

ORIGINAL SHEET - ARCH D



SCHEDULE OF INLET CONTROL DEVICES								
TLET ORIFICE NAME	CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	100YR HEAD (m)	100YR FLOW (L/s)			
.1001A-IC	CB1001A	L1001A	VORTEX LMF70	1.38	5.1			
1001B-IC	CB1001B	L1001B	VORTEX LMF90	1.38	8.4			



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- AREA ID

- RUNOFF COEFFICIENT

— STORM DRAINAGE AREA ha.

STORM DRAINAGE BOUNDARY MAXIMUM STATIC PONDING LIMITS

DIRECTION OF OVERLAND FLOW

DIRECTION OF EXISTING OVERLAND FLOW

PROPOSED STORM SEWER PROPOSED CATCHBASIN MANHOLE

PROPOSED CATCHBASIN

CIRCULAR ORIFICE (SEE ICD TABLE ON SSP-1 AND SD-1) 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.

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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 110m³ CISTERN LOCATED IN THE UNDERGROUND PARKING GARAGE.
- PUMP TO BE PROVIDED BY MECHANICAL ENGINEER TO ACHIEVE CISTERN ALLOWABLE RELEASE RATE OF 14.4 L/s

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Title STORM DRAINAGE PLAN

