

NOTES: GENERAL

- 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).
- 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.
- 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.
- 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.
- TOPOGRAPHIC SURVEY COMPLETED AND PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. DATED JULY 2022. 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.
- 12. 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.
- 13. RETAINING WALLS ARE TO BE CONSTRUCTED PER OPSD 3120.100 TYPE II.
- 14. ABUTTING PROPERTY GRADES TO BE MATCHED.
- 15. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPAL AUTHORITIES PRIOR TO COMMENCING CONSTRUCTION.
- 16. MINIMIZE DISTURBANCE TO EXISTING VEGETATION DURING THE EXECUTION OF ALL WORKS.
- 17. 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.

- 18. AT PROPOSED UTILITY CONNECTION POINTS AND CROSSINGS (I.E. STORM SEWER, SANITARY SEWER,
- DETAIL R10.
- 21. FOR ANY SOILS RELATED INFORMATION, REFER TO THE GEOTECHNICAL INVESTIGATION REPORT BY WSP CANADA INC.
- 23. EXISTING STORM SEWER, SANITARY SEWER, AND WATERMAIN ALONG SPRINGHURST AVENUE WERE DRAWN IN BASED ON SURVEY. CONTRACTOR TO CONFIRM ON SITE PRIOR TO CONSTRUCTION. SEWERS AND SERVICE LATERALS TO BE ABANDONED AS SHOWN IN PLAN PER CITY OF OTTAWA STANDARDS S11.4 AND F-4104.
- 24. ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO CGVD28 GEODETIC DATUM. BENCHMARK NO.1 HAVING A PUBLISHED ELEVATION OF 64.00m AND BENCHMARK NO.2 HAVING A PUBLISHED ELEVATION OF 64.54m. TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD, DATED JUNE 9, 2021.

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

- 19. SERVICE TRENCHES ON MUNICIPAL RIGHT OF WAY TO BE REINSTATED AS PER CITY OF OTTAWA
- 20. PRIOR TO CONSTRUCTION, A GEOTECHNICAL ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO IS TO INSPECT ALL SUB-SURFACES FOR FOOTINGS, SERVICES AND PAVEMENT STRUCTURES.
- 22. 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.

<u>EXISTING LEGEND</u>

EXISTING ELEVATION EXISTING STORM MANHOLE

> EXISTING CATCHBASIN EXISTING SANITARY MANHOLE

EXISTING BOLLARD

• TB EXISTING UTILITY PEDESTAL EXISTING DECIDUOUS TREE

EXISTING SHRUBS

EXISTING CONIFEROUS TREE

EXISTING FIRE HYDRANT EXISTING UTILITY POLE

• AN EXISTING ANCHOR — W —— EXISTING WATERMAIN

— ST — EXISTING STORM SEWER — s — EXISTING SANITARY SEWER

— OHW —— EXISTING OVERHEAD WIRE — P — EXISTING POWER LINE

— G — EXISTING GAS EXISTING EDGE OF ASPHALT

--- PROPERTY LINE

LEGEND

PROPOSED CATCHBASIN PROPOSED STORM MANHOLE PROPOSED SANITARY MANHOLE PROPOSED VALVE AND BOX PROPOSED STORM SEWER

PROPOSED SANITARY SEWER --- W --- PROPOSED WATER SERVICE

PROPOSED TOP OF GRATE ×FFE 64.55 FINISH FLOOR ELEVATION PROPOSED TOP AND BOTTOM OF CURB

PROPOSED TOP AND BOTTOM OF LANDING ELEVATION PROPOSED TOP AND BOTTOM OF SLOPE PROPOSED ELEVATION

OVERLAND FLOW DIRECTION

PROPOSED SLOPE PROPOSED 3:1 SLOPE SILT SACK FILTER

LIGHT DUTY SILT DENCE

AHamlin

ALLISON HAMLIN MANAGER, DEVELOPMENT REVIEW ALL WARDS PLANNING, DEVELOPMENT & BUILDING SERVICES **DEPARTMENT, CITY OF OTTAWA**

APPROVED

GEOTECHNICAL REPORT.

- NOTES: PARKING LOT AND WORK IN PUBLIC RIGHTS OF WAY CONTRACTOR TO REINSTATE ROAD CUTS AS PER CITY OF OTTAWA DETAIL R10.
- REFER TO GEOTECHNICAL INVESTIGATION REPORT PREPARED BY PATERSON GROUP DATED FEBRUARY 16, 2023 FOR GEOTECHNICAL RECOMMENDATIONS.

By Allison Hamlin at 9:10 am, Nov 29, 2024

- CONTRACTOR TO PREPARE SUBGRADE, INCLUDING PROOFROLLING, TO THE SATISFACTION OF THE GEOTECHNICAL CONSULTANT PRIOR TO THE COMMENCEMENT OF PLACEMENT OF GRANULAR B
- FILL TO BE PLACED AND COMPACTED PER THE GEOTECHNICAL REPORT REQUIREMENTS.

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.

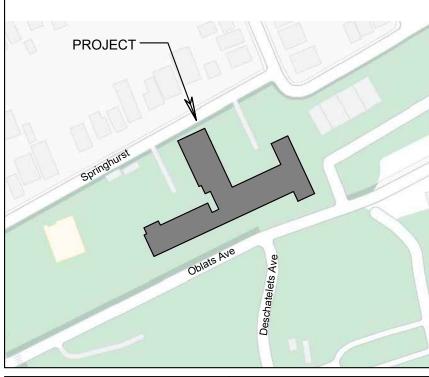
- 6. GRANULAR A MATERIAL TO BE PLACED ONLY UPON APPROVAL BY THE GEOTECHNICAL CONSULTANT OF GRANULAR B PLACEMENT.
- 7. CONTRACTOR TO SUPPLY, PLACE AND COMPACT GRANULAR A MATERIAL IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL CONSULTANT. CONTRACTOR TO PROVIDE CONSULTANT WITH SAMPLES OF GRANULAR A MATERIAL FOR TESTING AND CERTIFICATION FROM THE GEOTECHNICAL

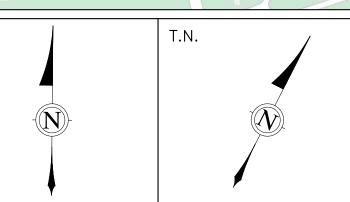
CONSULTANT THAT THE MATERIAL MEETS THE GRADATION REQUIREMENTS SPECIFIED IN THE

- 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
- 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.

FORUM 15 OBLATS GP INC 226 ARGYLE AVE. OTTAWA, ON K2P 1B9

KEY PLAN



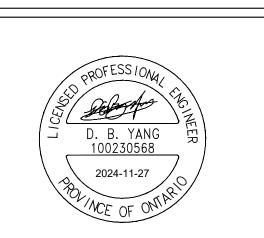


ALL CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE AND TO REPORT ALL ERRORS AND/OR OMISSIONS TO THE ARCHITECT. ALL CONTRACTORS MUST COMPLY WITH ALL CODES AND BYLAWS AND OTHER AUTHORITIES

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REVISED AS PER CITY COMMENTS

ISSUED FOR SPA

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

CONSULTANTS: STRUCTURAL -

NO. REVISION

MECHANICAL -

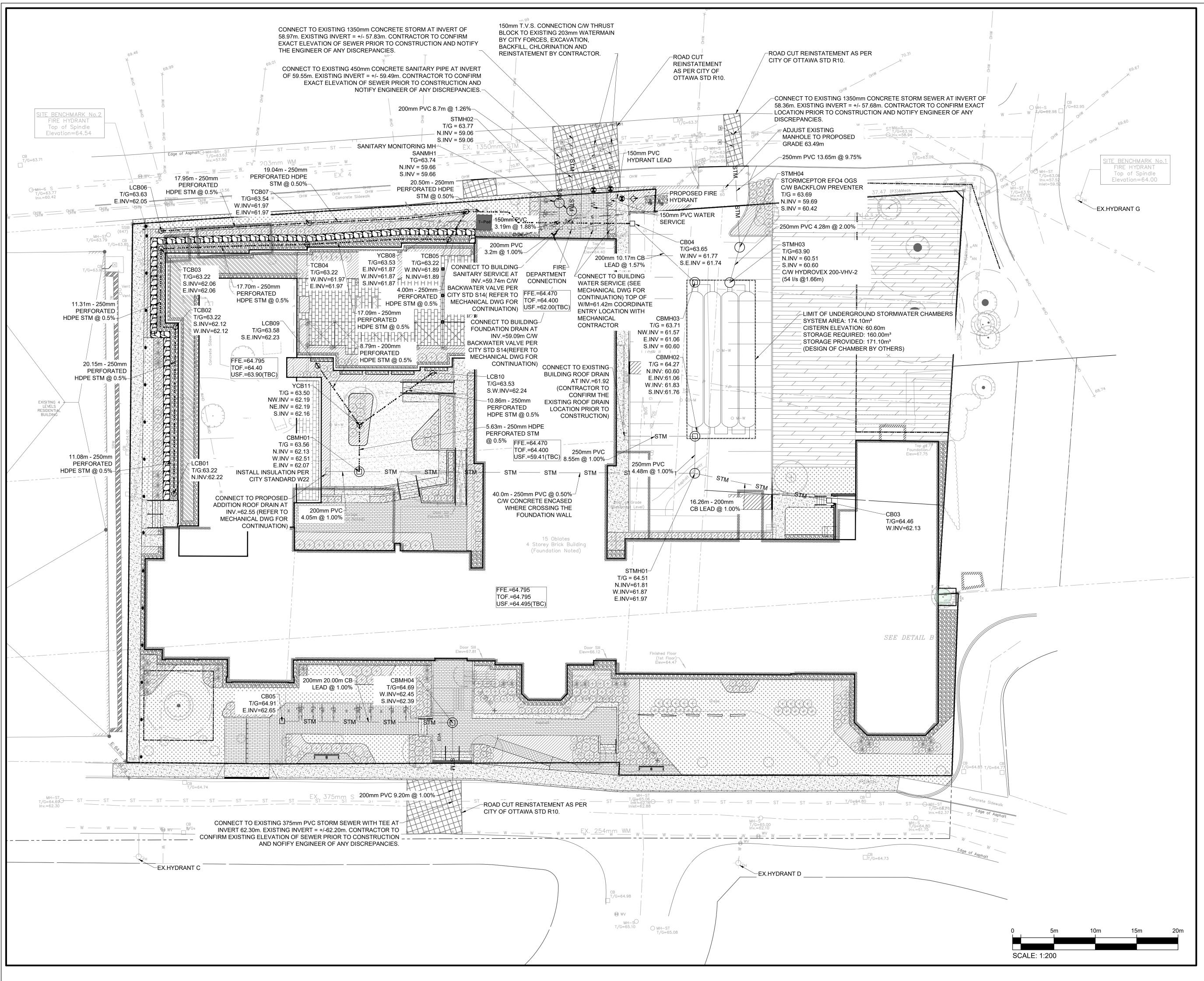
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ELECTRICAL -LANDSCAPING -

> 15 OBLATS AVENUE OTTAWA

> > GRADING PLAN

221-02976-00 DRAWN BY: SM DESIGNED BY: SM



NOTES: STORM SEWERS AND STRUCTURES

NOTES: SANITARY SEWER AND MANHOLES

GROUP, DATED FEBRUARY 16, 2023.

8. PROVIDE BACKWATER VALVE PER S14.1

INSPECTION REPORTS FOR ALL NEW SANITARY PIPING.

BE AS PER CITY OF OTTAWA STANDARD S25 AND S24.

OTTAWA STANDARD W22, OR APPROVED BY THE ENGINEER.

1. ALL SANITARY SEWER, SANITARY SEWER APPURTENANCES AND CONSTRUCTION METHODS SHALL

CONFORM TO THE CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. PROVIDE CCTV

SANITARY SEWER PIPE SIZE 150mm DIAMETER AND GREATER TO BE PVC SDR-35 (UNLESS SPECIFIED

4. PIPE BEDDING AND BACKFILL PER GEOTECHNICAL INVESTIGATION REPORT COMPLETED BY PATERSON

5. ALL SANITARY MANHOLES 1200mm IN DIAMETER TO BE AS PER OPSD 701.010. FRAME AND COVER TO

7. ANY SANITARY SEWER WITH LESS THAN 2.0m COVER REQUIRES THERMAL INSULATION AS PER CITY OF

OTHERWISE) WITH RUBBER GASKET TYPE JOINTS IN CONFORMANCE WITH CSA B-182.2,3,4.

6. MAINTENANCE HOLE BENCHING AND PIPE OPENING ALTERNATIVES AS PER THE OPSD 701.021

- 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. PIPE BEDDING AND BACKFILL PER GEOTECHNICAL INVESTIGATION REPORT COMPLETED BY PATERSON GROUP, DATED FEBRUARY 16, 2023.
- ALL STORM MANHOLES AND CATCH BASIN MAINTENANCE HOLES TO BE AS PER OPSD 701.010 UNLESS OTHERWISE SPECIFIED. FRAME AND COVER PER CITY OF OTTAWA STANDARD S25 AND S24.1 FOR MAINTENANCE HOLES AND S28.1 FOR CATCH BASIN MAINTENANCE HOLES. ADJUSTMENT SECTIONS PER OPSD 704.010.
- 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.
- 8. STORM CATCHBASINS AS PER OPSD 705.010 AND FRAME/COVER AS PER CITY STANDARD DRAWINGS S19.

7. ALL CATCHBASIN LEADS TO BE MINIMUM 200mm DIAMETER AT MINIMUM 1.0% SLOPE UNLESS OTHERWISE SPECIFIED.

- 9. INSTALLATION OF FLOW CONTROL ICD'S TO BE VERIFIED BY QUALITY VERIFICATION ENGINEER RETAINED BY CONTRACTOR.
- 10. PROVIDE BACKWATER VALVE ON FOUNDATION DRAIN, STORM DISCHARGE, AND OVERFLOW DISCHARGE PER S14
- 11. CB IN LANDSCAPE AREAS SHALL BE AS PER CITY OF OTTAWA STANDARD S30 AND S31

NOTES: WATERMAIN

- 1. ALL WATERMAIN AND WATERMAIN APPURTENANCES, 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. PIPE BEDDING AND BACKFILL PER GEOTECHNICAL INVESTIGATION REPORT COMPLETED BY PATERSON GROUP, DATED FEBRUARY 16, 2023.
- 5. 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.
- 6. CATHODIC PROTECTION REQUIRED FOR ALL IRON FITTINGS AS PER CITY OF OTTAWA STANDARD W40 & W42.
- 7. ALL VALVES AND VALVE BOXES AND CHAMBERS, HYDRANTS, AND HYDRANT VALVES AND ASSEMBLES SHALL BE INSTALLED AS PER CITY OF OTTAWA STANDARD
- 8. 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.
- 9. 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.

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— W — PROPOSED WATER SERVICE PROPOSED TOP OF GRATE

FFE 64.55 FINISH FLOOR ELEVATION

PROPOSED ELEVATION

LIGHT DUTY SILT DENCE

PROPOSED TOP AND BOTTOM OF CURB PROPOSED TOP AND BOTTOM OF LANDING ELEVATION

PROPOSED TOP AND BOTTOM OF SLOPE

PROPOSED SLOPE

PROPOSED 3:1 SLOPE

SILT SACK FILTER

OVERLAND FLOW DIRECTION

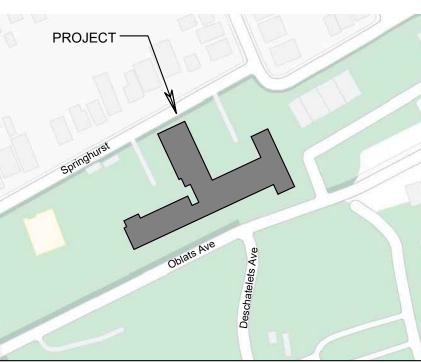
PIPE CROSSING TABLE							
		Obvert			Invert		
1	EX 450mm SAN	59.89	0.99	Clearance Under	60.88	150mm WM	
2	EX 450mm SAN	59.86	1.02	Clearance Under	60.88	150mm WM	
3	250mm STM	58.62	2.12	Clearance Under	60.74	EX 203mm WM	
4	250mm STM	58.75	0.44	Clearance Under	59.19	EX 450mm SAN	
5	2-150mm WM	61.41	0.37	Clearance Under	61.78	250mm CB LEAD	
6	200mm STM	59.30	2.50	Clearance Under	61.8	250mm CB LEAD	
7	250mm SAN	59.30	2.51	Clearance Under	61.81	250mm CB LEAD	
8	200mm STM	59.19	0.22	Clearance Under	59.49	EX 450mm SAN	
9	200mm STM	59.18	1.68	Clearance Under	60.86	EX 203mm WM	

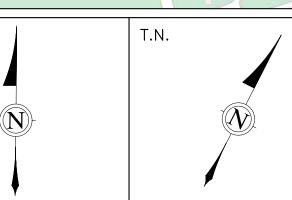
AHamlin

ALLISON HAMLIN MANAGER, DEVELOPMENT REVIEW ALL WARDS PLANNING, DEVELOPMENT & BUILDING SERVICES **DEPARTMENT, CITY OF OTTAWA**

APPROVED By Allison Hamlin at 9:10 am, Nov 29, 2024 FORUM 15 OBLATS GP INC 226 ARGYLE AVE. OTTAWA, ON K2P 1B9

KEY PLAN





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SUBJECT TO APPROVAL

REVISED AS PER CITY COMMENTS ISSUED FOR ZBA/SPA RESUBMISSION ISSUED FOR CLASS C ESTIMATE 4 ISSUED FOR ZBA/SPA RESUBMISSION ISSUED FOR ZBA/SPA RESUBMISSION REVISED AS PER CITY COMMENTS 2023-02-16 ISSUED FOR SPA



CONSULTANTS: STRUCTURAL -

MECHANICAL -ELECTRICAL -LANDSCAPING -

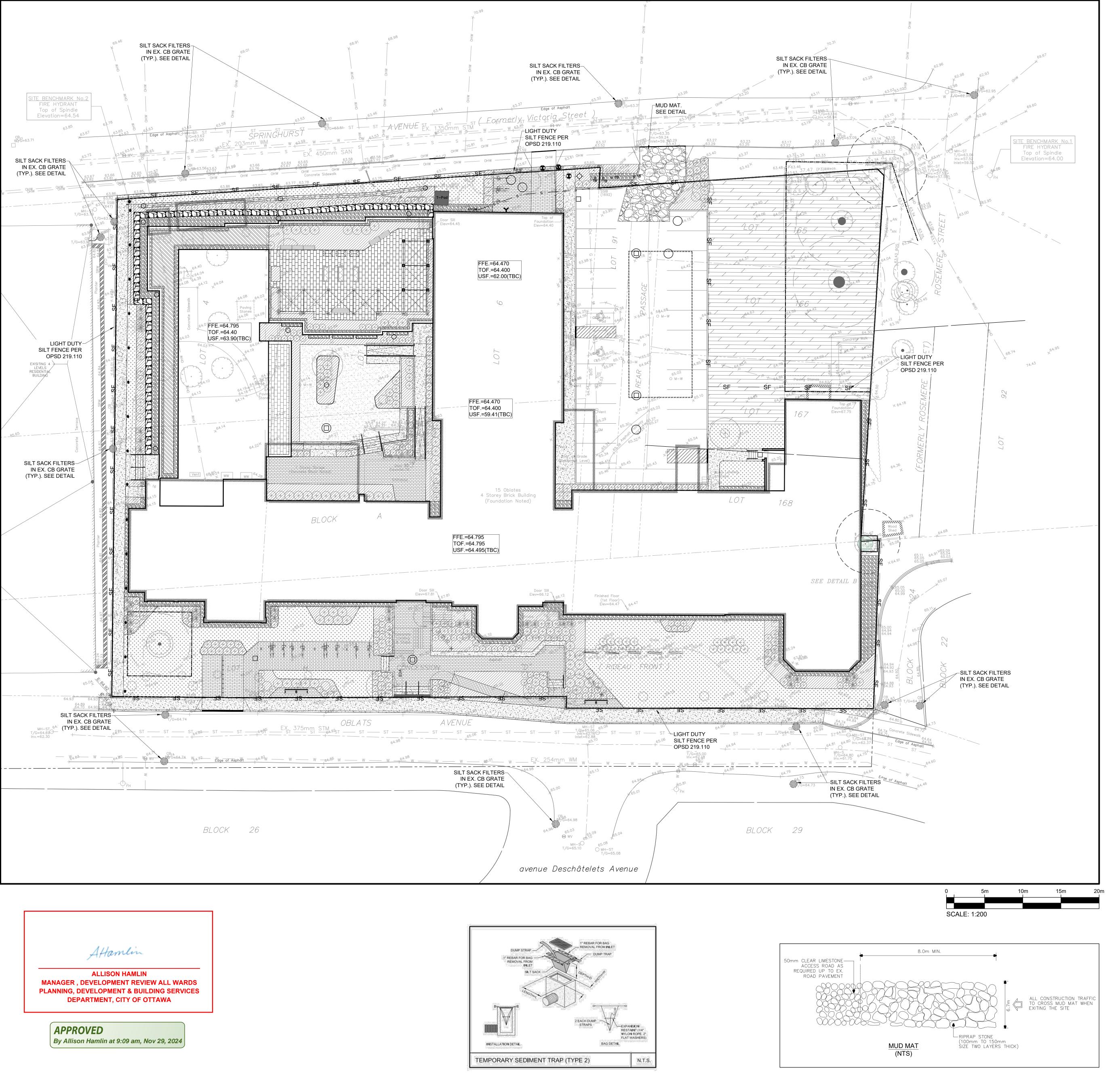
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NO. REVISION

15 OBLATS AVENUE

SERVICING PLAN

221-02976-00 DRAWN BY: SM DESIGNED BY: SM C002



EXISTING LEGEND EXISTING ELEVATION EXISTING STORM MANHOLE EXISTING CATCHBASIN EXISTING SANITARY MANHOLE EXISTING BOLLARD • TB EXISTING UTILITY PEDESTAL EXISTING DECIDUOUS TREE EXISTING SHRUBS EXISTING CONIFEROUS TREE EXISTING FIRE HYDRANT EXISTING UTILITY POLE • AN EXISTING ANCHOR — W —— EXISTING WATERMAIN — ST — EXISTING STORM SEWER — s — EXISTING SANITARY SEWER — OHW — EXISTING OVERHEAD WIRE — P — EXISTING POWER LINE — G — EXISTING GAS EXISTING EDGE OF ASPHALT --- PROPERTY LINE LEGEND PROPOSED CATCHBASIN PROPOSED STORM MANHOLE PROPOSED SANITARY MANHOLE PROPOSED VALVE AND BOX — PROPOSED STORM SEWER — PROPOSED SANITARY SEWER --- W --- PROPOSED WATER SERVICE PROPOSED TOP OF GRATE ×FFE 64.55 FINISH FLOOR ELEVATION PROPOSED TOP AND BOTTOM OF CURB

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PROPOSED ELEVATION

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SILT SACK FILTER

PROPOSED 3:1 SLOPE

LIGHT DUTY SILT DENCE

OVERLAND FLOW DIRECTION

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:

B/S 64.27

× 63.25

- 1.1. INSTALL SILT FENCE IN LOCATION SHOWN.
- 1.2. INSTALL FILTER FABRIC OR SILT SACK FILTERS IN ALL THE CATCHBASINS AND MANHOLES TO REMAIN DURING CONSTRUCTION WITHIN THE SITE.
- 1.3. INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION. 1.4. INSTALL MUD MAT AT CONSTRUCTION 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. 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
- 2.6. DOWNSTREAM STORM INFRASTRUCTURE SHALL BE PROTECTED FROM UNFILTERED
- 2.7. DRAWING TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION. 2.8. EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL

RUNOFF DURING ON-SITE STORM INFRASTRUCTURE DEMOLITION.

- 2.9. 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). 2.10. 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). 2.11. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS
- APPROVED BY THE FIELD ENGINEER. 2.12. CITY ROADWAY AND SIDEWALK TO BE CLEANED OF ALL SEDIMENT FROM VEHICULAR
- TRACKING AS REQUIRED. 2.13. DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE
- ARE TO BE SCRAPED.
- 2.14. CONTRACTOR IS RESPONSIBLE TO KEEP THE ROADS FREE AND CLEAN FROM MUD OR
- 2.15. ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.
- 2.16. 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.
- 2.17. ALL EROSION CONTROL STRUCTURE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION OF

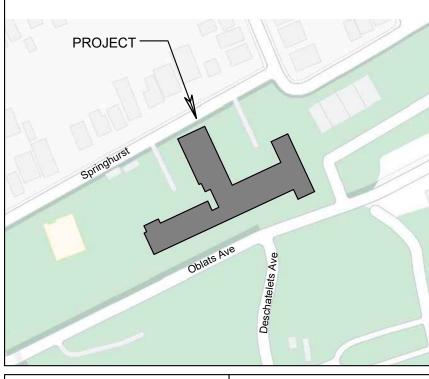
VEGETATIVE GROUND COVER.

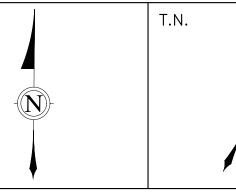
2.18. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES. TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

FORUM 15 OBLATS GP INC 226 ARGYLE AVE. OTTAWA, ON K2P 1B9

KEY PLAN

P.N.

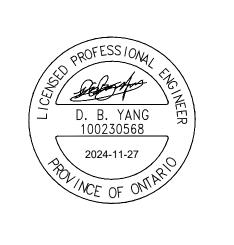




ALL CONTRACTORS TO VERIFY ALL DIMENSIONS ON SITE AND TO REPORT ALL ERRORS AND/OR OMISSIONS TO THE ARCHITECT. ALL CONTRACTORS MUST COMPLY WITH ALL CODES AND BYLAWS AND OTHER AUTHORITIES HAVING JURISDICTION OVER THE WORK.

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REVISED AS PER CITY COMMENTS ISSUED FOR ZBA/SPA RESUBMISSION ISSUED FOR CLASS C ESTIMATE 4 ISSUED FOR ZBA/SPA RESUBMISSION 2024-08-28 ISSUED FOR ZBA/SPA RESUBMISSION REVISED AS PER CITY COMMETNS 2023-02-16 ISSUED FOR SPA 2022-08-19 DD/MM/YY NO. REVISION DATE



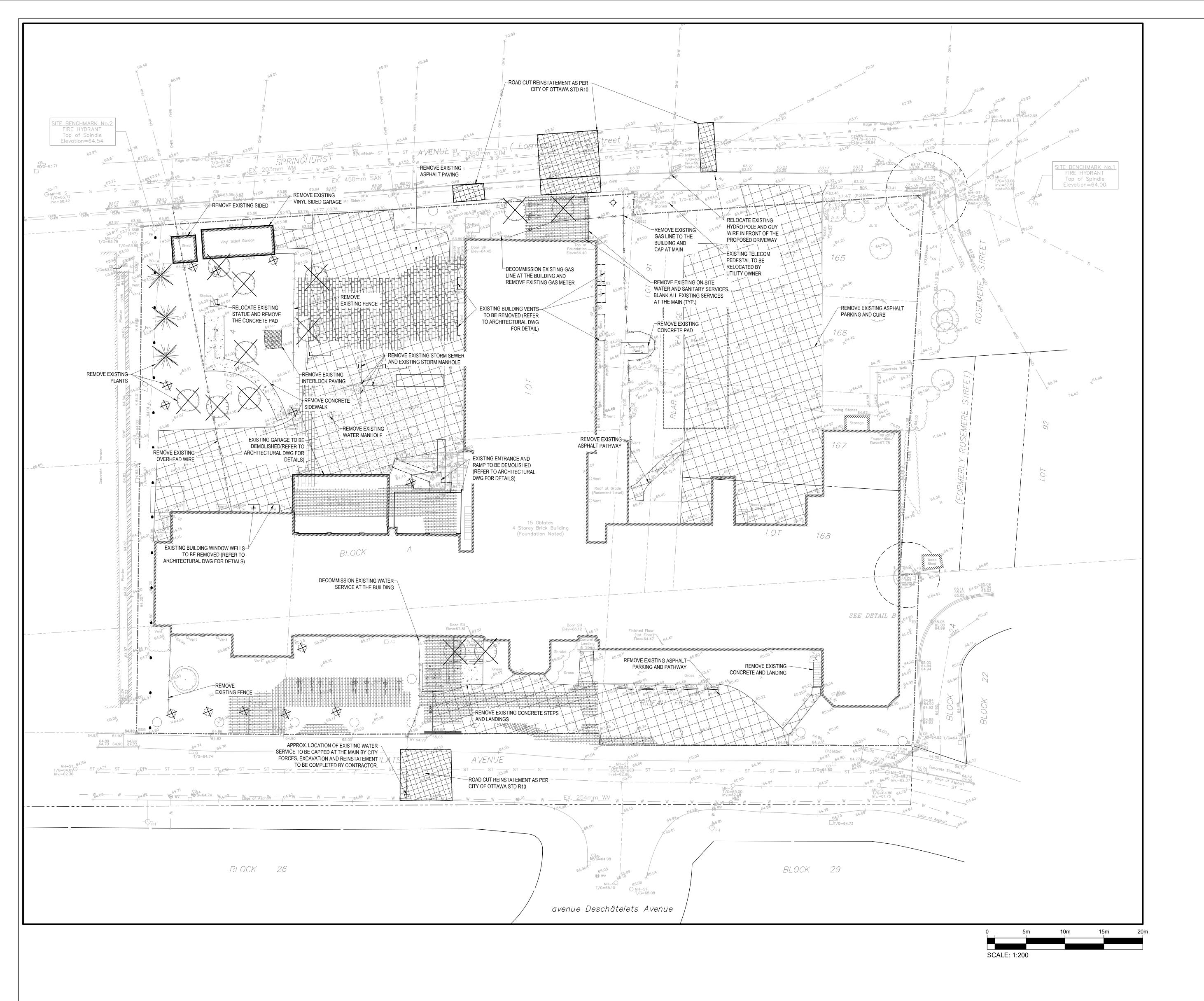
CONSULTANTS: STRUCTURAL -MECHANICAL -ELECTRICAL -

LANDSCAPING -

15 OBLATS AVENUE OTTAWA

EROSION AND SEDIMENT CONTROL PLAN

221-02976-00 DRAWN BY: SM DESIGNED BY: SM C003 CHECKED BY: DY



EXISTING LEGEND

EXISTING ELEVATION

MH-STO EXISTING STORM MANHOLE

□ EXISTING CATCHBASIN

MH-S O EXISTING SANITARY MANHULE

⊕ WV EXISTING WATER VALVE

EXISTING BOLLARD

EXISTING UTILITY PEDESTAL

EXISTING DECIDUOUS TREE

EXISTING SHRUBS

EXISTING CONIFEROUS TREE

EXISTING FIRE HYDRANT

EXISTING UTILITY POLE • AN EXISTING ANCHOR

--- W --- EXISTING WATERMAIN

--- ST --- EXISTING STORM SEWER

--- S --- EXISTING SANITARY SEWER

— OHW — EXISTING OVERHEAD WIRE

—— P —— EXISTING POWER LINE

—— G —— EXISTING GAS EXISTING EDGE OF ASPHALT

---- PROPERTY LINE

LEGEND

PROPOSED CATCHBASIN PROPOSED STORM MANHOLE

PROPOSED SANITARY MANHOLE

PROPOSED VALVE AND BOX

— STM — PROPOSED STORM SEWER

— SAN — PROPOSED SANITARY SEWER

— W — PROPOSED WATER SERVICE

 \times T/G 64.55 PROPOSED TOP OF GRATE

×FFE 64.55 FINISH FLOOR ELEVATION

PROPOSED TOP AND BOTTOM OF CURB

PROPOSED TOP AND BOTTOM OF LANDING ELEVATION

PROPOSED TOP AND BOTTOM OF SLOPE PROPOSED ELEVATION

PROPOSED SLOPE

PROPOSED 3:1 SLOPE

LIGHT DUTY SILT DENCE

OVERLAND FLOW DIRECTION

SILT SACK FILTER

REVISED AS PER CITY COMMENTS

FORUM 15 OBLATS GP INC

PROJECT —

KEY PLAN

226 ARGYLE AVE. OTTAWA, ON K2P 1B9

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6 ISSUED FOR ZBA/SPA RESUBMISSION

5 ISSUED FOR CLASS C ESTIMATE

4 ISSUED FOR ZBA/SPA RESUBMISSION 2024-08-28

3 ISSUED FOR ZBA/SPA RESUMISSION

2023-02-16

2022-08-19

DD/MM/YY

DATE

2 REVISED AS PER CITY COMMENTS

ISSUED FOR SPA

300-2611 QUEENSVIEW DRIVE OTTAWA ONTARIO CANADA K2B 8K2

TEL.: 1-613-829-2800 | FAX: 1-613-829-8299 | WWW.WSPGROUP.COM

NO. REVISION

CONSULTANTS: STRUCTURAL -

MECHANICAL -

ELECTRICAL -LANDSCAPING -

15 OBLATS AVENUE

REMOVAL PLAN

OTTAWA

221-02976-00 DRAWN BY: SM **DESIGNED BY: SM**

CHECKED BY: DY

C004