LEGEND

- EXISTING WATERMAIN
- REMOVAL ITEM
- REMOVAL ITEM
- TOP SOIL STRIPPING / TRENCH REMOVAL
- FULL DEPTH ASPHALT REMOVAL
- MILLING PER DETAIL 3/C3
- PORTABLES TO BE RELOCATED BY OCDSB
- FULL DEPTH GRAVEL REMOVAL

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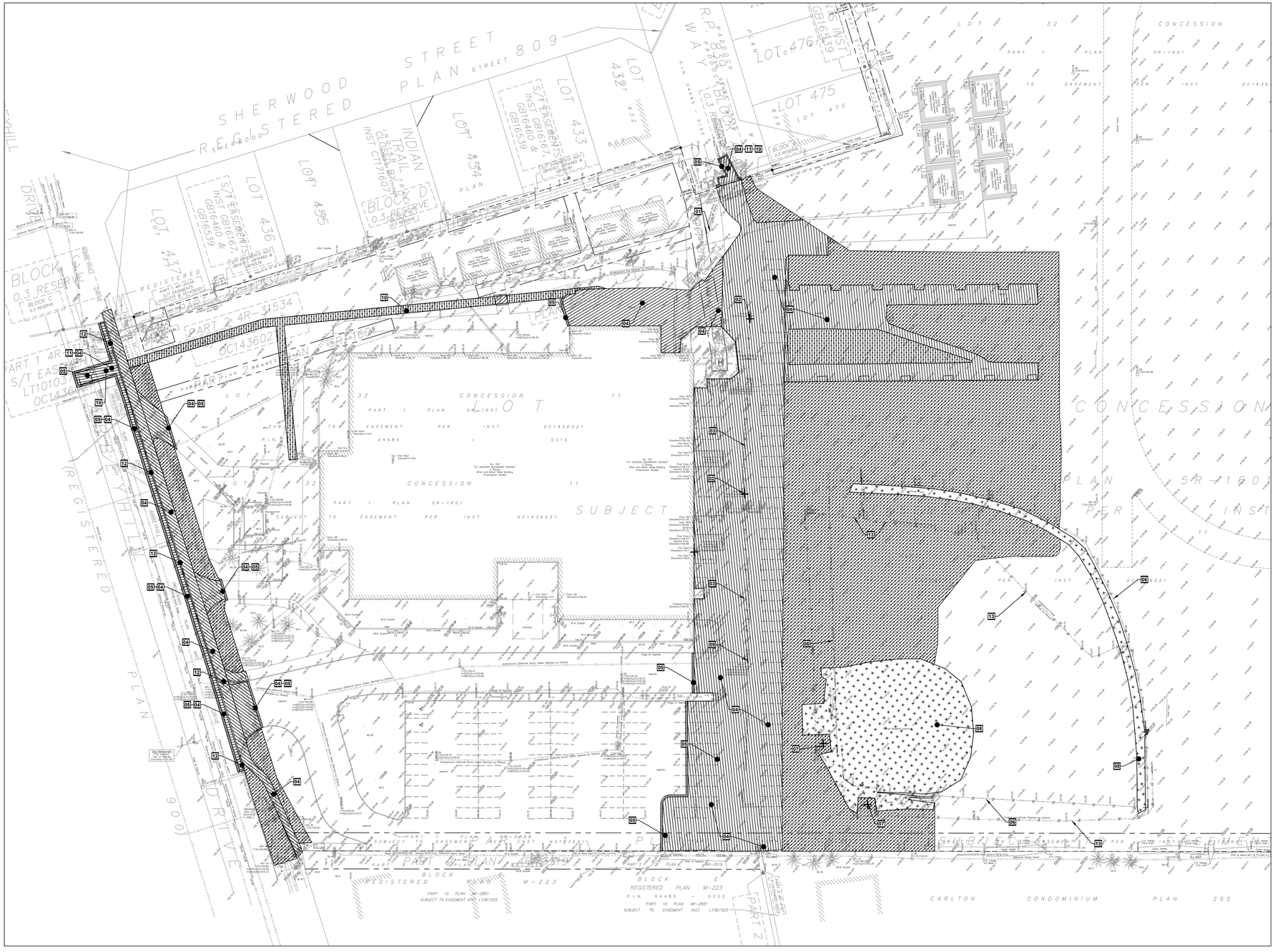
DRAWING NOTES

- 01 EXISTING 100mm WATER SERVICE TO REMAIN
- 02 EXISTING CATCH BASIN TO BE REMOVED
- 03 EXISTING STORM SEWER TO BE REMOVED
- 04 FULL DEPTH ASPHALT REMOVAL
- 05 SAW CUT INTO EXISTING ASPHALT AS PER DETAIL 3/C3. MATCH EXISTING PAVEMENT AND GRANULAR STRUCTURE
- 06 EXISTING FENCE SURROUNDING EXISTING BASEBALL DIAMOND TO BE REMOVED
- 07 EXISTING BLEACHER TO BE REMOVED
- 08 EXISTING GRANULAR/GRAVEL SURFACE WITHIN EXISTING BASEBALL DIAMOND TO BE REMOVED
- 09 PARGE REMOVED STORM SEWER PIPE AT MANHOLE. PROVIDE WATER TIGHT CONNECTION
- 10 CONTRACTOR TO PROVIDE TRENCH BOX FOR SERVICE TRENCHING EXCAVATION
- 11 ROAD CUT TO FACILITATE NEW SERVICES AS PER CITY OF OTTAWA STANDARD DETAIL R10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR A ROAD CUT PERMIT FROM THE CITY OF OTTAWA
- 12 REMOVE EXISTING CURB ADJACENT TO EXISTING ASPHALT PATHWAY TO FACILITATE REPLACEMENT WITH NEW MONOLITHIC CONCRETE SIDEWALK AND CURB
- 13 EXISTING UNDERGROUND POWER TO BE REMOVED. REFER TO ELECTRICAL



JEFF MCEWEN
MANAGER, DEVELOPMENT REVIEW
PLANNING DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

APPROVED
By mcewenje at 1:59 pm, Aug 26, 2025

CLIENT LOGO

OTTAWA-CARLETON DISTRICT SCHOOL BOARD

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2	2024-12-17	ZB/AS	ISSUED FOR BUILDING PERMIT
1	2024-11-21	ZB/AS	ISSUED FOR PHASE 3 PRECONSULT

STAMP

STAMP

PROJECT

AY JACKSON SECONDARY SCHOOL ADDITION

150 ABBEYHILL DRIVE,
KANATA ON,
K2L 1H7

DRAWING

REMOVALS PLAN

Jp2g Consultants Inc.
ENGINEERS · PLANNERS · PROJECT MANAGERS

12 INTERNATIONAL DR.
PEMBROKE, ON, K8A 6W5
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T: 613-626-0780
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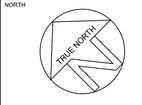
Jp2g PROJECT No.: 24-5053A

NORTH



CLIENT No.:
DRAFTED: ZB
DESIGNED: ZB
REVIEWED: AS
APPROVED: AS

SCALE
1:500
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SHEET #
R1

D07-12-25-0062

PLAN #19318

DWG NAME: J:\ACAD\2024\24-5053A - O:\AHC\ - AY JACKSON ADDITION\05\DRAWINGS\ (ONGOING)\24-5053A AY JACKSON ISSUED FOR SITE PLAN CONTROL R2 JULY 31 2025.DWG LAYOUT: R1 REMOVALS PLAN SAVED ON 2025-07-30

LEGEND

- PROPERTY LINE
- EXISTING WATERMAIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING FORCEMAIN
- EXISTING FIRE HYDRANT
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- NEW BUILDING
- NEW FOUNDATION DRAIN
- NEW WATERMAIN
- NEW FIRE HYDRANT
- NEW WATER VALVE
- NEW SANITARY SEWER
- NEW SANITARY MANHOLE
- NEW STORM SEWER
- NEW STORM MANHOLE
- NEW CATCH BASIN
- NEW INLET CONTROL DEVICE
- NEW ROOF DRAIN
- NEW SCUPPER AT 150mm ABOVE ROOF DRAIN LEVEL
- NEW CONCRETE SIDEWALK
- NEW HEAVY DUTY ASPHALT
- NEW LIGHT DUTY ASPHALT
- NEW GRASS
- INSULATION PER CITY OF OTTAWA W22
- TOP OF BANK
- LIMIT OF FILL
- DEPRESSED CURB
- CONCRETE BARRIER CURB
- NEW TREE, REFER TO LANDSCAPE
- NEW TWSI
- NEW SIAMESE CONNECTION
- SERVICE CROSSING ID, REFER TO DRAWING C3
- WATER PROFILE ID, REFER TO DRAWING C3
- BUILDING ENTRY

DRAWING NOTES

01 SUPPLY AND INSTALL NEW 150mm Ø PVC DR18 WATER MAIN SERVICE, MINIMUM 2.4m COVER, OTHERWISE PROVIDE HL40 THERMAL INSULATION IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL DRAWING W22. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A WATER PERMIT FROM THE CITY OF OTTAWA FOR INSPECTION, DISINFECTION (CHLORINATION) AND TESTING. COORDINATE NEW WATER SERVICE CONNECTION WITH MECHANICAL PLANS.THRUST BLOCKS SHALL BE AS PER OPSD 1103.010 & 1103.020. COST OF WATER PERMIT TO BE PAID FOR THROUGH CASH ALLOWANCE.

02 INSTALLATION OF NEW SERVICE CONNECTION TEE 300mmX150mm Ø PVC TO EXISTING MUNICIPAL WATERMAIN TO BE COMPLETED BY CITY OF OTTAWA FORCES. EXCAVATION, BACKFILL AND RE-INSTATEMENT BY CONTRACTOR.

03 BREAK IN AND CONNECT TO EXISTING SANITARY MANHOLE WITH NEW 200mm PIPE, INVERT CONNECTION TO BE PROVIDED AT 103.90. PROVIDE WATERTIGHT CONNECTION. EXISTING SANITARY MANHOLE INVERT AT 103.73. CONTRACTOR TO CONFIRM MUNICIPAL SANITARY SEWER INVERTS PRIOR TO CONSTRUCTION. CONNECTIONS SHALL BE MADE WITH CORE DRILLING.

04 INSTALL FOUR WAY 3.0m LONG 150mm Ø PERFORATED SUBDRAIN WRAPPED IN GEOTEXTILE SOCK EXTENDING FROM CB/CBMH AT PAVEMENT SUBGRADE LEVEL. PROVIDE WATERTIGHT CONNECTION. (TYPICAL)

05 SUPPLY AND INSTALL NEW 150mm WATER VALVE. VALVEBOX ASSEMBLY AS PER CITY OF OTTAWA STANDARD DETAIL DRAWING W24 AND W50.

06 SUPPLY AND INSTALL WATTS ROOF DRAIN CONTROLS TO BE INSTALLED ON ROOF DRAINS. SPECIFIC WEIR SETTINGS IN CLOSED POSITION. MAXIMUM DISCHARGE 6.0l/s TOTAL. MAXIMUM ROOF PONDING DEPTH 150mm. 100 YEAR PONDING VOLUME: $109.9m^3$.

07 SUPPLY AND INSTALL NEW INLET CONTROL DEVICE FLOW REGULATOR AT STORM MANHOLE, STMH-3 OUTLET. MAXIMUM DISCHARGE 59 l/s AT 0.99m HEAD AND ORIFICE DIAMETER AT 172mm.

08 NEW MONITORING STORM MANHOLE STMH-3 AND 375mm Ø STORM SEWER PIPE FROM UNDERGROUND STORAGE TANK TO 900mmØ STORM SEWER. PROVIDE WATERTIGHT CONNECTION.

09 NEW MONITORING SANITARY MANHOLE SAMH-1 AND 200mm Ø SAINTARY SEWER PIPE FROM BUILDING CONNECT NEW 200mm Ø SANITARY PIPE TO THE EXISTING SANITARY MANHOLE ON PADDOCK ST. PROVIDE WATERTIGHT CONNECTION.

10 CONNECT STORM AT APPROXIMATE INVERT LEVEL = 104.05 TO BUILDING 1.0m AWAY FROM BUILDING FOUNDATION.

11 CONNECT SANITARY AT APPROXIMATE INVERT LEVEL = 104.78 TO BUILDING 1.0m AWAY FROM BUILDING FOUNDATION.

12 CONNECT NEW 100mm PERFORATED PERIMETER FOUNDATION DRAINAGE AT INVERT 104.55 (REFER TO ARCHITECTURAL) TO NEW 100mm PVC STORM SEWER PIPE TO CBMH-3. PROVIDE WATERTIGHT CONNECTION

13 CORE IN AND CONNECT TO EXISTING 900mm DIAMETER CONCRETE STORM PIPE AS PER CITY OF OTTAWA STANDARD DETAIL S11 AND S11.2. INVERT CONNECTION OF NEW 375mm PVC PIPE TO BE PROVIDED AT ELEVATION = 102.96. CONTRACTOR TO CONFIRM STORM SEWER INVERTS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCY TO ENGINEER. CONNECTIONS SHALL BE MADE WITH CORE DRILLING.

14 SUPPLY AND INSTALL PRO-LINE FITTINGS TERMINAL BACKWATER VALVE (4" SIZE) ON 100mm FOUNDATION DRAIN SERVICE. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL

15 ALL WATERMAIN SHALL BE PROVIDED WITH TRACER WIRE AS PER CITY OF OTTAWA STANDARD DETAILS AND SPECIFICATIONS.

16 FIRE HYDRANT AS PER CITY OF OTTAWA STANDARD DETAIL DRAWING W19

17 SUBDRAINS SHOULD BE INSTALLED UNDER CURBS ON THE SIDES OF THE ACCESS ROAD AND PARKING AREA AND TO CONNECT TO STORM SEWER NETWORK PER CITY OF OTTAWA DETAIL R1. SEE GEOTECHNICAL NOTES AND REFER TO GEOTECHNICAL REPORT.

18 ROOF TOP SCUPPERS TO BE PROVIDED AT 150mm ABOVE LEVEL OF ROOF DRAINS.

19 WATER SERVICE ENTRY TO BE SLEEVED THROUGH FOUNDATION WALL ON TOP OF FOOTING AT 103.61. INVERT LEVELS TO BE COORDINATED AND MATCHING WITH STRUCTURAL AND MECHANICAL DRAWINGS. INSULATE PER CITY OF OTTAWA W22 WHERE LESS THAN 2.4m OF COVER IS PROVIDED.

20 CONSTRUCT NEW WATER SERVICE CROSSING OVER EXISTING SEWERS AS PER CITY OF OTTAWA STANDARD DETAIL W25.2. PROVIDE INSULATION AS PER CITY OF OTTAWA STANDARD DETAIL W22 WHERE COVER IS LESS THAN 2.4m

21 INSTALL NEW STORMTECH SC-800 CHAMBERS (OR EQUIVALENT PRODUCT). TOTAL SYSTEM STORAGE VOLUME = 219.12m3. BOTTOM OF STONE ELEVATION = 103.18. TOP OF STONE ELEVATION = 104.37. BOTTOM OF CHAMBER ELEVATION = 103.33. TOP OF CHAMBER ELEVATION = 104.17. PROVIDE MINIMUM OF 200mm STONE ABOVE AND 152mm STONE BELOW CHAMBER. CONTRACTOR TO PROVIDE SHOP DRAWINGS AND STAGE ELEVATION CHART FOR APPROVAL.

22 NEW SIAMESE CONNECTION, REFER TO MECHANICAL DRAWINGS

23 ANY EXCAVATION WITHIN CLOSE PROXIMITY OF THE EXISTING 400mm FORCEMAIN WILL REQUIRE CITY PRESENCE. CONTRACTOR TO FOLLOW RECOMMENDATIONS INCLUDED IN EXCAVATION AND CONTINGENCY PLAN FOR SANITARY FORCEMAIN PROXIMITY MEMO BY JP2G CONSULTANTS.

24 CONTRACTOR TO PROVIDE CCTV OF EXISTING BUILDING STORM AND SANITARY SERVICES

25 PORTABLE SERVICE MANHOLE FOR POWER AND SECURITY, REFER TO ELECTRICAL DRAWINGS

26 APPROXIMATE LOCATION OF EXISTING 150mm DIAMETER CONCRETE SANITARY SERVICE FOR EXISTING BUILDING BASED ON CRAIG AND KOHLER AS-BUILT DATED 1976. CONTRACTOR TO INFORM ENGINEER OF ANY DISCREPANCY FOUND IN THE FIELD.

27 PROVIDE 100mm HIGH LOAD RIGID INSULATION PLACED WITHIN SUBGRADE. INSULATION AS PER CITY OF OTTAWA DETAIL W22.

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DRAWING NOTES

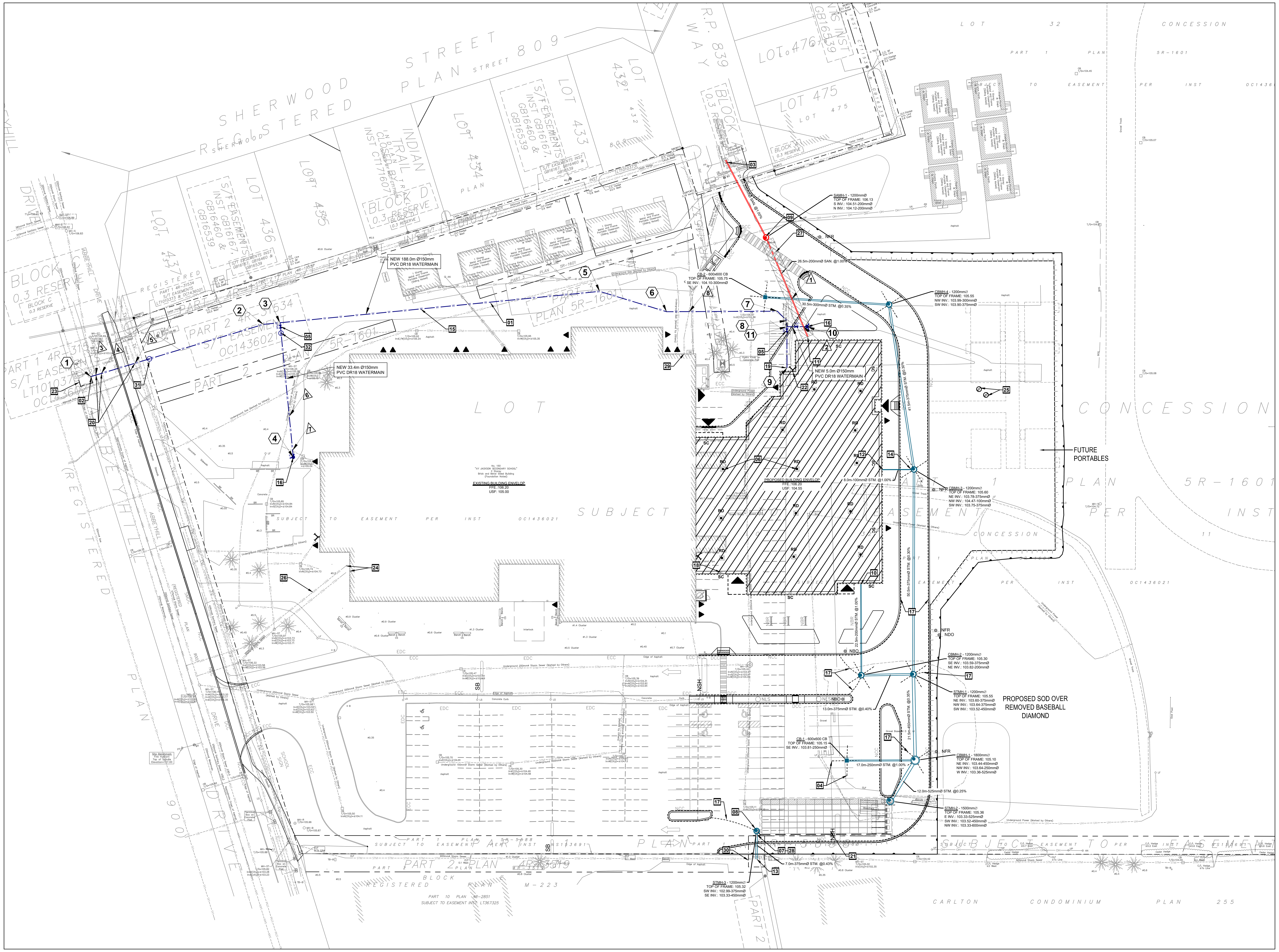
28 SUPPLY AND INSTALL BACKFLOW VALVE ON STMH-3 OUTLET .CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR PROFLEX PROCO 790 DUCK BILL TYPE (OR APPROVED EQUIVALENT PRODUCT) FOR 15" SIZE (375mm). VALVE CLAMP LOCATION AT DISCHARGE.

29 EXISTING 100mm WATER SERVICE FOR EXISTING SCHOOL BUILDING TO REMAIN

30 ANTICIPATED EASEMENT FOR STORM OUTLET CONNECTION. OCDSB TO CONFIRM LOCATION OF FINAL EASEMENT ONCE FINALIZED

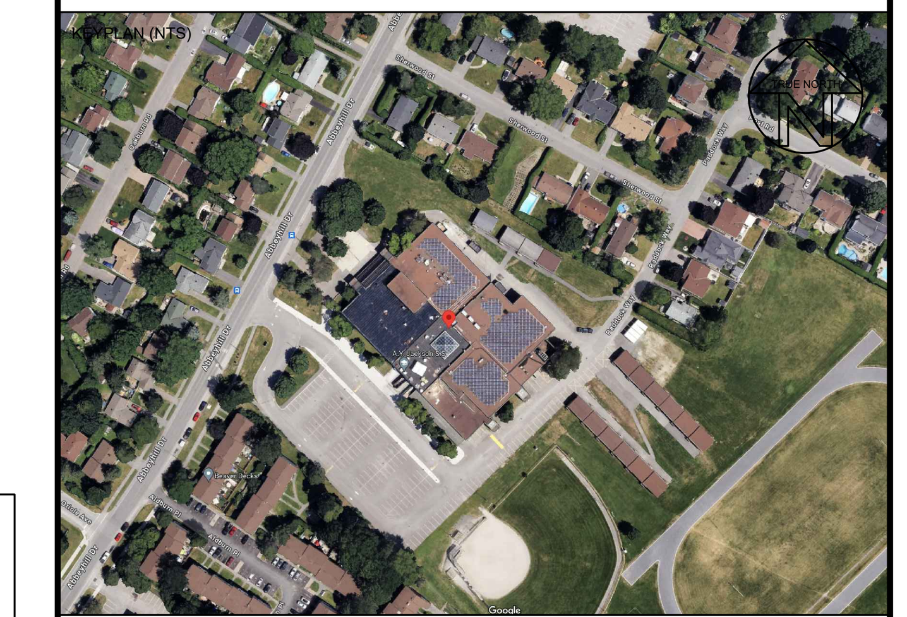
31 INSTALL DISTRICT METER AREA CHAMBER AS PER CITY OF OTTAWA DETAIL W3.1

32 INSTALL DUAL CHECK VALVE ASSEMBLY WITH BACKFLOW PREVENTER CONFORMING TO CSAB64.5 IN NEW WATER CHAMBER. WATER CHAMBER AS PER CITY OF OTTAWA DETAIL W3.1 OR W3.3.



CLIENT LOGO

OTTAWA-CARLETON DISTRICT SCHOOL BOARD



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2	2024-12-17	ZB/AS	ISSUED FOR BUILDING PERMIT
1	2024-11-21	ZB/AS	ISSUED FOR PHASE 3 PRECONSULT

STAMP

LICENSED PROFESSIONAL ENGINEER
SAMMOUR
100227665
July 31, 2025
PROVINCE OF ONTARIO

STAMP

PROJECT

AY JACKSON SECONDARY SCHOOL ADDITION

150 ABBEYHILL DRIVE,
KANATA ON,
K2L 1H7

DRAWING

SITE SERVICING PLAN

Jp2g Consultants Inc.
ENGINEERS · PLANNERS · PROJECT MANAGERS

12 INTERNATIONAL DR.
PEMBROKE, ON, K8A 6W5
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Jp2g PROJECT No.: 24-5053A

NORTH

TRUE NORTH

CLIENT No.:
DRAFTED: ZB
DESIGNED: ZB
REVIEWED: AS
APPROVED: AS

SCALE 1:500

0 m 5 10 15 20 25 m

SHEET #
C1

D07-12-25-0062

PLAN #19318

DWG NAME: J:\5-CIVIL\2024\24-5053A - CUHACI - AY JACKSON ADDITION\05 DRAWINGS\1 ONGOING\24-5053A AY JACKSON ISSUED FOR SITE PLAN CONTROL R2 JULY 31 2025.DWG LAYOUT: C1 SITE SERVICING PLAN SAVED ON 2025-07-30

LEGEND

- PROPERTY LINE
- EXISTING WATERMAIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING FIRE HYDRANT
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- NEW BUILDING
- NEW FIRE HYDRANT
- NEW WATER VALVE
- NEW SANITARY MANHOLE
- NEW STORM MANHOLE
- NEW CATCH BASIN
- RD NEW ROOF DRAIN
- SC NEW SCUPPER AT 150mm ABOVE ROOF DRAIN LEVEL
- NEW CONCRETE SIDEWALK
- NEW HEAVY DUTY ASPHALT
- NEW LIGHT DUTY ASPHALT
- NEW GRASS
- TOP OF BANK
- LIMIT OF FILL
- DCC DEPRESSED CURB
- NCC CONCRETE BARRIER CURB
- NEW TREE, REFER TO LANDSCAPE
- NEW TWSI
- NEW SIAMESE CONNECTION
- BUILDING ENTRY
- 105.56 PROPOSED ELEVATION
- -2.0% PROPOSED SLOPE
- 105.05 / 105.02 PROPOSED ELEVATION / EXISTING ELEVATION
- 105.63 EXISTING ELEVATION

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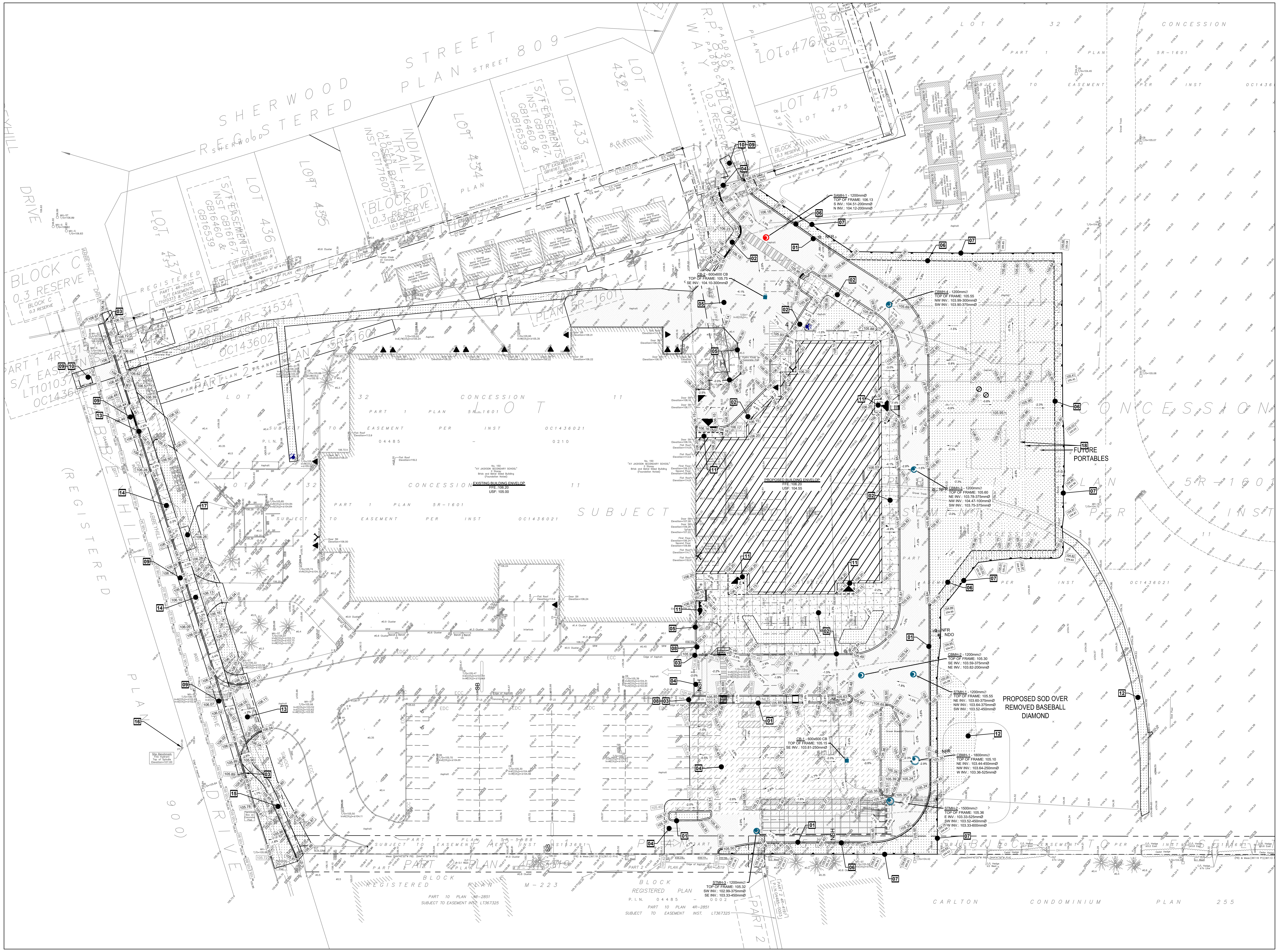


DRAWING NOTES

01 CONSTRUCT CONCRETE BARRIER CURB / DEPRESSED CURB AS PER CITY OF OTTAWA DETAIL SC1.1

02 CONSTRUCT MONOLITHIC CONCRETE ENTRANCE AND CURB AS PER DETAIL 5/C3. EXPANSION JOINTS AS PER CITY OF OTTAWA SC5

03 MATCH NEW CURB INTO EXISTING CURB ELEVATION

04 MATCH NEW ASPHALT INTO EXISTING ASPHALT ELEVATION

05 EXISTING RETAINING WALL TO REMAIN

06 TOP OF BANK, PROVIDE MAXIMUM 3H:1V SLOPE TO TIE INTO EXISTING GRADES

07 MATCH EXISTING GRADES AT PROPERTY LINE AND LIMITS OF WORK

08 NEW EXTENSION OF EXISTING SIDEWALK . PROVIDE DOWELS AND JOINTS BETWEEN EXISTING AND NEW SIDEWALK EXTENSION AS APPLICABLE PER CITY OF OTTAWA STANDARD DETAILS R4 , R5 AND R6. CONTRACTOR SHALL ENSURE THE STRUCTURAL INTEGRITY OF EXISTING CONCRETE SIDEWALK THAT WILL REMAIN IN PLACE AND ITS UNDERLYING GRANULAR BASE WHEN COMPACTING THE SUBGRADE AND GRANULAR BASE OF THE NEW SIDEWALK EXTENSION. INSTALL REINFORCING MESH 150X150mm MW9.1XMW9.1 THROUGHOUT NEW EXTENSION. STOP WIRE MESH AT EXPANSION JOINTS.

09 ANY DISTURBED AREA WITHIN THE RIGHT-OF-WAY SHALL BE REINSTATED TO EQUAL OR BETTER CONDITION TO THE SATISFACTION OF THE CITY OF OTTAWA.

10 REINSTATE ROAD CUT TO FACILITATE NEW SERVICES AS PER CITY OF OTTAWA STANDARD DETAIL R10.

11 CONCRETE TO BE WITHIN 12mm OF DOOR

12 REPLACE EXISTING GRAVEL AREA WITHIN EXISTING BASEBALL DIAMOND AREA WITH 100mm TOPSOIL AND SOD. REINSTATE TOP OF SOD AT EXISTING GRADES.

13 MODIFY EXISTING ENTRANCE AS PER CITY OF OTTAWA DETAIL SC7.1

14 NEW MONOLITHIC CONCRETE CURB AND SIDEWALK AS PER CITY OF OTTAWA DETAIL SC1.4. MATCH BOTTOM OF CURB ELEVATION INTO EXISTING EDGE OF ROAD ELEVATION

15 NEW CONCRETE SIDEWALK IN BOULEVARD AS PER CITY OF OTTAWA STANDARD DETAIL SC4

16 SITE BENCHMARK, REFER TO TOPOGRAPHIC SKETCH OF #150 ABBEYHILL DRIVE CITY OF OTTAWA COMPLETE BY FARLEY SMITH AND DENIS SURVEYIN LTD. FILE NO. 110-24.

17 CONSTRUCT CONCRETE BUS PAD AS PER CITY OF OTTAWA DETAIL SC11

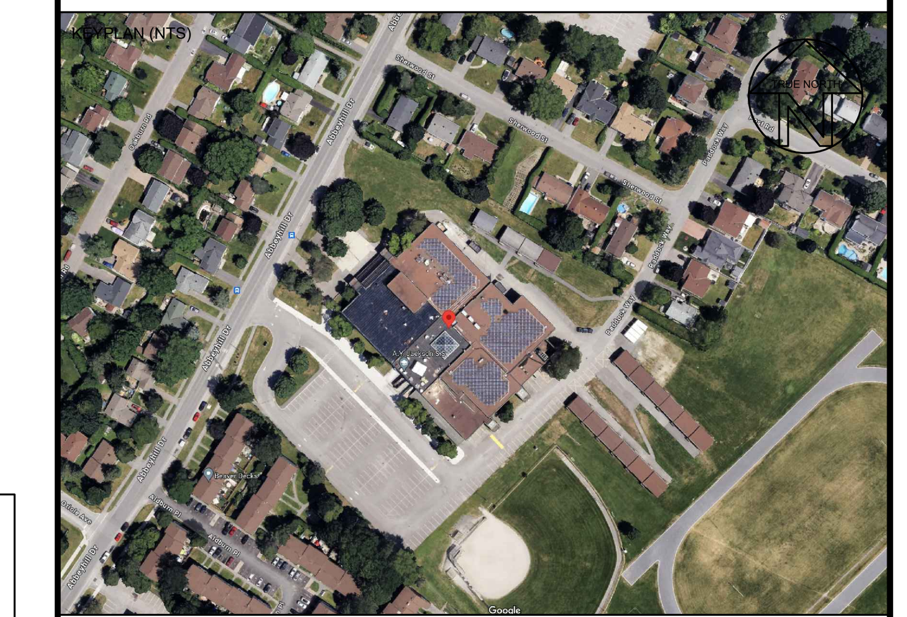
18 OUTLINE OF FUTURE PORTABLES AND FUTURE ACCESS PATH

DWG NAME: J:\5-CIVIL\2024\24-5053A - CUHACI - AY JACKSON ADDITION\05 DRAWINGS\1 ONGOING\24-5053A AY JACKSON ISSUED FOR SITE PLAN CONTROL R2 JULY 31 2025.DWG LAYOUT: C2 SITE GRADING PLAN SAVED ON 2025-07-30

CLIENT LOGO

OTTAWA-CARLETON DISTRICT SCHOOL BOARD

KEY PLAN (NTS)



DISCLAIMER NOTES

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ISSUES/PROBLEMS WHICH MAY OCCUR AS A RESULT OF A FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY.
2. WHERE THERE ARE ALLEGED ERRORS, OMISSIONS, INCONSISTENCIES OR AMBIGUITIES PRESENT IN THE CONTRACT DOCUMENTS, THE CONTRACTOR MUST SEEK CLARIFICATION FROM JP2G. ANY COSTS OR SCHEDULE DELAYS WHICH RESULT AS A FAILURE TO CONTACT JP2G FOR DIRECTION SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
3. DO NOT SCALE DRAWINGS. REFER ANY DIMENSIONAL CLARIFICATIONS AND/OR POSSIBLE TRADE INTERFERENCE/CONFLICTS TO JP2G FOR CLARIFICATION PRIOR TO COMMENCEMENT OF THE WORK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION WITH SUBTRADES AND SHALL ADDRESS CONSTRUCTION TEAM COORDINATION ITEMS PRIOR TO ISSUING REQUESTS FOR INFORMATION FROM JP2G.
5. THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM THEMSELVES OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	YYYY-MM-DD	BY	DESCRIPTION
6	2025-07-31	ZB/AS	ISSUED FOR SITE PLAN CONTROL R2
5	2025-06-12	ZB/AS	ISSUED FOR TENDER
4	2025-06-09	ZB/AS	ISSUED FOR SITE PLAN CONTROL R1
3	2025-04-03	ZB/AS	ISSUED FOR SITE PLAN CONTROL
2	2024-12-17	ZB/AS	ISSUED FOR BUILDING PERMIT
1	2024-11-21	ZB/AS	ISSUED FOR PHASE 3 PRECONSULT

STAMP

LICENSED PROFESSIONAL ENGINEER
A. SAMMOUR
100227665
July 31, 2025
PROVINCE OF ONTARIO

STAMP

PROJECT

AY JACKSON SECONDARY SCHOOL ADDITION

150 ABBEYHILL DRIVE,
KANATA ON,
K2L 1H7

DRAWING

SITE GRADING PLAN

Jp2g Consultants Inc.
ENGINEERS · PLANNERS · PROJECT MANAGERS

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Jp2g PROJECT No.: 24-5053A

NORTH

TRUE NORTH

CLIENT No.:

DRAFTED: ZB

DESIGNED: ZB

REVIEWED: AS

APPROVED: AS

SCALE 1:500
0 m, 5, 10, 15, 20, 25 m

SHEET # C2

D07-12-25-0062

PLAN #19318

General Notes

1. DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND LANDSCAPE DRAWINGS.
2. ALL SERVICES, MATERIALS, CONSTRUCTION METHODS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND REGULATIONS OF THE: CITY OF OTTAWA STANDARD SPECIFICATIONS AND DRAWINGS, ONTARIO PROVINCIAL SPECIFICATION STANDARD SPECIFICATION (OPSS) AND ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), UNLESS OTHERWISE SPECIFIED, TO THE SATISFACTION OF THE CITY AND THE CONSULTANT.
3. THE POSITION OF EXISTING POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES, STRUCTURES AND APPURTENANCES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SATISFY HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM DURING THE COURSE OF CONSTRUCTION. ANY RELOCATION OF EXISTING UTILITIES REQUIRED BY THE DEVELOPMENT OF SUBJECT LANDS IS TO BE UNDERTAKEN AT CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR MUST NOTIFY ALL EXISTING UTILITY COMPANY OFFICIALS FIVE (5) BUSINESS DAYS PRIOR TO START OF CONSTRUCTION AND HAVE ALL EXISTING UTILITIES AND SERVICES LOCATED IN THE FIELD OR EXPOSED PRIOR TO THE START OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO POWER, COMMUNICATION AND GAS LINES.
5. ALL TRENCHING AND EXCAVATIONS TO BE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS AND AS PER THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL REPORT.
6. REFER TO ARCHITECTS PLANS FOR BUILDING DIMENSIONS, LAYOUT AND REMOVALS. REFER TO LANDSCAPE PLAN FOR LANDSCAPED DETAILS AND OTHER RELEVANT INFORMATION. ALL INFORMATION SHALL BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. TOPOGRAPHIC SURVEY COMPLETED AND PROVIDED BY FARLEY, SMITH AND DENIS SURVEYING LTD., FILE NO.:110-24, DATED JUNE 28,2024. CONTRACTOR TO VERIFY IN THE FIELD PRIOR TO CONSTRUCTION OF ANY WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
8. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS. VERIFY THAT JOB BENCHMARKS HAVE NOT BEEN ALTERED OR DISTURBED.
9. ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED SWALE OR CATCH BASIN OUTLETS ARE PROVIDED.
10. ALL EDGES OF DISTURBED PAVEMENT SHALL BE SAW CUT TO FORM A NEAT AND STRAIGHT LINE PRIOR TO PLACING NEW PAVEMENT. PAVEMENT REINSTATEMENT SHALL BE WITH STEP JOINTS OF 500mm WIDTH MINIMUM.
11. ALL DISTURBED AREAS OUTSIDE PROPOSED GRADING LIMITS TO BE RESTORED TO ORIGINAL ELEVATIONS AND CONDITIONS UNLESS OTHERWISE SPECIFIED. ALL RESTORATION SHALL BE COMPLETED WITH THE GEOTECHNICAL REQUIREMENTS FOR BACKFILL AND COMPACTION.
12. ABUTTING PROPERTY GRADES TO BE MATCHED UNLESS OTHERWISE SHOWN.
13. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPAL AUTHORITIES PRIOR TO COMMENCING CONSTRUCTION, INCLUDING WATER PERMIT AND ROAD CUT PERMIT.
14. MINIMIZE DISTURBANCE TO EXISTING VEGETATION DURING THE EXECUTION OF ALL WORKS.
15. EXCAVATE AND REMOVE ALL ORGANIC MATERIAL AND DEBRIS LOCATED WITHIN THE PROPOSED BUILDING, PARKING AND ROADWAY LOCATIONS. ALL EXCESS SOIL MANAGEMENT, TESTING AND DISPOSAL MUST COMPLY WITH CURRENT O.REG. 406/19. ALL ASSOCIATED COSTS ARE TO BE BORNE BY THE CONTRACTOR.
16. AT PROPOSED UTILITY CONNECTION POINTS AND CROSSINGS (I.E. STORM SEWER, SANITARY SEWER, WATER, ETC.) THE CONTRACTOR SHALL DETERMINE THE PRECISE LOCATION AND DEPTH OF EXISTING UTILITIES AND REPORT ANY DISCREPANCIES OR CONFLICTS TO THE ENGINEER BEFORE COMMENCING WORK.
17. CONTRACTOR TO OBTAIN POST-CONSTRUCTION TOPOGRAPHIC SURVEY, COMPLETED BY OLS OR P.ENG CONFIRMING COMPLIANCE WITH DESIGN GRADING AND SERVICING. SURVEY IS TO INCLUDE LOCATION AND INVERTS FOR BURIED UTILITIES.
18. ABIDE BY RECOMMENDATIONS OF GEOTECHNICAL REPORT. REPORT ANY VARIATIONS IN OBSERVED CONATIONS FROM THOSE INCLUDED IN REPORT.
19. REPORT REFERENCES;
    i. GEOTECHNICAL INVESTIGATION PREPARED BY EXP SERVICES INC., PROJECT NO.: OTT-23012778-D0 , DATED DECEMBER 18, 2024 .
20. PROVIDE CCTV INSPECTION REPORT FOR ALL SEWERS AND CATCHBASIN LEADS 200mm DIAMETER AND LARGER. REPEAT CCTV INSPECTION FOLLOWING RECTIFICATION OF ANY DEFICIENCIES.

Notes: Sanitary Sewer and Manholes

1. ALL SANITARY SEWER, SANITARY SEWER APPURTENANCES AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. PROVIDE CCTV INSPECTION REPORTS FOR ALL NEW SANITARY PIPING. PROVIDE DYE TESTING FOR NEW SERVICES.
2. SANITARY SEWER PIPE SIZE 150mm DIAMETER AND GREATER TO BE PVC SDR-35 (UNLESS SPECIFIED OTHERWISE) WITH RUBBER GASKET TYPE JOINTS IN CONFORMANCE WITH CSA B-182.2,3,4.
3. SEWER BEDDING AS PER CITY OF OTTAWA DETAIL S6.
4. ALL SANITARY MANHOLES 1200mm IN DIAMETER TO BE AS PER OPSD 701.01. FRAME AND COVER TO BE AS PER CITY OF OTTAWA STANDARD S25 AND S24.
5. MAINTENANCE HOLE BENCHING AND PIPE OPENING ALTERNATIVES AS PER THE OPSD 701.021
6. ANY SANITARY SEWER WITH LESS THAN 2.0m COVER REQUIRES THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22, OR APPROVED BY THE ENGINEER.

Notes: Storm Sewer and Manholes

1. ALL STORM SEWER MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. PROVIDE CCTV INSPECTION REPORTS FOR ALL NEW STORM SEWERS, SERVICES AND CB LEADS.
2. STORM SEWERS 375mm DIAMETER AND SMALLER SHALL BE PVC SDR-35, WITH RUBBER GASKET PER CSA A-257.3.
3. STORM SEWERS 450mm AND LARGER SHALL BE REINFORCED CONCRETE CLASS 100.
4. SEWER BEDDING AS PER CITY OF OTTAWA DETAIL S6.
5. ALL STORM MANHOLES TO BE AS PER MANHOLE AND CATCHBASIN SCHEDULE.
6. ANY NEW OR EXISTING STORM SEWER WITH LESS THAN 2.0m COVER REQUIRES THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22, OR APPROVED BY THE ENGINEER.
7. CB IN LANDSCAPE AREAS SHALL BE AS PER CITY OF OTTAWA STANDARD S29, S30 AND S31.
8. ALL CATCHBASIN LEADS TO BE MINIMUM 200mm DIAMETER AT MINIMUM 1.0% SLOPE UNLESS OTHERWISE SPECIFIED.
9. STORM CATCHBASINS AS PER OPSD 705.010 AND FRAME/COVER AS PER CITY STANDARD DRAWINGS S19. STORM CBMH'S AS INDICATED IN TABLE WITH SUMP, ADJUSTMENT SECTIONS SHALL BE AS PER OPSD 704.010.
10. INSTALLATION OF FLOW CONTROL ICD'S TO BE VERIFIED BY QUALITY VERIFICATION ENGINEER RETAINED BY CONTRACTOR.

GEOTECHNICAL NOTES

1. A GEOTECHNICAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO SHALL INSPECT ALL SUBGRADE SURFACES FOR FOOTING AND TRENCHES, PIPE BEDDING AND PAVEMENT STRUCTURES PRIOR TO CONSTRUCTION.
2. IT IS STRICTLY RECOMMENDED TO REFER GEOTECHNICAL INVESTIGATION REPORT : GEOTECHNICAL INVESTIGATION - PROPOSED ADDITION AY JACKSON HIGH SCHOOL, 150 ABBEYHILL DRIVE, OTTAWA, ONTARIO BY EXP SERVICES INC.
3. IT IS ANTICIPATED THAT THE MAJORITY OF THE MATERIAL REQUIRED FOR BACKFILLING PURPOSES AND FOR TRENCH BACKFILL WOULD HAVE TO BE IMPORTED AND SHOULD CONFORM TO THE RECOMMENDATION STATED IN THE GEOTECHNICAL REPORT.
4. CONTRACTOR BIDDING ON THIS PROJECT MUST REVIEW AVAILABLE DATA AND DECIDE ON THEIR OWN THE BEST METHOD FOR THE EXCAVATION OF THE BEDROCK IF DEEMED REQUIRED.
5. IT IS RECOMMENDED THAT THE BEDDING FOR THE UNDERGROUND SERVICES INCLUDING MATERIAL SPECIFICATIONS, THICKNESS OF COVER MATERIAL AND COMPACTION REQUIREMENTS CONFORM TO MUNICIPAL REQUIREMENTS AND/OR ONTARIO PROVINCIAL STANDARD SPECIFICATION AND DRAWINGS (OPSS AND OPSD).
6. IT IS RECOMMENDED THAT THE PIPE BEDDING BE 300mm THICK AND CONSIST OF OPSS GRANULAR A. THE BEDDING MATERIAL SHOULD BE PLACED ALONG THE SIDES AND ON TOP OF THE PIPE TO PROVIDE A MINIMUM COVER OF 300mm. THE BEDDING SHOULD BE COMPACTED TO AT LEAST 98 PERCENT OF THE SPMDD.
7. THE BEDDING THICKNESS MAY BE FURTHER INCREASED IN AREAS WHERE THE SUBGRADE BECOMES DISTURBED.
8. SINCE PAVED SURFACES WILL BE LOCATED OVER SERVICE TRENCHES, IT IS RECOMMENDED THAT THE TRENCH BACKFILL MATERIAL WITHIN THE FROST ZONE (UP TO 1.8 M BELOW FINISHED GRADE), SHOULD MATCH THE EXISTING MATERIAL IN THE ROADWAY TO MINIMIZE DIFFERENTIAL FROST HEAVING OF THE SUBGRADE. THE TRENCH BACKFILL SHOULD BE PLACED IN 300 MM THICK LIFTS AND EACH LIFT SHOULD BE COMPACTED TO 95 PERCENT SPMDD.
9. THE BEDROCK/AUGER REFUSAL DEPTHS ACROSS THE SITE WERE VARIABLE.SHALLOW BEDROCK AND LARGE BOULDERS SHOULD BE EXPECTED DURING THE INSTALLATION OF ANY SERVICES AT THE SITE AND CONTRACTORS BIDDING ON THIS WORK SHOULD ANTICIPATE THESE CONDITIONS.
10. IT IS ANTICIPATED THAT THE MAJORITY OF THE MATERIAL REQUIRED FOR TRENCH BACKFILL AND SUBGRADE FILL IN PARKING AREA AND ACCESS ROADS WOULD HAVE TO BE IMPORTED AND SHOULD CONFORM TO OPSS 1010 SELECT SUBGRADE MATERIAL (SSM) - COMPACTED TO 95 PERCENT OF THE SPMDD AND THE UPPER 300 MM OF THE SUBGRADE FILL MUST BE COMPACTED TO 98% SPMDD.
11. AS PART OF THE SUBGRADE PREPARATION, THE PROPOSED PARKING AREA, PAVED AREA AND ACCESS ROADS SHOULD BE STRIPPED OF TOPSOIL AND OTHER OBVIOUSLY UNSUITABLE MATERIAL. THE SUBGRADE SHOULD BE PROPERLY SHAPED, CROWNED, THEN PROOF ROLLED WITH A HEAVY VIBRATORY ROLLER IN THE FULL-TIME PRESENCE OF A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER. ANY SOFT OR SPONGY SUBGRADE AREAS DETECTED SHOULD BE SUB EXCAVATED AND PROPERLY REPLACED WITH SUITABLE APPROVED BACKFILL COMPACTED TO 95 PERCENT SPMDD (ASTM D698-12E2).
12. THE SUBDRAINS ILLUSTRATED ON PLANS ARE SCHEMATIC. FULL SCHEME OF SUBDRAINS SHOULD BE INSTALLED ON BOTH SIDES OF THE ACCESS ROAD(S).SUBDRAINS SHOULD BE INSTALLED ON BOTH SIDES OF THE ACCESS ROAD(S). SUBDRAINS MUST BE INSTALLED IN THE PROPOSED PARKING AREA AT LOW POINTS AND SHOULD BE CONTINUOUS BETWEEN CATCHBASINS TO INTERCEPT EXCESS SURFACE AND SUBSURFACE MOISTURE AND TO PREVENT SUBGRADE SOFTENING. THIS WILL ENSURE NO WATER COLLECTS IN THE GRANULAR COURSE, WHICH COULD RESULT IN PAVEMENT FAILURE DURING THE SPRING THAW. THE LOCATION AND EXTENT OF SUBDRAINS REQUIRED WITHIN THE PAVED AREAS SHOULD BE REVIEWED BY THE GEOTECHNICAL ENGINEER IN CONJUNCTION WITH THE PROPOSED SITE GRADING.
13. TO MINIMIZE THE PROBLEMS OF DIFFERENTIAL MOVEMENT BETWEEN THE PAVEMENT AND CATCHBASINS/MANHOLE DUE TO FROST ACTION, THE BACKFILL AROUND THE STRUCTURES SHOULD CONSIST OF FREE-DRAINING GRANULAR PREFERABLY CONFORMING TO OPSS GRANULAR B TYPE II MATERIAL. WEEP HOLES SHOULD BE PROVIDED IN THE CATCHBASINS/MANHOLES TO FACILITATE DRAINAGE OF ANY WATER THAT MAY ACCUMULATE IN THE GRANULAR FILL
14. THE MOST SEVERE LOADING CONDITIONS ON LIGHT-DUTY PAVEMENT AREAS AND THE SUBGRADE MAY OCCUR DURING CONSTRUCTION. CONSEQUENTLY, SPECIAL PROVISIONS SUCH AS RESTRICTED LANES, HALF-LOADS DURING PAVING, TEMPORARY CONSTRUCTION ROADWAYS, ETC., MAY BE REQUIRED, ESPECIALLY IF CONSTRUCTION IS CARRIED OUT DURING UNFAVORABLE WEATHER.
15. THE FINISHED PAVEMENT SURFACE SHOULD BE FREE OF DEPRESSIONS AND SHOULD BE SLOPED (PREFERABLY AT A MINIMUM CROSS FALL OF 2 PERCENT) TO PROVIDE EFFECTIVE SURFACE DRAINAGE TOWARDS CATCH BASINS. SURFACE WATER SHOULD NOT BE ALLOWED TO POND ADJACENT TO THE OUTSIDE EDGES OF PAVED AREAS.
16. RELATIVELY WEAKER SUBGRADE MAY DEVELOP OVER SERVICE TRENCHES AT SUBGRADE LEVEL. THESE AREAS MAY REQUIRE THE USE OF THICKER/COARSER SUB-BASE MATERIAL AND THE USE OF A GEOTEXTILE AT THE SUBGRADE LEVEL. IF THIS IS THE CASE, IT IS RECOMMENDED THAT ADDITIONAL 150 MM THICK GRANULAR SUB-BASE, OPSS GRANULAR B TYPE II, SHOULD BE PROVIDED IN THESE AREAS, IN ADDITION TO THE USE OF A GEOTEXTILE AT THE SUBGRADE LEVEL.
17. THE GRANULAR MATERIALS USED FOR PAVEMENT CONSTRUCTION SHOULD CONFORM TO ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS 1010) FOR GRANULAR A AND GRANULAR B TYPE II AND SHOULD BE COMPACTED TO 100 PERCENT OF THE SPMDD.
18. THE ASPHALTIC CONCRETE USED, AND ITS PLACEMENT SHOULD MEET OPSS 1150 OR 1151 REQUIREMENTS. IT SHOULD BE COMPACTED FROM 92 PERCENT TO 97 PERCENT OF THE MRD (ASTM D2041). ASPHALT PLACEMENT SHOULD BE IN ACCORDANCE WITH OPSS 310 AND OPSS 313.
19. ALL EARTHWORK ACTIVITIES FROM PLACEMENT AND COMPACTION OF FILL IN THE SERVICE TRENCHES TO SUBGRADE PREPARATION, PLACEMENT AND COMPACTION OF GRANULAR MATERIALS AND ASPHALTIC CONCRETE SHOULD BE INSPECTED BY QUALIFIED GEOTECHNICIANS TO ENSURE THAT CONSTRUCTION OF THE SEWERS AND PAVEMENT PROCEEDS ACCORDING TO THE SPECIFICATIONS.
20. STRINGENT CONSTRUCTION CONTROL PROCEDURES SHOULD BE MAINTAINED TO ENSURE THAT UNIFORM SUBGRADE MOISTURE AND DENSITY CONDITIONS ARE ACHIEVED.
21. SHOULD SURFACE AND SUBSURFACE WATER SEEPAGE OCCUR INTO THE EXCAVATIONS COLLECT ANY WATER ENTERING THE EXCAVATIONS AND REMOVE IT BY PUMPING FROM SUMP.
22. IF THE BACKFILL IN THE SERVICE TRENCHES WILL CONSIST OF GRANULAR FILL, CLAY SEALS SHOULD BE INSTALLED IN THE SERVICE TRENCHES AT SELECT INTERVALS (SPACING) AS PER CITY OF OTTAWA DRAWING NO. S8. THE SEALS SHOULD BE 1 M WIDE, EXTEND OVER THE ENTIRE TRENCH WIDTH AND FROM THE BOTTOM OF THE TRENCH TO THE UNDERSIDE OF THE PAVEMENT STRUCTURE. THE CLAY SHOULD BE COMPACTED TO 95 PERCENT SPMDD. THE PURPOSE OF THE CLAY SEALS IS TO PREVENT THE PERMANENT LOWERING OF THE GROUNDWATER LEVEL. CLAY SEAL LOCATIONS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER.
23. IT IS RECOMMENDED THAT A GEOTEXTILE BE PLACED ON THE SURFACE OF THE SUBGRADE PRIOR OF PLACEMENT OF ANY GRANULAR SUB-BASE. THIS MUST BE ALLOWED FOR BY THE CONTRACTOR AND INSTALLED WHEN DIRECTED BY THE GEOTECHNICAL ENGINEER.
24. THE MUNICIPAL SERVICES SHOULD BE INSTALLED IN SHORT OPEN TRENCH SECTIONS THAT ARE EXCAVATED AND BACKFILLED THE SAME DAY.

Parking Lot and Work in Public Rights of Way

**** CONTRACTOR IS RESPONSIBLE FOR ALL INSTALLATION, MONITORING, REPAIR AND REMOVAL OF ALL EROSION AND SEDIMENT CONTROL FEATURES.****

1. PRIOR TO START OF CONSTRUCTION:
   - 1.1. INSTALL SILT FENCE IN LOCATION SHOWN ON DWG C4.
   - 1.2. INSTALL FILTER FABRIC OR SILT SACK FILTERS IN ALL THE CATCHBASINS AND MANHOLES TO REMAIN DURING CONSTRUCTION WITHIN THE SITE (SEE TYPICAL DETAIL).
   - 1.3. INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.
2. DURING CONSTRUCTION:
   - 2.1. MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE AND IMPACTS TO EXISTING GRADING.
   - 2.2. PERIMETER VEGETATION TO REMAIN IN PLACE UNTIL PERMANENT STORM WATER MANAGEMENT IS IN PLACE. OTHERWISE, IMMEDIATELY INSTALL SILT FENCE WHEN THE EXISTING SITE IS DISTURBED AT THE PERIMETER.
   - 2.3. PROTECT DISTURBED AREAS FROM OVERLAND FLOW BY PROVIDING TEMPORARY SWALES TO THE SATISFACTION OF THE FIELD ENGINEER. TIE-IN TEMPORARY SWALE TO EXISTING CB'S AS REQUIRED.
   - 2.4. PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED WITHIN 30 DAYS.
   - 2.5. INSPECT SILT FENCES, FILTER FABRIC FILTERS AND CATCH BASIN SUMPS WEEKLY AND WITHIN 24 HOURS AFTER A STORM EVENT. CLEAN AND REPAIR WHEN NECESSARY.
   - 2.6. DRAWING TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION.
   - 2.7. EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL STOCKPILES.
   - 2.8. DO NOT LOCATE TOPSOIL PILES AND EXCAVATION MATERIAL CLOSER THAN 2.5m FROM ANY PAVED SURFACE, OR ONE WHICH IS TO BE PAVED BEFORE THE PILE IS REMOVED. ALL TOPSOIL PILES ARE TO BE SEEDED IF THEY ARE TO REMAIN ON SITE LONG ENOUGH FOR SEEDS TO GROW (LONGER THAN 30 DAYS).
   - 2.9. CONTROL WIND-BLOWN DUST OFF SITE BY SEEDING TOPSOIL PILES AND OTHER AREAS TEMPORARILY (PROVIDE WATERING AS REQUIRED AND TO THE SATISFACTION OF THE ENGINEER).
   - 2.10. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE FIELD ENGINEER.
   - 2.11. CITY ROADWAY AND SIDEWALK TO BE CLEANED OF ALL SEDIMENT FROM VEHICULAR TRACKING AS REQUIRED.
   - 2.12. DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE ARE TO BE SCRAPED.
   - 2.13. ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.
   - 2.14. TAKE ALL NECESSARY STEPS TO PREVENT BUILDING MATERIAL, CONSTRUCTION DEBRIS OR WASTE BEING SPILLED OR TRACKED ONTO ABUTTING PROPERTIES OR PUBLIC STREETS DURING CONSTRUCTION AND PROCEED IMMEDIATELY TO CLEAN UP ANY AREAS SO AFFECTED.
   - 2.15. ALL EROSION CONTROL STRUCTURE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
   - 2.16. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

Notes: Watermain

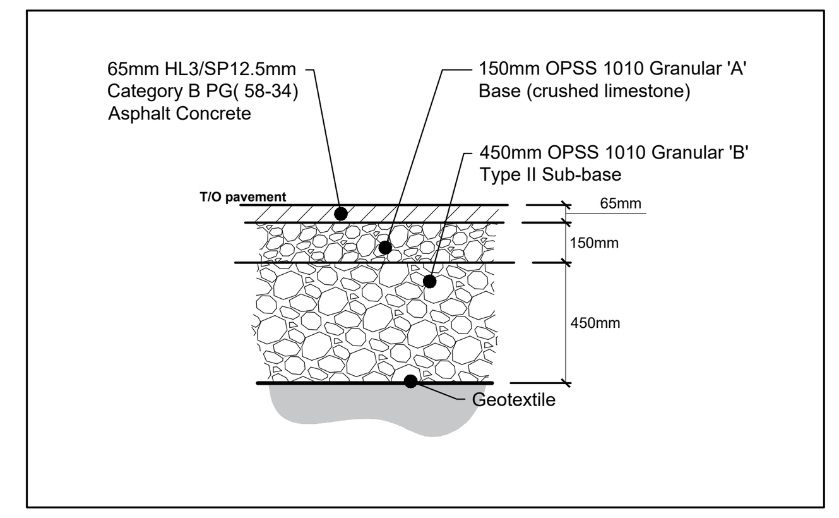
1. ALL WATERMAIN AND WATERMAIN APPURTANANCES, MATERIALS, CONSTRUCTION AND TESTING METHODS SHALL CONFORM TO THE CURRENT CITY OF OTTAWA AND MINISTRY OF ENVIRONMENT STANDARDS AND SPECIFICATIONS.
2. ALL WATERMAIN 300mm DIAMETER AND SMALLER TO BE POLY VINYL CHLORIDE (PVC) CLASS 150 DR 18 MEETING AWWA SPECIFICATION C900.
3. ALL WATERMAIN TO BE INSTALLED AT MINIMUM COVER OF 2.4m BELOW FINISHED GRADE. WHERE WATERMAINS CROSS OVER OTHER UTILITIES, A MINIMUM 0.30m CLEARANCE SHALL BE MAINTAINED; WHERE WATERMAINS CROSS UNDER OTHER UTILITIES, A MINIMUM 0.50m CLEARANCE SHALL BE MAINTAINED. WHERE THE MINIMUM SEPARATION CANNOT BE ACHIEVED, THE WATERMAIN SHALL BE INSTALLED AS PER CITY OF OTTAWA STANDARDS W25 AND W25.2. WHERE 2.4m MINIMUM DEPTH CANNOT BE ACHIEVED, THERMAL INSULATION SHALL BE PROVIDED AS PER CITY OF OTTAWA STANDARD W22. WHERE A WATERMAIN IS IN CLOSE PROXIMITY TO AN OPEN STRUCTURE, THERMAL INSULATION SHALL BE PROVIDED AS PER CITY OF OTTAWA STANDARD W23.
4. CONCRETE THRUST BLOCKS AND MECHANICAL RESTRAINTS ARE TO BE INSTALLED AT ALL TEES, BENDS, HYDRANTS, REDUCERS, ENDS OF MAINS AND CONNECTIONS 100mm AND LARGER, IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS W25.3 & W25.4.
5. CATHODIC PROTECTION REQUIRED FOR ALL IRON FITTINGS AS PER CITY OF OTTAWA STANDARD W40 & W42.
6. ALL VALVES AND VALVE BOXES AND CHAMBERS, HYDRANTS, AND HYDRANT VALVES AND ASSEMBLES SHALL BE INSTALLED AS PER CITY OF OTTAWA STANDARD
7. FIRE HYDRANT LOCATION AND INSTALLATION AS PER CITY OF OTTAWA STANDARD W18 & W19. CONTRACTOR TO PROVIDE FLOW TEST AND PAINTING OF NEW HYDRANT IN ACCORDANCE WITH CITY STANDARDS.
8. IF WATER MAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS LESS THAN HALF THAT RECOMMENDED BY THE MANUFACTURER.

Excess Soil And O.REG. 406/19

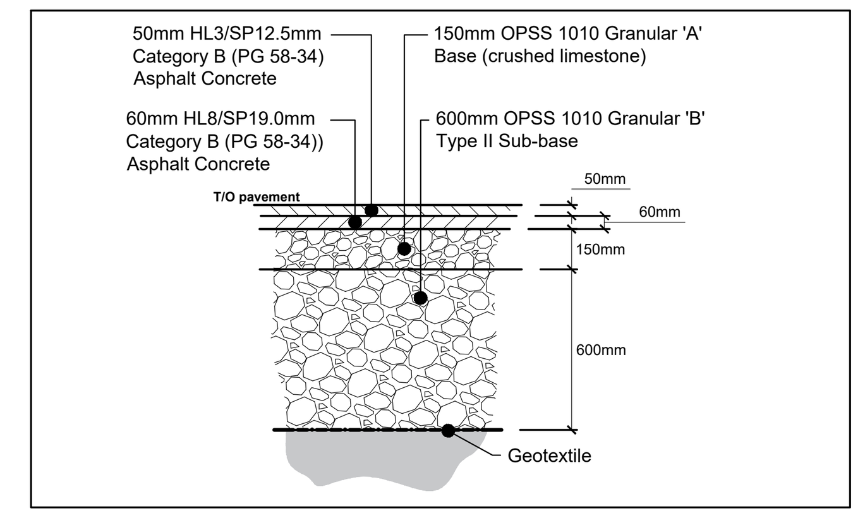
1. EXCAVATE AND REMOVE ALL ORGANIC MATERIAL AND DEBRIS LOCATED WITHIN THE PROPOSED BUILDING, FOUNDATION, PAVED AREAS, SUBDRAINS AND SERVICE TRENCHES. EXCESS MATERIAL REMOVAL FROM SITE SHALL FOLLOW THE GEOTECHNICAL AND ENVIRONMENTAL ENGINEER'S RECOMMENDATION.
2. CONTRACTOR TO STOCKPILE UN-USABLE FILL TO BE REMOVED FROM SITE TO ALLOW THE GEOTECHNICAL ENGINEER IN 10 DAYS TO INSPECT THE MATERIALS AND TO PROVIDE GUIDANCE TO CONTRACTOR PRIOR TO DISPOSAL. EROSION CONTROL MEASURE ARE TO BE APPLIED TO STOCKPILE AREA. EXCESS MATERIALS SHALL BE DISPOSED AS PER THE REQUIREMENTS OF OPSS 180.
3. IF CONTAMINATION HAZARDOUS MATERIAL IS SUSPECTED DURING CONSTRUCTION (E.G. STAINING, ODOURS, ETC.), THE CONTRACTOR MUST NOTIFY THE PROPERTY OWNER(S), PROJECT LEADER, PRIME CONSULTANT, AND GEOTECHNICAL ENGINEER, FOR DIRECTION ON HOW TO PROCEED ACCORDING TO FEDERAL AND PROVINCIAL LEGISLATION. THE GEOTECHNICAL ENGINEER UNDER THE GUIDANCE OF A QUALIFIED PERSON, MUST DETERMINE IF ADDITIONAL SAMPLING (INCLUDING LEACHATE TESTING) IS REQUIRED TO MEET THE MINIMUM SAMPLING PROVISIONS UNDER O.REG. 406/19 (AS AMENDED).
4. EXCESS SOIL MANAGEMENT, TESTING AND DISPOSAL MUST COMPLY WITH O.REG. 406/19.
5. ALL SOIL HAULAGE RECORDS SHALL BE KEPT AND PROVIDED BY THE CONTRACTOR AND SUBMITTED TO THE CONSULTANT .
6. ALL EXCESS MATERIAL TO BE HAULED OFFSITE AND DISPOSED AT AN APPROVED DUMP SITE BY CONTRACTOR .

Parking Lot and Work in Public Rights of Way

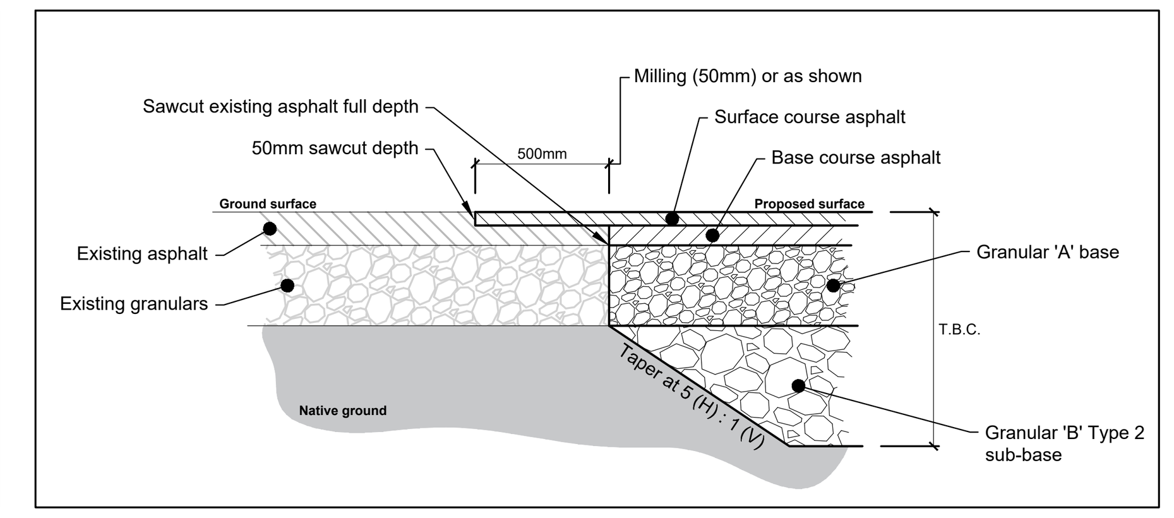
1. CONTRACTOR TO REINSTATE ROAD CUTS AS PER CITY OF OTTAWA DETAIL R10.
2. CONTRACTOR TO PREPARE SUBGRADE, INCLUDING PROOFROLLING, TO THE SATISFACTION OF THE GEOTECHNICAL CONSULTANT PRIOR TO THE COMMENCEMENT OF PLACEMENT OF GRANULAR B MATERIAL.
3. FILL TO BE PLACED AND COMPACTED PER THE GEOTECHNICAL REPORT REQUIREMENTS.
4. CONTRACTOR TO SUPPLY, PLACE AND COMPACT GRANULAR B MATERIAL IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL CONSULTANT. CONTRACTOR TO PROVIDE CONSULTANT WITH SAMPLES OF GRANULAR B MATERIAL FOR TESTING AND CERTIFICATION FROM THE GEOTECHNICAL CONSULTANT THAT THE MATERIAL MEETS THE GRADATION REQUIREMENTS SPECIFIED IN THE GEOTECHNICAL REPORT.
5. GRANULAR A MATERIAL TO BE PLACED ONLY UPON APPROVAL BY THE GEOTECHNICAL CONSULTANT OF GRANULAR B PLACEMENT.
6. CONTRACTOR TO SUPPLY, PLACE AND COMPACT GRANULAR A MATERIAL IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL CONSULTANT. CONTRACTOR TO PROVIDE CONSULTANT WITH SAMPLES OF GRANULAR A MATERIAL FOR TESTING AND CERTIFICATION FROM THE GEOTECHNICAL CONSULTANT THAT THE MATERIAL MEETS THE GRADATION REQUIREMENTS SPECIFIED IN THE GEOTECHNICAL REPORT.
7. ASPHALT MATERIAL TO BE PLACED ONLY UPON APPROVAL BY THE GEOTECHNICAL CONSULTANT OF GRANULAR A PLACEMENT.
8. CONTRACTOR TO SUPPLY, PLACE AND COMPACT ASPHALT MATERIAL IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL CONSULTANT. CONTRACTOR TO PROVIDE CONSULTANT WITH SAMPLES OF ASPHALT MATERIAL FOR TESTING AND CERTIFICATION FROM THE GEOTECHNICAL CONSULTANT THAT THE MATERIAL MEETS THE REQUIREMENTS SPECIFIED IN THE GEOTECHNICAL REPORT.
9. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING LINE AND GRADE IN ACCORDANCE WITH THE PLANS, AND FOR PROVIDING THE CONSULTANT WITH VERIFICATION PRIOR TO PLACEMENT.
10. ALL EXCESS MATERIAL TO BE HAULED OFFSITE AND DISPOSED OF AT AN APPROVED DUMP SITE. SHOULD THE CONTRACTOR DISCOVER ANY HAZARDOUS MATERIAL, CONTRACTOR IS TO NOTIFY CONSULTANT. CONSULTANT TO DETERMINE APPROPRIATE DISPOSAL METHOD/LOCATION.
11. PAVEMENT STRUCTURE (MATERIAL TYPES AND THICKNESS) FOR HEAVY DUTY AND LIGHT DUTY AREAS TO BE AS SPECIFIED IN THE GEOTECHNICAL REPORT AND SHOWN ON THE PLANS.



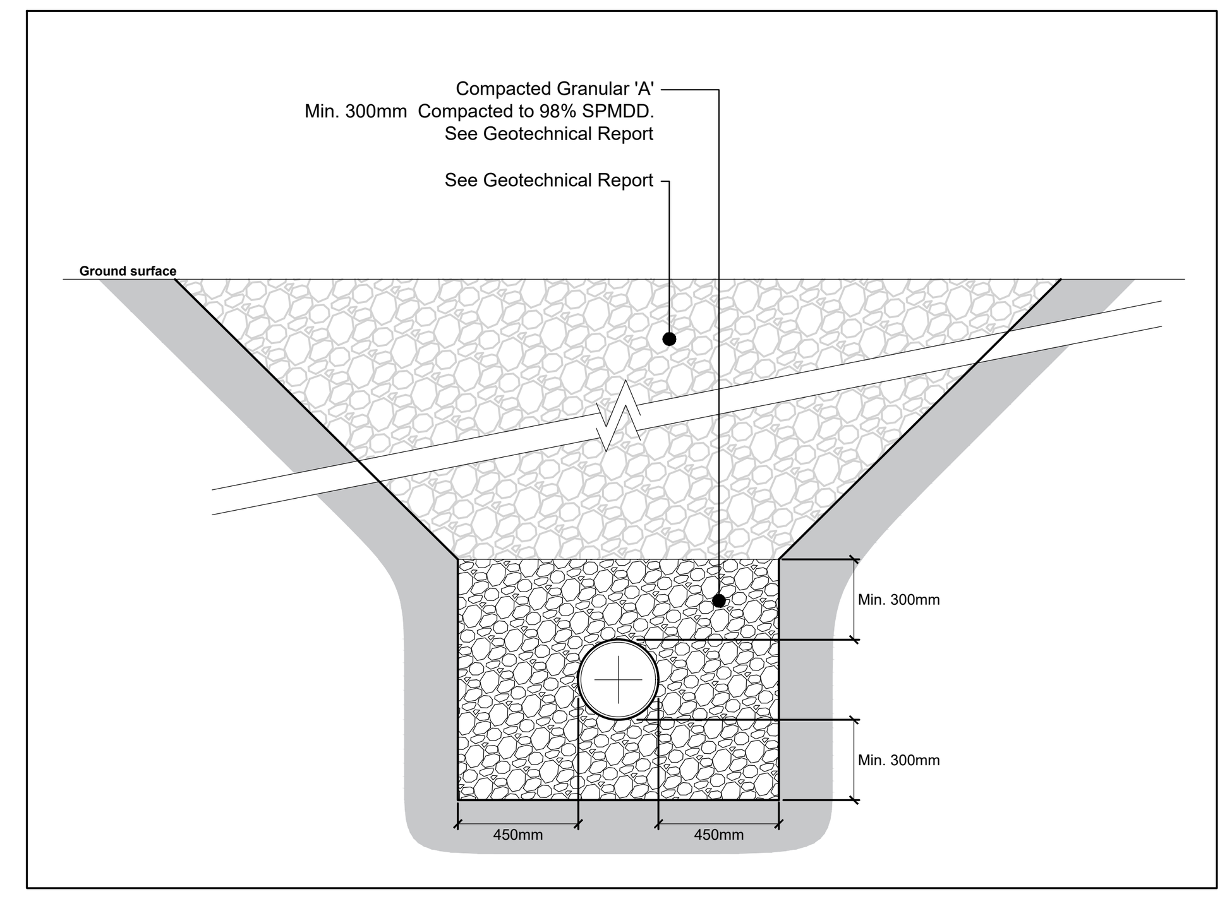
1 / C3 **Pavement Structure for Light Duty Traffic**
Scale: **As shown**



2 / C3 **Pavement Structure for Heavy Duty Traffic**
Scale: **As shown**



3 / C3 **Key Joint Detail**
Scale: **As shown**



4 / C3 **Standard Trench Detail**
Scale: **As shown**

CROSSING TABLE

LOCATION	OVER / UNDER	T/G	OBVERT	INVERT	CLEARANCE (m)
1	NEW SANITARY / NEW STORM	105.90	104.38 (STM)	104.68 (STM)	0.30
2	NEW SANITARY / NEW WATERMAIN	106.17	103.77 (WM)	104.75 (SAN)	0.98
3	NEW WATER MAIN / EXISTING SANITARY	106.60	103.47 (SAN)	104.05 (WM)	0.58
4	NEW WATER MAIN / EXISTING STORM	106.57	104.23 (STM)	104.58 (WM)	0.35
5	NEW WATER MAIN / EXISTING STORM	106.63	104.84 (STM)	105.14 (WM)	0.30
6	EXISTING STORM / NEW WATER MAIN	106.05	103.80 (WM)	105.03 (STM)	1.23
7	EXISTING STORM / NEW WATER MAIN	105.91	103.65 (WM)	104.98 (STM)	1.33
8	NEW WATER / EXISTING WATER	106.14	103.74 (WM)	104.04 (WAT)	0.30

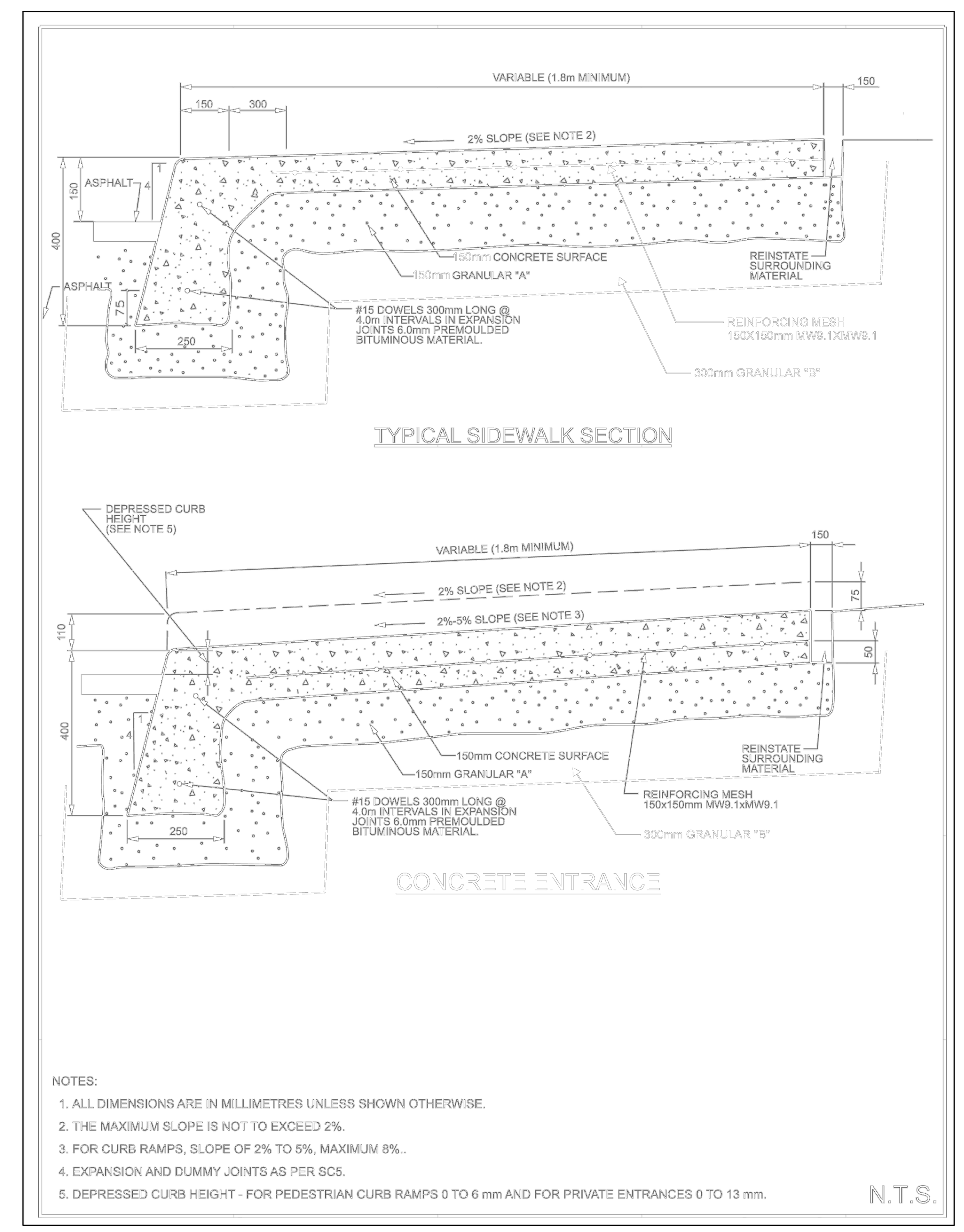
WATER SERVICE TABLE

ID	DESCRIPTION	FINISHED GRADE (m)	T/O WATERMAIN (m)
1	TEE 300X150mm C/W CONCRETE THRUST BLOCK	106.560	104.160
2	11.25° HORIZONTAL BEND C/W CONCRETE THRUST BLOCK	107.08	104.68
3	TEE 150X150mm C/W CONCRETE THRUST BLOCK	107.02	104.62
4	FIRE HYDRANT 01	105.93	103.53
5	22.5° HORIZONTAL BEND C/W CONCRETE THRUST BLOCK	106.22	103.82
6	11.25° HORIZONTAL BEND C/W CONCRETE THRUST BLOCK	106.18	103.78
7	45° HORIZONTAL BEND C/W CONCRETE THRUST BLOCK	105.83	103.43
8	45° HORIZONTAL BEND C/W CONCRETE THRUST BLOCK	105.89	103.49
9	BUILDING CONNECTION	106.16	103.76
10	FIRE HYDRANT 02	105.92	103.52
11	TEE 150X150mm C/W CONCRETE THRUST BLOCK	105.89	103.49

NOTE: PROVIDE MINIMUM 2.4m COVER OVER T/O WATERMAIN TO FINISHED GRADE, OTHERWISE PROVIDE THERMAL INSULATION HL40 AS PER CITY OF OTTAWA DETAIL W22

NEW STRUCTURE SCHEDULE

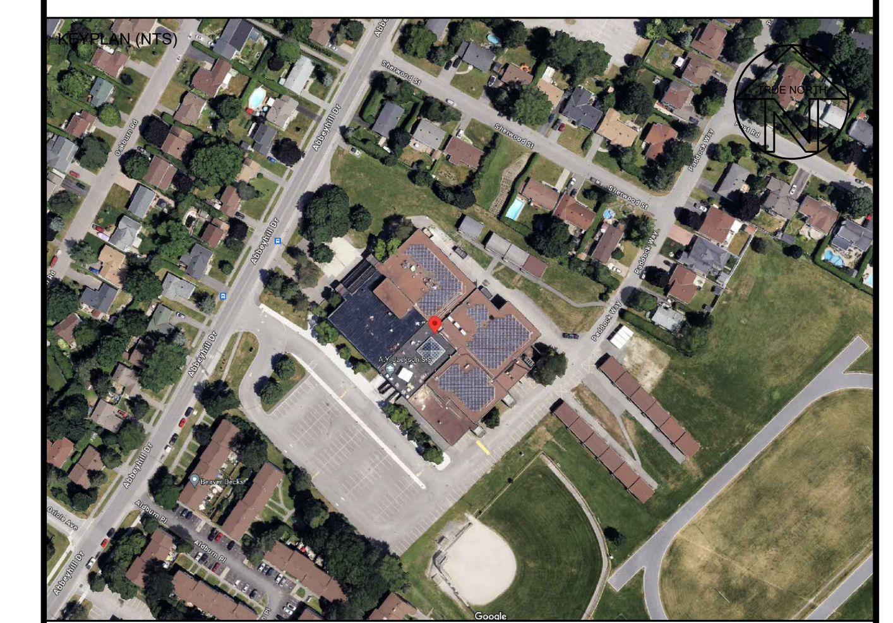
MANHOLE NO.	DESCRIPTION	T/GRATE ELEVATION	INVERT ELEVATION / PIPE DIAMETER
CB-1	600x600mm Catchbasin	105.15	SE INV.: 103.81 - 250mmØ
CB-2	600x600mm Catchbasin	105.75	SE INV.: 104.10 - 300mmØ
CBMH-1	1,800mmØ Manhole	105.10	NE INV.: 103.44 - 450mmØ NW INV.: 103.64 - 250mmØ W INV.: 103.36 - 525mmØ
CBMH-2	1,200mmØ Manhole	105.30	SE INV.: 103.59 - 375mmØ NE INV.: 103.82 - 200mmØ
CBMH-3	1,200mmØ Manhole	105.60	NE INV.: 103.78 - 375mmØ NW INV.: 104.47 - 100mmØ SW INV.: 103.75 - 375mmØ
CBMH-4	1,200mmØ Manhole	105.55	NW INV.: 103.99 - 300mmØ SW INV.: 103.90 - 375mmØ
SAMH-1	1,200mmØ Manhole	106.13	S INV.: 104.51 - 200mmØ N INV.: 104.12 - 200mmØ
STMH-1	1,200mmØ Manhole	105.55	NE INV.: 103.60 - 375mmØ NW INV.: 103.64 - 375mmØ SW INV.: 103.52 - 450mmØ
STMH-2	1,500mmØ Manhole	105.36	E INV.: 103.33 - 525mmØ SW INV.: 103.52 - 450mmØ NW INV.: 103.33 - 600mmØ
STMH-3	1,200mmØ Manhole	105.32	SW INV.: 102.99 - 375mmØ SE INV.: 103.33 - 450mmØ



5 / C3 **Concrete Entrance Detail**
Scale: **As shown**

CLIENT LOGO

OTTAWA-CARLETON DISTRICT SCHOOL BOARD



DISCLAIMER NOTES

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3	2025-04-03	ZB/AS	ISSUED FOR SITE PLAN CONTROL
2	2024-12-17	ZB/AS	ISSUED FOR BUILDING PERMIT
1	2024-11-21	ZB/AS	ISSUED FOR PHASE 3 PRECONSULT

STAMP

STAMP

PROJECT

AY JACKSON SECONDARY SCHOOL ADDITION

150 ABBEYHILL DRIVE,
KANATA ON,
K2L 1H7

DRAWING

DETAILS AND NOTES

Jp2g Consultants Inc.
ENGINEERS · PLANNERS · PROJECT MANAGERS

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T: 613-626-0780
ARNPRIOR@JP2G.COM

Jp2g PROJECT No.: 24-5053A

NORTH

CLIENT No.:
DRAFTED: ZB
DESIGNED: ZB
REVIEWED: AS
APPROVED: AS

SCALE: SCALE AS SHOWN

SHEET #: **C3**

D07-12-25-0062

PLAN #19318

DWG NAME: J:\5-CIVIL\2024\24-5053A - CUHACI - AY JACKSON ADDITION\05 DRAWINGS\1 ONGOING\24-5053A AY JACKSON ISSUED FOR SITE PLAN CONTROL R2 JULY 31 2025.DWG LAYOUT: C3 DETAILS SAVED ON 2025-07-30

LEGEND

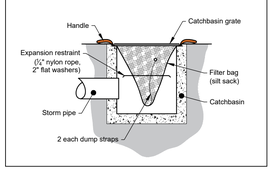
- PROPERTY LINE
- EXISTING WATERMAIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING FIRE HYDRANT
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- NEW BUILDING
- NEW FOUNDATION DRAIN
- NEW WATERMAIN
- NEW FIRE HYDRANT
- NEW WATER VALVE
- NEW SANITARY SEWER
- NEW SANITARY MANHOLE
- NEW STORM SEWER
- NEW STORM MANHOLE
- NEW CATCH BASIN
- NEW INLET CONTROL DEVICE
- RD NEW ROOF DRAIN
- SC NEW SCUPPER AT 150mm ABOVE ROOF DRAIN LEVEL
- NEW CONCRETE SIDEWALK
- NEW HEAVY DUTY ASPHALT
- NEW LIGHT DUTY ASPHALT
- NEW GRASS
- TOP OF BANK
- LIMIT OF FILL
- DEPRESSED CURB (DCC)
- CONCRETE BARRIER CURB (NCC)
- NEW TREE, REFER TO LANDSCAPE
- PROPOSED OVERLAND FLOW ROUTE
- SILT FENCE IN ACCORDANCE WITH OPSD 219.130

DRAWING NOTES

01 INSTALL SILT FENCE IN ACCORDANCE WITH OPSD 219.13 PRIOR TO START OF CONSTRUCTION. SILT FENCE TO BE REMOVED UPON CONSTRUCTION COMPLETION.

02 INSTALL FILTER SOCK OR FILTER BASE IN ACCORDANCE WITH DETAIL 1/C4 PRIOR TO START OF CONSTRUCTION. FILTER SOCK OF FILTER BASE TO BE REMOVED AT END OF CONSTRUCTION

03 PROPOSED MUD MAT LOCATION DURING CONSTRUCTION



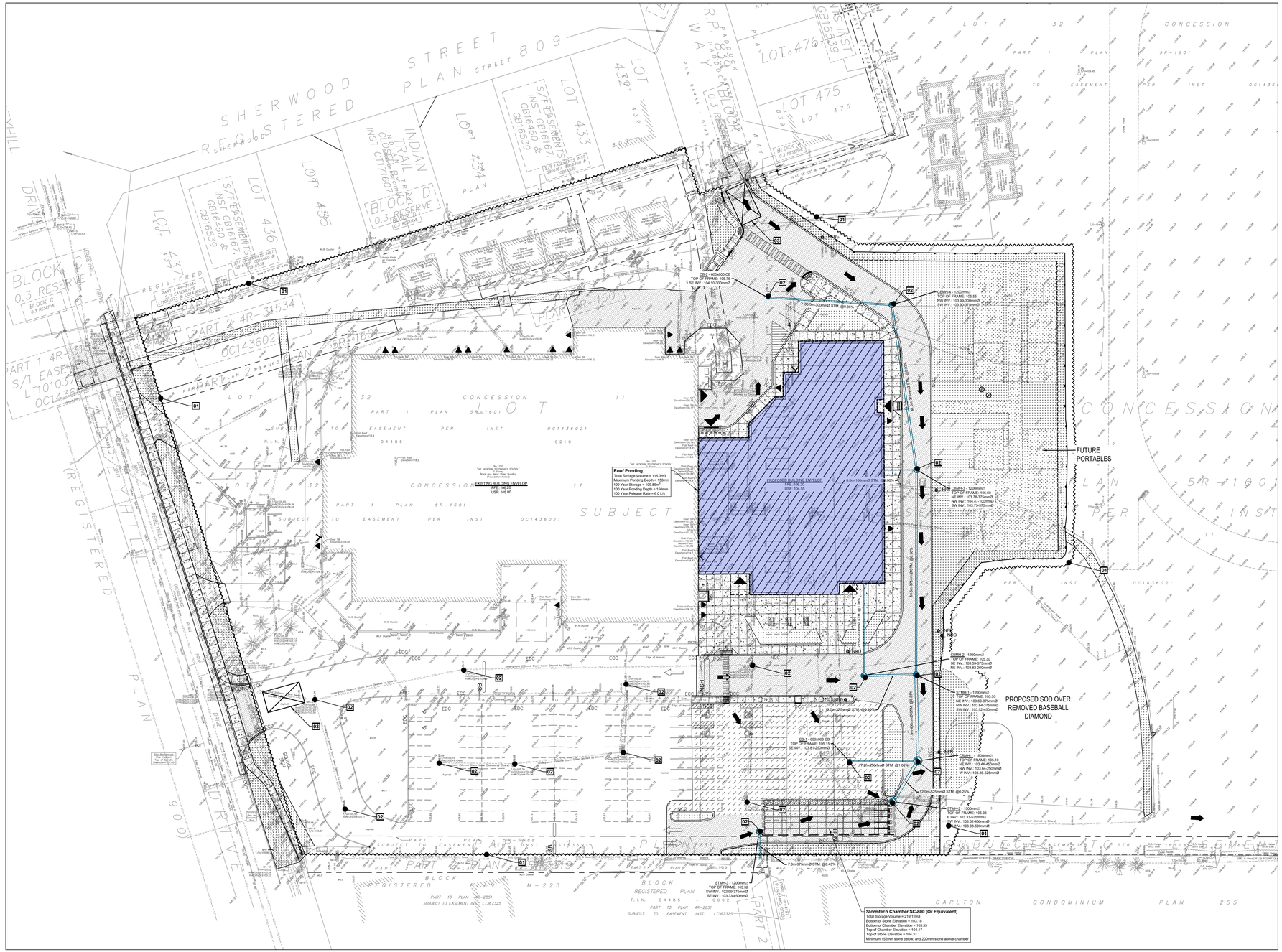
1 C4 **Catchbasin Filter Bag / Insert**
Scale: **Not to scale**

GENERAL NOTES

1. DESIGN AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH MOST RECENT ONTARIO BUILDING CODE.
2. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS WITH RESPECT TO SITE CONDITIONS AND ALL MATERIALS TO THE PROJECT. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT.
4. ADDITIONAL DRAWINGS MAY BE ISSUED FOR CLARIFICATION TO ASSIST PROPER EXECUTION OF WORK. SUCH DRAWINGS WILL HAVE THE SAME MEANING AND INTENT AS IF THEY WERE INCLUDED WITH THE CONTRACT DOCUMENTS.
5. CONTRACTOR MUST COMPLY WITH LOCAL BY-LAWS, ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND ALL REGULATIONS SET BY AUTHORITIES HAVING JURISDICTION. IN CASE OF CONFLICT OR DISCREPANCY, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
6. CONTRACTOR RESPONSIBLE FOR OBTAINING ALL REQUIRED UTILITY LOCATES, DAYLIGHTING, INSPECTIONS, PERMITS, AND APPROVALS, INCLUDING ALL ASSOCIATED COSTS. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE ONLY AND BASED ON BEST AVAILABLE INFORMATION.
7. ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO GEODETIC DATUM CGVD-1928:1978. (MONUMENT NO. 19770882). BEARINGS ARE DERIVED FROM THE CAN-NET REAL TIME NETWORK AND ARE REFERRED TO THE CENTRAL MERIDIAN OF MTM ZONE 9 (76°30' WEST LONGITUDE) NAD-83 ORIGINAL. REFER TO TOPOGRAPHIC SURVEY COMPLETE BY FARLEY SMITH AND DENIS SURVEYING LTD FILE NO. 110-24

EROSION AND SEDIMENT CONTROL NOTES

1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATER COURSE, DURING CONSTRUCTION ACTIVITIES; THIS INCLUDES LIMITING THE AMOUNT OF EXPOSED SOIL, INSTALLING SILT FENCES AND OTHER EFFECTIVE SEDIMENT TRAPS, AND INSTALLING AND MAINTAINING MUD MATS FOR OUTGOING CONSTRUCTION TRAFFIC DURING CONSTRUCTION ACTIVITIES.
2. PREVENT SOIL LOSS DURING CONSTRUCTION (BY STORM WATER RUNOFF OR WIND EROSION).
3. PROTECT TOPSOIL BY STOCKPILING FOR REUSE.
4. PREVENT SEDIMENTATION OF STORM SEWERS AND RECEIVING STREAMS.
5. PREVENT AIR POLLUTION FROM DUST AND PARTICULATE MATTER.
6. ALL STORM MANHOLES AND CATCHBASIN MANHOLES TO HAVE 300mm SUMPS; ALL CATCHBASINS TO HAVE 600mm SUMPS.
7. INSTALL FILTER BAG INSERT IN ALL STORM MANHOLES AND CATCH BASINS IMPACTED DURING CONSTRUCTION, INCLUDING CATCH BASINS IN THE RIGHT OF WAY.
8. SEDIMENT AND EROSION CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA INSPECTOR OR CONSERVATION AUTHORITY.
9. STORM WATER PUMPED INTO CITY SERVICE SHALL FLOW THROUGH A FILTER SOCK.
10. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENTATION CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
11. THE ESC PLAN IS A LIVING DOCUMENT AND MEASURES TO PROTECT THE SITE SHOULD BE CONSIDERED IF THE SITE CONDITIONS CHANGE FROM THE PLAN EITHER BEFORE OR DURING CONSTRUCTION.
12. THE CONTRACTOR SHOULD HAVE MATERIAL ON-SITE TO ALLOW FOR ADJUSTMENT TO THE ESC MEASURES INSTALLED ON-SITE OR TO FIX ANY MEASURES.
13. INSPECTION OF MEASURES SHOULD BE UNDERTAKEN BY THE CONTRACTOR AND OCCUR WEEKLY AND IMMEDIATELY FOLLOWING STORM EVENTS. REPAIRS SHOULD BE UNDERTAKEN WITHIN A DAY, AND ALL INSPECTIONS AND REPAIRS SHOULD BE RECORDED.



CLIENT LOGO

OTTAWA-CARLETON DISTRICT SCHOOL BOARD

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2	2024-12-17	ZB/AS	ISSUED FOR BUILDING PERMIT
1	2024-11-21	ZB/AS	ISSUED FOR PHASE 3 PRECONSULT

STAMP

PROFESSIONAL ENGINEER
SAMMOUR
100227665
July 31, 2025
PROVINCE OF ONTARIO

STAMP

PROJECT

AY JACKSON SECONDARY SCHOOL ADDITION

150 ABBEYHILL DRIVE,
KANATA ON,
K2L 1H7

DRAWING

STORMWATER MANAGEMENT, EROSION AND SEDIMENT CONTROL PLAN

Jp2g Consultants Inc.
ENGINEERS · PLANNERS · PROJECT MANAGERS

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Jp2g PROJECT No.: 24-5053A

NORTH

TRUE NORTH

SCALE 1:500
0 m 5 10 15 20 25 m

CLIENT No.:	
DRAFTED:	ZB
DESIGNED:	ZB
REVIEWED:	AS
APPROVED:	AS

SHEET # **C4**

PLAN #19318

D07-12-25-0062

DWG NAME: J:\5-CIVIL\2053A-5053A - C\1-ACU - AY JACKSON ADDITIONS\DRAWINGS\1 ONGOING\2A-5053A AY JACKSON ISSUED FOR SITE PLAN CONTROL R2 JULY 31 2025.DWG | LAYOUT: C4 SWM AND ESC PLAN SAVED ON: 2025-07-29

LEGEND

ID | 5YR / 100YR | 0.00 ha

DRAINAGE AREA LIMIT

EXISTING SURFACE DRAINAGE / OVERLAND FLOW ROUTE

CLIENT LOGO

OTTAWA-CARLETON DISTRICT SCHOOL BOARD

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STAMP

STAMP

PROJECT

AY JACKSON SECONDARY SCHOOL ADDITION

150 ABBEYHILL DRIVE,
KANATA ON,
K2L 1H7

DRAWING

PREDEVELOPMENT DRAINAGE PLAN

Jp2g Consultants Inc.
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T: 613-626-0780
ARNPRIOR@JP2G.COM

Jp2g PROJECT No.: 24-5053A

NORTH

CLIENT No.:

DRAFTED: ZB

DESIGNED: ZB

REVIEWED: AS

APPROVED: AS

SCALE 1:500

0 m 5 10 15 20 25 m

SHEET # **Fig. 1**

D07-12-25-0062

PLAN #19318

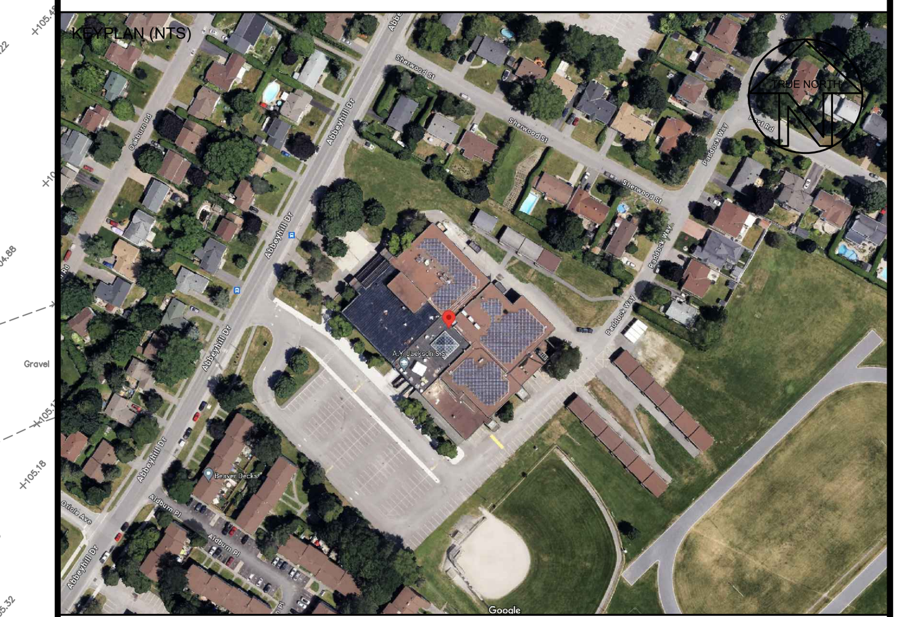
DWG NAME: J:\CIVIL\2024\24-5053A - CJ HAC\ - AY JACKSON ADDITION\DRAWINGS\1 ONGOING\24-5053A AY JACKSON ISSUED FOR SITE PLAN CONTROL R2 JULY 31 2025.DWG LAYOUT: FIG 1 PRE-DEVELOPMENT SAVED ON 2025-07-31

LEGEND

Symbol	Description
ID / 5YR / 100YR / 0.00 ha	
- - - -	DRAINAGE AREA LIMIT
//////	NEW BUILDING
	NEW CONCRETE SIDEWALK
	NEW ASPHALT
	NEW GRASS
➡	POST DEVELOPMENT OVERLAND FLOW PATH

CLIENT LOGO

OTTAWA-CARLETON DISTRICT SCHOOL BOARD



DISCLAIMER NOTES

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ISSUES/PROBLEMS WHICH MAY OCCUR AS A RESULT OF A FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY.
2. WHERE THERE ARE ALLEGED ERRORS, OMISSIONS, INCONSISTENCIES OR AMBIGUITIES PRESENT IN THE CONTRACT DOCUMENTS, THE CONTRACTOR MUST SEEK CLARIFICATION FROM JP2G. ANY COSTS OR SCHEDULE DELAYS WHICH RESULT AS A FAILURE TO CONTACT JP2G FOR DIRECTION SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
3. DO NOT SCALE DRAWINGS. REFER ANY DIMENSIONAL CLARIFICATIONS AND/OR POSSIBLE TRADE INTERFERENCE/CONFLICTS TO JP2G FOR CLARIFICATION PRIOR TO COMMENCEMENT OF THE WORK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION WITH SUBTRADES AND SHALL ADDRESS CONSTRUCTION TEAM COORDINATION ITEMS PRIOR TO ISSUING REQUESTS FOR INFORMATION FROM JP2G.
5. THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM THEMSELVES OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	YYYY-MM-DD	BY	DESCRIPTION
6	2025-07-31	ZB/AS	ISSUED FOR SITE PLAN CONTROL R2
5	2025-06-12	ZB/AS	ISSUED FOR TENDER
4	2025-06-09	ZB/AS	ISSUED FOR SITE PLAN CONTROL R1
3	2025-04-03	ZB/AS	ISSUED FOR SITE PLAN CONTROL
2	2024-12-17	ZB/AS	ISSUED FOR BUILDING PERMIT
1	2024-11-21	ZB/AS	ISSUED FOR PHASE 3 PRECONSULT

STAMP

LICENSED PROFESSIONAL ENGINEER
SAMMOUR
100227665
July 31, 2025
PROVINCE OF ONTARIO

STAMP

PROJECT

AY JACKSON SECONDARY SCHOOL ADDITION

150 ABBEYHILL DRIVE,
KANATA ON,
K2L 1H7

DRAWING

POST DEVELOPMENT DRAINAGE PLAN

Jp2g Consultants Inc.
ENGINEERS · PLANNERS · PROJECT MANAGERS

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ARNPRIOR@JP2G.COM

Jp2g PROJECT No.: 24-5053A

NORTH

TRUE NORTH

CLIENT No.:
DRAFTED: ZB
DESIGNED: ZB
REVIEWED: AS
APPROVED: AS

SCALE

1:500

0 m 5 10 15 20 25 m

SHEET #

Fig. 2

D07-12-25-0062

PLAN #19318

LEGEND

45m RADIUS - FIRE HYDRANT COVERAGE

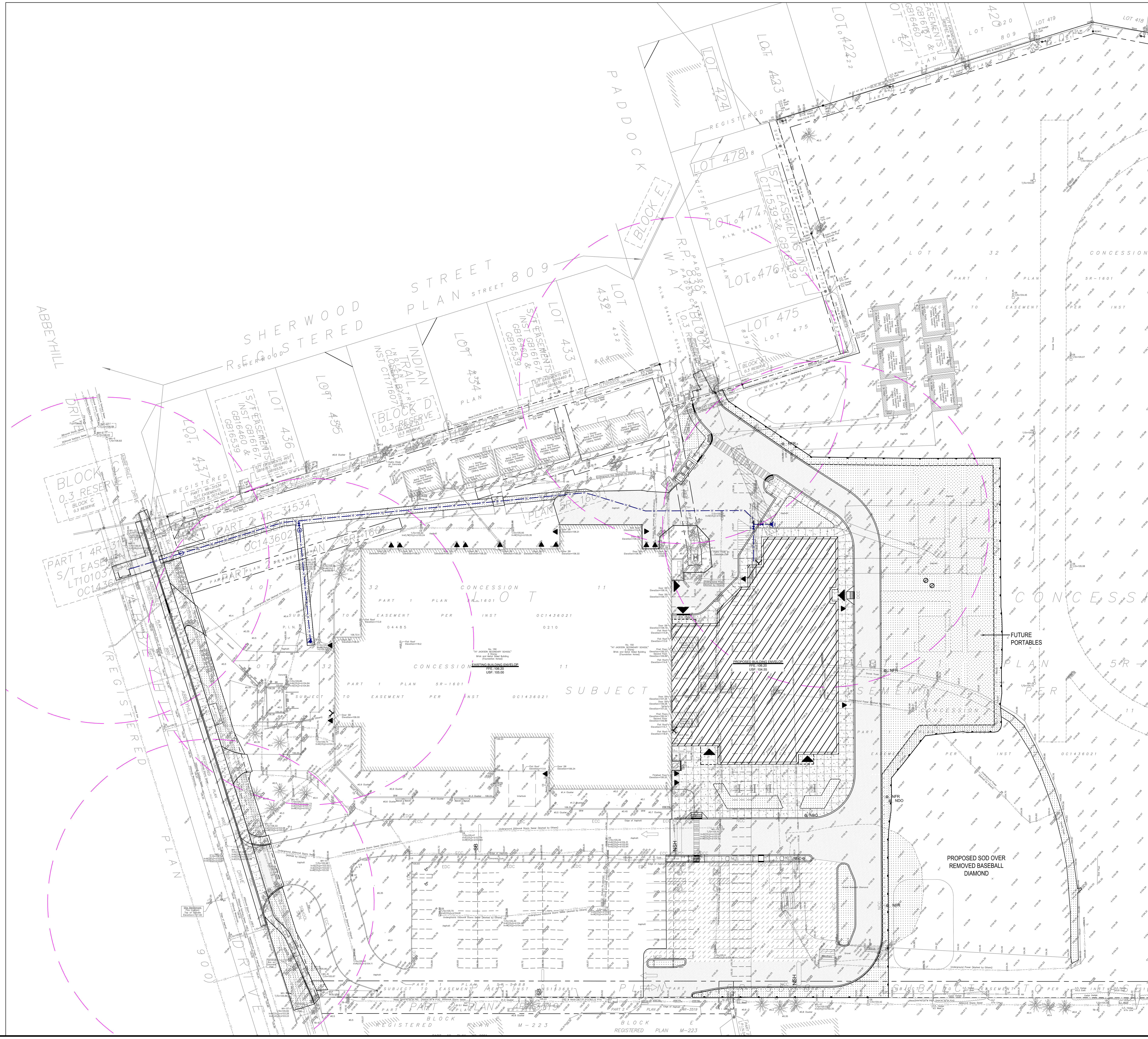
EXISTING WATERMAIN

EXISTING FIRE HYDRANT

NEW WATERMAIN

NEW FIRE HYDRANT

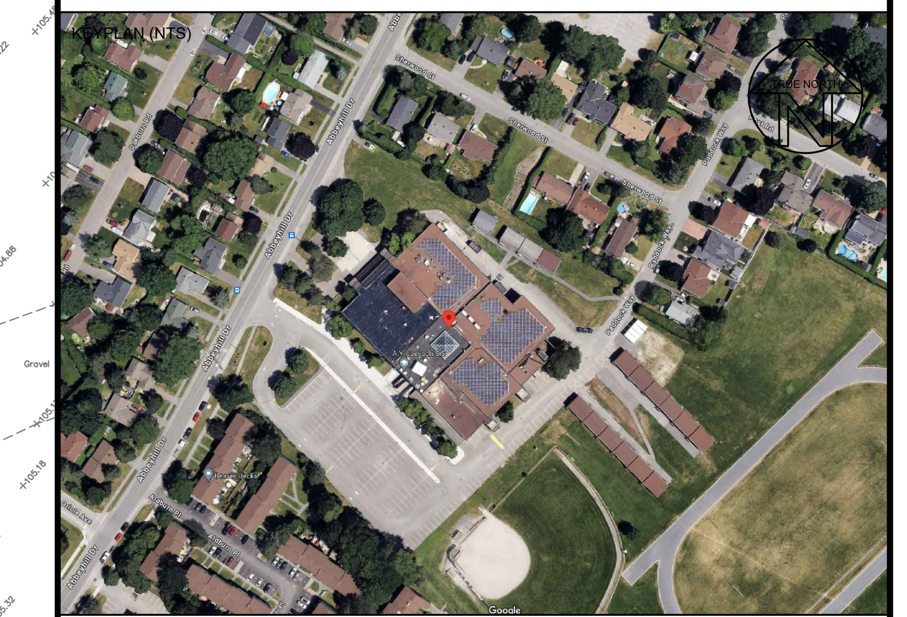
NEW WATER VALVE



CLIENT LOGO

OTTAWA-CARLETON DISTRICT SCHOOL BOARD

KEY PLAN (NTS)



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APPROVED: AS

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0 m 5 10 15 20 25 m

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Fig. 3

D07-12-25-0062

PLAN #19318