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NO.	ISSUES	DATE	BY
1	ISSUED FOR PERMIT	JAN. 06 2025	BBA
2	ISSUED FOR TENDER	MAR. 27 2025	BBA
3	REQUEST FOR PROPOSAL	JUNE 19 2025	BBA

NO.	REVISIONS	DATE	BY

PROJECT:
GYMNASIUM RENOVATIONS
ÉCOLE SECONDAIRE
NORVAL-MORRISSEAU
 51 WRIGHT STREET
 RICHMOND HILL, ONTARIO

CONSEIL SCOLAIR VIAMONDE

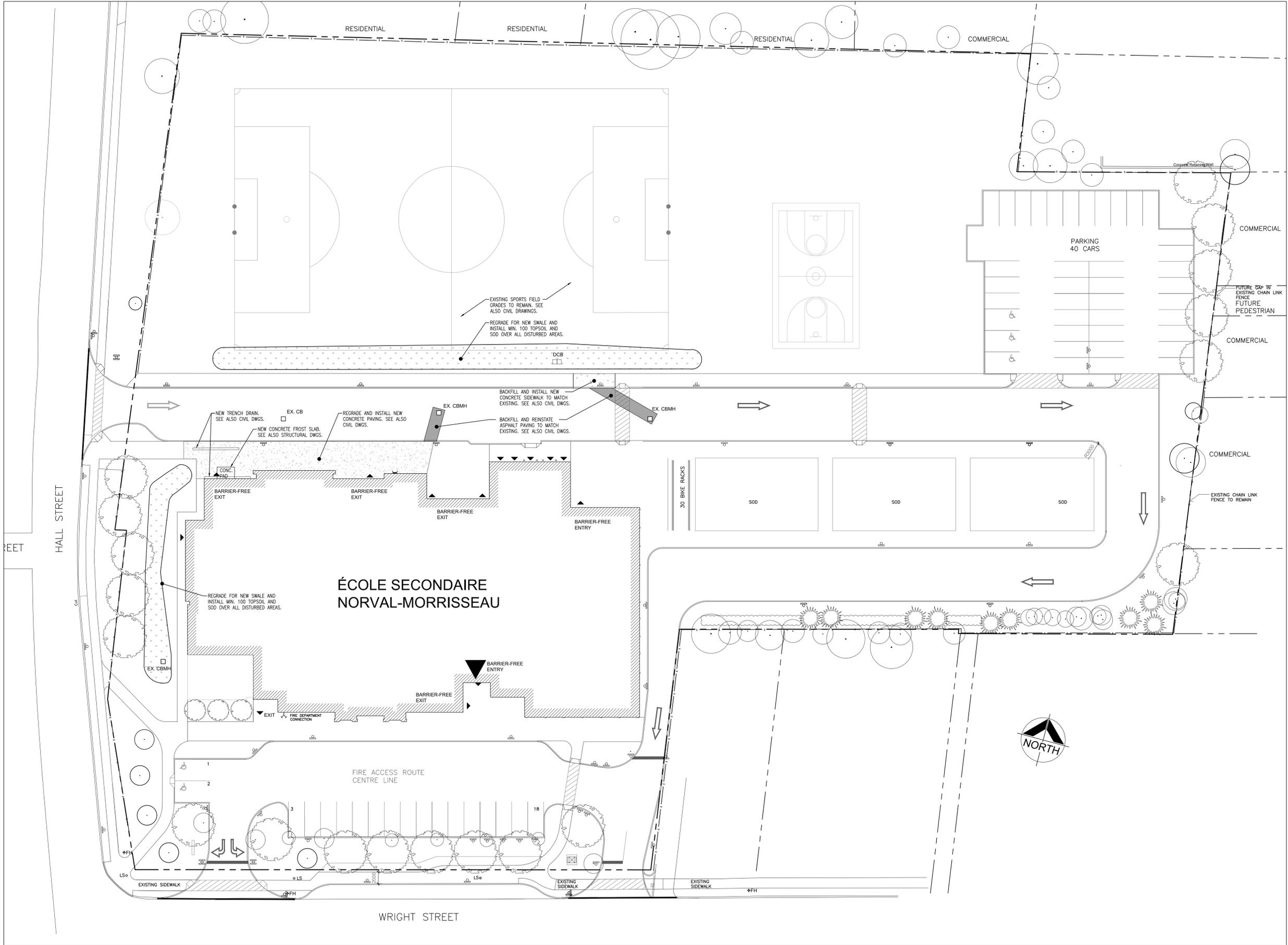
DRAWING:
SITE DEMOLITION PLAN



BARRY BRYAN ASSOCIATES
 Architects
 Engineers
 Project Managers
 250 Water Street
 Suite 201
 Whitby, Ontario
 L1N 0G5
 Tel: (905) 866-5252
 Fax: (905) 866-5258
 e-mail: bba@bba-archeng.com

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DATE: DEC. 2024	SCALE: AS NOTED
FILE:	

PROJECT NO: **23034**
 DRAWING NO: **A101**



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PROJECT:
GYMNASIUM RENOVATIONS
ÉCOLE SECONDAIRE
NORVAL-MORRISSEAU
 51 WRIGHT STREET
 RICHMOND HILL, ONTARIO
 CONSEIL SCOLAIR VIAMONDE

DRAWING:
SITE PLAN



BARRY BRYAN ASSOCIATES
 Architects
 Engineers
 Project Managers
 250 Water Street
 Suite 201
 Whitby, Ontario
 L1N 0G5
 Tel: (905) 866-5252
 Fax: (905) 866-5258
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PROJECT NO: **23034**
 DRAWING NO: **A102**

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5	ISSUED FOR PERMIT	JUNE 12, 2024	BBA
6	REISSUED FOR PERMIT	JAN. 06, 2025	BBA
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 51 WRIGHT STREET
 RICHMOND HILL, ONTARIO

CONSEIL SCOLAIR VIAMONDE

DRAWING:
FIRST FLOOR KEY PLAN

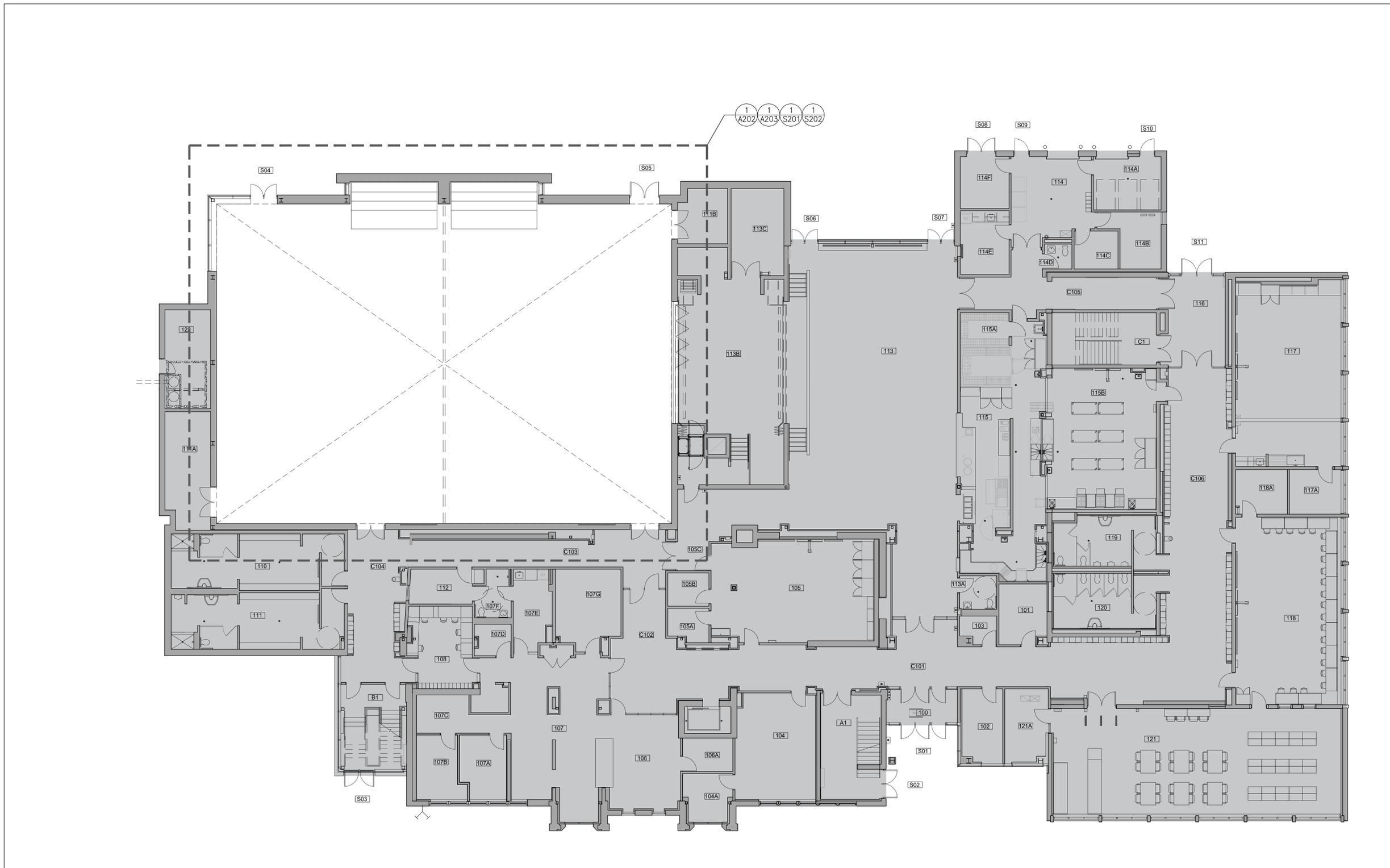


**BARRY BRYAN
 ASSOCIATES**
 Architects
 Engineers
 Project Managers
 250 Water Street
 Suite 201
 Whitby, Ontario
 L1N 0G5
 Tel: (905) 866-6252
 Fax: (905) 866-6258
 e-mail: bba@bba-archeng.com

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PROJECT NO:
23034

DRAWING NO:
A201



1
A201
 FIRST FLOOR KEY PLAN
 1:125

GENERAL

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF ALL RELEVANT CODES AND STANDARDS.
2. CONFORM TO OWNER'S GENERAL SPECIFICATIONS INCLUDING ALL SAFETY REQUIREMENTS.
3. SITE VERIFY ALL DIMENSIONS AND LEVELS.
4. KEEP THE SITE THROUGHOUT THE WORK AREA IN A CLEAN AND ORDERLY CONDITION AT ALL TIMES TO THE SATISFACTION OF THE OWNER.
5. THE LATEST EDITION OF ALL CODES AND STANDARDS SHALL BE USED.
6. ALL STRUCTURAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH OTHER CONSULTANTS DRAWINGS.
7. GEOTECHNICAL ENGINEER TO BE CONTACTED TO REVIEW AND VERIFY EXISTING CONDITIONS OF SOIL ONCE GYMNASIUM SLAB IS REMOVED.

CONCRETE

1. CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF CAN/CSA-A23.1 AND CAN/CSA-A23.3 WITH THE FOLLOWING PROVISION:

LOCATION	DESIGN STRENGTH (28 DAYS)	SLUMP	EXPOSURE CLASS
SLAB ON GRADE	25 MPa	80± 30	N
ALL EXTERIOR REINFORCED CONCRETE (STAIRS & RETAINING WALLS)	35 MPa U.N.O.	80± 30	C-1
EXTERIOR UN-REINFORCED CONCRETE (CURBS & CONCRETE WALKWAYS)	32 MPa U.N.O.	80± 30	C-2
EXTERIOR FOOTINGS/FOUNDATION WALLS AND PIERS	25 MPa	80± 30	F-2

2. NO ADDITIONAL WATER SHALL BE ADDED AT THE JOB SITE. CONCRETE WHICH HAS BEEN WATERED OR DOES NOT MEET SPECIFICATIONS SHALL BE REJECTED.
3. DURING WINTER WEATHER BELOW 5°C PROVIDE TEMPORARY HEATING OF CONCRETE IN ACCORDANCE WITH THE REQUIREMENTS OF CSA A23.1, LATEST EDITION.
4. STRUCTURAL GROUT SHALL BE NON-SHRINK, NON-METALLIC M-BED STANDARD PREMIX BY Sika OR APPROVED EQUAL.
5. WHEN PIPES, CONDUITS, OR SLEEVES ARE REQUIRED TO PENETRATE CONCRETE ASSEMBLIES, THE FOLLOWING SHALL BE OBSERVED:
 - SPACING OF SUCH ITEMS SHALL BE 3x DIAMETER C/C
 - CONCRETE SHALL NOT BE PENETRATED WITHIN 600mm OF CONCENTRATED LOADS.
 - ANY PENETRATIONS SHALL BE A MINIMUM OF 600mm FROM ALL EDGES, SUCH AS ENDS AND TOPS OF WALLS.
 - FOR ANY PENETRATIONS GREATER THAN 300mm, CONSULT THE ENGINEER FOR REVIEW AND DETERMINATION OF EXTRA REINFORCEMENT REQUIREMENTS.

CONCRETE REINFORCEMENT

1. THE CLEAR DISTANCE BETWEEN REINFORCING STEEL AND SURFACE OF CONCRETE SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE.

LOCATION	CLEAR COVER
SLABS	MID-SLAB

2. DETAIL REINFORCING STEEL IN ACCORDANCE WITH "REINFORCING STEEL MANUAL OF STANDARD PRACTICE" LATEST EDITION.
3. REINFORCING BAR SPLICES FOR DEFORMED BARS SHALL BE CLASS 'B' TENSION LAP U.N.O.
4. ALL REINFORCING STEEL SHALL BE DEFORMED HARD GRADE BILLET STEEL CONFORMING TO CSA G30.18 GRADE 400.
5. ALL CONCRETE REINFORCEMENT MUST BE PROPERLY CHAIRED WITH APPROVED BAR SUPPORTS. MANUAL "LIFTING" OF REINFORCEMENT WILL NOT BE ACCEPTED.
6. PROVIDE CHAIRS, SPACER BARS, SUPPORT BARS AND OTHER ACCESSORIES TO SUPPORT REINFORCING IN ACCORDANCE WITH THE LATEST EDITIONS OF CSA A23.1 AND CSA A23.3 CHAIRS TO BE PLASTIC, PLASTIC TIPPED OR CONCRETE. ALL THE WIRE, CHAIRS AND BAR SUPPORTS USED FOR COATED REINFORCING SHALL BE NON-METALLIC OR PROTECTED WITH ACCEPTABLE COATING.
7. CHAIRS SHALL BE SPACED AT 1200mm O.C. MAXIMUM.

SLAB ON GRADE

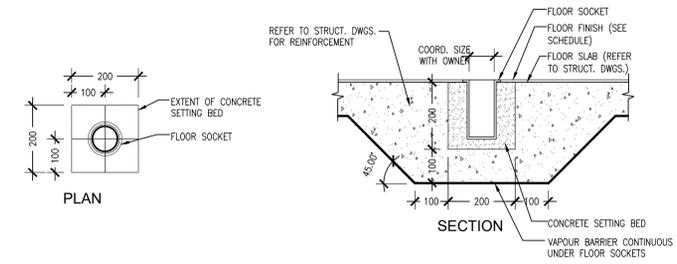
1. CAST SLAB ON GRADE ON MIN. 150mm COMPACTED GRANULAR 'A' FILL.
2. COMPACTED SUB-GRADE SHALL BE GRANULAR 'B'.
3. SAWCUT SLAB WITHIN 6 TO 18 HOURS. REFER TO TYPICAL DETAILS FOR OTHER REQUIREMENTS.
4. MAINTAIN MINIMUM SPECIFIED THICKNESS AT ALL DEPRESSIONS AND CHANGES IN ELEVATION.
5. SLAB REINFORCEMENT SHALL BE PROPERLY CHAIRED. MANUAL "LIFTING" OF REINFORCEMENT WILL NOT BE ACCEPTED.

TEMPORARY WORKS

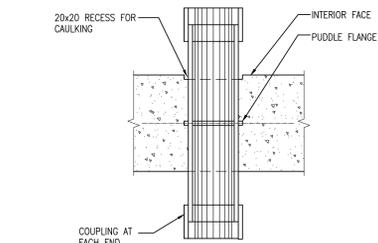
1. THE CONTRACTOR SHALL DESIGN, PROVIDE, ERECT, MAINTAIN REMOVE AND ASSUME FULL AND SOLE RESPONSIBILITY FOR ALL TEMPORARY WORKS REQUIRED FOR THE SAFE AND COMPLETE EXECUTION OF THE WORKS.
2. IN THE EXECUTION OF THE TEMPORARY WORKS AND FOR THE DURATION OF THE CONTRACT, THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR ALL LIKELY CONSTRUCTION LOADING AND PROVIDE SUFFICIENT BRACING AND PROPS TO KEEP THE WORKS IN PLUMB AND ALIGNMENT AND FREE FROM EXCESSIVE DEFLECTION.
3. ACCESS OF HEAVY CONSTRUCTION EQUIPMENT AND ACCUMULATION OF CONSTRUCTION MATERIALS ON THE FLOORS ARE NOT PERMITTED, UNLESS SUCH HAVE BEEN CATERED FOR IN THE CONTRACTOR'S TEMPORARY WORK DESIGN TO THE SATISFACTION OF THE ARCHITECT.
4. SUBMIT SHOP DRAWINGS FOR ALL TEMPORARY WORKS FOR REVIEW BEFORE FABRICATION COMMENCES. SHOP DRAWINGS SHALL BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO.

CONCRETE FOUNDATION WALL SCHEDULE			
MARK	WIDTH	VERT. REINF.	HORIZ. REINF.
W1	200	15M @ 400	15M @ 400

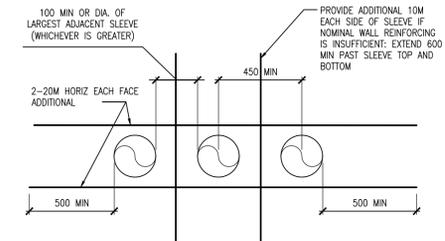
CONCRETE WALL FOOTING SCHEDULE			
MARK	WIDTH	DEPTH	REINFORCING
WF1	400	200	2-15M CONT.



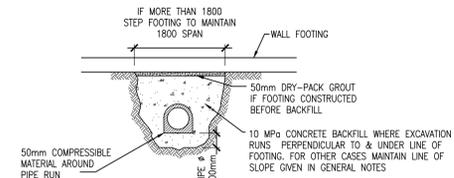
4 S101 TYPICAL FLOOR SOCKET DETAIL
N.T.S.



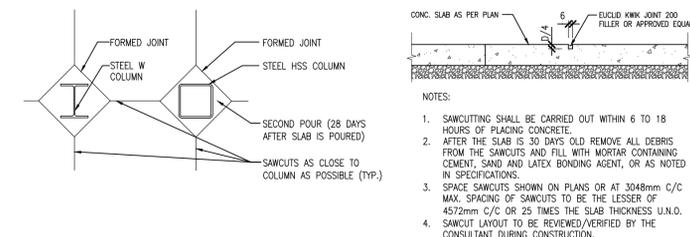
4 S201 TYPICAL SLEEVES THROUGH CONCRETE WALLS DETAIL
S101



2 S201 TYPICAL BACKFILL UNDER CONT. WALL FOOTING DETAIL
S101



1 S101 TYPICAL SLAB SAWCUT DETAIL
N.T.S.



- NOTES:
1. SAWCUTTING SHALL BE CARRIED OUT WITHIN 6 TO 18 HOURS OF PLACING CONCRETE.
 2. AFTER THE SLAB IS 30 DAYS OLD REMOVE ALL DEBRIS FROM THE SAWCUTS AND FILL WITH MORTAR CONTAINING CEMENT, SAND AND LATEX BONDING AGENT, OR AS NOTED IN SPECIFICATIONS.
 3. SPACE SAWCUTS SHOWN ON PLANS OR AT 3048mm C/C MAX. SPACING OF SAWCUTS TO BE THE LESSER OF 4572mm C/C OR 25 TIMES THE SLAB THICKNESS U.N.O.
 4. SAWCUT LAYOUT TO BE REVIEWED/VERIFIED BY THE CONSULTANT DURING CONSTRUCTION.

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NORVAL-MORRISSEAU**
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RICHMOND HILL, ONTARIO

CONSEIL SCOLAIR VIAMONDE

DRAWING:
**NOTES & TYPICAL
DETAILS**



**BARRY BRYAN
ASSOCIATES**

Architects
Engineers
Project Managers

250 Water Street
Suite 201
Whitby, Ontario
L1N 0G5
Tel: (905) 666-5252
Fax: (905) 666-5250
e-mail: bba@bba-archeng.com

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RICHMOND HILL, ONTARIO
CONSEIL SCOLAIRE VIAMONDE

DRAWING:
**PART SUB-DRAIN PLAN
AND SECTIONS**



BARRY BRYAN ASSOCIATES
Architects
Engineers
Project Managers

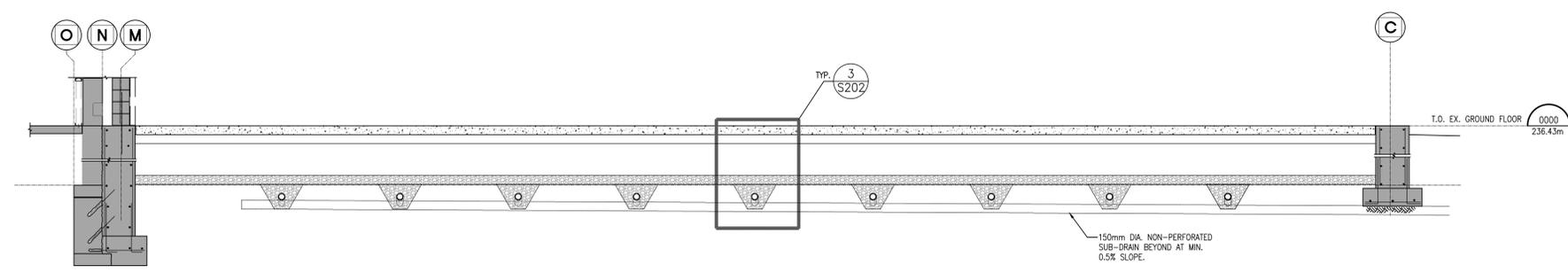
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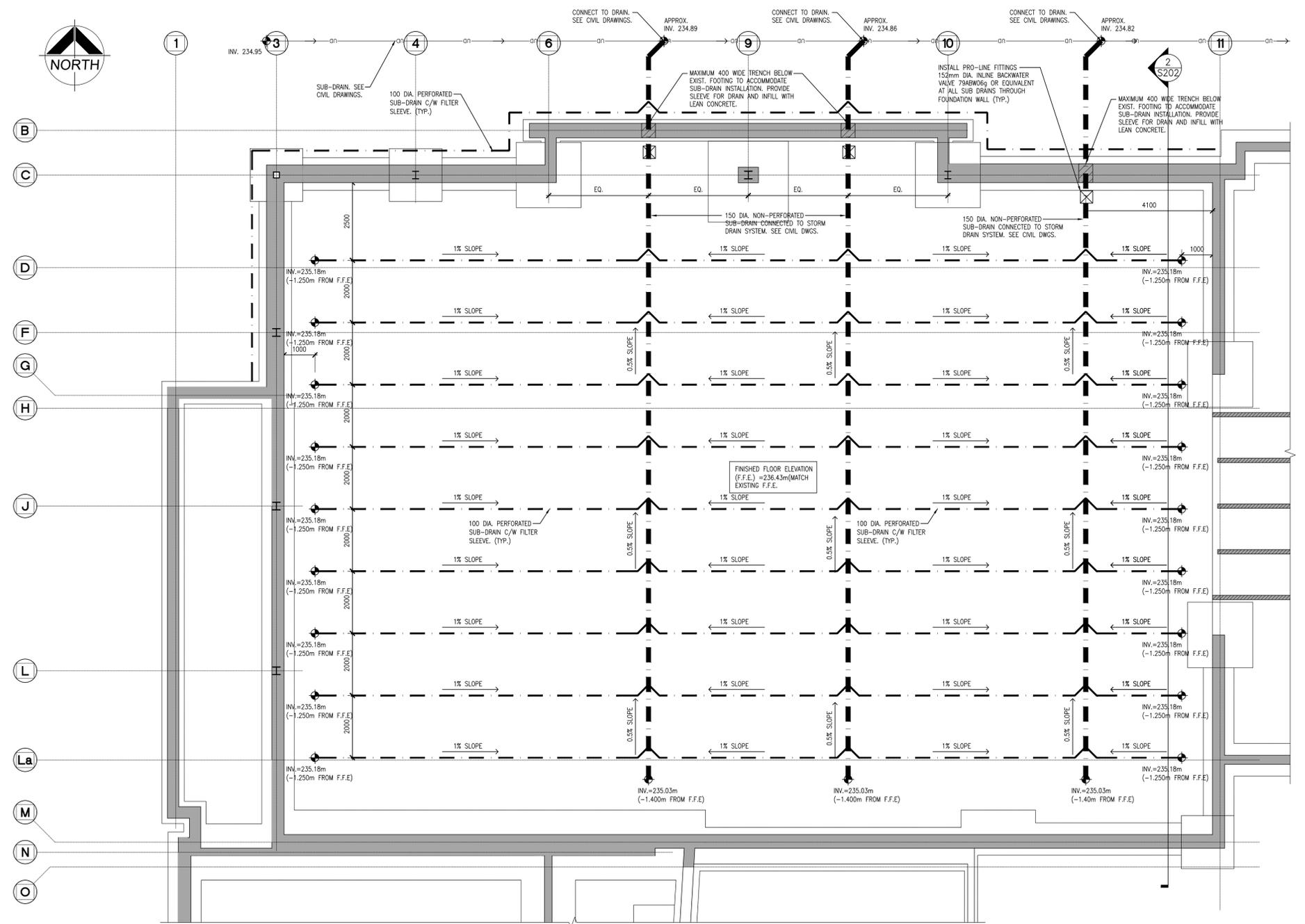
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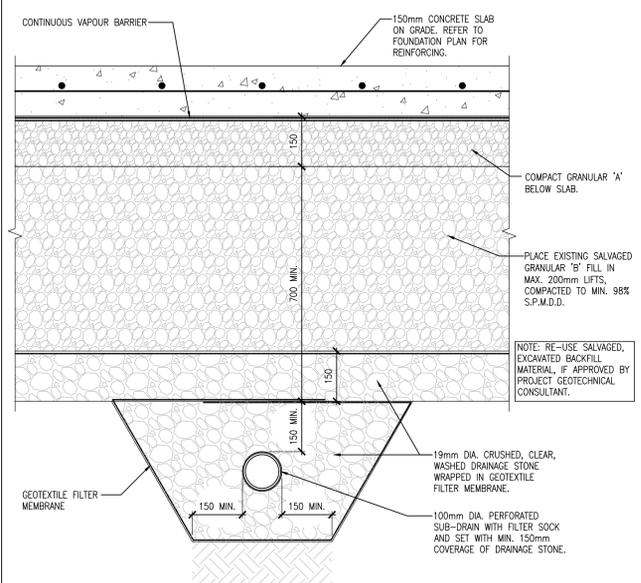
DRAWING NO:
S202



2 SUB-DRAIN SECTION
1:50



1 PART SUB-DRAIN PLAN
1:75



NOTES:
1. COMPLY WITH ONTARIO BUILDING CODE, PART 7-PLUMBING.
2. PERFORATED AND NON-PERFORATED PLASTIC PIPE AND FITTINGS TO CAN/CSA-B182.1.

3 SUB-DRAIN SECTION
1:10

