



PHASE 2
PHASE 1

PHASE 2
PHASE 1

SEE MORE ON PAGE GC101

PLAN VIEW - GRADING

Echelle = 1:300

GRADING PLAN NOTES

- 1 PAVING AND CURB, SEE DETAIL 1 / GC200. FOR PAVING AND CURB IN THE ROW, RESPECT CITY DETAIL SC1.1
- 2 CONCRETE SIDEWALK, SEE DETAIL 3 / GC200. FOR SIDEWALK IN THE ROW, RESPECT CITY DETAIL 20 / GC204
- 3 AT THIS POINT, PLAN A SLOPE AND BUILD THE SIDEWALK AT THE SAME LEVEL AS THE PAVEMENT FOR CREATE AN OVERFLOW ROUTE.
- 4 GRASSED AREAS AND PLANTATIONS, SEE LANDSCAPE ARCHITECT'S PLAN.
- 5 STORMWATER CATCHMENT TRENCH, SEE DETAIL 4 / GC200.
- 6 EXTERIOR BOUNDARY OF THE UNDERGROUND PARKING FOUNDATION.
- 7 SLOPE THE SURFACE OF THE TERRAIN TOWARD THE DRAINING TRENCH.
- 8 IN THIS AREA, REALLY RESPECT THE GRADE LEVEL 69.24 FOR CREATE AN OVERFLOW ROUTE.
- 9 GRASS AND PLANTINGS ABOVE STRUCTURAL SLAB, SEE DETAIL 5 / GC200.
- 10 CRUSHED STONE BUILDING PERIMETER STRIP, SEE DETAIL 6 / GC200.
- 11 CONCRETE SIDEWALK ABOVE STRUCTURAL SLAB, SEE DETAILS 7A, 7B / GC200 AND 7C / GC201.
- 12 PA2 : SURFACE PONDING LIMIT FOR 100 YRS EVENT. VOLUME = 12.57 m³. POND AREA = 200m². WATER HEIGHT = 190mm. MAXIMUM ELEVATION = 69.24m.

- 13 PA1 : SURFACE PONDING LIMIT FOR 100 YRS EVENT. VOLUME = 23.43 m³. POND AREA = 382m². WATER HEIGHT = 190mm. MAXIMUM ELEVATION = 69.24m.
- 14 BASIN VOLUME = 71.42 m³ (100 y.) & 55.25m³ (5 y.). POND AREA = 68m². WATER HEIGHT = 1.1m. MAXIMUM ELEVATION = 69.24m.
- 15 PA3 : SURFACE PONDING LIMIT FOR 100 YRS EVENT. VOLUME = 26.81 m³. POND AREA = 320m². WATER HEIGHT = 180mm. MAXIMUM ELEVATION = 69.24m.
- 16 PAVING AND CURBS ABOVE STRUCTURAL SLAB, SEE DETAILS 9 AND 10 / GC201.
- 17 CONCRETE PAVERS ABOVE STRUCTURAL SLAB, SEE DETAIL 11 / GC201.
- 18 CONCRETE PAVERS ON GROUND, SEE DETAIL 12 / GC201.
- 19 CONCRETE TERRACE OR BALCONY ABOVE STRUCTURAL SLAB, SEE DETAIL 7B / GC201.
- 20 CONCRETE STAIRCASE, SEE DETAIL 13 / GC202.
- 21 DECKDRAIN LOCATED IN ASPHALT AREAS, SEE DETAIL 14 / GC202.
- 22 DECKDRAIN LOCATED IN GRASSED AREAS, SEE DETAIL 15 / GC202.
- 23 DRAINAGE AND STORMWATER RETENTION TRENCH, SEE DETAIL 16 / GC202.
- 24 CONCRETE SIDEWALK OUTSIDE THE LOT LINE. (SEE DETAIL 20 / GC204).
- 25 PRECAST CONCRETE BLOCK RETAINING WALL AT THE PERIMETER OF THE BASIN, SEE LANDSCAPE ARCHITECT.

- 26 BENCHMARK FROM TOPOGRAPHICAL PLAN OF PART OF LOTS 26 AND 27. CONCESSION 2 (OTTAWA FRONT) GEOGRAPHIC TOWNSHIP OF GLOUCESTER, FORMERLY CITY GLOUCESTER NOW CITY OF OTTAWA, SURVEYED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
- 27 PROFILE THE STRIP OF GRASS TOWARDS THE BORDER AND THE PAVING IN SUCH A WAY AS TO CONSERVE RAINWATER ON OUR LOT.
- 28 ASPHALT WALKWAY. (SEE DETAIL 21 / GC204).
- 29 PA4 : SURFACE PONDING LIMIT FOR 100 YRS EVENT. VOLUME = 9.12 m³. POND AREA = 161m². WATER HEIGHT = 170mm. MAXIMUM ELEVATION = 68.43m.
- 30 1.5m WIDE ASPHALT WALKWAY (MUP) TO BE BUILT BY THE CONTRACTOR OF THIS PROJECT. (SEE DETAIL 21 / GC204).
- 31 1.5m WIDE ASPHALT WALKWAY (MUP) TO BE BUILT BY THE NEIGHBOR TO CREATE A TOTAL WALKWAY OF 3m.
- 32 OVERFLOW POINT. LOWER THE CURB OVER A LENGTH OF 600mm SO THAT THE GRASS IS ONLY 40mm HIGHER THAN STREET LEVEL.

Project
PLACE LUX
OGILVIE ROAD
CUMMINGS AVENUE
OTTAWA



Title
GRADING PLAN

Speciality
CIVIL ENGINEERING

| Issue | | |
|-------|------------|--------------------------------------|
| No. | Date | Description |
| 1 | 2021-10-21 | For mechanical coordination. |
| 2 | 2021-11-08 | For Tender. |
| 3 | 2021-11-30 | Includes Add. GC-01 |
| 4 | 2022-02-17 | Includes Site instruction C-01 |
| 5 | 2022-03-30 | Includes Site instruction C-02 |
| 6 | 2022-04-13 | Includes Site instruction C-02 Rev.1 |

Seal

Note
These plans are not valid without the signature and seal of the concerned professional

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| Drawn by J. Blondeau, drft | Prepared by M.-A. Méthot, eng. |
| Date 21 october 2021 | Verified by M.-A. Méthot, eng. |
| Project No. 17-161 | Scale 1 :300 |
| File No. P: 17-161/GC | Page No. GC100 |