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Legend

- PROPOSED STORM SEWER
- PROPOSED DRAINAGE BOUNDARY
- PROPOSED CATCHBASIN
- ST101A
- STORM DRAINAGE AREA ID#
- C-Coefficient Value
- DRAINAGE AREA (HA)
- DRAINAGE AREA PREFIX
- LOCAL ROAD, 2-YEAR DESIGN EVENT
- COLLECTOR ROAD, 5-YEAR DESIGN EVENT
- FULL CAPTURE AREA, 100-YEAR DESIGN EVENT
- EXTERNAL DRAINAGE AREA
- DIRECTION OF OVERLAND FLOW
- EXTERNAL DRAINAGE TO MINOR SYSTEM
- CIRCULAR ORIFICE (SEE DWG SD-1)
- SERVICE LATERAL LOCATION
- PROPOSED BIOSWALL (SEE NOTE 5)
- PROPOSED CONSTRUCTION PHASING
- EXISTING STORM SEWER
- EXISTING DRAINAGE BOUNDARY
- EXISTING CATCHBASIN

NOTES:

- PROPOSED IPEX TEMPEST HF ICDS ARE TO HAVE CIRCULAR ORIFICES AS SPECIFIED AND ARE REQUIRED TO BE VERTICAL SLIDING TYPE WITH FLOATABLE TRAP.
- NO LIMIT OF HAZARD LANDS HAS BEEN DEFINED AS PER GEOTECHNICAL MEMO P0302-MEMO.03 DATED MARCH 15, 2018 PREPARED BY PATRICKSON GROUP.
- REALIGNED CARP RIVER CHANNEL AS PER CARP RIVER, POOLE CREEK AND FREEMILL CREEK RESTORATION DRAWINGS DATED APRIL 15, 2016 PREPARED BY AECOM.
- NO SERVICE LATERALS SHALL HAVE MORE THAN 2 - 22.5' BENDS AS PER CITY STD S11.3. NO SERVICES SHALL BE CONNECTED TO MAINTENANCE HOLES.
- PROPOSED REAR YARDS AS INDICATED ON THE DWGS TO BE EQUIPPED WITH BIOSWALLS ALONG THE LENGTH OF THE PROPOSED SUBDRAIN AS PER THE DETAILS SHOWN ON DWG DS-3.
- AREA B-1 REPRESENTS A FUTURE RESIDENTIAL AREA WITH MINOR SYSTEM CAPTURE EQUIVALENT TO 2-YEAR RUNOFF.
- AREA B-3 REPRESENTS A FUTURE ARTERIAL ROAD WITH MINOR SYSTEM CAPTURE EQUIVALENT TO 10-YEAR RUNOFF.
- INFILTRATION TARGET FOR OVERALL SITE TO BE ACHIEVED THROUGH PROPOSED REAR YARD BIOSWALLS AS SHOWN. AMENDED TOPSOIL IN PROPOSED REAR YARD AREAS (PLEASE REFER TO LANDSCAPE DRAWINGS FOR DETAILS). AMENDED TOPSOILS IN LANDSCAPED AREAS OF THE PROPOSED PARK BLOCK (AREA G234A) AND INFILTRATION MEASURES WITHIN THE FUTURE SCHOOL BLOCK (AREA L218A) TO ACHIEVE AN OVERALL INFILTRATION RATE OF 671 m³/year.

8	ISSUED FOR APPROVAL	WAJ	SGG	25.09.26
7	REVISED DRAFT PLAN	WAJ	SGG	25.07.10
6	REVISED DRAFT PLAN	WAJ	SGG	23.12.14
5	REVISED AS PER CITY COMMENTS	WAJ	SGG	22.08.23
4	ISSUED FOR TENDER	WAJ	SGG	22.07.22
3	REVISED AS PER CITY COMMENTS	WAJ	SGG	22.05.09
2	REVISED AS PER CITY COMMENTS	WAJ	SGG	21.07.07
1	ISSUED FOR FIRST SUBMISSION	WAJ	SGG	20.11.24
Revision		By	Appd.	YY.MM.DD
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Permit-Seal				

Client/Project

**RICH CRAFT HOMES
SECOND REGISTRATION PHASE**

**RICH CRAFT KANATA WEST
1620 MAPLE GROVE ROAD
OTTAWA, ON**

Title

STORM DRAINAGE AREA PLAN

Project No.

160401393

Drawing No.

SD-2

Scale

0 10 30 50m
1:1000

Sheet

41 of 44

Revision

8

