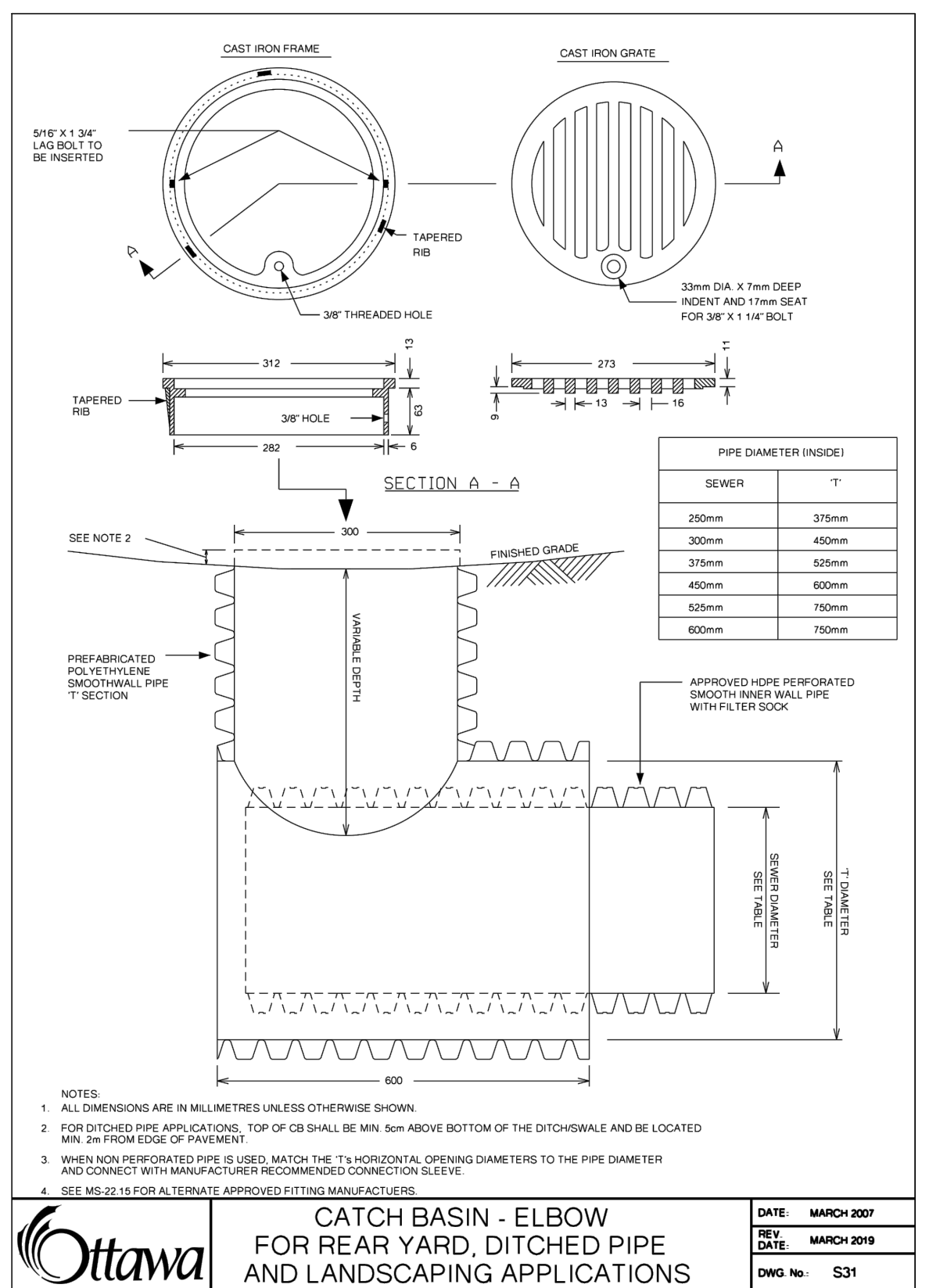
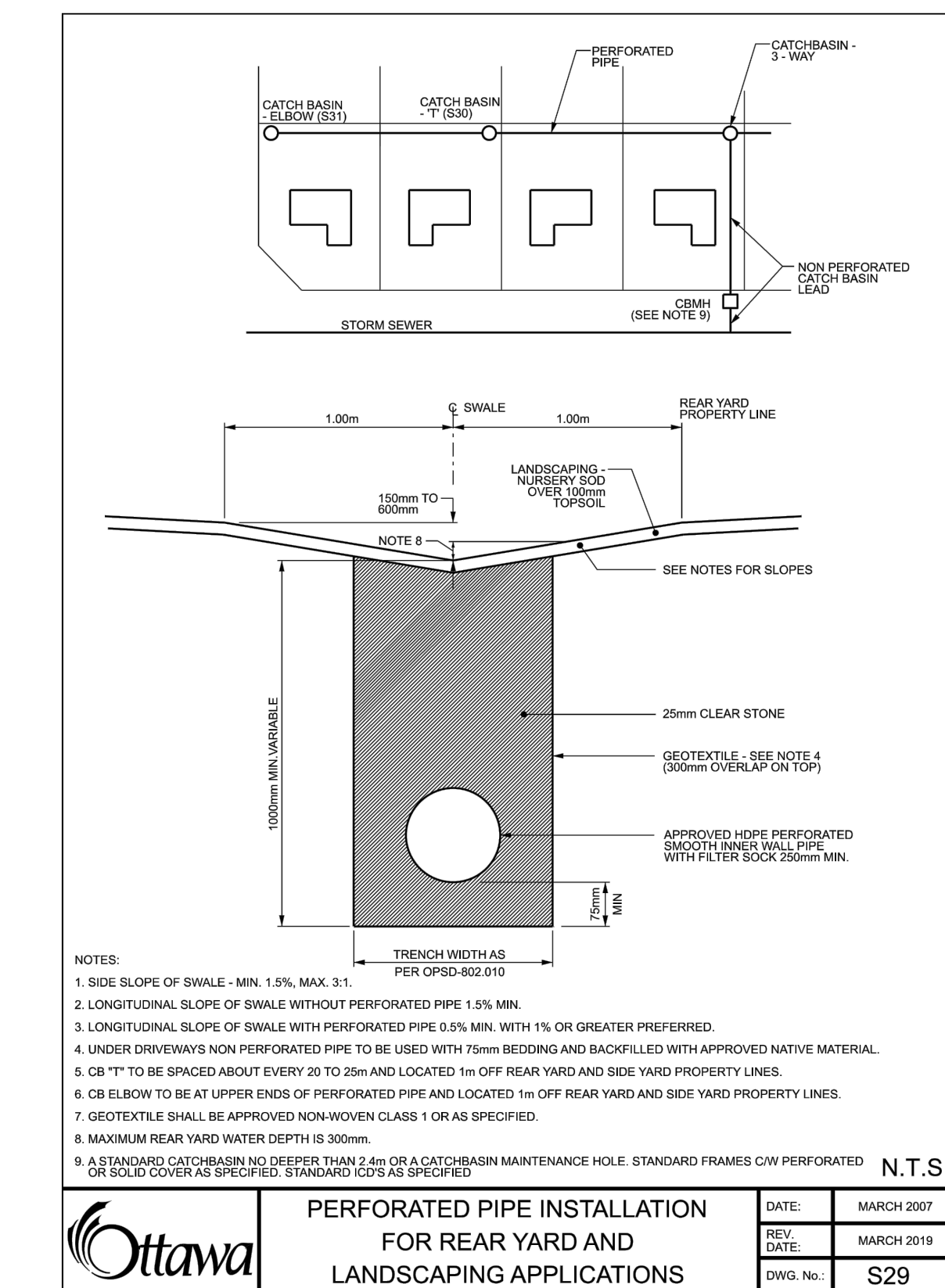
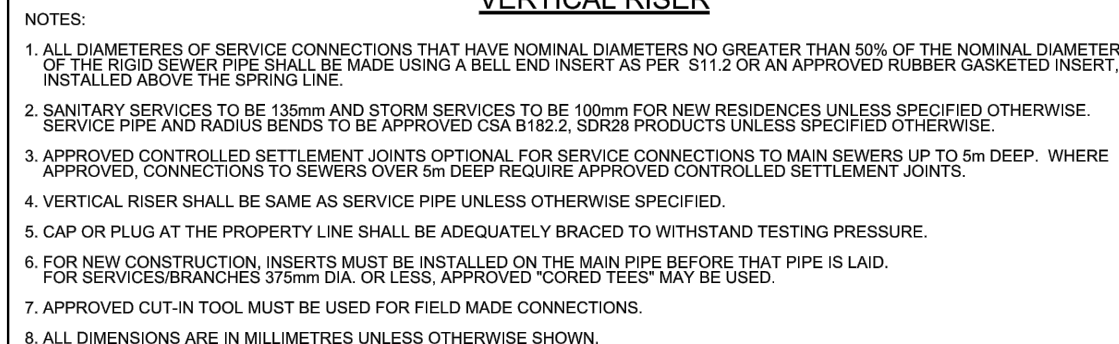


1. COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
2. DETERMINE THE EXIST LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES: WHETHER OR NOT SHOWN ON THIS DRAWING.
3. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.
4. BEFORE COMMENCING CONSTRUCTION OBTAIN AND PROVIDE PROOF OF COMPREHENSIVE, ALL RISK AND OPERATIONAL LIABILITY INSURANCE FOR \$2,000,000.00. INSURANCE POLICY TO NAME OWNERS, ENGINEERS AND ARCHITECTS AS CO-INSURED.
5. RESTORE ALL DISTURBED AREAS ON-SITE AND OFF-SITE, INCLUDING TRENCHES AND SURFACES ON PUBLIC ROAD ALLOWANCES TO EXISTING CONDITIONS OR BETTER TO THE SATISFACTION OF THE CITY OF OTTAWA AND ENGINEER.
6. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL, ORGANIC MATERIAL AND DEBRIS UNLESS OTHERWISE INSTRUCTED BY ENGINEER. STOCKPILE AND REMOVE FROM SITE ANY CONTAMINATED MATERIAL. ALL CONTAMINATED MATERIAL SHALL BE DISPOSED OF AT A LICENSED LANDFILL FACILITY.
7. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
8. ALL ELEVATIONS ARE GEODETIC. THE SITE BENCHMARKS ARE THE FIRE HYDRANT TOP OF SPINDLE, BM NO 1 IS LOCATED APPROXIMATELY 105m FROM MERIVALE RD AND CLYDE AVE INTERSECTION, LOCATED ON THE EAST SIDE OF CLYDE AVE, BM NO 2 IS LOCATED AT THE EAST SIDE OF CLYDE AVE AND APPROXIMATELY 150m FROM BASLINE ROAD AND CLYDE AVE INTERSECTION. BM NO 1 ELEVY = 85.06, BM NO 2 ELEVY = 86.25. REFER TO ANNIE OUSILLIAN, VOLLEBEEK LTD. TOPOGRAPHICAL PLAN OF SURVEY PART OF LOTS 18 AND 19, AND 21 REGISTERED PLAN 30 CITY OF OTTAWA.
9. REFER TO GEOTECHNICAL INVESTIGATION REPORT PATTERSON GROUP, REPORT P55661-1, DATED FEBRUARY 23, 2021 FOR SUBSURFACE CONDITIONS, CONSTRUCTION RECOMMENDATIONS AND GEOTECHNICAL SPECIFICATION REQUIREMENTS. THE GEOTECHNICAL CONSULTANT IS TO REVIEW ON-SITE CONDITIONS AFTER EXCAVATION PRIOR TO PLACEMENT OF THE GRANULAR MATERIAL.
10. REFER TO ARCHITECTS AND LANDSCAPE ARCHITECT'S DRAWINGS FOR BUILDING AND HARD SURFACE AREAS AND DIMENSIONS.
11. REFER TO THE STORMWATER MANAGEMENT REPORT R-2023-152, DATED MARCH 18, 2025 PREPARED BY NOVATECH.
12. SAW CUT AND KEYGRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS (#10 AND #20).
13. PROVIDE LANDPARKING PAINTING.
14. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES INDICATING ALL SERVING AS-BUILT INFORMATION SHOWN ON THIS PLAN, AS-BUILT INFORMATION MUST INCLUDE: PIPE MATERIAL, SIZES, LENGTHS, SLOPES, INVERT AND TIG ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, TWM ELEVATIONS AND ANY ALIGNMENT CHANGES, ETC.
15. CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT FOR CONSTRUCTION PURPOSES.

| 1. SUPPLY AND CONSTRUCT ALL SEWERS AND APPURTENANCES IN ACCORDANCE WITH THE MOST CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. |                                       |                |  |
|---|---------------------------------------|----------------|--|
| 2. SPECIFICATIONS:  |                                       |                |  |
|   | SPEC. NO.                             | REFERENCE      |  |
| SANITARY/STORM/CATCH-BASIN MANHOLE (12000)  | 701.010                               | OPSD           |  |
| STORM MANHOLE (15000)   | 701.011                               | OPSD           |  |
| STORM MANHOLE (18000)   | 701.012                               | OPSD           |  |
| CATCH-BASIN (60x60x60)  | 705.010                               | OPSD           |  |
| DOUBLE CATCH BASIN (600 X 1450)   | 705.010                               | OPSD           |  |
| CATCH-BASIN FRAME AND COVER   | 400.020                               | OPSD           |  |
| STORM/SANITARY INH FRAME  | S24                                   | CITY OF OTTAWA |  |
| CATCH-BASIN COVER   | S24                                   | CITY OF OTTAWA |  |
| STORM COVER (CLOSED)  | S24.1                                 | CITY OF OTTAWA |  |
| STORM COVER (OPEN)  | S26.1                                 | CITY OF OTTAWA |  |
| SEWER TRENCH  | 56.857                                | CITY OF OTTAWA |  |
| STORM SEWER < 450mmØ  | PVC DR 36 UNLESS SPECIFIED OTHERWISE  | CITY OF OTTAWA |  |
| STORM SEWER >= 450mmØ   | CONC 650 (UNLESS SPECIFIED OTHERWISE) | CITY OF OTTAWA |  |
| SANITARY SEWER  | PVC DR 36                             | CITY OF OTTAWA |  |
| CATCH-BASIN LEAD  | PVC DR 36                             | CITY OF OTTAWA |  |
| CATCH-BASIN COVER   | R19                                   | CITY OF OTTAWA |  |
| ROAD SUBGRADE (CONTINUOUS)  | S11                                   | CITY OF OTTAWA |  |
| WATERTIGHT FRAME & COVER  | 401.030                               | OPSD           |  |

- INSULATE ALL PIPES (SANSTM) THAT HAVE LESS THAN 2.0m COVER WITH 50mmX1200mm X40 INSULATION. PROVIDE 150MM CLEARANCE BETWEEN PIPE AND INSULATION (REFER TO DETAIL).
- SERVICES ARE TO BE CONSTRUCTED TO 1.0m FROM FACE OF BUILDING AT A MINIMUM SLOPE OF 1.0% (2.0% PREFERRED)
- ALL STORM AND SANITARY LATERALS SHALL BE EQUIPPED WITH BACKFLOW PREVENTION DEVICES AS PER THE CITY OF OTTAWA STANDARD DETAILS 15-1 AND 31-1 OR 31-2.
- A MINIMUM OF 100 mm OF OPSS GRANULAR A-SHALE IS TO BE PLACED FOR BEDDING FOR SEWER OR WATER PIPES WHEN PLACED ON SOIL SUBGRADE. IF THE BEDDING IS PLACED ON BEDROCK, THE THICKNESS OF THE BEDDING SHOULD BE 100 MM. THE BEDDING SHALL BE COMPACTED TO 95% OF THE SPMD. THE EXISTING LOCATION OF THE PIPS, COVER MATERIAL FROM THE SPRING LINE TO A MINIMUM OF 30cm ABOVE THE OVERTOP OF THE PIPE SHOULD CONSIST OF OPSS GRANULAR A (CONCRETE OR PSMA PVC PIPES) OR SAND (CONCRETE PIPE). THE BEDDING AND COVER MATERIALS SHOULD BE PLACED IN MINIMUM 100mm MAXIMUM OF 30cm COMPACTED TO 95% OF THE SPMD. THE USE OF CLEAR GRAVELLED STONE AS A BEDDING LAYER SHALL NOT BE PERMITTED.
- WHERE HARD SURFACE AREAS ARE CONSIDERED ABOVE THE TRENCH BACKFILL, THE TRENCH BACKFILL MATERIAL WITHIN THE FROST ZONE (ABOUT 1 m below FINISHED GRADE) SHOULD MATCH THE SOLS EXPOSED AT THE TRENCH WALLS TO PREVENT DIFFERENTIAL SETTLEMENT. THEREFORE, THE TRENCH BACKFILL SHALL BE PLACED IN MAXIMUM 300mm THICK LOOSE FILLS AND COMPACTED TO A MINIMUM OF 95% OF THE SPMD.
- FLEXIBLE CONNECTIONS ARE REQUIRED FOR CONNECTING PIPES TO MANHOLES (FOR EXAMPLE KORN-SALEL, PSX, POSITIVE SEAL AND DURASEAL) THE CONCRETE GRADUATE FOR THE PIPE CAN BE ELIMINATED.
- ALL SANITARY MANHOLES WITH PIPES SIZES LESS THAN 600mm SUMMS UNLESS OTHERWISE INDICATED, ALL STORM MANHOLES WITH PIPES SIZES LESS THAN 800mm AND LARGER ARE TO BE BENCHMED.
- CONTRACTOR TO TELEVIEW (CCTV) ALL PROPOSED SEWERS 200mm or GREATER IN DIAMETER PRIOR TO BASE COURSE INSTALLATION TO ENSURE THAT THEY ARE CLEAN AND OPERATIONAL. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS TO PROVIDE FULL REPORT TO THE CITY ENGINEER. THE REPORT MUST INCLUDE THE VIDEO RECORDING, CATCHMENT, OBTAIN APPROVAL FROM THE CITY'S SEWER OPERATIONS, PROVIDE THE CCTV INSPECTION AND REPORT TO THE ENGINEER FOR REVIEW AND APPROVAL.
- CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES INDICATING ALL APPLICABLE SERVICES AS-BUILT INFORMATION SHOWN ON THIS PLAN. AS-BUILT INFORMATION MUST INCLUDE PIPE MATERIAL, SIZES, LENGTHS, Slopes, INVERT AND T/O ELEVATIONS, STRUCTURE LOCATIONS AND ANY ALIGNMENT CHANGES, ETC.
- THE OWNER SHALL REQUIRE THAT THE SITE SERVICING CONTRACTOR PERFORM FIELD TESTS FOR QUALITY CONTROL OF ALL SERVICES PROVIDED. FIELD TESTING SHALL BE COMPLETED IN ACCORDANCE WITH OPS-4017.06 AND 4017.07.24. FIELD TESTING IS TO BE COMPLETED ON ALL SANITARY SERVICES TO CONFIRM PROPER CONNECTION TO THE SANITARY SEWER MAIN. THE FIELD TESTS SHALL BE PERFORMED BY THE PRESIENCE OF A CERTIFIED PROFESSIONAL.
- ALL CATBOARDSH AND CATBOARDSH MANHOLES TO BE PROVIDED WITH MINIMUM 3 METER LONG PERFORATED SUBDRANS EXTENDING IN TWO DIRECTIONS AT THE SUBGRADE LEVEL. SUBDRAN IS TO BE PROVIDED AT THE TRANSITIONS BETWEEN DIFFERENT PAVEMENT COMPOSITIONS, THE SUBGRADE SURFACE SHOULD BE SHAPED TO PROMOTE WATER FLOW TO THE DRAINAGE.
- ALL WORKS SHALL BE PERFORMED AS APPLICABLE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD SPECIFICATIONS, AND IN PARTICULAR P.O.S.S., 407 AND 410.

|   |           |                |
|---|-----------|----------------|
| 1. SUPPLY AND CONSTRUCT ALL WATERMAIN AND APPURTENANCES IN ACCORDANCE WITH THE MOST CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS.  |           |                |
| 2. SPECIFICATIONS:  |           |                |
| ITEM  | SPEC No.  | REFERENCE      |
| WATERMAIN TRENCHING   | W17       | CITY OF OTTAWA |
| THERMAL INSULATION IN SHALLOW TRENCHES  | W22       | CITY OF OTTAWA |
| THERMAL INSULATION BY OPEN STRUCTURES   | W23       | CITY OF OTTAWA |
| WATERMAIN CROSSING BELOW SEWER  | W25       | CITY OF OTTAWA |
| WATERMAIN CROSSING ABOVE SEWER  | W25.2     | CITY OF OTTAWA |
| HYDRANT   | WSD-24    | CITY OF OTTAWA |
| VALVE AND VALVE BOX   | WSD-19    | CITY OF OTTAWA |
| WATERMAIN   | PVC DR 18 |                |
| 3. SUPPLY AND CONSTRUCT ALL WATERMANS AND APPURTENANCES IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARD AND SPECIFICATIONS, EXCAVATION, INSTALLATION, BACKFILL AND RESTORATION OF ALL WATERMANS BY THE CONTRACTOR, CONNECTIONS AND SHUT-OFFS AT THE MAIN AND CHLORINATION OF THE WATER SYSTEM SHALL BE PROVIDED BY THE CITY OF OTTAWA. |           |                |
| 4. WATERMAIN SHALL BE MINIMUM 24mm DEPTH BELOW GRADE UNLESS OTHERWISE INDICATED, ANY WATERMAIN WITH LESS THAN 24mm COVER TO BE INSULATED PER THE SEWER AND WATERMAIN NOTES AND DETAIL.  |           |                |
| 5. PROVIDE MINIMUM CLEARANCE, BETWEEN OUTSIDE OF PIPES, AT ALL CROSSINGS AS PER CITY DETAILS W25 AND W25.2. WATERMAIN MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.25m OVER AND 0.50m UNDER SEWERS AND ALL OTHER UTILITIES WHEN CROSSING.  |           |                |
| 6. WATER SERVICE IS TO BE CONNECTED TO WITHIN 1.0m OF FOUNDATION WALL AND CAPPED, UNLESS OTHERWISE INDICATED.   |           |                |
| 7. CATHODIC PROTECTION REQUIRED FOR ALL IRON FITTINGS CITY OF OTTAWA STANDARD DETAILS WSD-39, 40, 41, 42, 43 AND 44.  |           |                |
| 8. IF WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS LESS THAN HALF THAT RECOMMENDED BY THE MANUFACTURER.  |           |                |



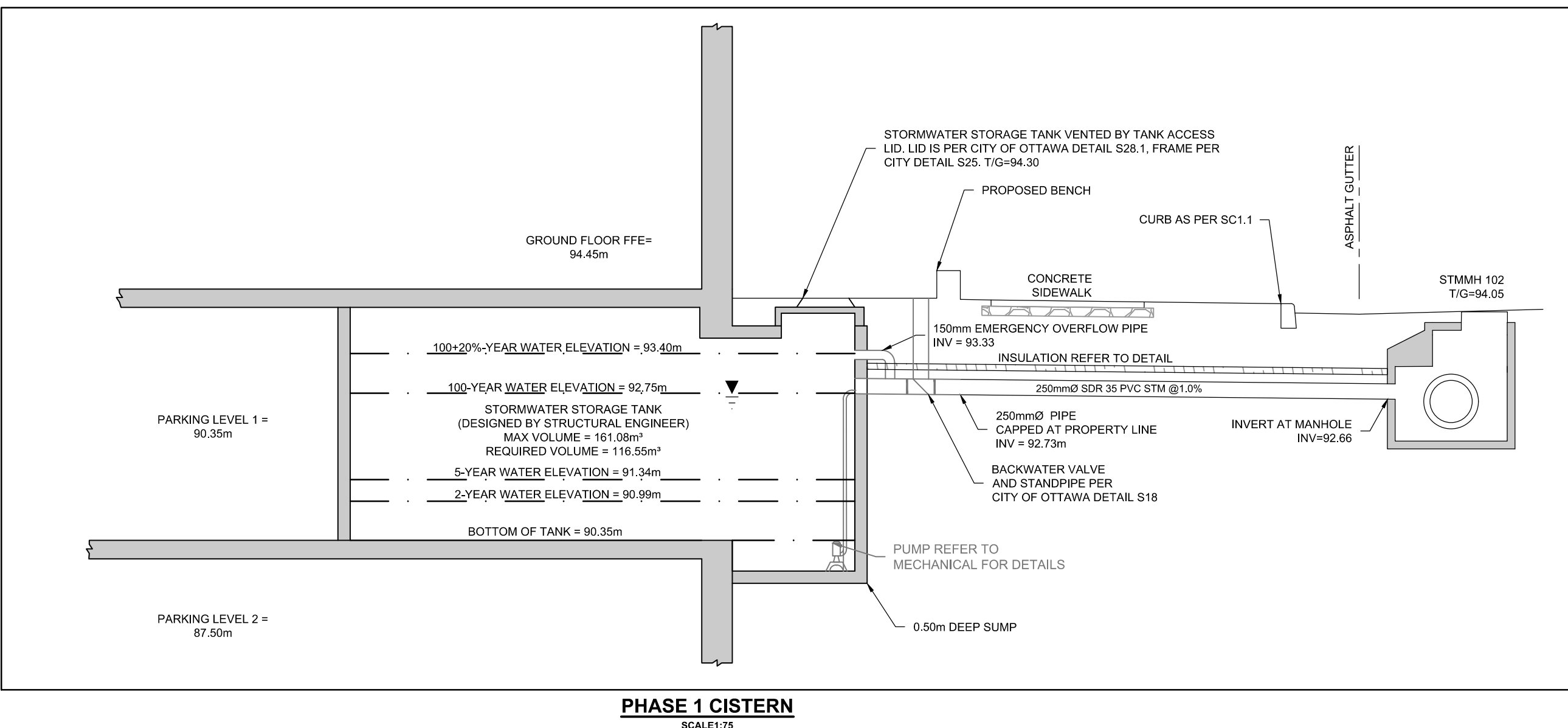
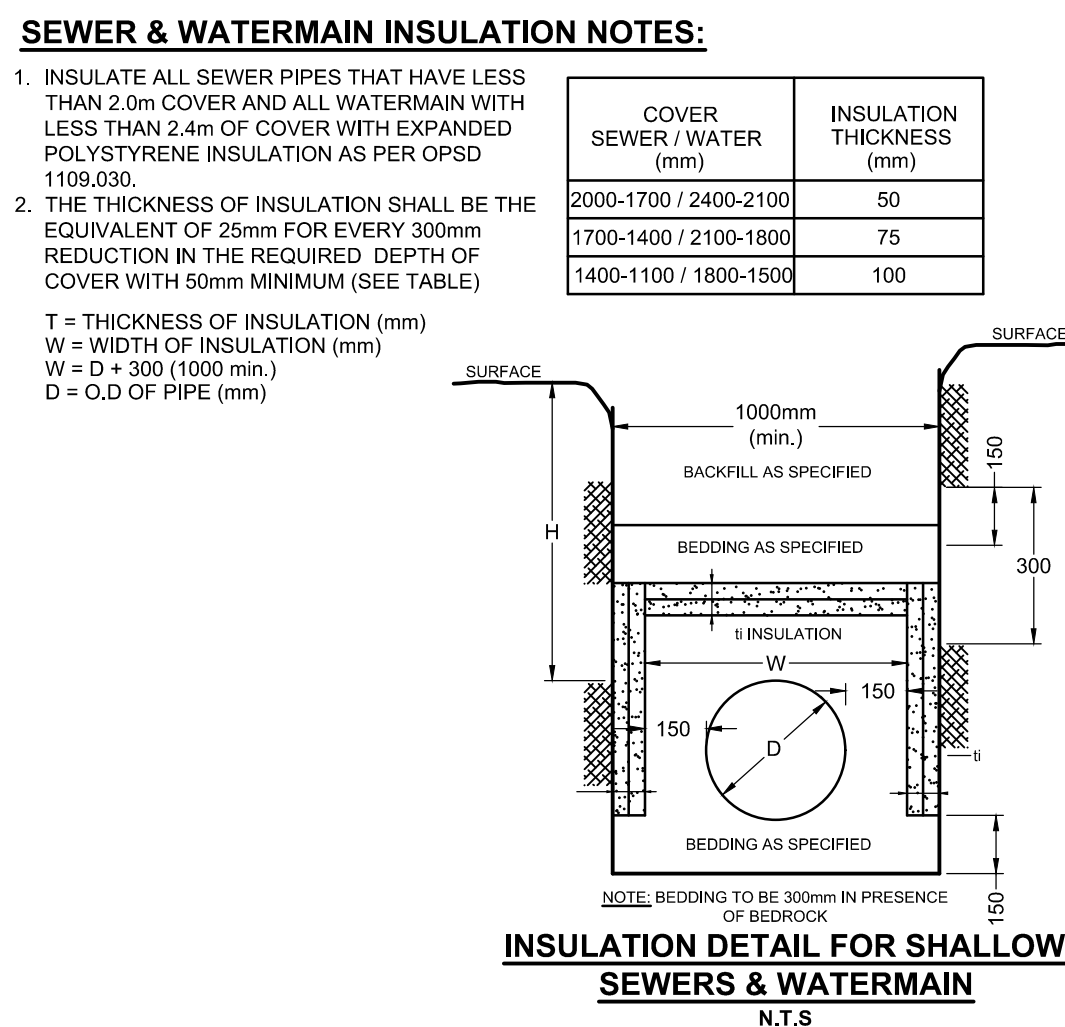
| MANHOLE ID | STATION  | SIZE (mm) | T/G ELEV (m) | INVERT (m)                                   |
|------------|----------|-----------|--------------|--|
| 102        | 1+037.92 | 1800mmØ   | 94.05        | NW=92.36<br>SE=92.28<br>SW=92.66<br>NE=92.65 |
| 103        | 1+057.70 | 1500mmØ   | 94.06        | NW=92.50<br>SE=92.42<br>SW=92.78             |
| 104        | 1+087.73 | 1500mmØ   | 94.70        | NW=92.73<br>SE=92.58<br>NE=92.85<br>SW=92.78 |



| OGS TABLE (PHASE 1) |          |              |                 |                      |                        |
|---------------------|----------|--------------|-----------------|----------------------|------------------------|
| MANHOLE ID          | STATION  | SIZE<br>(mm) | T/G ELEV<br>(m) | INVERT<br>(m)        | MODEL                  |
| 101                 | 1+034.27 | 1800mmØ      | 94.09           | NW=92.27<br>SE=92.26 | STORMCEPTOR MODEL EF06 |

| PROPOSED WATER SERVICE (1+000.0) |                   |               |   |
|----------------------------------|-------------------|---------------|---|
| STATION                          | SURFACE ELEVATION | TWM ELEVATION | COMMENTS  |
| 1+000.0                          | 94.10             | 91.70         | CONNECTION TO PROPOSED 200mm Ø SERVICE                                    |
| 1+004.7                          | 94.12             | 91.65         | CROSS BELOW 675mm 316 AS PER CITY OF OTTAWA DETAIL W02-3 (CLEARANCE ≥ 50) |
| 1+012.8                          | 94.31             | 91.91         | V&B   |
| 1+014.5                          | 94.25             | 91.80         | CAP SERVICE 1.0m FROM THE FOUNDATION WALL                                 |

| PROPOSED WATER SERVICE (2+000.0) |                   |               |   |
|----------------------------------|-------------------|---------------|---|
| STATION                          | SURFACE ELEVATION | TWM ELEVATION | COMMENTS                                  |
| 2+000.0                          | 93.98             | 90.42         | CONNECTION TO EXISTING 300mm DI WATERMAIN |
| 2+013.9                          | 94.35             | 91.80         | V&VB                                      |
| 2+015.0                          | 94.38             | 91.80         | CAP SERVICE 1.0m FROM THE FOUNDATION WALL |

| SAN MANHOLE TABLE (PHASE 1) |          |           |              |                      |
|-----------------------------|----------|-----------|--------------|----------------------|
| MANHOLE ID                  | STATION  | SIZE (mm) | T/G ELEV (m) | INVERT (m)           |
| 701                         | 3+027.74 | 1200mmØ   | 94.35        | NW=91.61<br>SE=91.60 |



|     |                                      |              |     | SCALE    |          | DESIGN  |   |     |  |
|-----|--------------------------------------|--------------|-----|----------|----------|---|---|-----|--|
| 7.  | REVISED PER CITY COMMENTS            | MAR 18/2025  | ARM | AS SHOWN | ARM      |  |  |     |  |
| 6.  | REVISED PER CITY COMMENTS            | NOV 29/2024  | GJM |          | CHECKED  |   |   | ARM |  |
| 5.  | REVISED PER CITY COMMENTS            | SEPT 27/2024 | GJM |          | GJM      |   |   |     |  |
| 4.  | REVISED PER CITY COMMENTS            | MAR 21/2024  | GJM |          | DRAWN    |   |   | GJM |  |
| 3.  | REISSUED PHASE 1 ONLY                | OCT 27/2023  | GJM |          | CJF/ARM  |   |   |     |  |
| 2.  | REVISED AND ISSUED FOR CITY APPROVAL | DEC 09/2022  | GJM |          | CHECKED  |   |   | ARM |  |
| 1.  | ISSUED WITH SITE PLAN APPLICATION    | SEPT 03/2021 | JAG |          | APPROVED |   |   | ARM |  |
|     |                                      |              |     |          |          |   |   | GJM |  |
| No. | REVISION                             | DATE         | BY  |          |          |   |   |     |  |

**APPROVED**  
By Kersten Nitsche at 2:48 pm, May 12, 2025

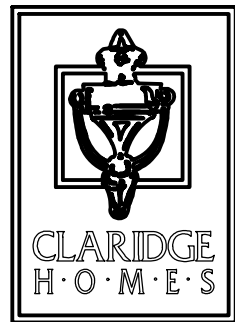


**KERSTEN NITSCHKE, MCIP RPP**  
**MANAGER (A), DEVELOPMENT REVIEW WEST**  
**PLANNING, DEVELOPMENT AND BUILDING SERVICES**  
**DEPARTMENT, CITY OF OTTAWA**

4-1-2024/12/1009/CAD/Design/12/1009,ND dwn NDGP1 Mar 18 2025, 11:28am amostwam

**NOTE:** 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.

**CLARIDGE HOMES**  
CLARIDGE HOMES  
505 PRESTON STREET,  
2ND FLOOR  
OTTAWA , ONTARIO  
K1S 4N7



NOT FOR  
CONSTRUCTION

LOCATION  
1500 MERIVALE  
1500 MERIVALE, CITY OF OTTAWA

DRAWING NAME

NOTES AND DETAILS GENERAL  
SERVICING (PHASE 1)

|             |              |
|-------------|--------------|
| PROJECT No. | 121009       |
| REV         | REV#7        |
| DRAWING No. | 121009-NDGP1 |

**NOVATECH**  
Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Cowpland Drive  
Ottawa, Ontario, Canada K2M 1P6  
Telephone (613) 254-9643  
Facsimile (613) 254-5867  
Website [www.novatech-eng.com](http://www.novatech-eng.com)

CITY PLAN No. 18612



GENERAL NOTES:

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- CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT FOR CONSTRUCTION PURPOSES.

GRADING NOTES:

- ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED BUILDING AND PAVED AREAS.
- EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER. IF SPOTS DEVELOP IN THE SUBGRADE DURING COMPACTION OR DUE TO CONSTRUCTION TRAFFIC, THE AFFECTED AREAS SHOULD BE EXCAVATED AND REPLACED WITH OPSS GRANULAR B TYPE II MATERIAL. THE PAVEMENT GRANULAR BASE AND SUBBASE SHOULD BE PLACED IN MAXIMUM 300 mm THICK LIFTS AND COMPACTED TO A MINIMUM OF 98% OF THE MATERIAL'S SPMD0 USING SUITABLE VIBRATORY EQUIPMENT.
- NON-SPECIFIED EXISTING FILL, ALONG WITH SITE-EXCAVATED SOIL, CAN BE USED AS GENERAL LANDSCAPING FILL WHERE SETTLEMENT OF THE GROUND SURFACE IS OF MINOR CONCERN. THIS MATERIAL SHOULD BE SPREAD IN THIN LIFTS AND AT LEAST COMPACTED BY THE TRACKS OF THE SPREADING EQUIPMENT TO MINIMIZE VOIDS. IF THIS MATERIAL IS TO BE USED TO BUILD UP THE SUBGRADE LEVEL FOR AREAS TO BE PAVED, IT SHOULD BE COMPACTED IN THIN LIFTS TO AT LEAST 98% OF THE MATERIAL'S SPMD0.
- THE PAVEMENT GRANULAR BASE AND SUBBASE SHOULD BE PLACED IN MAXIMUM 300mm THICK LIFTS AND COMPACTED TO A MINIMUM OF 98% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.
- ALL CURBS AND SIDEWALKS TO BE BUILT AS PER CITY OF OTTAWA DETAIL DRAWINGS SC1.4 AND SC4.
- GRADE AND/OR FILL BEHIND PROPOSED CURB AND BETWEEN BUILDINGS AND CURBS, WHERE REQUIRED TO PROVIDE POSITIVE DRAINAGE.
- MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
- ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE INDICATED.
- REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE DETAILS.
- CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GRADING PLAN INDICATING THE AS-BUILT ELEVATION OF EVERY DESIGN GRADE SHOWN ON THIS PLAN.

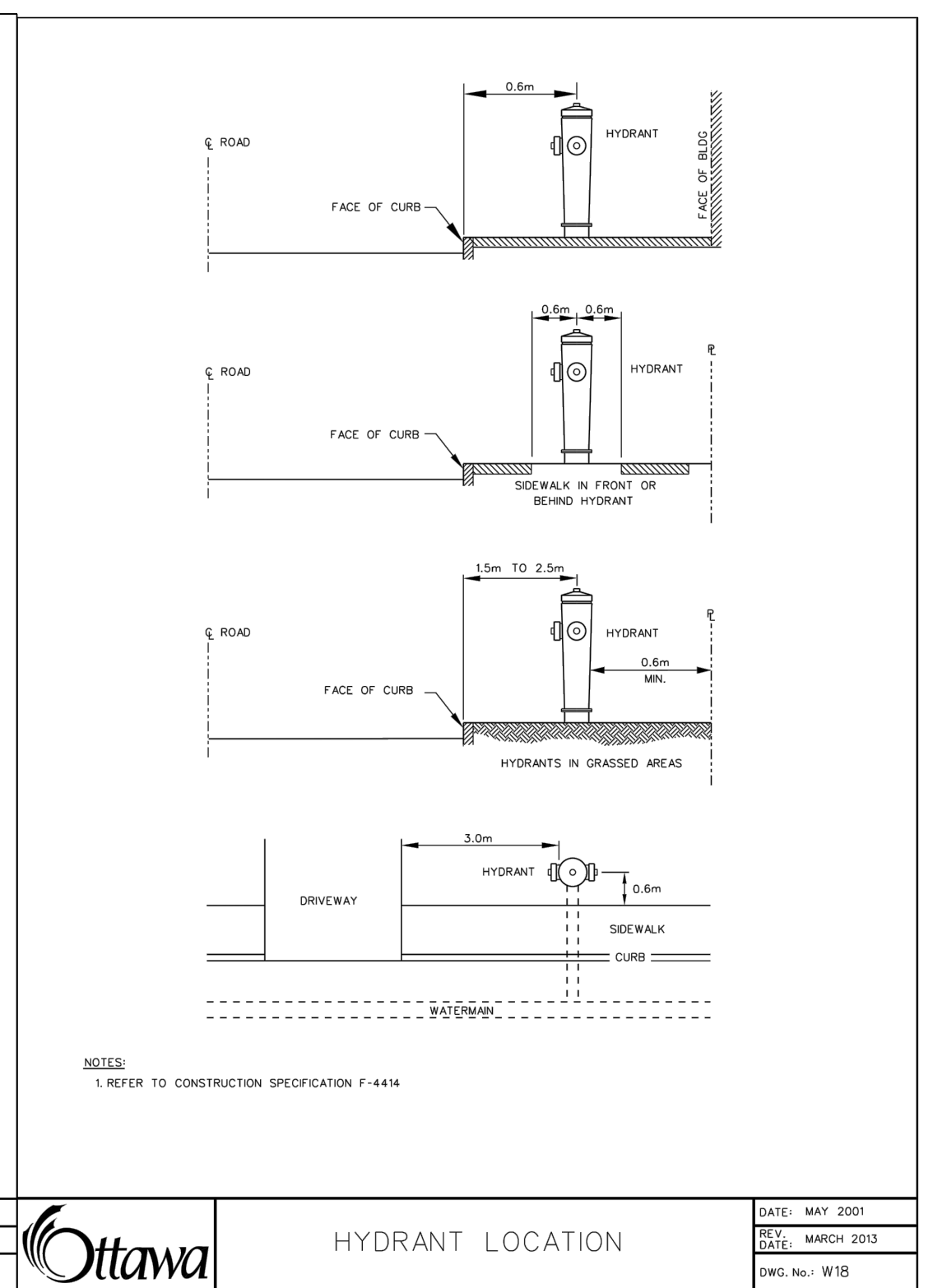
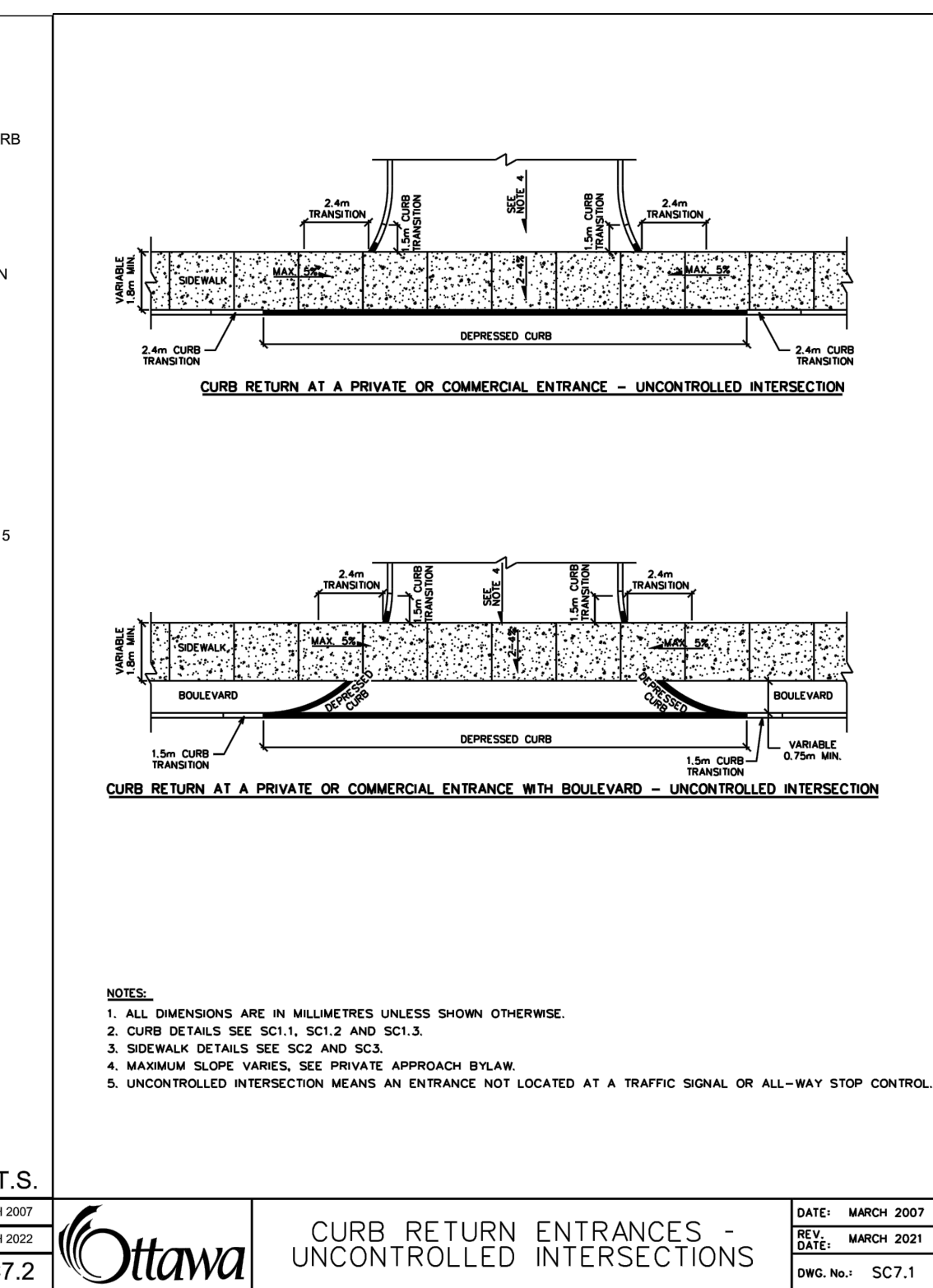
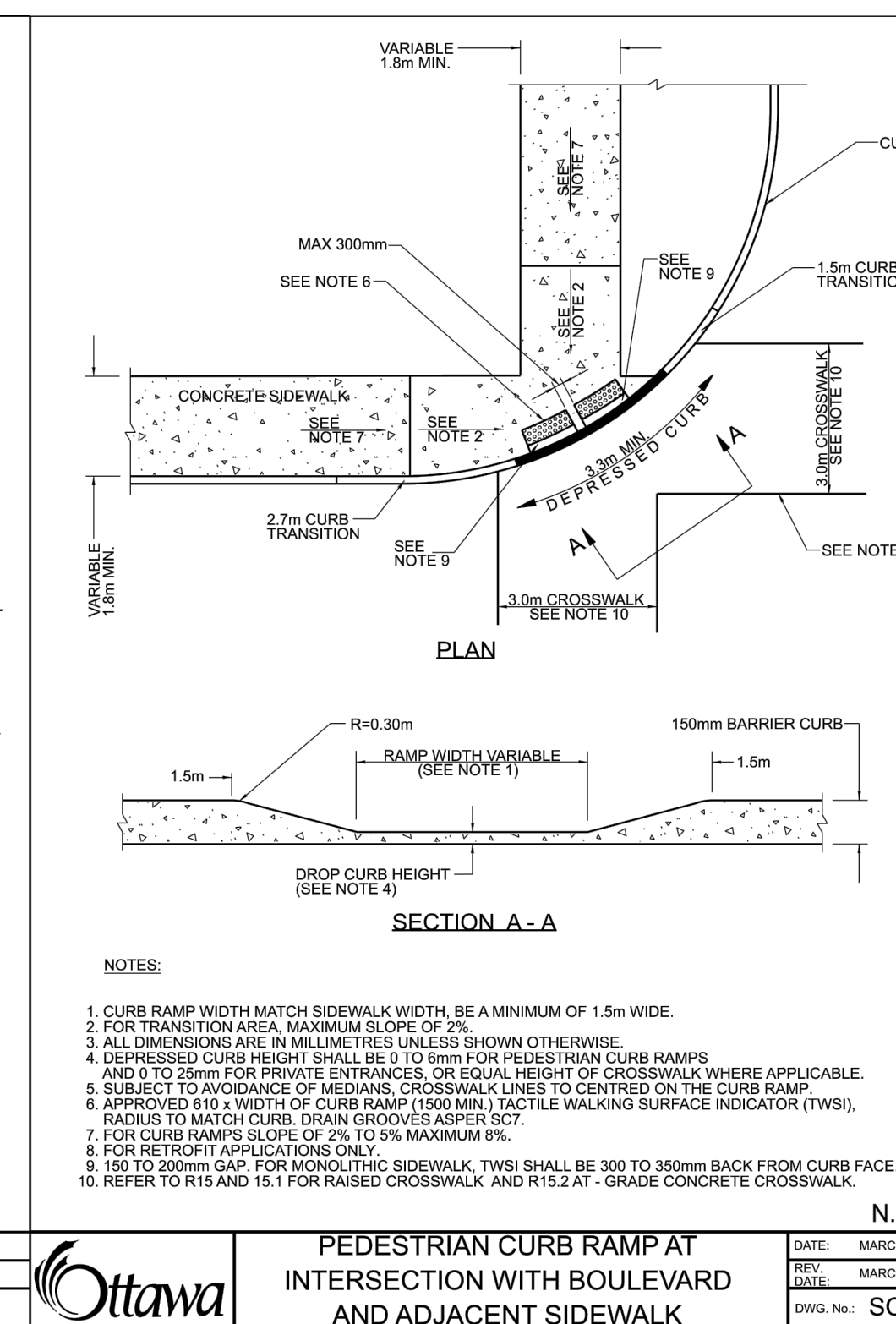
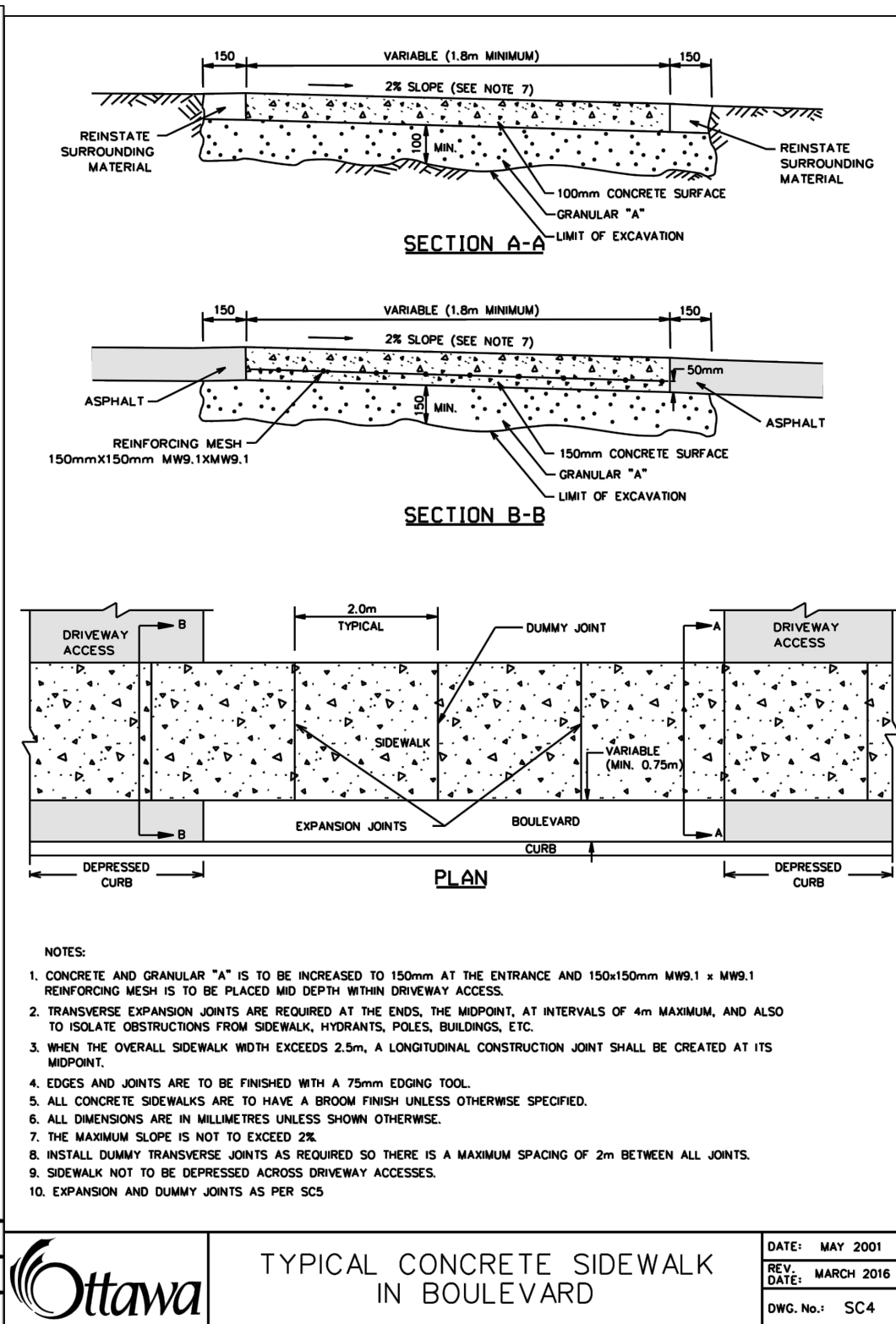
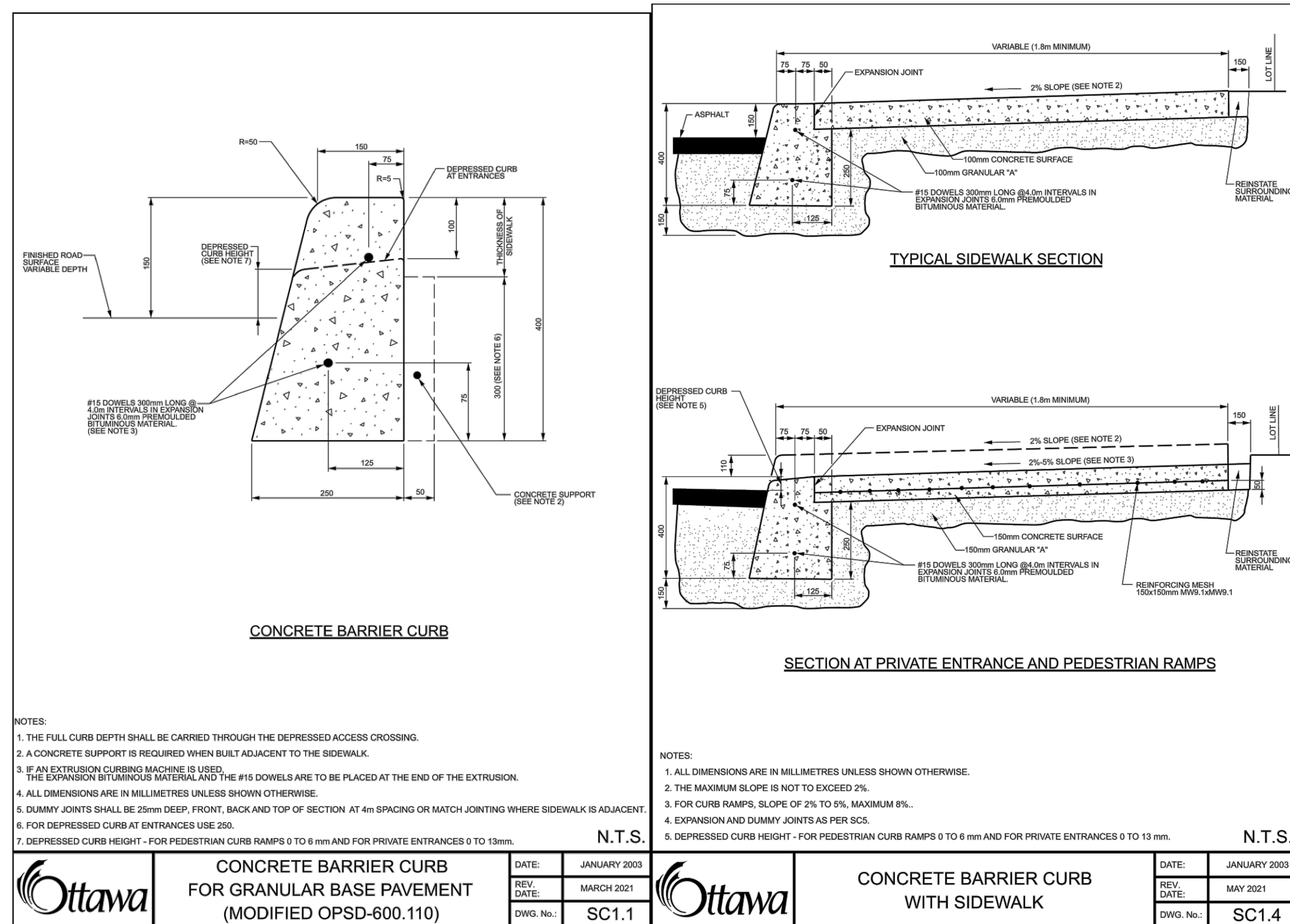
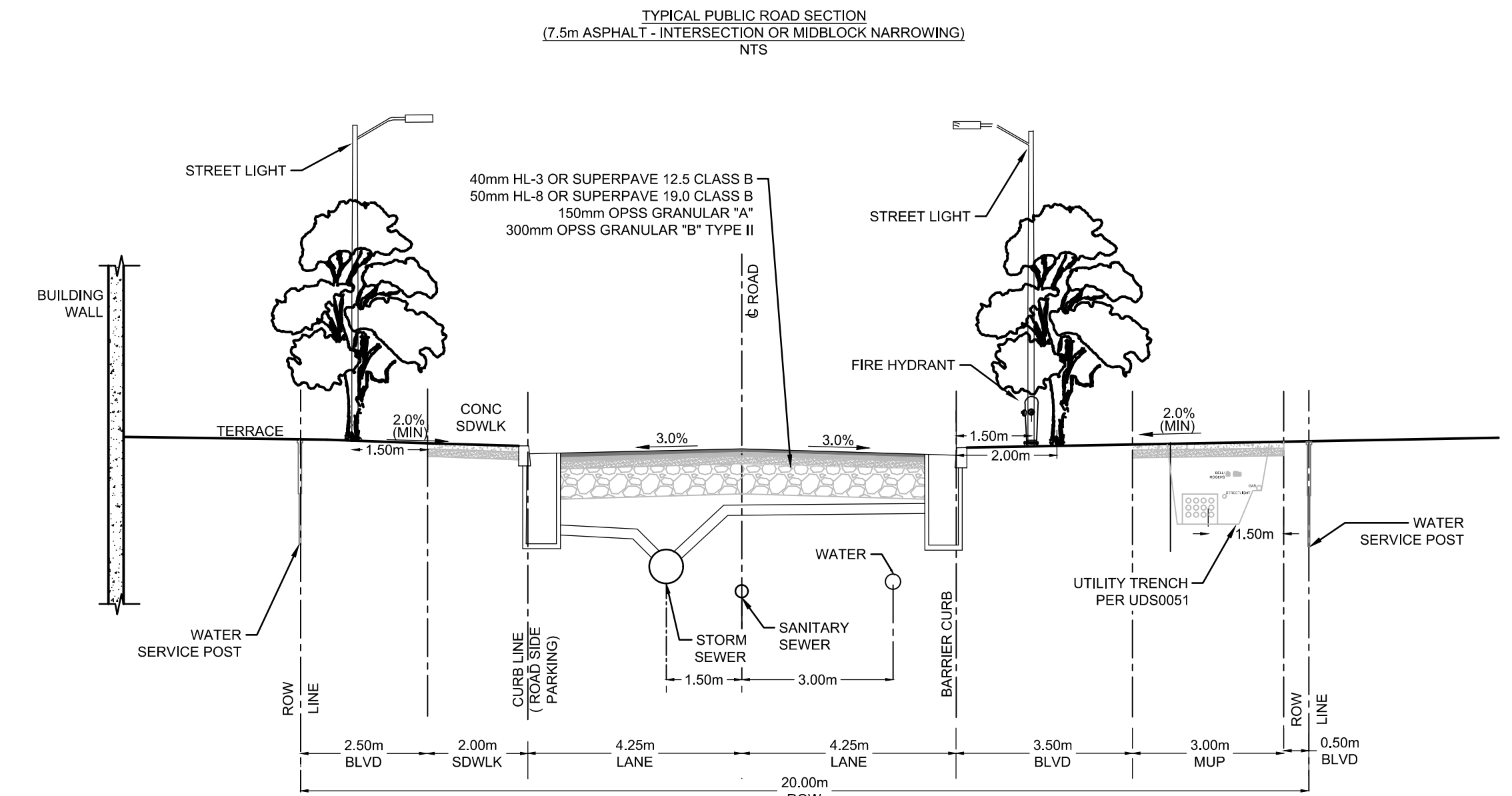
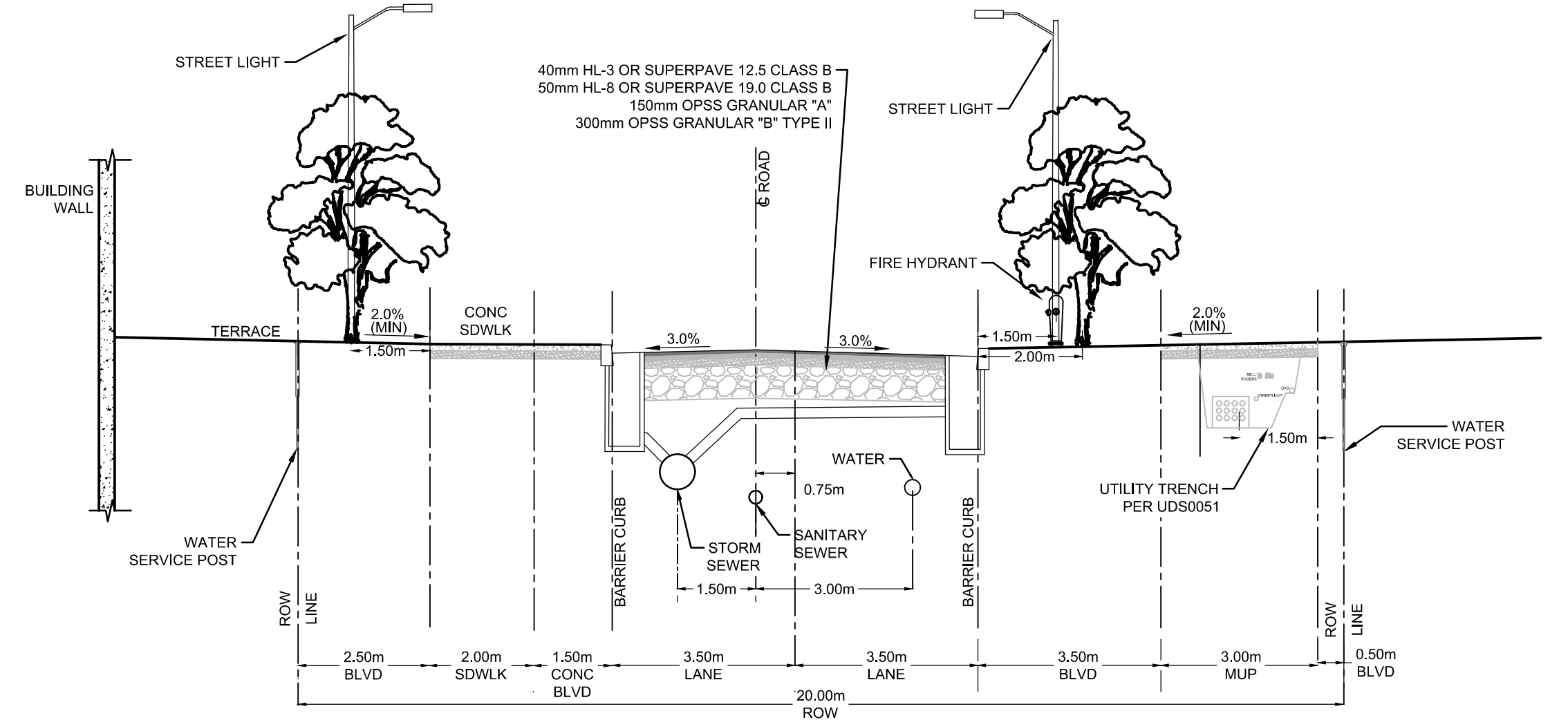
EROSION AND SEDIMENT CONTROL NOTES:

- THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL, SUCH AS BUT NOT LIMITED TO INSTALLING FILTER CLOTHS ACROSS MANHOLE/CATCHBASIN LIDS TO PREVENT SEDIMENTS FROM ENTERING STRUCTURES AND INSTALL AND MAINTAIN A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.
- THE CONTRACTOR SHALL PLACE FILTER CLOTH UNDER THE CATCHBASIN AND MANHOLE GRATES FOR THE DURATION OF CONSTRUCTION AND WILL REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
- SILT FENCING FOR ENTIRE PERIMETER OF SITE, SHALL BE UTILIZED TO CONTROL EROSION FROM THE SITE DURING CONSTRUCTION.
- THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

APPROVED

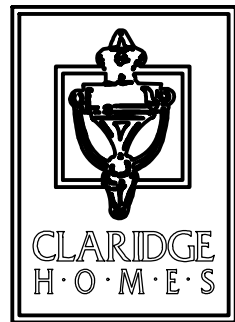
By Kersten Nitsche at 2:48 pm, May 12, 2025

Kersten Nitsche  
KERSTEN NITSCHKE, MCIP RPP  
MANAGER (A), DEVELOPMENT REVIEW WEST  
PLANNING, DEVELOPMENT AND BUILDING SERVICES  
DEPARTMENT, CITY OF OTTAWA



NOTE:  
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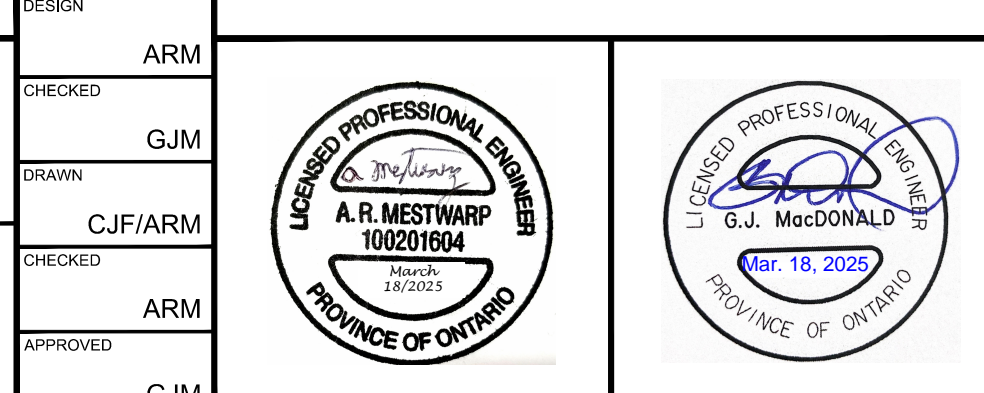
CLARIDGE HOMES  
CLARIDGE HOMES  
505 PRESTON STREET,  
2ND FLOOR  
OTTAWA, ONTARIO  
K1S 4N7



NOT FOR  
CONSTRUCTION

| No. | REVISION                             | DATE         | BY  |
|-----|--------------------------------------|--------------|-----|
| 7.  | REVISED PER CITY COMMENTS            | MAR 18/2025  | ARM |
| 6.  | REVISED PER CITY COMMENTS            | NOV 29/2024  | GJM |
| 5.  | REVISED PER CITY COMMENTS            | SEPT 27/2024 | GJM |
| 4.  | REVISED PER CITY COMMENTS            | MAR 21/2024  | GJM |
| 3.  | REISSUED PHASE 1 ONLY                | OCT 27/2023  | GJM |
| 2.  | REVISED AND ISSUED FOR CITY APPROVAL | DEC 09/2022  | GJM |
| 1.  | ISSUED WITH SITE PLAN APPLICATION    | SEPT 03/2021 | JAG |

| DESIGN   | ARM      |
|----------|----------|
| CHECKED  | GJM      |
| DRAWN    | CJF/ARM  |
| APPROVED | ARM      |
| SCALE    | AS SHOWN |

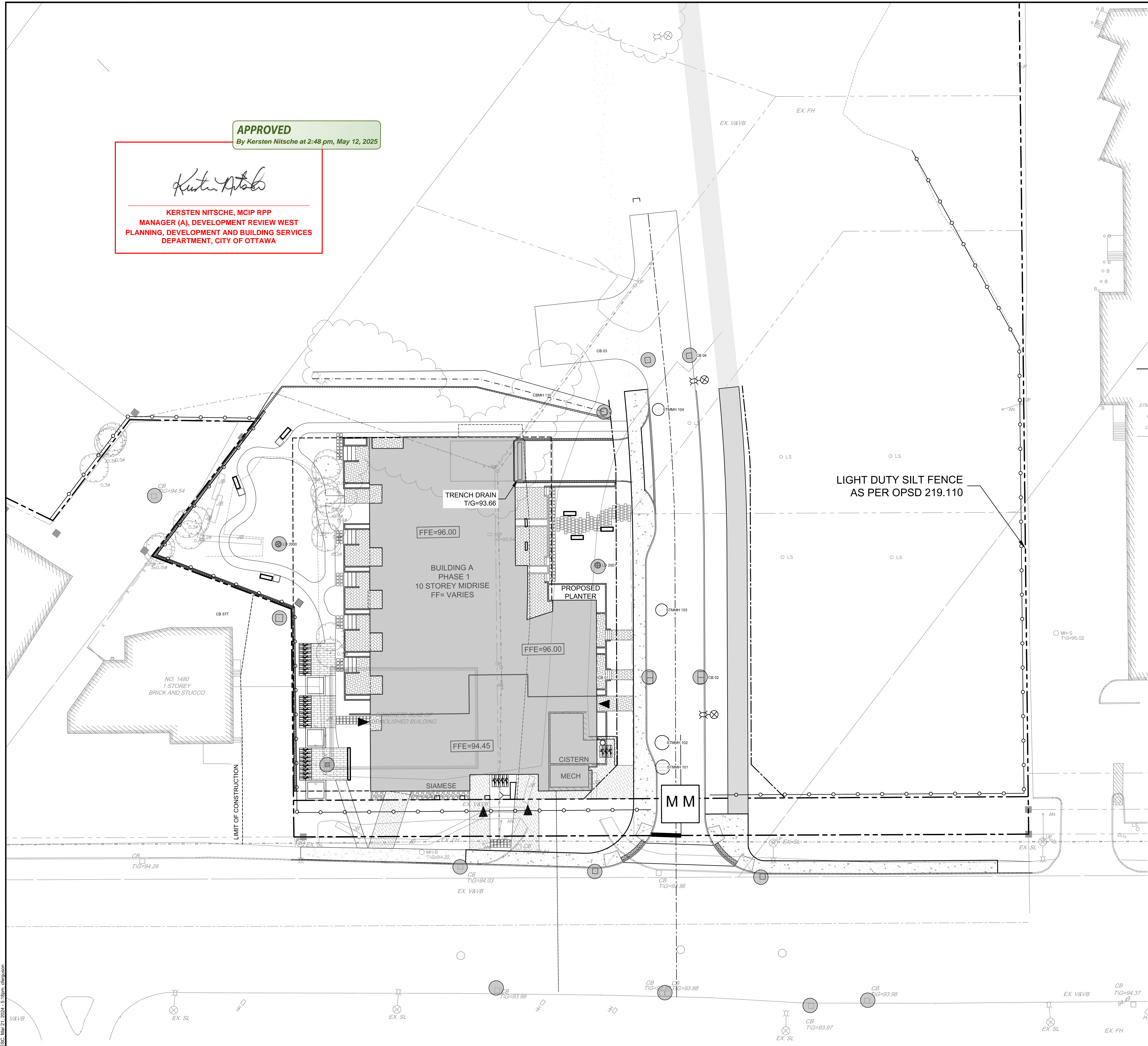


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Website www.novatech-eng.com

LOCATION  
1500 MERIVALE  
1500 MERIVALE, CITY OF OTTAWA  
DRAWING NAME  
NOTES AND DETAILS GRADING  
PLAN (PHASE 1)

| PROJECT No. | 121009       |
|-------------|--------------|
| REV         | REV#7        |
| DRAWING No. | 121009-NDGR1 |





**APPROVED**  
By Kersten Nitsche at 2:48 pm, May 12, 2025

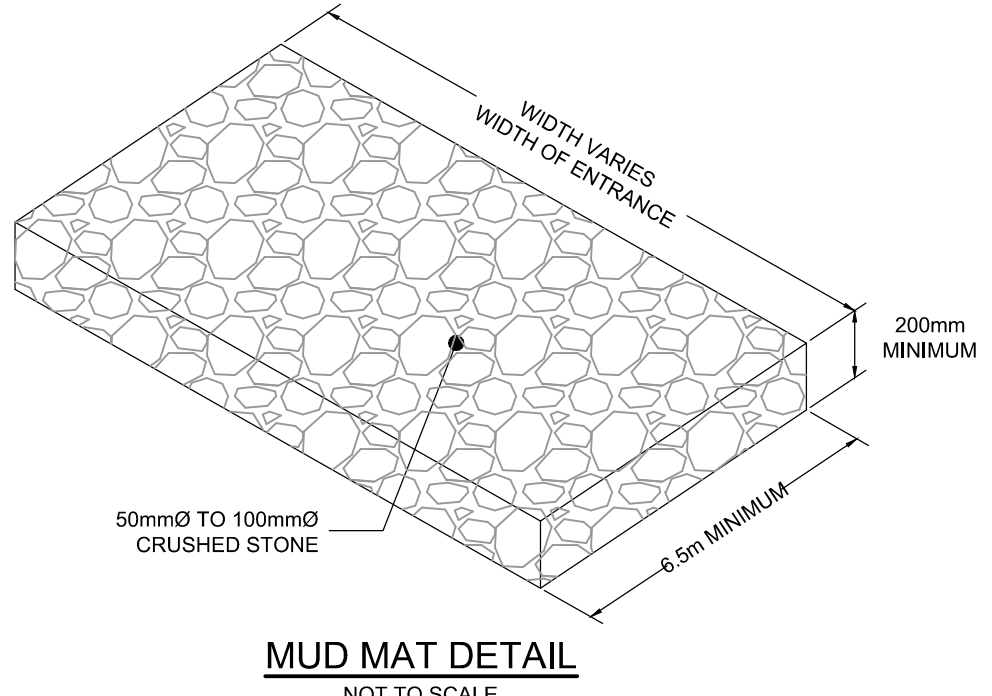
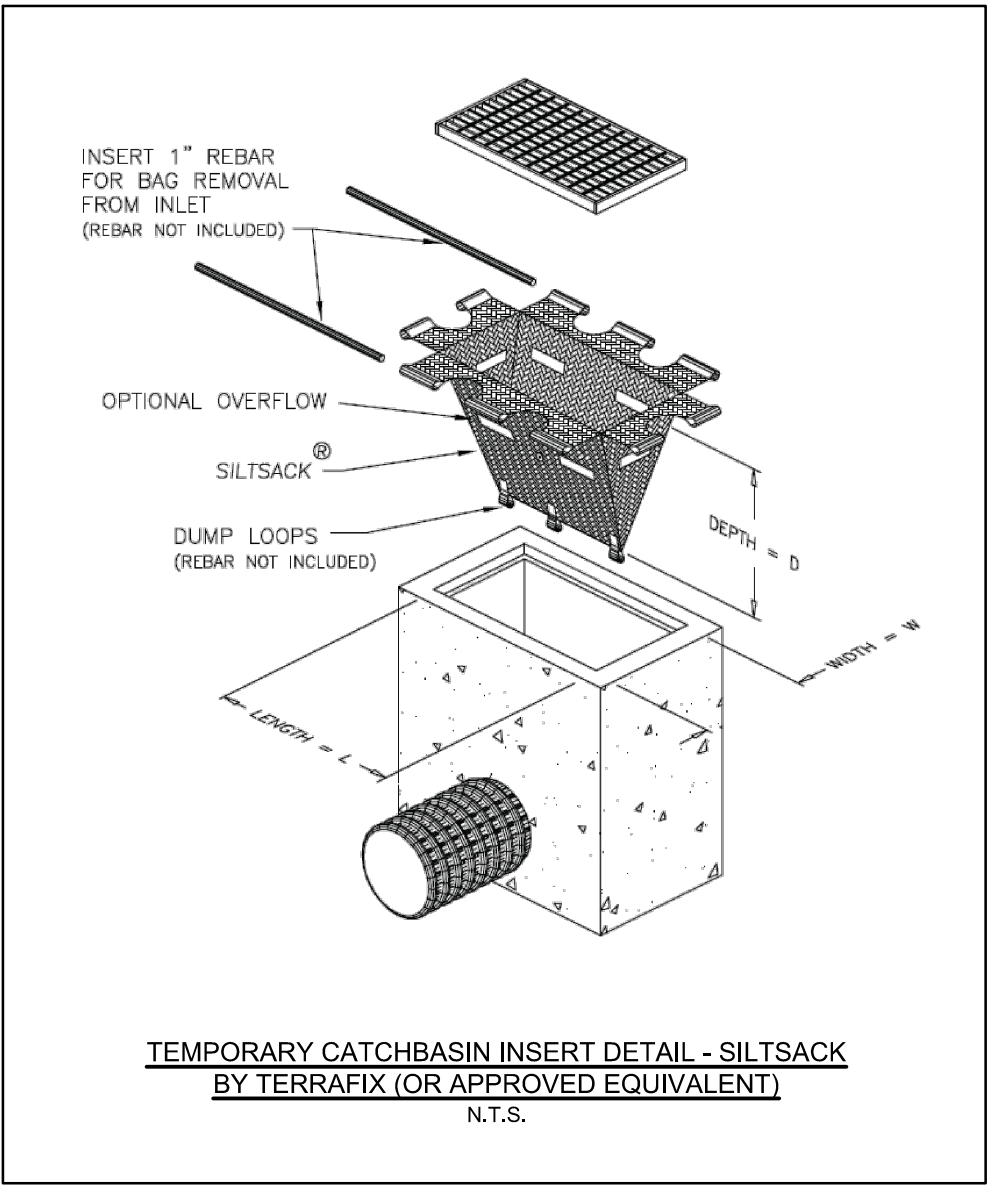
*Kersten Nitsche*  
**KERSTEN NITSCHKE, MCIP RPP**  
**MANAGER (A), DEVELOPMENT REVIEW WEST**  
**PLANNING, DEVELOPMENT AND BUILDING SERVICES**  
**DEPARTMENT, CITY OF OTTAWA**

**LEGEND**

- PROPERTY LINE
- PROPOSED CURB
- DC PROPOSED DEPRESSED CURB
- FC PROPOSED FLUSH CURB
- PROPOSED RETAINING WALL C/W GUARD RAIL
- PROPOSED WALKWAY
- TACTILE WALKING SURFACE INDICATOR (TWSI) PER CITY DETAIL SC7.3
- PROPOSED CAP
- PROPOSED STORM SEWER AND MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED LANDSCAPE DRAIN
- PROPOSED AREA DRAIN
- PROPOSED TRENCH DRAIN
- PROPOSED FILTER BAGS AT CATCHBASINS, CATCHBASIN MANHOLES AND TRENCHDRAINS
- PROPOSED MUD MAT
- LIGHT DUTY SILT FENCE (OPSD 219.110)
- PROPOSED BUILDING ENTRANCE
- BOREHOLE LOCATION (REFER TO GEOTECH REPORT)
- EXISTING STORM MANHOLE
- EXISTING CATCHBASIN
- EXISTING LIGHT STANDARD
- EXISTING FENCE

**EROSION AND SEDIMENT CONTROL NOTES:**

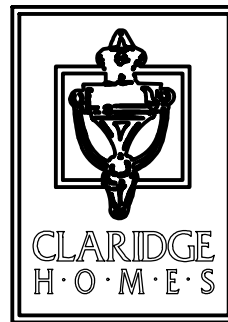
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
- 1) THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL SUCH AS BUT NOT LIMITED TO INSTALLING FILTER CLOTHS ACROSS MANHOLE/CATCHBASIN LIDS TO PREVENT SEDIMENTS FROM ENTERING STRUCTURES AND INSTALL AND MAINTAIN A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.
  - 2) THE CONTRACTOR SHALL PLACE FILTER BAGS UNDER THE CATCHBASIN AND MANHOLE GRATES FOR THE DURATION OF CONSTRUCTION AND WILL REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
  - 3) SILT FENCING FOR ENTIRE PERIMETER OF SITE, SHALL BE UTILIZED TO CONTROL EROSION FROM THE SITE DURING CONSTRUCTION.
  - 4) THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
  - 5) PROVIDE MUD MATS AT ALL CONSTRUCTION ACCESS POINTS TO MINIMIZE SEDIMENT TRANSPORT OFFSITE.
  - 6) EROSION AND SEDIMENT CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY.



REFER TO 121009-NDGP1 FOR ADDITIONAL NOTES & DETAILS

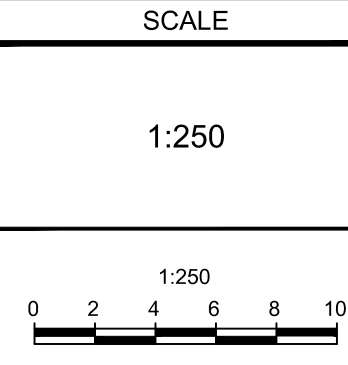
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K1S 4N7

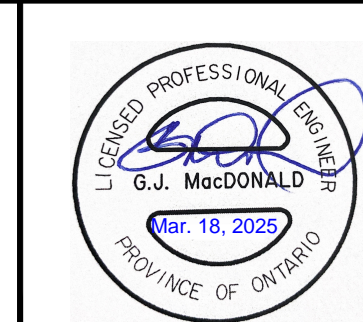


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| DESIGN   | ARM     |
| CHECKED  | ARM     |
| DRAWN    | GJM     |
| CHECKED  | CJF/ARM |
| APPROVED | ARM     |
|          | GJM     |



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Website www.novatech-eng.com

LOCATION  
**1500 MERIVALE**  
1500 MERIVALE, CITY OF OTTAWA  
DRAWING NAME  
**EROSION AND SEDIMENT  
CONTROL (PHASE 1)**

|             |             |
|-------------|-------------|
| PROJECT No. | 121009      |
| REV         | REV#7       |
| DRAWING No. | 121009-ESC1 |

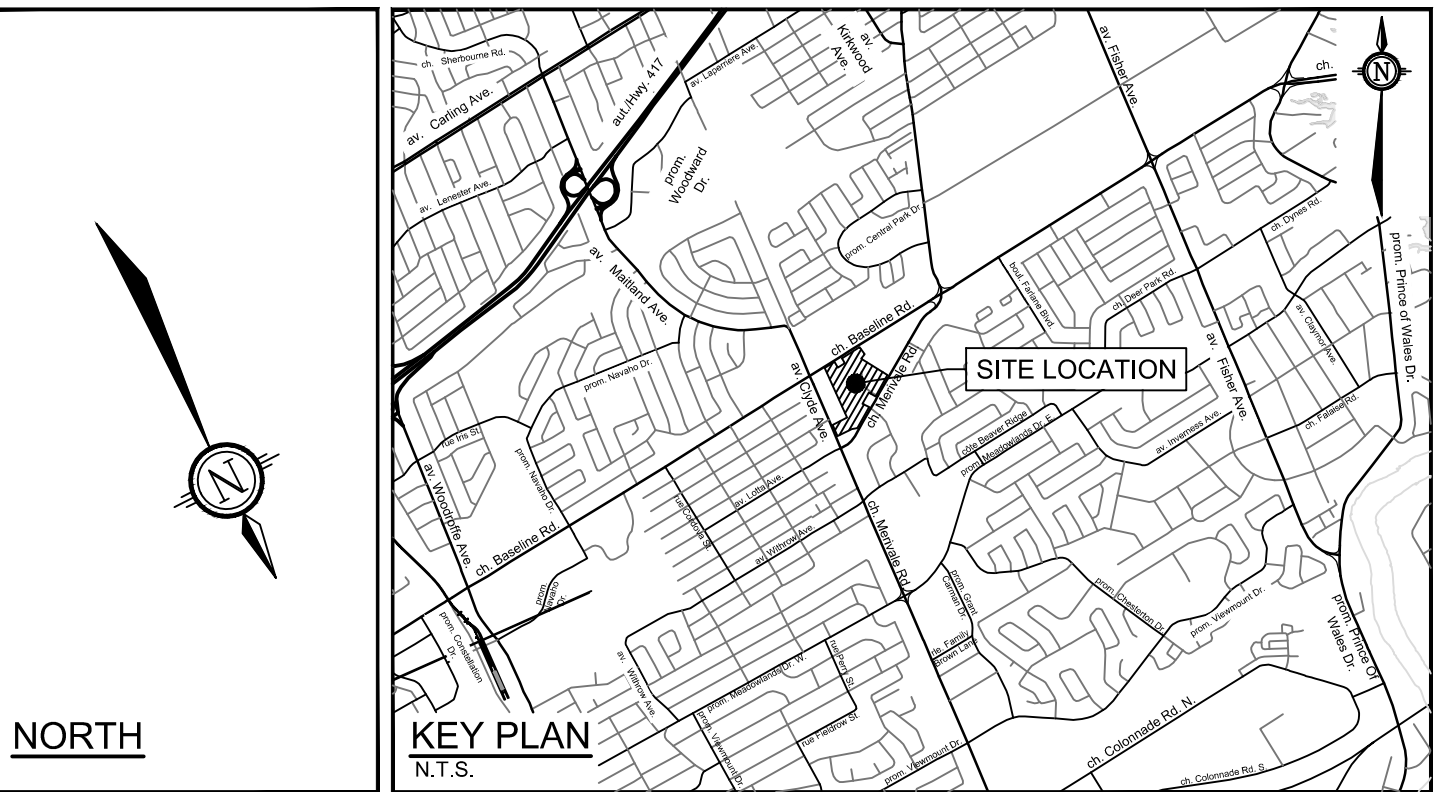
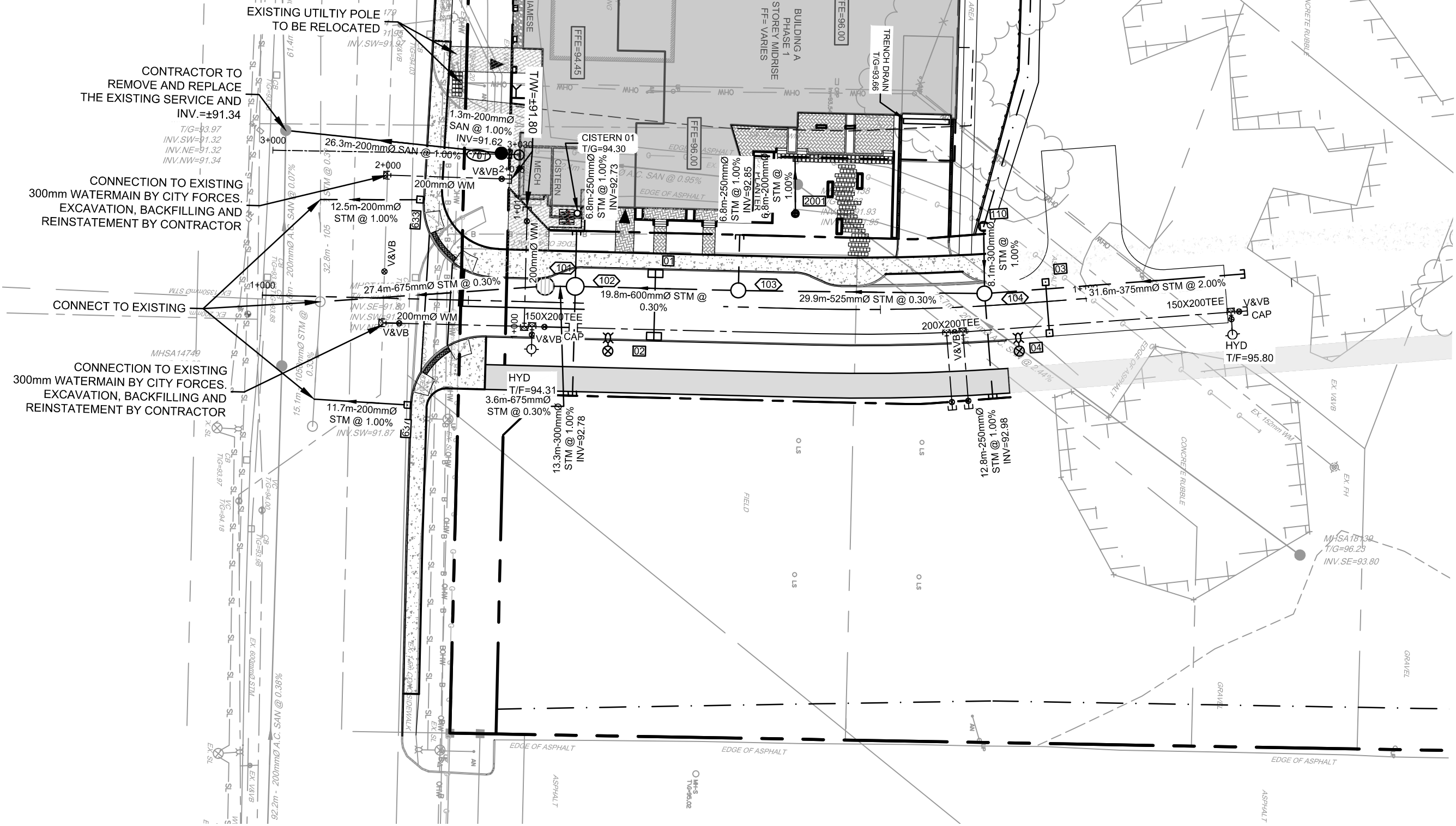






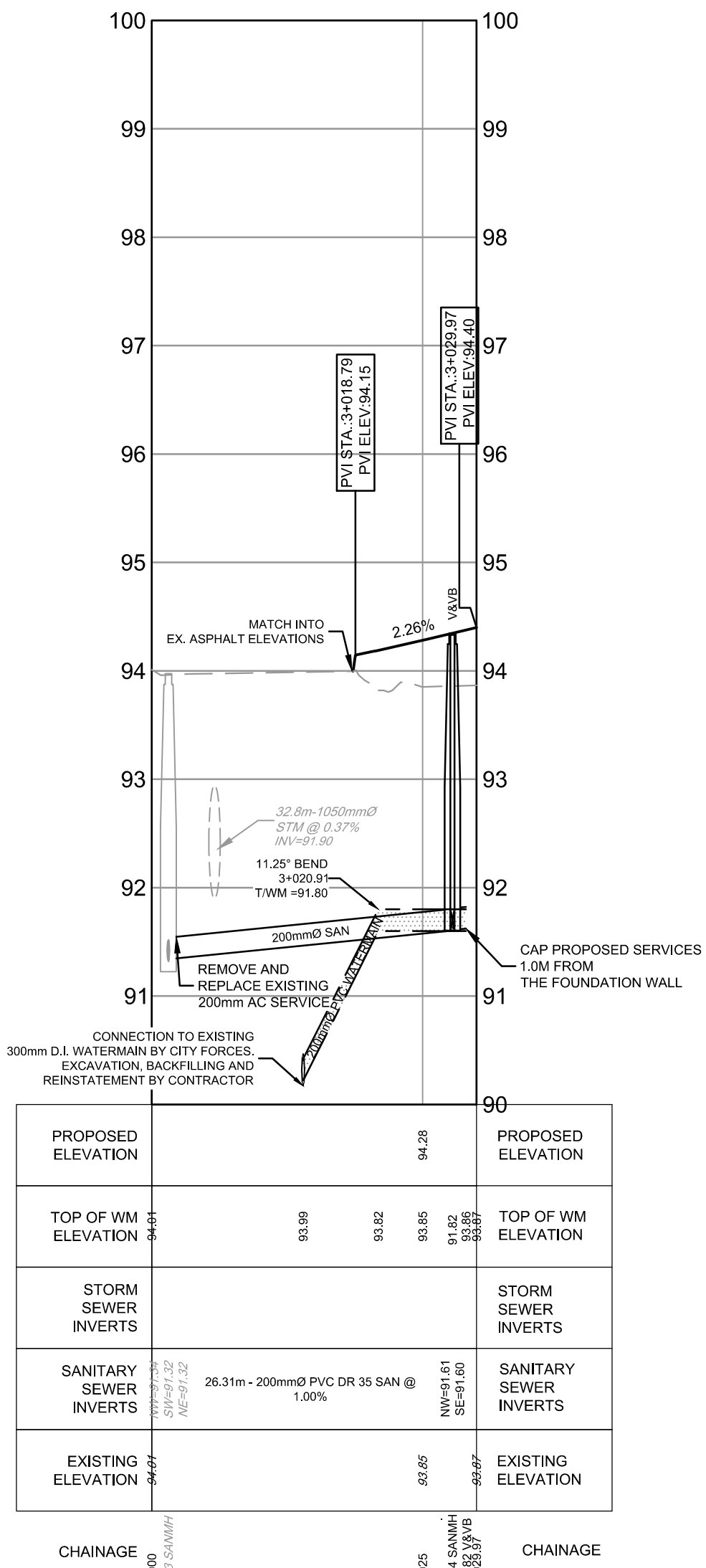
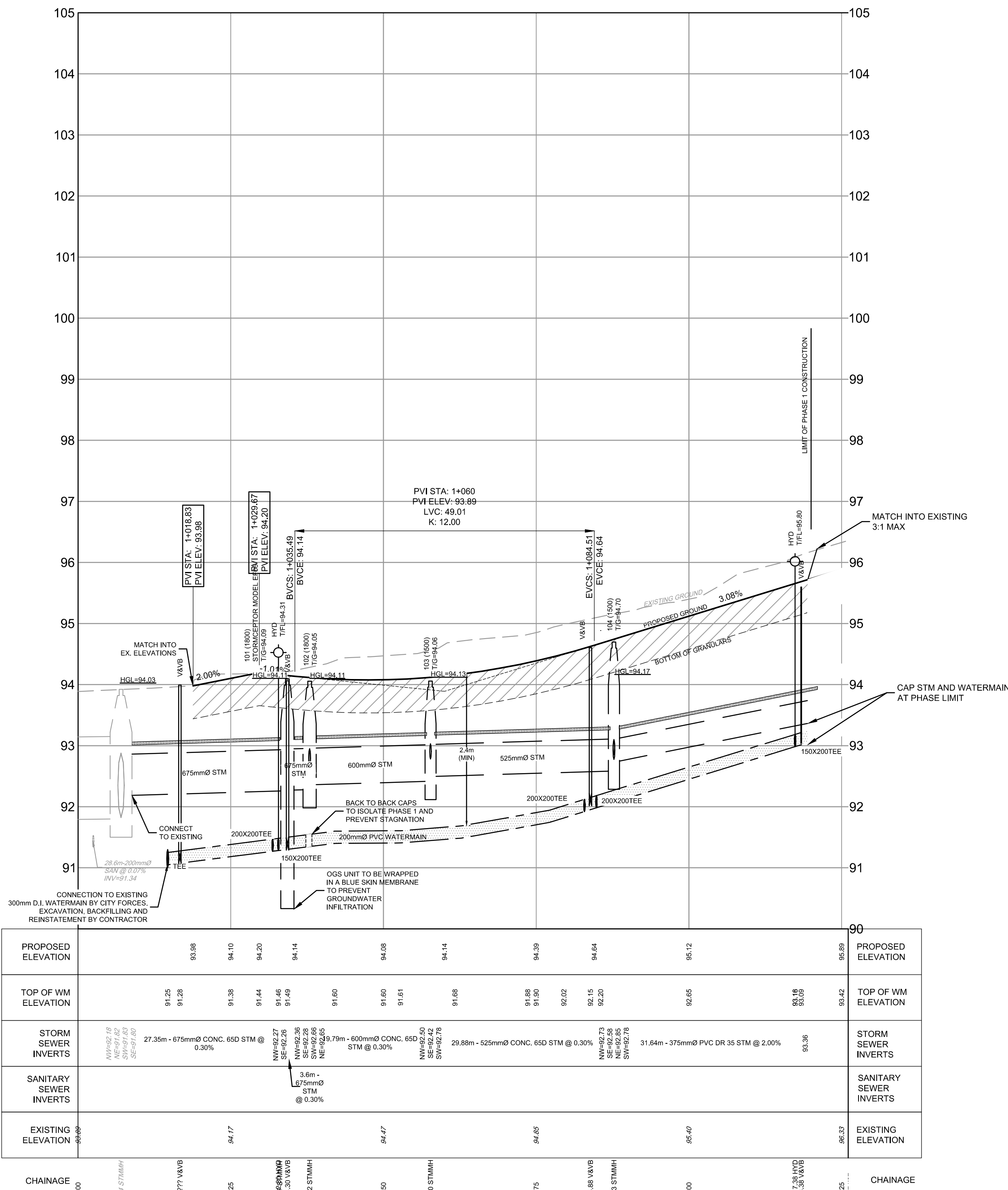






**APPROVED**  
By Kersten Nitsche at 2:49 pm, May 12, 2025

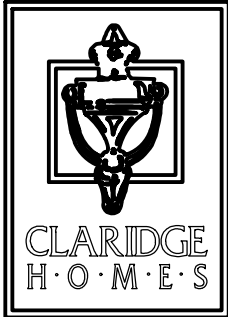
**KERSTEN NITSCHKE, MCIP RPP**  
MANAGER (A), DEVELOPMENT REVIEW WEST  
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DEPARTMENT, CITY OF OTTAWA



REFER TO 121009-NDGP1 FOR ADDITIONAL NOTES & DETAILS

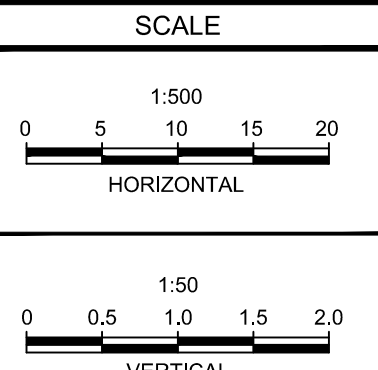
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| APPROVED | GJM     |



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LOCATION  
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1500 MERIVALE, CITY OF OTTAWA  
DRAWING NAME  
PLAN AND PROFILE  
STREET 1  
1+000.00 - 1+125.00 &  
SANITARY SERVICE

|             |            |
|-------------|------------|
| PROJECT No. | 121009     |
| REV         | REV#7      |
| DRAWING No. | 121009-PR1 |