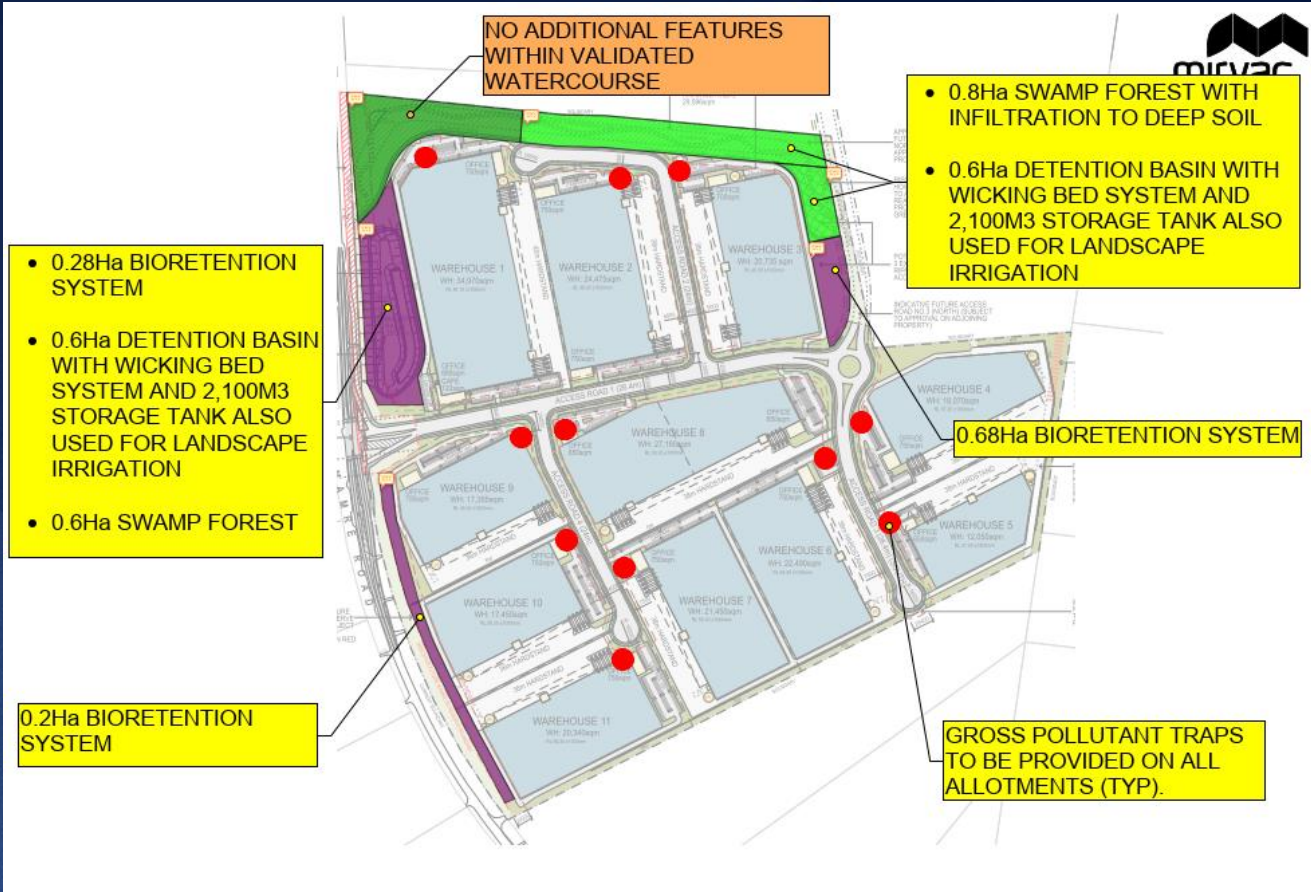


OPTON 1 - CONFIG#26 SWAMP FOREST INFILTRATION TO DEEP SOIL



NOTE:

DCP STATES THAT INFILTRATION TO DEEP SOIL IN NATURAL TRUNK DRAINAGE PATHS IS PERMISSIBLE WHERE "A DETAILED SALINITY AND SODICTY ASSESSMENT DEMONSTRATES INFILTRATION OF STORMWATER WILL NOT ADVERSLEY IMPACT THE WATER TABLE AND SOIL SALINITY."

OPTION 2 - CONFIG#26A SWAMP FOREST INFILTRATION INTERCEPTION / ROOF COOLING



1.1Ha SWAMP FOREST WITH 11,000M3 WICKING BED STORAGE FOR ROOF COOLING

0.8Ha SWAMP FOREST WITH 8,000M3 WICKING BED STORAGE FOR ROOF COOLING

0.6Ha SWAMP FOREST WITH 6,000M3 WICKING BED STORAGE FOR ROOF COOLING

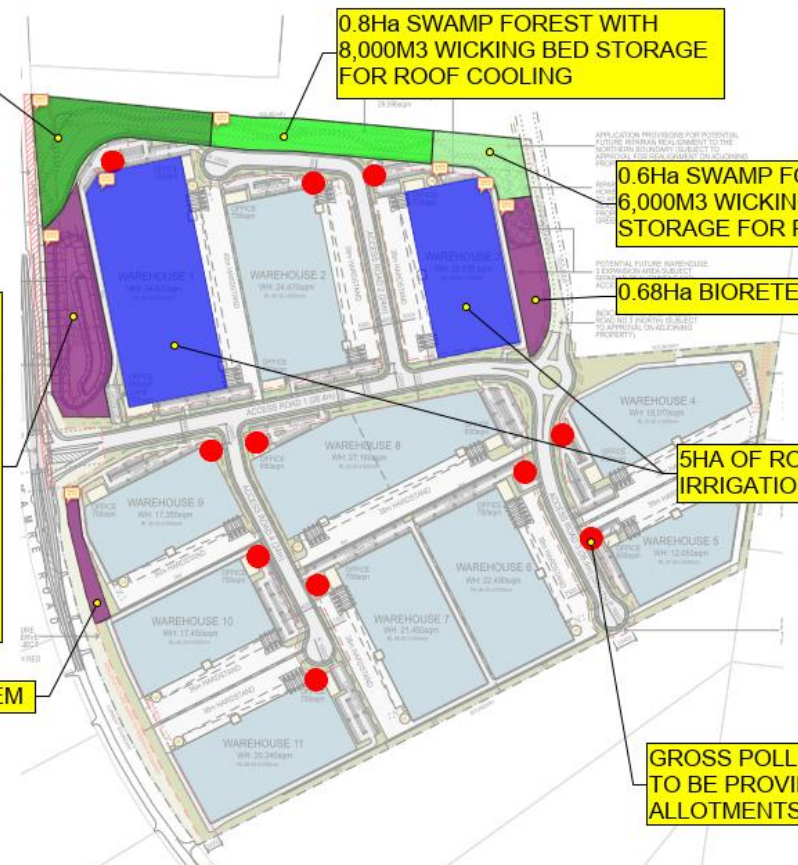
0.68Ha BIORETENTION SYSTEM

5HA OF ROOF THIN FILM IRRIGATION / COOLING

GROSS POLLUTANT TRAPS TO BE PROVIDED ON ALL ALLOTMENTS (TYP).

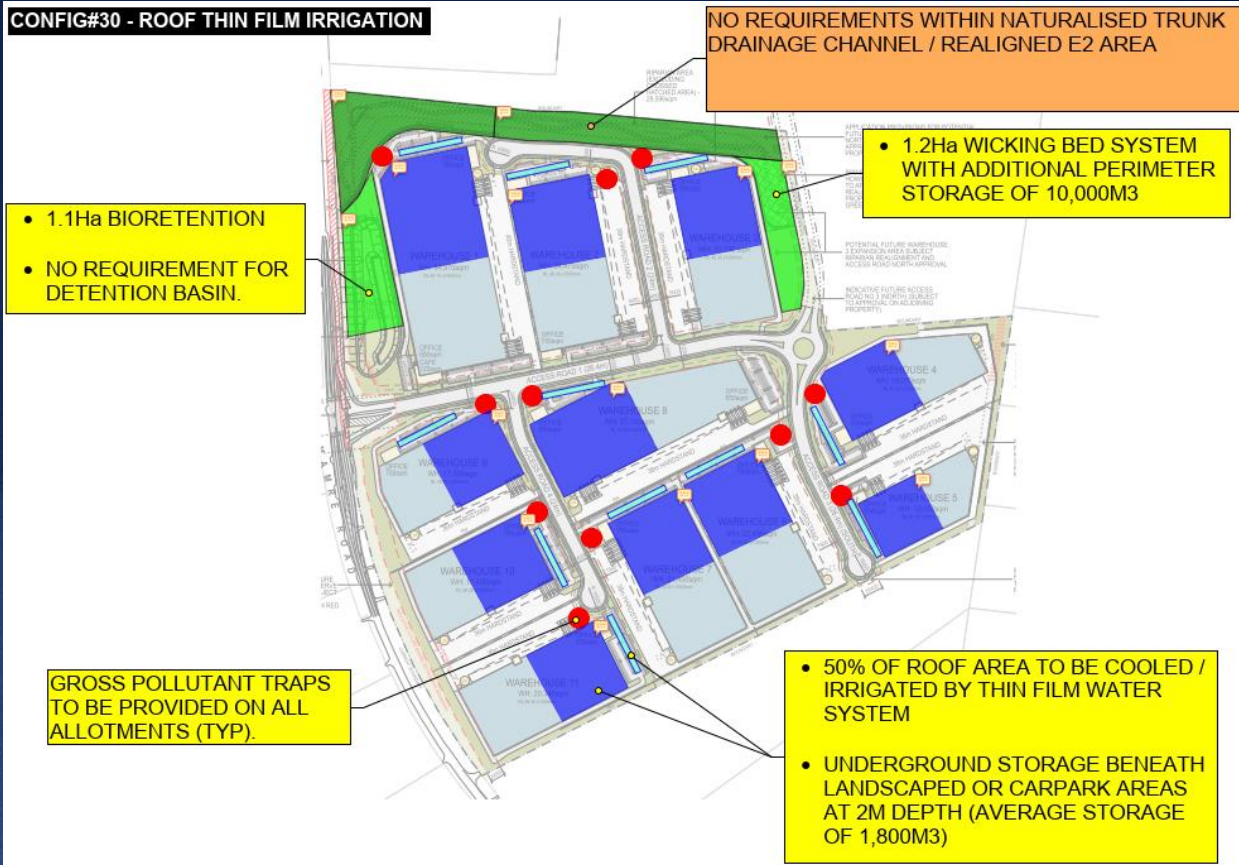
- 0.28Ha BIORETENTION SYSTEM
- 0.6Ha DETENTION BASIN WITH WICKING BED SYSTEM AND 2,100M3 STORAGE TANK ALSO USED FOR LANDSCAPE IRRIGATION
- 0.6Ha SWAMP FOREST

0.2Ha BIORETENTION SYSTEM



OPTION 3 - CONFIG#30 ROOF THIN FILM IRRIGATION (E2D IRRIGATION RATES)

CONFIG#30 - ROOF THIN FILM IRRIGATION



- 1.1Ha BIORETENTION
- NO REQUIREMENT FOR DETENTION BASIN.

NO REQUIREMENTS WITHIN NATURALISED TRUNK DRAINAGE CHANNEL / REALIGNED E2 AREA

- 1.2Ha WICKING BED SYSTEM WITH ADDITIONAL PERIMETER STORAGE OF 10,000M3

GROSS POLLUTANT TRAPS TO BE PROVIDED ON ALL ALLOTMENTS (TYP).

- 50% OF ROOF AREA TO BE COOLED / IRRIGATED BY THIN FILM WATER SYSTEM
- UNDERGROUND STORAGE BENEATH LANDSCAPED OR CARPARK AREAS AT 2M DEPTH (AVERAGE STORAGE OF 1,800M3)