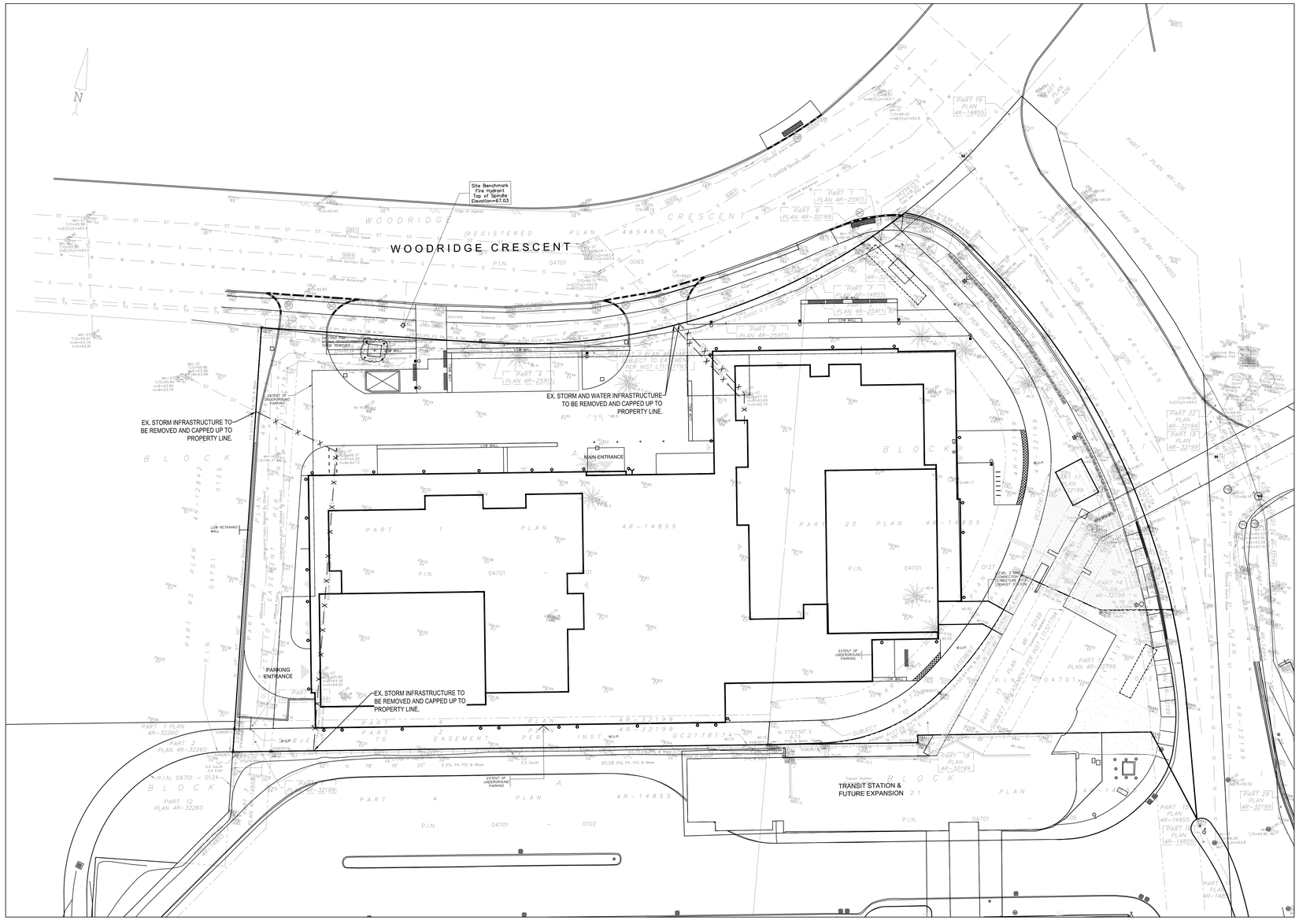

1
C001

UTILITY REMOVAL PLAN

SCALE= 1:250

0 5m 10m 20m 25m
SCALE: 1:250

LEGEND

66.50	PROPOSED GRADE ELEVATION
66.50TC 66.35	PROPOSED TOP AND BOTTOM OF CURB
○ STMH	PROPOSED STORM SEWER MANHOLE
○ SAMH	PROPOSED SANITARY SEWER MANHOLE
CBMH	PROPOSED CATCHBASIN MANHOLE
☐ CB	PROPOSED CATCHBASIN
— STM —	PROPOSED STORM SEWER
— SAN —	PROPOSED SANITARY SEWER
— W —	PROPOSED WATER SERVICE LINE
⊗	PROPOSED VALVE BOX
▽	PROPOSED REDUCER
FH	PROPOSED FIRE HYDRANT
DC	PROPOSED DEPRESSED CURB
— X —	SERVICES TO BE REMOVED
×65.96	EXISTING GRADE ELEVATION
⊗ MH	EXISTING MANHOLE
CB	EXISTING CATCHBASIN
VB	EXISTING VALVE & BOX
FH	EXISTING FIRE HYDRANT
— STM —	EXISTING STORM SEWER
— SAN —	EXISTING SANITARY SEWER
— W —	EXISTING WATERMAIN
— G —	EXISTING GASMAIIN
— TV —	EXISTING CABLE
— P —	EXISTING HYDRO
▬ ▬ ▬	DRAINAGE AREA BOUNDARY
1 CONTROLLED A(ah) C	DRAINAGE AREA

KingSett
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no.	date	revision
3	2021-12-17	ISSUED FOR SPA REVISION 3
2	2021-09-17	ISSUED FOR SPA REVISION 2
1	2021-07-23	ISSUED FOR SPA REVISION 1

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PROJECT/LOCATION:

100 BAYSHORE LOT "B"
WOODRIDGE CRESCENT

DRAWING TITLE:

CIVIL REMOVAL PLAN

DRAWN BY:	DATE:	SCALE:
B.N. / S.M.	DEC 17, 2021	AS NOTED

LICENSED PROFESSIONAL ENGINEER
S.A.G. McCAUGHEY
100217133
2022-01-05
PROVINCE OF ONTARIO

PROJECT:
211-02810-00

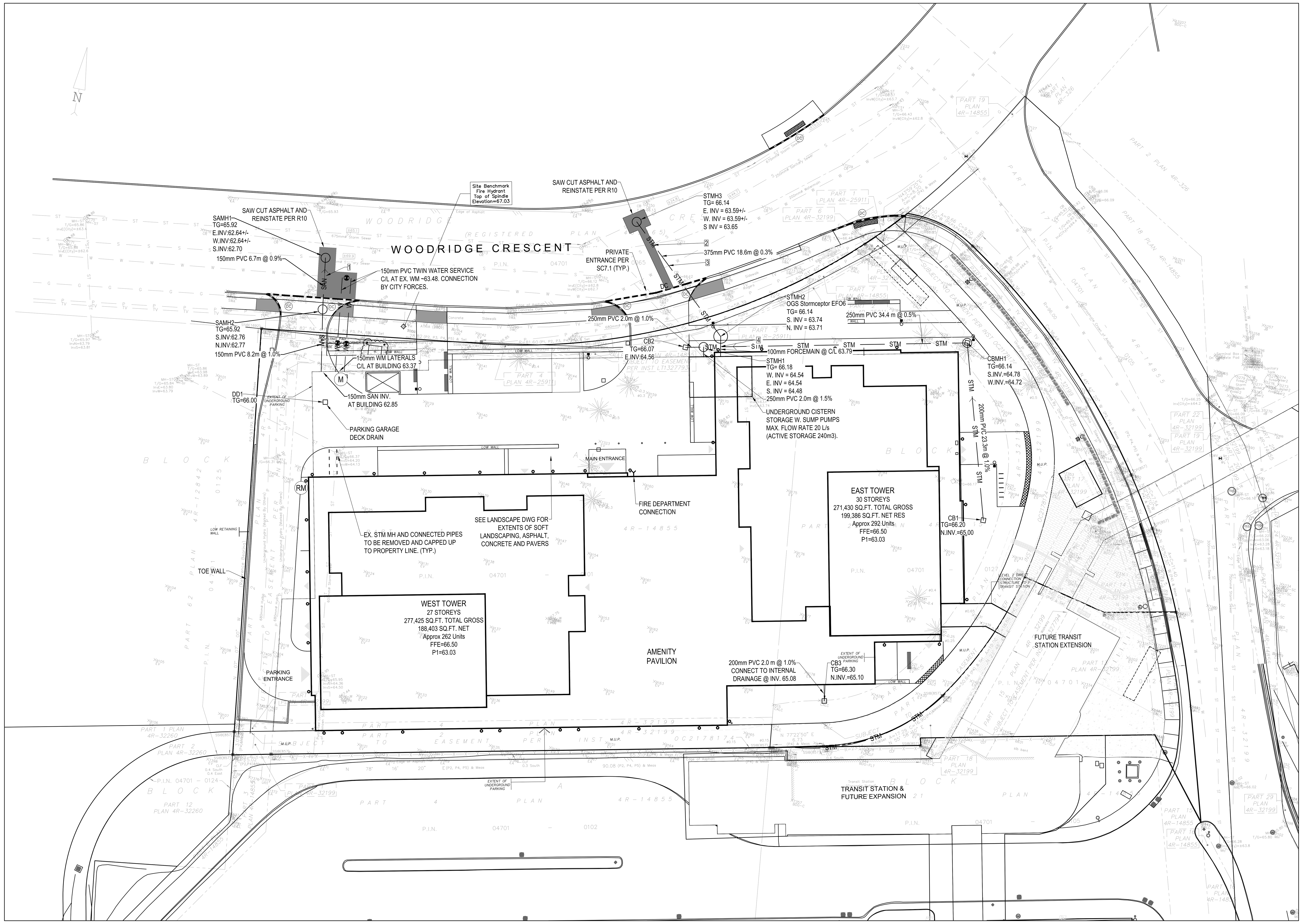
DRAWING NO.:
C001

REVISION NO.:

D07-12-21-0057

CITY PLAN NO. 18477

None
None



1 / C002 SERVICING PLAN

SCALE= 1:250

0 5m 10m 20m 25m

SCALE: 1:250

LEGEND

- PROPOSED GRADE ELEVATION (66.50)
- PROPOSED TOP AND BOTTOM OF CURB (66.50TC / 66.35)
- STMH — PROPOSED STORM SEWER MANHOLE
- SAMH — PROPOSED SANITARY SEWER MANHOLE
- CBMH — PROPOSED CATCHBASIN MANHOLE
- CB — PROPOSED CATCHBASIN
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- W — EXISTING WATERMAIN
- G — EXISTING GASMAIIN
- TV — EXISTING CABLE
- P — EXISTING HYDRO
- DRAINAGE AREA BOUNDARY
- 1 CONTROLLED A(ah) C — DRAINAGE AREA

NOTES: STORM SEWERS AND STRUCTURES

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 450mm DIAMETER AND SMALLER SHALL BE PVC SDR-35, WITH RUBBER GASKET PER CSA A-257.3.
3. STORM SEWER LARGER THAN 450mm SHALL BE REINFORCED CONCRETE CLASS 100.
4. SEWER BEDDING AS PER CITY OF OTTAWA DETAIL S6.
5. ALL STORM MANHOLES TO BE AS PER STORM STRUCTURE TABLE.
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. ALL CATCHBASIN LEADS TO BE MINIMUM 200mm DIAMETER AT MINIMUM 1.0% SLOPE UNLESS OTHERWISE SPECIFIED.
8. 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. REAR YARD CATCHBASINS PER S30 AND S31.
9. INSTALLATION OF FLOW CONTROL ICD'S TO BE VERIFIED BY QUALITY VERIFICATION ENGINEER RETAINED BY CONTRACTOR.
10. PROVIDE BACKWATER VALVE ON FOUNDATION DRAIN AT BUILDING PER S14.

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.
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.
7. PROVIDE BACKWATER VALVE AT BUILDING PER S14.1

None
None

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.

SAN STRUCTURE TABLE

STRUCTURE ID	TOP OF GRATE ELEVATION	INVERT IN			INVERT OUT	INSULATION REQUIRED ON OUTLET PIPE?	DESCRIPTION SIZE	OPSD	COVER	NOTES
SAMH1	65.92	62.70	62.64±		62.64±	N	1200mm DIA.	OPSD 701.010	S24	
SAMH2	65.92	62.77			62.76	N	1200mm DIA.	OPSD 701.010	S24	

STORM STRUCTURE TABLE

STRUCTURE ID	TOP OF GRATE ELEVATION	INVERT IN			INVERT OUT	INSULATION REQUIRED ON OUTLET PIPE?	DESCRIPTION SIZE	OPSD	COVER	NOTES
DD1	66.00					N				Parking garage deck drain
CBMH1	66.14	64.78			64.72	Y	1200mm DIA.	OPSD 701.010	S28.1	
CB1	66.20				65.00	Y	600X600mm	OPSD 705.010	S19.1	
CB2	66.07				64.56	Y	600X600mm	OPSD 705.010	S19.1	
CB3	66.30				65.10	Y	600X600mm	OPSD 705.010	S19.1	
STMH1	66.18	64.54	64.54		64.48	Y	1200mm DIA.	OPSD 701.010	S24.1	
STMH2	66.14	63.74			63.71	N	1800mm DIA.	OPSD 701.012	Stormceptor	Model EFO6
STMH3	66.14	63.59±	63.65		63.59±	N	1200mm DIA.	S12.2	S24.1	

PIPE CROSSING TABLE

		Obvert			Invert	
1	150mm SAN	62.88	0.50	Clearance Under	63.38	200mm Ex. WM
2	200mm Ex. WM	63.38	0.29	Clearance Under	63.67	375mm STM
3	250mm Ex. SAN	63.05	0.61	Clearance Under	63.66	250mm STM
4	100mm STM FM	63.84	0.72	Clearance Under	64.56	250mm STM

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no.	date	revision
4	2021-12-17	ISSUED FOR SPA REVISION 3
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1	2021-04-28	ISSUED FOR SPA

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PROJECT/LOCATION:
100 BAYSHORE LOT "B"
WOODRIDGE CRESCENT

DRAWING TITLE:
SERVICING PLAN

DRAWN BY:	DATE:	SCALE:
B.N. / S.M.	DEC 17, 2021	AS NOTED

LICENSED PROFESSIONAL ENGINEER S.A.G. MCCAUGHEY 100217133 2022-01-05 PROVINCE OF ONTARIO

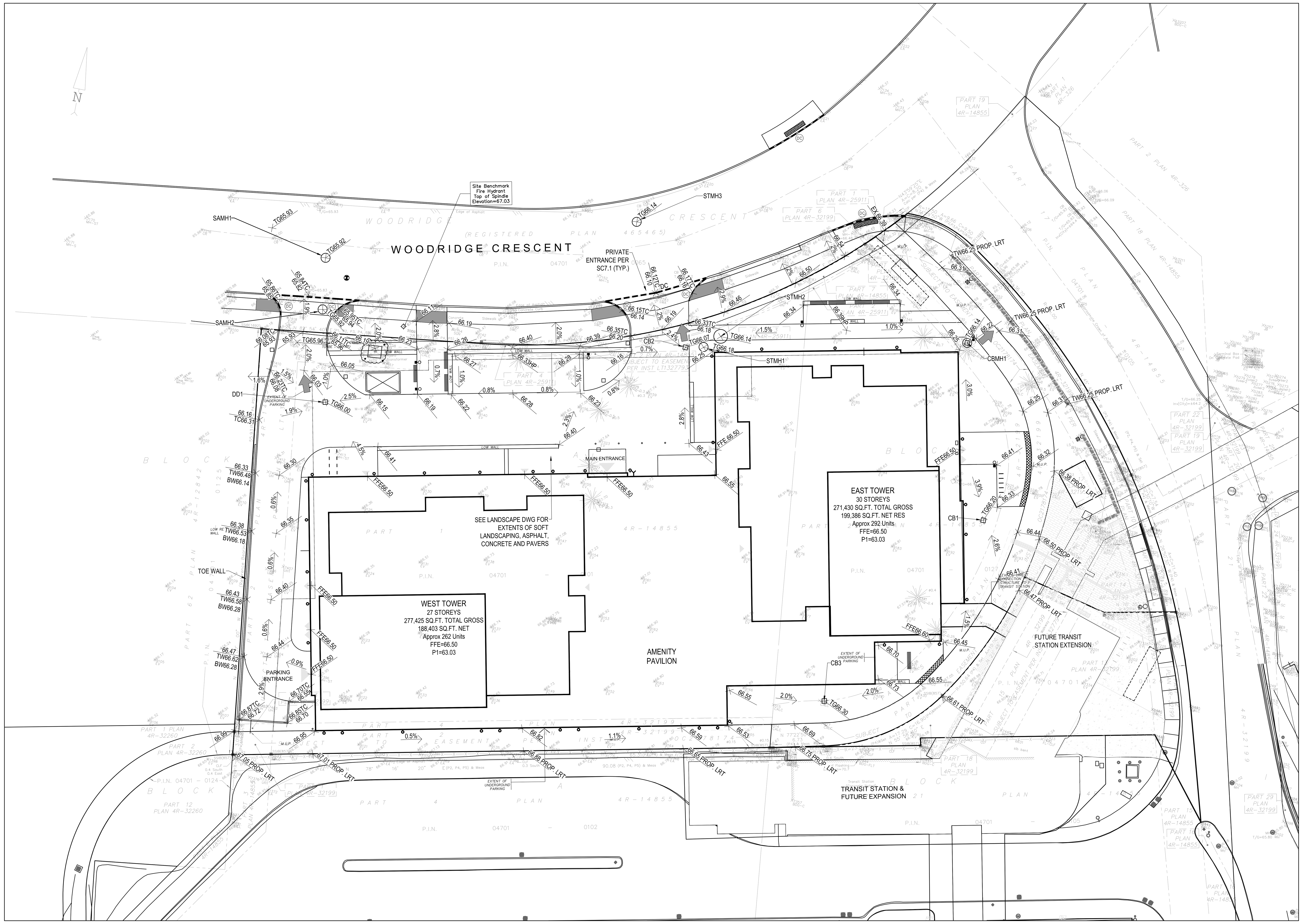
PROJECT: 211-02810-00

DRAWING NO.: C002

REVISION NO.:

D07-12-21-0057

CITY PLAN NO. 18477



1 C003

GRADING PLAN

SCALE= 1:250

0 5m 10m 20m 25m

SCALE: 1:250

LEGEND

- 66.50 — PROPOSED GRADE ELEVATION
- 66.50TC / 66.35 — PROPOSED TOP AND BOTTOM OF CURB
- STMH — PROPOSED STORM SEWER MANHOLE
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- P — EXISTING HYDRO
- DRAINAGE AREA BOUNDARY
- 1 CONTROLLED A(ah) C — DRAINAGE AREA

NOTES: GENERAL

1. 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).
2. 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.
3. 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 HYDRO, BELL, CABLE TV, AND CONSUMERS GAS LINES.
4. ALL TRENCHING AND EXCAVATIONS TO BE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
5. REFER TO ARCHITECTS PLANS FOR BUILDING DIMENSIONS, ELEVATIONS, LAYOUT AND DECK STRUCTURE. REFER TO LANDSCAPE PLAN FOR LANDSCAPED DETAILS AND OTHER RELEVANT INFORMATION. ALL INFORMATION SHALL BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
6. TOPOGRAPHIC SURVEY COMPLETED AND PROVIDED BY FARLEY, SMITH & DENIS SURVEYING LTD. DATED MAY 13, 2021. CONTRACTOR TO VERIFY IN THE FIELD PRIOR TO CONSTRUCTION OF ANY WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
7. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS.
8. ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED SWALE OR DRAIN OUTLETS ARE PROVIDED.
9. 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.
10. ALL DISTURBED AREAS OUTSIDE PROPOSED GRADING LIMITS TO BE RESTORED TO ORIGINAL ELEVATIONS AND CONDITIONS UNLESS OTHERWISE SPECIFIED. EXISTING PARKING LOT SHALL BE RE-ASPHALTED AT EXISTING GRADES EXCEPT AS NOTED TO EVEN OUT GRADES. ALL RESTORATION SHALL BE COMPLETED WITH THE GEOTECHNICAL REQUIREMENTS FOR BACKFILL AND COMPACTION.
11. ALL MATERIAL SUPPLIED AND PLACED FOR PARKING LOT AND ACCESS ROAD CONSTRUCTION SHALL BE TO OPSS STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED. CONSTRUCTION TO OPSS 206, 310 & 314. MATERIALS TO OPSS 1001, 1003 & 1010.
12. ABUTTING PROPERTY GRADES TO BE MATCHED UNLESS NOTED OTHERWISE.
13. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPAL AUTHORITIES PRIOR TO COMMENCING CONSTRUCTION.
14. MINIMIZE DISTURBANCE TO EXISTING VEGETATION DURING THE EXECUTION OF ALL WORKS.
15. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE DIRECTED FROM THE ENGINEER. EXCAVATE AND REMOVE ALL ORGANIC MATERIAL AND DEBRIS LOCATED WITHIN THE PROPOSED BUILDING, PARKING AND ROADWAY LOCATIONS.
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. SERVICE TRENCHES ON MUNICIPAL RIGHT OF WAY TO BE REINSTATED AS PER CITY OF OTTAWA DETAIL R10.
18. PRIOR TO CONSTRUCTION, A GEOTECHNICAL ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO IS TO INSPECT ALL SUB-SURFACES FOR FOOTINGS, SERVICES AND PAVEMENT STRUCTURES.
19. FOR ANY SOILS RELATED INFORMATION, REFER TO THE GEOTECHNICAL INVESTIGATION REPORT BY GOLDER DATED MARCH 2021.
20. CONTRACTOR TO OBTAIN POST-CONSTRUCTION TOPOGRAPHIC SURVEY PERFORMED BY CERTIFIED OLS OR P.ENG. CONFIRMING COMPLIANCE WITH DESIGN GRADING AND SERVICING. SURVEY IS TO INCLUDE LOCATION AND INVERTS FOR BURIED UTILITIES.

PAVEMENT COMPONENT	
SUPERPAVE 12.5 SURFACE COURSE	50mm
SUPERPAVE 19.mm BASE COURSE	70mm
OPPS GRANULAR A BASE	150mm
OPPS GRANULAR B TYPE II SUBBASE	450mm

NOTES: PARKING LOT AND WORK IN PUBLIC RIGHTS OF WAY

1. CONTRACTOR TO OBTAIN ROAD CUT PERMIT PRIOR TO ROAD WORK AND REINSTATE ROAD CUTS AS PER CITY OF OTTAWA DETAIL R10.
2. REFER TO GEOTECHNICAL INVESTIGATION REPORT PREPARED BY GOLDER ASSOCIATES DATED MARCH 2021 FOR GEOTECHNICAL RECOMMENDATIONS.
3. CONTRACTOR TO PREPARE SUBGRADE, INCLUDING PROOFROLLING, TO THE SATISFACTION OF THE GEOTECHNICAL CONSULTANT PRIOR TO THE COMMENCEMENT OF PLACEMENT OF GRANULAR B MATERIAL.
4. FILL TO BE PLACED AND COMPACTED PER THE GEOTECHNICAL REPORT REQUIREMENTS.
5. 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.
6. GRANULAR A MATERIAL TO BE PLACED ONLY UPON APPROVAL BY THE GEOTECHNICAL CONSULTANT OF GRANULAR B PLACEMENT.
7. 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.
8. ASPHALT MATERIAL TO BE PLACED ONLY UPON APPROVAL BY THE GEOTECHNICAL CONSULTANT OF GRANULAR A PLACEMENT.
9. 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.
10. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING LINE AND GRADE IN ACCORDANCE WITH THE PLANS, AND FOR PROVIDING THE CONSULTANT WITH VERIFICATION PRIOR TO PLACEMENT.
11. 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.
12. PAVEMENT STRUCTURE (MATERIAL TYPES AND THICKNESS) TO BE AS SPECIFIED IN THE GEOTECHNICAL REPORT.

KingSett CAPITAL

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no.	date	revision
4	2021-12-17	ISSUED FOR SPA REVISION 3
3	2021-09-17	ISSUED FOR SPA REVISION 2
2	2021-07-23	ISSUED FOR SPA REVISION 1
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OTTAWA ONTARIO CANADA K2B 8K2
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PROJECT/LOCATION:
100 BAYSHORE LOT "B"
WOODRIDGE CRESCENT

DRAWING TITLE:
GRADING PLAN

DRAWN BY:	DATE:	SCALE:
B.N. / S.M.	DEC 17, 2021	AS NOTED

LICENSED PROFESSIONAL ENGINEER S.A.G. MCCAUGHEY 100217133 2022-01-05 PROVINCE OF ONTARIO

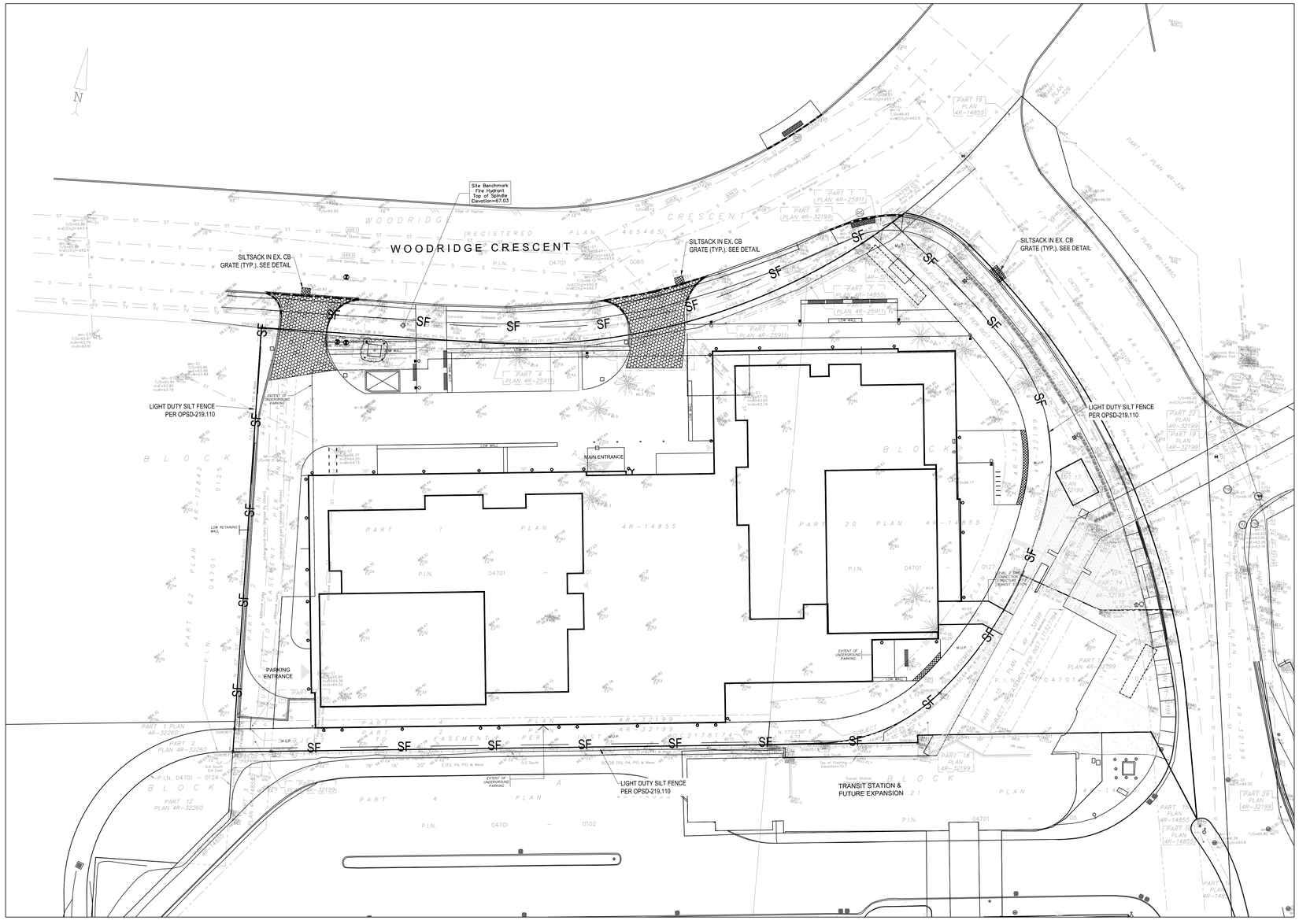
PROJECT: 211-02810-00

DRAWING NO.: C003

REVISION NO.:

D07-12-21-0057

CITY PLAN NO. 18477



1 C004 EROSION AND SEDIMENT CONTROL PLAN

SCALE= 1:250

0 5m 10m 20m 25m

SCALE: 1:250

LEGEND

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- W — EXISTING WATERMAIN
- G — EXISTING GASMAIN
- T V — EXISTING CABLE
- P — EXISTING HYDRO
- DRAINAGE AREA BOUNDARY
- 1 CONTROLLED A(ah) C — DRAINAGE AREA

NOTES: EROSION AND SEDIMENT CONTROL

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

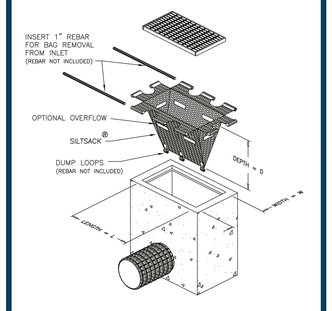
1. PRIOR TO START OF CONSTRUCTION:

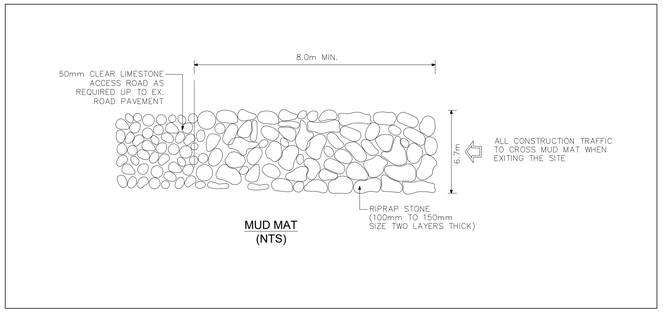
1.1. INSTALL SILT FENCE IN LOCATION SHOWN ON DWG C12.
1.2. INSTALL FILTER FABRIC OR SILT SACK FILTERS IN ALL THE CATCHBASINS AND MANHOLES TO REMAIN DURING CONSTRUCTION WITHIN THE SITE (SEE TYPICAL DETAIL).
1.3. INSTALL MUD MAT AT SITE ENTRANCES.

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. DURING DEMOLITION OF EXISTING ON-SITE STORM INFRASTRUCTURE, PROTECT DOWNSTREAM SEWERS FROM UNFILTERED FLOW.
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.

Typical Siltsack® Construction - Type B





None
Value

KingSett CAPITAL

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JOSHUA FOSTER
T613-836-0634

no.	date	revision
4	2021-12-17	ISSUED FOR SPA REVISION 3
3	2021-09-17	ISSUED FOR SPA REVISION 2
2	2021-07-23	ISSUED FOR SPA REVISION 1
1	2021-04-28	ISSUED FOR SPA

It is the responsibility of the appropriate contractor to check and verify all dimensions on site and report all errors and/or omissions to the architect.

All contractors must comply with all pertinent codes and by-laws.

Do not scale drawings.

This drawing may not be used for construction until signed.

wsp
300-2611 QUEENSVIEW DRIVE
OTTAWA ONTARIO CANADA K2B 8K2
TEL.: 1-613-829-2800 | FAX: 1-613-829-8299 | WWW.WSPGROUP.COM

PROJECT/LOCATION:
100 BAYSHORE LOT "B"
WOODRIDGE CRESCENT

DRAWING TITLE:
EROSION AND SEDIMENT CONTROL PLAN

DRAWN BY:	DATE:	SCALE:
B.N. / S.M.	DEC 17, 2021	AS NOTED

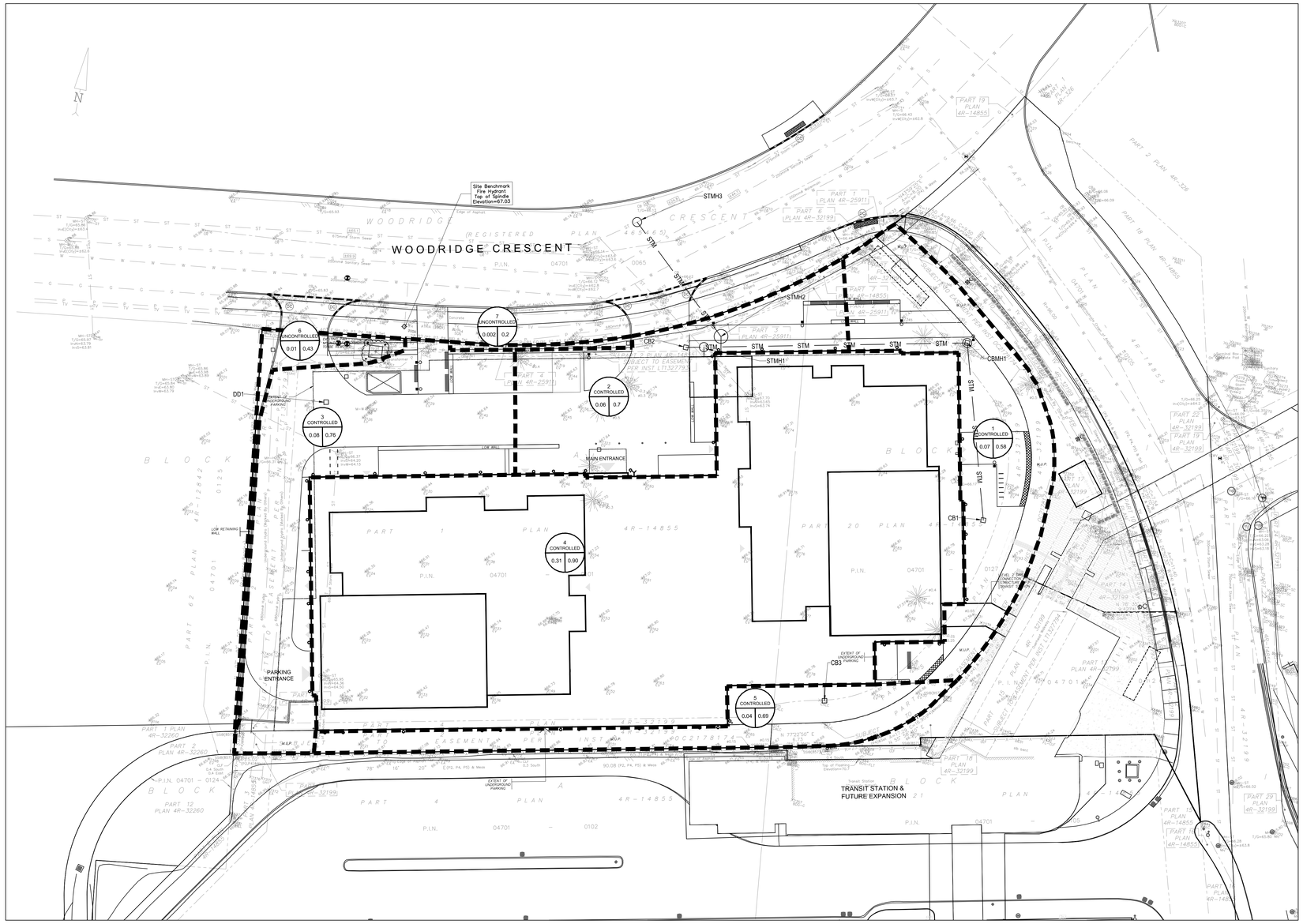
PROJECT: 211-02810-00

DRAWING NO.: C004

REVISION NO.:

D07-12-21-0057

CITY PLAN NO. 18477



1
C005
STORM DRAINAGE AREA PLAN
SCALE= 1:250

LEGEND

66.50	PROPOSED GRADE ELEVATION
66.50TC 66.35	PROPOSED TOP AND BOTTOM OF CURB
○ STMH	PROPOSED STORM SEWER MANHOLE
○ SAMH	PROPOSED SANITARY SEWER MANHOLE
▣ CBMH	PROPOSED CATCHBASIN MANHOLE
☐ CB	PROPOSED CATCHBASIN
— STM —	PROPOSED STORM SEWER
— SAN —	PROPOSED SANITARY SEWER
— W —	PROPOSED WATER SERVICE LINE
⊗	PROPOSED VALVE BOX
▽	PROPOSED REDUCER
FH	PROPOSED FIRE HYDRANT
DC	PROPOSED DEPRESSED CURB
— X —	SERVICES TO BE REMOVED
×65.96	EXISTING GRADE ELEVATION
⊗ MH	EXISTING MANHOLE
CB	EXISTING CATCHBASIN
VB	EXISTING VALVE & BOX
FH	EXISTING FIRE HYDRANT
— STM —	EXISTING STORM SEWER
— SAN —	EXISTING SANITARY SEWER
— W —	EXISTING WATERMAIN
— G —	EXISTING GASMAIIN
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▬ ▬ ▬	DRAINAGE AREA BOUNDARY
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DRAWN BY:	DATE:	SCALE:
B.N. / S.M.	DEC 17, 2021	AS NOTED

PROJECT:
211-02810-00

LICENSED PROFESSIONAL ENGINEER
S.A.G. McCAUGHEY
100217133
PROVINCE OF ONTARIO
2022-01-05

DRAWING NO.:
C005

REVISION NO.:

D07-12-21-0057

CITY PLAN NO. 18477

None
None