

**GENERAL NOTES:**

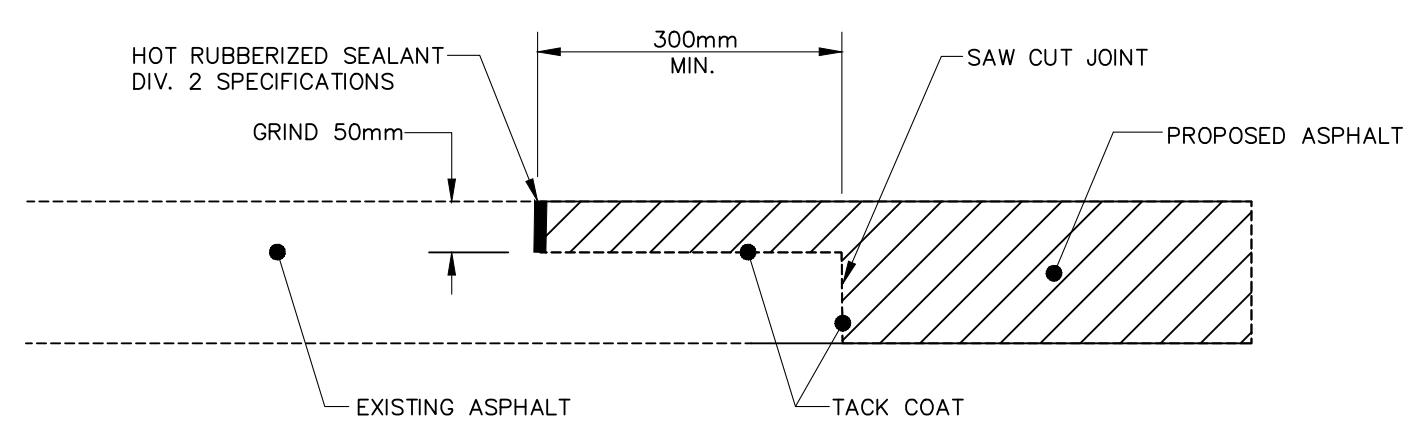
- TOWN OF OAKVILLE AND REGION OF HALTON STANDARD DRAWINGS AND O.P.S.D. WITH REGIONAL AMENDMENTS FOR SANITARY SEWERS AND WATERMAINS ARE TO CONSTITUTE PART OF THE ENGINEERING DESIGN AND CONSTRUCTION CONTRACT.
- OTHER MATERIALS MAY BE ACCEPTABLE, PROVIDED APPROVAL HAS FIRST BEEN OBTAINED FROM THE TOWN ENGINEER AND/OR THE REGIONAL COMMISSIONER OF PUBLIC WORKS.
- ANY INFORMATION SHOWN ON THESE PLANS REGARDING LOCATION AND/OR SIZE OF EXISTING UTILITIES OR SERVICES IS APPROXIMATE. THE CONTRACTOR IS TO FIELD VERIFY ALL LOCATIONS AND SIZES.
- NO BLASTING IS PERMITTED.
- GRANULAR BACKFILL AROUND MANHOLES AND CATCHBASINS SHALL BE COMPACTED BY MECHANICAL MEANS TO A MINIMUM OF 95% S.P.D.
- CLASS 'B' BEDDING ON ALL SEWERS AND CONNECTIONS TO BE AS PER TOWN OF OAKVILLE STD. 8-2 AND REGION OF HALTON STANDARDS. O.P.S.D. 1005.02 AND O.P.S.D. 1102.01 UNLESS NOTED OTHERWISE.
- ANY AREAS WITHIN R.O.W. WHICH REQUIRE FILL IN EXCESS OF 0.30m ARE SUBJECT TO COMPACTION TESTS AND SUCH TESTS MUST SHOW A MIN. COMPACTION OF 100% S.P.D. AT ALL DEPTHS.
- CONCRETE BARRIER CURB AS PER TOWN OF OAKVILLE STD. 6-1.
- WALKWAYS POURED AIR-ENTRAINED, 125mm THICK 32MPa CLASS C-2 CONCRETE WALKWAY ON 150mm THICK GRANULAR BASE WHERE INDICATED ON SITE PLAN.
- THE FOLLOWING PAVEMENT STRUCTURES SHALL BE USED, UNLESS OTHERWISE SPECIFIED: ASPHALT PAVEMENT STRUCTURE DESIGN.
- ALL TOPSOIL AND ORGANIC MATERIAL SHALL BE STRIPPED PRIOR TO CONSTRUCTION.
- ALL TRENCHES WITHIN EXISTING R.O.W. ARE TO BE BACKFILLED WITH NON-SHRINK FILL AS PER TOWN STANDARDS.
- EROSION AND SILTATION CONTROL WORKS TO BE AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN. SILTATION CONTROL MEASURES MUST BE IN PLACE PRIOR TO START OF ANY CONSTRUCTION.
- ALL SOILS INFORMATION IS SHOWN ON THE DRAWINGS FOR THE REFERENCE OF THE ENGINEER ONLY AND IS FROM THE PHASE II ENVIRONMENTAL ASSESSMENT PREPARED

BY TROW ASSOCIATES INC. THE ENGINEER TAKES NO RESPONSIBILITY FOR THE INTERPRETATION THAT ANYONE MAY MAKE OF THIS.

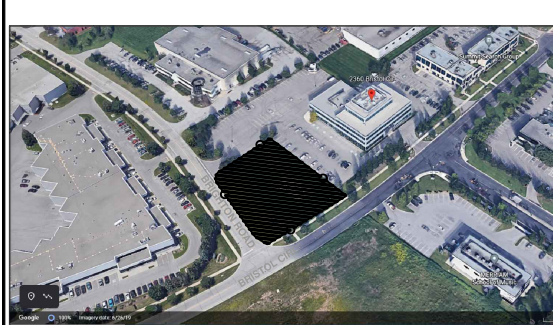
- ALL CURBING AROUND ISLANDS TO BE 150mm ABOVE FINISHED ASPHALT, UNLESS OTHERWISE SPECIFIED ON GRADING PLAN.
- MANHOLES TO BE AS PER OPSD 701.010(1200#), 701.011(1500#), 701.012(1800#) WITH GRATES AS PER OPSD 401.01, UNLESS OTHERWISE SPECIFIED. (TYPE 'A' TOP FOR SANITARY MH, TYPE 'B' TOP FOR STORM MH.)
- ALL CONCRETE SEWER PIPES 525mm DIAMETER AND LARGER SHALL BE EQUAL TO C.S.A SPECIFICATIONS A-257-2 REINFORCED CLASSES (50-D,65-D,100-D,140-D) OR LATEST AMENDMENT UNLESS OTHERWISE NOTED.
- ALL GRANULAR BASE COURSE MATERIALS TO BE COMPACTED TO 100% STANDARD PROCTOR DENSITY.
- "MODULOC" OR APPROVED MANHOLE AND CATCHBASIN ADJUSTERS TO BE USED IN LIEU OF BRICKING, TO A MAX HEIGHT OF 300mm.
- SEWER PIPE BEDDING AS PER OPSD 802.010 (PVC), 802.030 (CONCRETE) TO BE CLASS 'B' BEDDING WITH BACKFILL COMPACTED 95% STANDARD PROCTOR DENSITY. FROST PROTECTION AS PER OBC 7.3.4.9
- ALL MANHOLE AND CATCHBASIN EXCAVATIONS TO BE BACKFILLED WITH GRANULAR 'B' COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- ALL DISTURBED GRASSED AREAS TO BE RESTORED WITH SEED ON 150mm TOPSOIL.
- FOR ALL CONSTRUCTION DETAILS NOT SHOWN ON PLANS, REFERENCE SHALL BE MADE TO THE ONTARIO PROVINCIAL STANDARD DRAWINGS.
- CONTRACTOR TO PROVIDE SEWER VIDEO INSPECTION UPON COMPLETION OF UNDERGROUND SERVICING. 2 DVDS REQUIRED. CONTRACTOR TO SUPPLY CONSULTANT WITH ALL TOPOGRAPHICAL AND ASBLUT INFORMATION IN ORDER TO VERIFY THE THOROUGHNESS OF ALL WORK.
- DRIVEWAY APRONS WITHIN THE RIGHT OF WAY ARE TO BE CONSTRUCTED ACCORDING TO THE TOWN OF OAKVILLE STANDARDS.
- REFER TO THE LATEST PLAN PREPARED BY BALDASSARRA ARCHITECTS INC. FOR THE SITE LAYOUT INFORMATION.
- EXISTING SITE INFORMATION ON DRAWINGS AS PER TOPOGRAPHICAL SURVEY PREPARED BY NANFARA & NG SURVEYORS INC. DATED OCTOBER 29, 2019.

**PAVEMENT NOTES:**

- ALL GRANULAR BASE MATERIALS SHALL BE COMPACTED TO 100% STANDARD PROCTOR MAX. DRY DENSITY. ALL BASE COURSE AND SURFACE COURSE ASPHALT MATERIALS SHALL BE COMPACTED TO 97% MAX BULK DENSITY. ALL IMPORTED GRANULAR BASE MATERIALS MUST BE APPROVED BY THE OWNER'S ENGINEER PRIOR TO PLACEMENT ON-SITE.
- THE APPLICANT WILL BE RESPONSIBLE FOR THE COST OF ANY UTILITY RELOCATION NECESSITATED BY THE SITE PLAN.
- ALL FILL SHALL BE PLACED AND COMPACTED TO 98% STANDARD PROCTOR DENSITY IN MAXIMUM LIFTS OF 200mm.
- INSPECTION OF SUB-GRADE REQUIRED BY GEOTECHNICAL CONSULTANT PRIOR TO PLACEMENT OF PAVEMENT STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF INSPECTIONS WITH GEOTECHNICAL CONSULTANT AT ALL TIMES.
- PAVEMENT DESIGN AS PER RECOMMENDATIONS BY THE GEOTECHNICAL ENGINEER TO BE CONSTRUCTED AT A MINIMUM AS FOLLOWS (INTERNAL PRIVATE ROADWAY AND PARKING):  
 50mm HL3 TOP ASPHALT  
 60mm HLB BASE ASPHALT  
 150mm GRANULAR A OR 19mm# CRUSHER RUN LIMESTONE GRANULAR BASE  
 300mm GRANULAR B TYPE II OR 50mm# CRUSHER RUN LIMESTONE GRANULAR SUB-BASE
- HEAVY DUTY PAVEMENT DESIGN AS PER RECOMMENDATIONS BY THE GEOTECHNICAL ENGINEER TO BE CONSTRUCTED AT A MINIMUM AS FOLLOWS (FIRE ROUTE AND TRUCK LOADING):  
 50mm HL3 TOP ASPHALT  
 60mm HLB BASE ASPHALT  
 150mm GRANULAR A OR 19mm# CRUSHER RUN LIMESTONE GRANULAR BASE  
 400mm GRANULAR B TYPE II OR 50mm# CRUSHER RUN LIMESTONE GRANULAR SUB-BASE



LAP JOINT DETAIL  
N.T.S.



- LEGEND:**
- x 190.35 PROP. ELEVATIONS
  - x 187.21TC EX. TOP OF CURB ELEVATIONS
  - x 188.89EX. EX. ELEVATIONS
  - x 190.16TW PROP. TOP OF WALL
  - x 189.01BW PROP. BOTTOM OF WALLS
  - EX. SANITARY MANHOLE
  - EX. STORM MANHOLE
  - EX. CATCHBASIN
  - SANITARY MANHOLE
  - STORM MANHOLE
  - CATCHBASIN
  - EX. HYDRANT
  - EX. VALVE AND BOX
  - VALVE AND BOX
  - ➔ OVERLAND FLOW ROUTE
  - PROPERTY LINE
  - LIMIT OF GRADING /LAP JOINT



OWNER:  
KANEFF GROUP OF COMPANIES  
3551 Mississauga Road  
Brampton | Ontario | L6Y 5G8

SPA RE-SUBMISSION 06 SEP 23  
ISSUED FOR SITE PLAN APPROVAL 02 JUN 23

**New 1-Storey Warehouse Building**

2360 Bristol Circle  
Oakville, Ontario

**GRADING PLAN**

Project Number:  
**231423**

Drawn By: ZYX  
Checked By: GKR  
Date: 23-09-06  
Scale: 1:300  
Sheet Number: