

GENERAL

1. PRIOR TO STARTING ANY WORKS, THE CONTRACTOR MUST ENSURE THAT ALL NECESSARY APPROVALS ARE IN PLACE FROM THE MUNICIPALITY, REGION, AND OTHER APPROVAL AGENCIES, AS REQUIRED.
2. WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS. THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
3. WORKS AND MATERIALS SHALL CONFORM TO CURRENT MINISTRY OF THE ENVIRONMENT & CLIMATE CHANGE, MUNICIPAL, REGIONAL AND ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS. FOR WORK WITHIN PRIVATE PROPERTY, WORKS AND MATERIALS SHALL CONFORM TO THE ONTARIO BUILDING CODE OR THE ABOVE-NOTED STANDARDS, WHICHEVER IS MORE STRINGENT.
4. WORKS BY OTHERS (EITHER ON-SITE OR OFF-SITE) MAY BE ONGOING DURING THE PERIOD OF THIS CONTRACT. COORDINATE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS TO PREVENT CONSTRUCTION CONFLICTS.
5. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ANY EXISTING UTILITIES AND SERVICES WITHIN THE SITE AND ADJACENT WORK AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AND/OR SUPPORTING ALL EXISTING UTILITIES AND SERVICES TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION AND/OR REPAIR, TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION, FOR ANY UTILITIES DISTURBED DURING CONSTRUCTION. DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO BE IMMEDIATELY REPORTED TO THE ENGINEER.
6. ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT ONTARIO TRAFFIC MANUAL BOOK 7: TEMPORARY CONDITIONS FIELD EDITION.
7. ANY AREAS BEYOND THE LIMIT OF THE SITE, DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR, TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE EXECUTIVE DIRECTOR, TECHNICAL SERVICES.
8. REFER TO THE ARCHITECTURAL SITE PLAN FOR DIMENSIONS AND LAYOUT INFORMATION.
9. THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER 1 (ONE) SET OF AS-CONSTRUCTED SITE SERVICING AND GRADING DRAWINGS.

GRADING

1. PRIOR TO COMMENCEMENT OF EARTHWORKS, SITE ALTERATION PLANS MUST BE APPROVED AND ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND OPERATIONAL. THE CONTRACTOR SHALL MAINTAIN ALL WORKS UNTIL CONSTRUCTION IS COMPLETED TO THE SATISFACTION OF THE ENGINEER.
 2. ENGINEERED FILL SHALL CONFORM TO THE SPECIFICATIONS PROVIDED IN THE GEOTECHNICAL REPORT, OR LATEST AMENDMENT THEREOF.
 3. ENGINEERED FILL SHALL BE INSPECTED AND TESTED BY THE GEOTECHNICAL CONSULTANT. PROOF ROLLING OF SUBGRADE WILL BE REQUIRED PRIOR TO PLACEMENT OF GRANULAR MATERIALS. COORDINATE INSPECTIONS WITH GEOTECHNICAL CONSULTANT.
 4. ALL ENGINEERED FILL SHALL BE PLACED AND COMPACTED PER GEOTECHNICAL REPORT, OR LATEST AMENDMENT THEREOF.
 5. GRANULAR COMPACTION: PER THE SPECIFICATIONS PROVIDED IN THE GEOTECHNICAL REPORT, OR LATEST AMENDMENT THEREOF.
 6. ROAD PAVEMENT STRUCTURE: PER THE SPECIFICATIONS PROVIDED IN THE GEOTECHNICAL REPORT, OR LATEST AMENDMENT THEREOF.
- | LIGHT DUTY PAVEMENT | | HEAVY DUTY PAVEMENT | |
|---------------------|--------------------|---------------------|--------------------|
| 40mm | HL3 SURFACE | 40mm | HL3 SURFACE |
| 50mm | HL8 BINDER | 60mm | HL8 BINDER |
| 150mm | GRANULAR A BASE | 150mm | GRANULAR A BASE |
| 300mm | GRANULAR B SUBBASE | 400mm | GRANULAR B SUBBASE |
7. ASPHALT COMPACTION: PER THE SPECIFICATIONS PROVIDED IN THE GEOTECHNICAL REPORT, OR LATEST AMENDMENT THEREOF.
 8. BARRIER CURB WITHIN THE SITE TO BE CONSTRUCTED AS PER OPSD 600.110, UNLESS OTHERWISE SHOWN AND SHALL BE 0.15m IN HEIGHT ABOVE FINISHED PAVEMENT SURFACE UNLESS OTHERWISE NOTED.
 9. CONCRETE SIDEWALK WITHIN PRIVATE PROPERTY: 125mm DEEP WITH 125mm GRANULAR 'A' BASE. CONCRETE SIDEWALK WITHIN MUNICIPAL RIGHT-OF-WAY: PER CITY STANDARD 2240.010
 10. LAP JOINTS SHALL BE USED WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT AS PER DETAIL ON DRAWING, D-1.
 11. PERFORATED SUB-DRAINS SHALL BE CONNECTED TO ALL CATCHBASINS.
 12. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN ON THE ARCHITECTURAL SITE PLAN WITH A MINIMUM OF TWO COATS OF ORGANIC SOLVENT BASED PAINT AS PER OPSS 1712.
 13. INSTALL SIGNAGE AS PER THE ARCHITECTURAL SITE PLAN.
 14. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED OFFSITE TO THE CONTRACTOR'S APPROVED DISPOSAL SITE.
 15. EMBANKMENTS SHALL BE SLOPED AT A MAXIMUM OF 3H:1V, UNLESS OTHERWISE SPECIFIED.
 16. DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER. THE RELOCATION OR REMOVAL OF TREES AND SHRUBS SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT OR ARBORIST.
 17. REFER TO LANDSCAPE DRAWINGS FOR LOCATION AND TYPE OF ALL HARD LANDSCAPE SURFACES, INCLUDING CONCRETE SIDEWALKS, PERMEABLE PAVERS, PAVING STONES, COLOURED CONCRETE, ETC.

CITY OF MISSISSAUGA NOTES:

1. THE STRUCTURAL DESIGN OF ANY RETAINING WALL OVER 0.6 M IN HEIGHT OR ANY RETAINING WALL LOCATED ON A PROPERTY LINE IS TO BE SHOWN ON THE SITE GRADING PLAN FOR THIS PROJECT AND IS TO BE APPROVED BY THE CONSULTING ENGINEER FOR THE PROJECT.
2. CONTINUOUS 15 CM HIGH BARRIER TYPE POURED CONCRETE CURBING WILL BE PROVIDED BETWEEN ALL ASPHALT AND LANDSCAPED AREAS THROUGHOUT THE SITE.
3. ALL UTILITY COMPANIES WILL BE NOTIFIED FOR LOCATES PRIOR TO THE INSTALLATION OF THE HOARDING THAT LIES WITHIN THE SITE AND WITHIN THE LIMITED OF THE CITY BOULEVARD AREA.
4. ALL SURFACE DRAINAGE TO BE SELF CONTAINED, COLLECTED AND DISCHARGED AT A LOCATION TO BE APPROVED PRIOR TO ISSUANCE OF A BUILDING PERMIT.

KEY PLAN



DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048. THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

LEGEND

- | | |
|--|-------------------------|
| | PROPERTY LINE |
| | PROP. & OF SWALE |
| | PROPOSED ELEVATION |
| | EXISTING ELEVATION |
| | TOP OF CURB |
| | BOTTOM OF CURB |
| | TOP OF WALL |
| | BOTTOM OF WALL |
| | CENTER OF SWALE |
| | PROPOSED SOAKAWAY PITS |
| | BUILDING ENTRANCE |
| | 3:1 SLOPE |
| | EXISTING RETAINING WALL |
| | PROPOSED RETAINING WALL |
| | CONSTRUCTION AREA |
| | OVERLAND FLOW ROUTE |

1	SUBMISSION FOR REVIEW	JULY 02 2020	W.L.	G.R.
NO.	Revision	Date	By	App'd

BENCHMARK

ELEVATIONS ARE REFERENCED TO CITY OF MISSISSAUGA BENCHMARK No. 1069, PUBLISHED AS HAVING AN ELEVATION OF 157.50 METRES (CANADIAN GEODETIC DATUM, 1928).

CONSULTANT	ACCEPTED CITY OF MISSISSAUGA
	SIGNATURE _____ DATE _____



86 THOMAS STREET

SITE GRADING PLAN

Surveyed by:	Checked by: G.R.	Project No. NT-19-013
Drawn by: W.L.	Approved by: G.R.	Drawing No. SG-01
Designed by: W.L.	Date: JUNE 04, 2019	Sheet No. 1 OF 4
Scale: 1:200		

