





Stantec

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Legend

BLDG

1.00 0.90

AREA ID

RUNOFF COEFFICIENT

STORM DRAINAGE AREA ha.

STORM DRAINAGE BOUNDARY

DIRECTION OF OVERLAND FLOW

PROPOSED STORM SEWER

PROPOSED STORMCEPTOR

PROPOSED CATCHBASIN

PROPOSED AREA DRAIN

CIRCULAR ORIFICE (SEE DWG SD-1)

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.

2	ISSUED FOR REVIEW	WAJ	DCT	19.07.19
1	ISSUED FOR BUILDING PERMIT, BUILDINGS A & B	WAJ	DCT	19.06.27
Revision		By	Appd.	YY.MM.DD
File Name: 160401483-DB		WAJ	KJK	19.04.03
		Dwn.	Chkd.	Dsgn.
Permit Seal				

Permit-Seal

Client/Project

GREAT WISE DEVELOPMENT
333 Wilson Ave, Suite 200, Toronto, ON

NORBERRY RESIDENCES

OTTAWA, ON

Title

STORM DRAINAGE PLAN

Project No.
160401483

Scale
1:500

Drawing No.
Sheet

Revision

SD-1

7 of 7

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SCHEDULE OF ROOF RELEASE RATES				
DRAINAGE AREA ID	DRAIN TYPE	# DRAINS	100 YEAR HEAD (m)	100 YEAR RELEASE RATE (L/s)
BLDGA	WATTS R1100 ACCUTROL (25% OPEN)	8	0.142	7.37
BLDGB	WATTS R1100 ACCUTROL (25% OPEN)	8	0.140	7.31
BLDGC	WATTS R1100 ACCUTROL (25% OPEN)	8	0.142	7.37

SCHEDULE OF INLET CONTROL DEVICES				
CATCHBASIN ID	TRIBUTARY AREA ID	100YR HEAD (m)	100YR RELEASE RATE (L/s)	ICD TYPE
CB-201	L102A	1.44	7.36	IPX TEMPEST LMF 80
CB-201	L102A	1.43	11.25	80mm ORIFICE
CB-201	L103B	1.43	10.19	IPX TEMPEST LMF 80
CB-201	L101B	1.32	25.37	102mm ORIFICE
AREA DRAIN 300	L301A	1.36	42.75	127mm ORIFICE
AREA DRAIN 301	L301A	1.36	42.75	127mm ORIFICE

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2019/07/18 11:17 AM by: J. Wilson, J. Wilson

ORIGINAL SHEET - ARCH D