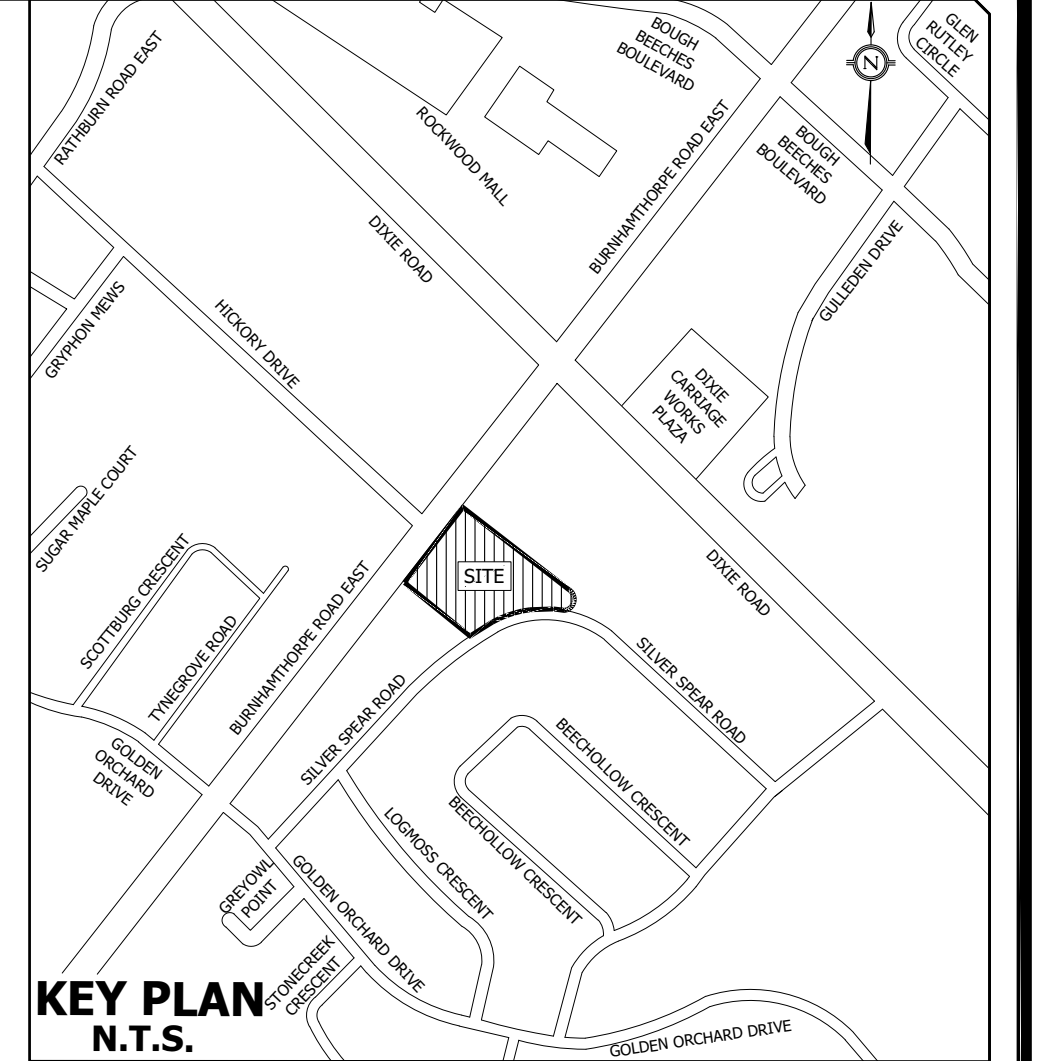
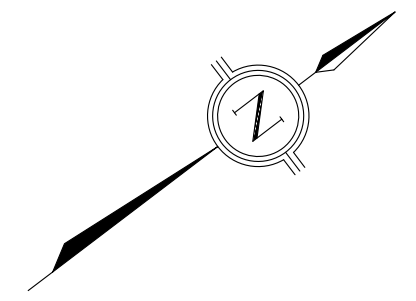
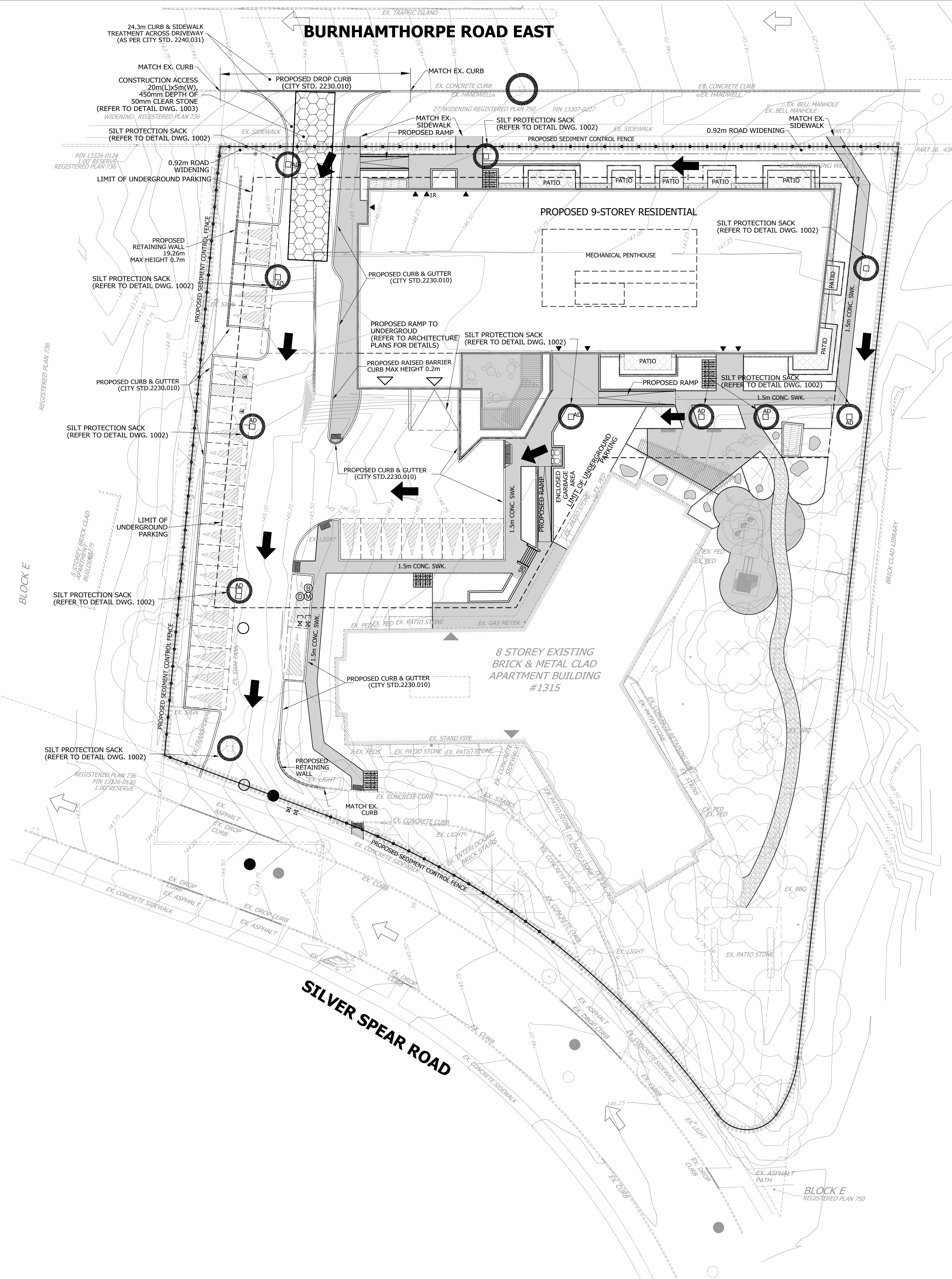


EROSION AND SEDIMENT CONTROL

- 1.1. CONTRACTOR TO INSTALL EROSION CONTROL MEASURES AS SHOWN PRIOR TO CONSTRUCTION AND MAINTAIN IN GOOD CONDITION UNTIL CONSTRUCTION IS COMPLETED AND ALL DISTURBED GROUND SURFACES HAVE BEEN RESTABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE COVER.
- 1.2. ALL SILT FENCING TO BE INSTALLED PRIOR TO ANY AREA GRADING, EXCAVATING OR DEMOLITION COMMENCING.
- 1.3. EROSION CONTROL FENCING TO BE INSTALLED AROUND BASE OF ALL LONG TERM STOCKPILES. ALL STOCKPILES TO BE KEPT 2.5M MINIMUM FROM PROPERTY LINE.
- 1.4. EROSION PROTECTION TO BE PROVIDED AROUND ALL STORM CBS.
- 1.5. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. CONTRACTOR TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES.
- 1.6. EROSION CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN RESTABILIZED.
- 1.7. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE ENGINEER AND THE CITY.
- 1.8. CONTRACTOR TO CLEAN ROADWAY AND SIDEWALKS OF SEDIMENTS RESULTING FROM CONSTRUCTION TRAFFIC FROM THE SITE EACH DAY.
- 1.9. CONTRACTOR MUST REMOVE EROSION AND SEDIMENTATION FENCING PRIOR TO COMPLETION OF PROJECT. CONTRACTOR TO HAVE EROSION AND SEDIMENTATION FENCE INSPECTED WHEN VEGETATION HAS ESTABLISHED, BUT PRIOR TO FENCE BECOMING OVERGROWN. ENGINEER'S REPRESENTATIVE TO DETERMINE IF VEGETATION HAS REACHED THE CRITICAL POINT AND WILL THEN INSTRUCT CONTRACTOR TO REMOVE FENCE.
- 1.10. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO CONTROL DUST IN THE PROJECT AND SHALL PROVIDE, AT HIS OWN EXPENSE, CONTROLLING MEASURES AS DIRECTED BY THE ENGINEER AND THE CITY.
- 1.11. SHOULD EXCESSIVE MUD TRACKING BE NOTED ON THE CITY/REGION ROADS, IT MAY BE DIRECTED BY THE CITY/REGION ENGINEER TO INSTALL A WHEEL WASHING DEVICE WHICH WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 1.12. ALL SEDIMENT CONTROLS MUST BE MONITORED ON A WEEKLY BASIS BY THE THIRD PARTY AND A REPORT WILL BE SUBMITTED TO CVC, MNRF AND THE CITY OF MISSISSAUGA. DURING OR IMMEDIATELY AFTER A SIGNIFICANT RAINFALL EVENT AN INSPECTION MUST BE DONE, AND THE RECEIVING SYSTEM SHOULD BE INSPECTED FOR EXCESS SEDIMENT LOAD. IF EXCESS SEDIMENT LOAD IS NOTED, THE SEDIMENT EROSION CONTROL PLAN SHOULD BE ADJUSTED TO CONTROL EXCESS SEDIMENT TO THE EXTENT FEASIBLE AS SOON AS POSSIBLE. MODIFICATIONS & MAINTENANCE MAY BE REQUIRED AS SITE CONDITIONS WARRANT. THE CVC AND CITY OF MISSISSAUGA APPROVAL IS REQUIRED PRIOR TO MODIFICATIONS.
- 1.13. ALL EXTERNAL AREAS DISTURBED DUE TO CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE CITY OF MISSISSAUGA OR REGION OF PEEL.

MAINTENANCE RECOMMENDATIONS

- 2.1. REMOVE SEDIMENT AND CONTAMINANTS ANNUALLY AND REINSTATE STORM WATER MANAGEMENT FACILITY ACCORDING TO THE DESIGN OUTLINED ON THIS PLAN.
- 2.2. EROSION CONTROL STRUCTURES TO BE MONITORED REGULARLY AND ANY DAMAGE REPAIRED IMMEDIATELY. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF 1/3 THE HEIGHT OF THE FENCE.
- 2.3. OWNER'S REPRESENTATIVE TO MONITOR EROSION CONTROL STRUCTURES TO ENSURE FENCING IS INSTALLED AND MAINTENANCE IS PERFORMED TO CITY REQUIREMENTS.



LEGEND

- | | | | |
|-----|--|-----|------------------------|
| ● | STORM MANHOLE | --- | EXISTING FENCE |
| ○ | SANITARY MANHOLE | --- | EXISTING HYDRO |
| ○ | EXISTING STORM MANHOLE | --- | EXISTING UTILITY LINE |
| ○ | EXISTING SANITARY MANHOLE | --- | PROPOSED WOOD FENCE |
| □ | PROPOSED CATCHBASIN | + | EXISTING TREE |
| ○ | EXISTING SINGLE CATCHBASIN | + | PROPOSED TREE |
| ○ | EX. DETECTOR CHECK VALVE IN CHAMBER | ○ | PROPOSED TACTILE STRIP |
| ○ | EX. WATER METER IN CHAMBER | ○ | PROPOSED CURB CUT |
| ○ | EX. BACKFLOW VALVE IN CHAMBER | ○ | PROPOSED PARKING SPACE |
| ○ | VALVE AND BOX | ○ | PROPOSED VENT SHAFT |
| ○ | EXISTING VALVE AND BOX | ○ | PROPOSED BIKE RACK |
| ○ | EXISTING HYDRANT & VALVE | ○ | BUILDING ENTRANCE |
| → | PROPOSED OVERLAND FLOW DIRECTION | ○ | |
| → | EXISTING OVERLAND FLOW DIRECTION | ○ | |
| ○ | PROPOSED SEDIMENT CONTROL FENCE (AS PER CITY STD. 2940.010) | ○ | |
| ○ | PROPOSED CONSTRUCTION ACCESS STONE PAD (AS PER CITY STD. 2970.010) | ○ | |
| ○ | CATCHBASIN SILT PROTECTION (REFER TO DETAIL ON DWG. 1002) | ○ | |
| --- | LIMIT OF UNDERGROUND LEVELS | ○ | |
| --- | LIMIT OF BUILDING GROUND FLOOR | ○ | |
| --- | EXISTING CONTOUR ELEVATION | ○ | |
| --- | LIMIT OF PROPERTY | ○ | |

BENCHMARK NOTE

ELEVATIONS SHOWN ON THIS PLAN ARE GEODETIC AND ARE REFERRED TO CITY OF MISSISSAUGA BENCHMARK NO. 688, HAVING AN ELEVATION OF 143.902 METERS. TOPOGRAPHIC SURVEY PREPARED BY LLOYD & PURCELL LTD. ONTARIO LAND SURVEYORS ON OCT. 23, 2023.

<input checked="" type="checkbox"/> FIRST SUBMISSION	<input type="checkbox"/> SECOND DATE	<input type="checkbox"/> THIRD DATE	<input type="checkbox"/> FINAL DATE
DATE: NOV. 13, 2023			



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1315 SILVER SPEAR

Region of Peel
working with you

MISSISSAUGA

EROSION & SEDIMENT CONTROL PLAN

REGION FILE No. XXX	CITY FILE No. XXX
SCALE: 1:500	AREA
PROJECT No. 23-314	
DRAWN BY: X.S.	CHECKED BY: R.M./R.B.T.M
PLAN No. 1001	
DATE: SEPTEMBER 2023	SHEET OF C-