

ORIGINAL SHEET - ARCH D





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- AREA ID

- RUNOFF COEFFICIENT

—— STORM DRAINAGE AREA ha.

STORM DRAINAGE BOUNDARY MAXIMUM STATIC PONDING LIMITS

EMERGENCY OVERLAND FLOW DIRECTION EXISTING EMERGENCY OVERLAND FLOW DIRECTION

PROPOSED STORM SEWER

PROPOSED CATCHBASIN

PROPOSED WATTS AREA DRAIN OR EQUIVALENT TO BE CONNECTED TO STORMWATER CISTERN VIA INTERNAL STORM SEWER PLUMBING. REFER TO MECHANICAL DRAWINGS for details.

EXISTING STORM SEWER EXISTING CATCHBASIN

THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.

LANDSCAPE AREAS

Notes

- INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL
- CONSULTANT. ROOF DRAINS CONNECTED TO INTERNAL PLUMBING SYSTEM AND STORMWATER
- MANAGEMENT CISTERN.
- STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A 120m³ CISTERN LOCATED IN THE UNDERGROUND PARKING GARAGE.
- PUMP TO BE PROVIDED BY MECHANICAL ENGINEER TO ACHIEVE CISTERN MAX RELEASE RATE OF 38.1 L/s

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Client/Project

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Title STORM DRAINAGE PLAN

