

- NOTES: GENERAL
- DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND LANDSCAPE DRAWINGS
  - ALL SERVICES, MATERIALS, CONSTRUCTION METHODS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND REGULATIONS OF THE CITY OF OTTAWA STANDARD SPECIFICATIONS AND DRAWINGS, ONTARIO PROVINCIAL SPECIFICATION STANDARD SPECIFICATION (OPSS) AND ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), UNLESS OTHERWISE SPECIFIED, TO THE SATISFACTION OF THE CITY AND THE CONSULTANT
  - THE POSITION OF EXISTING POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES, STRUCTURES AND APPURTENANCES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SATISFY HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM DURING THE COURSE OF CONSTRUCTION. ANY RELOCATION OF EXISTING UTILITIES REQUIRED BY THE DEVELOPMENT OF SUBJECT LANDS IS TO BE UNDERTAKEN AT CONTRACTOR'S EXPENSE.
  - THE CONTRACTOR MUST NOTIFY ALL EXISTING UTILITY COMPANY OFFICIALS FIVE (5) BUSINESS DAYS PRIOR TO START OF CONSTRUCTION AND HAVE ALL EXISTING UTILITIES AND SERVICES LOCATED IN THE FIELD OR EXPOSED PRIOR TO THE START OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO POWER, COMMUNICATION AND GAS LINES.
  - ALL TRENCHING AND EXCAVATIONS TO BE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS AND AS PER THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL REPORT.
  - REFER TO ARCHITECTS PLANS FOR BUILDING DIMENSIONS, LAYOUT AND REMOVALS. REFER TO LANDSCAPE PLAN FOR LANDSCAPED DETAILS AND OTHER RELEVANT INFORMATION. ALL INFORMATION SHALL BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - TOPOGRAPHIC SURVEY COMPLETED AND PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. DATED ON JULY 16, 2021. CONTRACTOR TO VERIFY IN THE FIELD PRIOR TO CONSTRUCTION OF ANY WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
  - ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS. VERIFY THAT JOB BENCHMARKS HAVE NOT BEEN ALTERED OR DISTURBED.
  - ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED SWALE OR CATCH BASIN OUTLETS ARE PROVIDED.
  - ALL EDGES OF DISTURBED PAVEMENT SHALL BE SAW CUT TO FORM A NEAT AND STRAIGHT LINE PRIOR TO PLACING NEW PAVEMENT. PAVEMENT REINSTATEMENT SHALL BE WITH STEP JOINTS OF 500MM WIDTH MINIMUM.
  - ALL DISTURBED AREAS OUTSIDE PROPOSED GRADING LIMITS TO BE RESTORED TO ORIGINAL ELEVATIONS AND CONDITIONS UNLESS OTHERWISE SPECIFIED. ALL RESTORATION SHALL BE COMPLETED WITH THE GEOTECHNICAL REQUIREMENTS FOR BACKFILL AND COMPACTION.
  - ABUTTING PROPERTY GRADES TO BE MATCHED UNLESS OTHERWISE SHOWN.
  - CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPAL AUTHORITIES PRIOR TO COMMENCING CONSTRUCTION, INCLUDING WATER PERMIT AND ROAD CUT PERMIT.
  - MINIMIZE DISTURBANCE TO EXISTING VEGETATION DURING THE EXECUTION OF ALL WORKS.
  - REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE DIRECTED FROM THE ENGINEER. EXCAVATE AND REMOVE ALL ORGANIC MATERIAL AND DEBRIS LOCATED WITHIN THE PROPOSED BUILDING, PARKING AND ROADWAY LOCATIONS.
  - AT PROPOSED UTILITY CONNECTION POINTS AND CROSSINGS (I.E. STORM SEWER, SANITARY SEWER, WATER, ETC.) THE CONTRACTOR SHALL DETERMINE THE PRECISE LOCATION AND DEPTH OF EXISTING UTILITIES AND REPORT ANY DISCREPANCIES OR CONFLICTS TO THE ENGINEER BEFORE COMMENCING WORK.
  - CONTRACTOR TO OBTAIN POST-CONSTRUCTION TOPOGRAPHIC SURVEY, COMPLETED BY OLS OR P ENG CONFIRMING COMPLIANCE WITH DESIGN GRADING AND SERVICING. SURVEY IS TO INCLUDE LOCATION AND INVERTS FOR BURIED UTILITIES.
  - REPORT REFERENCES
    - SERVICING AND STORMWATER MANAGEMENT REPORT, PREPARED BY WSP CANADA INC, PROJ NO. 221-02216-00, MAY 3, 2023
    - GEOTECHNICAL INVESTIGATION REPORT, PREPARED BY WSP GOLDER, REPORT NO. 22514086X, DECEMBER, 2022
  - FULL DEPTH ASPHALT REPLACEMENT UNDER THE FOOTPRINT OF THE NEW ADDITION PER TABLE BELOW. IN AREAS OF ASPHALT STRIPPING AND REPLACEMENT DELINEATED ON PLAN VIEW, REMOVE AND REPLACE TOP LAYERS OF ASPHALT ONLY WITH THE LAYERS SHOWN IN THE TABLE BELOW.

PAVEMENT STRUCTURE LIGHT DUTY (PARKING AREAS) THICKNESS(mm)	MATERIAL DESCRIPTION (REFER TO SITE PLAN A-01 FOR LIMITS)
50	SUPERPAVE 12.5 ASPHALTIC CONCRETE
100	BASE-OPSS GRANULAR A CRUSHED STONE COMPACTED TO 100% SPMD
300	SUBBASE-OPSS GRANULAR B TYPE II COMPACTED TO 100% SPMD SUBGRADE EITHER FILL IN-SITU SOIL OR OPSS GRANULAR B TYPE I OR II MATERIAL PLACED OVER IN-SITU SOIL OR FILL.
PAVEMENT STRUCTURE HEAVY DUTY THICKNESS(mm)	MATERIAL DESCRIPTION (REFER TO SITE PLAN A-01 FOR LIMITS)
40	SUPERPAVE 12.5 ASPHALTIC CONCRETE
50	SUPERPAVE 19 ASPHALTIC CONCRETE
150	BASE-OPSS GRANULAR A CRUSHED STONE COMPACTED TO 100% SPMD
490	SUBBASE-OPSS GRANULAR B TYPE II COMPACTED TO 100% SPMD SUBGRADE EITHER FILL IN-SITU SOIL OR OPSS GRANULAR B TYPE I OR II MATERIAL PLACED OVER IN-SITU SOIL OR FILL.



1 GRADING PLAN  
 C001 SCALE= 1:250

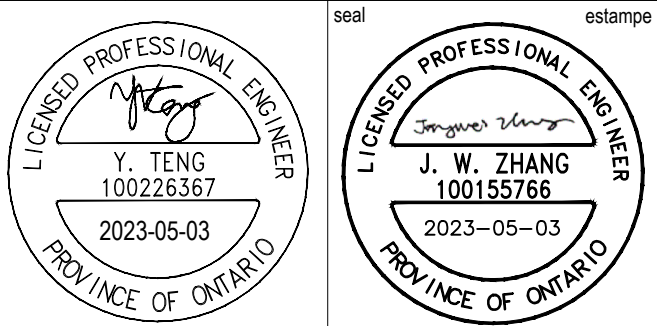


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**LEGEND**

83.24x	EXISTING GRADE ELEVATION
CBD	EXISTING CATCHBASIN
MH-ST	EXISTING MANHOLE
WV	EXISTING VALVE AND BOX
FH	EXISTING FIRE HYDRANT
ST	EXISTING STORM SEWER
S	EXISTING SANITARY SEWER
W	EXISTING WATERMAIN
82.02C	PROPOSED GRADE ELEVATION
81.92	PROPOSED TOP AND BOTTOM OF CURB
TG82.82	PROPOSED TOP OF GRATE
1.8%	PROPOSED GRADE SLOPE
◇	PROPOSED CATCHBASIN
○	PROPOSED MANHOLE
○	PROPOSED CATCHBASIN MANHOLE
— STM	PROPOSED STORM SEWER
— SAN	PROPOSED SANITARY SEWER
— W	PROPOSED WATER SERVICE
○	PROPOSED FIRE HYDRANT
— SF	LIGHT DUTY SILT FENCE
○	PROPOSED ROOF DRAIN
—	PROJECT BOUNDARY
→	OVERLAND FLOW
○ RD	ROOF DRAIN

No.	Revision	Date
2	REISSUED FOR SPA	2023-05-03
1	ISSUED FOR SPA	2022-10-13



Project Title: IRIDIAN SPECTRAL TECHNOLOGIES  
 2700 SWANSEA OTTAWA, ONTARIO.  
 Project

Drawing: GRADING PLAN  
 Dessin

Designed by: J.Z. Conçu par  
 Date: MAY 3, 2023  
 Drawn: B.N. Dessiné  
 Date: MAY 3, 2023  
 Approved: J.Z. Approuvé  
 Date: MAY 3, 2023  
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 Scale: AS NOTED  
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