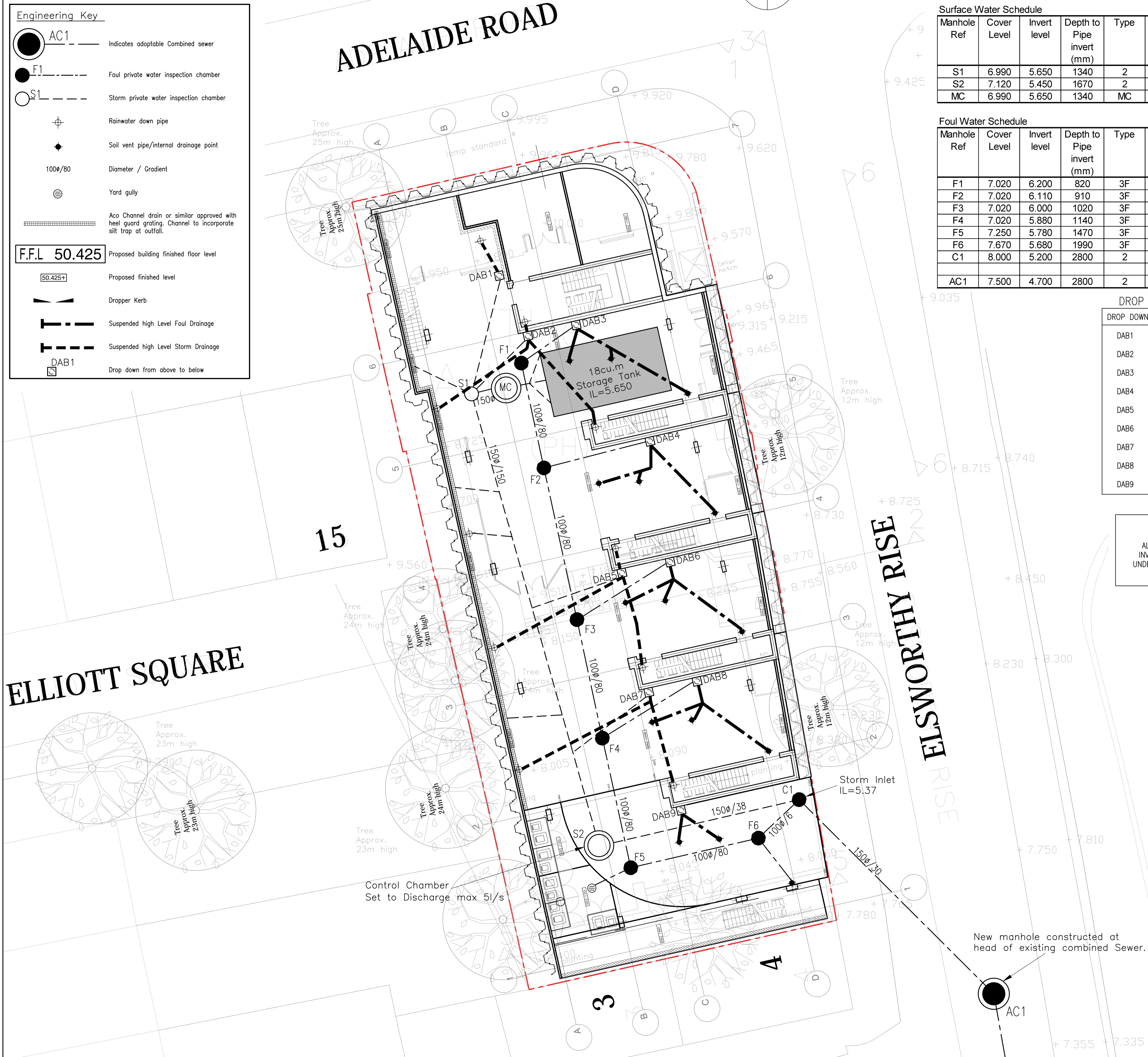


Engineering Key

- AC1 — Indicates adoptable Combined sewer
- F1 — Foul private water inspection chamber
- S1 — Storm private water inspection chamber
- ⊕ — Rainwater down pipe
- ◆ — Soil vent pipe/internal drainage point
- 100#/80 — Diameter / Gradient
- ⊕ — Yard gully
- Aco Channel drain or similar approved with heel guard grating. Channel to incorporate silt trap at outfall.
- F.F.L 50.425 — Proposed building finished floor level
- 50.425+ — Proposed finished level
- Dropper Kerb
- Suspended high Level Foul Drainage
- Suspended high Level Storm Drainage
- DAB1 — Drop down from above to below



Surface Water Schedule

| Manhole Ref | Cover Level | Invert level | Depth to Pipe invert (mm) | Type | Cover Grade | Comments |
|-------------|-------------|--------------|---------------------------|------|-------------|------------------|
| S1 | 6.990 | 5.650 | 1340 | 2 | D400 | |
| S2 | 7.120 | 5.450 | 1670 | 2 | D400 | |
| MC | 6.990 | 5.650 | 1340 | MC | D400 | Manifold chamber |

Foul Water Schedule

| Manhole Ref | Cover Level | Invert level | Depth to Pipe invert (mm) | Type | Cover Grade | Comments |
|-------------|-------------|--------------|---------------------------|------|-------------|----------|
| F1 | 7.020 | 6.200 | 820 | 3F | D400 | |
| F2 | 7.020 | 6.110 | 910 | 3F | D400 | |
| F3 | 7.020 | 6.000 | 1020 | 3F | D400 | |
| F4 | 7.020 | 5.880 | 1140 | 3F | D400 | |
| F5 | 7.250 | 5.780 | 1470 | 3F | D400 | |
| F6 | 7.670 | 5.680 | 1990 | 3F | D400 | |
| C1 | 8.000 | 5.200 | 2800 | 2 | D400 | |
| AC1 | 7.500 | 4.700 | 2800 | 2 | D400 | |

DROP DOWN SCHEDULE (DAB)

| DROP DOWN | INVERT LEVEL 1 | INVERT LEVEL 2 |
|-----------|----------------|----------------|
| DAB1 | 9.200 | 6.510 |
| DAB2 | 9.150 | 6.510 |
| DAB3 | 9.150 | 6.510 |
| DAB4 | 9.200 | 6.510 |
| DAB5 | 9.200 | 6.510 |
| DAB6 | 9.200 | 6.510 |
| DAB7 | 9.200 | 6.510 |
| DAB8 | 9.200 | 6.510 |
| DAB9 | 9.750 | 6.510 |

STACK SCHEDULE

ALL HIGH LEVEL RWP & SVP INVERTS TO BE 250MM BELOW UNDERSIDE OF RELEVANT GROUND FLOOR SLAB.

Notes:

- For drainage construction details refer to drawing No. C6655/CE2.
- All pipe runs are to be 100mm nominal diameter unless otherwise stated.
- For information and setting out of internal drainage points refer to Architect's layout drawings.
- All chamber cover levels given are approximate to +/- 50mm.
- Pipe gradients are for guidance only. For precise invert levels of manholes, please refer to manhole schedule.
- All private drainage beneath adoptable carriageway shall be vitrified clay extra strength and with concrete bed and surround should cover depth be less than 1.2m.
- All level entrances with no channel drain indicated to have level threshold drain installed to architect's details, discharging to granular pit underneath.
- All suspended drainage is to be fitted with rodding access points as close to the head of the run as possible, at any change in direction and at no more than 12m centres.
- Traps are to be provided to all new surface water down pipes.
- All redundant private pipework to be broken out and connections stopped up.

ELLIOTT SQUARE

ELSWORTHY RISE

| REV | DATE | AMENDMENT | BY | CHKD |
|-----|----------|---|----|------|
| C | 11/5/16 | Manhole AC1 details updated. | AB | LRW |
| B | 17/03/16 | Storage tank moved position, invert of C1 lowered. | AB | LRW |
| A | 17/03/16 | Design adjusted to not incorporate any blue roof. Storm storage tank increased in size as a result. | AB | LRW |

STATUS: PRELIMINARY

PROJECT: Adelaide Road



DRAWING: Drainage Layout

DATE: 16/3/16 DRAWN BY: AD

SCALES (@A1): 1:100 CHECKED BY:

DRG NO.: C6655/CE1

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New manhole constructed at head of existing combined Sewer.

