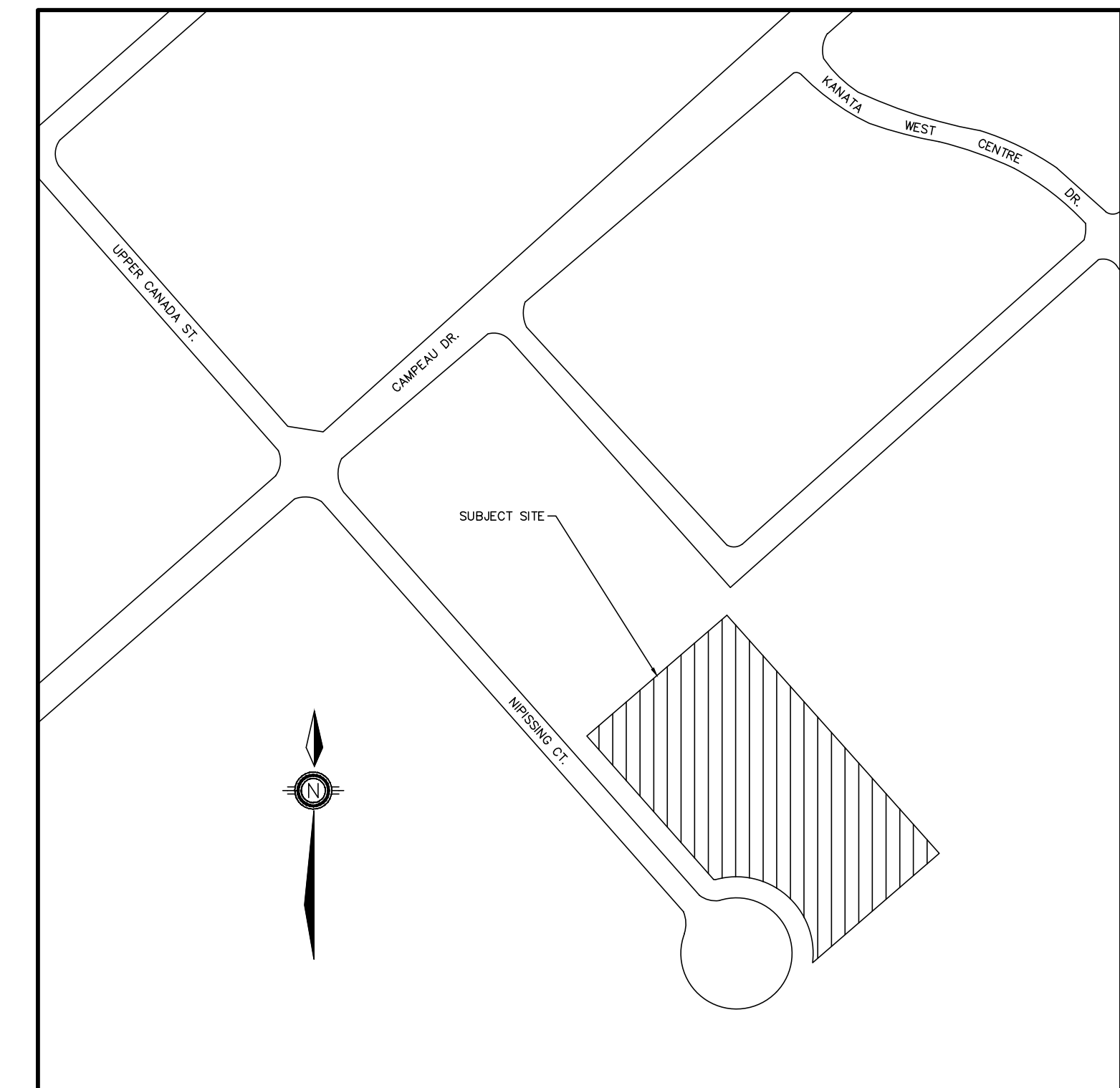


BAPS CHARITIES  
201 NIPISSING COURT  
CITY OF OTTAWA

DRAWING LIST

|       |                                       |
|-------|---------------------------------------|
| ND-1  | NOTES AND DETAILS (1 OF 3)            |
| ND-2  | NOTES AND DETAILS (2 OF 3)            |
| ND-3  | NOTES AND DETAILS (3 OF 3)            |
| SG-1  | SITE GRADING PLAN                     |
| SS-1  | SITE SERVICING PLAN                   |
| STM-1 | PRE-DEVELOPMENT STORM CATCHMENT PLAN  |
| STM-2 | POST-DEVELOPMENT STORM CATCHMENT PLAN |
| STM-3 | STORM CATCHMENT DRAINAGE PLAN         |
| EP-1  | EROSION AND SEDIMENT CONTROL PLAN     |



CITY OF OTTAWA  
110 LAURIER AVE W  
OTTAWA, ONTARIO  
K1P 1J1

BAPS CHARITIES  
61 CLAIREVILLE DR.  
TORONTO, ONTARIO  
M9W 5Z7



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## 1. DRAWINGS

- A. THE NOTES ON THIS SHEET APPLY TO ALL WORKS UNDER THIS CONTRACT UNLESS OTHERWISE NOTED ON THE SPECIFIC DETAIL DWGS.
- B. THE STANDARD DRAWINGS OF THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS (OPSS) AND THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) CONSTITUTE PART OF THE PLANS OF THIS CONTRACT.
- C. THE STANDARD DRAWINGS INCLUDED WITH THESE PLANS ARE PROVIDED FOR CONVENIENCE ONLY AND ARE NOT TO BE CONSTRUED TO BE A COMPLETE SET FOR THE PURPOSE OF THE CONTRACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL RELEVANT STANDARD DRAWINGS AND SPECIFICATIONS AS REQUIRED FOR THIS CONTRACT.

## 2. MEASUREMENTS

- A. ALL DIMENSIONS ARE IN METRES, EXCEPT PIPE DIAMETERS, WHICH ARE IN MILLIMETRES, UNLESS SPECIFIED OTHERWISE.
- B. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION, AND ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.

## 3. GENERAL

- A. EXISTING SERVICES AND UTILITIES SHOWN ON THESE CONTRACT DRAWINGS ARE BASED ON THE BEST INFORMATION AVAILABLE AND THEIR LOCATIONS ARE NOT GUARANTEED. THE CONTRACTOR SHALL INTERPRET THIS INFORMATION AS HE WISHES WITH THE UNDERSTANDING THAT THE OWNER DISCLAIMS ALL RESPONSIBILITY FOR ITS ACCURACY AND/OR SUFFICIENCY. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY COMPANIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.
- B. NATIVE MATERIAL, SUITABLE FOR BACKFILL, SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
- C. GRANULAR MATERIAL, USED FOR BACKFILL, SHALL BE PLACED IN LAYERS 150mm IN DEPTH MAXIMUM AND COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY.
- D. ALL DISTURBED AREAS ARE TO BE REINSTATED TO THEIR ORIGINAL CONDITION OR BETTER, AS DETERMINED BY THE ENGINEER. ALL GRASS AND VEGETATION COVERED AREAS SHALL BE RESTORED BY PLACING 200mm OF APPROVED TOPSOIL AND NURSERY SOO UNLESS NOTED OTHERWISE.

## 4. SANITARY & STORM SEWERS

- A. STORM SEWERS SHALL BE CONSTRUCTED WITH BEDDING AS PER OPSD-802.010, (GRAN. 'A' EMBEDMENT MATERIAL) FOR FLEXIBLE PIPES AND OPSD-802.030 OR 802.031 CLASS B (GRAN. 'A' BEDDING MATERIAL) FOR RIGID PIPES UNLESS OTHERWISE APPROVED BY THE CITY OF OTTAWA.
- B. PRECAST MANHOLES SHALL BE 1200mm DIAMETER UNLESS OTHERWISE SPECIFIED, AND SHALL BE IN ACCORDANCE WITH OPSD-701.010, FRAME AND COVER SHALL BE IN ACCORDANCE WITH OPSD-401.010.
- C. SINGLE CATCHBASINS TO BE 600mm SQUARE PRECAST CONCRETE TO OPSD-705.010. FRAME AND GRATE TO OPSD-400.020.
- D. PLACE ALL CATCHBASIN LATERALS AT 2% GRADE UNLESS OTHERWISE NOTED. PIPE SIZE MINIMUM 250mm DIAMETER SINGLE, 300mm DIAMETER DOUBLE.
- E. FOR ALL PVC PIPES CONNECTING INTO CONCRETE MH's AND CB's USE PVC MH ADAPTER COATED WITH SAND.
- F. ALL CONNECTIONS TO THE STORM MAIN SHALL BE MADE WITH A STOM MANHOLE OR APPROVED FACTORY TEE CONNECTION AS PER OPSD-701.10 OR 708.03.
- G. MANHOLE BENCHING SHALL CONFORM WITH OPSD-701.021.
- H. MAINTENANCE HOLE TOPS (FRAMES) AND CATCH BASIN (FRAMES) ARE TO BE SET TO BASE COURSE ASPHALT GRADE AND THEN ADJUSTED TO FINAL GRADE WHEN THE TOP LIFT OF ASPHALT IS PLACED. ALL ADJUSTMENT WILL BE IN ACCORDANCE WITH OPSD-704.010.
- I. ALL PIPE HANDLING INSTALLATIONS MUST BE IN STRICT COMPLIANCE WITH MANUFACTURERS INSTALLATION GUIDES AND THE O.C.P.A. OR UNIBELL GUIDELINES.
- J. ALL SEWERS WITH LESS THAN 1.2m OF COVER MUST BE INSULATED.
- K. PVC STORM PIPE MATERIAL TO BE PVC SDR 35, CERTIFIED TO C.S.A. STANDARDS 182.2 AND 182.4 LATEST AMENDMENT.
- L. CONCRETE STORM SEWER PIPE TO BE EQUAL TO CSA SPECIFICATION A257.1 (LATEST AMENDMENT)
- M. SANITARY MAINTENANCE HOLE SHALL HAVE WATERTIGHT GRAME AND COVER IN PONDING AREAS AS PER OPSD 401.030
- N. SERVICE CONNECTIONS AND UTILITY CUTS TO BE BACKFILLED WITH UNSHRINKABLE FILL.
- O. SEWER PIPES TO BE BACKFILLED UP TO 300mm ABOVE TOP, WITH A GRANULAR MATERIAL TO AIDE COMPACTION IN TIGHT SPACES WITHOUT DAMAGING PIPES.

## 5. WATERMAIN

- A. WATERMAIN SHALL BE CONSTRUCTED TO THE LATEST CITY OF OTTAWA STANDARDS, AND OR THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS)
- B. ALL WATER SERVICES LESS THAN OR EQUAL TO 50mm DIA SHALL BE TYPE "K" COPPER.
- C. WATERMAIN TRENCH AND BEDDING SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD W17, UNLESS SPECIFIED OTHERWISE
- D. VALVE BOXES SHALL BE INSTALLED PER CITY OF OTTAWA STD W24.
- E. THRUST BLOCKS FOR WATERMAINS TO BE INSTALLED PER CITY OF OTTAWA STD. W25.3 AND W25.4.
- F. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TEMPORARY CAPS, PLUGS, BLOW-OFFS, AND NOZZLES REQUIRED FOR TESTING AND DISINFECTION OF THE WATERMAIN.
- G. WATERMAIN CROSSING OVER AND BELOW SEWERS SHALL BE IN ACCORDANCE WITH THE CITY OF OTTAWA STD. W25.2 AND W25.
- H. WATER SERVICES ARE TO BE INSULATED PER CITY STD. W23 WHERE SEPARATION BETWEEN SERVICES AND MAINTENANCE HOLES ARE LESS THAN 2.4M.
- I. THE MINIMUM VERTICAL CLEARANCE BETWEEN WATERMAIN AND SEWER/UTILITY IS 0.5m AS PER MOE GUIDELINES.
- J. ALL WATERMAINS SHALL HAVE A MINIMUM COVER OR 2.4M, OTHERWISE THERMAL INSULATION IS REQUIRED AS PER STD DWG W22.
- K. FIRE HYDRANT INSTALLATION AS PER STD DWG W19, ALL BOTTOM OF HYDRANT FLANGE ELEVATIONS TO BE INSTALLED 0.10M ABOVE PROPOSED FINISHED GRADE AT HYDRANT; FIRE HYDRANT LOCATION AS PER STD DWG W18.
- L. ALL WATERMAIN STUBS SHALL BE TERMINATED WITH A PLUG AND 50MM BLOW OFF UNLESS OTHERWISE NOTED.
- M. ALL WATERMAINS SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH THE CITY OF OTTAWA AND ONTARIO GUIDELINES UNLESS OTHERWISE DIRECTED. PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC. MUST BE PROVIDED.

## 6. PAVEMENT DESIGN

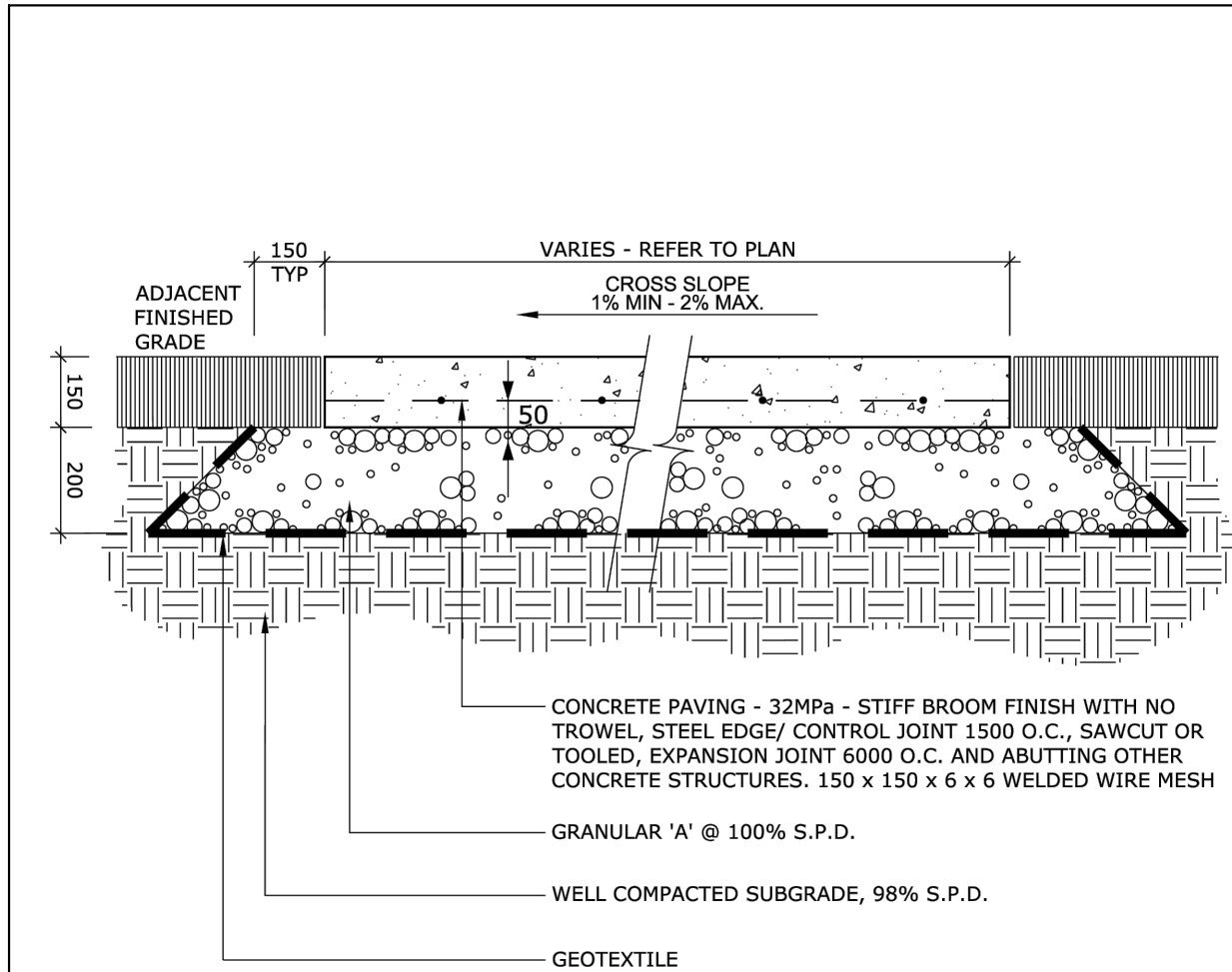
- A. THE PAVEMENT STRUCTURE SHALL CONSIST OF THE FOLLOWING (AS PER MENDEZ & ASSOCIATES LTD. SUBSURFACE INVESTIGATION REPORT DATED JULY 7TH 2026) :

### LIGHT DUTY PAVEMENT

- OPSS 1151 SUPERPAVE 9.5
- GRANULAR A BASE
- GRANULAR B BASE

### HEAVY DUTY PAVEMENT

- OPSS 1151 SUPERPAVE 12.5
- GRANULAR A BASE
- GRANULAR B BASE

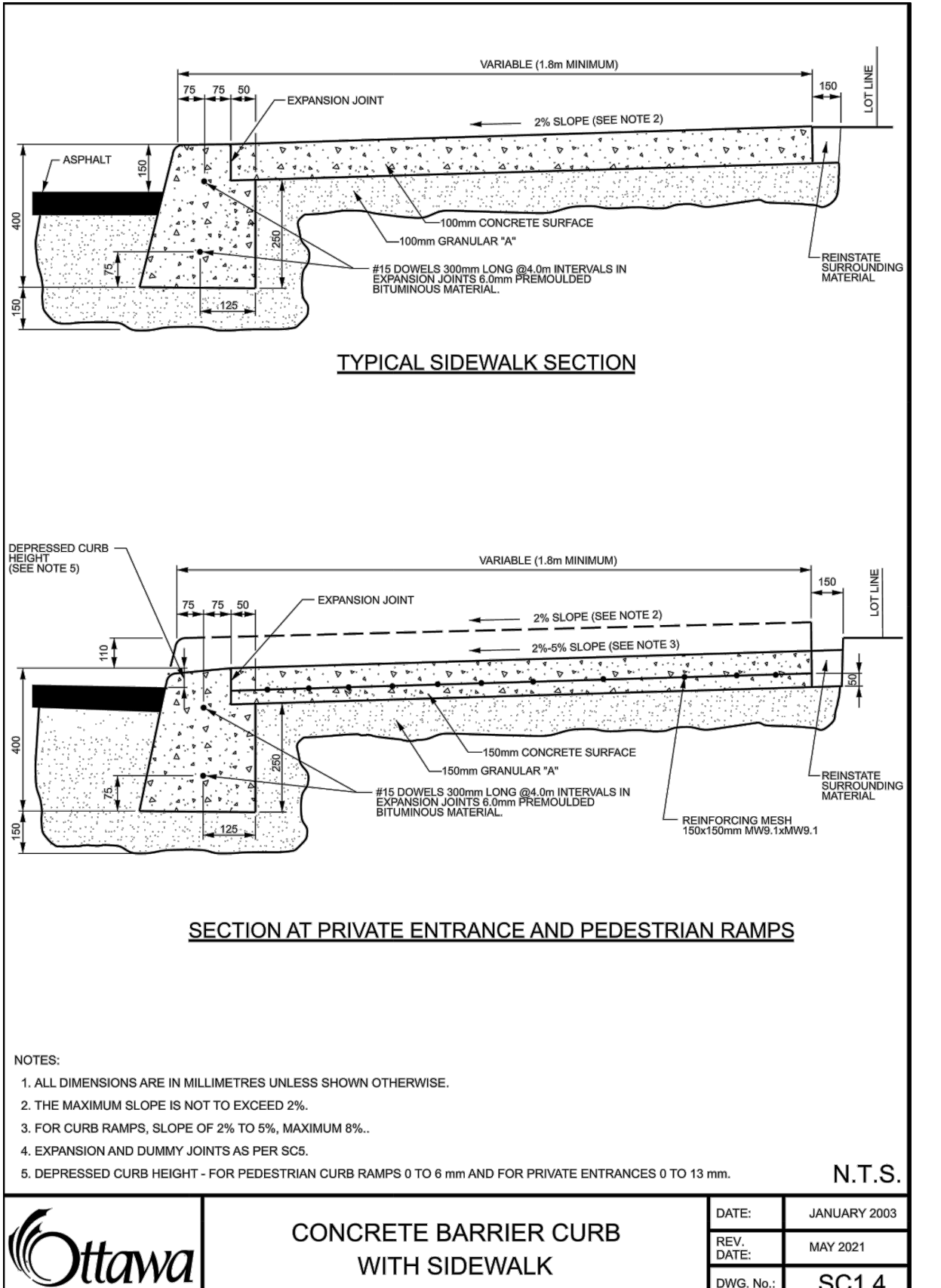
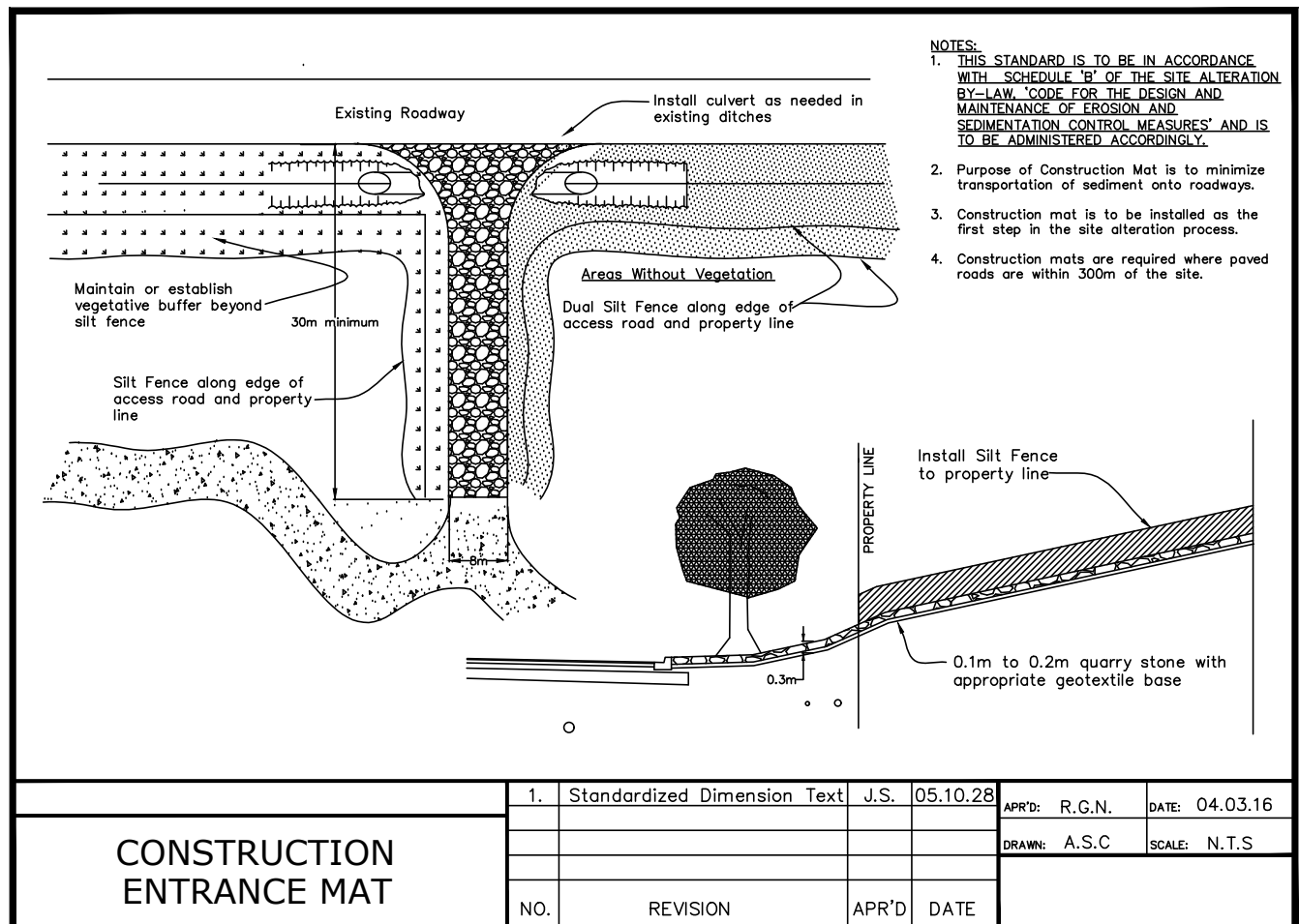
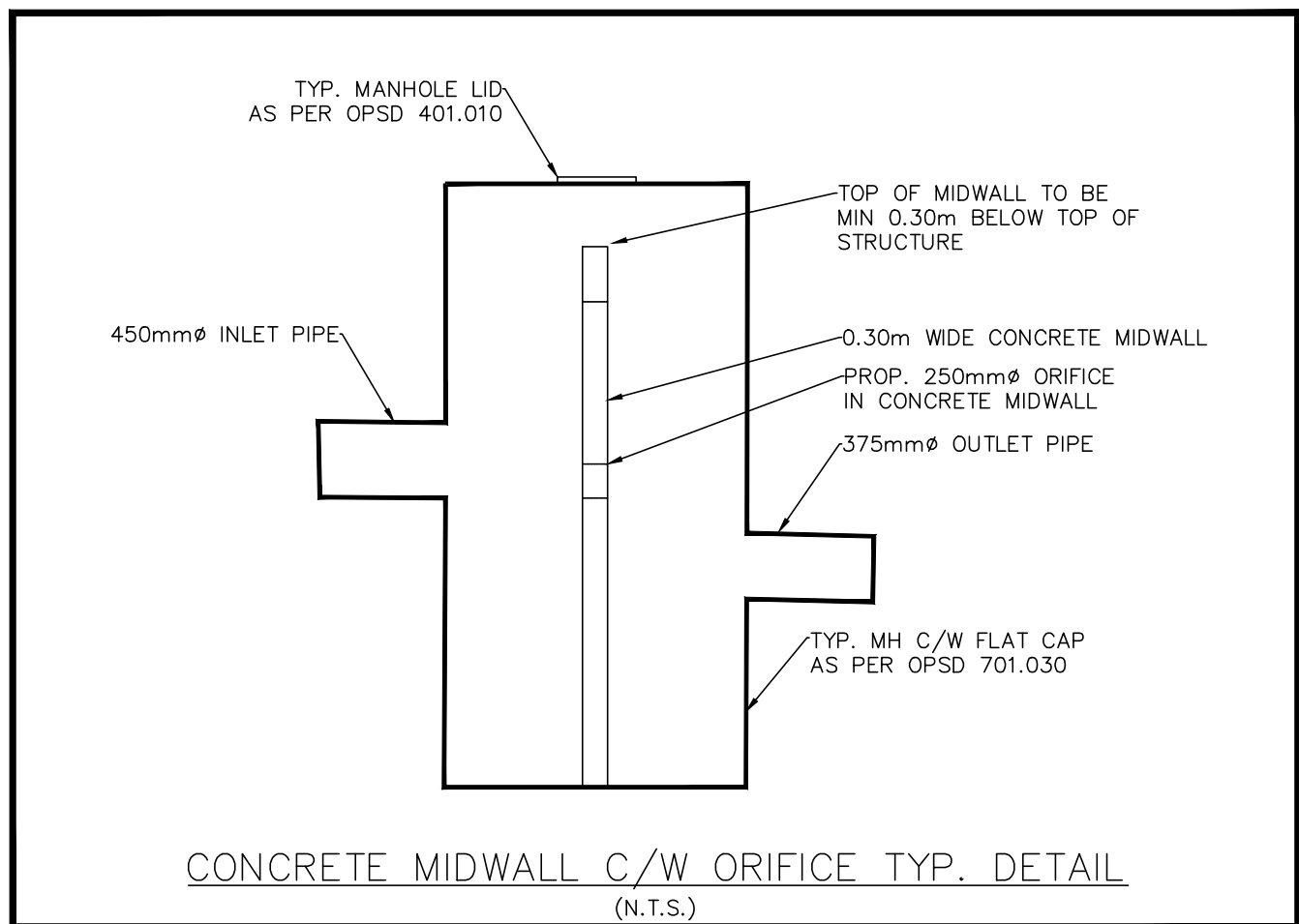


### NOTES:

- ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
- CONCRETE SHALL BE 32MPa CLASS C-2 MEETING THE REQUIREMENTS OF S.P. F-3510 AND PLACED IN ACCORDANCE WITH S.P. F-9040
- GRANULAR 'A' SHALL MEET THE REQUIREMENTS OF OPSS 1010
- APPROVED NON-WOVEN CLASS 1 GEOTEXTILE AS PER MS-22.15 WHEN WARRANTED BY SOIL CONDITION, SUBJECT TO APPROVAL BY THE CONTRACT ADMINISTRATOR

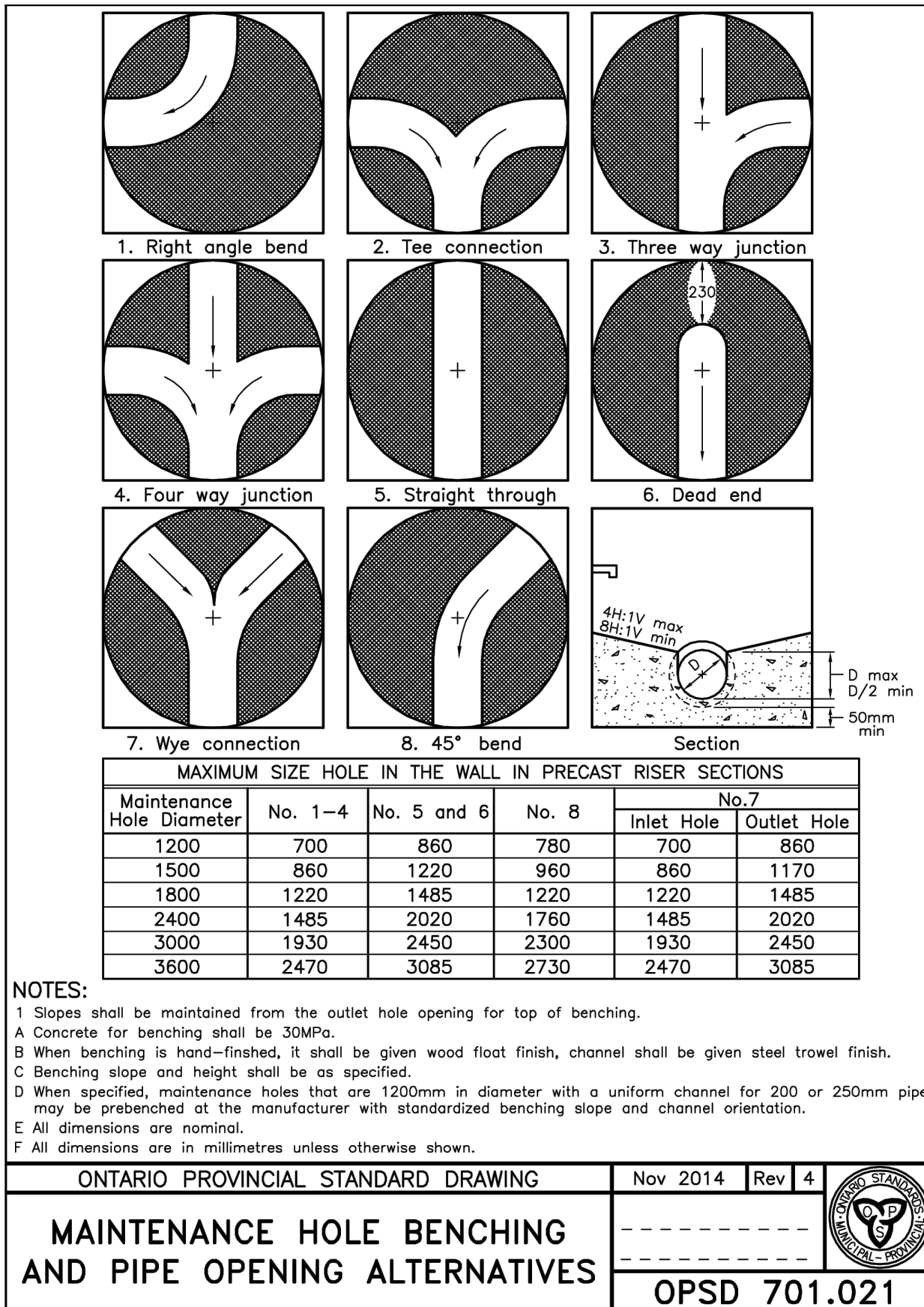
### LIGHT DUTY WALKWAY CONCRETE PAVING

DATE: FEB 2013  
REV: FEB 2016  
DWG No: SC22



- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.
  - THE MAXIMUM SLOPE IS NOT TO EXCEED 2%.
  - FOR CURB RAMPS, SLOPE OF 2% TO 5%, MAXIMUM 8%.
  - EXPANSION AND DUMMY JOINTS AS PER SCS.
  - DEPRESSED CURB HEIGHT- FOR PEDESTRIAN CURB RAMPS 0 TO 6mm AND FOR PRIVATE ENTRANCES 0 TO 13 mm.
- N.T.S.

|                                                                                     |                                        |               |              |
|-------------------------------------------------------------------------------------|----------------------------------------|---------------|--------------|
|  | CONCRETE BARRIER CURB<br>WITH SIDEWALK | DATE:         | JANUARY 2003 |
|                                                                                     |                                        | REV.<br>DATE: | MAY 2021     |
|                                                                                     |                                        | DWG. No.:     | SC1.4        |

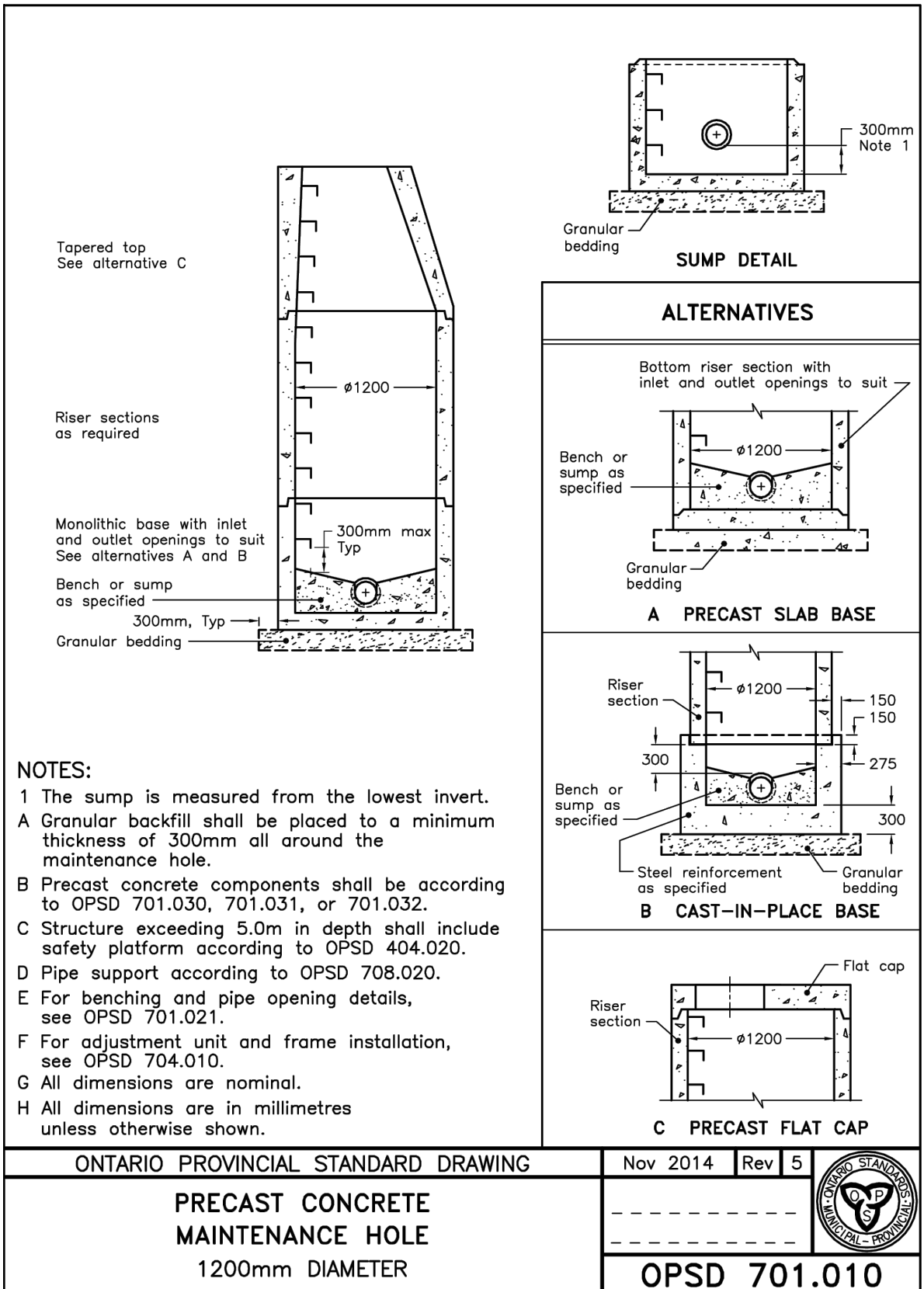


### NOTES:

- Slopes shall be maintained from the outlet hole opening for top of benching.
- Concrete for benching shall be 30MPa.
- When benching is hand-finished, it shall be given wood float finish, channel shall be given steel trowel finish.
- Benching slope and height shall be as specified.
- When specified, maintenance holes that are 1200mm in diameter with a uniform channel for 200 or 250mm pipe may be prebored at the manufacturer with standardized benching slope and channel orientation.
- All dimensions are nominal.
- All dimensions are in millimetres unless otherwise shown.

### ONTARIO PROVINCIAL STANDARD DRAWING MAINTENANCE HOLE BENCHING AND PIPE OPENING ALTERNATIVES

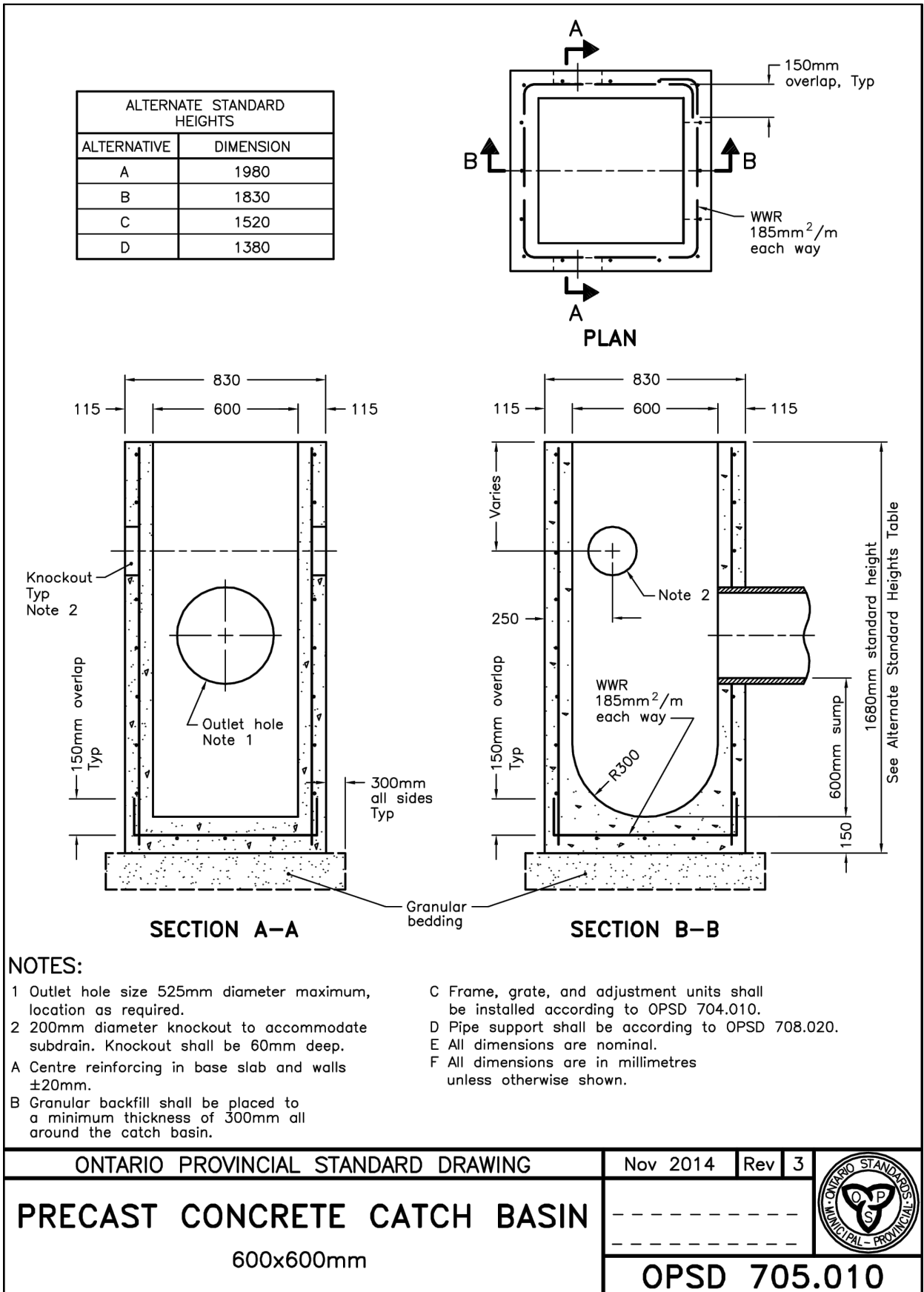
Nov 2014 | Rev 4  
OPSD 701.021



### NOTES:

- The sump is measured from the lowest invert.
- A Granular backfill shall be placed to a minimum thickness of 300mm all around the maintenance hole.
- Precast concrete components shall be according to OPSD 701.030, 701.031, or 701.032.
- Structure exceeding 5.0m in depth shall include safety platform according to OPSD 404.020.
- Pipe support according to OPSD 708.020.
- For benching and pipe opening details, see OPSD 701.021.
- For adjustment unit and frame installation, see OPSD 704.010.
- All dimensions are nominal.
- All dimensions are in millimetres unless otherwise shown.

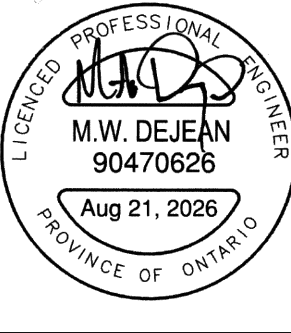
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|---------------------------------------------------|----------|--------------|
| ONTARIO PROVINCIAL STANDARD DRAWING               | Nov 2014 | Rev 5        |
| PRECAST CONCRETE MAINTENANCE HOLE 1200mm DIAMETER |          | OPSD 701.010 |



### NOTES:

- Outlet hole size 525mm diameter maximum, location as required.
- 200mm diameter knockout to accommodate subdrain. Knockout shall be 60mm deep.
- Centre reinforcing in base slab and walls unless otherwise shown.
- Frame, grates, and adjustment units shall be installed according to OPSD 704.010.
- Pipe support shall be according to OPSD 708.020.
- All dimensions are nominal.
- All dimensions are in millimetres unless otherwise shown.

|                                        |          |              |
|----------------------------------------|----------|--------------|
| ONTARIO PROVINCIAL STANDARD DRAWING    | Nov 2014 | Rev 3        |
| PRECAST CONCRETE CATCH BASIN 600x600mm |          | OPSD 705.010 |



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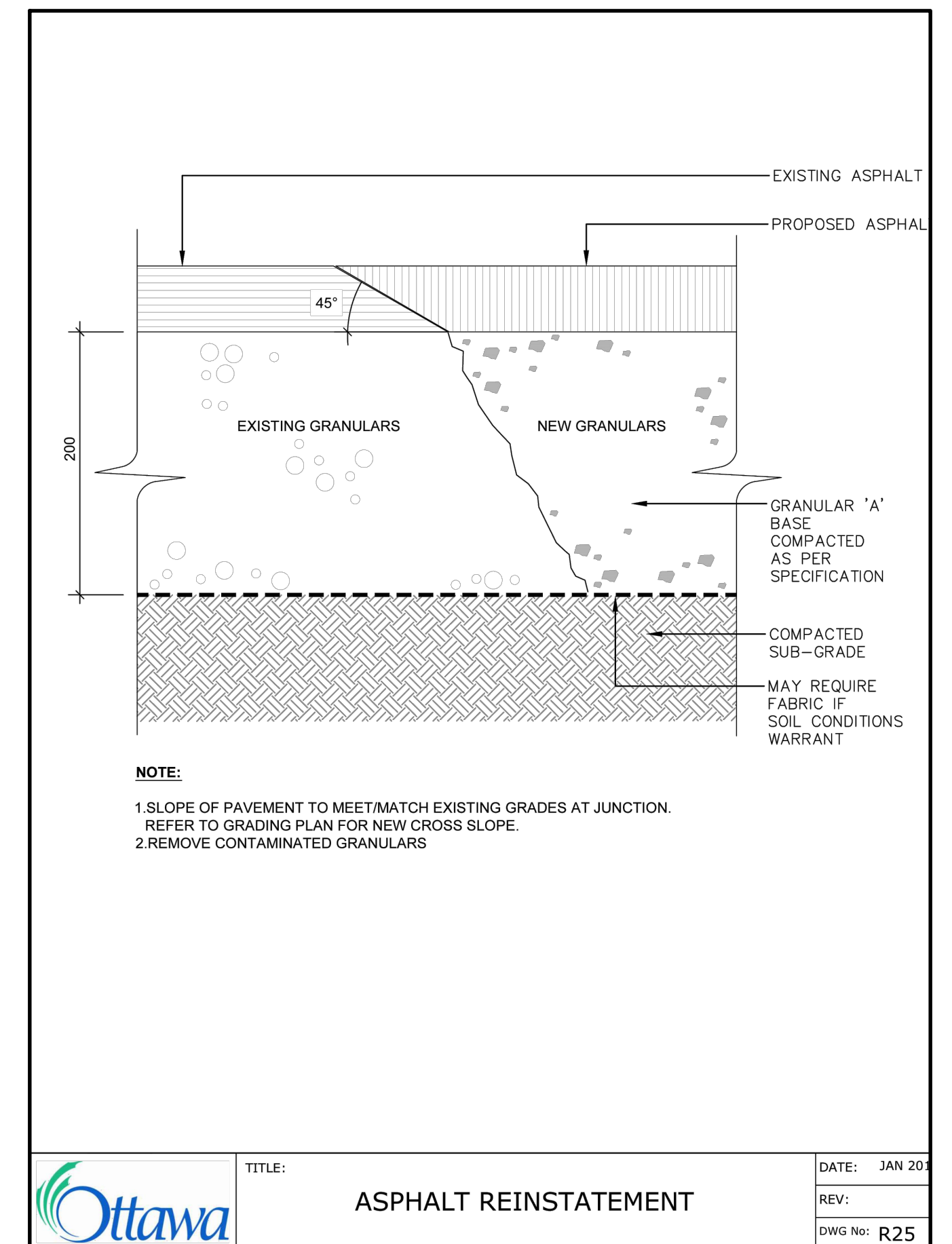
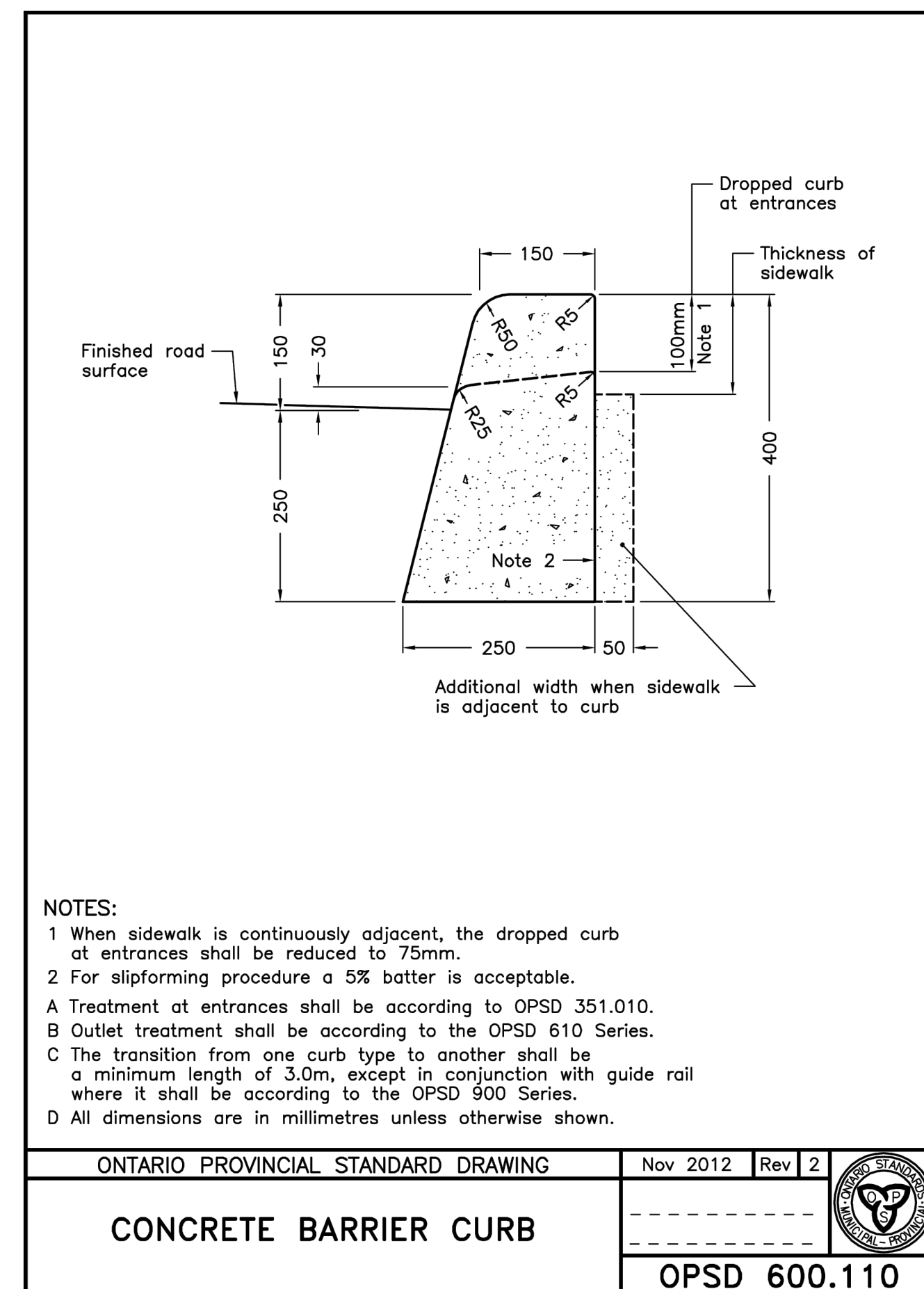
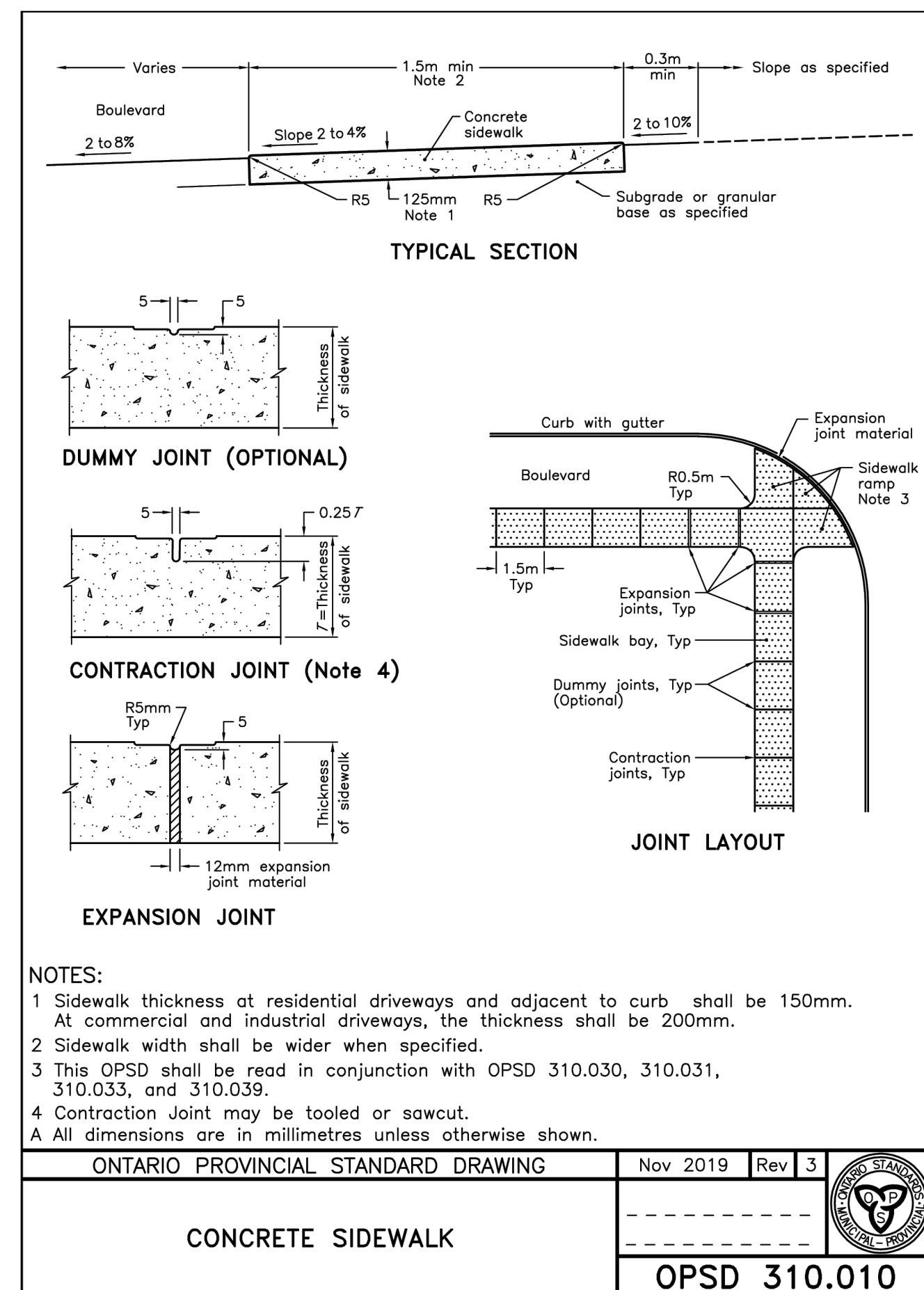
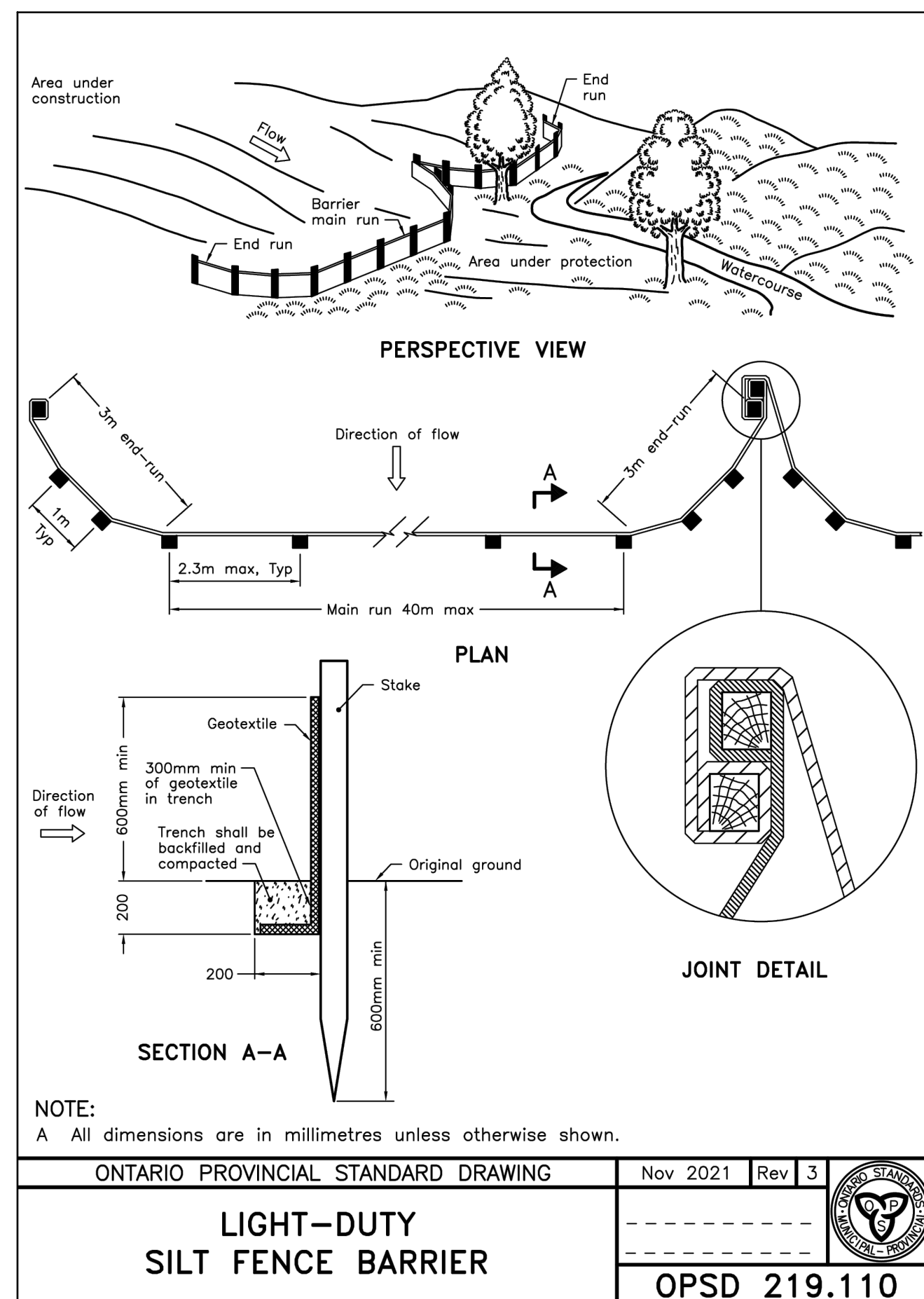
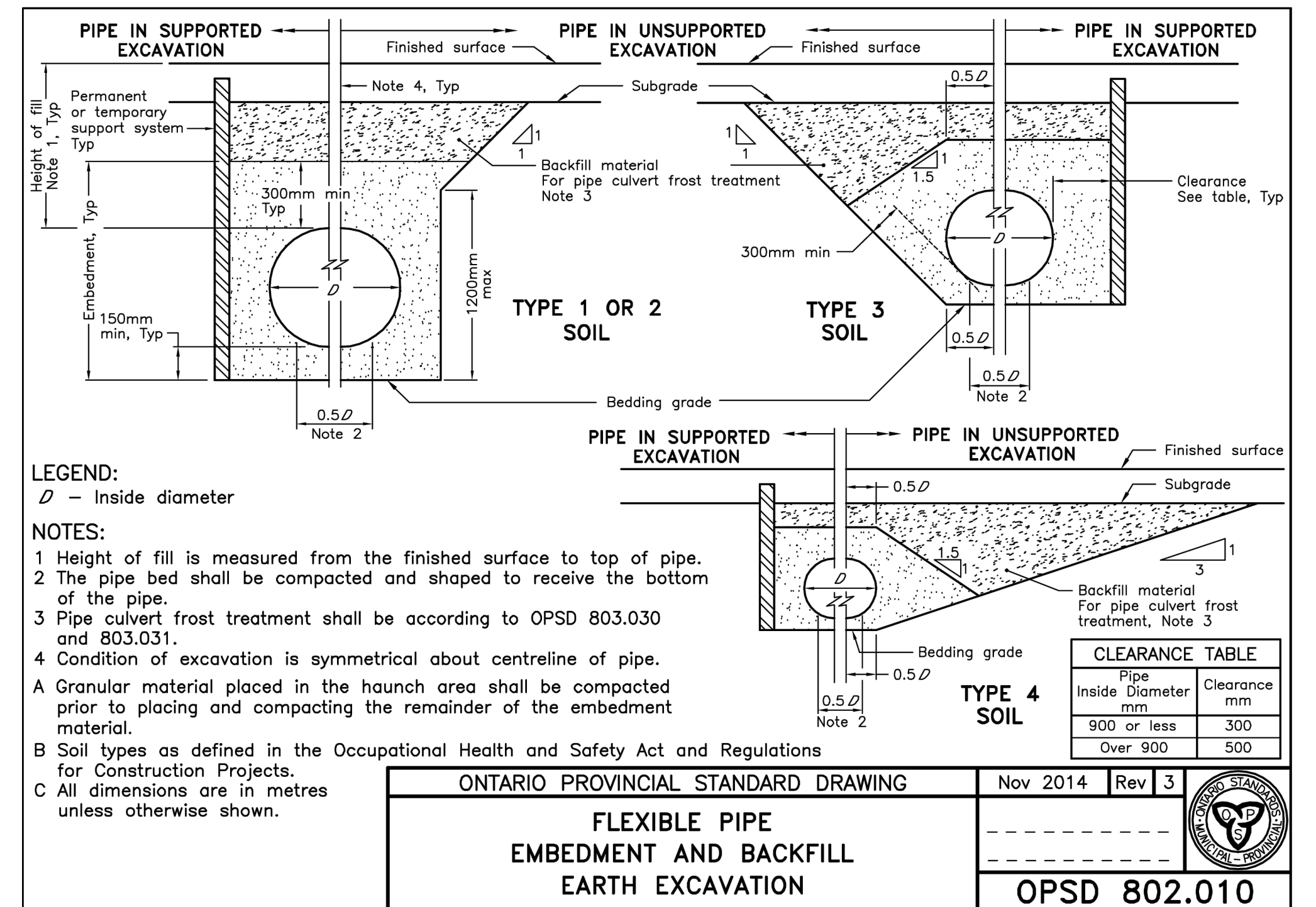
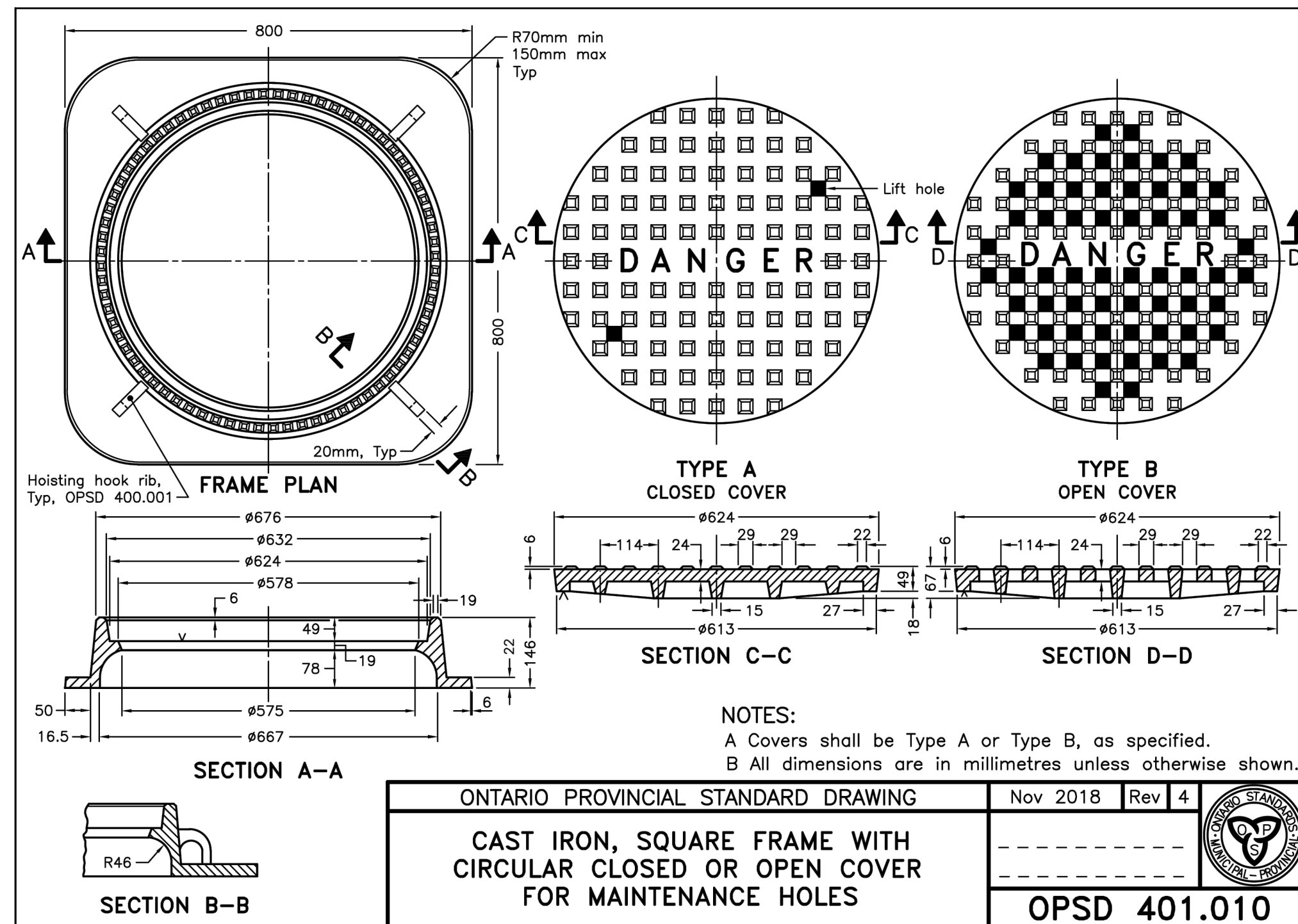
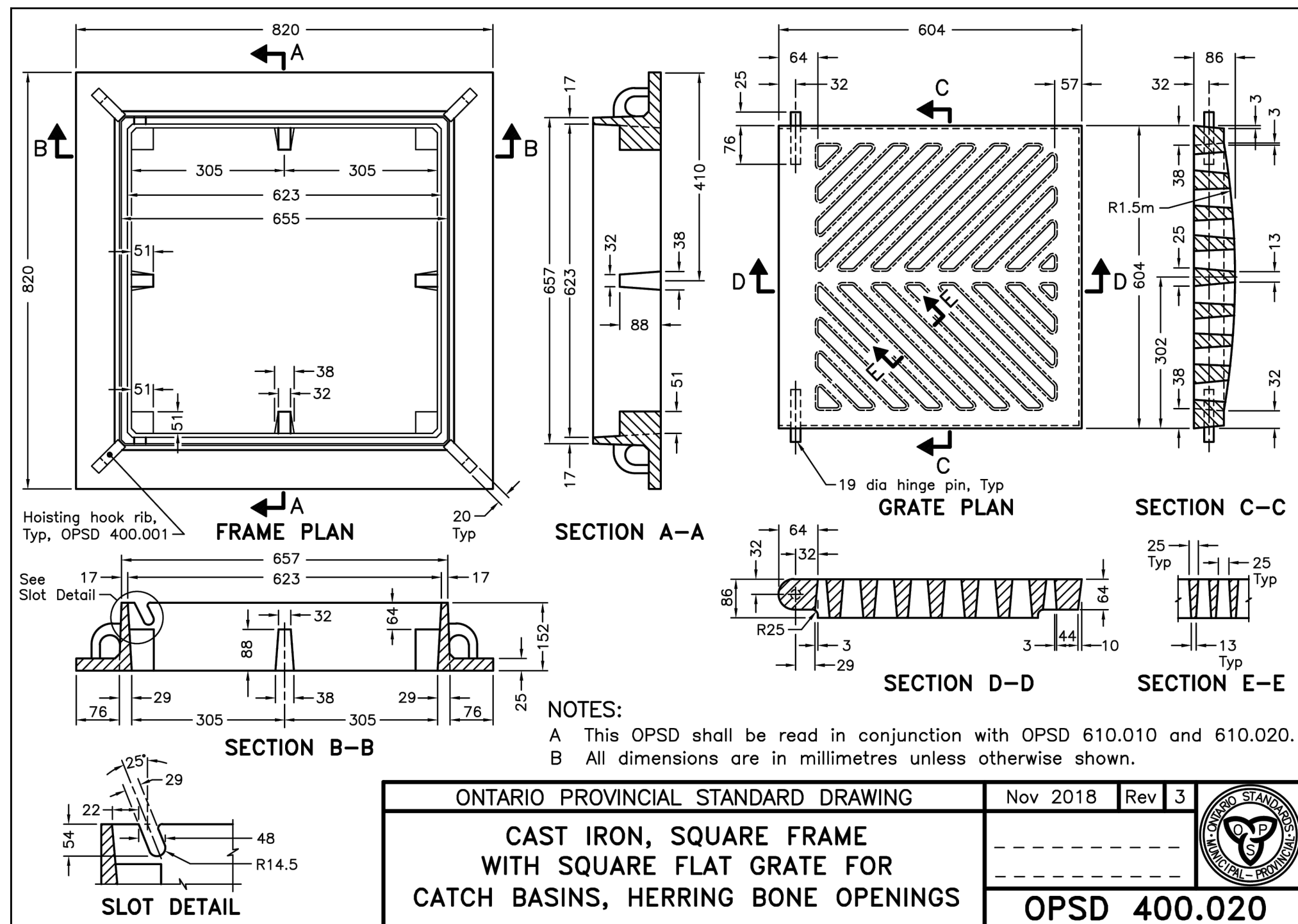
NOTES AND DETAILS  
(1 OF 3)

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|             |     |             |           |            |          |
|-------------|-----|-------------|-----------|------------|----------|
| DESIGNED BY | MWD | HORIZ SCALE | N/A       | PROJECT #  | 25028.01 |
| DRAWN BY    | JM  | VERT SCALE  | N/A       | DRAWING #  | ND-1     |
| CHECKED BY  | MWD | DATE        | JULY 2026 | REVISION # | 0        |



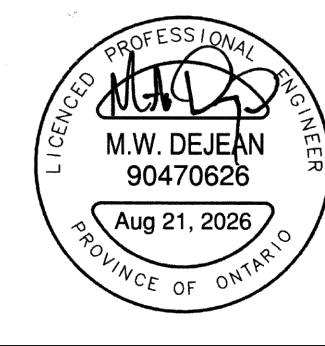
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**BENCHMARK**

ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO GEODETIC DATUM CGVD-1928 :1978. (MONUMENT NO. 19770882)

SITE BENCHMARK - FIRE HYDRANT(TOP OF SPINDLE)  
ELEVATION=106.56



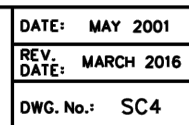
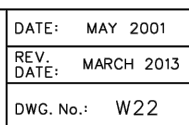
BAPS CHARITIES  
201 NIPissing COURT  
CITY OF OTTAWA

NOTES AND DETAILS  
(2 OF 3)

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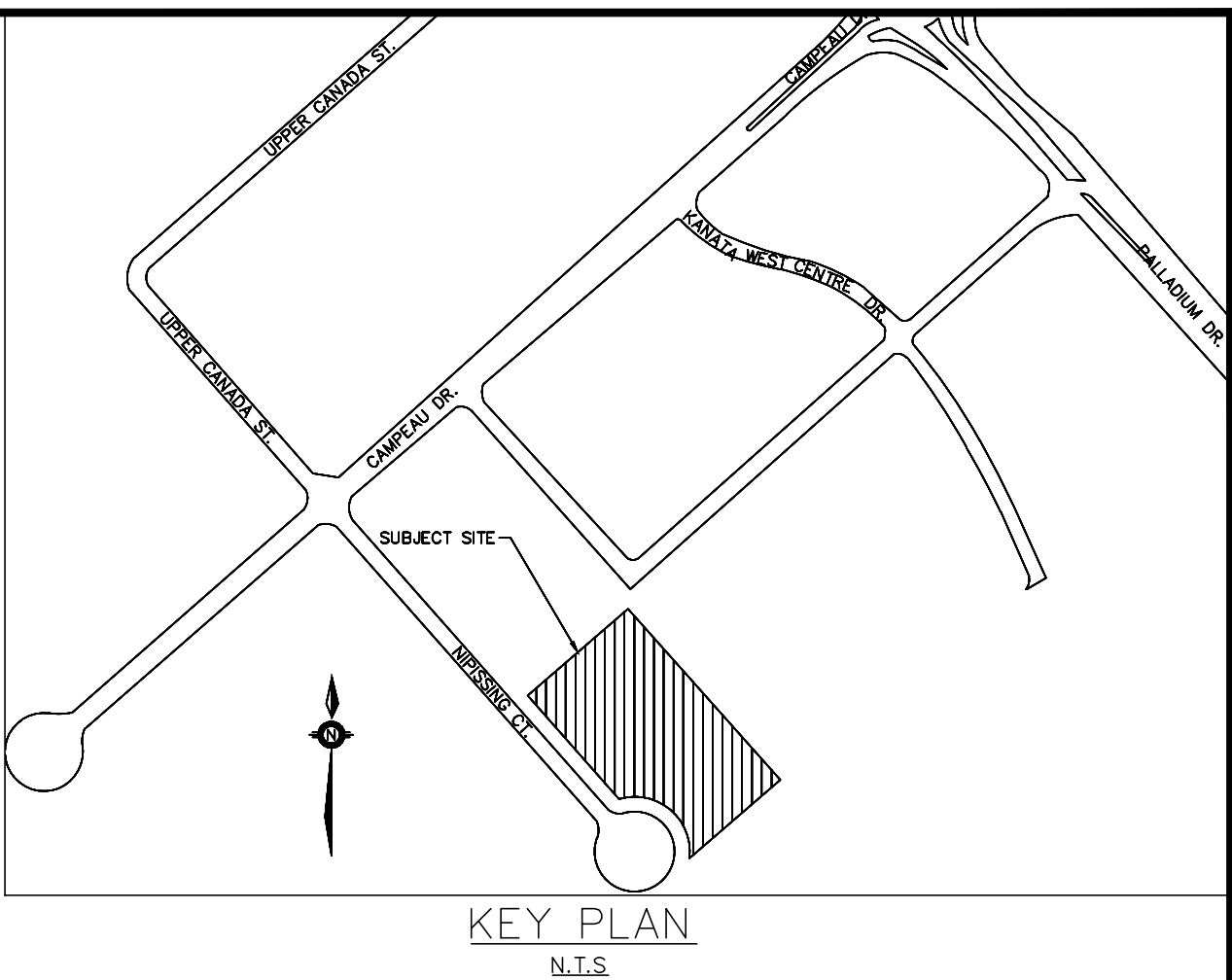
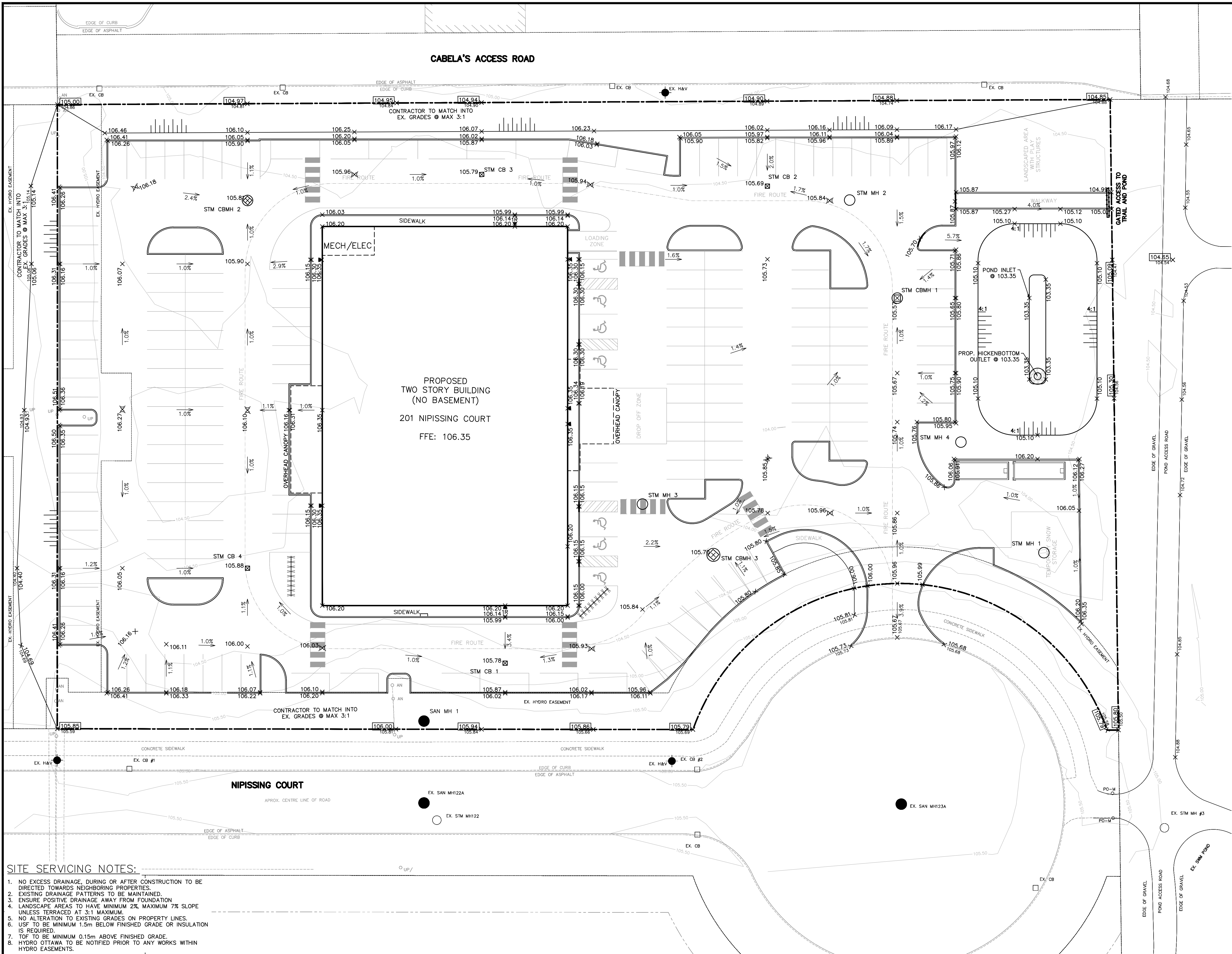
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| DRAWN BY    | JM  | VERT SCALE  | N/A       | DRAWING #  | ND-2     |
| CHECKED BY  | MWD | DATE        | JULY 2026 | REVISION # | 0        |







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LEGEND

- RLCB REAR LAWN CATCH BASIN
- EX. CB EXISTING CATCH BASIN
- STM DCB PROPOSED DOUBLE CATCH BASIN
- STM MH PROPOSED STORM MANHOLE
- EX. STM MH EXISTING STORM MANHOLE
- SAN MH SANITARY MANHOLE
- EX. SAN MH EXISTING SANITARY MANHOLE
- HYD. FIRE HYDRANT
- EX. H&V EXISTING FIRE HYDRANT
- VB WATER VALVE
- 254.63 PROPOSED ELEVATION
- 254.09 EXISTING ELEVATION
- 1.5% PROPOSED DIRECTION AND GRADE
- BACK OF CURB
- EDGE OF PAVEMENT
- PROP. CURB CUT LOCATION
- EX. CURB CUT LOCATION
- ( ) HIGH POINT
- PROPERTY LINE
- LIMIT OF WORK
- PERSON DOOR
- 305.18 PROPOSED SUBDIVISION GRADES  
REFERENCED FROM IBI GROUP'S  
KANATA WEST BUSINESS PARK PH. 4  
PROJ. NO. 14289 DWG. NO. 203  
DATED 19-07-25

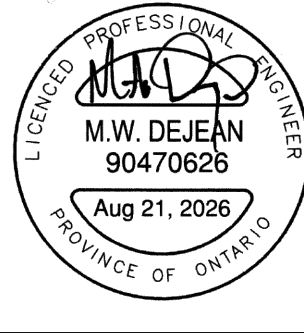
SITE SERVICING NOTES:

- NO EXCESS DRAINAGE, DURING OR AFTER CONSTRUCTION TO BE DIRECTED TOWARDS NEIGHBORING PROPERTIES.
- EXISTING DRAINAGE PATTERNS TO BE MAINTAINED.
- ENSURE POSITIVE DRAINAGE AWAY FROM FOUNDATION.
- LANDSCAPE AREAS TO HAVE MINIMUM 2% MAXIMUM 7% SLOPE UNLESS TERRACED AT 3:1 MAXIMUM.
- NO ALTERATION TO EXISTING GRADES ON PROPERTY LINES.
- USE TO BE MINIMUM 1.5m BELOW FINISHED GRADE OR INSULATION IS REQUIRED.
- TOF TO BE MINIMUM 0.15m ABOVE FINISHED GRADE.
- HYDRO OTTAWA TO BE NOTIFIED PRIOR TO ANY WORKS WITHIN HYDRO EASEMENTS.

BENCHMARK

ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO GEODETIC DATUM CGVD-1928 :1978. (MONUMENT NO. 19770882)

SITE BENCHMARK - FIRE HYDRANT(TOP OF SPINDLE)  
ELEVATION=106.56



BAPS CHARITIES  
201 NIPISSING COURT  
CITY OF OTTAWA

SITE GRADING PLAN

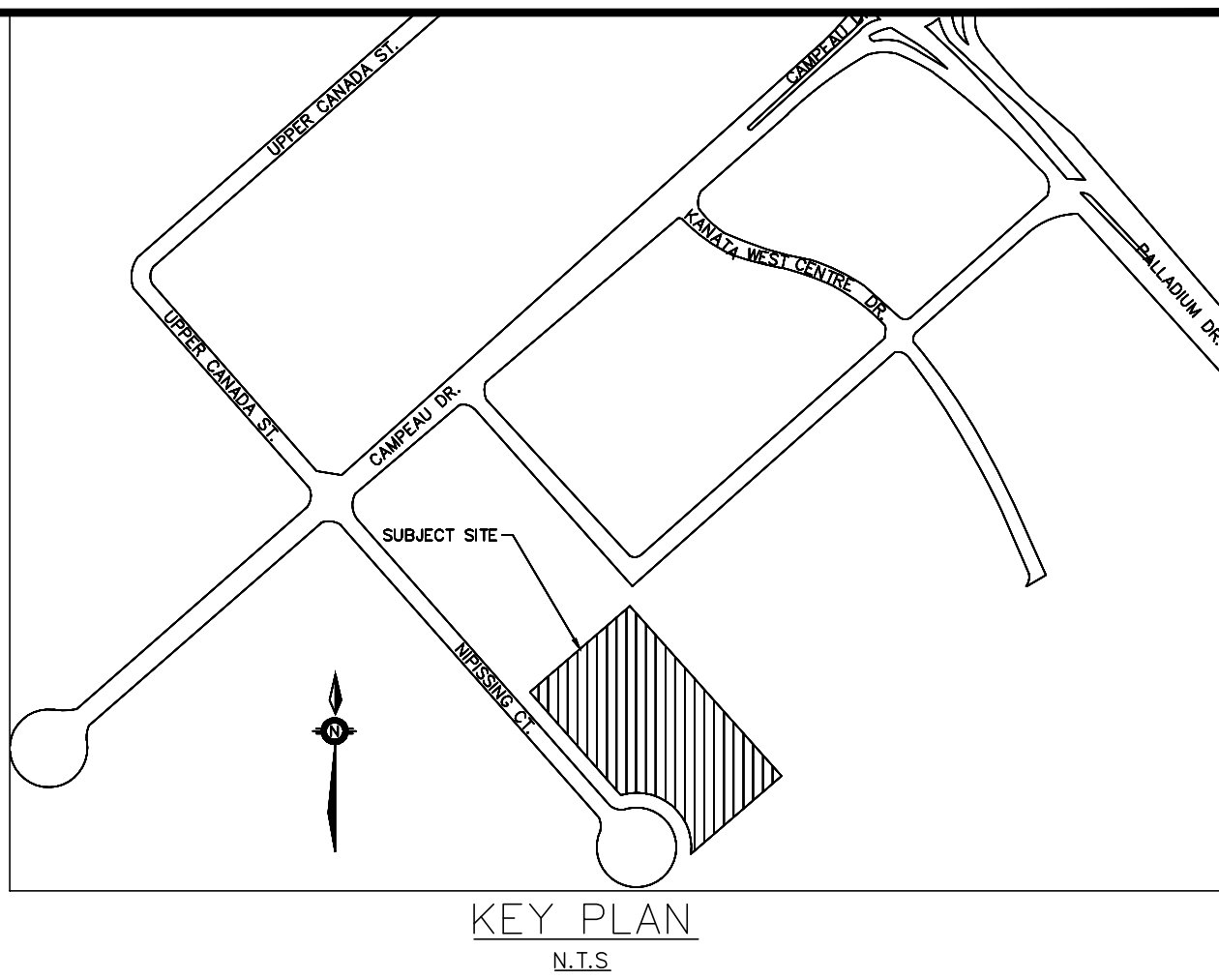
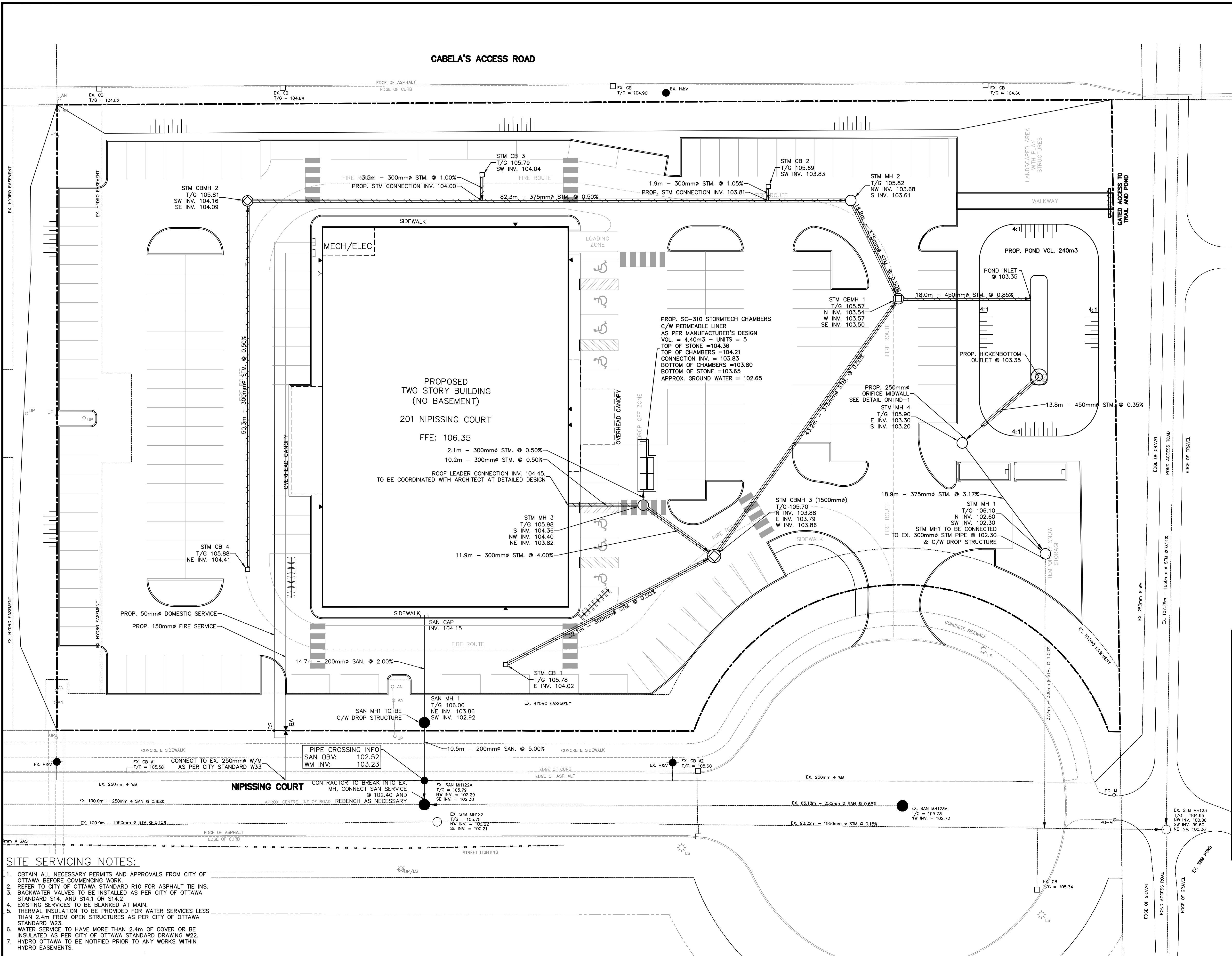


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|             |     |             |           |            |          |
|-------------|-----|-------------|-----------|------------|----------|
| DESIGNED BY | MWD | HORIZ SCALE | 1:250     | PROJECT #  | 25028.01 |
| DRAWN BY    | JM  | VERT SCALE  | N/A       | DRAWING #  | SG-1     |
| CHECKED BY  | MWD | DATE        | JULY 2026 | REVISION # | 0        |

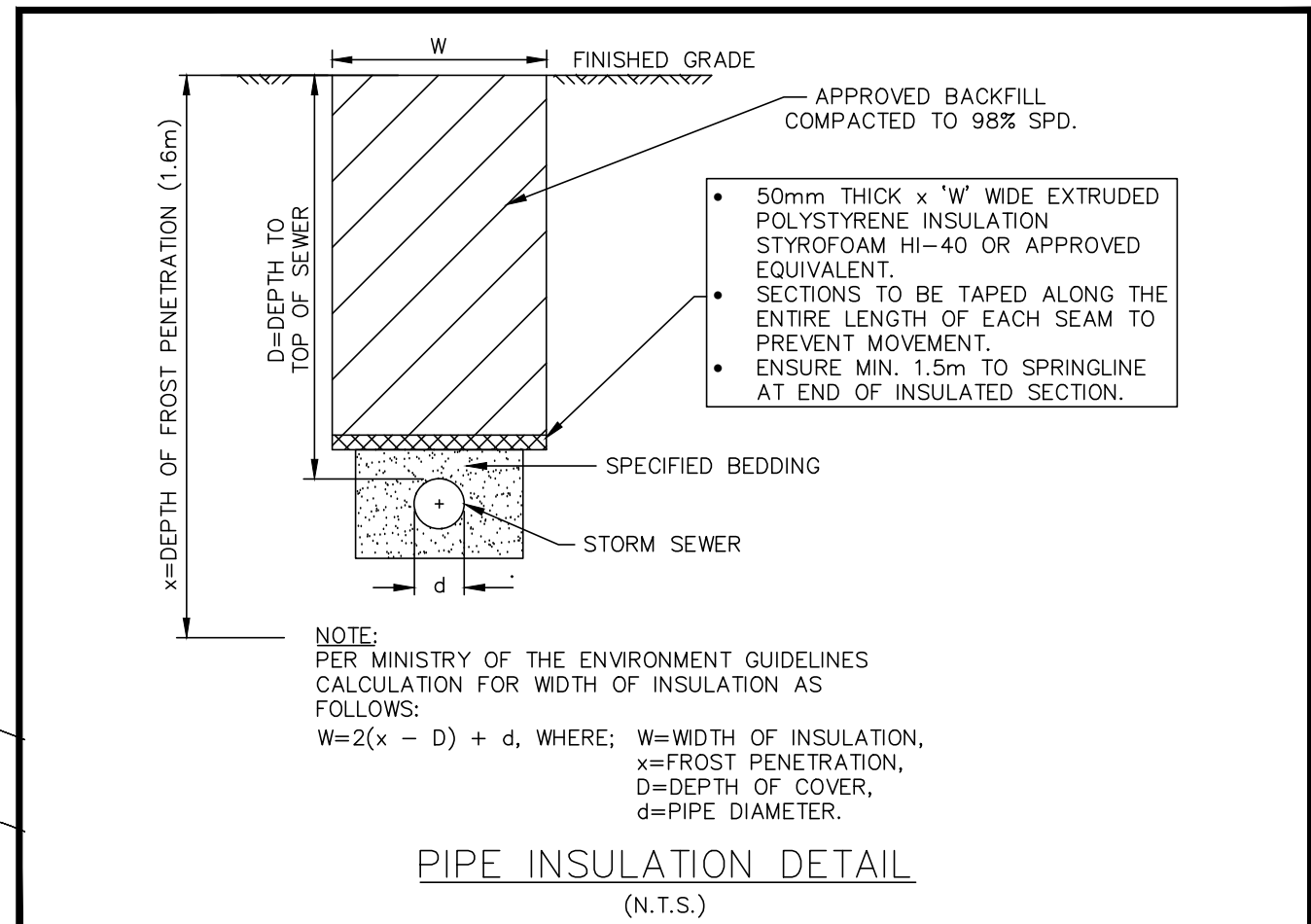


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#### LEGEND

- RLCB REAR LAWN CATCH BASIN
- EX. CB EXISTING CATCH BASIN
- STM DCB PROPOSED DOUBLE CATCH BASIN
- STM MH PROPOSED STORM MANHOLE
- EX. STM MH EXISTING STORM MANHOLE
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- EX. CURB CUT LOCATION
- HIGH POINT
- PROPERTY LINE
- LIMIT OF WORK
- PERSON DOOR
- PROPOSED PIPE INSULATION AS PER SS-1 DETAIL



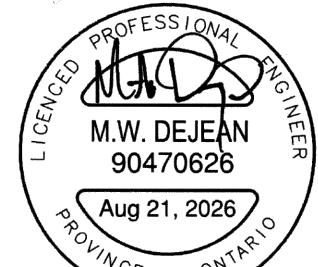
#### SITE SERVICING NOTES:

- OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM CITY OF OTTAWA BEFORE COMMENCING WORK.
- REFER TO CITY OF OTTAWA STANDARD R10 FOR ASPHALT TIE INS.
- BACKWATER VALVES TO BE INSTALLED AS PER CITY OF OTTAWA STANDARD S14, AND S14.1 OR S14.2
- EXISTING SERVICES TO BE BLANKED AT MAIN.
- THERMAL INSULATION TO BE PROVIDED FOR WATER SERVICES LESS THAN 2.4m FROM OPEN STRUCTURES AS PER CITY OF OTTAWA STANDARD W23.
- WATER SERVICE TO HAVE MORE THAN 2.4m OF COVER OR BE INSULATED AS PER CITY OF OTTAWA STANDARD DRAWING W22.
- HYDRO OTTAWA TO BE NOTIFIED PRIOR TO ANY WORKS WITHIN HYDRO EASEMENTS.

#### BENCHMARK

ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO GEODETIC DATUM CGVD-1928 :1978. (MONUMENT NO. 19770882)

SITE BENCHMARK - FIRE HYDRANT(TOP OF SPINDLE)  
ELEVATION=106.56



BAPS CHARITIES  
201 NIPISSING COURT  
CITY OF OTTAWA

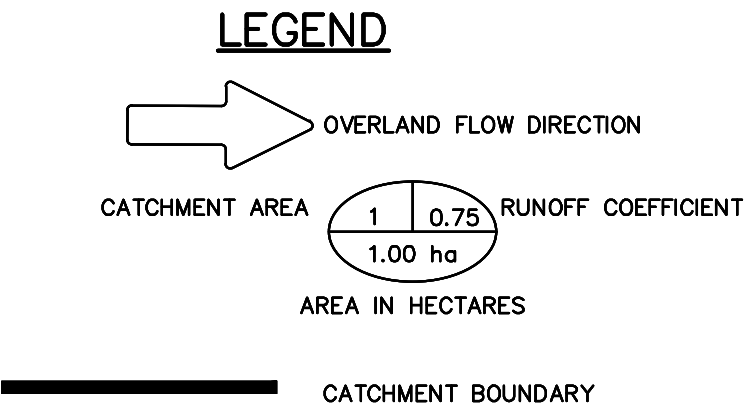
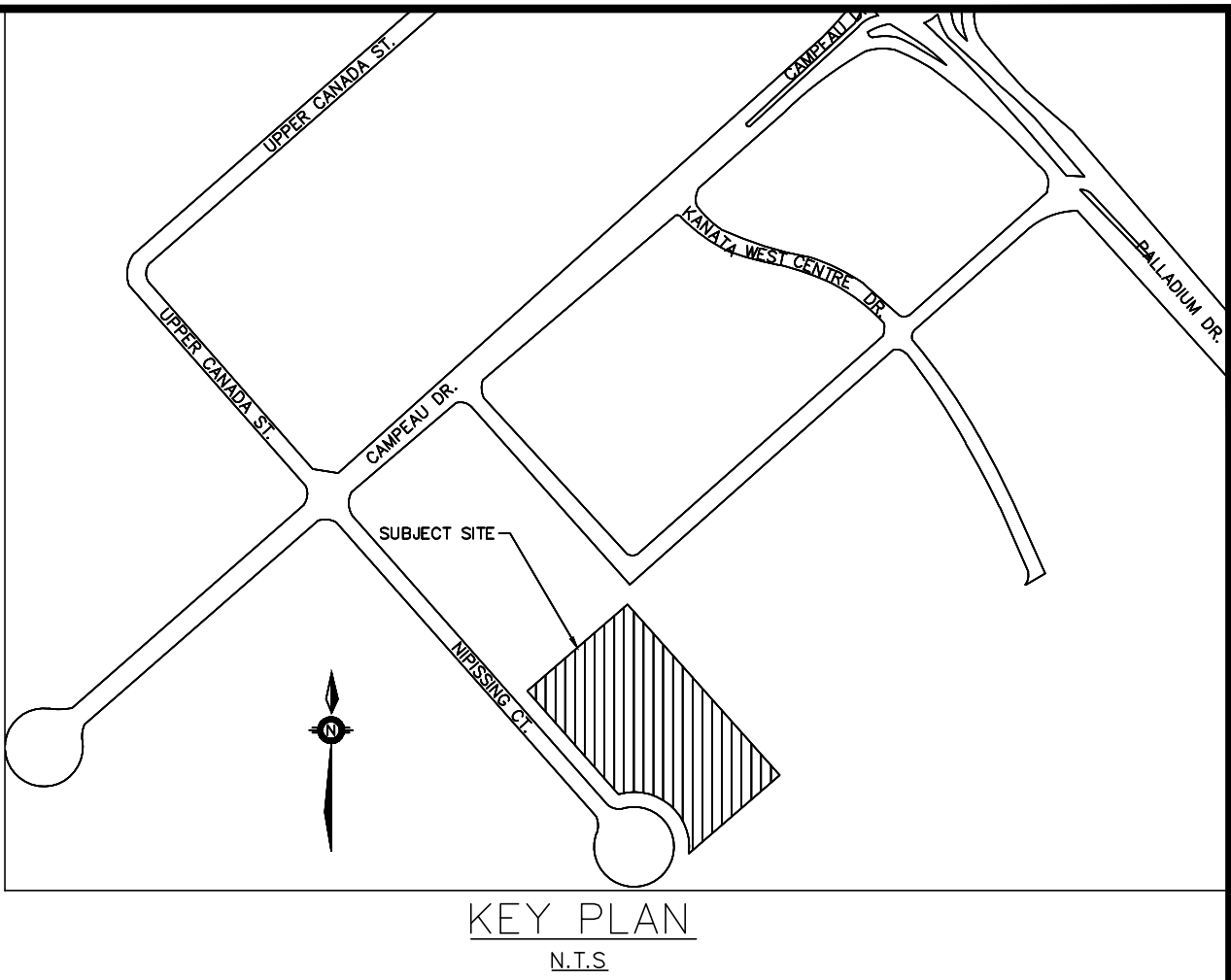
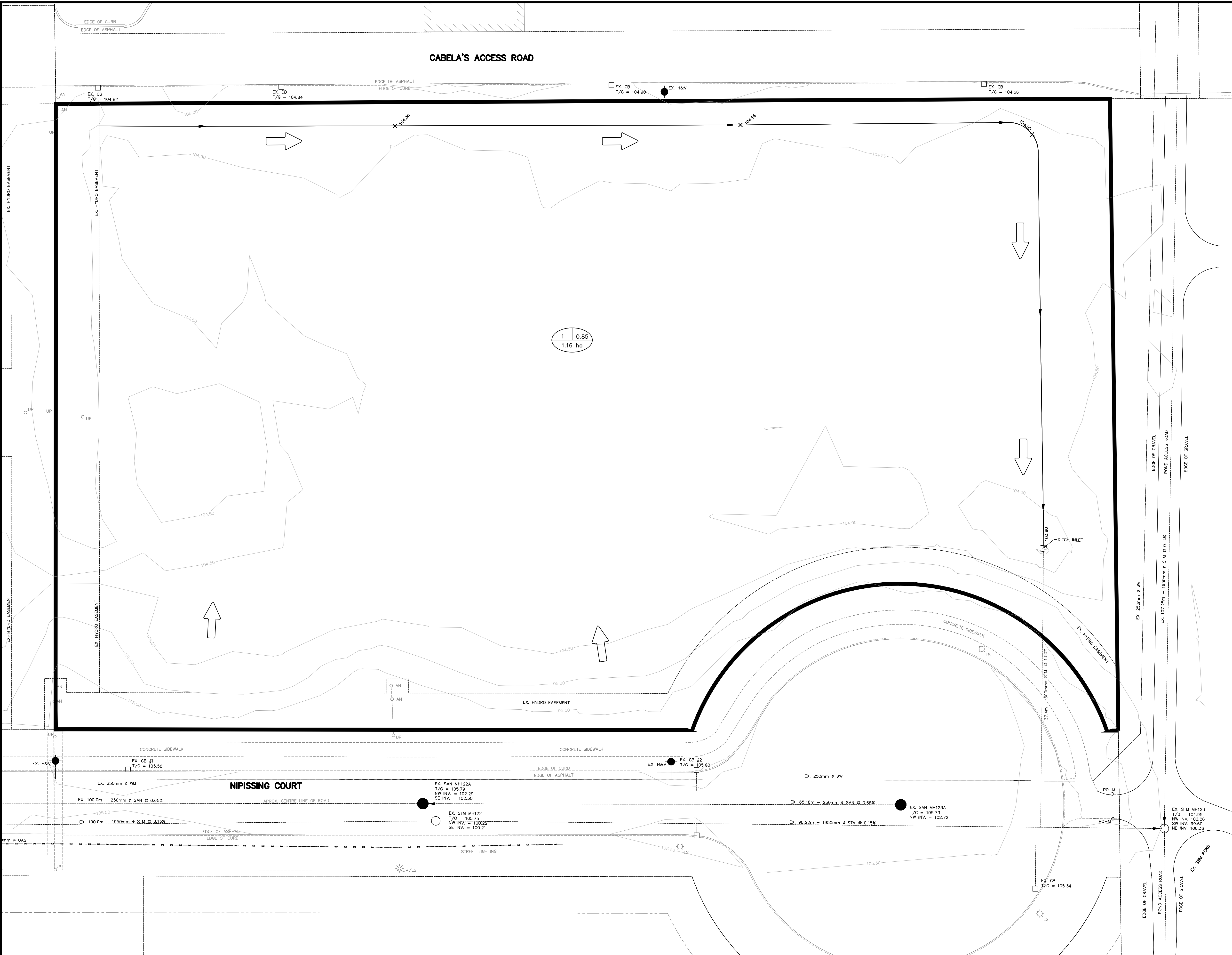
SITE SERVICING PLAN



|             |     |             |           |            |          |
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| DESIGNED BY | MWD | HORIZ SCALE | 1:250     | PROJECT #  | 25028.01 |
| DRAWN BY    | JM  | VERT SCALE  | N/A       | DRAWING #  | SS-1     |
| CHECKED BY  | MWD | DATE        | JULY 2026 | REVISION # | 0        |



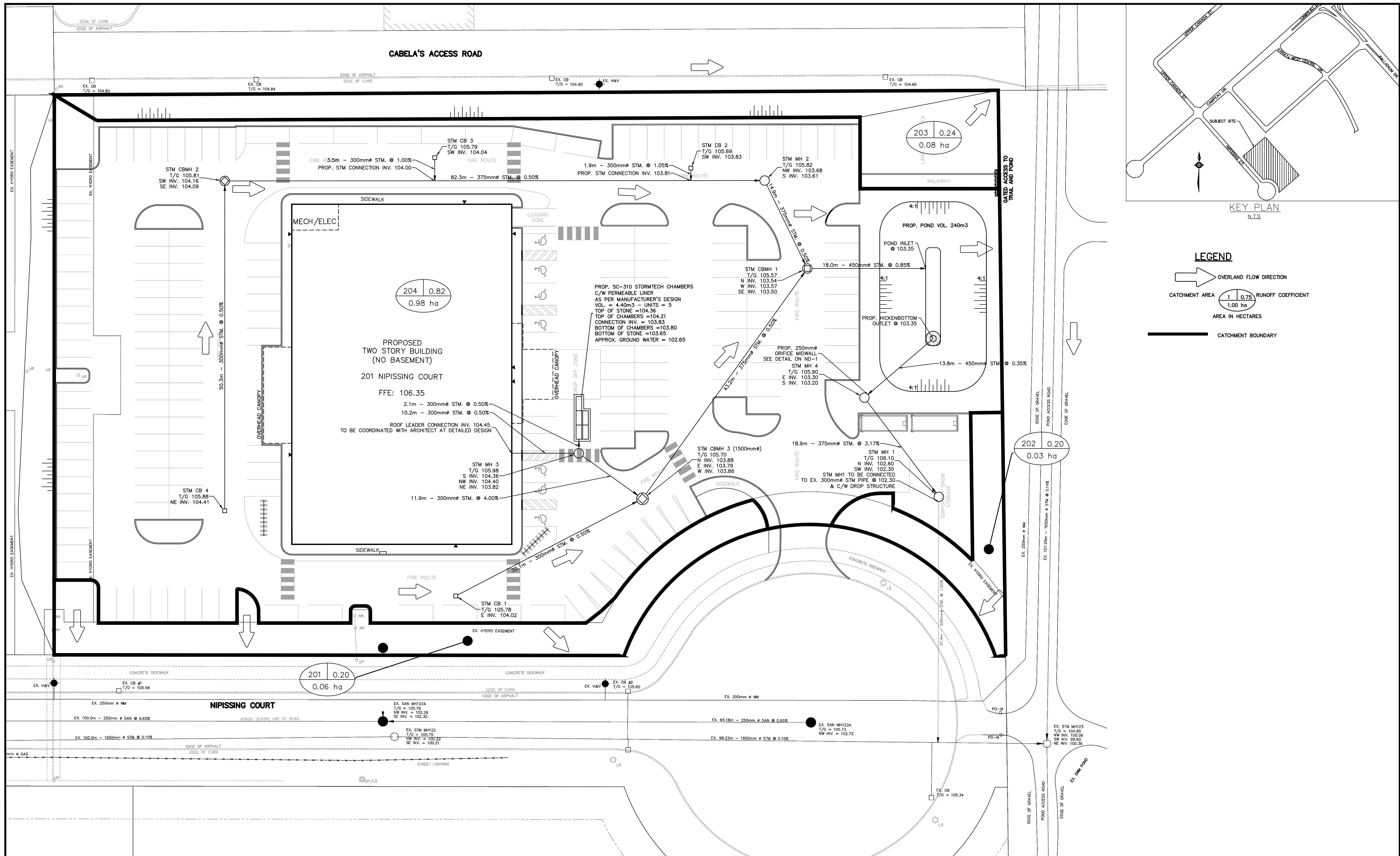
P:\Autodesk Vault\Working Folders\25028\01 - STM-1.dwg Layout:STM-1 Plotted Aug 21, 2026 @ 5:40pm by Jnoore © PEARSON ENGINEERING LTD.



|    |  |  |  |                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |                                                                                       |  |  |  |                                                                              |  |  |  |                                                                                                                                                                              |  |  |  |
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|    |  |  |  | <b>BENCHMARK</b><br><br>ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO GEODETIC DATUM<br>CGVD-1928 :1978. (MONUMENT NO. 19770882)<br><br>SITE BENCHMARK - FIRE HYDRANT(TOP OF SPINDLE)<br>ELEVATION=106.56 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>BAPS CHARITIES</b><br><b>201 NIPISSING COURT</b><br><b>CITY OF OTTAWA</b> |  |  |  |  <b>PEARSON</b><br><b>ENGINEERING</b><br><small>PEARSONENG.COM PH. 705.719.4785</small> |  |  |  |
|    |  |  |  |                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |                                                                                       |  |  |  | <b>PRE-DEVELOPMENT</b><br><b>STORM CATCHMENT PLAN</b>                        |  |  |  | DESIGNED BY <b>MWD</b> HORIZ SCALE    1:250    PROJECT # <b>25028.01</b>                                                                                                     |  |  |  |
|    |  |  |  |                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |                                                                                       |  |  |  |                                                                              |  |  |  | DRAWN BY <b>JM</b> VERT SCALE    N/A    DRAWING # <b>STM-1</b>                                                                                                               |  |  |  |
|    |  |  |  |                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |                                                                                       |  |  |  |                                                                              |  |  |  | CHECKED BY <b>MWD</b> DATE    JULY 2026    REVISION # <b>0</b>                                                                                                               |  |  |  |
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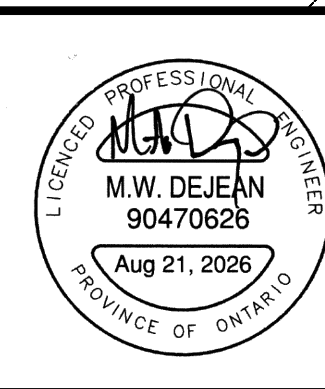


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**BENCHMARK**  
ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO GEODETIC DATUM CGVD-1928 :1978. (MONUMENT NO. 19770882)  
SITE BENCHMARK - FIRE HYDRANT(TOP OF SPINDLE)  
ELEVATION=106.56



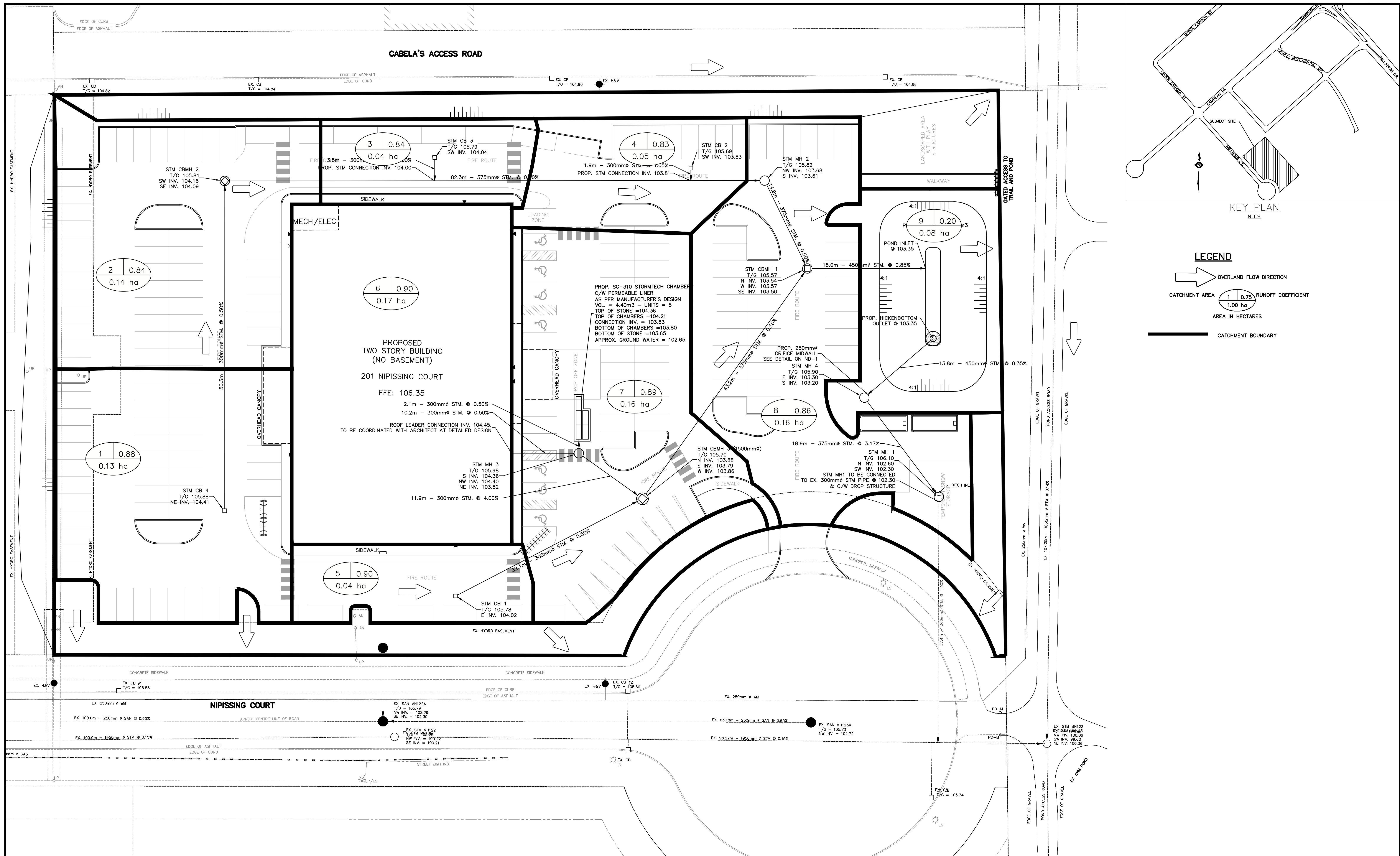
BAPS CHARITIES  
201 NIPISSING COURT  
CITY OF OTTAWA

POST-DEVELOPMENT  
STORM CATCHMENT PLAN

|             |     |                                                           |           |
|-------------|-----|-----------------------------------------------------------|-----------|
|             |     | PEARSON<br>ENGINEERING<br>PEARSONENG.COM PH. 705.719.4785 |           |
| DESIGNED BY | MWD | HORIZ SCALE                                               | 1:250     |
| DRAWN BY    | JM  | VERT SCALE                                                | N/A       |
| CHECKED BY  | MWD | DATE                                                      | JULY 2026 |
| PROJECT #   |     | 25028.01                                                  |           |
| DRAWING #   |     | STM-2                                                     |           |
| REVISION #  |     | 0                                                         |           |



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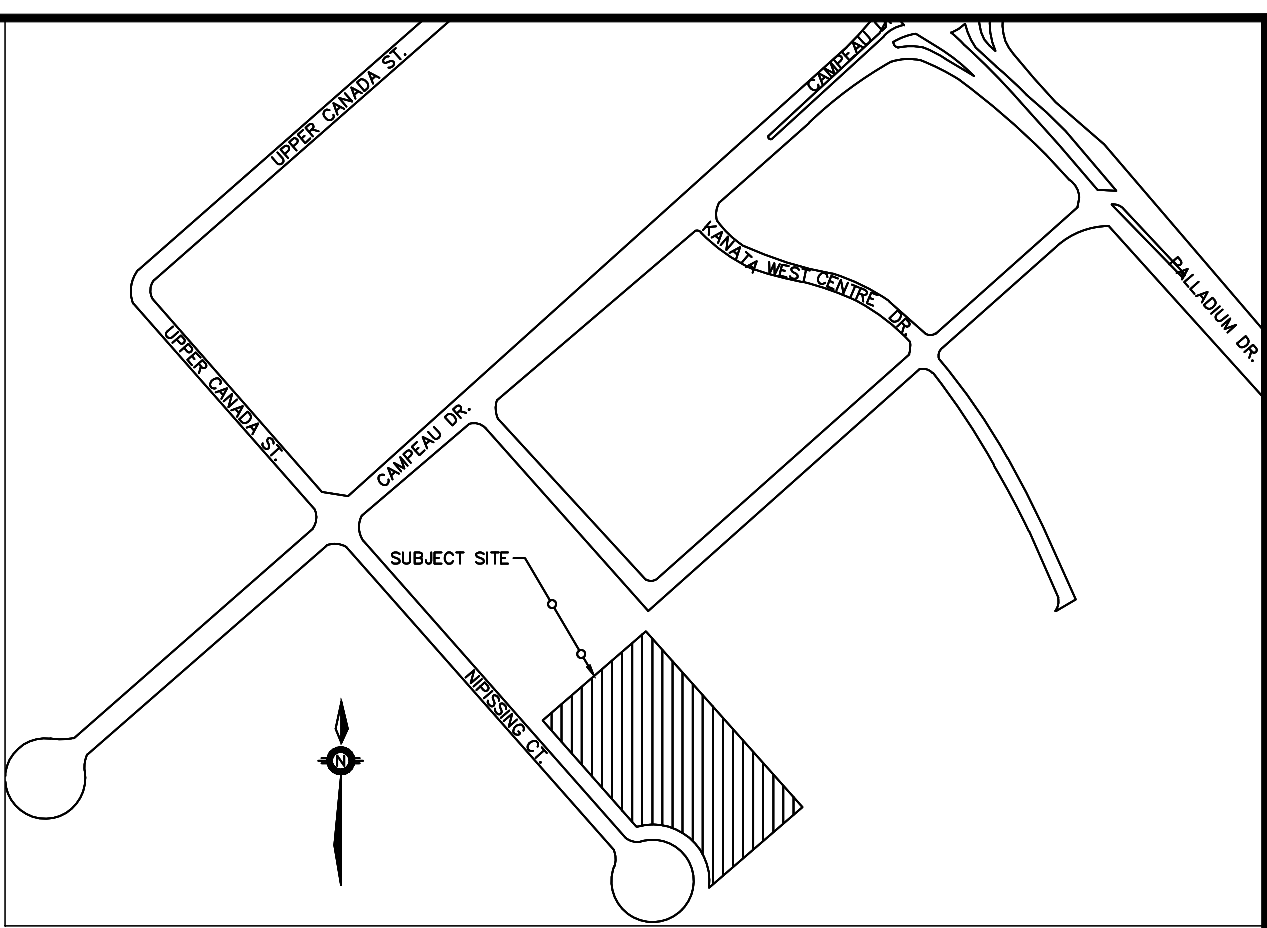
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| <b>BENCHMARK</b><br>ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO GEODETIC DATUM CGVD-1928 :1978. (MONUMENT NO. 19770882)<br>SITE BENCHMARK - FIRE HYDRANT(TOP OF SPINDLE)<br>ELEVATION=106.56 |
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| <b>BAPS CHARITIES</b><br>201 NIPISSING COURT<br>CITY OF OTTAWA |
| <b>STORM CATCHMENT DRAINAGE PLAN</b>                           |

|                                                                                       |     |                                                                   |           |            |          |
|---------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------|-----------|------------|----------|
|  |     | <b>PEARSON<br/>ENGINEERING</b><br>PEARSONENG.COM PH. 705.719.4785 |           |            |          |
| DESIGNED BY                                                                           | MWD | HORIZ SCALE                                                       | 1:250     | PROJECT #  | 25028.01 |
| DRAWN BY                                                                              | JM  | VERT SCALE                                                        | N/A       | DRAWING #  | STM-3    |
| CHECKED BY                                                                            | MWD | DATE                                                              | JULY 2026 | REVISION # | 0        |





LEGEND

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|-------------------------------------------------------------------------------------|--------------------------------|
|  | REAR LAWN CATCH BASIN          |
|  | EXISTING CATCH BASIN           |
|  | PROPOSED DOUBLE CATCH BASIN    |
|  | PROPOSED STORM MANHOLE         |
|  | EXISTING STORM MANHOLE         |
|  | SANITARY MANHOLE               |
|  | EXISTING SANITARY MANHOLE      |
|  | FIRE HYDRANT                   |
|  | EXISTING FIRE HYDRANT          |
|  | WATER VALVE                    |
|  | PROPERTY LINE                  |
|  | SILT FENCE                     |
|  | GEOTEXTILE WRAPPED CATCH BASIN |

1. DISTURBED AREAS THAT HAVE FAILED TO HAVE STABLE GROUND COVER ESTABLISHED BY OCTOBER 30TH SHALL BE PROTECTED WITH A SILTATION CONTROL FENCE OR STRAW MULCH ETC. AND MAINTAINED BY THE CONTRACTOR UNTIL VEGETATION BECOMES ESTABLISHED IN THE SUBSEQUENT GROWING SEASON.
2. ANY DRAINAGE WASTE SHALL BE DISCHARGED TO A VEGETATED AREA AT LEAST 30m FROM ANY WATERCOURSE AND FILTERED. FILTERING METHODS MUST BE APPROVED BY THE SITE ADMINISTRATOR.
3. SILT FENCE SHALL BE PUT IN PLACE PRIOR TO AND MAINTAINED DURING ALL GRADING. SILT FENCE TO BE INSPECTED PRIOR TO COMMENCEMENT OF EARTH GRADING ACTIVITIES. SILT FENCE TO BE INSPECTED AND REPAIRED OR REPLACED IF DAMAGED DURING THE PROJECT. THE SITE ADMINISTRATOR SHALL CONTROLS TO BE INSPECTED ON A REGULAR BASIS AND AFTER EVERY RAIN EVENT. INSTALLATION SHALL BE TO THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS.
4. THE CONTRACTOR SHALL BE PREPARED FOR UNEXPECTED CONDITIONS AND ACCORDINGLY HAVE STOCKPILED MATERIALS ON SITE FOR NECESSARY REPAIRS AS A RESULT OF FAILED OR INADEQUATE EROSION CONTROL MEASURES. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK, AND AFTER EVERY RAINFALL EVENT.
5. CONTRACTOR SHALL OBTAIN A CURRENT COPY AND BECOME FAMILIAR WITH OPSS 577, CONSTRUCTION SPECIFICATION FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AS WELL AS ALL APPLICABLE MUNICIPAL STANDARDS.
6. THE CONTRACTOR MAY CONSIDER ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES. SUCH MEASURES SHOULD BE PRESENTED IN WRITING FOR APPROVAL OF THE SITE ADMINISTRATOR AND MUST BE APPROVED IN WRITING BY THE MUNICIPALITY AND CONSERVATION AUTHORITY.
7. THE TOPS OF ALL FILTER FABRIC MUST BE A MINIMUM OF 1.0 METRES ABOVE THE GROUND LEVEL AND ATTACHED TO THE FENCE WITH A CONTINUOUS SILT WIRE. ALTERNATIVELY, THE FILTER FABRIC MUST BE FOLDED OVER THE TOP OF THE FENCE AND ATTACHED TO THE FENCE WITH WIRE LOOPED THROUGH THE FABRIC ON BOTH SIDES OF THE FENCE. FILTER FABRIC IS TO BE TERRAZO 270R OR EQUIVALENT
8. ALL DISTURBED GROUND LEFT FOR MORE THAN 30 DAYS SHALL BE STABILIZED BY SEEDING, SOODING OR CHISELING AND OTHER EQUIVALENT CONTROL MEASURES. THIS PERIOD OF INACTIVITY SHALL BE AT THE DISCRETION OF THE CITY OF OTTAWA BUT SHALL NOT EXCEED THIRTY DAYS OR SUCH LONGER PERIOD DEEMED ADVISABLE BY THE CITY OF OTTAWA'S PLANNING, INFRASTRUCTURE AND ECONOMIC DEVELOPMENT DEPARTMENT.
9. CONTRACTOR RESPONSIBLE FOR MUD TRACKING, PREVENTION, AND MAINTENANCE ON NIPISSING CRT.
10. ROADS AND PARKING LOT AROUND SITE TO BE LEFT IN A BROOM SWEEP CONDITION AT THE END OF EACH WORK DAY.
11. SILT SACKS TO BE CLEANED OUT AD REQUIRED.
12. 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. ENGINEER TO BE NOTIFIED PRIOR TO INITIATION OF ANY ON SITE WORKS.
2. SILT FENCE AS PER OPSD 219.110
3. VEGETATION REMOVAL MAY COMMENCE AFTER ALL SILT FENCE IS INSTALLED AND APPROVED BY THE ENGINEER.
4. COMMENCE WITH EARTH WORKS AND SITE SERVICING.
5. INSTALLATION OF PROPOSED INFILTRATION FACILITIES TO THE TIME OF LANDSCAPING WORKS.
6. EROSION CONTROL MEASURES TO BE MAINTAINED AS DIRECTED BY THE ENGINEER DURING THE CONSTRUCTION PERIOD. ADDITIONAL CONTROL MEASURES MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER.
7. ALL DISTURBED GROUND LEFT INACTIVE FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH SEED, SOD, MULCH OR OTHER ADEQUATE COVERING, AS INSTRUCTED BY THE ENGINEER.

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| NO. | REVISION | NOTE | DATE BY |

BENCHMARK  
ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO GEODETIC DATUM  
CGVD-1928 :1978. (MONUMENT NO. 19770882)  
SITE BENCHMARK - FIRE HYDRANT(TOP OF SPINDLE)  
ELEVATION=106.56



BAPS CHARITIES  
201 NIPISSING COURT  
CITY OF OTTAWA

# EROSION AND SEDIMENT CONTROL PLAN



**PEARSON**  
**ENGINEERING**  
PEARSONENG.COM PH. 705.719.4785

|             |     |             |           |            |          |
|-------------|-----|-------------|-----------|------------|----------|
| DESIGNED BY | MWD | HORIZ SCALE | 1:250     | PROJECT #  | 25028.01 |
| DRAWN BY    | JM  | VERT SCALE  | N/A       | DRAWING #  | EP-1     |
| CHECKED BY  | MWD | DATE        | JULY 2026 | REVISION # | 0        |