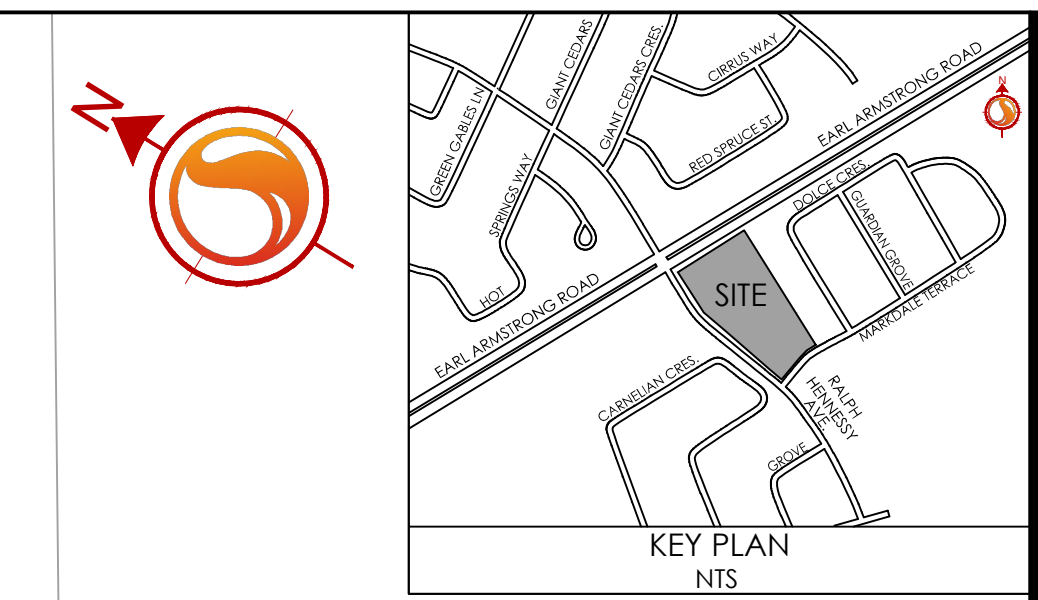


V:\01\404\active\16401422\Richcraft Block 221 Riverside\design\drawing\16401422-DB.dwg
22/07/2023 10:40 AM BY: Sharp, Mike

ORIGINAL SHEET - ARCH-D



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Legend

BLDG

1.00 0.90

AREA ID

RUNOFF COEFFICIENT

STORM DRAINAGE AREA h_o

STORM DRAINAGE BOUNDARY

MAXIMUM PONDING LIMITS

DIRECTION OF OVERLAND FLOW

PROPOSED STORM SEWER

PROPOSED CATCHBASIN MANHOLE

PROPOSED CATCHBASIN

PROPOSED DOUBLE CATCH BASIN

PROPOSED SUB DRAIN CATCH BASIN AS PER CITY OF OTTAWA STANDARD DETAIL DRAWINGS L10 AND L11

PROPOSED PERFORATED SUBDRAIN

EXISTING STORM SEWER

EXISTING CATCHBASIN MANHOLE

EXISTING CATCHBASIN

EXISTING SUBDRAIN 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.

ICD SIZE AND LOCATION, REFER TO ICD TABLE.

ICD SIZE AND LOCATION, REFER TO ICD TABLE.

ICD SIZE AND LOCATION, REFER TO ICD TABLE.

SCHEDULE OF INLET CONTROL DEVICES					
OUTLET ORIFICE NAME	CATCHBASIN ID	TRIBUTARY AREA ID	MINOR SYSTEM NODE	100YR HEAD (m)	100YR RELEASE RATE (L/s)
L100A/C	L100A-1	L100A	STM 103	1.44	6.00
L100A/C	L100B-1	L100B	STM 102	1.48	6.09
L100A/C	L100A-1	L100A	STM 102	1.51	6.15
L100A/C	L100A-1	L100A	STM 101	1.48	6.09
L100A/C	L100A-1	L100A	STM 104	1.44	6.01
L100A/C	L100B-1	L100B	STM 100	0.87	3.54
L100A/C	L100A-1	L100A	STM 100	2.55	36.48

3	REVIEWED PER NEW SITE PLAN AND CITY COMMENTS	MJS	KS	20.03.30	
2	REVIEWED AS PER SITE PLAN AND CITY COMMENTS	MJS	KS	19.09.06	
1	ISSUED TO CITY FOR SPA	MJS	KS	18.12.18	
Revision		By	Appd.	YY.MM.DD	
File Name: 16401422-DB		MJS	KS	MJS	18.08.24
		Dwn.	Chkd.	Dsgn.	YY.MM.DD

Client/Project

RICH CRAFT HOMES
2280 ST. LAURENT BOULEVARD
OTTAWA, ON, K1G 4K1
RIVERSIDE SOUTH PHASE 8
BLOCK 221
OTTAWA, ON

Title

STORM DRAINAGE PLAN

Project No.

16401422

Scale

0 4 12 20m

1:400

Drawing No.

SD-1

Sheet

6 of 7

Revision

3

Revision

17860

007-12-18-0197