

USE AND INTERPRETATION OF DRAWINGS

THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION ARE PART OF THE CONTRACT DOCUMENTS AND SHALL BE READ IN CONJUNCTION WITH THESE DRAWINGS. THE CONTRACT DOCUMENTS INCLUDE NOT ONLY THE DRAWINGS, BUT ALSO THE SPECIFICATIONS, ADDENDUMS, AND MODIFICATIONS ISSUED AFTER EXECUTION OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPALITY AND ALL OTHER AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPALITY AND ALL OTHER AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPALITY AND ALL OTHER AGENCIES INVOLVED IN THE PROJECT.

GENERAL NOTES

1. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS.

2. CONFIRM JOB BENCH MARK WITH IRL PRIOR TO UTILIZATION.

3. ALL EDGES OF DISTRESSED PAVEMENT SHALL BE SAW CUT PRIOR TO PLACING NEW PAVEMENT. PAVEMENT REINSTATEMENT SHALL BE WITH STEP JOINTS OF 300mm WIDTH MINIMUM.

4. CURBS TO BE BARBIER, CONSTRUCTED AS PER OPSD 600.110.

5. ALL SIDEWALK CONSTRUCTION TO BE AS PER OPSD 310.010 & OPSD 310.050.

6. ALL MATERIAL SUPPLIED AND PLACED FOR PARKING LOT AND ACCESS ROAD CONSTRUCTION CONSTRUCTION TO OPSD 208, 310 & 314. MATERIALS TO OPSD 1001, 1003 & 1010.

7. OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPALITY AND ALL OTHER AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPALITY AND ALL OTHER AGENCIES INVOLVED IN THE PROJECT.

8. FILTER FABRIC TO BE INSTALLED AND MAINTAINED BETWEEN THE FRAME AND COVER OF ALL CATCHBASINS AND CATCHBASIN MANHOLES DURING THE CONSTRUCTION PERIOD TO MINIMIZE SEDIMENTS ENTERING THE STORM SEWER SYSTEM. ALL GRASSSED AREAS MUST BE COMPLETED PRIOR TO THE REMOVAL OF THE FILTER FABRIC IN THE CATCHBASIN.

9. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE DIRECTED FROM THE ENGINEER. EXCAVATE AND REMOVE ALL ORGANIC MATERIAL AND DEBRIS, IF ANY, LOCATED WITHIN THE PROPOSED BUILDING, PARKING AND ROADWAY LOCATIONS.

10. EXISTING ASPHALT ROADWAY TO BE SAWCUT AND MILLED WHERE ENTRANCE DRIVEWAY IS PROPOSED.

PAVEMENT STRUCTURE

COURSE	MATERIAL	THICKNESS (mm)	TRUCK ROUTE (HEAVY TRAFFIC)
SURFACE	HL-3 AC (PG 58-28)	50	40
BINDER	HL-8 AC (PG 58-28)	-	40
BASECOURSE	GRANULAR "A"	150	150
SUBBASE	GRANULAR "B" TYPE II	300	350

NOTE: IN PREPARATION FOR PAVEMENT CONSTRUCTION AT THIS SITE, ANY SURFICIAL OR NEAR SURFACE (SUBGRADE LEVEL, TOPSOIL AND ANY SOFT, WET OR DELETERIOUS MATERIALS SHOULD BE REMOVED FROM THE PROPOSED PAVED AREAS. THE EXPOSED SUBGRADE SHOULD BE INSPECTED AND APPROVED BY GEOTECHNICAL PERSONNEL AND ANY SOFT AREAS EVIDENT SHOULD BE SUBCAVATED AND REPLACED WITH SUITABLE EARTH MATERIALS. THE EXPOSED SUBGRADE SHOULD BE PROMPTLY DRAINAGE OF THE SITE TO PREVENT FLOODING. FOLLOWING APPROVAL OF THE PREPARATION OF THE SUBGRADE, THE PAVEMENT GRANULARS MAY BE PLACED.

LEGEND:

- PROPERTY LINE
- PROPOSED CURB
- PROPOSED DEPRESSIONED CURB
- PROPOSED TERRACING (G1 MAX. SLOPE)
- PROPOSED DOOR ENTRANCE EXIT
- EXISTING GRASS AREA TO REMAIN
- PROPOSED CONCRETE FEATURES (SIDEWALK AND LOADING RAMP)
- PROPOSED HEAVY DUTY ASPHALT
- PROPOSED LIGHT DUTY ASPHALT
- ASPHALT TO BE REINSTATE
- TO MATCH EXISTING CONDITIONS
- 0.3m WIDE (MIN.) STEP JOINT
- PROPOSED SILT FENCE AS PER OPSD 219.110
- PROPOSED ELEVATION
- PROPOSED DEPRESSIONED CURB ELEVATION
- PROPOSED BOTTOM OF CURB ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED TOP OF GRATE ELEVATION
- MATCH INTO EXISTING ELEVATION
- EXISTING ELEVATION
- PROPOSED OVERLAND MAJOR FLOW ROUTE
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED WATER SERVICE
- PROPOSED MANHOLE OR STORMSEPTOR
- PROPOSED CATCHBASIN OR CATCHBASIN-MANHOLE
- PROPOSED WATER VALVE
- PROPOSED PIPE REDUCER
- PROPOSED PIPE INSULATION
- PROPOSED 100 YEAR HIGH WATER LEVEL
- STORM WATERSHED EXTENT
- WATERSHED NAME
- RUNOFF COEFFICIENT
- AREA IN HECTARES

NOTES:

1. IN THE EVENT THE CLIENT, THE CLIENT'S CONTRACTORS OR SUBCONTRACTORS, OR OTHER PARTIES TO THE PROJECT, MAKE ANY CHANGES TO ANY PARTS, PLANS, SPECIFICATIONS OR OTHER CONSTRUCTION DOCUMENTS PREPARED BY J.C.R. LALONDE INC. WITHOUT THE WRITTEN APPROVAL OF J.C.R. LALONDE INC., THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESULTS OF SUCH CHANGES. THEREFORE THE CLIENT SHALL BE RESPONSIBLE FOR THE RESULTS OF SUCH CHANGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESULTS OF SUCH CHANGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESULTS OF SUCH CHANGES.

GENERAL NOTES

1. THE CLIENT AGES TO INCLUDE IN ANY CONTRACTS FOR CONSTRUCTION APPROPRIATE LANGUAGE THAT PROHIBITS THE CONTRACTOR OR SUBCONTRACTORS FROM MAKING ANY CHANGES TO ANY PARTS, PLANS, SPECIFICATIONS OR OTHER CONSTRUCTION DOCUMENTS WITHOUT THE WRITTEN APPROVAL OF J.C.R. LALONDE INC. AND FROM ASSUMING LIABILITY ARISING DIRECTLY OR INDIRECTLY FROM SUCH UNAUTHORIZED CHANGES.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPALITY AND ALL OTHER AGENCIES INVOLVED IN THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPALITY AND ALL OTHER AGENCIES INVOLVED IN THE PROJECT.

EXISTING SERVICES AND UTILITIES SHOWN ON THESE DRAWINGS ARE TAKEN FROM THE RECORD DRAWINGS AND FIELD SURVEY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF PIPES AND UTILITIES BEFORE STARTING ANY WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESULTS OF SUCH VERIFICATION.

GENERAL NOTES

1. THE CONTRACTOR IS ADVISED TO COLLECT INFORMATION ON SOIL CONDITIONS BEFORE START OF CONSTRUCTION.

2. THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR WHICH ARISE FROM OTHER FAILURE TO OBTAIN AND/OR FOLLOW THE SPECIFICATIONS AND THE DESIGN INTENT THAT CONTACT OR FOR PROBLEMS WHICH ARE NOT OTHERWISE INDICATED ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESULTS OF SUCH FAILURE.

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NOT AUTHENTIC UNLESS SIGNED AND DATED

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GRAEBECK CONSTRUCTION LTD.

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DRAWN BY: G.M.C.
APPROVED BY: J.C.L.

CLIENT: GRAEBECK CONSTRUCTION LTD.

PROJECT: 2465070 ONTARIO LTD.
2375 ST-LAURENT BLVD., OTTAWA, ON

DRAWING TITLE: GRADING AND DRAINAGE PLAN

ISSUED FOR SPA: G.M.C. 13 DEC 2017

REVISIONS: BY DATE

PROFESSIONAL ENGINEER
J.C.R. LALONDE
PROVINCE OF ONTARIO

PROJECT NO: 170721
DATE: 13 DEC 2017

