

# Stormwater Management Plan summary

SMP Title	Stormwater Management Plan – 421-429 Church Street East, Penrose
SMP Date	03/05/2022
SMP Version	H
SMP prepared by	Crang Civil
SMP prepared for:	NZ Bakels Limited
Location	421 – 429 Church Street
Consolidated Receiving Environment	Manukau Harbour
Stormwater Catchment	Anns Creek
Development type	brownfield
SMP Purpose	Redevelopment
Unitary Plan Precinct	n/a
Resource consent reference	LUC60386041

HW Reference	2022-043
Date SMP Adopted	19 May 2022

## Stormwater management requirements

Stormwater management catchment	Proposed land use	Receiving environment	Water quality management	Hydrology mitigation (retention)	Hydrology mitigation (detention)	Flood management	Outlet design	Assets to be vested with council	General comments
1-5 Industry Road	The proposal includes over a total impervious area of 10,174m <sup>2</sup> the demolition of the existing structure on 5 Industry Road to allow for the construction of a new warehouse, transition building between warehouses, facilities, and production buildings. The remaining land of Industry Road for truck manoeuvring and a carpark.	Mangere Inlet	The carpark, roof areas, and redeveloped areas of the yard (9,137 m <sup>2</sup> ) will be treated through the use of a proprietary device by Stormwater360 called the Jellyfish. The treatment device will provide 75% TSS removal.	Not in a SMAF and not required as per NDC because site discharging through pipes into tidal outfall	Not in a SMAF and not required as per NDC because site discharging through pipes into tidal outfall	The proposed earthworks in the floodplain to achieve neutrality.  No increase in impervious area, so no downstream flood concerns.	Not applicable	Existing public pipe diversion, 28.1m	NZ Bakels own the sites at 421-429 Church Street, 1-5 Industry Road.

### Notes:

This document is prepared to provide a summary of the stormwater management requirements within the adopted Stormwater Management Plan. To see the full Stormwater Management Plan please contact [HWDevelopment@aucklandcouncil.govt.nz](mailto:HWDevelopment@aucklandcouncil.govt.nz)

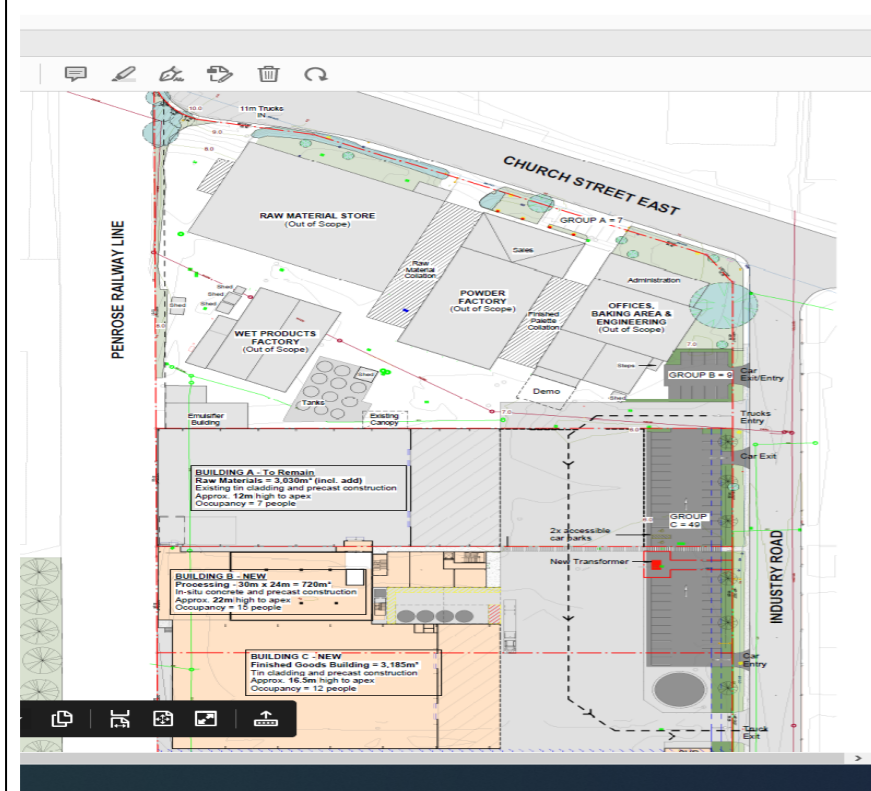
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## Site area



## Development plan

### Architecture Plan



### Stormwater Plan

