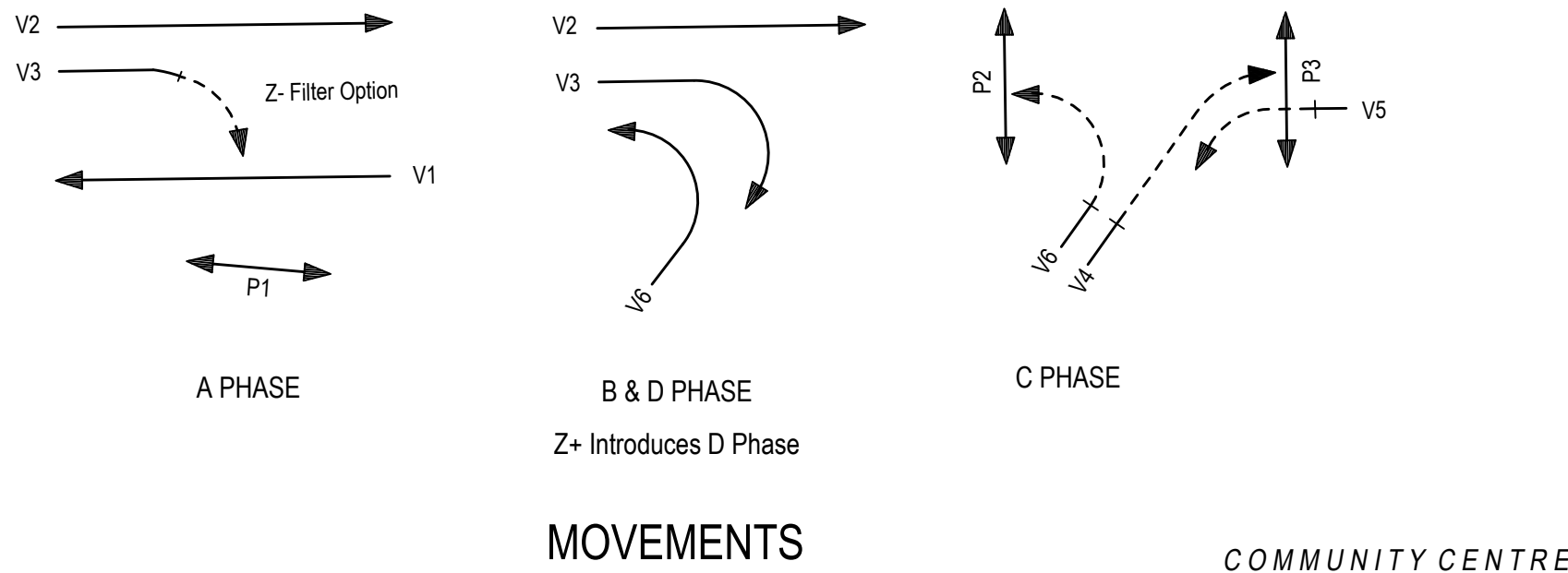
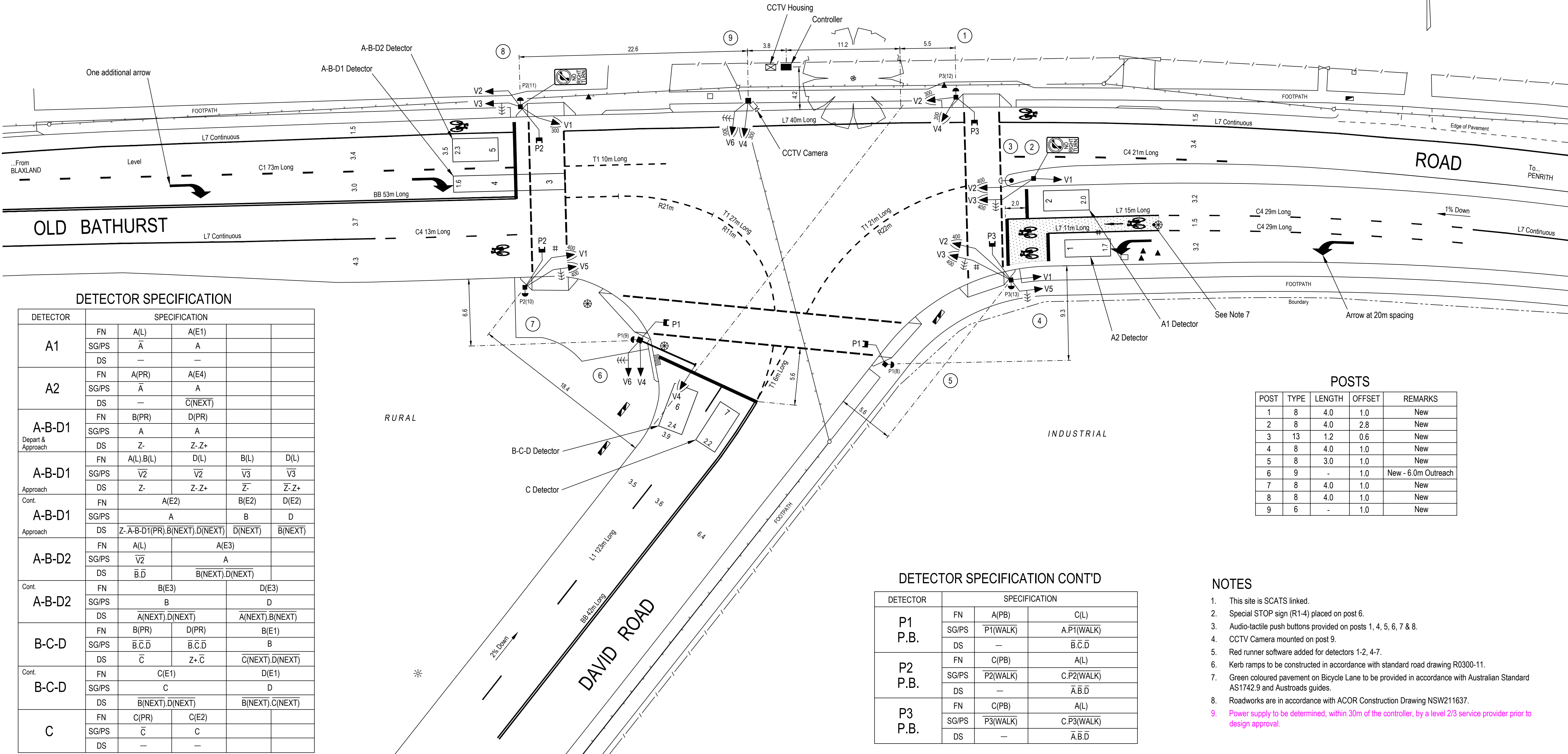




| SIGNAL GROUP | PHASE WHEN GREEN |   |   |   | STANDARD TABLE | REMARKS                                                                                                        |
|--------------|------------------|---|---|---|----------------|----------------------------------------------------------------------------------------------------------------|
|              | A                | B | C | D |                |                                                                                                                |
| V1           | X                |   |   |   | 1              |                                                                                                                |
| V2           | X                | X |   | X | 3              |                                                                                                                |
| V3           |                  | X |   | X | 81             | Z- Filter Option. Timed RA protection for 'P1' Pedestrians. Push button on Post 6 extends RA subject to timer. |
| V4           |                  |   | C |   | 74             | Timed RA protection for 'P3' Pedestrians. Push button on Post 4 extends RA subject to timer.                   |
| V5           |                  |   | C |   | 76             | Timed RA protection for 'P1' Pedestrians. Push button on Post 6 extends RA subject to timer.                   |
| V6           |                  | X | C | X | 77             | Timed RA protection for 'P2' Pedestrians. Push button on Post 8 extends RA subject to timer.                   |
| P1           | X                |   |   |   | 2              |                                                                                                                |
| P2           |                  |   | X |   | 2              |                                                                                                                |
| P3           |                  |   | X |   | 2              |                                                                                                                |

RURAL / RESIDENTIAL



DETECTOR SPECIFICATION

| DETECTOR                    | SPECIFICATION |                              |                 |                 |         |
|-----------------------------|---------------|------------------------------|-----------------|-----------------|---------|
| A1                          | FN            | A(L)                         | A(E1)           |                 |         |
|                             | SG/PS         | A                            | A               |                 |         |
|                             | DS            | —                            | —               |                 |         |
| A2                          | FN            | A(PR)                        | A(E4)           |                 |         |
|                             | SG/PS         | A                            | A               |                 |         |
|                             | DS            | —                            | C(NEXT)         |                 |         |
| A-B-D1<br>Depart & Approach | FN            | B(PR)                        | D(PR)           |                 |         |
|                             | SG/PS         | A                            | A               |                 |         |
|                             | DS            | Z-                           | Z-Z+            |                 |         |
| A-B-D1<br>Approach          | FN            | A(L),B(L)                    | D(L)            | B(L)            | D(L)    |
|                             | SG/PS         | V2                           | V2              | V3              | V3      |
|                             | DS            | Z-                           | Z-Z+            | Z-              | Z-Z+    |
| A-B-D1<br>Cont.             | FN            | A(E2)                        |                 | B(E2)           | D(E2)   |
|                             | SG/PS         | A                            |                 | B               | D       |
|                             | DS            | Z-A-B-D1(PR),B(NEXT),D(NEXT) |                 | D(NEXT)         | B(NEXT) |
| A-B-D2                      | FN            | A(L)                         | A(E3)           |                 |         |
|                             | SG/PS         | V2                           | A               |                 |         |
|                             | DS            | B,D                          | B(NEXT),D(NEXT) |                 |         |
| A-B-D2<br>Cont.             | FN            | B(E3)                        |                 | D(E3)           |         |
|                             | SG/PS         | B                            |                 | D               |         |
|                             | DS            | A(NEXT),D(NEXT)              |                 | A(NEXT),B(NEXT) |         |
| B-C-D                       | FN            | B(PR)                        | D(PR)           | B(E1)           |         |
|                             | SG/PS         | B,C,D                        | B,C,D           | B               |         |
|                             | DS            | C                            | Z+ C            | C(NEXT),D(NEXT) |         |
| B-C-D<br>Cont.              | FN            | C(E1)                        |                 | D(E1)           |         |
|                             | SG/PS         | C                            |                 | D               |         |
|                             | DS            | B(NEXT),D(NEXT)              |                 | B(NEXT),C(NEXT) |         |
| C                           | FN            | C(PR)                        | C(E2)           |                 |         |
|                             | SG/PS         | C                            | C               |                 |         |
|                             | DS            | —                            | —               |                 |         |

POSTS

| POST | TYPE | LENGTH | OFFSET | REMARKS             |
|------|------|--------|--------|---------------------|
| 1    | 8    | 4.0    | 1.0    | New                 |
| 2    | 8    | 4.0    | 2.8    | New                 |
| 3    | 13   | 1.2    | 0.6    | New                 |
| 4    | 8    | 4.0    | 1.0    | New                 |
| 5    | 8    | 3.0    | 1.0    | New                 |
| 6    | 9    | -      | 1.0    | New - 6.0m Outreach |
| 7    | 8    | 4.0    | 1.0    | New                 |
| 8    | 8    | 4.0    | 1.0    | New                 |
| 9    | 6    | -      | 1.0    | New                 |

DETECTOR SPECIFICATION CONT'D

| DETECTOR   | SPECIFICATION |          |            |
|------------|---------------|----------|------------|
| P1<br>P.B. | FN            | A(PB)    | C(L)       |
|            | SG/PS         | P1(WALK) | A,P1(WALK) |
|            | DS            | —        | B,C,D      |
| P2<br>P.B. | FN            | C(PB)    | A(L)       |
|            | SG/PS         | P2(WALK) | C,P2(WALK) |
|            | DS            | —        | A,B,D      |
| P3<br>P.B. | FN            | C(PB)    | A(L)       |
|            | SG/PS         | P3(WALK) | C,P3(WALK) |
|            | DS            | —        | A,B,D      |

NOTES

- This site is SCATS linked.
- Special STOP sign (R1-4) placed on post 6.
- Audio-tactile push buttons provided on posts 1, 4, 5, 6, 7 & 8.
- CCTV Camera mounted on post 9.
- Red runner software added for detectors 1-2, 4-7.
- Kerb ramps to be constructed in accordance with standard road drawing R0300-11.
- Green coloured pavement on Bicycle Lane to be provided in accordance with Australian Standard AS1742.9 and Austroads guides.
- Roadworks are in accordance with ACOR Construction Drawing NSW211637.
- Power supply to be determined, within 30m of the controller, by a level 2/3 service provider prior to design approval.

INCOMPLETE

- Proposed supply location and asset number
- Drainage pits to be added, if there any new pits
- Street lighting to be added

A ORIGINAL ISSUE

| PUBLIC UTILITY LEGEND |   |
|-----------------------|---|
| HYDRANT               | □ |
| STOP VALVE            | ▲ |
| GAS VALVE             | ⊕ |
| SEWER MANHOLE         | ⊗ |
| COMMS PIT             | ⊙ |
| ELECT LIGHT POLE      | ○ |
| POWER POLE            | ○ |
| STAY POLE             | ○ |
| TELEPHONE BOX         | ⊞ |
| COMMS PILLAR          | ● |

| REFERENCE PLANS |           |
|-----------------|-----------|
| SYMBOLS/ABRVS   | VD003-6   |
| STD POSN CMPT   | VD001-5   |
| INSTL STOP DET  | VC005-17  |
| VEH GROUP OP    | TS-TN-019 |
| DET LOGIC OP    | TS-TN-020 |
| PED MVT OP      | TS-TN-021 |

|               |            |
|---------------|------------|
| U.B.D. Ref.   | Map 162 L6 |
| I.S.G.        | E: 268 725 |
| CO-ORDS N:    | 1 264 880  |
| DESIGNED:     | R BATES    |
| CHECKED:      | J BATES    |
| SITE CHECKED: | J BATES    |
| RECOMMENDED:  | J BATES    |

| DESIGN APPROVAL                                       |
|-------------------------------------------------------|
| APPROVED                                              |
| NAME: <i>[Signature]</i>                              |
| POSITION: MANAGER                                     |
| DATE: 11/10/22                                        |
| DESIGN PREPARED BY: B-Line Drafting on behalf of ACOR |

| TFNSW RECOMMENDATION    |
|-------------------------|
| ROAD DESIGN ENGINEERING |
| NAME: _____             |
| POSITION: _____         |
| DATE: _____             |
| NETWORK OPERATIONS      |
| NAME: _____             |
| POSITION: _____         |
| DATE: _____             |

| TFNSW ACCEPTANCE   |
|--------------------|
| ACCEPTED           |
| NAME: _____        |
| POSITION: _____    |
| DATE: _____        |
| ACCEPTED BY: _____ |
| SECTION: _____     |

TRANSPORT FOR NEW SOUTH WALES

PENRITH COUNCIL AREA  
TRAFFIC SIGNALS AT  
OLD BATHURST ROAD AND  
DAVID ROAD  
EMU PLAINS

DESIGN LAYOUT

EXISTING ☐ PROPOSED ☒

CADD FILE: VV0000\_XA\_DES.dgn

SCALE 5 0 (1:200) 5 10

FILE SF0000/000000

REG No. DS0000/000000

TCS No. 0000

ISSUE A

SHEET 1