


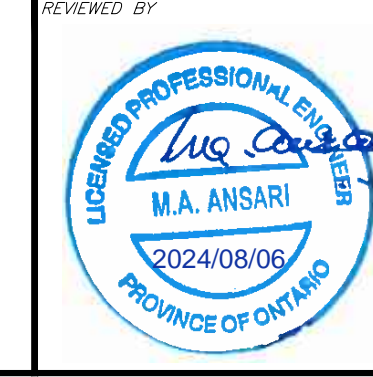
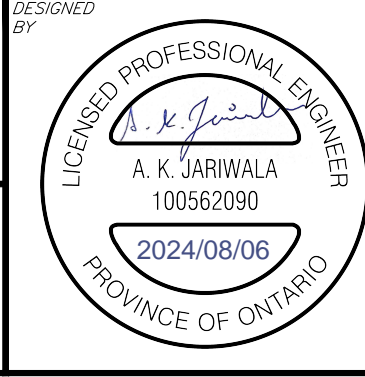
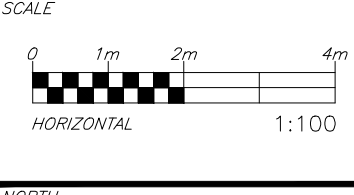


| <u>LEGEND</u>           |   |
|-------------------------|---|
| PROPERTY LINE           | _____   |
| EXISTING SANITARY SEWER | _____ SA _____ SA _____   |
| EXISTING STORM SEWER    | _____ ST _____ ST _____   |
| EXISTING WATERMAIN      | _____ W _____ W _____   |
| EXISTING FENCE          | _____ X _____ X _____   |
| EXISTING TREE AND SHRUB |    |
| EXISTING RETAINING WALL | ===== <i>RWT</i> =====  |
| EXISTING OVERHEAD WIRE  | _____ OH _____ OH _____   |
| EXISTING ELEVATION      | $\times 65.45$  |

**CAUTION**  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

JOB BENCH MARK JBM ▲  
FIRE HYDRANT TOP OF SPINDLE ELEVATION=65.17

TOPOGRAPHIC INFORMATION  
PART OF LOT 63, REGISTERED PLAN 96,  
CITY OF OTTAWA,  
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN,  
VOLLEBECK LTD. O.I.L.S (V-53820) SURVEY DATED JULY 27, 2023.  
SITE GRID SYSTEM MTM NAD 83, ZONE 9

[illegible]

*CLIENT*

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135 LAURIE AVE W, SUITE 100  
OTTAWA, ONTARIO K1P 5J2

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|                 |    |
|-----------------|----|
| BASEPLAN        | ZW |
| DESIGN          | ZW |
| CHECKED         | AJ |
| CAD             | ZW |
| PROJECT MANAGER | AA |
| APPROVED        | AA |

PROJECT

1136 GABRIEL STREET  
OTTAWA, ONTARIO.

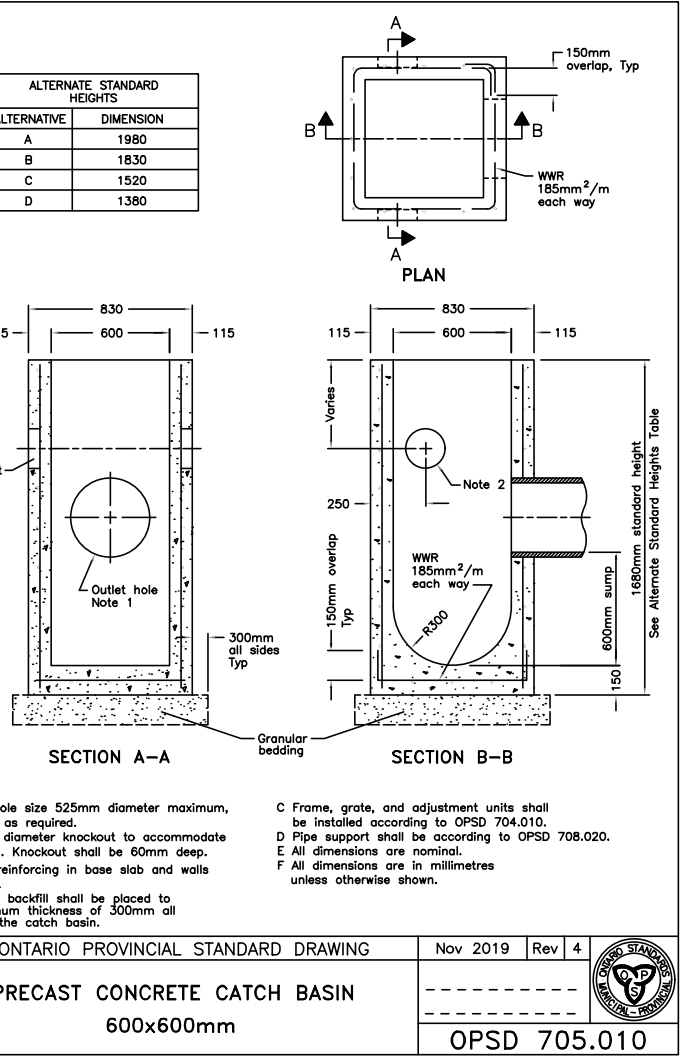
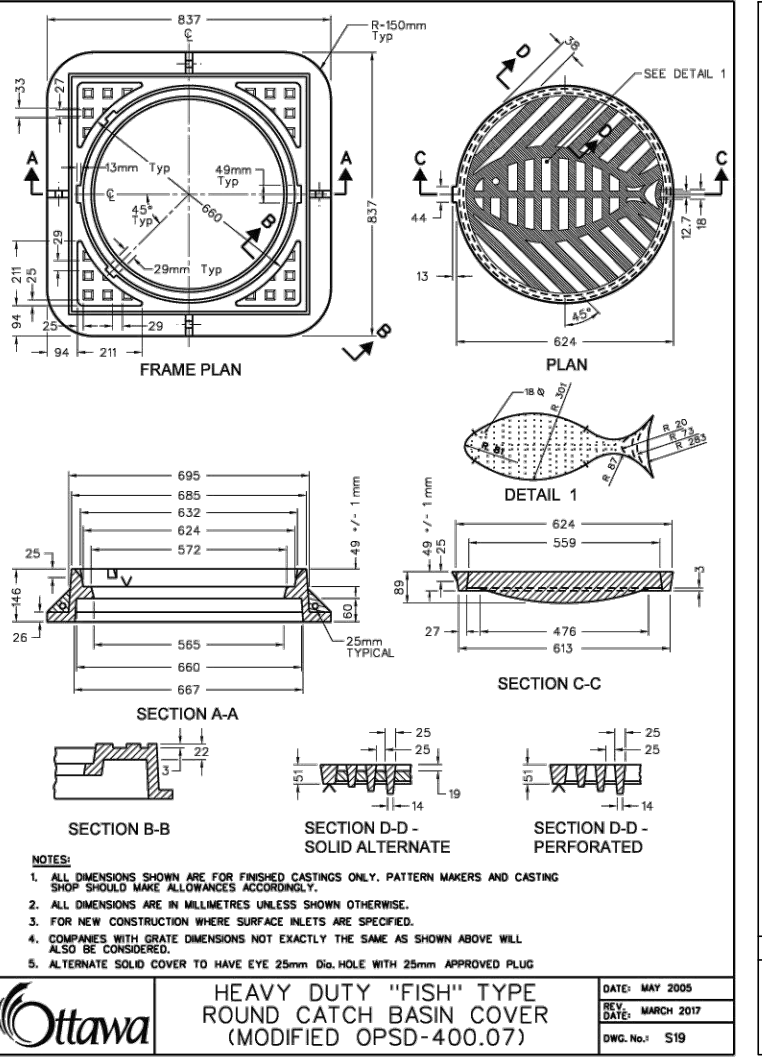
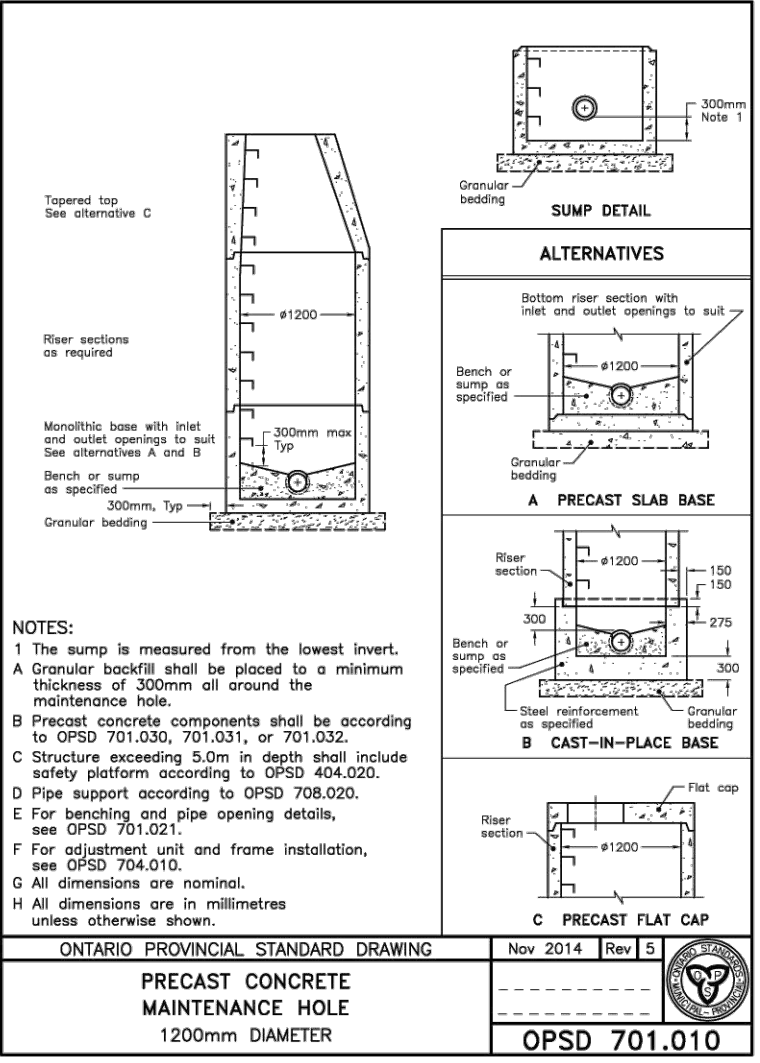
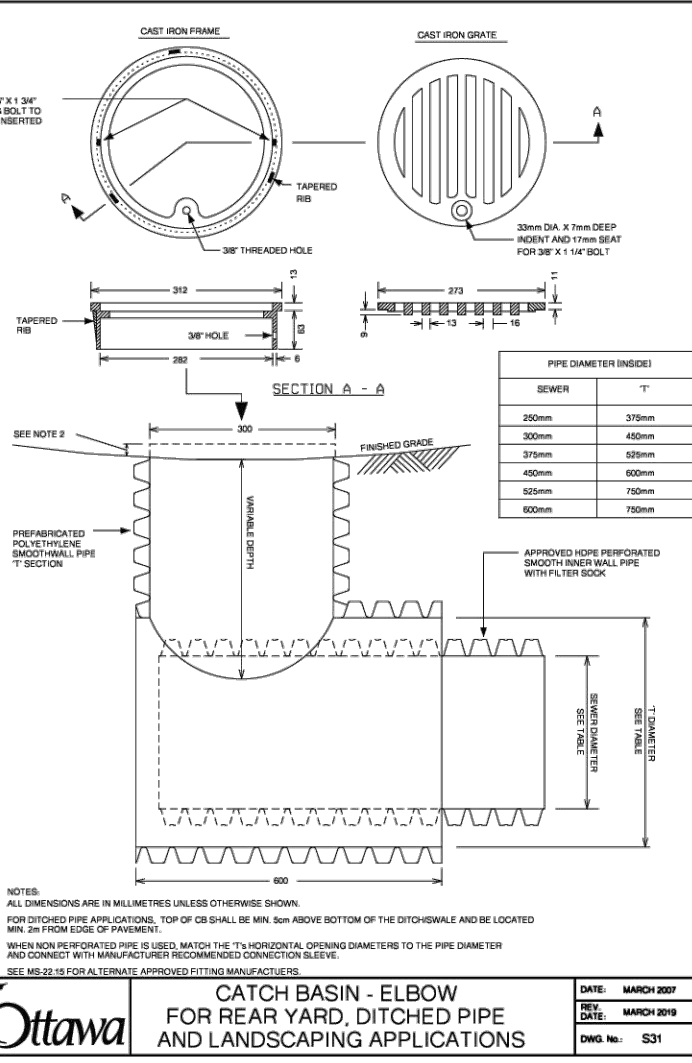
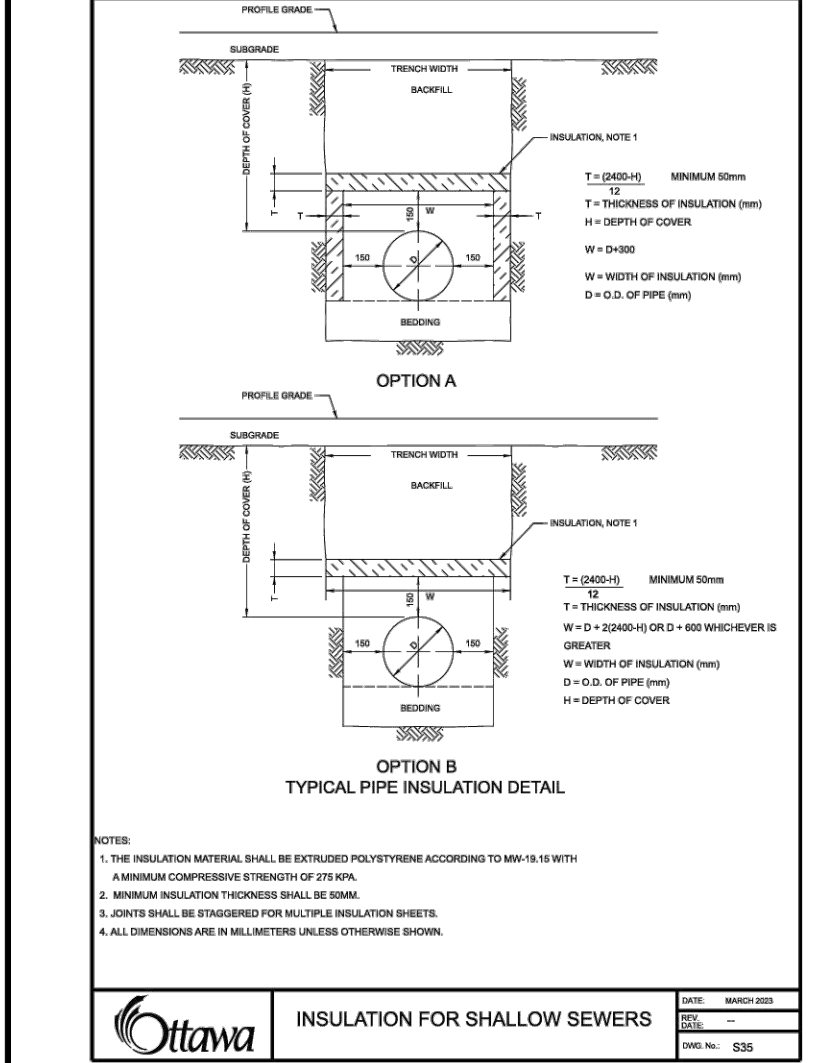
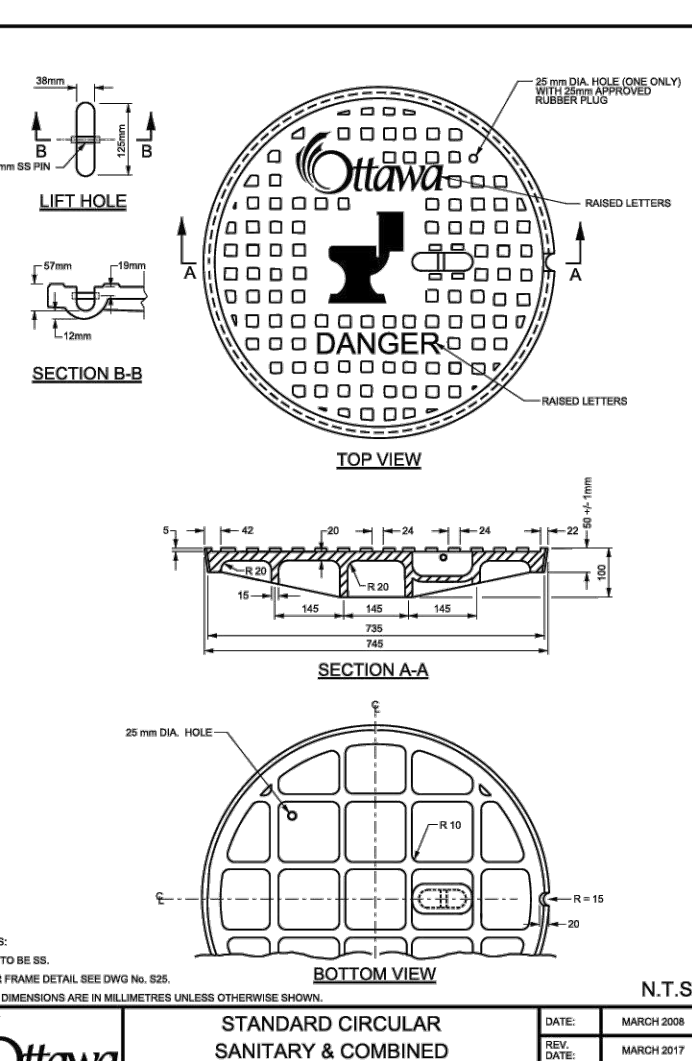
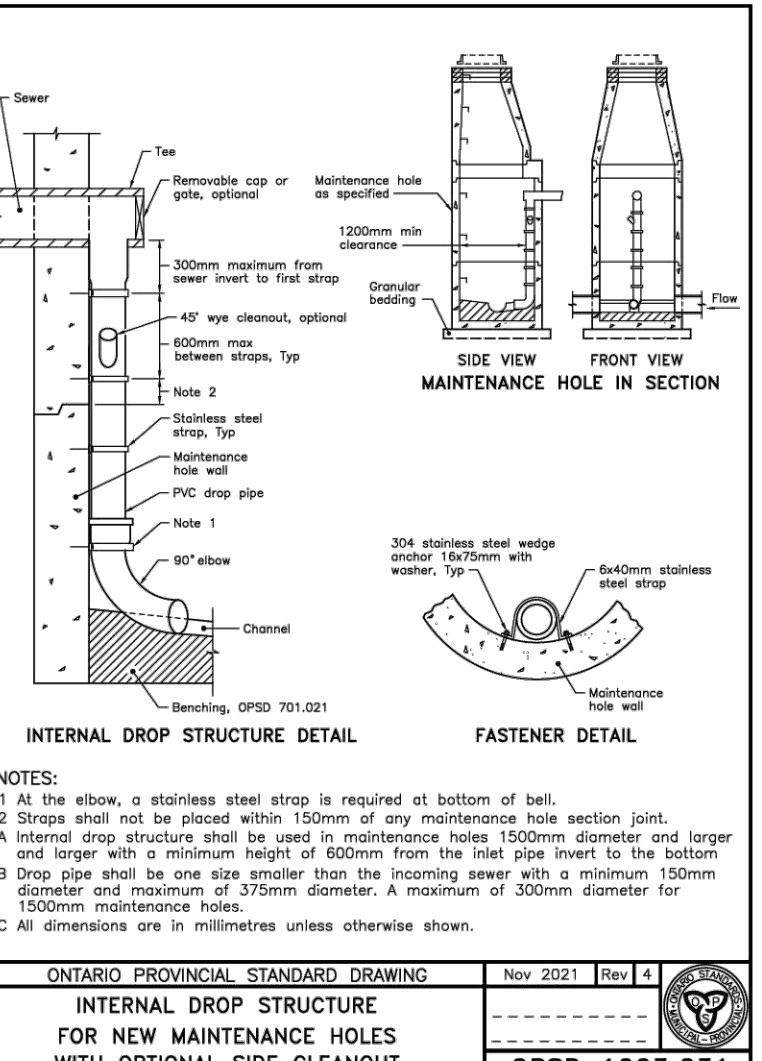
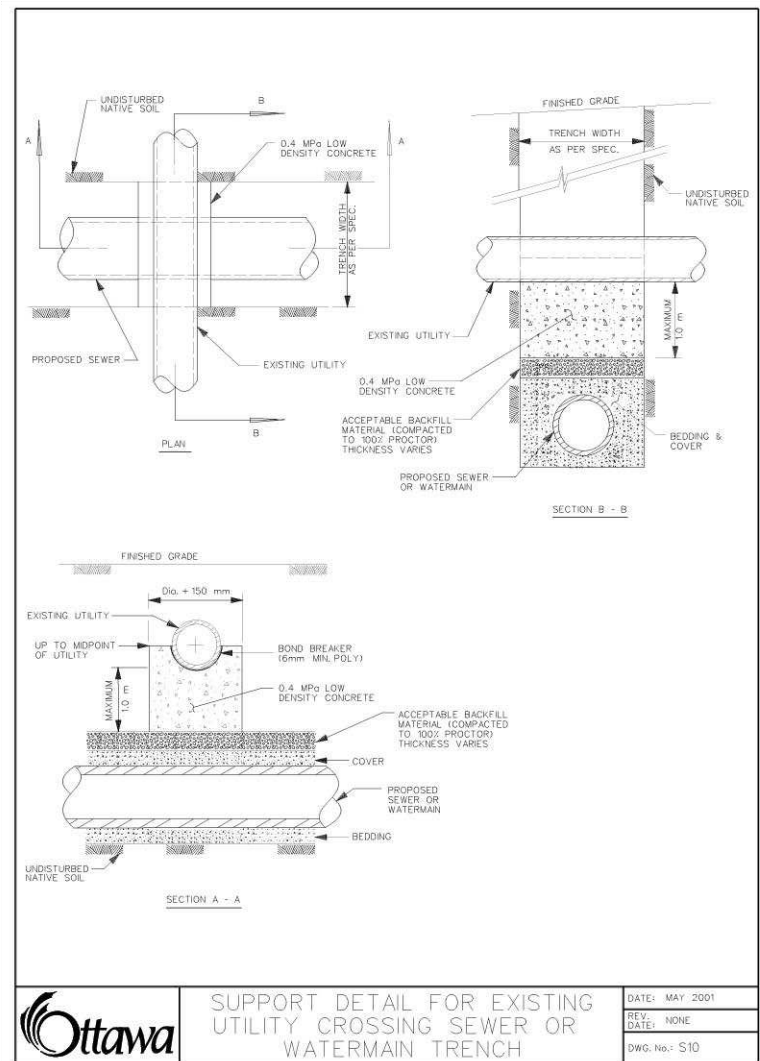
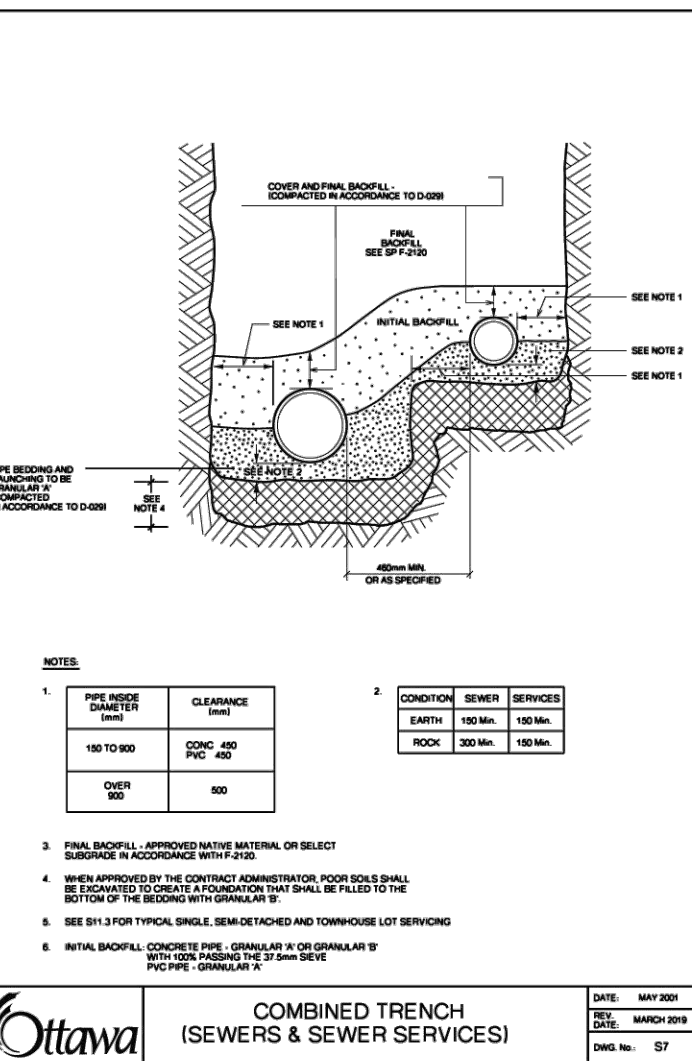
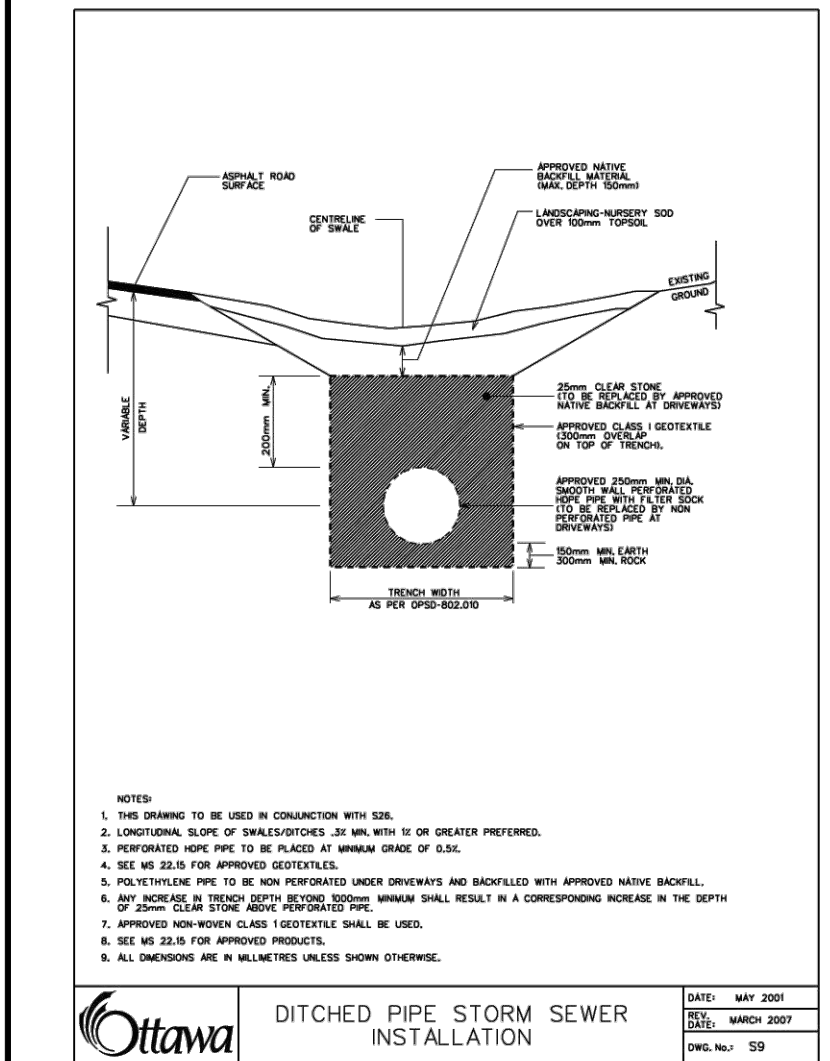
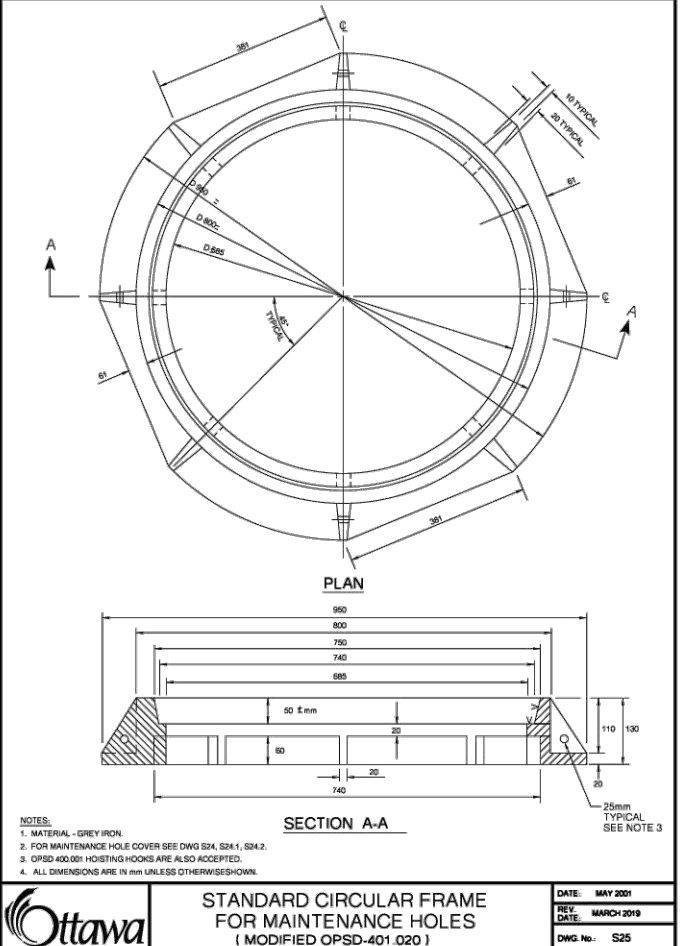
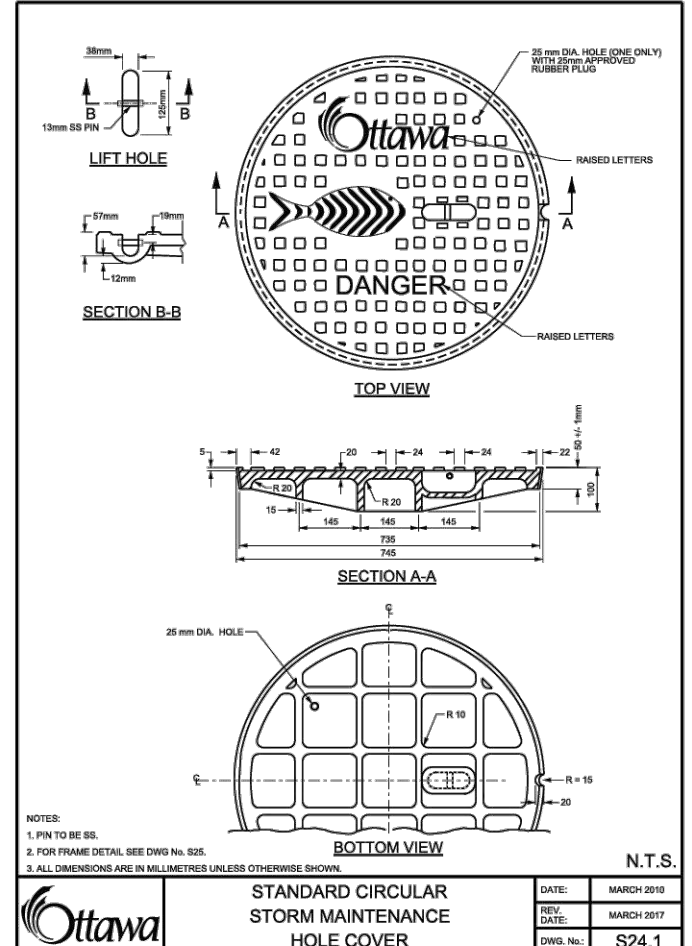
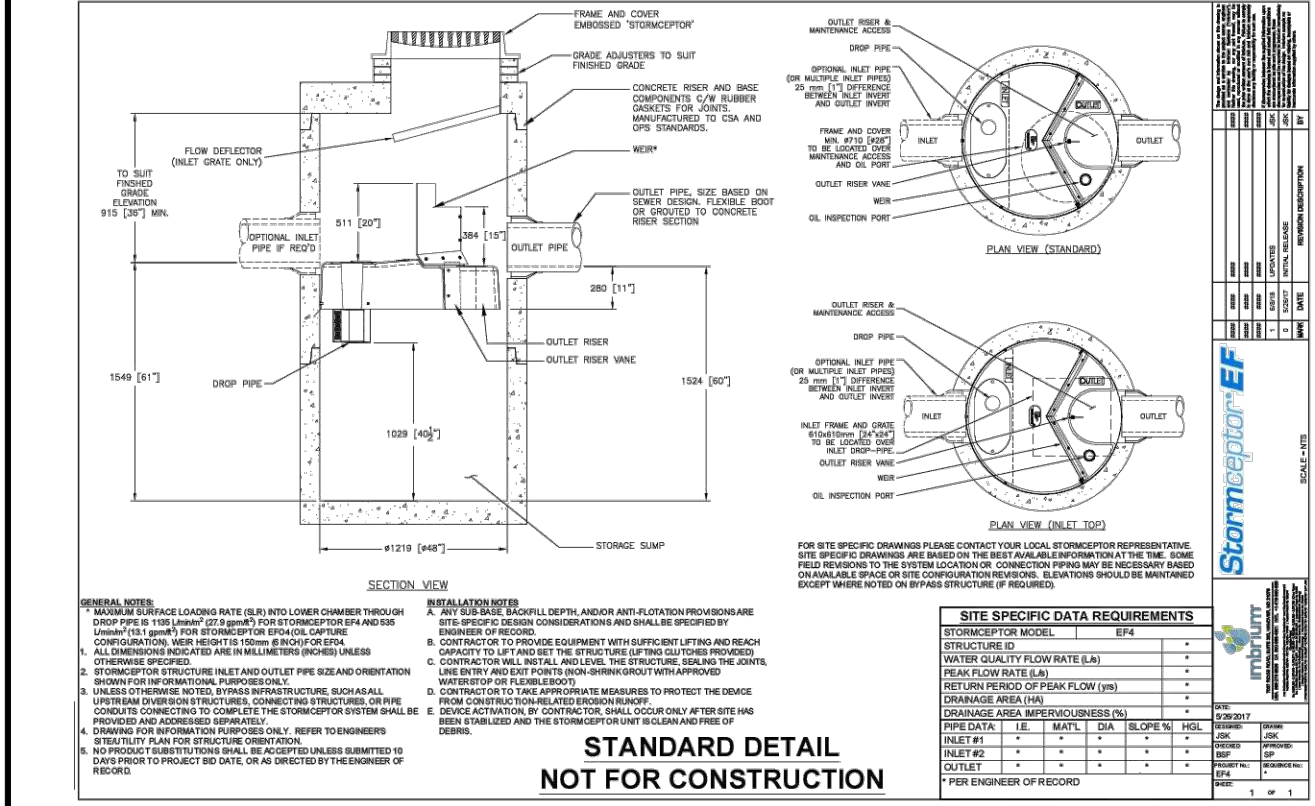
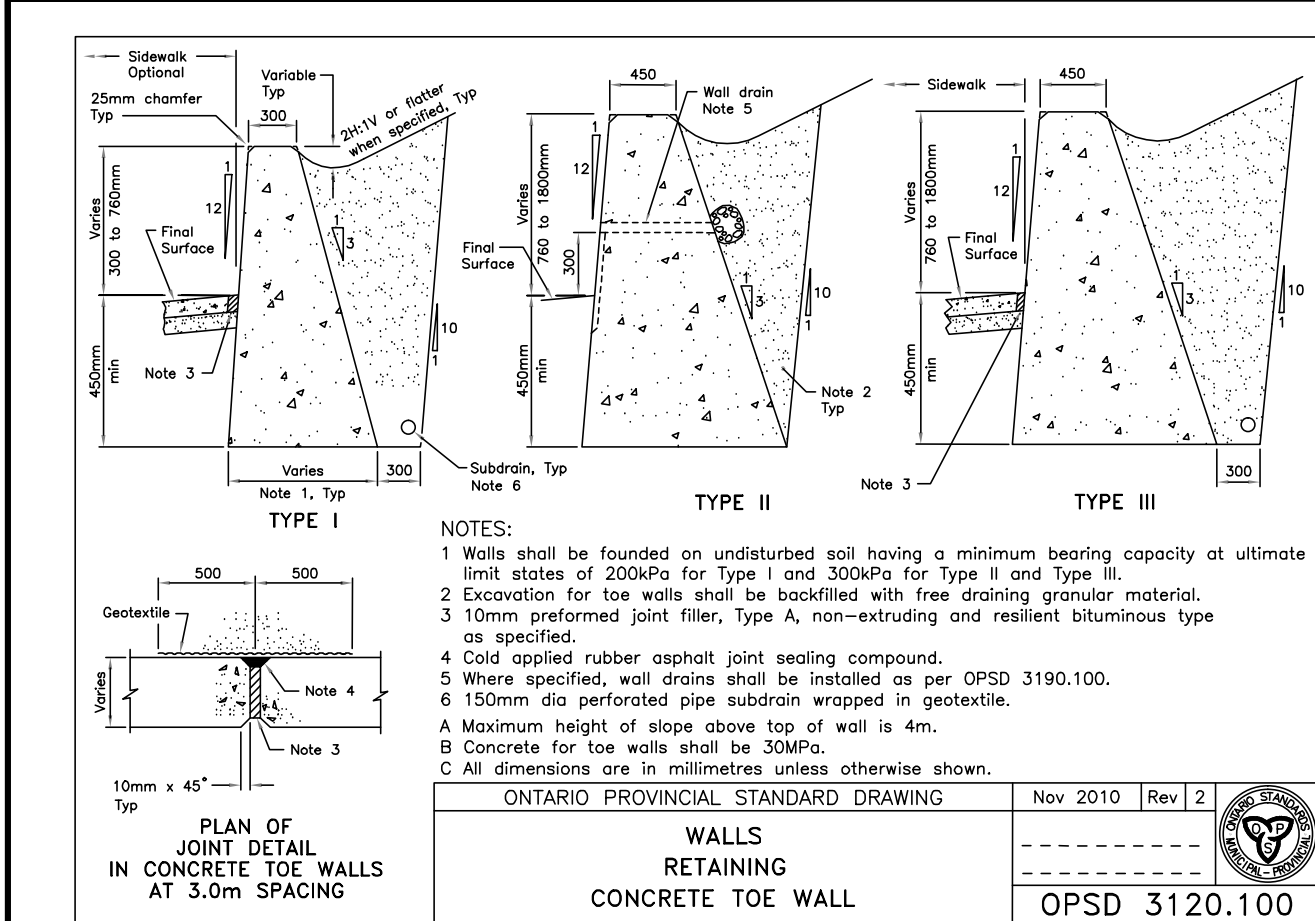
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TITLE

EXISTING CONDITIONS  
AND REMOVALS PLAN

|             |                 |
|-------------|-----------------|
| PROJECT No. | OTT-24006874-A0 |
| SURVEY      | AOV             |
| DATE        | 27/07/2023      |
| DRAWING No. | C000            |





- GENERAL NOTES:**
1. ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS), WHERE APPLICABLE.
  2. THE LOCATION OF UTILITIES IS APPROXIMATE ONLY, AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LOCATION AND STATUS OF UTILITIES AND SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION OF PLANT AND EQUIPMENT FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY SERVICES OR UTILITIES DISTURBED DURING CONSTRUCTION, TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.
  3. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF EXISTING SERVICES PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL CONFIRM LOCATIONS AND ELEVATIONS OF EXISTING SERVICES AND STRUCTURES TO BE CONNECTED TO AND EXISTING SERVICES THAT MAY BE DAMAGED OR CAUSE CONFLICTS PRIOR TO CONSTRUCTION OF ANY NEW SEWER, WATER AND/OR STORM WATER WORKS. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES, INTERPRETATIONS, CHANGES AND ADDITIONS TO THESE DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER, WHEN NOTED AND BEFORE PROCEEDING WITH CONSTRUCTION WORKS. DO NOT CONTINUE CONSTRUCTION IN AREAS WHERE DISCREPANCIES APPEAR UNTIL SUCH DISCREPANCIES HAVE BEEN RESOLVED.
  4. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED. ALL DRAWINGS SHOULD NOT BE SCALED BY THE CONTRACTOR. ANY MISSING OR QUESTIONABLE DIMENSIONS ARE TO BE CONFIRMED WITH THE ENGINEER IN WRITING.
  5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND BEAR COST OF THE SAME.
  6. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
  7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION, BACKFILL AND REINSTATEMENT OF ALL AREAS DISTURBED DURING CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER, THE CITY OF OTTAWA AND THE AUTHORITY HAVING JURISDICTION.
  8. ANY AREAS BEYOND THE LIMIT OF THE SITE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AT THE CONTRACTOR'S EXPENSE.
  9. THE CONTRACTOR SHALL COMPLY WITH THE CITY OF OTTAWA REQUIREMENTS FOR TRAFFIC CONTROL WHEN WORKING ON CITY STREETS. ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE M.T.O. BOOK 7 AND T.A.C. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST AMENDMENT).
  10. THE SUPPORT OF ALL UTILITIES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
  11. THERE WILL BE NO SUBSTITUTION OF MATERIALS UNLESS WRITTEN APPROVAL BY THE ENGINEER HAS BEEN OBTAINED.
  12. EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE.
  13. THE SITE LAYOUT IS THE RESPONSIBILITY OF THE CONTRACTOR. AS-BUILT SITE SERVICING & GRADING DRAWINGS SHALL BE MAINTAINED ON SITE BY THE CONTRACTOR.
  14. THE CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL BEDDING OR ADDITIONAL STRENGTH PIPE IF THE MAXIMUM TRENCH WIDTH, AS SPECIFIED BY OPSD, IS EXCEEDED.
  15. ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW WITH ENGINEER AND THE CITY OF OTTAWA PRIOR TO ANY TREE CUTTING.
  16. ALL EDGES OF DISTURBED PAVEMENT SHALL BE SAW CUT TO FORM A NEAT AND STRAIGHT LINE PRIOR TO PLACING NEW PAVEMENT.
  17. THE CONTRACTOR SHALL APPRAISE HIS/HERSELF OF ALL SURFACE AND SUBSURFACE CONDITIONS TO BE ENCOUNTERED. REFER TO GEOTECH INVESTIGATION REPORT PREPARED BY EXP SERVICES INC. DATED, JULY 19, 2024.
  18. DO NOT CONSTRUCT USING DRAWINGS THAT ARE NOT MARKED "ISSUED FOR CONSTRUCTION".
  19. FOR TOPOGRAPHICAL INFORMATION REFER TO PLAN PREPARED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. O.L.S (V-53820) SURVEY DATED JULY 27, 2023.
  20. CIVIL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, LANDSCAPE AND LEGAL DRAWINGS.
  21. ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW WITH CONTRACT ADMINISTRATOR AND THE CITY OF OTTAWA PRIOR TO ANY TREE CUTTING.
  22. STREET LIGHTING SHALL BE TO CITY OF OTTAWA STANDARDS.

- SANITARY SEWER NOTES**
1. ALL SANITARY SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS).
  2. ALL SANITARY SEWERS SHALL BE PVC SDR 35, IPEX "RING-TITE" (OR EQUIVALENT), AS PER CSA STANDARD 8182.2 OR LATEST AMENDMENT, UNLESS OTHERWISE NOTED.
  3. SANITARY SEWER TRENCH AND BEDDING SHALL BE AS PER CITY OF OTTAWA STD. 56 AND S7, CLASS 'B' BEDDING UNLESS OTHERWISE NOTED.
  4. ALL SANITARY LATERALS ARE TO BE PVC SDR 28, IPEX "RING-TITE" (OR EQUIVALENT), ANY COLOR EXCEPT WHITE AND MARKED WITH A 50mm X 100mm WOODEN MARKER, EXTENDING FROM THE INVERT TO 1.0 M ABOVE GRADE PAINTED RED.
  5. SEWER BEDDING AS PER CITY STANDARD 56 & S7. GRANULAR 'A' BEDDING TO BE INCREASED TO 300mm WHERE SEWERS ARE BELOW THE GROUNDWATER TABLE.
  6. SANITARY SEWER MANHOLES SHALL BE BENCHMARKED AS PER OPSD 701.021. SANITARY MANHOLE FRAME AND COVERS SHALL BE AS PER CITY OF OTTAWA STD. S24 AND S25. SAFETY PLATFORMS SHALL BE AS PER OPSD 404.02. DROP STRUCTURES SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA SPECIFICATIONS AND OPSD 1003.01.
  7. THE CONTRACTOR SHALL CONDUCT INFILTRATION/EXFILTRATION (AS PER CURRENT OPSS) TESTING ON ALL NEWLY INSTALLED SANITARY SEWERS. THE TEST SHALL BE PERFORMED IMMEDIATELY AFTER SEWER INSTALLATION AND VIEWED BY THE ENGINEER.
  8. THE CONTRACTOR SHALL CONDUCT CCTV INSPECTION OF ALL NEWLY INSTALLED SANITARY SEWERS AND EXISTING SEWERS CONNECTED TO. THE TEST SHALL BE PERFORMED IMMEDIATELY AFTER SEWERS INSTALLED.
  9. ALL SERVICE CONNECTIONS TO BE CONSTRUCTED AS PER CITY STANDARD S11 & S11.1.
  10. THE CONTRACTOR SHALL CONSTRUCT FLEXIBLE SANITARY SEWERS IN ACCORDANCE WITH OPSD 802.010 AND 802.013. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT THE PIPES FROM HEAVY CONSTRUCTION EQUIPMENT. BEDDING AND BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 95% SPMD.
  11. ALL SANITARY BUILDING DRAINS TO BE EQUIPPED WITH SANITARY BACKWATER VALVES INSTALLED PER CITY OF OTTAWA STANDARD DRAWING S14.1.
  12. WITHIN THE FROST ZONE, THE BACKFILL IN THE SERVICE TRENCHES SHOULD MATCH THE SOIL ON SIDES TO MINIMIZE DIFFERENTIAL FROST HEAVING IN THE SUBGRADE.
  13. MINIMUM SOIL COVER TO BE 2.1m TO PROTECT SEWERS FROM FROST DAMAGE. IN AREAS WHERE ADEQUATE FROST COVER CANNOT BE ACHIEVED, EQUIVALENT THERMAL INSULATION TO BE INSTALLED AS PER CITY OF OTTAWA STD. S35.
  14. THE CONTRACTOR SHALL CONDUCT CCTV INSPECTION OF ALL NEWLY INSTALLED SANITARY SEWERS AND EXISTING SEWERS CONNECTED TO. THE TEST SHALL BE PERFORMED IMMEDIATELY AFTER SEWERS INSTALLED.

- STORM SEWER NOTES**
1. ALL STORM SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS).
  2. ALL REINFORCED CONCRETE STORM SEWER PIPE SHALL BE IN ACCORDANCE WITH CSA A257.2 (LATEST AMENDMENT). PIPE SHALL BE JOINTED WITH STD. RUBBER GASKETS AS PER CSA A257.3 (LATEST AMENDMENT).
  3. ALL PVC STORM SEWERS ARE TO BE SDR 35 APPROVED PER C.S.A. 8182.2 OR LATEST AMENDMENT, UNLESS OTHERWISE SPECIFIED.
  5. SEWER BEDDING AS PER CITY STANDARD 56 & S7.
  6. ALL STORM LATERALS SHALL BE PVC SDR 28, WHITE IN COLOR AND MARKED WITH A 50mm X 100mm WOODEN MARKER EXTENDING FROM THE INVERT TO 1.0M ABOVE GRADE PAINTED GREEN.
  7. ALL SERVICE CONNECTIONS TO BE CONSTRUCTED AS PER CITY STANDARD S11 & S11.1.
  8. WITHIN THE FROST ZONE, THE BACKFILL IN THE SERVICE TRENCHES SHOULD MATCH THE SOIL ON SIDES TO MINIMIZE DIFFERENTIAL FROST HEAVING IN THE SUBGRADE.
  9. MINIMUM SOIL COVER TO BE 2.1m TO PROTECT SEWERS FROM FROST DAMAGE. IN AREAS WHERE ADEQUATE FROST COVER CANNOT BE ACHIEVED, EQUIVALENT THERMAL INSULATION TO BE INSTALLED AS PER CITY OF OTTAWA STD. S35.

**CAUTION**  
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**JOB BENCH MARK**  
FIRE HYDRANT TOP OF SPINDLE ELEVATION=65.17

**TOPOGRAPHIC INFORMATION**  
PART OF LOT 63, REGISTERED PLAN 96, CITY OF OTTAWA.  
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. O.L.S (V-53820) SURVEY DATED JULY 27, 2023.  
SITE GRID SYSTEM MTM NAD 83, ZONE 9,

| REV | REVISION DESCRIPTION | DATE     | BY | APPD | REV | REVISION DESCRIPTION | DATE | BY | APPD |
|-----|----------------------|----------|----|------|-----|----------------------|------|----|------|
| 1   | ISSUED FOR SPA       | 06/08/24 | AJ | AA   |     |                      |      |    |      |

DESIGNED BY  
A.K. SARIWALA  
100362090  
2024/08/06  
PROVINCE OF ONTARIO

REVIEWED BY  
M.A. ANSARI  
100362090  
2024/08/06  
PROVINCE OF ONTARIO

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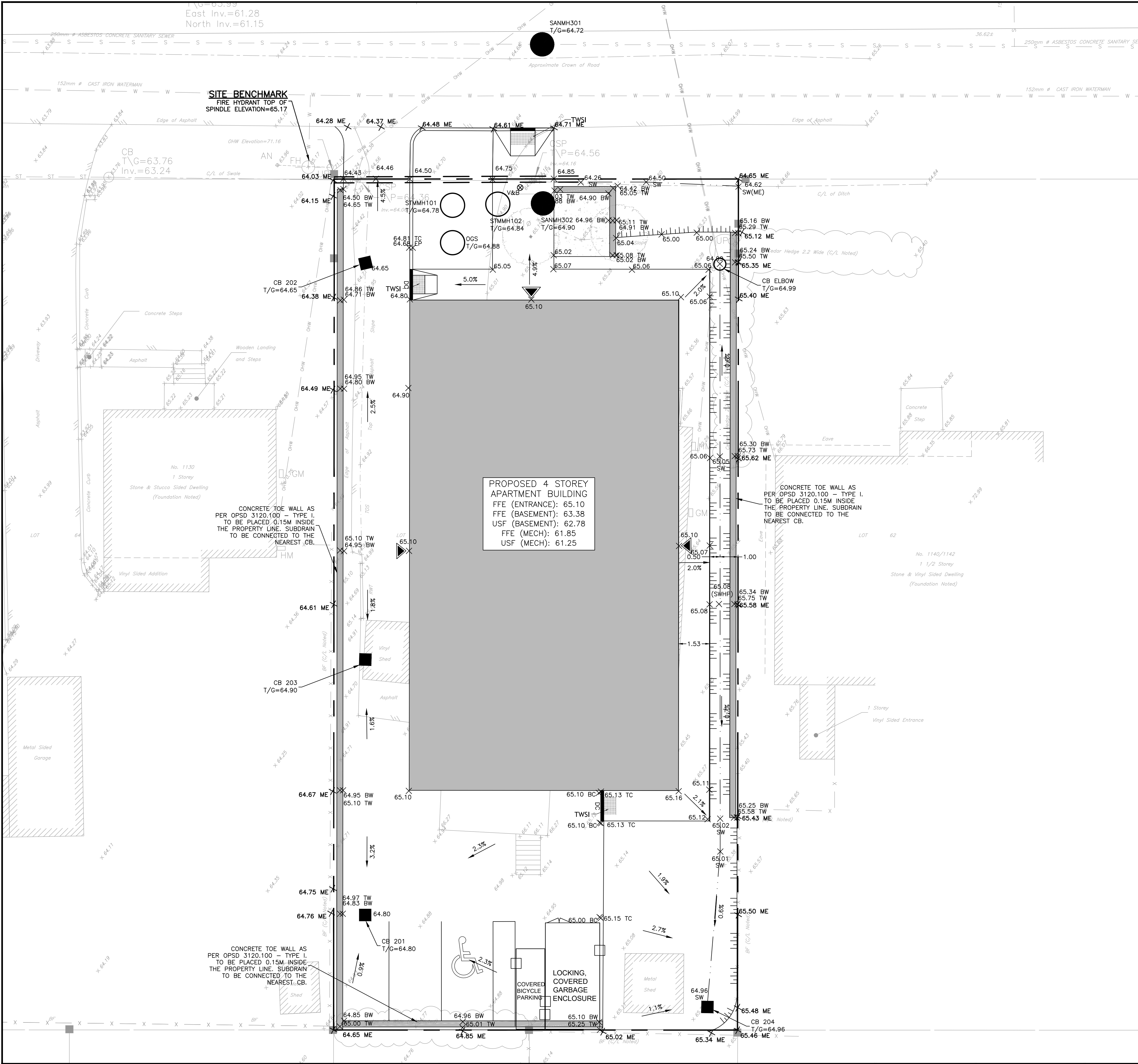
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| BASEPLAN        | PROJECT                                 | PROJECT NO.     |
|-----------------|---|-----------------|
| ZW              | 1136 GABRIEL STREET<br>OTTAWA, ONTARIO. | OTT-24006874-AD |
| DESIGN          | DATE                                    | DRAWING NO.     |
| ZW              | 27/07/2023                              | C001            |
| CHECKED         | DATE                                    | DRAWING NO.     |
| AJ              |   |                 |
| CAD             | DATE                                    | DRAWING NO.     |
| ZW              |   |                 |
| PROJECT MANAGER | DATE                                    | DRAWING NO.     |
| AJ              |   |                 |
| APPROVED        | DATE                                    | DRAWING NO.     |
| AA              |   |                 |









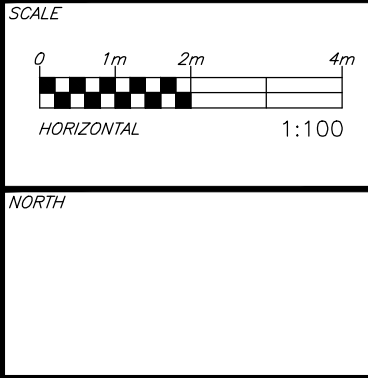
| LEGEND                               |  |
|--------------------------------------|--|
| PROPOSED ASPHALT AREA                |  |
| PROPOSED CONCRETE PAD                |  |
| PROPOSED BRICK INTERLOCK             |  |
| PROPOSED GRASS AREA                  |  |
| PROPERTY LINE                        |  |
| EXISTING SANITARY SEWER              |  |
| EXISTING STORM SEWER                 |  |
| EXISTING WATERMAIN                   |  |
| EXISTING FENCE                       |  |
| EXISTING TREE AND SHRUB              |  |
| EXISTING RETAINING WALL              |  |
| EXISTING OVERHEAD WIRE               |  |
| EXISTING ELEVATION                   |  |
| PROPOSED MAINTENANCE HOLE            |  |
| PROPOSED CATCHBASIN                  |  |
| PROPOSED TOP OF TERRACING            |  |
| PROPOSED TWSI                        |  |
| PROPOSED RETAINING WALL/CURB         |  |
| PROPOSED DRAINAGE FLOW               |  |
| PROPOSED SWALE                       |  |
| PROPOSED GROUND ELEVATION            |  |
| PROPOSED BOTTOM OF WALL ELEVATION    |  |
| PROPOSED TOP OF WALL ELEVATION       |  |
| PROPOSED BOTTOM OF CURB ELEVATION    |  |
| PROPOSED TOP OF CURB ELEVATION       |  |
| PROPOSED BOTTOM OF SWALE ELEVATION   |  |
| PROPOSED ELEVATION MATCH TO EXISTING |  |
| PROPOSED BUILDING ENTRANCE           |  |
| PROPOSED CULVERT                     |  |

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**JOB BENCH MARK** JBM▲  
FIRE HYDRANT TOP OF SPINDLE ELEVATION=65.17

**TOPOGRAPHIC INFORMATION**  
PART OF LOT 63, REGISTERED PLAN 96, CITY OF OTTAWA.  
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. O.L.S (V-53820) SURVEY DATED JULY 27, 2023.  
SITE GRID SYSTEM MTM NAD 83, ZONE 9,

| REV | REVISION DESCRIPTION | DATE     | BY | APPD | REV | REVISION DESCRIPTION | DATE | BY | APPD |
|-----|----------------------|----------|----|------|-----|----------------------|------|----|------|
| 1   | ISSUED FOR REVIEW    | 06/08/24 | AJ | AA   |     |                      |      |    |      |



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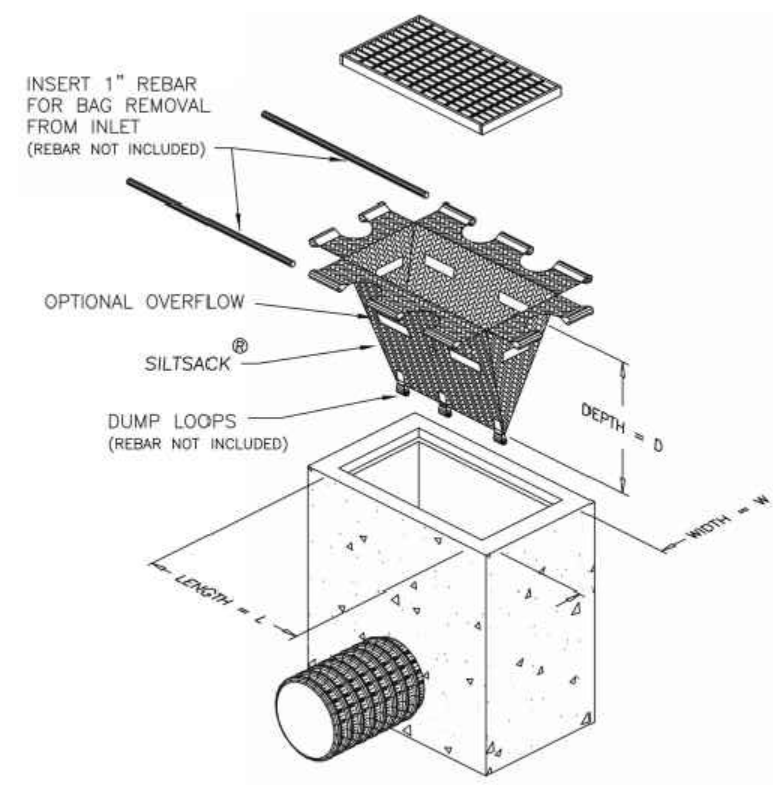
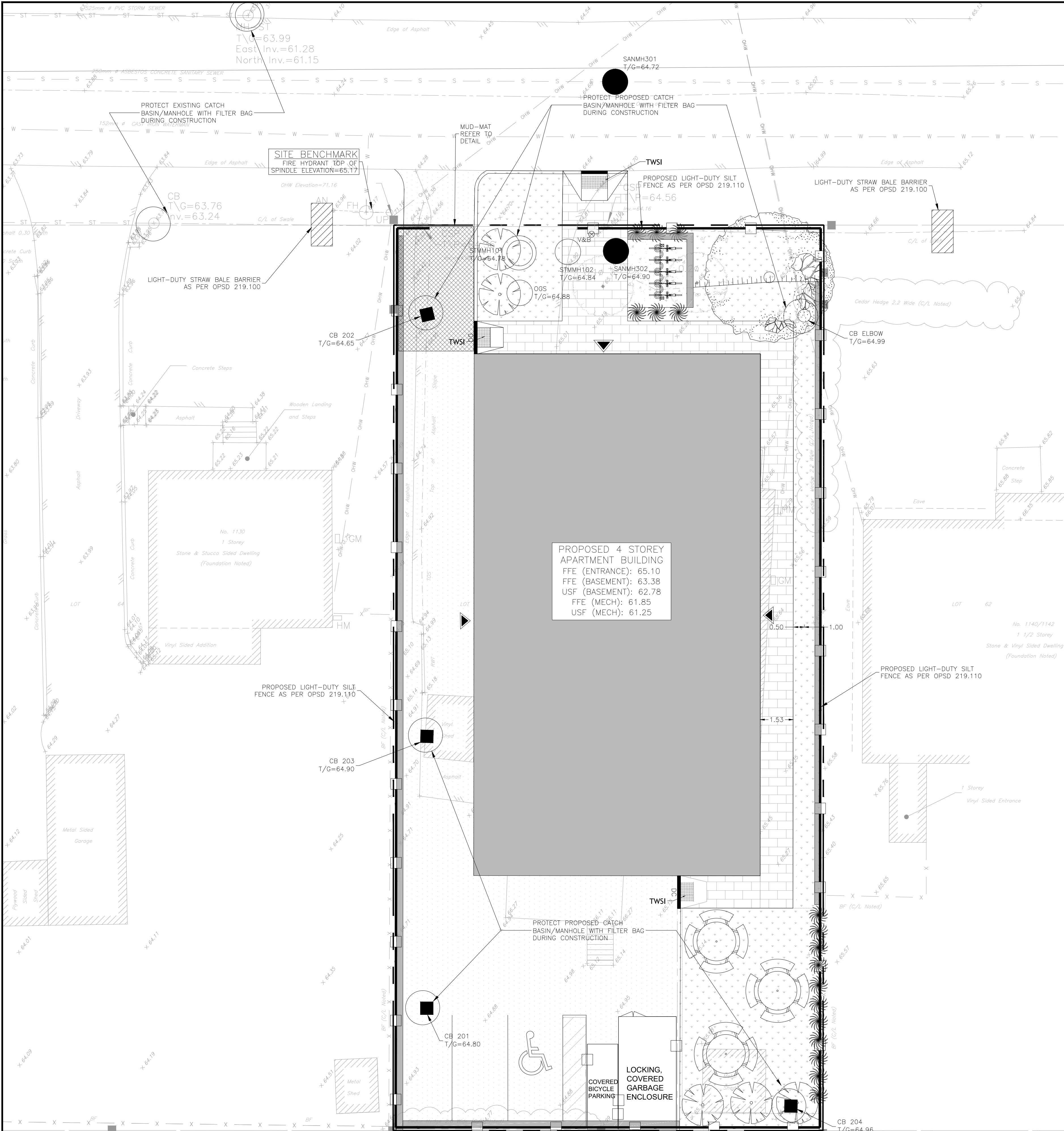
|                 |    |
|-----------------|----|
| BASEPLAN        | ZW |
| DESIGN          | ZW |
| CHECKED         | AJ |
| CAD             | ZW |
| PROJECT MANAGER | AJ |
| APPROVED        | AA |

**PROJECT**  
1136 GABRIEL STREET  
OTTAWA, ONTARIO.

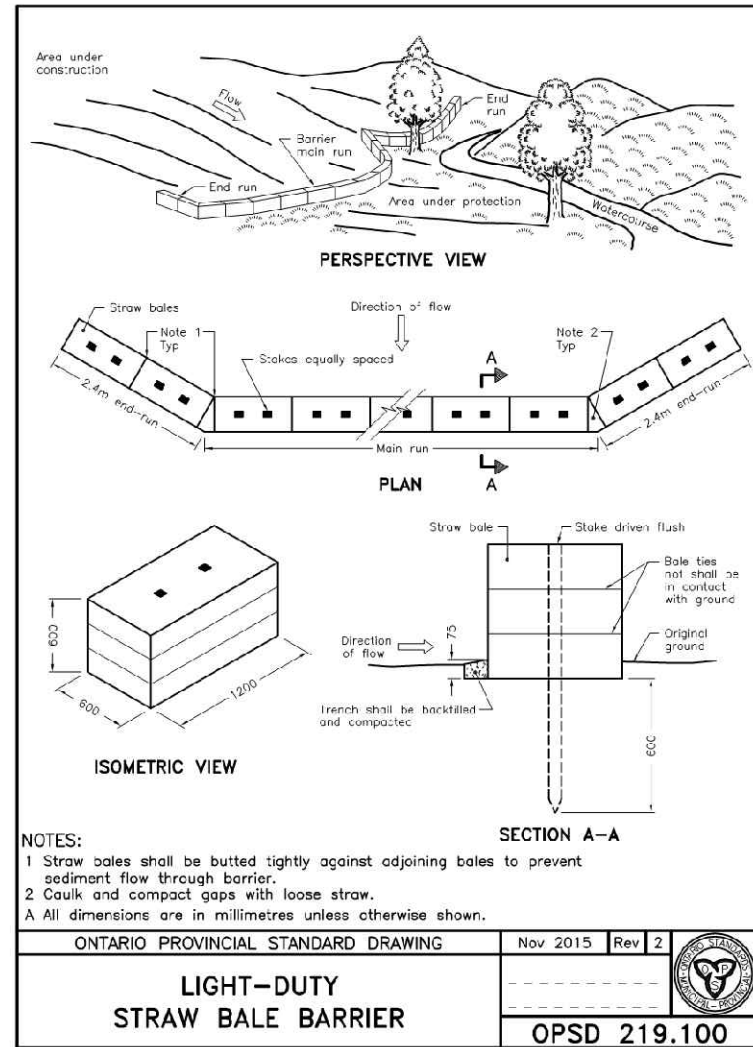
**SITE GRADING PLAN**

**PROJECT No.** OTT-24006874-AD  
**SURVEY** ADV  
**DATE** 27/07/2023  
**DRAWING No.** C200

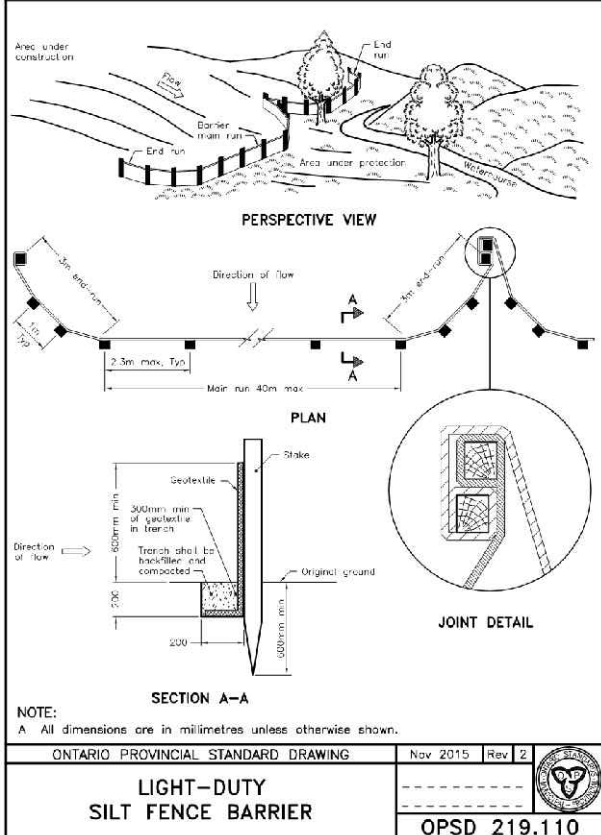




FILTER BAG DETAIL  
N.T.S



LIGHT-DUTY  
STRAW BALE BARRIER  
OPSD 219.100



LIGHT-DUTY  
SILT FENCE BARRIER  
OPSD 219.110

- NOTES:
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO WOOD POSTS WITH WIRE TIES OR STAPLES.
  2. POSTS TO BE SPACED AT 2.3 METRES CENTRE TO CENTRE.
  3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY A MINIMUM OF 500mm.
  4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
  5. WOOD POSTS TO BE HARDWOOD TYPE (50mm x 50mm).
  6. GEOTEXTILE TO BE EMBEDDED 200mm INTO GROUND.
  7. GEOTEXTILE TO CONFORM TO OPSS 805 STANDARDS.
  8. SILT FENCE MUST BE INSTALLED BEFORE COMMENCEMENT OF CONSTRUCTION AND IN ACCORDANCE WITH DETAIL. SILT FENCE CAN BE REMOVED AFTER LANDSCAPING IS COMPLETE.
  9. SEDIMENTS MUST BE CLEARED AWAY WHEN THEY REACH HALF THE HEIGHT OF THE FENCE.



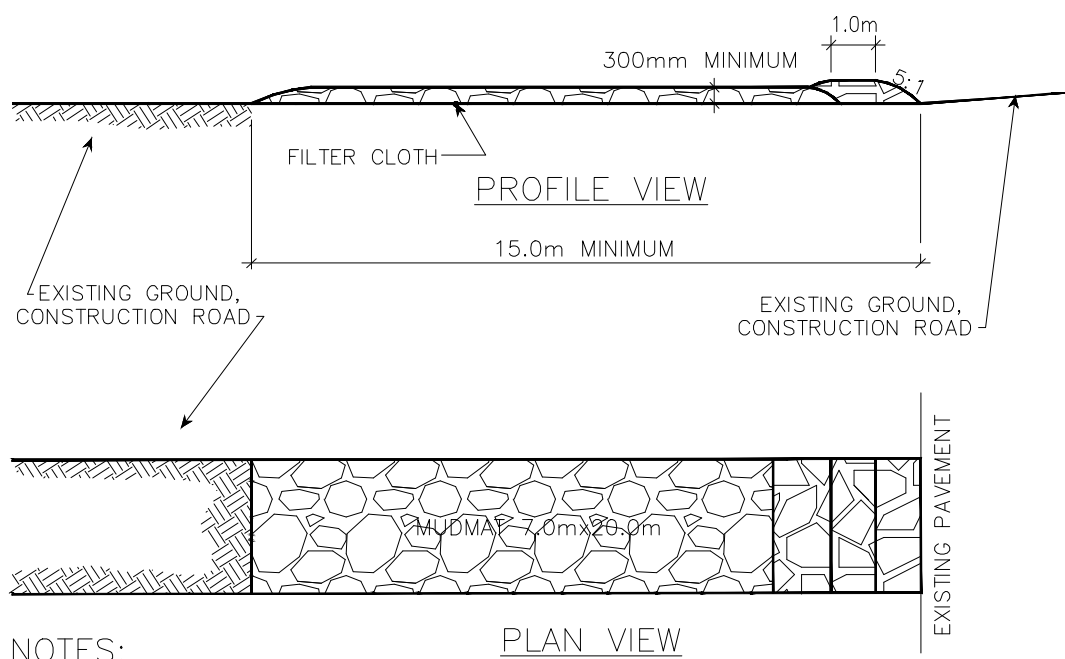
LEGEND

|                          |          |
|--------------------------|----------|
| PROPERTY LINE            | ---      |
| EXISTING SANITARY SEWER  | SA SA    |
| EXISTING STORM SEWER     | ST ST    |
| EXISTING WATERMAIN       | W W      |
| EXISTING FENCE           | X X      |
| EXISTING TREE AND SHRUB  | [Symbol] |
| EXISTING RETAINING WALL  | RWT      |
| EXISTING OVERHEAD WIRE   | OH OH    |
| EXISTING ELEVATION       | X 65.45  |
| PROPOSED SILT FENCE      | [Symbol] |
| PROPOSED ASPHALT AREA    | [Symbol] |
| PROPOSED CONCRETE PAD    | [Symbol] |
| PROPOSED BRICK INTERLOCK | [Symbol] |
| PROPOSED GRASS AREA      | [Symbol] |

EROSION AND SEDIMENT CONTROLS  
DURING CONSTRUCTION.

DURING ALL CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATION SHALL BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

1. LIMITING THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATION OF EXPOSED AREAS AS SOON AS POSSIBLE.
3. MINIMIZATION OF AREA TO BE CLEARED AND DISRUPTION TO ADJACENT AREAS.
4. INSTALLATION OF FILTER CLOTH BETWEEN FRAME AND COVER ON ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES.
5. A SILT FENCE TO BE INSTALLED 0.3m INSIDE THE SITE PROPERTY LINE TO LOCATIONS SHOWN ON THIS DRAWING.
6. A VISUAL INSPECTION SHALL BE COMPLETED DAILY ON SEDIMENT CONTROL BARRIERS AND ANY DAMAGE REPAIRED IMMEDIATELY. CARE WILL BE TAKEN TO PREVENT DAMAGE DURING CONSTRUCTION OPERATIONS.
7. IN SOME CASES SOME BARRIERS MAY BE REMOVED TEMPORARILY TO ACCOMMODATE THE CONSTRUCTION OPERATIONS. THE AFFECTED BARRIERS WILL BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED.
8. THE SEDIMENT CONTROL DEVICES WILL BE CLEANED OF ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OF AS PER THE REQUIREMENTS OF THE CONTRACT.
9. DURING THE COURSE OF CONSTRUCTION IF THE ENGINEER BELIEVES THAT ADDITIONAL PREVENTION METHODS ARE REQUIRED TO CONTROL EROSION AND SEDIMENTATION, THE CONTRACTOR WILL INSTALL ADDITIONAL SILT FENCES OR OTHER METHODS AS REQUIRED TO THE SATISFACTION OF THE ENGINEER.
10. CONSTRUCTION AND MAINTENANCE REQUIREMENTS FOR EROSION AND SEDIMENT CONTROLS TO COMPLY WITH ONTARIO PROVINCIAL STANDARD SPECIFICATION (OPSS) OPSS 805, AND CITY OF OTTAWA SPECIFICATIONS.
11. SEDIMENT AND EROSION CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY.



PROFILE VIEW  
PLAN VIEW

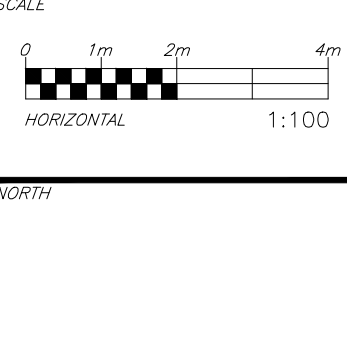
- NOTES:
1. STONE - USE CLEAR CRUSHED 100mm STONE.
  2. LENGTH - AS REQUIRED BUT NOT LESS THAN 15.0m.
  3. THICKNESS - NOT LESS THAN 300mm.
  4. WIDTH - 7.0m MINIMUM, NOT LESS THAN THE WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
  5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
  6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRED PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
  7. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

MUD MAT DETAIL  
N.T.S

CAUTION  
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JOB BENCH MARK  
FIRE HYDRANT TOP OF SPINDLE ELEVATION=65.17  
TOPOGRAPHIC INFORMATION  
PART OF LOT 63, REGISTERED PLAN 96, CITY OF OTTAWA.  
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. O.L.S (V-53820) SURVEY DATED JULY 27, 2023.  
SITE GRID SYSTEM MTM NAD 83, ZONE 9.

| REV | REVISION DESCRIPTION | DATE     | BY | APPD |
|-----|----------------------|----------|----|------|
| 1   | ISSUED FOR SPA       | 06/08/24 | AJ | AA   |



DESIGNED BY  
A. K. JARIWALA  
100562090  
2024/08/06  
PROVINCE OF ONTARIO

REVIEWED BY  
M.A. ANSARI  
2024/08/06  
PROVINCE OF ONTARIO

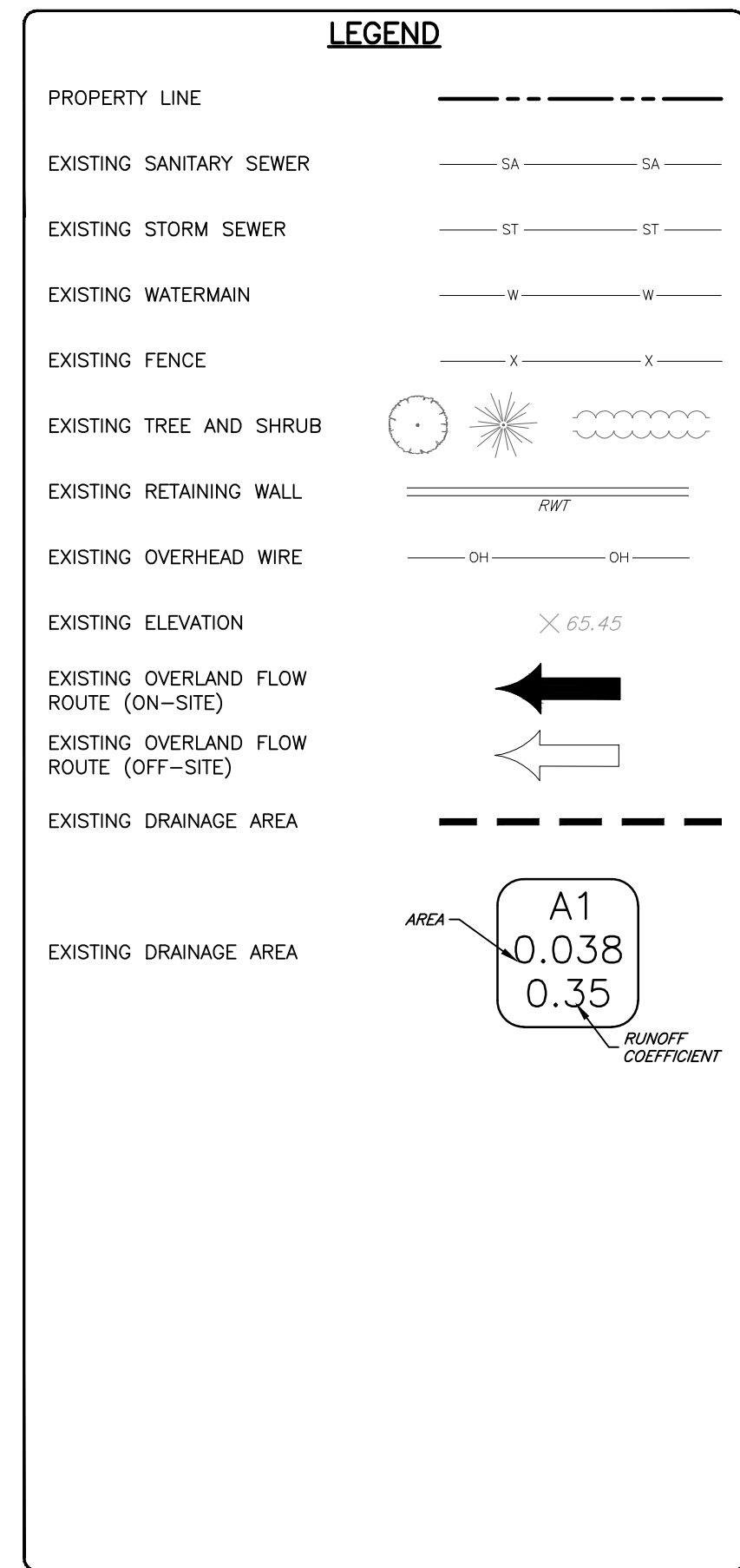
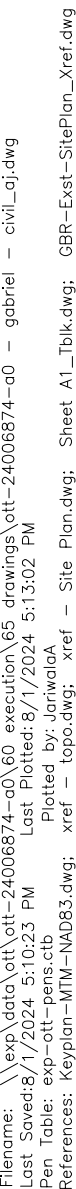
CLIENT  
Pulse Societies Ltd.  
135 LAURIE AVE W, SUITE 100  
OTTAWA, ONTARIO K1P 5J2

|                 |    |
|-----------------|----|
| BASEPLAN        | ZW |
| DESIGN          | ZW |
| CHECKED         | AJ |
| CAD             | ZW |
| PROJECT MANAGER | AA |
| APPROVED        | AA |

1136 GABRIEL STREET  
OTTAWA, ONTARIO.  
EROSION AND SEDIMENT  
CONTROL PLAN  
C300

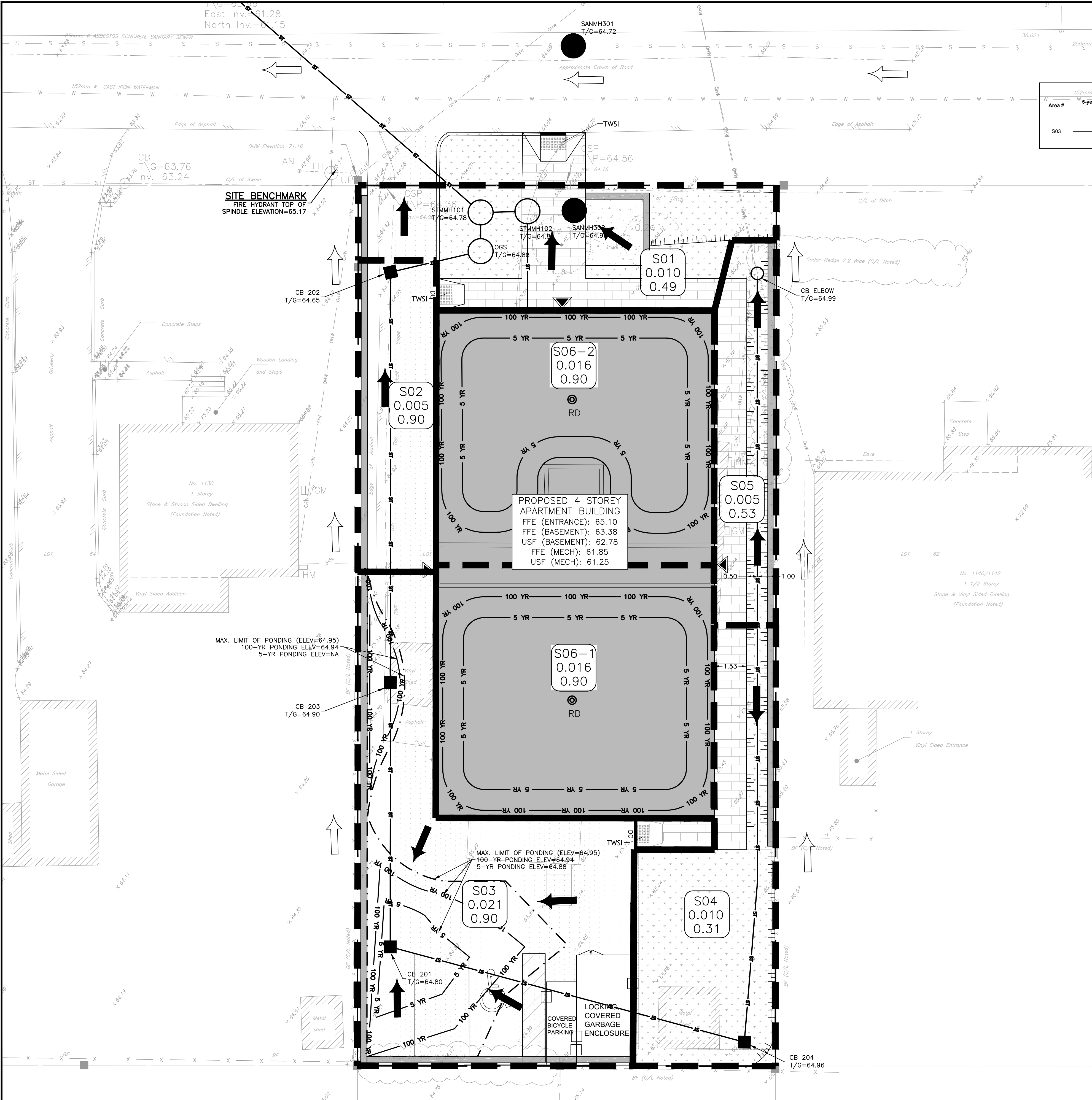
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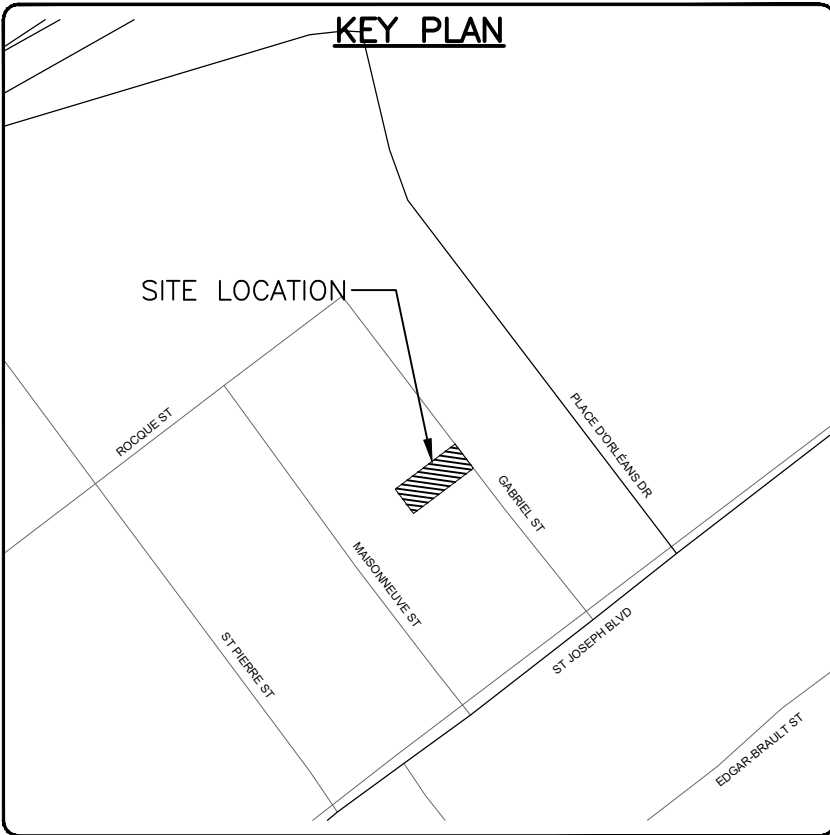
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| PROJECT No.     |            |
| OTT-24006874-A0 |            |
| SURVEY          | AOV        |
| DATE            | 27/07/2023 |
| DRAWING No.     |            |
| C400            |            |





| ROOF PONDING TABLE |                           |                             |                |                       |               |
|--------------------|---------------------------|-----------------------------|----------------|-----------------------|---------------|
| Area #             | 5-year Ponding Depth (mm) | 100-year Ponding Depth (mm) | Weir Type      | No of Weirs per Drain | Weir Position |
| S06-1              | 111                       | 148                         | WATTS ACCUTROL | 1                     | 3-1/4 open    |
| S06-2              | 111                       | 148                         | WATTS ACCUTROL | 1                     | 3-1/4 open    |

| SURFACE PONDING TABLE |                           |                          |                             |                            |                |                     |
|-----------------------|---------------------------|--------------------------|-----------------------------|----------------------------|----------------|---------------------|
| Area #                | 5-year Ponding Depth (mm) | 5-year Ponding Area (m2) | 100-year Ponding Depth (mm) | 100-year Ponding Area (m2) | Control Type   | Ponding Location    |
| S03                   | NA                        | NA                       | 40 (Elev.=64.94)            | 8                          | ICD (at CB203) | CB-203 (T/G=64.90m) |
|                       | 88 (Elev.=64.88)          | 15                       | 140 (Elev.=64.94)           | 41                         | ICD (at CB203) | CB-201 (T/G=64.80m) |

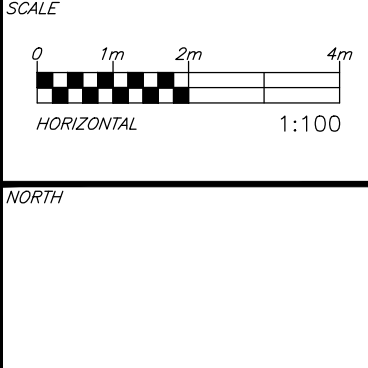


| LEGEND                                  |  |
|---|--|
| PROPOSED ASPHALT AREA                   |  |
| PROPOSED CONCRETE PAD                   |  |
| PROPOSED BRICK INTERLOCK                |  |
| PROPOSED GRASS AREA                     |  |
| PROPERTY LINE                           |  |
| EXISTING SANITARY SEWER                 |  |
| EXISTING STORM SEWER                    |  |
| EXISTING WATERMAIN                      |  |
| EXISTING FENCE                          |  |
| EXISTING TREE AND SHRUB                 |  |
| EXISTING RETAINING WALL                 |  |
| EXISTING OVERHEAD WIRE                  |  |
| EXISTING ELEVATION                      |  |
| PROPOSED MAINTENANCE HOLE               |  |
| PROPOSED CATCHBASIN                     |  |
| PROPOSED TERRACING                      |  |
| PROPOSED TWSI                           |  |
| PROPOSED RETAINING WALL/CURB            |  |
| PROPOSED DRAINAGE SLOPE                 |  |
| PROPOSED SWALE                          |  |
| PROPOSED OVERLAND FLOW ROUTE (ON-SITE)  |  |
| PROPOSED OVERLAND FLOW ROUTE (OFF-SITE) |  |
| PROPOSED CATCHMENT BOUNDARY             |  |
| PROPOSED CATCHMENT AREA                 |  |
| BUILDING ENTRANCE                       |  |

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**JOB BENCH MARK** JBM▲  
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|-----|----------------------|----------|----|------|-----|----------------------|------|----|------|
| 1   | ISSUED FOR SPA       | 06/08/24 | AJ | AA   |     |                      |      |    |      |



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| PROJECT         |    | PROJECT |   |
|-----------------|----|---------|---|
| BASEPLAN        | ZW | PROJECT | 1136 GABRIEL STREET<br>OTTAWA, ONTARIO. |
| DESIGN          | ZW |         |   |
| CHECKED         | AJ |         |   |
| CAD             | ZW |         |   |
| PROJECT MANAGER | AJ |         |   |
| APPROVED        | AA |         |   |

**POST-DEVELOPMENT DRAINAGE PLAN**

**C500**