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| TO | Land Development |
| COPIEd to |  |
| From | Ivan Kholodov |
| Date | 1/02/2023 |
| SUBJECT | Response to Land Development Enquiry for 7 Beauchamp Street, Karori |

FOR YOUR INFORMATION

# Asset impact assessment

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| **SITE DETAILS** | |
| Address | 7 Beauchamp Street, Karori |
| Source | Email dated 31/01/2023 |
| Type | Development enquiry |
| Reference |  |
| Asset | Stormwater |
|  | |
| **FLOODING RESULTS** | |
| Vertical Datum | 1953 Wellington Circuit |
| Software | InfoWorks ICM |
| Model | Karori |
| Model Status | Validated |
| Flood Scenario | 100 year ARI + Climate Change (assuming 2.1 C temperature increase) |
| Sea Water Level | 2.1 m aMSL |

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| **FLOOD IMPACT ON THE PROPERTY** | |
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| Maximum Flood Depth | 400 mm |
| Maximum Water Level | 161.8 m aMSL (Proposed Extention) |
| Minimum Water Level | N/A |
| Overland Flow | 0.150 m/s |

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| **RECOMMENDATIONS** | |
| Minimum Floor Level (including 200 mm Free board) | 162 m aMSL  (Minimum floor level provided is quoted to the underside of the concrete slab or floor timber joist.) |
| Overland Flow | Relatively slow flow with higher velocity between buildings. |