GENERAL NOTES

1. ALL WORK SHALL BE CARRIED OUT IN STRICT ACCORDANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.

2. ALL WORK, MATERIAL AND CONSTRUCTION METHODS TO CONFORM WITH THE LATEST SPECIFICATIONS, POLICIES, REGULATIONS, GUIDELINES AND LAWS FOR THE CITY OF BARRIE, LAKE SIMCOE REGION CONSERVATION AUTHORITY (LSRCA), ONTARIO BUILDING CODE (OBC), MINISTRY OF LABOUR, MINISTRY OF THE ENVIRONMENT CONSERVATION AND PARKS (MECP), ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS (OPSD AND OPSS), THE ENVIRONMENTAL PROTECTION ACT AND THE WATER RESOURCES ACT. WHERE A CITY STANDARD EXISTS, IT SHALL BE USED IN PLACE OF THE OPSD/OPSS STANDARDS.

3. THE INFORMATION SHOWN FOR EXISTING INFRASTRUCTURE IS FOR GENERAL INFORMATION ONLY AND THE ACCURACY OR COMPLETENESS OF THE PROVIDED INFORMATION HAS NOT BEEN CONFIRMED BY COUNTERPOINT ENGINEERING INC. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCE IS TO BE IMMEDIATELY REPORTED TO THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE ENGINEER OF POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTOR'S EXPENSE.

4. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANT'S PLANS. ANY DISCREPANCIES SHALL BE CLARIFIED PRIOR TO CONSTRUCTION. INFORMATION RELATED TO DIMENSIONS FOR PRIVATE ROAD, PARKING CURBING, BUILDING LOCATIONS AND SETBACKS SHALL BE TAKEN FROM THE SITE PLAN PREPARED BY THE ARCHITECT.

5. THE CONTRACTOR IS ADVISED THAT WORKS BY OTHERS MAY BE ONGOING DURING THE PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND PREVENT CONSTRUCTION CONFLICTS.

6. ALL DIMENSIONS AND ELEVATIONS TO BE VERIFIED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES FOUND PRIOR TO OR DURING CONSTRUCTION SHALL BE CLARIFIED WITH THE ENGINEER.

7. INSPECTIONS:
   ALL WORK ON THE MUNICIPAL RIGHT OF WAY AND EASEMENTS AND ANY WORK RELATING TO WATERMAINS AND SEWERS TO BE INSPECTED BY THE MUNICIPALITY PRIOR TO BACKFILLING.

8. FOR DETAILED SPECIFICATIONS REGARDING:
   - STRIPPING
   - COMPACTION REQUIREMENTS
     - IMPORT MATERIALS
     - PAVEMENT DESIGN
     - MANHOLE, CATCHBASIN, AND SERVICE TRENCH BACKFILLING
     - MANHOLE, CATCHBASIN, AND SERVICE TRENCH EXCAVATION
     - BEDDING

   SEE GEOTECHNICAL REPORT DATED JUNE 5, 2020 BY TERRAPROBE INC. FILE No. 1-19-07920-01, AND ALL APPLICABLE ADDENDUMS.

   THIS SUBMISSION IS BASED UPON SITE PLAN A.100, PREPARED BY JNC ARCHITECTS INC.

9. CONTRACTOR TO DISPOSE OF ALL REMOVALS OFF-SITE TO AN APPROVED DISPOSAL FACILITY. REMOVALS TO BE BACKFILLED WITH SUITABLE ENGINEERED FILL AND COMPACTED AS REQUIRED BY GEOTECHNICAL CONSULTANT.

10. ALL UNDERGROUND SERVICE REMOVALS ARE TO BE BACKFILLED AND COMPACTED WITH ENGINEERED FILL TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.

11. CURB DIMENSIONS AND LAYOUT ARE TO BE MEASURED FROM THE SITE PLAN.

12. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL EXISTING UTILITIES WITHIN THE LIMITS OF CONSTRUCTION AND EXPOSE (WITH HYDRO-VACC) AND SUPPORT AS NECESSARY TO COMPLETE THE PROPOSED WORK.

GRADING

1. EXCEPT WHERE INDICATED, ALL DIFFERENCES IN GRADE BETWEEN THIS SITE AND ADJOINING LANDS ARE TO BE TAKEN UP ON OWNER'S LAND WITH A MAXIMUM SLOPE OF ONE (1) VERTICAL AND THREE (3) HORIZONTAL (UNLESS OTHERWISE SPECIFIED), SODDED AND/OR PAVED, AND/OR PAVED, AND/OR RETAINING WALLS UNLESS OTHERWISE SPECIFIED.

2. INSPECTION OF SUB-GRADE REQUIRED BY ENGINEER/GEOTECHNICAL CONSULTANT PRIOR TO PLACEMENT OF PAVEMENT STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF INSPECTIONS WITH ENGINEER/GEOTECHNICAL CONSULTANT.

3. PAVEMENT MAKE UP FOR LIGHT DUTY, HEAVY DUTY AND RIGID CONCRETE LOADING AREA PAVEMENT TO BE CONSTRUCTED AS PER GEOTCHNICAL REPORT BY TERRAPROBE INC. DATED JUNE 5, 2020 OR SUBSEQUENT ADDENDUMS, FILE No. 1-19-0792-01.

   CAR PARKING (LIGHT DUTY) MINIMUM COMPONENT THICKNESS SHALL BE:
   40mm HL3 (OPSD 1150) SURFACE COURSE ASPHALTIC CONCRETE, COMPACTED AS PER OPSS 310
   50mm HL8 (OPSS 1150) BASE COURSE ASPHALTIC CONCRETE, COMPACTED AS PER OPSS 310
   150mm GRANULAR 'A' BASE COURSE, COMPACTED TO 100% SPMDD.
   300mm GRANULAR 'B' SUB-BASE COURSE, COMPACTED TO 98% SPMDD.

   DRIVEWAY/FIRE ROUTE (HEAVY DUTY) MINIMUM COMPONENT THICKNESS SHALL BE:
   40mm HL3 (OPSD 1150) SURFACE COURSE ASPHALTIC CONCRETE, COMPACTED AS PER OPSS 310
   80mm HL8 (OPSS 1150) BASE COURSE ASPHALTIC CONCRETE, COMPACTED AS PER OPSS 310
   150mm GRANULAR 'A' BASE COURSE, COMPACTED TO 100% SPMDD.
   450mm GRANULAR 'B' SUB-BASE COURSE, COMPACTED TO 98% SPMDD.

   MINIMUM RIGID CONCRETE PAVEMENT STRUCTURE SHALL BE:
   225mm PORTLAND CEMENT CONCRETE (CAN-CSA A23.1)-CLASS C-2, COMPACTION AS PER CAN3-CSA A23.1.
   200mm BASE COURSE GRANULAR 'A' OR 19mm CRUSHER RUN, COMPACTED TO 100% SPMDD.

9. ALL PAVEMENT MARKING, LINE PAINTING, DIRECTIONAL LINES/ARROWS ETC. SHALL BE PLACED IN ACCORDANCE WITH THE SITE PLAN. LINE PAINTING AND DIRECTIONAL SYMBOLS SHALL BE APPLIED WITH A MINIMUM OF TWO COATS OF ORGANIC SOLVENT BASED PAINT.

10. WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT SURFACE, CONSTRUCT STEP JOINT. WHERE THE THICKNESS OF THE ADJACENT ASPHALTIC CONCRETE SURFACE IS LESS THAN 300mm A BUTT JOINT WILL BE SUFFICIENT. PROVIDE TACK COAT ON ALL VERTICAL AND HORIZONTAL SURFACES.

11. BARRIER CURB SHALL BE AS PER OPSD 600.110. ALL CURB SHALL BE 0.15m HIGH UNLESS OTHERWISE SPECIFIED, EXCEPT AT ENTRANCE WHICH WILL BE CONCRETE MOUNTABLE CURBS WITH NARROE GUTTER AS PER OPSD 600.100.

12. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER. ANY REMOVAL OR RELOCATION OF TREES SHALL BE SUBJECT TO CITY APPROVAL.

13. ALL SERVICE TRENCHES SHALL BE COMPACTED TO 100% SPMDD AND RESTORED TO ORIGINAL CONDITION.

GENERAL ESC NOTES

1. ESC MEASURES SHALL BE INSTALLED AND MAINTAINED AS PER THE LSRCA TECHNICAL GUIDELINES FOR STORMWATER MANAGEMENT SUBMISSIONS, SEPTEMBER 1, 2016.

2. THE CONTRACTOR SHALL INSPECT ESC MEASURES ON A WEEKLY BASIS, AFTER EVERY RAINFALL EVENT, AND DAILY DURING EXTENDED RAIN OR SNOWMELT PERIODS.

3. ALL PARKING LOT CATCHBASINS TO HAVE LAYFIELD SEDIMENT PROTECTION INSTALLED IMMEDIATELY AFTER INSTALLATION, AS PER DETAIL PROVIDED. SEDIMENT PROTECTION SHALL BE MAINTAINED UNTIL PARKING LOT IS PAVED.

4. CATCHBASIN SEDIMENT TRAP TO INSTALLED IMMEDIATELY AFTER STRUCTURE INSTALLATION, AS PER DETAIL PROVIDED. SEDIMENT PROTECTION SHALL BE MAINTAINED UNTIL LANDSCAPING OF REGRADED AREA UPSTREAM IS STABILIZED.

5. SILT FENCE TO BE INSPECTED AND REPAIRED WHERE REQUIRED. NEW SILT FENCE SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF ANY EARTHWORKS.

6. THE CONTRACTOR SHALL STOCKPILE THE TOPSOIL AS PER THE PROVIDED LOCATION AND MAINTAIN THE AREA AS PER LSRCA SEPTEMBER 2016 GUIDELINES REFERENCED IN NOTE 1.

7. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. WHEELS SHALL BE CLEANED BY CONTRACTOR TO REMOVE SEDIMENT PRIOR TO ENTRANCE ON PUBLIC RIGHT OF WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY BY CONTRACTOR.

8. SILT FENCE TO BE REMOVED ONLY UPON DIRECTION FROM THE OWNER & ENGINEER.

9. THE CONTRACTOR SHALL KEEP ONSITE ADDITIONAL CLEAR STONE, FILTER FABRIC, PUMPS, HOSES, AND SILTSOXX AT ALL TIMES FOR CONDUCTING REPAIRS TO SEDIMENT CONTROL MEASURES.

10. ALL DISTURBED AREAS LEFT INACTIVE FOR LONGER THAN 30 DAYS ARE TO BE STABILIZED WITH SEED MIX PROVIDED BY THE LANDSCAPE ENGINEER OF RECORD.

11. ESC MEASURES ARE NOT STATIC AND ARE TO BE ADJUSTED AS CONSTRUCTION PROGRESSES.

CONSTRUCTION SEQUENCE:

- INITIAL SEDIMENT CONTROL INSTALLATION INCLUDING SILT FENCE, SEDIMENT TRAPS AND MUDMAT.
- UNDERGROUND SERVICING OPERATIONS INCLUDING INSTALLATION OF INLET SEDIMENT CONTROL.
- SITE ROUGH GRADING OPERATIONS – REWORK SILT FENCE AND MUDMAT AS NECESSARY.
- BUILDING CONSTRUCTION.
- FINAL GRADING OPERATIONS.
- SURFACE STABILIZED THROUGH PAVING, CONCRETE AND LANDSCAPE.
- ESC MEASURES TO BE REMOVED ONCE SITE HAS BEEN STABILIZED.

STORM SEWER

1. ALL STORM MANHOLES TO BE AS PER OPSD 701.010 TO 701.015 (SIZE AS SHOWN) AND MANHOLE TEES AS PER OPSD 707.01 WITH FRAME AND COVER AS PER OPSD 401.010 TYPE 'B'. SAFETY PLATFORMS TO BE INSTALLED IN ALL MANHOLES WHERE DEPTHS EXCEED 4.5m AS PER OPSD 404.020.

2. ALL CATCH BASINS TO BE PRECAST AS PER OPSD 705.010 WITH FRAME AND GRATE AS PER OPSD 400.020 UNLESS OTHERWISE SPECIFIED ON PLANS. PERFORATED SUBDRAINS SHALL BE CONSTRUCTED AND CONNECTED TO INTERNAL CATCHBASINS AND CATCHBASIN MANHOLES IN A CIRCULAR FORMATION AS PER DETAIL ON THIS PAGE. THE CONTRACTOR IS TO ENSURE POSITIVE DRAINAGE IN THE SUBDRAINS.

3. ALL SINGLE CATCH BASIN LEADS TO BE 250mmØ SDR-35 AS PER CSA AND ASTM REQUIREMENTS UNLESS OTHERWISE SPECIFIED ON PLANS. ALL CATCH BASIN LEADS INVERTS TO BE A MINIMUM 1.5m BELOW FINISHED GRADE AND SHALL BE INSTALLED AT A MINIMUM SLOPE OF 1.00% UNLESS OTHERWISE SPECIFIED ON PLANS

4. A MINIMUM COVER OF 1.50m (FROM PROPOSED ELEVATION) IS REQUIRED TO THE TOP OUTSIDE EDGE OF THE PIPE BARREL FOR STORM SEWERS. INSULATION AS PER DETAIL ON SW-D1 IS REQUIRED WHERE MINIMUM
   DEPTH IS NOT ACHIEVED.

5. DROP STRUCTURES SHALL BE PROVIDED WHERE THE DIFFERENCE BETWEEN THE INVERT OF THE INLET AND OUTLET PIPES EXCEEDS 0.90m. ALL DROP STRUCTURES SHALL BE AS PER OPSD 1003.010.

6. ALL MAIN STORM SEWERS UP TO 450mm DIA. SHALL BE PVC SDR-35 OR EQUIVALENT APPROVED BY THE ENGINEER UNLESS SPECIFIED OTHERWISE. PVC SEWER SHALL MEET THE CSA AND ASTM REQUIREMENTS AS NOTED WITHIN OPSS 1841 (MINIMUM 320kPa). ALL STORM SEWERS 525mm OR LARGER SHALL BE REINFORCED CONCRETE SEWER (CLASS 65-D UNLESS OTHERWISE INDICATED) IN ACCORDANCE WITH CSA SPECIFICATION A257.1-M92. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ADDITIONAL BEDDING AND/OR STRONGER PIPE IF ACTUAL TRENCH WIDTHS EXCEED DESIGN WIDTHS. RIGID PIPE REQUIRES CONCRETE ENCASEMENT FOR THE FIRST PIPE LENGTH CONNECTING TO ANY APPURTENANCES.

7. SERVICES TO THE BUILDING SHALL BE TERMINATED 1.5m FROM THE BUILDING ENVELOPE UNLESS OTHERWISE NOTED. PROVIDE PERMANENT CAP (TO BE REMOVED BY BUILDING CONTRACTOR AT TIME OF BUILDING CONNECTION).

8. "MODULOC" OR APPROVED PRE-CAST MANHOLE AND CATCH BASIN ADJUSTERS TO BE USED IN LIEU OF BRICKING AS PER OPSD 704.010. PARGE ADJUSTING UNITS ON THE OUTSIDE ONLY.

9. THE CONTRACTOR SHALL FLUSH AND PROVIDE CCTV CAMERA INSPECTIONS OF ALL STORM SEWERS, INCLUDING PICTORIAL REPORT, AND TWO (2) USB's IN A FORMAT ACCEPTABLE TO THE ENGINEER, PRIOR TO TOPCOAT ASPHALT.

10. ALL BENCHING SHALL BE AS PER OPSD 701.021

11. ALL CATCHBASIN SUMPS SHALL HAVE A MINIMUM DEPTH OF 900 mm TO PROVIDE INCREASE SEDIMENT CAPTURE AS PER CITY OF BARRIE TECHNICAL BULLETIN PS-2019-02.

12. STORM PIPE BEDDING AND TRENCH BACKFILL SHALL CONFORM TO GEOTECHNICAL CONSULTANTS RECOMMENDATIONS (SEE GEOTECHNICAL REPORT).

WATERMAIN AND SANITARY SEWER

1. WATERMAIN 100mmø TO 300mmø SHALL BE PRESSURE CLASS/RATING 1620 kPa (235 psi) DR18 CONFORMING TO AWWA C-900-89 POLYVINYL CHLORIDE (PVC) AND CSA CAN3 B137.3-M1986 WITH GASKETED BELL END. 50mmø WATERMAIN SHALL BE TYPE 'K' COPPER MEETING REQUIREMENTS OF CSA 137.1. A 12 GAUGE TWU STRANDED COPPER PLASTIC COATED TRACER WIRE MUST BE INSTALLED WITH THE PIPE AND BROUGHT TO THE SURFACE AT EACH VALVE BOX. TRACER WIRE IS TO BE ATTACHED TO THE PIPE AND THE OUTSIDE OF EACH VALVE BOX BY MEANS OF FIBRE TAPE AT 3.0m INTERVALS. BLUE CAUTION TAPE TO BE INSTALLED 0.30 m ABOVE THE PIPE TO DELINEATE THE LOCATION OF THE WATERMAIN AS PER CITY STANDARDS.

2. WATERMAIN LESS THAN 100 mmø SHALL BE CROSS-LINKED POLYETHYLENE UNLESS OTHERWISE NOTED.

3. ALL BENDS, TEES, JOINTS, ETC., ARE TO BE RESTRAINED MECHANICALLY AS PER THE MANUFACTURER'S RECOMMENDATIONS AND CITY STANDARDS.

4. WATERMAINS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM HORIZONTAL SPACING OF 2.5m FROM SAN/STM AND 1.2m FROM THEMSELVES AND ALL OTHER SERVICES AND UTILITIES.

5. WATERMAINS SHALL BE INSTALLED AT A MINIMUM COVER OF 1.7m FROM PROPOSED GRADES AND MUST BE MAINTAINED AT ALL TIMES. DEFLECT WATERMAIN WHERE REQUIRED TO AVOID CONFLICTS WITH OTHER SERVICES. AT ALL WATERMAIN CROSSINGS, A MINIMUM VERTICAL CLEARANCE OF 0.50m IS REQUIRED BETWEEN THE WATERMAIN AND OTHER SERVICE LINE.

6. ALL WATERMAIN STUBS SHALL BE TERMINATED WITH A 50mm PLUG AND BLOW OFF.

7. HYDRANTS SHALL BE AS PER CITY OF BARRIE STANDARDS. THE CONTRACTOR IS TO CERTIFY IN WRITING TO THE ENGINEER/OWNER THAT THE HYDRANTS HAVE BEEN TESTED IN ACCORDANCE WITH CITY OF BARRIE, OPSD AND LOCAL FIRE DEPARTMENT STANDARDS, AND THAT THEY ARE FULLY OPERATIONAL. PUMPER NOZZLE IS TO FACE THE FIRE ROUTE.

8. PRIVATE FIRE HYDRANTS SHALL BE FLOW TESTED IN CONFORMANCE WITH LOCAL REQUIREMENTS.

9. PRIVATE HYDRANTS TO BE PAINTED RED AND STEAMER PORTS ARE TO FACE THE FIRE ROUTE.

10. ALL HYDRANTS SHALL BE PERPENDICULAR TO FACE OF BUILDING/FIRE ROUTE, AND FLANGE ELEVATIONS SHALL BE INSTALLED MIN. 0.05m / MAX. 0.15m ABOVE PROPOSED FINISHED GRADE AT HYDRANT.

11. ALL PVC WATERMAIN AND APPURTENANCES SHALL BE CATHODICALLY PROTECTED PER OPSD 1109.011 AND THE GEOTECHNICAL REPORT.

12. ALL WATERMAINS SHALL BE BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH ALL LOCAL MUNICIPAL, REGIONAL AND PROVINCIAL REQUIREMENTS. DISPOSAL OF CHLORINATED WATER TO BE IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS. HYDROSTATIC PRESSURE TESTING OF WATERMAINS SHALL BE IN ACCORDANCE TO OPSS 441.

13. ALL SANITARY SEWERS SHALL BE PVC SDR-35 OR EQUIVALENT APPROVED BY THE ENGINEER UNLESS SPECIFIED OTHERWISE. SEWERS SHALL MEET CSA STANDARD B182.1. FITTINGS SHALL MEET ASTM STANDARD D3034. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ADDITIONAL BEDDING AND/OR STRONGER PIPE IF ACTUAL TRENCH WIDTHS EXCEED DESIGN WIDTHS.

14. SANITARY MANHOLES SHALL BE AS PER OPSD 701.010. FRAME COVER SHALL BE PER OPSD 401.010 TYPE 'A'. SAFETY PLATFORMS TO BE INSTALLED IN ALL MANHOLES WHERE DEPTHS EXCEED 5.0m AS PER OPSD 404.020.

15. DROP STRUCTURES SHALL BE PROVIDED WHERE THE DIFFERENCE BETWEEN THE INVERT OF THE INLET AND OUTLET PIPES EXCEEDS 0.61m. ALL DROP STRUCTURES SHALL BE AS PER OPSD 1003.010.

16. A MINIMUM COVER OF 1.85m (FROM PROPOSED ELEVATION) IS REQUIRED TO THE TOP OUTSIDE EDGE OF THE PIPE BARREL FOR STORM SEWERS. INSULATION IS REQUIRED WHERE MINIMUM DEPTH IS NOT ACHIEVED.

17. ALL BUILDING AND FUTURE PHASE SERVICES SHALL BE CAPPED AND MARKED WITH A 2X4 PAINTED GREEN (SANITARY), BLUE (WATERMAIN), AND WHITE (STORM). THE 2X4 SHALL EXTEND 0.6m ABOVE GRADE.

18. MANHOLE STEPS TO BE CONSTRUCTED AS PER OPSD 405.010.

19. SERVICES TO BUILDINGS SHALL BE TERMINATED 1.5m FROM THE BUILDING ENVELOPE UNLESS OTHERWISE NOTED. PROVIDE PERMANENT CAP (TO BE REMOVED BY BUILDING CONTRACTOR AT TIME OF BUILDING CONNECTION).

20. THE CONTRACTOR SHALL FLUSH AND PROVIDE CCTV CAMERA INSPECTIONS OF ALL SANITARY SEWERS, INCLUDING PICTORIAL REPORT, AND TWO (2) USB's IN A FORMAT ACCEPTABLE TO THE ENGINEER, PRIOR TO TOPCOAT ASPHALT AS PER DIVISION 31 63 30.

21. SANITARY AND WATER PIPE BEDDING AND TRENCH BACKFILL SHALL CONFORM TO GEOTECHNICAL CONSULTANTS RECOMMENDATIONS (SEE GEOTECHNICAL REPORT).

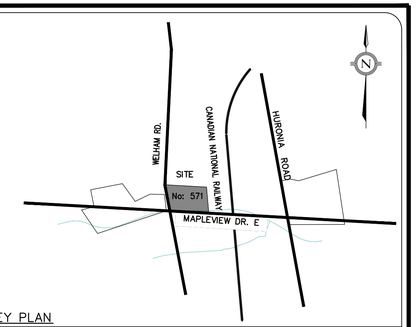
22. ALL BENCHING SHALL BE AS PER OPSD 701.021

COUNTERPOINT ENGINEERING INC. CONFORMANCE REQUIREMENTS

1. THE FOLLOWING ITEMS ARE TO BE PROVIDED TO COUNTERPOINT NO LESS THAN 10 WORKING DAYS PRIOR TO THE REQUEST FOR A LETTER OF GENERAL CONFORMANCE/FINAL CERTIFICATION. THE DOCUMENTS MUST INDICATE THAT THE SITE HAS BEEN CONSTRUCTED IN GENERAL CONFORMANCE WITH THE APPROVED DESIGN;
   - AS-CONSTRUCTED TOPOGRAPHIC/UNDERGROUND SURVEY COMPLETED BY A REGISTERED LAND SURVEYOR AS PER THE SPECIFICATIONS OUTLINED WITHIN THE CONTRACT DOCUMENT;
   - GEOTECHNICAL ENGINEER CERTIFICATION LETTER, WHICH INCLUDES SUB-GRADE COMPACTION RESULTS, BEDDING AND BACKFILL COMPACTION AND MATERIAL ACCEPTANCE, GRANULAR, ASPHALT, SITE CONCRETE MATERIAL ACCEPTANCE AND COMPACTION RESULTS;
   - CCTV INSPECTION OF FLUSHED STORM AND SANITARY PIPES AND STRUCTURES TO BE PROVIDED AT LEAST 10 DAYS PRIOR TO TOP WORKS PLACEMENT.
   - WATERMAIN PRESSURE, CHLORINATION AND BACTERIAL TEST RESULTS AND MUNICIPAL APPROVAL IF AVAILABLE.
   - CERTIFICATION OF INSTALLATION STORFMILTER UNIT FROM THE MANUFACTURER.
   - SANITARY MANDREL/AIR TEST COMPLETED AS PER LOCAL MUNICIPAL STANDARDS.
2. SHOULD THE SUBMITTED MATERIALS INDICATE NON-CONFORMANCE OR DEFICIENCIES, THEY MUST BE ADDRESSED TO COUNTERPOINT'S SATISFACTION WITH AN UPDATED SUBMITTAL PRIOR TO ISSUANCE OF A LETTER OF GENERAL CONFORMANCE/FINAL CERTIFICATION.
3. COUNTERPOINT MUST ALSO COMPLETE ALL NECESSARY SITE INSPECTIONS AS OUTLINED IN THE APPROVED SERVICE PROGRAM, WITH ALL DEFICIENCIES ADDRESSED TO COUNTERPOINT'S SATISFACTION.

NOTE: REFER TO ARCHITECTURAL SITE PLAN AND LANDSCAPE PLAN FOR ITEMS SUCH AS:
-SIDEWALK LOCATIONS/DETAILS
-CURB RAMPS/DETAILS
-RISER LOCATIONS/DETAILS
-SOFT LANDSCAPING
-AMENITY ITEMS, I.E. BIKE RACKS, ETC.
-SITE/DIRECTIONAL SIGNAGE
-LINE PAINTING

LAYOUT AND DIMENSIONS FOR THESE ITEMS ARE TO BE DERIVED FROM THE SITE PLAN.



KEY PLAN

LEGEND

No.	REVISIONS/ISSUED	DATE	BY	CITY
5.	ISSUED FOR SPA #3	JAN. 28/21	GR	
4.	ISSUED FOR SPA #2	NOV. 19/20	GR	
3.	RE-ISSUED FOR SITE ALTERATION PERMIT	OCT. 30/20	GR	
2.	ISSUED FOR SITE ALTERATION PERMIT	OCT. 9/20	GR	
1.	ISSUED FOR SPA	JUNE 25/20	BJ	

counterpoint ENGINEERING
COUNTERPOINT ENGINEERING INC.
8395 Jane St., Suite 100, Vaughan, ON L4K 5Y2 Phone 905.326.1404 Fax 905.326.1405

LICENSED PROFESSIONAL ENGINEER
G. ROUBY
90262940
Jun. 27, 2021
PROVINCE OF ONTARIO
ENGINEER'S STAMP

APPLICANT:
JNC ARCHITECT INC.
10 BUR OAK AVENUE, UNIT 3
MARKHAM, ON
L6C 0A2

SITE LOCATION:
PROPOSED INDUSTRIAL DEVELOPMENT
CRUMB MANUFACTURING FACILITY
571 WELHAM ROAD
BARRIE, ON
SITE PLAN FILE No.:

NOTES PLAN

DESIGNED BY: GR	CHECKED BY: JY	DATE: JANUARY 2020
DRAWING BY: BJ	CHECKED BY: JY	PROJECT NO. 20005
SWM BY: GR	CHECKED BY: JY	
SCALE: 1:500m (0m 5m 10m 20m 30m)		DRAWING NO. SW-N