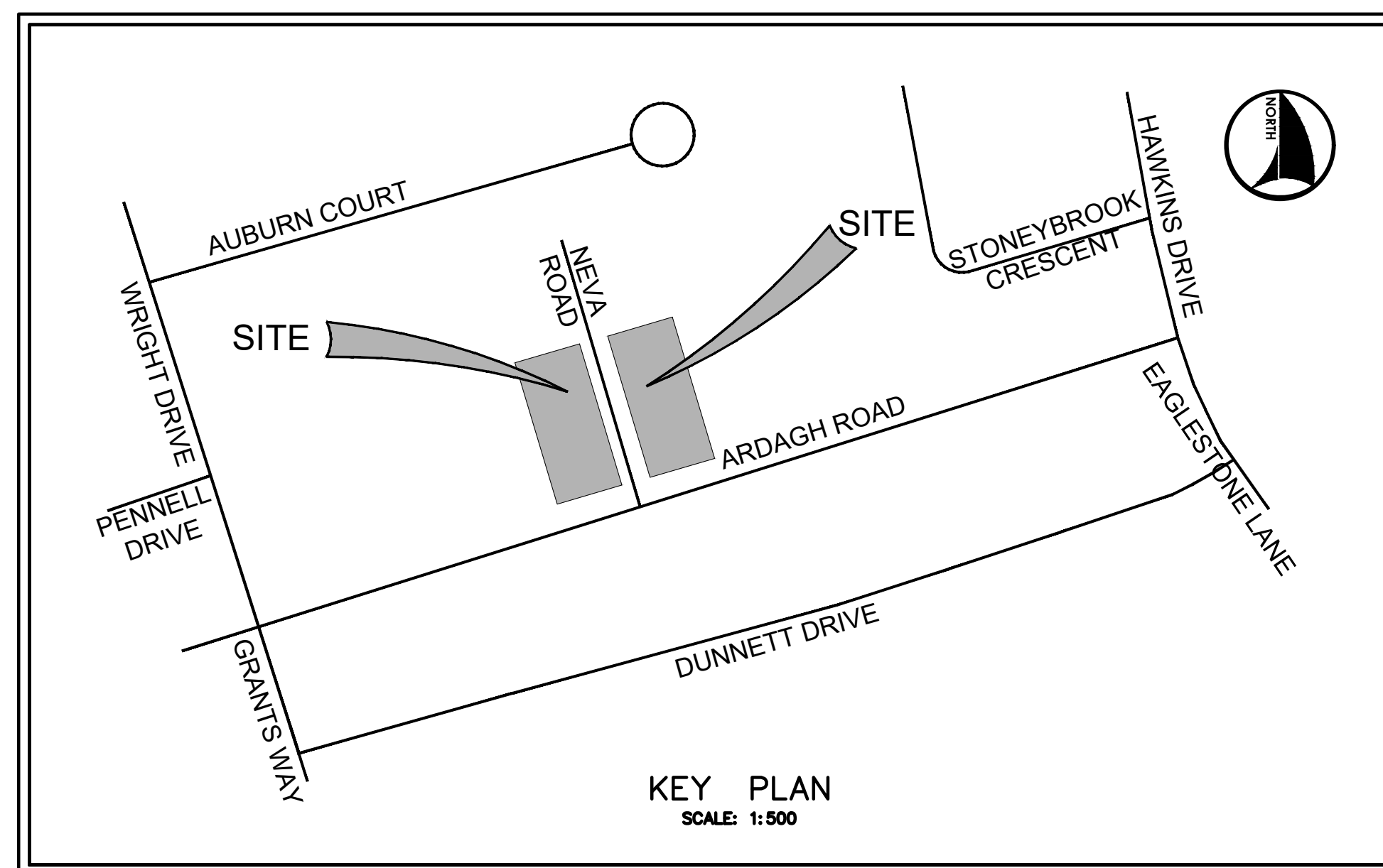




ENGINEERING DEPARTMENT

KING RICH HOMES GROUP.
334 + 340 ARDAGH ROAD, BARRIE, ON
CITY FILE NO. D28-071-2023



LIST OF DRAWINGS

C00	TITLE SHEET & INDEX
C01	STANDARD NOTES
C02	SITE GRADING PLAN
C03	SITE SERVICING PLAN
C04	SERVICE CONNECTION PROFILES
C05	EROSION AND SEDIMENT CONTROL PLAN



Aplin & Martin Consultants Ltd.
#403 - 354 Davis Road, Oakville, ON, Canada L6J 2X2
Tel: (905) 582-0630, Fax: (604) 597-9061, Email: general@aplinmartin.com

ENGINEERING DRAWING NOTES

- ALL FOOTING FORMWORK ELEVATIONS AND SETBACKS ARE TO BE CONFIRMED BY A REGISTERED PROFESSIONAL ENGINEER OR REGISTERED ONTARIO LAND SURVEYOR PRIOR TO THE PLACING OF ANY CONCRETE.
- PRIOR TO THE SUPERSTRUCTURE WORKS PROCEEDING AND THE RELEASE OF THE COMPLETION STAGE PERMIT, THE OWNER'S CONSULTANT MUST CERTIFY THAT THE TOP OF FOUNDATIONS ARE IN CONFORMITY WITH THE GRADING PLAN REVIEWED BY THE CITY.
- ALL RAINWATER LEADERS SHALL DISCHARGE ONTO CONCRETE SPLASH PADS AT GROUND LEVEL AT THE LOCATIONS INDICATED ON THIS PLAN.
- EXISTING BOUNDARY ELEVATIONS ALONG THE SITE PERIMETER SHALL REMAIN UNDISTURBED. DRAINAGE RECEIVED FROM ADJACENT PROPERTIES SHALL BE ACCOMMODATED AND DRAINAGE FROM THE SUBJECT LANDS SHALL BE SELF-CONTAINED.
- ALL YARD AREAS SHALL RECEIVE A MINIMUM OF 100MM OF TOPSOIL PLUS SOD.
- PURSUANT TO BY-LAW NO. 41-07, ALL TREES WITHIN 6 METERS OF THE CONSTRUCTION ACTIVITY*, MUST BE PROTECTED USING THE PROTECTION FENCING CONSISTENT WITH THE DETAIL ON THE BACK OF THE TREE DECLARATION PAGE WHILE WORK IS UNDERWAY. ALL WORKS MUST BE KEPT OUTSIDE OF THE MINIMUM PROTECTION ZONE (MPZ) FOR ALL TREES. ANY WORKS WITHIN THE MPZ COUNT AS INJURY. DESTRUCTION/ INJURY TO TREES GREATER THAN OR EQUAL TO 20CM DBH WITHOUT A PERMIT WOULD BE A CONTRAVENTION OF THE BY-LAW AND MAY RESULT IN CHARGES BEING LAID.
- BOUNDARY TREES: IN ADDITION TO THE MUNICIPAL BY-LAWS, IT IS REQUIRED BY LAW IN THE PROVINCE OF ONTARIO TO OBTAIN THE CONSENT OF ANY BOUNDARY TREE'S OWNED PRIOR TO INJURING OR REMOVING THAT TREE. PARAGRAPH 10 OF THE FORESTRY ACT, R.S.O. 1990, C. F.26 STATES THAT: 10. (2) EVERY TREE WHOSE TRUNK IS GROWING ON THE BOUNDARY BETWEEN ADJOINING LANDS IS THE COMMON PROPERTY OF THE OWNERS OF THE ADJOINING LANDS. 1998, C. 18, SCHED. I, S. 21. (3) EVERY PERSON WHO INJURES OR DESTROYS A TREE GROWING ON THE BOUNDARY BETWEEN ADJOINING LANDS WITHOUT THE CONSENT OF THE LAND OWNERS IS GUILTY OF AN OFFENCE UNDER THIS ACT. 1998, C. 18, SCHED. I, S. 21. THE DETERMINATION OF OWNERSHIP OF THE SUBJECT TREE(S) IS THE RESPONSIBILITY OF THE APPLICANT. ANY CIVIL OR COMMON-LAW ISSUES BETWEEN PROPERTY OWNERS WITH RESPECT TO JOINT/MULTIPLE OWNERSHIP OF TREES MUST BE RESOLVED BY THE APPLICANT. A PERMIT/APPROVAL TO INJURE OR DESTROY (A) TREE(S) ON PRIVATE PROPERTY DOES NOT GRANT AUTHORITY TO ENCR OACH IN ANY MANNER OR ENTER ONTO ADJACENT PRIVATE PROPERTIES. PLEASE CONTACT A PARK & NATURAL HERITAGE PLANNING REPRESENTATIVE IF YOU REQUIRE MORE INFORMATION.
- THE OWNER SHALL CONTACT THE PUBLIC WORKS OPERATIONS DIVISION OF THE COMMUNITY SERVICES DEPARTMENT AND MAKE ARRANGEMENTS NECESSARY FOR DRIVEWAY ACCESS AND SITE SERVICE CONNECTIONS.
- THE OWNER SHALL CONTACT THE CITY BUILDING SERVICES DIVISION A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION OF ANY RETAINING WALL DEEMED TO BE A 'DESIGNATED STRUCTURE' IN ORDER TO ARRANGE FOR ANY NECESSARY INSPECTIONS.
- THE OWNER IS RESPONSIBLE TO ENSURE ALL CONSTRUCTION ACTIVITY AND FINAL PRODUCT CONFORMS TO ALL CITY BYLAWS AND CITY STANDARDS.
- FOR PROPOSED INFILTRATION GALLERIES, THE OWNER SHALL PROVIDE THE CITY WITH CONSTRUCTION PHOTOS AFTER EXCAVATION OF THE GALLERY AND TRENCHES FOR ROOF DRAIN PIPE CONNECTIONS. PRIOR TO BACKFILLING, THE OWNER SHALL ALSO PROVIDE CONSTRUCTION PHOTOS AFTER INSTALLATION OF CLEAR STONE AND ROOF DRAIN PIPE.
- THE OWNER IS RESPONSIBLE TO ENSURE ALL CONSTRUCTION AND GRADING IS IN CONFORMITY WITH THIS APPROVED SITE GRADING PLAN OR/ SITE ALTERATION PLAN AND TO THE SATISFACTION OF CITY STAFF. ANY DEVIATION FROM THIS APPROVED SITE GRADING PLAN OR/ SITE ALTERATION PLAN COULD RESULT IN AN AMENDMENT TO THE SITE PLAN AGREEMENT OR/ SITE ALTERATION PERMIT AND/OR DELAY RELEASE OF THE SECURITY DEPOSIT.

*CONSTRUCTION ACTIVITY INCLUDES, BUT IS NOT LIMITED TO: DEMOLITION WORK; SOIL EXCAVATION; GRADING OR BORING; CARPENTRY; ELECTRICAL OR PLUMBING WORK; AND, MOVEMENT/ STORAGE OF CONSTRUCTION MATERIALS, EQUIPMENT, VEHICLES, SOIL OR DEBRIS.

I HAVE REVIEWED THE PLANS FOR THE CONSTRUCTION OF THE PROPOSED PLAN OF THE 20 UNIT TOWNHOUSES LOCATED AT 334 & 340 ARDAGH ROAD, AND HAVE PREPARED THIS PLAN TO INDICATE THE COMPATIBILITY OF THE PROPOSAL WITH ALL ADJACENT PROPERTIES AND EXISTING MUNICIPAL SERVICES. IT IS MY BELIEF THAT ADHERENCE TO THE PROPOSED ELEVATIONS AND GRADIENTS AS SHOWN WILL PRODUCE ADEQUATE SURFACE DRAINAGE AND PROPER FACILITY OF MUNICIPAL SERVICES WITHOUT DETRIMENTAL EFFECT TO THE EXISTING DRAINAGE PATTERNS OR ADJACENT PROPERTIES.

I ALSO CONFIRM THAT THE EXISTING SEWERS AND WATERMAINS SHOWN ON THIS PLAN HAVE BEEN FIELD VERIFIED AS TO THE LOCATION AND ELEVATION."

WATERMAIN NOTES:

- CONTRACTORS SHALL INFORM THE CITY OF BARRIE WATER OPERATIONS DEPARTMENT A MINIMUM OF 48 HOURS IN ADVANCE OF THEIR INTENTIONS TO PERFORM WORK ON WATER INFRASTRUCTURE.
- OPERATION OF HYDRANTS AND VALVES ON THE POTABLE WATER SYSTEM BY OTHER THAN QUALIFIED WATER OPERATIONS STAFF IS PROHIBITED BY CURRENT BY-LAW. CITY SERVICE FEES ARE PER THE CURRENT FEES BY-LAW. THE CITY'S WATER OPERATIONS STAFF WILL SWAB, PRESSURE TEST, CHLORINATE AND FLUSH ALL NEW WATERMAINS.
- MINIMUM COVER OVER WATERMAIN SHALL BE 1.7m. THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATERMAIN AND SEWERS SHALL BE 2.5m. WHERE WATERMAIN CONFLICTS WITH SEWER PIPES, DEFLECT WATERMAIN HORIZONTALLY OR VERTICALLY WHILE PROVIDING A MINIMUM OF 0.5m CLEARANCE BETWEEN WATERMAIN AND SEWERS. MAINTAIN MINIMUM DEPTH OF COVER AT ALL TIMES.
- WATERMAIN SHALL BE INSTALLED IN BEDDING AS PER OPSD 802.010 (GRANULAR 'A' EMBEDMENT MATERIAL) FOR FLEXIBLE PIPES AND OPSD 802.030 OR 802.031 CLASS 'B' (GRANULAR 'A' BEDDING MATERIAL, GRANULAR 'A' OR SELECT NATIVE COVER MATERIAL) FOR RIGID PIPE UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF WATER OPERATIONS. ALTERNATIVE EMBEDMENT MATERIAL - SAND MEETING GRADATION REQUIREMENTS OF OPS&MUNI 1004.05.07 COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY IS PERMISSIBLE WHERE NOTED IN STANDARD DETAILS. GEOTECHNICAL CERTIFICATION OF MATERIAL AND COMPACTION TESTING MUST BE PROVIDED EVERY 150 METRES. THE COMPACTION TESTING MUST INCLUDE THE ENTIRE EMBEDMENT ENVELOPE (HAUNCHES, BEDDING, TOP OF PIPE AND COVER).
- COPPER WATER MAINS AND SERVICES 25mm TO 50mm IN DIAMETER SHALL BE EMBEDDED IN SAND 100mm ABOVE AND BELOW TO CONFORM TO OPS&MUNI 1004.05.07.
- RESTRAINING WILL BE REQUIRED ON ALL HYDRANTS. THRUST BLOCKS, AS PER OPSD 1103.010 AND 1103.020, RESTRAINING DEVICES MAY BE REQUIRED IN ADDITION TO STANDARD CONCRETE THRUST BLOCKING WHERE SOIL CONDITIONS WARRANT AT THE CITY'S DISCRETION.
- NEW WATERMAINS TO BE PVC DR18 CL150 MINIMUM; DUCTILE IRON CL52 AS PER THE APPROVED MANUFACTURERS PRODUCTS FOR LINEAR WATER SYSTEMS LIST.
- TRACING WIRE SHALL BE #12 AWG HIGH STRENGTH COPPER CLAD (HS-CSS) AND SHALL BE INSTALLED ON THE TOTAL LENGTH OF ALL WATERMAIN AND BROUGHT UP AT EACH HYDRANT AND TERMINATED INSIDE A HYDRANT TEST STATION. ALL SPLICES TO UTILIZE CONNECTORS AS PER THE APPROVED MANUFACTURERS PRODUCTS FOR LINEAR WATER SYSTEMS LIST.
- ALL WATER SERVICES SHALL BE MINIMUM 25mm TYPE 'K' COPPER OR 25mm CROSS-LINKED POLYETHYLENE UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF WATER OPERATIONS. WATER SERVICE SADDLES SHALL BE USED WHEN TAPPING INTO PVC WATERMAIN.
- SERVICE TAPPINGS SHALL BE PLACED AT A MINIMUM SEPARATION OF 1.0m AND A MINIMUM OF 0.6m FROM JOINTS. (ENDS OF PIPE)
- RISER PIPES ARE TO BE INSTALLED AS PER BSD-510, AND REMOVED AS DIRECTED, SWABBING SCHEDULE TO BE SUPPLIED BY A WATER OPERATIONS FIELD REPRESENTATIVE. ALL RISERS ARE TO BE RESTRAINED OR THRUST BLOCKED.
- ALL NEW CURB STOPS AND BOXES TO BE LOCATED AT PROPERTY LINE AND OUT OF DRIVEWAYS AND SIDEWALKS.

STORM SEWER NOTES:

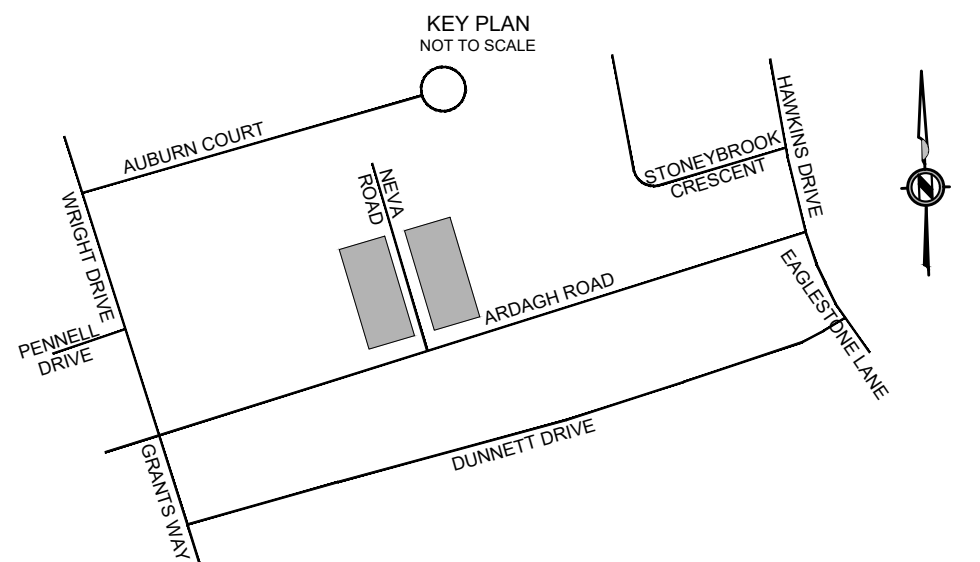
- STORM SEWER TO BE PROVIDED ON ALL ROADS WITH CURB AND GUTTER.
- PLACE ALL CATCH BASIN LATERALS AT 2% GRADE UNLESS OTHERWISE NOTED. PIPE SIZE MINIMUM 250mm DIA. SINGLE , 300mm DIA. DOUBLE.
- STORM SEWERS SHALL BE CONSTRUCTED WITH BEDDING AS PER OPSD-802.010 (GRAN. 'A' EMBEDMENT MATERIAL) FOR FLEXIBLE PIPES AND OPSD-802.030 OR 802.031 CLASS B (GRAN. 'A' BEDDING MATERIAL) FOR RIGID PIPE UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF ENGINEERING.
- MAINTENANCE HOLE TOPS (FRAMES) AND CATCH BASIN (FRAMES) ARE TO BE SET TO BASE COURSE ASPHALT GRADE AND THEN ADJUSTED TO FINAL GRADE WHEN THE TOP LIFT OF ASPHALT IS PLACED. ALL ADJUSTMENT WILL BE ACCORDANCE WITH BSD-N2.
- STORM SEWER TO BE LOCATED OFFSET 3.0m SOUTH OR EAST OF CENTRELINE UNLESS OTHERWISE SPECIFIED.
- ALL CONNECTIONS TO THE STORM MAIN SHALL BE MADE WITH A STORM MANHOLE OR APPROVED FACTORY TEE CONNECTION AS PER OPSD-708.01 OR 708.03.
- PIPE MATERIAL TO BE REINFORCED CONCRETE WITH A MINIMUM STRENGTH OF 50 N/m/mm CERTIFIED TO C.S.A. STANDARD A247.2-1982, CLASS 50-D (PREVIOUSLY C.S.A. STANDARD A257.2-1974, CLASS II) OR PVC CERTIFIED TO C.S.A. STANDARDS 182.2 AND 182.4.
- STORM SEWER TO BE MINIMUM 300mm DIAMETER WITH JOINTS CONFORMING TO C.S.A. STANDARD A257.3.
- ALL PIPE BEDDING MUST CONFORM TO OPSD, MAXIMUM COVER TABLE. NO FLEXIBLE PIPE SEWERS WILL BE INSTALLED WITH A DEPTH OF COVER GREATER THAN 6 METRES UNLESS SPECIFICALLY APPROVED BY THE DIRECTOR OF ENGINEERING.
- ALL PIPE HANDLING INSTALLATIONS MUST BE IN STRICT COMPLIANCE WITH MANUFACTURES INSTALLATION GUIDES AND THE O.C.P.A. OR UNIBELL GUIDELINES.
- SUMP PUMP DISCHARGE PIPING IN BOULEVARD:
IN THE EVENT OF OVERACTIVE SUMP PUMP ACTIVITY, A 150mm DIAMETER PVC DR-28 SEWER MAY BE INSTALLED, WHEN SO DIRECTED BY THE DIRECTOR OF ENGINEERING, ALONG THE FRONTAGES OF DESIGNATED LOTS, WITH AN OFFSET OF 0.6m FROM BACK OF CURB. THIS SEWER IS TO BE CAPPED AT THE UPSTREAM END AND IS TO OUTLET INTO THE NEAREST CATCHBASIN DOWNSTREAM. DEPTH OF SEWER IS TO BE EQUAL TO SUBDRAIN DEPTH. NOT TO BE DIRECTLY CONNECTED TO FOUNDATION DRAINS.

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LEGEND

BENCHMARK

LEGAL DESCRIPTION
SURVEYOR'S REAL PROPERTY REPORT-PART 1
PLAN OF SURVEY OF PART OF LOTS 5 & 6
REGISTERED PLAN 1192, CITY OF BARRIE, COUNTY OF SIMCOE
BENCHMARK
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO A CITY OF TORONTO BENCHMARK.
STATION# 03120080013
ELEVATION = 284.792m (DATUM: CGVD28:78)

NO.	REVISIONS	DATE	APPROVED
1.	FIRST SUBMISSION	2023/06	CAB
2.	SECOND SUBMISSION	2024/11	JC

CITY OF BARRIE
ACCEPTED

DATE:.....

.....
DIRECTOR OF ENGINEERING

APLIN MARTIN
ENGINEERING ARCHITECTURE PLANNING SURVEYING

Aplin & Martin Consultants Ltd.
#403 - 354 Davis Road, Oakville, ON, Canada L6J 2K2
Tel: (905) 582-0630, Fax: (904) 597-9061, Email: general@aplinmartin.com

CLIENT **KING RICH HOMES GROUP**
4 DAIRY AVENUE, RICHMOND HILL, ON L4E 4X5

PROJECT **ARDAGH ROAD SUBDIVISION**
334 & 340 ARDAGH ROAD, BARRIE, ON

STANDARD NOTES

Barrie
ENGINEERING DEPARTMENT

SCALE HOR. 1:250 VERT. 1:50

DESIGN JC DRAWN MY

REVIEWED CAB DATE DECEMBER 2022

PROJECT NO. 22-7049

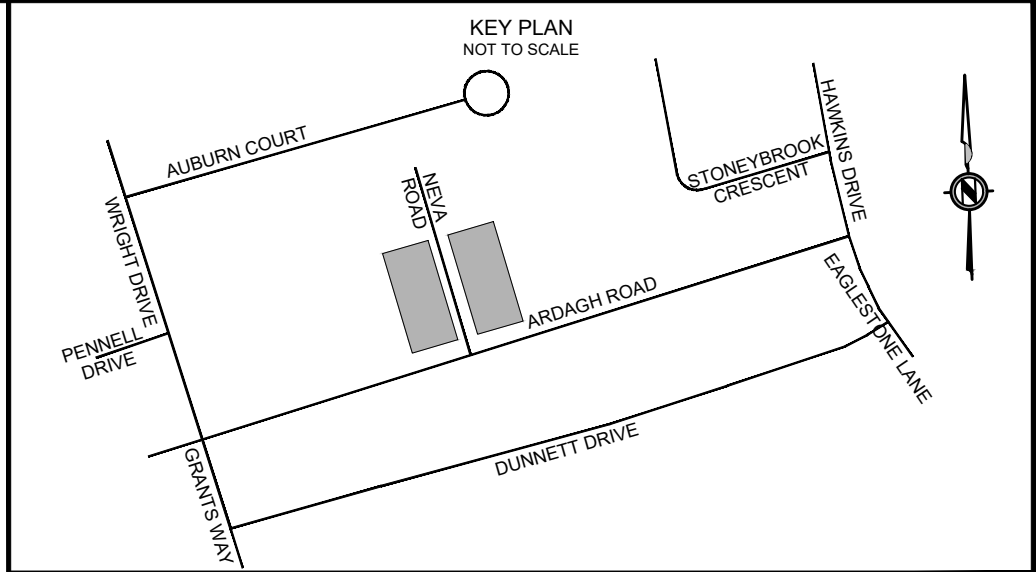
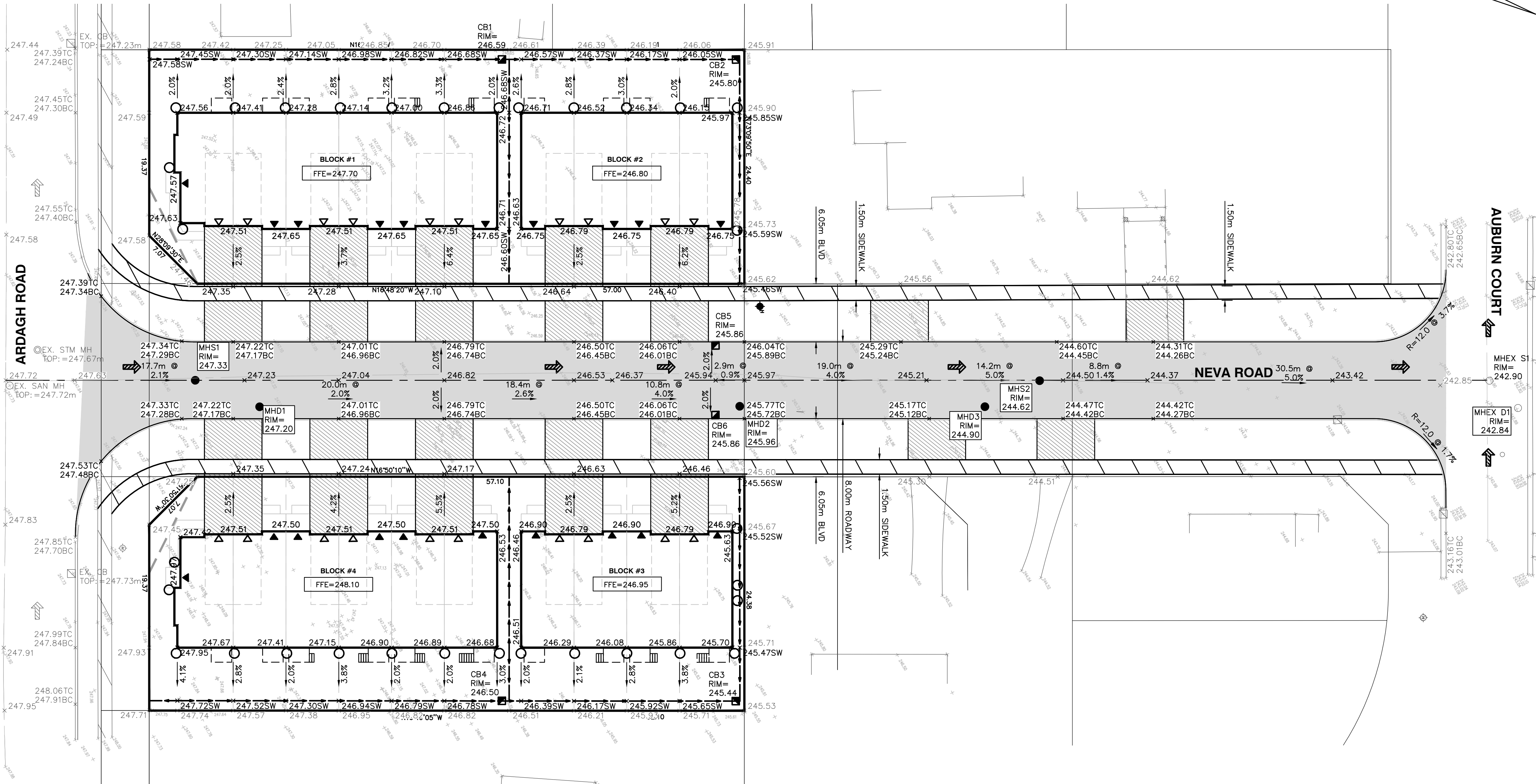
SHEET NO. **C01**

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LEGEND	
PROPERTY LINE	---
PROPOSED PROPERTY LINE	---
PROPOSED BARRIER CURB	---
EXISTING EDGE OF PAVEMENT	---
PROPOSED DRIVEWAY	---
PROPOSED CONCRETE SIDEWALK	---
EXISTING CONCRETE SIDEWALK	---
EXISTING GROUND CONTOUR	---
EXISTING/PROPOSED ELEVATION	×
TOP/BOTTOM OF CURB ELEVATION	×
GRADE	---
LEGAL/LOT DIMENSION	---
PROPOSED SWALE	---
EXISTING/PROPOSED OVERLAND FLOW ROUTE	---
EXISTING/PROPOSED CATCH BASIN	---
EXISTING/PROPOSED MANHOLE	---
EXISTING/PROPOSED FIRE HYDRANT	---
EXISTING HYDRO POLE	---
EXISTING CABLE BOX	---
PROPOSED SWALE ELEVATION	×
BUILDING ENTRANCE	---
OVERHEAD DOOR ENTRANCE	---
FFE - FIRST FLOOR ELEVATION (m)	---

BENCH MARKS			
SURVEYOR'S REAL PROPERTY REPORT-PART 1 PLAN OF SURVEY OF PART OF LOTS 5 & 6 REGISTERED PLAN 1192, CITY OF BARRIE, COUNTY OF SIMCOE			
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO A CITY OF TORONTO BENCHMARK STATION# 03120080013 ELEVATION = 284.792m (DATUM: CGVD28:78)			
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KING RICH HOMES GROUP
4 DAIRY AVENUE, RICHMOND HILL, ON L4E 4X5

ARDAGH ROAD SUBDIVISION
334 & 340 ARDAGH ROAD, BARRIE, ON

SITE GRADING PLAN

SCALE HOR. 1:250	VERT. 1:50	PROJECT NO. 22-7049
DESIGN JC	DRAWN MY	SHEET NO. C02
REVIEWED CAB	DATE DECEMBER 2022	

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.
- WASTEWATER SYSTEMS, STORMWATER SYSTEMS, INCLUDING LOW IMPACT DEVELOPMENT FACILITIES, AND WATER DISTRIBUTION AND TRANSMISSION SYSTEMS TO BE DESIGNED IN ACCORDANCE WITH CITY OF BARRIE ENGINEERING GUIDELINES AND STANDARDS.
- REFER TO THE CITY OF BARRIE ROADWAY ILLUMINATION POLICIES AND DESIGN GUIDELINES AND ASSOCIATED SDS FOR LIGHT STANDARD AND POLE BASE LOCATION AND DEPTH.
- REFER TO TRANSPORTATION DESIGN MANUAL FOR PAVEMENT DESIGN METHODOLOGY.
- TREES TO BE PLACED IN LOCATIONS APPROVED BY THE PARKS, PLANNING AND DEVELOPMENT BRANCH. (SEE BSD-1310)

18.0 m LOCAL ROAD ALLOWANCE - RESIDENTIAL
8.0 m ASPHALT

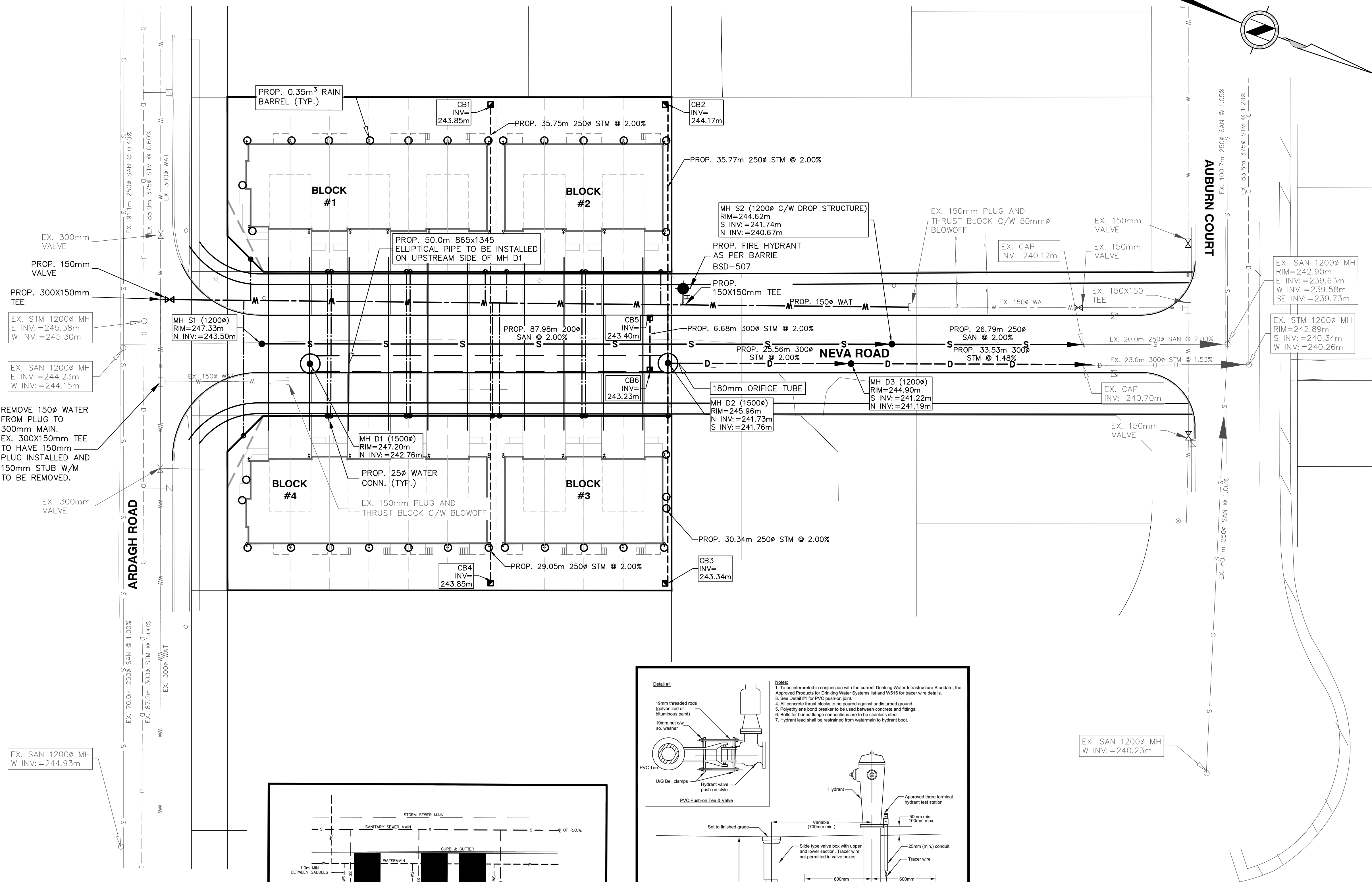
REV No. 1
DATE: OCT 2017
SCALE: N.T.S.
APPROVED
BSD-301
DIRECTOR OF ENGINEERING

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EX. SAN 1200 \varnothing MH
W INV.=244.93m

REMOVE 150 \varnothing WATER
FROM PLUG TO
300mm MAIN.
EX. 300X150mm TEE
TO HAVE 150mm
PLUG INSTALLED AND
150mm STUB W/M
TO BE REMOVED.

EX. STM 1200 \varnothing MH
E INV.=245.38m
W INV.=245.30m

PROP. 150mm
VALVE

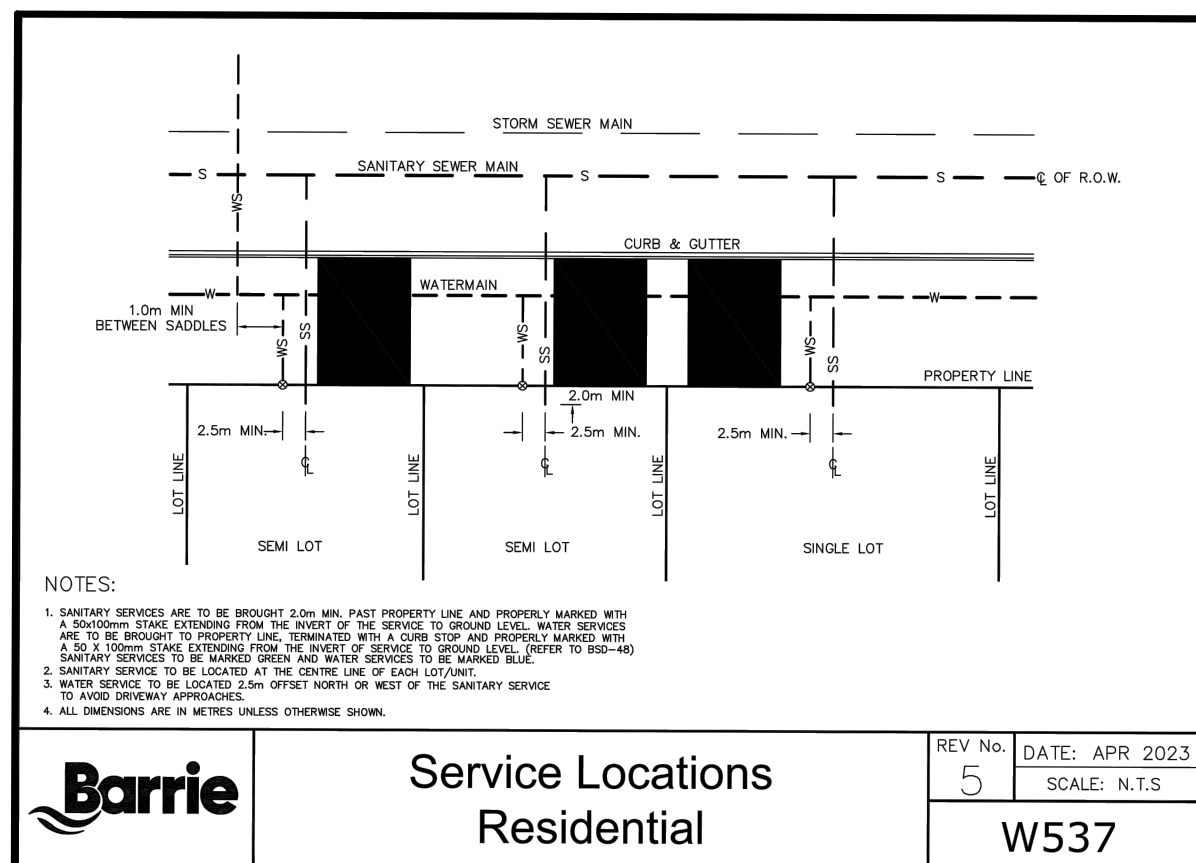
PROP. 300X150mm
TEE

EX. 300mm
VALVE

EX. 91.1m 250 \varnothing SAN @ 0.40%

EX. 85.0m 375 \varnothing STM @ 0.60%

EX. 300 \varnothing WAT



NOTES:

1. SANITARY SERVICES ARE TO BE BROUGHT 5.0m MIN. PAST PROPERTY LINE AND PROPERLY MARKED WITH A 300mm CONCRETE CATCH BASIN OR A 150mm CONCRETE CATCH BASIN.
2. SANITARY SERVICES ARE TO BE BROUGHT TO PROPERTY LINE TERMINATED WITH A CURB STOP AND PROPERLY MARKED WITH A 300mm CONCRETE CATCH BASIN OR A 150mm CONCRETE CATCH BASIN.
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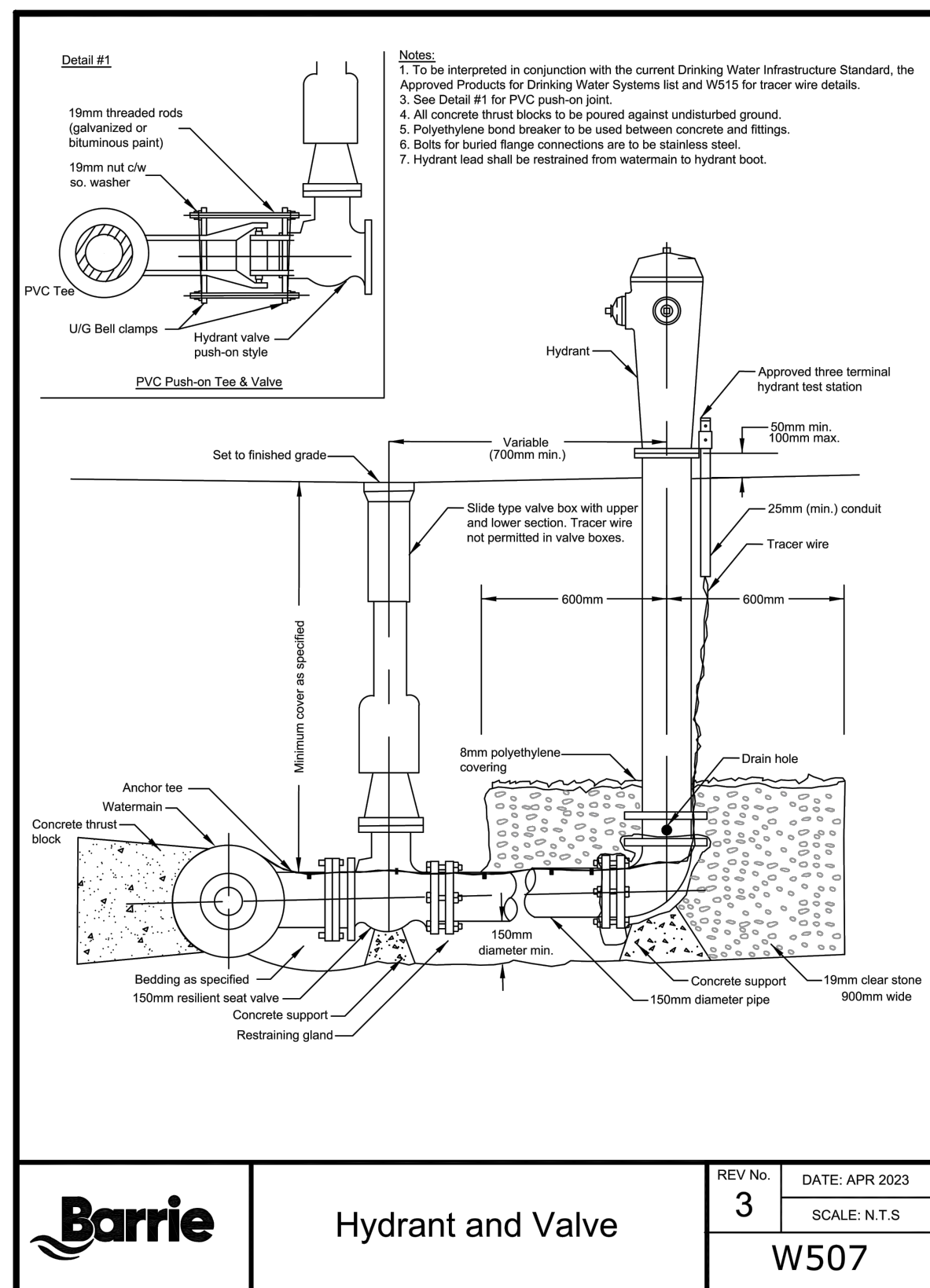
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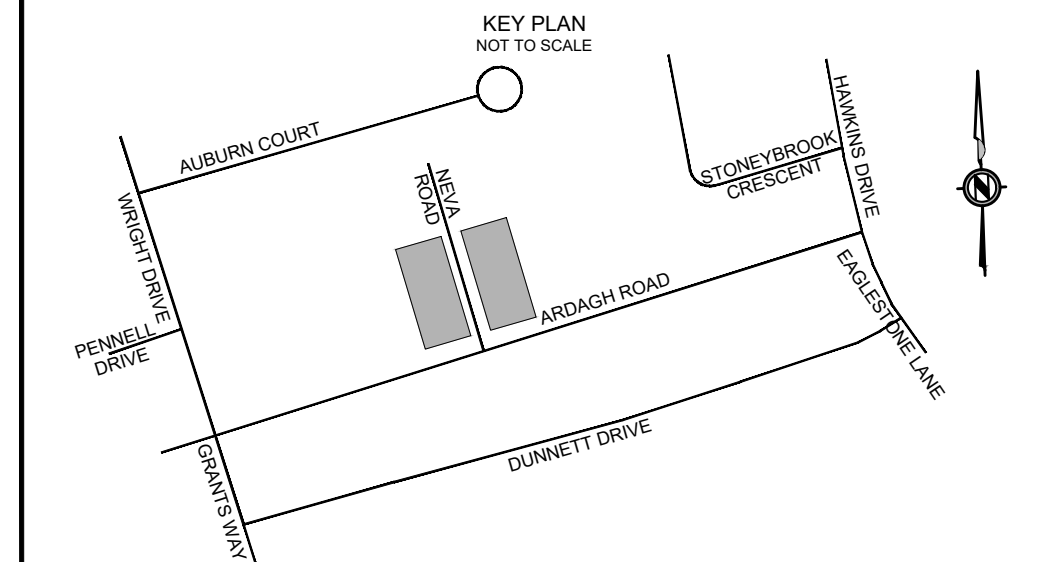
Barrie

Hydrant and Valve

REV. NO. 3
DATE: APR 2023
SCALE: N.T.S.
W507

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LEGEND	
PROPERTY LINE	— S —
EXISTING SANITARY SEWER	— D —
EXISTING STORM SEWER	— W —
EXISTING WATERMAIN	— S —
PROPOSED SANITARY SEWER	— D —
PROPOSED STORM SEWER	— W —
PROPOSED WATERMAIN	— S —
PROPOSED SANITARY SERVICE	— D —
PROPOSED WATER SERVICE	— W —
PROPOSED CATCH BASIN LEAD	— S —
PROPOSED SWALE	— D —
PROPOSED BARRIER CURB	— W —
PROPOSED CONCRETE SIDEWALK	— S —
EXISTING CONCRETE SIDEWALK	— D —
PROPOSED INFILTRATION FILTER	— W —
EXISTING HYDRO POLE	— S —
EXISTING FIRE HYDRANT	— D —
EXISTING/PROPOSED CATCH BASIN	— W —
EXISTING/PROPOSED CATCH BASIN MANHOLE	— S —
EXISTING/PROPOSED MANHOLE	— D —
PROPOSED CURB STOP	— W —
PROPOSED GATE VALVE	— S —
PROPOSED ROOF LEADERS	— D —
EXISTING CABLE BOX	— W —

BENCH MARKS
SURVEYOR'S REAL PROPERTY REPORT—PART 1
PLAN OF SURVEY OF PART OF LOTS 5 & 6
REGISTERED PLAN 1192, CITY OF BARRIE, COUNTY OF SIMCOE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO A CITY OF TORONTO BENCHMARK
STATION# 03120080013
ELEVATION = 284.792m (DATUM: CGVD28:78)

NO.	REVISIONS	DATE	APPROVED
1.	FIRST SUBMISSION	2023/06	CAB
2.	SECOND SUBMISSION	2024/11	JC

JULIAN CESARIO
100525531
2024-11-13
PROVINCE OF ONTARIO

APLIN & MARTIN
ENGINEERING ARCHITECTURE PLANNING SURVEYING

Aplin & Martin Consultants Ltd.
#403 - 354 Davis Road, Oakville, ON, Canada L6J 2K2
Tel: (905) 882-0630, Fax: (905) 897-9061, Email: general@aplinmartin.com

KING RICH HOMES GROUP
4 DAIRY AVENUE, RICHMOND HILL, ON L4E 4X5
ARDAGH ROAD SUBDIVISION
334 & 340 ARDAGH ROAD, BARRIE, ON

SITE SERVING PLAN

Barrie
ENGINEERING DEPARTMENT

SCALE HOR. 1:300 VERT. 1:50
DESIGN JC DRAWN MY
REVIEWED CAB DATE DECEMBER 2022

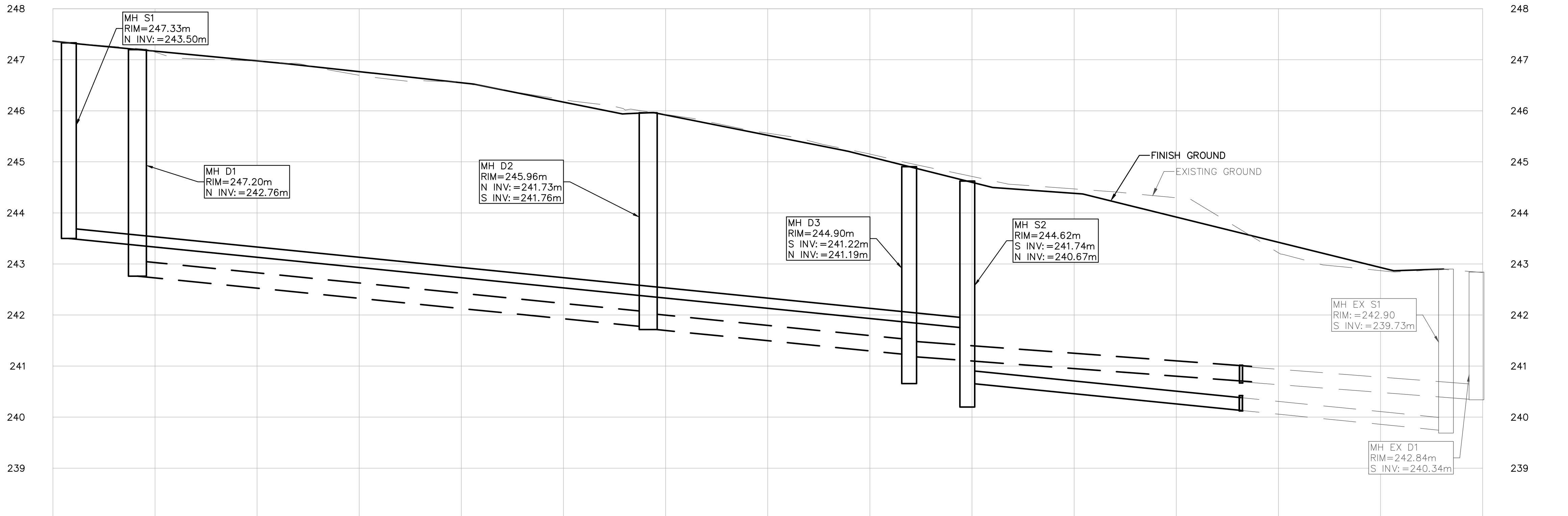
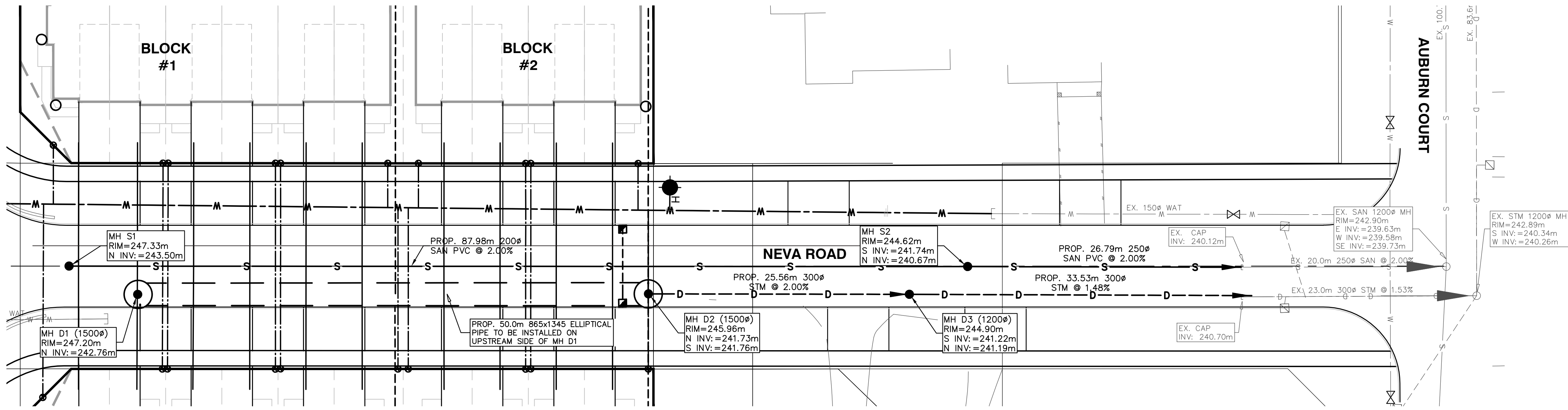
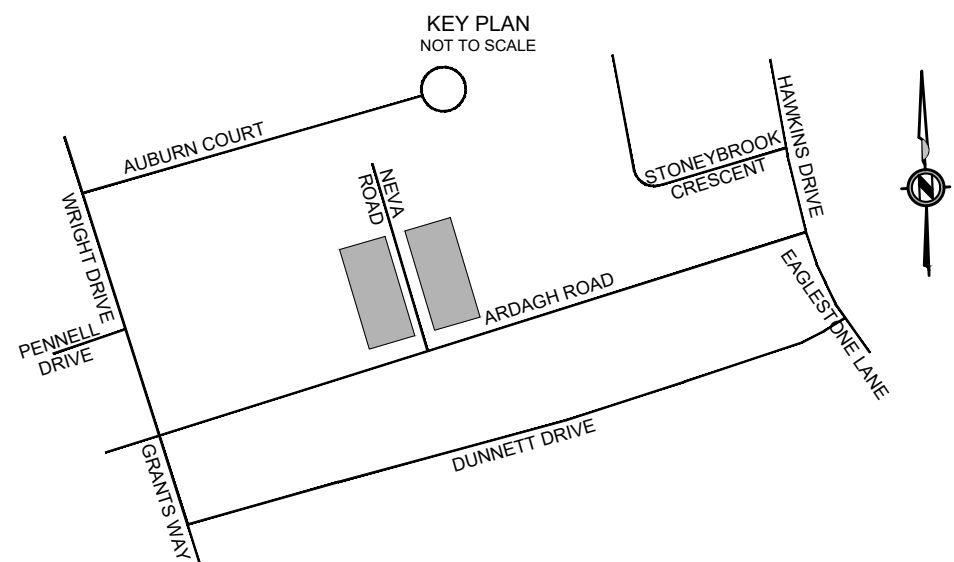
PROJECT NO. 22-7049
SHEET NO. C03

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LEGEND	
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EXISTING WATERMAIN	— S —
PROPOSED SANITARY SEWER	— D —
PROPOSED STORM SEWER	— W —
PROPOSED WATERMAIN	— S —
PROPOSED SANITARY SERVICE	— D —
PROPOSED WATER SERVICE	— W —
PROPOSED CATCH BASIN LEAD	— S —
PROPOSED SWALE	— D —
PROPOSED BARRIER CURB	— W —
PROPOSED CONCRETE SIDEWALK	— S —
EXISTING CONCRETE SIDEWALK	— D —
EXISTING HYDRO POLE	— W —
EXISTING FIRE HYDRANT	— S —
EXISTING/PROPOSED CATCH BASIN	— D —
EXISTING/PROPOSED CATCH BASIN MANHOLE	— W —
EXISTING/PROPOSED MANHOLE	— S —
PROPOSED CURB STOP	— D —
PROPOSED GATE VALVE	— W —

BENCH MARKS			
LEGAL DESCRIPTION			
SURVEYOR'S REAL PROPERTY REPORT—PART 1			
PLAN OF SURVEY OF PART OF LOTS 5 & 6			
REGISTERED PLAN 1192, CITY OF BARRIE, COUNTY OF SIMCOE			
BENCHMARK			
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ELEVATION = 284.792m (DATUM: CGVD28:78)			
NO.	REVISIONS	DATE	APPROVED
1.	FIRST SUBMISSION	2023/06	CAB
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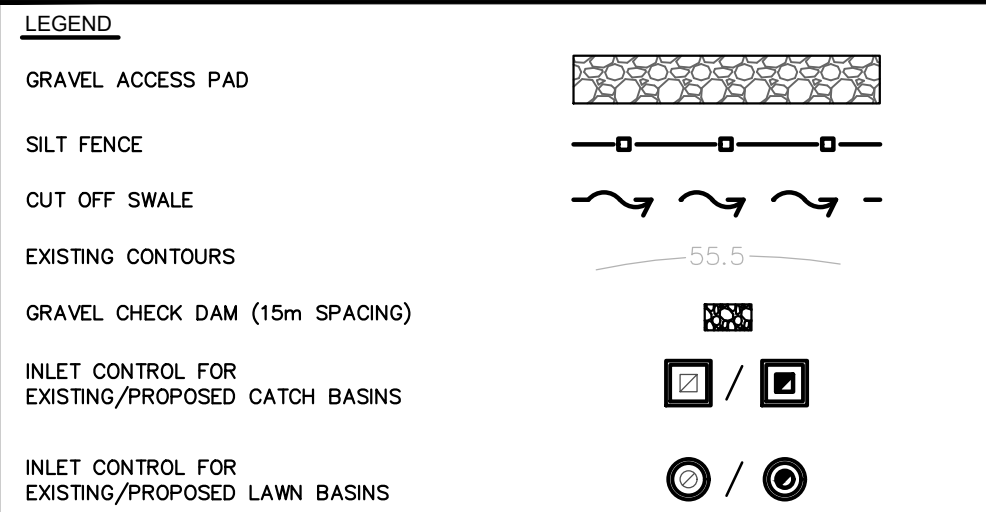
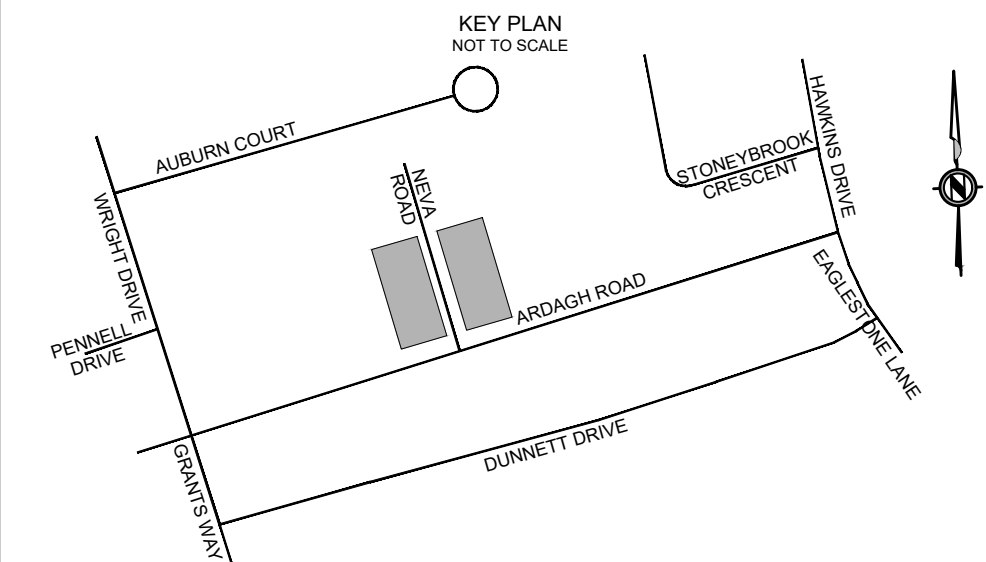
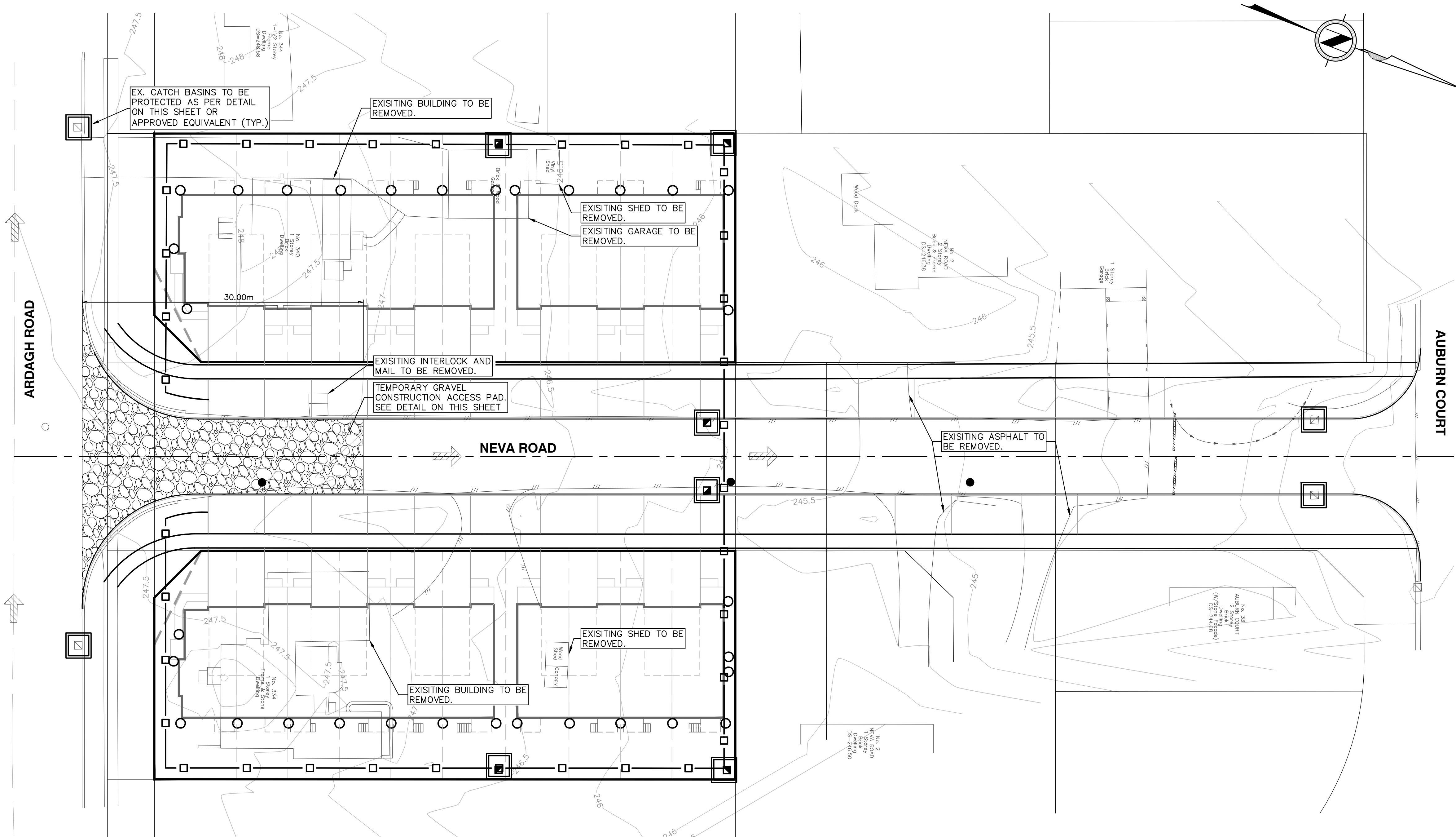
CLIENT **KING RICH HOMES GROUP**
4 DAIRY AVENUE, RICHMOND HILL, ON L4E 4X5

PROJECT **ARDAGH ROAD SUBDIVISION**
334 & 340 ARDAGH ROAD, BARRIE, ON

SERVICE CONNECTION PROFILES

SCALE HOR. 1:250	VERT. 1:50	PROJECT NO. 22-7049
DESIGN JC	DRAWN MY	SHEET NO. C04
REVIEWED CAB	DATE DECEMBER 2022	

11/15/2023 7:01 PM: J. CESARIO 22-7049 - C04 - SERVICE CONNECTION PROFILES.DWG



BENCH MARKS

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#403 - 354 Davis Road, Oakville, ON, Canada L6J 2K2
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KING RICH HOMES GROUP
4 DAIRY AVENUE, RICHMOND HILL, ON L4E 4X5

ARDAGH ROAD SUBDIVISION
334 & 340 ARDAGH ROAD, BARRIE, ON

EROSION AND SEDIMENT CONTROL PLAN

Barrie
ENGINEERING DEPARTMENT

SCALE HOR.	1:250	VERT.	1:50	PROJECT NO.	22-7049
DESIGN	JC	DRAWN	MY	SHEET NO.	C05
REVIEWED	CAB	DATE	DECEMBER 2022		

FLEXSTORM CATCH-IT FILTERS FOR TEMPORARY INLET PROTECTION

NOTES:

- ALL FRAMING IS CONSTRUCTED OF CORROSION RESISTANT STEEL (ZINC PLATED OR GALVANIZED) FOR 7 YEAR MINIMUM SERVICE LIFE.
- UPON ORDERING CONFIRMATION OF THE DOT CALLOUT, PRECAST OR CASTING MAKE AND MODEL, OR DETAILED DIMENSIONAL FORMS MUST BE PROVIDED TO CONFIGURE AND ASSEMBLE YOUR CUSTOMIZED FLEXSTORM INLET FILTER. PART NUMBER ALONE IS NOT SUFFICIENT.
- FOR WRITTEN SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT WWW.INLETFILTERS.COM

INSTALLATION:

- REMOVE GRATE
- DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
- REPLACE GRATE

SEDIMENT CONTROL AT CATCH BASINS/AREA DRAINS
N.T.S.

Construction Entrance

Barrie

D710

REV No. 2 DATE: APR 2023 SCALE: N.T.S.

FENCE SILTATION CONTROL

Barrie

P1233

REV No. 3 DATE: APR 2023 SCALE: N.T.S.

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