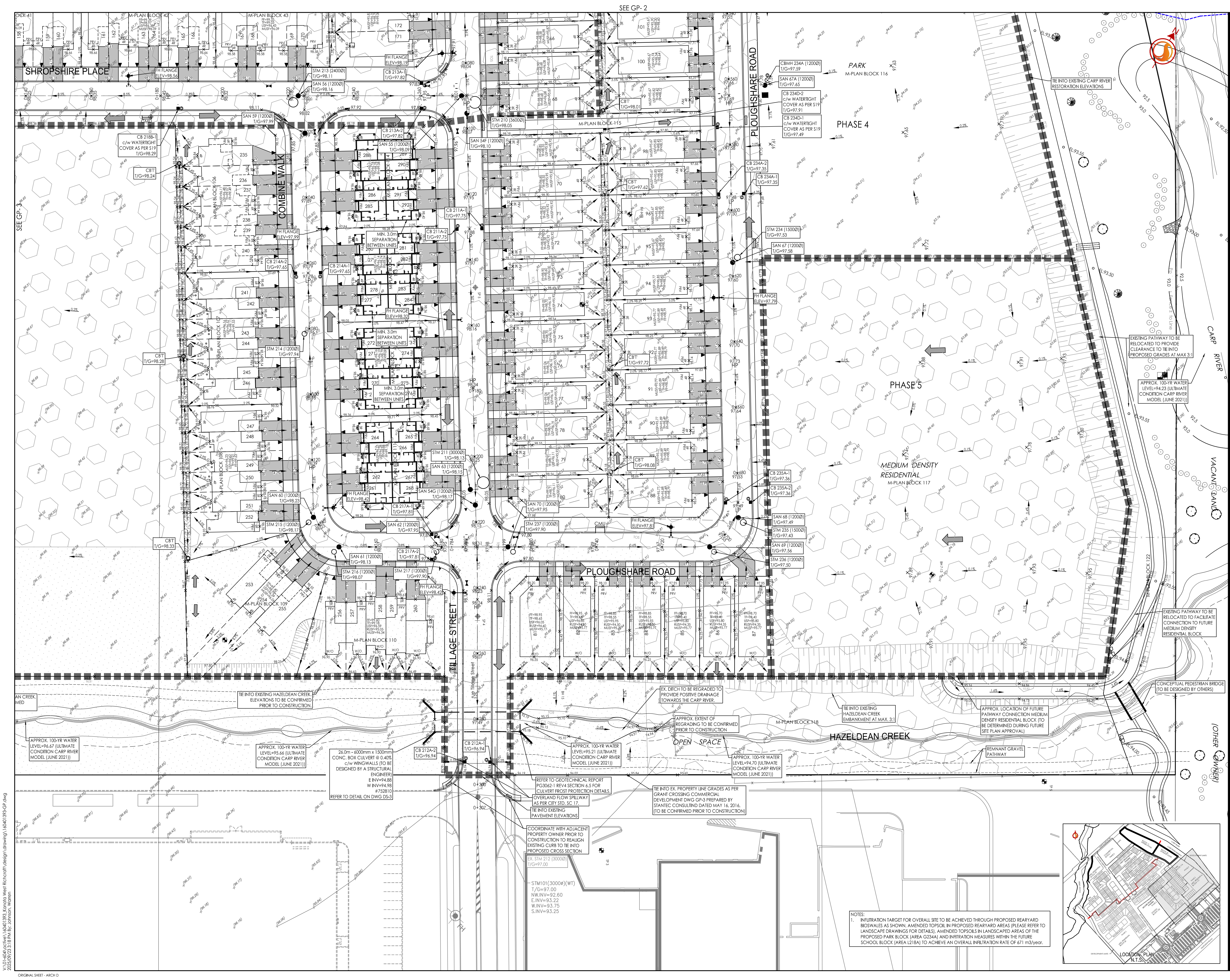




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Legend

99.99	ORIGINAL GROUND ELEVATION
99.99	PROPOSED ELEVATION
2.00	PROPOSED LOT CORNER ELEVATION
FF=99.99	EXISTING ELEVATION AT LOT CORNER
USF=97.14	FLOW DIRECTION AND GRADE
RUST=96.70	FINISHED FIRST FLOOR ELEVATION
3R	TOP OF FOUNDATION WALL ELEVATION
B/S	UNDERSIDE OF FOOTING ELEVATION
W/O	REAR UNDERSIDE OF FOOTING ELEVATION
E.F.	MINIMUM UNDERSIDE OF FOOTING ELEVATION
31	NUMBER OF REERS
31	BACKSPLIT TYPE UNIT WITH SPECIAL FOUNDATION DESIGN TO PROVIDE FROST PROTECTION
31	WALK-OUT TYPE UNIT WITH SPECIAL FOUNDATION DESIGN TO PROVIDE FROST PROTECTION
31	ENGINEERED FILL REQUIRED
31	TERRACING 3:1 SLOPE MAXIMUM (UNLESS OTHERWISE SHOWN)
31	PROPOSED SWALE
31	DIRECTION OF OVERLAND FLOW
31	PROPOSED VALVE BOX
31	PROPOSED VALVE CHAMBER
31	PROPOSED FIRE HYDRANT
31	PROPOSED SANITARY SEWER MANHOLE
31	PROPOSED STORM SEWER MANHOLE
31	PROPOSED CATCHBASIN MANHOLE
31	PROPOSED DOUBLE CATCHBASIN
31	PROPOSED CATCHBASIN 'T'
31	CIRCULAR ORIFICE (SEE DWG SD-1)
31	PROPOSED DEPRESSED CURB LOCATION
31	PROPOSED MOUNTABLE/BARRIER CURB LOCATIONS
31	PROPOSED NOISE BARRIER LOCATION
31	PROPERTY LINE
31	KANATA WEST POND 5 BLOCK 137
31	PROPOSED STEPPED FOUNDATION
31	AREAS WHERE GRADE RISES UP TO 1.0m ARE PERMITTED
31	AREAS WHERE GRADE RISES UP TO 1.5m ARE PERMITTED
31	AREAS WHERE GRADE RISES UP TO 2.0m ARE PERMITTED
31	PROPOSED CONSTRUCTION PHASING
31	PROPOSED BIOSWALE (SEE NOTE 5)
31	PROPOSED FRESHWATER
31	PRV UNIT TO BE EQUIPPED WITH PRESSURE REDUCING VALVE (PRV)

NOTES:

1. GEOTECHNICAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO IS TO INSPECT ALL SUBGRADE SURFACES FOR FOOTING AND PAVEMENT STRUCTURES PRIOR TO CONSTRUCTION.
2. NO LIMIT OF HAZARD LANDS HAS BEEN DETERMINED FOR HAZELDEAN CREEK AS PER GEOTECHNICAL REPORT PG3062-1 DATED MAY 24, 2019 PREPARED BY PATTERSON GROUP.
3. REALIGNED CARP RIVER CHANNEL AS PER CARP RIVER POOLE CREEK AND FIDMILL CREEK RESTORATION DRAWINGS DATED APRIL 15, 2016 PREPARED BY AECOM.
4. REFER TO LOT AND BLOCK GRADING DETAIL ON DRAWING D-5.
5. PROPOSED REAR YARDS AS INDICATED ON THE DWGS TO BE EQUIPPED WITH BIOSWALES ALONG THE LENGTH OF THE PROPOSED SUBDRAIN AS PER THE DETAILS SHOWN ON DWG D-3.
6. REFER TO GEOTECHNICAL MEMO PG3062-MEMO 06 REV 1 PREPARED BY PATTERSON GROUP INC. DATED MAY 24, 2019 FOR LIGHTWEIGHT FILL AND SURCHARGE RECOMMENDATIONS.
7. ALL PROPOSED UNITS TO BE EQUIPPED WITH PRESSURE REDUCING VALVES (PRVS) AS PER THE ONTARIO BUILDING CODE.
8. MINIMUM 3.0m SEPARATION IS REQUIRED BETWEEN ALL BACK TO BACK BLOCKS.
9. MINIMUM 3.0m SEPARATION OR FIREWALLS IS REQUIRED BETWEEN TOWNHOUSE BLOCKS 1, 2, 6, 7, 8, 9, 37, 38, 39, 50, 51.
10. REFER TO DWG N-1 FOR COMPOSITION OF AMENDED TOPSOIL IN LANDSCAPED AREAS OF PARKS AND REAR YARDS.

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

Rev No.	100401393-08	WAJ	SGG	Appd.	YY.MM.DD
Rev No.	100401393-08	WAJ	SGG	Dwn.	YY.MM.DD

Permit-Seal

Client/Project	RICH CRAFT HOMES SECOND REGISTRATION PHASE		
Client/Project	RICH CRAFT KANATA WEST 1620 MAPLE GROVE ROAD OTTAWA, ON		
Title	GRADING PLAN		
Project No.	160401393	Scale	0 5 15 25m
Drawing No.	Sheet	Revision	

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NOTES:

1. INFILTRATION TARGET FOR OVERALL SITE TO BE ACHIEVED THROUGH PROPOSED REARYARD BIOSWALES AS SHOWN. AMENDED TOPSOIL IN PROPOSED REARYARD 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.