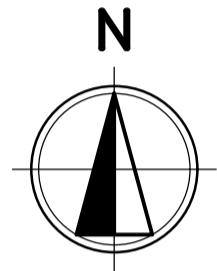


10 DANGAR STREET, WICKHAM

WICKHAM NSW 2293

LGA: NEWCASTLE CITY COUNCIL



LOCALITY PLAN
N.T.S

| DRAWING INDEX | |
|---------------|--|
| DRAWING No. | SHEET DESCRIPTION |
| C-0000 | COVER SHEET, LOCALITY PLAN AND DRAWING LIST |
| C-0200 | STORMWATER MANAGEMENT PLAN BASEMENT B3 |
| C-0201 | STORMWATER MANAGEMENT PLAN BASEMENT B1 |
| C-0202 | STORMWATER MANAGEMENT PLAN GROUND FLOOR |
| C-0203 | STORMWATER MANAGEMENT PLAN MEZZANINE |
| C-0204 | STORMWATER MANAGEMENT PLAN LEVEL 06 PODIUM LEVEL |



| REV | DATE | DESCRIPTION | REVISED BY | DATE | DESCRIPTION |
|-----|----------|---------------------|------------|------|-------------|
| B | 31.03.26 | ISSUED FOR APPROVAL | BC | | |
| A | 26.03.26 | ISSUED FOR APPROVAL | BC | | |

| REV | DATE | DESCRIPTION | REVISED BY | DATE | DESCRIPTION |
|-----|------|-------------|------------|------|-------------|
| | | | | | |

| CLIENT |
|--------|
| |

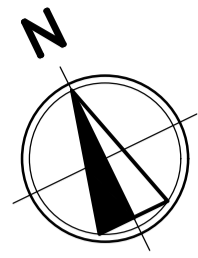
Newcastle Office—
Level 3, Suite 2, 426 King St
Newcastle NSW 2300
P / +61 2 4902 3000 E / newcastle@bgeeng.com
bgeeng.com—



PROJECT
10 DANGAR STREET WICKHAM
NSW 2293

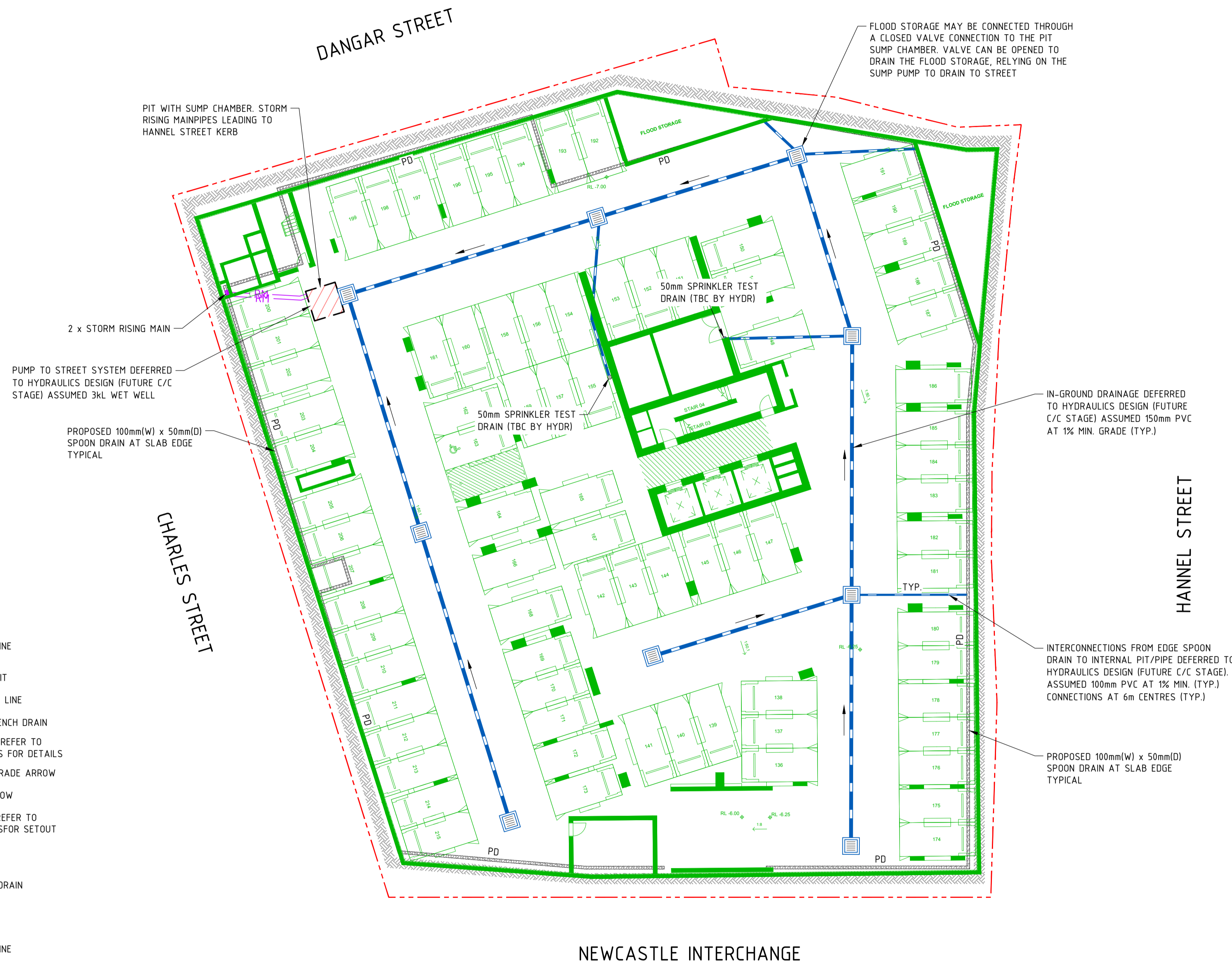
| STATUS | | | |
|--|----------|---------|----------|
| ISSUED FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION | | | |
| DRAWN | DESIGNED | CHECKED | APPROVED |
| AS | LV | BC | NL |
| DATUM | GRID | SCALE | |
| AHD | GDA-20 | N.T.S | |

| TITLE | | |
|---|-------------|-----|
| COVER SHEET, LOCALITY PLAN AND DRAWING LIST | | |
| PROJECT No. | DRAWING No. | REV |
| N25056 | C-0000 | B |



7.0 STORMWATER DRAINAGE

- 7.1. THE STORMWATER DESIGN SHOWN ON THESE DRAWINGS HAS BEEN CARRIED OUT IN ACCORDANCE WITH NEWCASTLE CITY COUNCIL'S REQUIREMENTS, AUSTRALIAN RAINFALL AND RUNOFF (AR&R) GUIDELINES AND RELEVANT AUTHORITIES GUIDELINES.
- 7.2. FINISHED SURFACE LEVELS SHOWN ON CIVIL GRADING PLAN DRAWINGS TAKE PRECEDENCE OVER DRAINAGE LONGSECTION SURFACE LEVELS.
- 7.3. ALL STORMWATER WORK IS TO COMPLY WITH AS3500 PART 3.
- 7.4. PROTECTION OF PIPES EXPOSED TO LOADS EXCEEDING THE W7 WHEEL LOAD OF 70kN SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- 7.5. NO CONSTRUCTION LOADS SHALL BE APPLIED TO uPVC PIPES.
- 7.6. EXISTING STORMWATER PIPE LOCATIONS AND INVERT LEVELS TO BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 7.7. FOR ALL STORMWATER DRAINAGE PITS REFER TO TYPICAL PIT CHAMBER DETAILS ON THESE DRAWINGS. IF PIT LID SIZE IS SMALLER THAN THE PIT CHAMBER SIZE THEN THE PIT LID IS TO BE CONSTRUCTED ON THE CORNER OF THE PIT CHAMBER WITH THE STEP IRONS DIRECTLY BELOW. ALTERNATIVELY THE PIT LID TO BE USED, IS TO BE THE SAME SIZE AS THE PIT CHAMBER.
- 7.8. GALVANIZED STEP IRONS SHALL BE PROVIDED AT 300 CTRS FOR PITS HAVING A DEPTH EXCEEDING 1200mm
- 7.9. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE PIPES (RCP) CLASS '2' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS U.N.O.
- 7.10. PIPES UP TO 300 DIA. SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
- 7.11. EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED IF RELEVANT APPROVAL AUTHORITY AND SUPERINTENDENT PERMITS.
- 7.12. BEDDING TYPE SHALL BE TYPE H2 FOR RCP. WHERE NECESSARY THE OVERLAY ZONE SHALL BE REDUCED TO ACCOMMODATE PAVEMENT REQUIREMENTS.
- 7.13. PIPES SHALL BE LAID ON A 75mm THICK SAND BED. IN ALL CASES BACKFILL TRENCH WITH SAND TO 200mm ABOVE THE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 (OR A DENSITY INDEX OF NOT LESS THAN 75).
- 7.14. WHERE TRENCHES ARE IN ROCK THE PIPE SHALL BE BEDDED ON A MINIMUM OF 50mm CONCRETE BED (OR 75mm BED OF 12mm BLUE METAL) UNDER THE BARREL OF THE PIPE.
- 7.15. ENLARGERS, CONNECTORS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
- 7.16. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER.
- 7.17. GRATES AND COVERS SHALL CONFORM TO AS3996 AND AS1428.1 AT ALL TIMES DURING CONSTRUCTION OF THE STORMWATER PITS.
- 7.18. ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED. DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT AND ENGINEER FOR FURTHER DIRECTIONS.



LEGEND

- BOUNDARY
- BASEMENT OUTLINE
- PROPOSED DRAINAGE LINE (BELOW FLOOR)
- PROPOSED DRAINAGE PIT
- EXISTING STORMWATER LINE
- GTD
- PROPOSED GRATED TRENCH DRAIN
- BASEMENT PAVEMENT. REFER TO STRUCTURAL DRAWINGS FOR DETAILS
- FALL DIRECTION AND GRADE ARROW
- DIRECTIONAL FALL ARROW
- BASEMENT SUMP PIT. REFER TO STRUCTURAL DRAWINGS FOR SETOUT AND SIZE
- BSP
- BASEMENT DOWN PIPE
- BDP
- PD
- PROPOSED PERIMETER DRAIN
- DP
- PROPOSED DOWNPIPE
- RM
- DRAINAGE RISING MAIN
- SW
- PROPOSED DRAINAGE LINE (SUSPENDED IN CEILING)
- PROPOSED RAINWATER TANK (RWT)

NOTES

1. REFER ARCHITECTURAL DRAWINGS FOR DETAILED SET-OUT.
2. REFER STRUCTURAL ENGINEER'S DRAWINGS FOR DETAILS.

STORMWATER MANAGEMENT PLAN - BASEMENT B3
SCALE 1:200



| REV | DATE | DESCRIPTION | REV | DATE | DESCRIPTION |
|-----|----------|---------------------|-----|------|-------------|
| B | 31.03.26 | ISSUED FOR APPROVAL | BC | | |
| A | 26.03.26 | ISSUED FOR APPROVAL | BC | | |

| REV | DATE | DESCRIPTION | REV | DATE | DESCRIPTION |
|-----|------|-------------|-----|------|-------------|
| | | | | | |

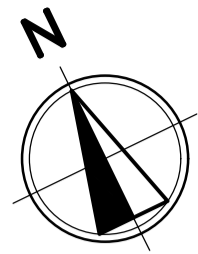
| REV | DATE | DESCRIPTION | REV | DATE | DESCRIPTION |
|-----|------|-------------|-----|------|-------------|
| | | | | | |

CLIENT
Newcastle Office—
Level 3, Suite 2, 426 King St
Newcastle NSW 2300
P / +61 2 4902 3000 E / newcastle@bgeeng.com
bgeeng.com—

PROJECT
BG & E
10 DANGAR STREET WICKHAM
NSW 2293

| STATUS | | | |
|---------------------------------|----------|---------|----------|
| ISSUED FOR APPROVAL | | | |
| NOT TO BE USED FOR CONSTRUCTION | | | |
| DRAWN | DESIGNED | CHECKED | APPROVED |
| AS | LV | BC | NL |
| DATUM | GRID | SCALE | |
| AHD | GDA-20 | 1:200 | |

| TITLE | | |
|--|-------------|-----|
| STORMWATER MANAGEMENT PLAN BASEMENT B3 | | |
| PROJECT No. | DRAWING No. | REV |
| N25056 | C-0200 | B |



LEGEND

| | |
|--|---|
| | BOUNDARY |
| | BASEMENT OUTLINE |
| | PROPOSED DRAINAGE LINE (BELOW FLOOR) |
| | PROPOSED DRAINAGE PIT |
| | EXISTING STORMWATER LINE |
| | PROPOSED GRATED TRENCH DRAIN |
| | BASEMENT PAVEMENT. REFER TO STRUCTURAL DRAWINGS FOR DETAILS |
| | FALL DIRECTION AND GRADE ARROW |
| | DIRECTIONAL FALL ARROW |
| | BASEMENT SUMP PIT. REFER TO STRUCTURAL DRAWINGS FOR SETOUT AND SIZE |
| | BASEMENT DOWN PIPE |
| | PROPOSED PERIMETER DRAIN |
| | PROPOSED DOWNPIPE |
| | DRAINAGE RISING MAIN |
| | PROPOSED DRAINAGE LINE (SUSPENDED IN CEILING) |
| | PROPOSED RAINWATER TANK (RWT) |

- NOTES**
- REFER ARCHITECTURAL DRAWINGS FOR DETAILED SET-OUT.
 - REFER STRUCTURAL ENGINEER'S DRAWINGS FOR DETAILS.



STORMWATER MANAGEMENT PLAN - BASEMENT B1
SCALE 1:200



| REV | DATE | DESCRIPTION | RVD | REV | DATE | DESCRIPTION | RVD |
|-----|----------|---------------------|-----|-----|------|-------------|-----|
| B | 31.03.26 | ISSUED FOR APPROVAL | BC | | | | |
| A | 26.03.26 | ISSUED FOR APPROVAL | BC | | | | |

| | |
|--------|--|
| CLIENT | |
|--------|--|

| | |
|---------|--|
| PROJECT | |
|---------|--|

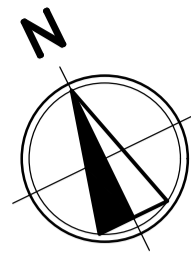
Newcastle Office—
Level 3, Suite 2, 426 King St
Newcastle NSW 2300
P /+61 2 4902 3000 E / newcastle@bgeeng.com
bgeeng.com—



10 DANGAR STREET WICKHAM
NSW 2293

| | | | |
|---|----------------|----------------|----------------|
| STATUS ISSUED FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION | | | |
| DRAWN AS | DESIGNED LV | CHECKED BC | APPROVED NL |
| DATUM AHD | GRID GDA-20 | SCALE 1:201 | AT A1 SIZE |

| | | |
|--|-----------------------|----------|
| TITLE STORMWATER MANAGEMENT PLAN BASEMENT B1 | | |
| PROJECT No. N25056 | DRAWING No. C-0201 | REV B |

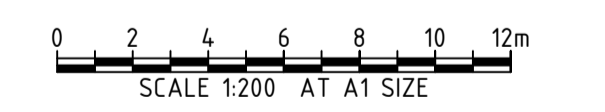


- LEGEND**
- BOUNDARY
 - EXISTING FENCE
 - EXISTING ELECTRICITY OVERHEAD
 - EXISTING POWER POLE
 - EXISTING COMMS PIT
 - EXISTING WATER STOP VALVE
 - EXISTING WATER HYDRANT
 - EXISTING STORMWATER LINE
 - EXISTING STORMWATER PITS
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - PROPOSED GRATED PIT
 - PROPOSED DRAINAGE LINE
 - PROPOSED DRAINAGE LINE (SUSPENDED IN CEILING)



STREET HANNELL

STORMWATER MANAGEMENT PLAN - GROUND FLOOR
SCALE 1:200



| REV | DATE | DESCRIPTION | REV | DATE | DESCRIPTION |
|-----|----------|---------------------|-----|------|-------------|
| B | 31.03.26 | ISSUED FOR APPROVAL | BC | | |
| A | 26.03.26 | ISSUED FOR APPROVAL | BC | | |

| REV | DATE | DESCRIPTION | REV | DATE | DESCRIPTION |
|-----|------|-------------|-----|------|-------------|
| | | | | | |

| REV | DATE | DESCRIPTION | REV | DATE | DESCRIPTION |
|-----|------|-------------|-----|------|-------------|
| | | | | | |

Newcastle Office
Level 3, Suite 2, 426 King St
Newcastle NSW 2300
P / +61 2 4902 3000 E / newcastle@bgeeng.com
bgeeng.com

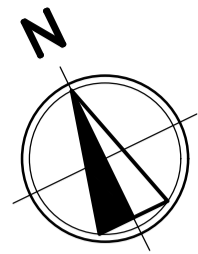


10 DANGAR STREET WICKHAM
NSW 2293

| STATUS | | | |
|--|---------|----------|----|
| ISSUED FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION | | | |
| DESIGNED | CHECKED | APPROVED | |
| AS | LV | BC | NL |
| DATUM | GRID | SCALE | |
| AHD | GDA-20 | 1:202 | |

| TITLE | | |
|--|-------------|-----|
| STORMWATER MANAGEMENT PLAN GROUND FLOOR | | |
| PROJECT No. | DRAWING No. | REV |
| N25056 | C-0202 | B |

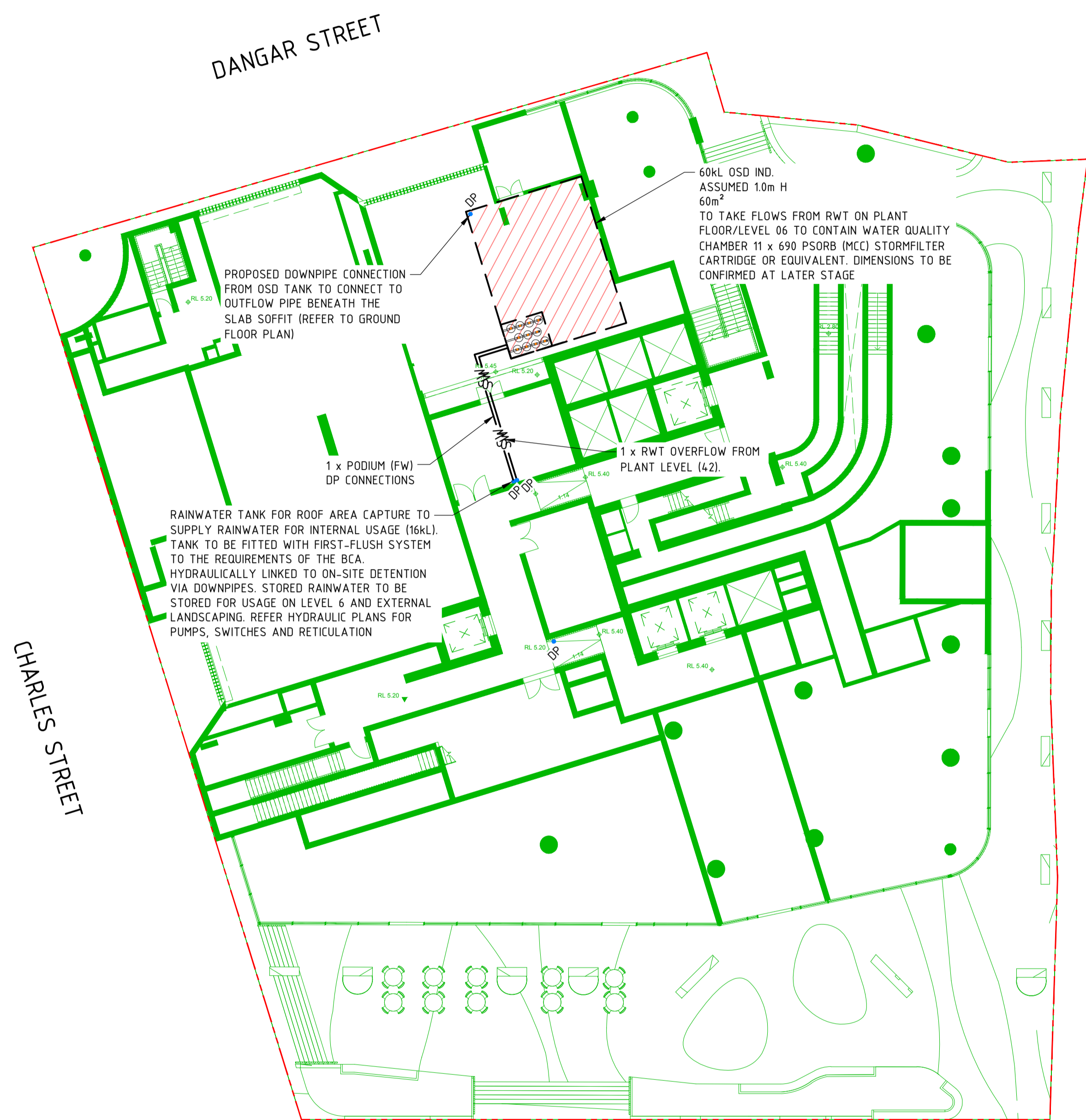
\\BGE\IT\50170\PROJECTS\15\BGE\15\25056\10 DANGAR STREET WICKHAM\1001 CIVIL\AUTOCAD\25056-DWG-C-0202.DWG
30/03/2026 9:33:45 PM



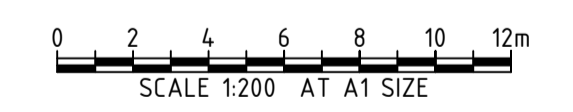
LEGEND

| | |
|--|---|
| | BOUNDARY |
| | BASEMENT OUTLINE |
| | PROPOSED DRAINAGE LINE (BELOW FLOOR) |
| | PROPOSED DRAINAGE PIT |
| | EXISTING STORMWATER LINE |
| | PROPOSED GRATED TRENCH DRAIN |
| | BASEMENT PAVEMENT. REFER TO STRUCTURAL DRAWINGS FOR DETAILS |
| | FALL DIRECTION AND GRADE ARROW |
| | DIRECTIONAL FALL ARROW |
| | BASEMENT SUMP PIT. REFER TO STRUCTURAL DRAWINGS FOR SETOUT AND SIZE |
| | BASEMENT DOWN PIPE |
| | PROPOSED PERIMETER DRAIN |
| | PROPOSED DOWNPIPE |
| | DRAINAGE RISING MAIN |
| | PROPOSED DRAINAGE LINE (SUSPENDED IN CEILING) |
| | PROPOSED RAINWATER TANK (RWT) |

- NOTES**
- REFER ARCHITECTURAL DRAWINGS FOR DETAILED SET-OUT.
 - REFER STRUCTURAL ENGINEER'S DRAWINGS FOR DETAILS.
 - INSTALL FIRST FLUSH DEVICE TO SATISFY THE BUILDING CODE OF AUSTRALIA & TO ENSURE MINIMUM 'HEAD' IS MAINTAINED.
 - RAINWATER TANK FOR EXTERNAL IRRIGATION. POTABLE WATER DIVERSION SWITCHES AND BACK FLOW PREVENTION DEVICES SHALL BE FITTED TO PLUMBING CODE OF AUSTRALIA REQUIREMENTS.



STORMWATER MANAGEMENT PLAN - MEZZANINE
SCALE 1:200



| REV | DATE | DESCRIPTION | RVD | REV | DATE | DESCRIPTION | RVD |
|-----|----------|---------------------|-----|-----|------|-------------|-----|
| B | 31.03.26 | ISSUED FOR APPROVAL | BC | | | | |
| A | 26.03.26 | ISSUED FOR APPROVAL | BC | | | | |

| REVISIONS | REVISIONS |
|-----------|-----------|
| | |

| | |
|--------|--|
| CLIENT | |
|--------|--|

Newcastle Office—
Level 3, Suite 2, 426 King St
Newcastle NSW 2300
P / +61 2 4902 3000 E / newcastle@bgeeng.com
bgeeng.com

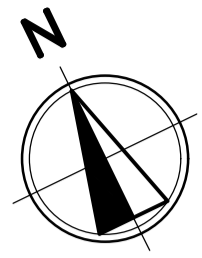


PROJECT
10 DANGAR STREET WICKHAM
NSW 2293

| | | | |
|---|----------------|----------------|----------------|
| STATUS ISSUED FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION | | | |
| DRAWN AS | DESIGNED LV | CHECKED BC | APPROVED NL |
| DATUM AHD | GRID GDA-20 | SCALE 1:203 | AT A1 SIZE |

| | | |
|--|-----------------------|----------|
| TITLE STORMWATER MANAGEMENT PLAN MEZZANINE | | |
| PROJECT No. N25056 | DRAWING No. C-0203 | REV B |

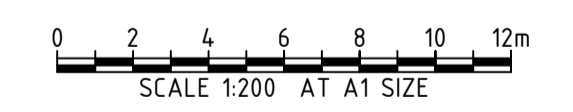
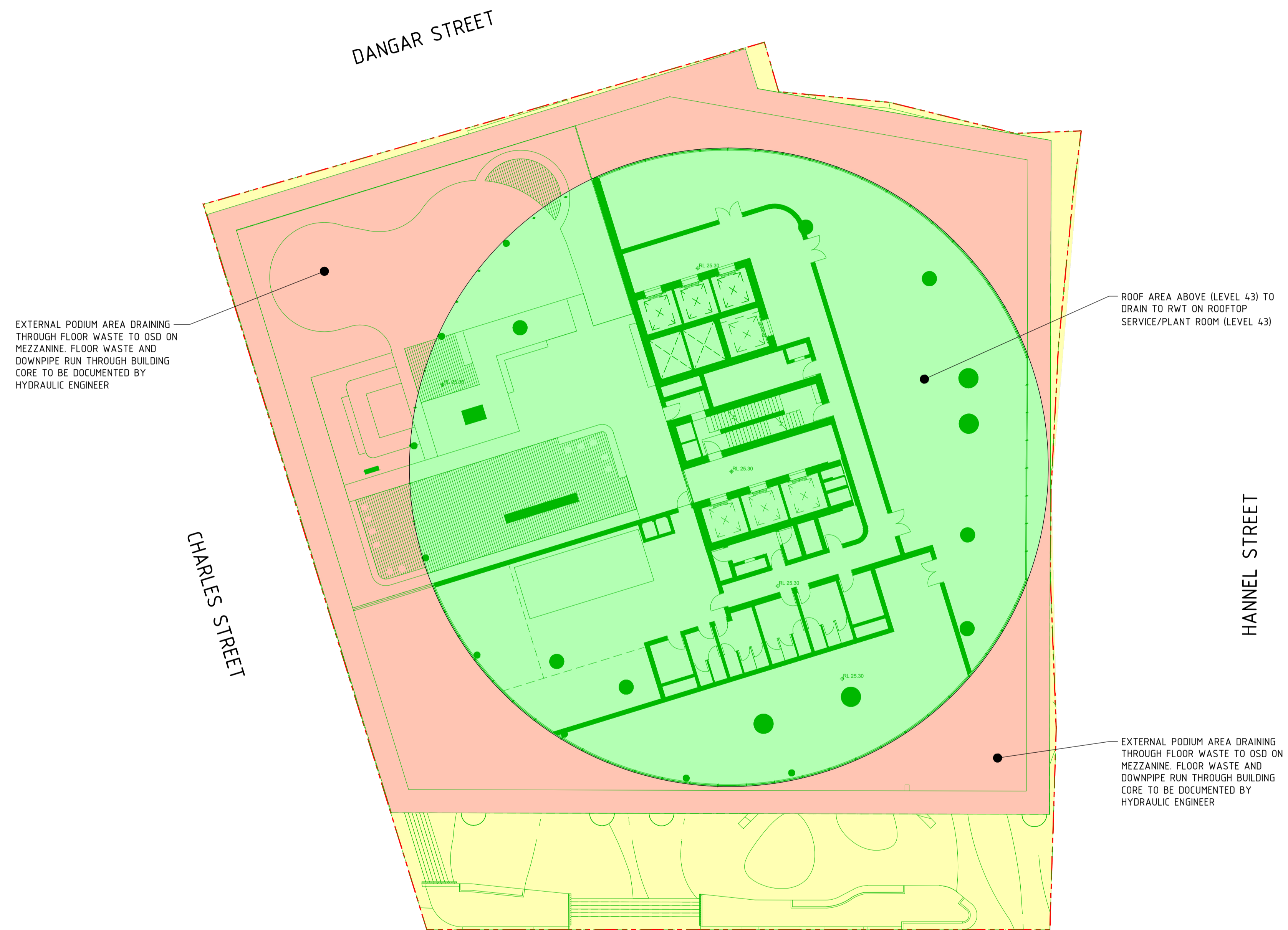
\\BGE\IT\5070\PROJ\1515\BGE\N25056\10 DANGAR STREET WICKHAM\1001 CIVIL\AUTOCAD\N25056-DWG-C-0203.DWG
31/03/2026 3:13:50 PM



LEGEND

| | |
|--|--|
| | BOUNDARY |
| | ROOF AREA = 1520m ² |
| | LEVEL 06 COMMUNAL PODIUM LEVEL AREA = 974m ² |
| | GROUND LEVEL PEDESTRIAN LINK = 410m ² |

TOTAL SITE AREA = 2904m²



STORMWATER MANAGEMENT PLAN - LEVEL 06 PODIUM LEVEL
SCALE 1:200



| REV | DATE | DESCRIPTION | RVD | REV | DATE | DESCRIPTION | RVD |
|-----|----------|---------------------|-----|-----|------|-------------|-----|
| A | 31.03.26 | ISSUED FOR APPROVAL | BC | | | | |

CLIENT

PROJECT

Newcastle Office—
Level 3, Suite 2, 426 King St
Newcastle NSW 2300
P / +61 2 4902 3000 E / newcastle@bgeeng.com
bgeeng.com—



10 DANGAR STREET WICKHAM
NSW 2293

| | | | |
|---|----------------|----------------|----------------|
| STATUS ISSUED FOR APPROVAL NOT TO BE USED FOR CONSTRUCTION | | | |
| DRAWN AS | DESIGNED LV | CHECKED BC | APPROVED NL |
| DATUM AHD | GRID GDA-20 | SCALE 1:204 | AT A1 SIZE |

| | | |
|--|-----------------------|----------|
| TITLE STORMWATER MANAGEMENT PLAN LEVEL 06 PODIUM LEVEL | | |
| PROJECT No. N25056 | DRAWING No. C-0204 | REV A |