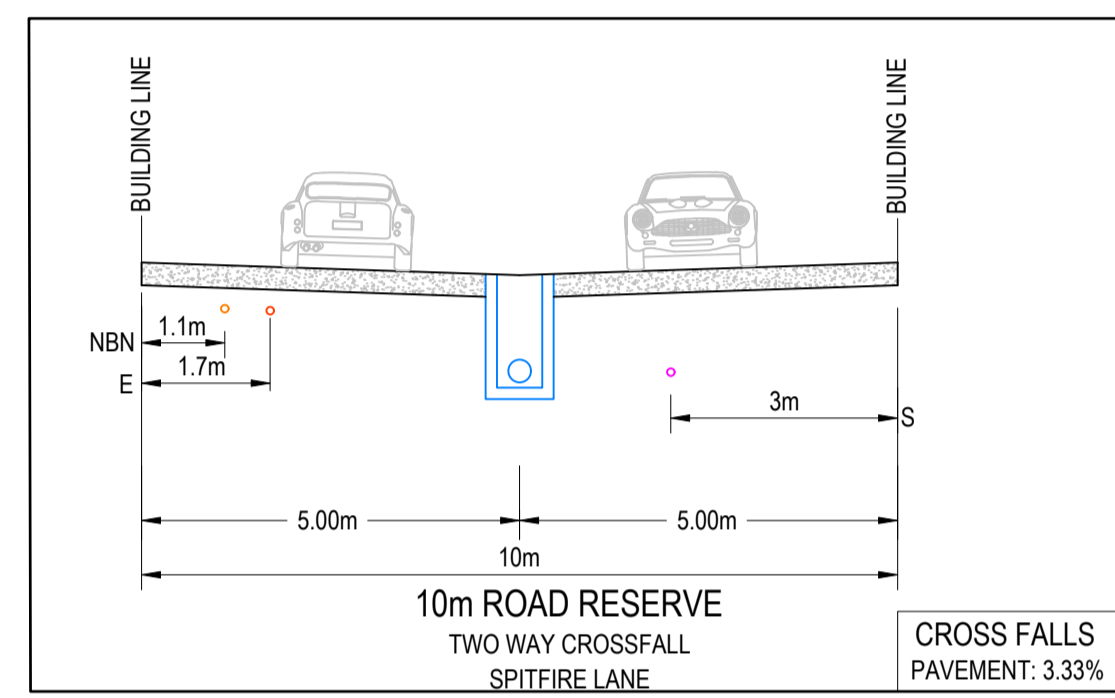
**LEGEND - DRAINAGE LONG SECTION**  
 - - - EXISTING SURFACE  
 — DESIGN LINE  
 — DRAINAGE PIPE/PIT  
 - - - EXISTING DRAINAGE PIPE/PIT  
 — HYDRAULIC GRADE LINE  
 CRUSHED ROCK BACKFILL  
 NOTE: ALL DRAINAGE PIPES ARE CLASS 2 TYPE UNLESS OTHERWISE SHOWN

**NOTE:**  
 IN ACCORDANCE WITH C.O.G.G DESIGN NOTE 8 (DATED JANUARY 2020) EXISTING DRAINAGE LOCATED WITHIN PROPOSED STAGE WORKS ARE REQUIRED TO BE RE-CCT'VD TO CONFIRM NO CONSEQUENTIAL DAMAGE HAS OCCURRED

**NOTE:**  
 PIT COVERS ARE TO BE PROVIDED IN ACCORDANCE WITH CITY OF GREATER GEELONG DESIGN NOTE 13. ALL PITS WITHIN ROAD RESERVE ARE TO BE CLASS B FIBREGLASS REINFORCED PLASTIC (FRP) UNLESS AGREED OTHERWISE.

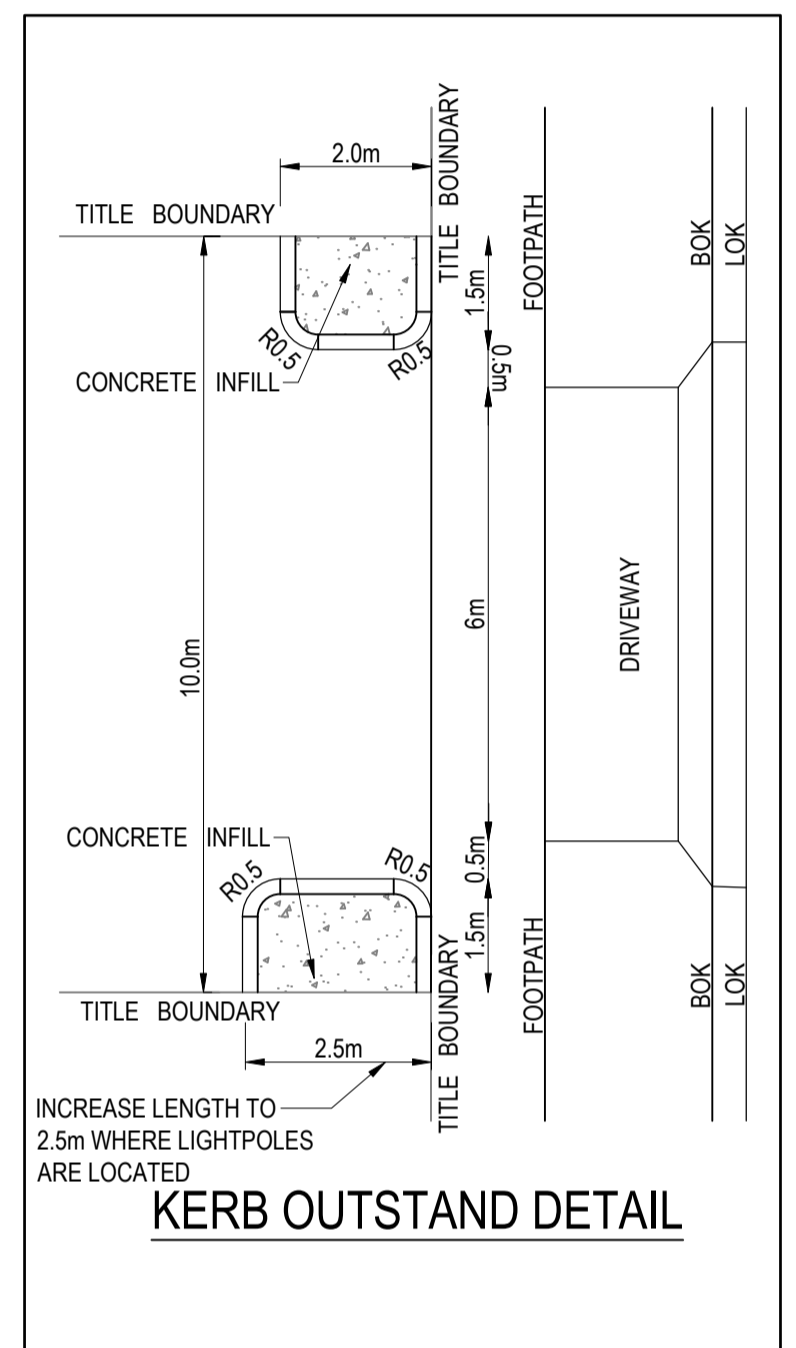
- NOTES**
- PIPE TRENCHES WITHIN THE ROAD RESERVE MUST BE BACKFILLED WITH 20mm NOM. SIZE CLASS 3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 98% MODIFIED RELATIVE COMPACTION IN 150mm THICK LAYER FOR THE FOLLOWING:
    - BENEATH DRIVEWAY CROSSOVERS TO THE UNDERSIDE OF THE PAVEMENT OR CROSSOVER.
    - ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY A 45 DEGREE ANGLE OF REPOSE FROM NEAR THE LOWER EDGE.
  - ALL PIPES UNDER ROADS SHALL BE BACKFILLED WITH 2% STABILISED SAND TO SPRINGLINE. ABOVE THIS POINT, PROVIDE 20mm NOMINAL SIZE CLASS 3 FINE CRUSHED ROCK (WETMIX) COMPACTED TO 98% MODIFIED COMPACTION IN 150mm MAXIMUM LAYER.
  - ALL DRAINAGE PIPES TO BE SPIGOT-SOCKET RUBBER RING JOINTED (RRJ).
  - ALL DRAINAGE PIPES SHALL BE CLASS 2 RCP, UNLESS OTHERWISE NOTED.
  - WHERE PITS DROP LESS THAN 50mm, THE PIT FLOOR MUST BE SHAPED TO MATCH THE LOWER HALF OF THE PIPE.
  - ALL SPLAYED SECTIONS OF PIPE ARE TO BE BACKFILLED WITH 2% STABILIZED SAND, 300mm ABOVE TOP OF PIPE.

**DRAINAGE LONGITUDINAL SECTIONS & PIT SCHEDULE**



**PAVEMENT COMPOSITION**  
 SPITFIRE LANE  
 300mm DEPTH  
 NTS

**NOTE:**  
 IN HIGHLY EXPANSIVE CLAY HD POLYETHYLENE MOISTURE BARRIER SHEETING IS TO EXTEND UNDER THE KERB AND LINE THE SUBSOIL TRENCH AND GEOTEXTILE FABRIC IN OTHER SITUATIONS AS PER IDM SD 145



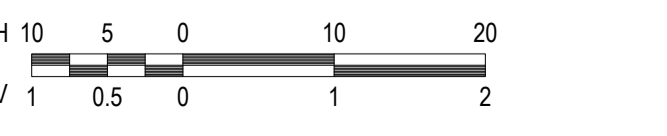
**KERB OUTSTAND DETAIL**  
 INCREASE LENGTH TO 2.5m WHERE LIGHTPOLES ARE LOCATED

**TYPICAL DETAILS**



REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	27/04/26	AS CONSTRUCTED	C.DCOSTA	J.RAMSAJ	M.TROUNCE
0	14/08/25	ISSUED FOR CONSTRUCTION	I.HOGAN	J.RAMSAJ	M.TROUNCE
B	11/07/25	COUNCIL COMMENTS DATED 10/07/25	I.HOGAN	J.RAMSAJ	M.TROUNCE
A	22/04/25	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAJ	M.TROUNCE



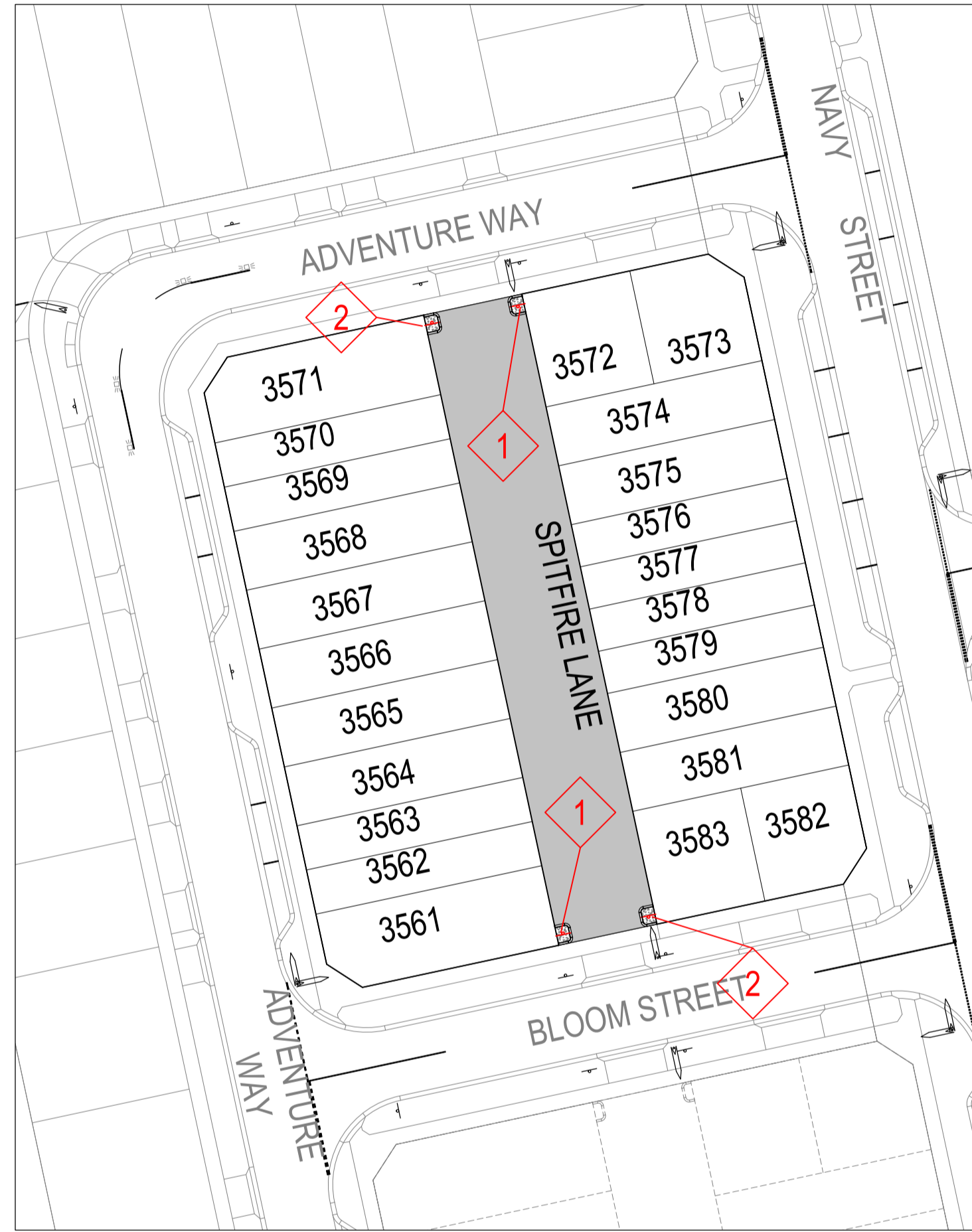
**ARMSTRONG STAGE 35C**  
**DRAINAGE LONG SECTIONS & TYPICAL DETAILS**  
 PLANNING PERMIT No. PP-496-2012

**AS CONSTRUCTED**  
 SCALE @ A1: 1:500 (H) 1:50 (V)  



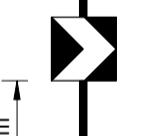

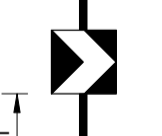
DESIGNED	PROJECT ENGINEER	
I.HOGAN	J.RAMSAJ (PE0015586)	
DRAWN	PROJECT MANAGER	
I.HOGAN	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
180016.35C	R600	AC

 01/05/2026  
 SIGNED (CONSULTANT) DATE:  
 01/05/2026  
 SIGNED (CONTRACTOR) DATE:

CITY OF GREATER GEELONG TO STAMP HERE UPON APPROVAL



**SIGN SCHEDULE**

SIGN	REF	QUANTITY
 R5-72A  D4-1-2a 600mm	1	2 No.
 R5-73A  D4-1-2A 600mm	2	2 No.

**SIGNAGE & LINEMARKING NOTES:**

- 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPMS AT MAX 6m SPACING.
- RRPMS TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOL. 2.
- ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1742.
- ALL SIGNS AND LINEMARKING TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOLUME 2 - SIGNS & MARKINGS.
- ALL SIGN POSTS TO BE SLEEVED IN ACCORDANCE WITH COGG SD CGG710 - SIGN POSTS.
- ALL LINEMARKING TO BE THERMOPLASTIC PERMANENT PAINT.
- ALL STREET HYDRANTS TO BE IDENTIFIED IN ACCORDANCE WITH C.F.A. DOCUMENT - IDENTIFICATION OF STREET HYDRANTS FOR FIREFIGHTING PURPOSES, PUBLISHED JULY 2019 INCLUDING INSTALLATION OF BLUE RAISED REFLECTIVE PAVEMENT MARKERS & PAINTED WHITE REFLECTIVE TRIANGLES.

REVISION	DATE	ISSUE DESCRIPTION	DRAWN	CHECKED	APPROVED
AC	27.04.26	AS CONSTRUCTED	C.DCOSTA	J.RAMSAY	M.TROUNCE
2	14.10.2025	REMOVED LANDSCAPE CUTOUTS	J.RAMSAY	J.RAMSAY	M.TROUNCE
1	12.09.2025	UPDATED LOT LAYOUT	J.RAMSAY	J.RAMSAY	M.TROUNCE
0	14/08/25	ISSUED FOR CONSTRUCTION	I.HOGAN	J.RAMSAY	M.TROUNCE
B	11/07/25	COUNCIL COMMENTS DATED 10/07/25	I.HOGAN	J.RAMSAY	M.TROUNCE
A	22/04/25	ISSUED FOR APPROVAL	I.HOGAN	J.RAMSAY	M.TROUNCE

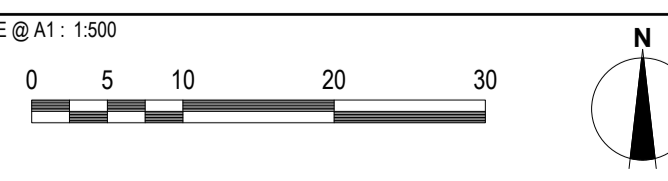


**ARMSTRONG STAGE 35C**  
**SIGNAGE & LINEMARKING PLAN**

PLANNING PERMIT No. PP-496-2012

**AS CONSTRUCTED**

SCALE @ A1 : 1:500



DESIGNED	PROJECT ENGINEER	
I.HOGAN	J.RAMSAY (PE0015586)	
DRAWN	PROJECT MANAGER	
I.HOGAN	M.TROUNCE	
PROJECT No.	DRAWING No.	REVISION
<b>180016.35C</b>	<b>R800</b>	<b>AC</b>