



PROPOSED NEW DRY POND B

FLOWS TO MANGAKURI RIVER

POINT A-1

EXISTING OVERLAND FLOW

SUB-CATCHMENT ZONE AA1

POINT A

SUB-CATCHMENT ZONE A

POINT B1

SUB-CATCHMENT ZONE B

SUB-CATCHMENT ZONE C

POINT C

SUB-CATCHMENT ZONE D

POINT D PROPOSED DISCHARGE POINT

POINT B

- NOTES:**
- CONTOURS SHOWN ARE AT 1m INTERVALS
  - SURFACE SHOWN IS THE DESIGN SURFACE. REFER TO CUT-FILL PLAN FOR AREAS OF MODIFICATION TO EXISTING GROUND. REFER TO SHEET C200 FOR CONTOURS BETWEEN DEVELOPMENT AREAS NOT SHOWN ON THIS PLAN
  - CATCHMENT AREAS SHOWN PERTAIN TO THE WIDER CATCHMENTS OF THE LAND AREAS BEEN DEVELOPED, WITH REGARD TO THE INFLUENCE OF STORMWATER FLOWS THAT PASS BEYOND THE DEVELOPMENT PARCELS (AT POINTS A, B AND C)
  - BOUNDARY INFORMATION/DATA SHOWN IN THIS DRAWING HAS BEEN ADOPTED FROM INFORMATION SUPPLIED BY SURVEYING THE BAY. STRATA GROUP CONSULTING ENGINEERS TAKE NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION/DATA.
  - LEVELS SHOWN IN THIS DRAWING HAVE BEEN ADOPTED FROM THE TOPOGRAPHICAL SURVEY SUPPLIED BY SURVEYING THE BAY (28/07/2022) AND ARE IN TERMS OF NZVD 2016. THE UNDERLYING SURFACE (EXISTING GROUND) HAS BEEN BUILT FROM 2020 HBRC LIDAR DATA WITH GROUND SURVEY INPUT (SURVEYING THE BAY) IN LIMITED SPECIFIC AREAS. AS SUCH THE EXISTING GROUND SURFACE AND CONSEQUENT DESIGN SURFACE THAT DAYLIGHTS TO EXISTING GROUND MAY HAVE MINOR INACCURACIES, EXPECTED TO BE +/- 100mm. ONSITE VERIFICATION IS ENCOURAGED DURING CONSTRUCTION
  - DO NOT SCALE FROM THIS DRAWING. ANY ADDITIONAL DIMENSIONS SHOULD BE REQUESTED FROM THE CONTACTS BELOW.
  - ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.

- LEGEND**
- = PRIMARY OVERLAND FLOW
  - = OVERLAND FLOW CONCENTRATIONS/SECONDARY FLOW PATHS
  - = PROPOSED INDICATIVE PLATFORM SW DISCHARGE TRENCHES (FROM TANK OVERFLOW)
  - = TIME OF CONCENTRATION PATHWAYS

**SAFETY IN DESIGN**

ALL REASONABLY PRACTICABLE STEPS HAVE BEEN TAKEN TO ENSURE SAFETY IN DESIGN HAS BEEN CONSIDERED WITHIN STRATA GROUP'S SCOPE OF WORK FOR THIS DESIGN IN ACCORDANCE WITH IPENZ PRACTICE NOTE 07 "DESIGN FOR SAFETY IN BUILDINGS AND OTHER STRUCTURES (JULY 2006)". IT REMAINS THE RESPONSIBILITY OF THE OWNER AND/OR OPERATOR TO ENSURE APPROPRIATE PRACTICES ARE IN PLACE TO PROTECT THE SAFETY OF THE WORKERS AND THE PUBLIC IN THE OPERATION OF THE FACILITY.

| REV | REASON FOR ISSUE | DATE     | BY |
|-----|------------------|----------|----|
| 1   | FOR INFORMATION  | 19/07/23 | SG |

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| 1   | FOR INFORMATION  | 19/07/23 | SG |

THE CONTRACTOR IS TO BE AWARE OF ALL INSPECTIONS TO BE MADE BY THE ENGINEER AS A REQUIREMENT OF THE PRODUCER STATEMENT PS4 CONSTRUCTION REVIEW DOCUMENTATION. THE ENGINEER WILL REQUIRE 24 HOURS PRIOR NOTIFICATION FOR ALL INSPECTIONS.

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Structural Fire Civil Project Management

CLIENT: **SR & BJ WILLIAMS CHARITABLE TRUST BOARD**

PROJECT: **MANGAKURI STATION SUBDIVISION**  
402 MANGAKURI ROAD, MANGAKURI

TITLE: **POST-DEVELOPMENT STORMWATER CATCHMENT PLAN**

|               |                                     |             |             |    |
|---------------|-------------------------------------|-------------|-------------|----|
| DESIGNED SG   | 0                                   | 25          | 50          | 75 |
| DRAWN SG      | Full Size 1:1250 ; Half Size 1:2500 |             |             |    |
| CHECKED RN    | Scale (m)                           |             |             |    |
| DATE 19/07/23 | PROJECT NO. J5864                   | SHEET: C201 | REVISION: 2 |    |