

#### Form 4 – Works Acceptance Inspection Checklist

Please complete this application in BLOCK LETTERS and tick or fill in boxes where applicable. If a question does not apply, please indicate 'n/a'.

| Name  |   |                           |         |
|---|---|---------------------------|---------|
| Development<br>Location   |   |                           |         |
| File No   |   |                           |         |
| Consulting<br>Engineer  |   |                           |         |
| Contractor  |   |                           |         |
|   |   |                           |         |
| Item  |   | Verification (Yes/No/N/A) | Comment |
|   |   |                           |         |
| ALLOTMENT DRAIN The works have been   |   |                           |         |
|   | n finally insp<br>ains<br>ved                   |                           |         |
| The works have been 1. Concrete catch dra constructed in approvious location and to a satisfactory. | n finally inspains ved sfactory ucted in d to a |                           |         |

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Cnr Herbert & Powell Streets Bowen QLD 4805 **Proserpine** 83-85 Main Street Proserpine QLD 4800 Collinsville Cnr Stanley & Conway Streets Collinsville QLD 4804



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|   | _ |  |  |
|---|---|--|--|
| <ul> <li>3. Gully pits and manholes have been constructed to the correct standards i.e.: <ul> <li>a) Correct type of grate or cover;</li> <li>b) Lintels;</li> <li>c) side entry slots;</li> <li>d) benching (no water ponding)</li> <li>e) grates are satisfactorily sealed in frames;</li> <li>f) we poles provided to bedding material;</li> <li>g) no damaged structures;</li> <li>h) converter slabs/sections mortar bedded;</li> <li>i) correct drops through gullies/manholes; and</li> <li>j) all lids/grates finished to match surface level.</li> </ul> </li> <li>4. All density tests to backfill are</li> </ul> |   |  |  |
| available and satisfactory.   |   |  |  |
| 5. Material gradings are available for bedding material and are satisfactory;   |   |  |  |
| 6. Outlets/inlet structures are satisfactorily constructed and are free from scour or siltation.  |   |  |  |
|   |   |  |  |

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| 8. Open cut channels have been finally inspected and a satisfactory i.e.:  a) Cut to design profiles; and b) lining of channel is to the required thickness and reinforcement, with appropriate weep holes.  9. Overland flow, the works have been finally inspected an appropriate flow paths are provided and clear of obstruction.  10. Outlets and outfalls have been constructed to control discharge flow in accordance with the plans.  11. Subsoil drainage discharges to gullies or other approved point of discharge. | connections are mortared flush with the walls and no pipe reinforcement is exposed.  |  |
|---|--|--|
| been finally inspected an appropriate flow paths are provided and clear of obstruction.  10. Outlets and outfalls have been constructed to control discharge flow in accordance with the plans.  11. Subsoil drainage discharges to gullies or other approved point of  | finally inspected and a satisfactory i.e.:  a) Cut to design profiles; and b) lining of channel is to the required thickness and reinforcement, with |  |
| constructed to control discharge flow in accordance with the plans.  11. Subsoil drainage discharges to gullies or other approved point of  | been finally inspected an appropriate flow paths are provided and clear of   |  |
| gullies or other approved point of  | constructed to control discharge flow  |  |
|   | gullies or other approved point of   |  |

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| (      | 12. All grousing requirements to channels, swales, outlets, inlets etc have been completed.                      |        |  |
|--------|--|--------|--|
|        | 13. CCTV inspection of stormwater pipes completed.   |        |  |
|        | WATER QUALITY The Works have been finally inspected  | d and: |  |
| •      | Water quality structures have  |        |  |
|        | been constructed in accordance with  |        |  |
|        | approved engineering drawings;   |        |  |
|        | Structures are free of debris and sediment.  |        |  |
|        |  |        |  |
|        | EROSION AND SEDIMENT CONTRO  | )L     |  |
|        | The works have been finally inspected  | l and: |  |
| t<br>\ | Control structures required untile the site is stabilised in accordance with the contractor's ESCP are in place. |        |  |
|        |  |        |  |

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| 2. Structures are free of debris and sediment.                 |        |  |
|--|--------|--|
| <b>EARTHWORKS</b> The Works have been finally inspected        | d and: |  |
| Toe of batters not on Council Road reserve except as approved. |        |  |
| 2. Retaining walls clear of Road reserve except as approved.   |        |  |
| 3. Retaining walls constructed in accordance with drawings.    |        |  |
| 4. Batter slopes constructed in accordance with drawings.      |        |  |
| 5. Batter slopes stabilised against erosion.                   |        |  |
|  |        |  |

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| 6. Interim drainage constructed in accordance with drawings.  7. All areas disturbed by the works have been rehabilitated.  8. Allotment levels are as per the design plans.  9. Verge levels are as per the design plans.  SEWER RETICULATION The Works have been finally inspected and:  1. Pipe layout is as per the plan or approved amendments with respect to pipe size, levels, and location. |  |        |  |
|--|--|--------|--|
| 8. Allotment levels are as per the design plans.  9. Verge levels are as per the design plans.  SEWER RETICULATION The Works have been finally inspected and:  1. Pipe layout is as per the plan or approved amendments with respect   | 6. Interim drainage constructed in accordance with drawings. |        |  |
| 9. Verge levels are as per the design plans.  SEWER RETICULATION The Works have been finally inspected and:  1. Pipe layout is as per the plan or approved amendments with respect   | 7. All areas disturbed by the works have been rehabilitated. |        |  |
| SEWER RETICULATION The Works have been finally inspected and:  1. Pipe layout is as per the plan or approved amendments with respect   |  |        |  |
| The Works have been finally inspected and:  1. Pipe layout is as per the plan or approved amendments with respect  |  |        |  |
| approved amendments with respect   |  | d and: |  |
|  | approved amendments with respect                             |        |  |

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- 2. Pipework has been visually inspected and is considered satisfactory, i.e.:
  - a) Pipework flush with internal walls of manhole;
  - b) alignment and grade;
  - c) flexible joints;
  - d) line flushed and cleaned;
  - e) no visible sign of trench subsidence;
  - f) a density test of backfill is available and satisfactory;
  - g) CCTV survey results submitted and satisfactory.
- 3. Manholes and maintenance shafts have been constructed to the correct standards, i.e.:
  - a) Cast in situ;
  - b) Benching;
  - c) curvature satisfactory;
  - d) no ponding;
  - e) profile satisfactory;
  - f) no weeps (free of infiltration);
  - g) concrete work;
  - h) no honey combing;
  - i) covers;
  - j) covers checked to be gas tight;
  - k) correct type;
  - imprint in accordance with standards;
  - m) depth of cover surround;
  - n) depth of top slab;
  - o) location;
  - p) relative to allotment boundaries; and
  - q) 50 to 75 mm proud of finished surface level.

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| 4. Material gradings for bedding material are available and satisfactory.  5. Pressure test results are available and satisfactory.  6. Manhole hydrostatic test all satisfactory.  7. Sewerage connection Private Works fees paid.  8. On-site sewer report provided (if applicable).  9. PUMP STATION - refer separate PS checklist. |   |  |
|--|---|--|
| and satisfactory.  6. Manhole hydrostatic test all satisfactory.  7. Sewerage connection Private Works fees paid.  8. On-site sewer report provided (if applicable).  9. PUMP STATION - refer separate   | material are available and                        |  |
| 7. Sewerage connection Private Works fees paid.  8. On-site sewer report provided (if applicable).  9. PUMP STATION - refer separate   |   |  |
| 8. On-site sewer report provided (if applicable).  9. PUMP STATION - refer separate  | satisfactory.                                     |  |
| applicable).  9. PUMP STATION - refer separate   | 7. Sewerage connection Private Works fees paid.   |  |
| 9. PUMP STATION - refer separate PS checklist.   | 8. On-site sewer report provided (if applicable). |  |
|  | 9. PUMP STATION - refer separate PS checklist.    |  |

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| WATER RETICULATION  The works have been finally inspected  | and: |  |
|--|------|--|
| Pipe layout and services fixtures (valves and hydrants) are as per the plan or approved amendments with respect to pipe size and location.   |      |  |
| 2. Pipework has been pressure tested in accordance with Council's requirements and test results are available and satisfactory.  |      |  |
| Pipework has been chlorinated in accordance with Council's requirements.   |      |  |
| 4. There are no visible signs of trench subsidence for leaks.  |      |  |
| <ul> <li>5. Valves and hydrants have been inspected and are satisfactory, i.e.;</li> <li>a) Location;</li> <li>b) setts and surrounds correctly installed to prevent ingress of soil, etc;</li> <li>c) mortar packing to boxes correctly completed;</li> <li>d) depth to top of hydrant or valve stem within limits;</li> <li>e) dust caps to hydrants;</li> </ul> |      |  |

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| <ul> <li>f) colour of marker plate correct;</li> <li>g) direction of flow indicated;</li> <li>h) marking plates correctly installed; and</li> <li>i) size of plate correct.</li> </ul> |        |  |
|--|--------|--|
| 6. Material gradings for bedding material are available and satisfactory.  |        |  |
| 7. Water supply connection Private Works fees paid.  |        |  |
| 8. PUMP STATION - refer separate checklist.  |        |  |
| ROAD PAVEMENTS The works have been finally inspected   | d and: |  |
| Plan layout and geometry of Road system is in accordance with the drawings.  |        |  |
| 2. Finish levels at Crown and channel are at design levels.  |        |  |
|  |        |  |

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| 3. Cross falls are to the approved plan.  |  |
|---|--|
| 4. AC is satisfactory with regards to finish and thickness.   |  |
| 5. Joints in the seal (especially where various development stages apply) are flush.                            |  |
| 6. The sealed surface is free of blemishes.   |  |
| 7. All compaction test, material quality (CBR), material grading, AC core tests are satisfactory and available. |  |
| 8. Ponding of stormwater does not occur.  |  |
|   |  |

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| SEGMENTAL PAVERS (Where Constitute of the Works have been finally inspected)  |                                 |   |         |  |
|---|---------------------------------|---|---------|--|
| 1. All pavers have been correctly laid to pattern, within allowable tolerance, compacted, and the joints filled;                          |                                 |   |         |  |
| 2. Bedding sand for pavers drains to subsoil drainage.  |                                 |   |         |  |
| 3. Pavers adjacent to concrete kerb and channel, edge restraints etc have been cut and laid in accordance with all relevant requirements. |                                 |   |         |  |
|   |                                 |   |         |  |
| WORKS ACCEPTANCE INSPECTIO  | N CHECKLIST                     |   |         |  |
| ITEM  | VERIFICATION<br>(Yes / No / NA) | ( | COMMENT |  |
| CONCRETE WORKS  |                                 |   |         |  |
| The works have been finally inspected   | and:                            |   |         |  |
| The works have been finally inspected 1. The correct type has been used to all locations in accordance with drawings.                     | and:                            |   |         |  |
| 1. The correct type has been used to all locations in accordance with   | and:                            |   |         |  |

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| 3. Transitions and connection to existing construction are smooth and to a satisfactory standard of workmanship.          |  |
|---|--|
| 4. Service conduit markers have been placed to kerb face.   |  |
| 5. Lip and back of kerb are flush with the roadway and footpath respectively.   |  |
| 6. All channelisation works and medians have been satisfactorily completed.   |  |
| 7. Infill treatment of medians has been inspected and found satisfactory. Any landscaping has been completed to standard. |  |
| 8. Subsoil drains have been provided (including under medians).   |  |

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| 9. Appropriate expansion and contraction joints provided                           |      |  |
|--|------|--|
| 10. Subsurface finish is to approved design and within tolerances                  |      |  |
| FOOTPATHS  |      |  |
| The works have been finally inspected  | and: |  |
| 1. Profiles are as per plan.   |      |  |
| 2. Footpath has been topsoiled and satisfactory.                                   |      |  |
| 3. Footpaths have been stabilized / turfed.  |      |  |
| 4. All service fixtures (such as valves etc.) 25mm above the surrounding footpath. |      |  |
|  |      |  |

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| 5. Concrete footpaths have been constructed to Council requirements. |      |  |
|--|------|--|
| 6. Pram ramps constructed as required.                               |      |  |
| 7. Footpaths to be free of rock and loose stones.                    |      |  |
| <b>BIKEWAYS</b> The works have been finally inspected                | and: |  |
| Location and width are as per the drawings.                          |      |  |
| 2. Kerb ramps and crossings are constructed.                         |      |  |
| 3. Safety rails and signs have been installed where required.        |      |  |
|  |      |  |

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| <b>LIGHTING</b> The works have been finally inspected   | and:   |  |
|---|--------|--|
| Lighting has been installed and is operating as per approved design.  |        |  |
| 2. If lighting is yet to be installed, or made operational, copy of service agreement has been provided from the lighting/energy provider and all uncompleted works have been adequately guarded. |        |  |
| FENCING AND FEATURES The works have been finally inspected  | l and: |  |
| 1. All fences including approved entrance features have been constructed within allotments. Survey pegs are visible.  |        |  |
| 2. Specifically approved entrance features are constructed in accordance with the drawings.   |        |  |
| 3. Entrance features and fences have satisfied Building Approvals (if required).  |        |  |
| 4. Sound attenuation fences and/or mounds are constructed on private property and in accordance with the drawings where required.   |        |  |
|   |        |  |

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|---|--|--|--|--|
| BUILDING/STRUCTURE The works have been finally inspected and:   |  |  |  |  |
| 1. Council approval for building/   |  |  |  |  |
| 2. Building/Structure   |  |  |  |  |
| OTHER   |  |  |  |  |
| Approvals for completed works received from applicable referral agencies  |  |  |  |  |
| Street name signs, traffic signs and pavement marking have been installed.  |  |  |  |  |
| 3. Works have not resulted in problems on neighbouring properties. Clearance letters from property owners are available where applicable. |  |  |  |  |
|   |  |  |  |  |

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| 4. All boundaries of Subdivision/Development have been inspected to ensure works as constructed will not affect adjoining properties.                               |  |
|---|--|
| 5. All necessary testing to ensure the quality of the work has been carried out and results are available.  |  |
| 6. Consulting Engineer's compliance certificate is completed (refer AP1 – Appendix A)   |  |
| 7. "As Constructed" submission has been provided to Council and is to Councils satisfaction.  |  |
| 8. All allotment boundaries, easements etc, have been pegged.   |  |
| 9. All test results and records have been compiled and stored in the Record Storage facilities of the Consulting Engineer's office and a copy forwarded to Council. |  |

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10. All operating Manuals,

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| maintenance procedures, mechanical warranties etc have been submitted to Council.                            |          |  |
|--|----------|--|
| 11. Parkland is in a mowable condition where practical and free of rock and loose stones.                    |          |  |
| 12. Irrigation systems have been provided, are operating as designed and "As Constructed" drawings provided. |          |  |
|  |          |  |
| Inspector's Name   |          |  |
| Signature  | Date     |  |
| Consulting Engineer  | RPEQ No. |  |

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Signature

Date