



EXISTING UTILITIES AND SERVICES

CONTRACTOR SHALL NOTE THAT THE CONSTRUCTION ZONE HAS NUMEROUS EXISTING UNDERGROUND UTILITIES AND SERVICES, SOME OF WHICH ARE TO BE ABANDONED OR REMOVED, AND OTHERS WHICH ARE TO BE PROTECTED AND MAINTAINED IN SERVICE.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL RETAIN THE SERVICES OF A COMPANY, WHICH SPECIALIZES IN SUBSURFACE UTILITY ENGINEERING FOR THE PURPOSES OF LOCATING, MARKING AND SURVEYING ALL UNDERGROUND UTILITIES AND SERVICES. ALL CURRENT METHODS SHALL BE USED FOR THESE LOCATIONS INCLUDING ELECTRONIC METHODS, VACUUM EXCAVATIONS, SURVEYING MANHOLES AND CHAMBERS ETC.

THE UTILITIES AND SERVICES SHALL BE SURVEYED AND TIED INTO THE PROJECT COORDINATE SYSTEM. A COPY OF THE SURVEY SHALL BE PROVIDED TO THE ENGINEER FOR RECORD PURPOSES.

ANY CONFLICT WITH THE PROPOSED WORKS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOCATIONS FOR PROTECTION AND TEMPORARY RELOCATION OF UNDERGROUND UTILITIES AND SERVICES AS REQUIRED FOR THE COMPLETE INSTALLATION OF THE PROPOSED WORKS.

EROSION & SEDIMENT CONTROL NOTES:

1. EROSION & SEDIMENT CONTROL MEASURES MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF SITE WORKS.
2. EROSION & SEDIMENT CONTROLS MUST BE INSPECTED ON A REGULAR BASIS AND AFTER EVERY RAIN FALL EVENT, AND MUST BE MAINTAINED AND REPAIRED IN A TIMELY MANNER TO PREVENT SEDIMENT FROM LEAVING THE SITE.
3. EXISTING AND PROPOSED CATCHBASINS ARE TO BE PROTECTED WITH FILTER CLOTH AND 150mm OF 50mm STONE COVER DURING CONSTRUCTION.
4. IT IS REQUIRED TO STABILIZE ALL AREAS THAT WILL REMAIN DISTURBED FOR MORE THAN 30 DAYS.
5. MUD MAT, SILT FENCE, AND CATCHBASIN PROTECTION ARE NOT TO BE REMOVED UNTIL COMPLETION OF CONSTRUCTION.

NOTE:

ALL DISTURBED AREAS WITHIN MUNICIPAL RIGHT-OF-WAYS ARE TO BE REINSTATED TO EXISTING CONDITIONS OR BETTER

ALL DISTURBED AREAS TO BE RESTORED TO THE SATISFACTION OF THE CITY OF MISSISSAUGA AND REGION OF PEEL.

ALL REMOVED MATERIALS TO BE DISPOSED OF OFF-SITE.

THE REMOVAL/RELOCATION OF ELECTRICAL AND COMMUNICATION DUCTS, CABLES, ELECTRICAL POLES, LIGHT STANDARDS, GAS PIPES AND OTHER EX. UTILITIES TO BE COMPLETED PER ELECTRICAL DESIGN AND UTILITIES COMPANIES DESIGN.

METRIC
ALL DIMENSIONS IN MILLIMETRES

STANDARD
SEDIMENT CONTROL FENCE

EFF. DATE: 2002-01-01 SCALE: N.T.S.
REV. 1 STANDARD No. 2940.010

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN LOCATES OF ALL EXISTING UTILITIES AND SERVING PRIOR TO INSTALLING HOUSING.
3. DO NOT DAMAGE VISIBLE TREE ROOTS WHEN INSTALLING T-BARS.
4. GEOTEXTILE TO WOVEN OR NON WOVEN, MINIMUM EQUIVALENT OPENING SIZE IS 0.25mm, AND MAXIMUM EQUIVALENT OPENING SIZE IS 0.25mm.
5. GEOTEXTILE TO HAVE HORIZONTAL OVERLAP OF 1000mm MINIMUM AT JOINTS.
6. HOUSING MUST BE MAINTAINED IN SOUND CONDITION THROUGH ALL PHASES OF CONSTRUCTION UNTIL APPROVAL TO REMOVE HOUSING IS OBTAINED FROM THE COMMUNITY SERVICES DEPARTMENT.

LEGEND

- PROPERTY LINE
- - - EXISTING CONTOUR (0.5m)
- - - EXISTING CONTOUR (1.0m)
- - - EXISTING DITCH
- - - EXISTING HYDRO POLE
- - - EXISTING FENCE
- - - EXISTING GRADE
- - - EXISTING OVERLAND FLOW DIRECTION
- - - MUD-MAT; SEE DETAIL
- - - SILT FENCE; SEE DETAIL

NOTES:

1. GRANULAR MATERIAL IS TO BE CLEAN, UNWORN, AND PLACED AT NOTED DEPTH PRIOR TO STONE PLACEMENT.
2. GEOTEXTILE IS TO BE PLACED OVER THE ENTIRE AREA PRIOR TO STONE PLACEMENT.
3. MAINTAINANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION TO REDUCE TRAFFIC SLOWLY DOWN TO REDUCE TRAFFIC AND GRANULAR MATERIAL IS TO BE REPLACED AS REQUIRED OR AS NOTED BY THE TRANSPORTATION AND HIGHWAY SERVICES DEPARTMENT.
4. FOR SITE DEVELOPMENTS GREATER THAN 4.0ha, CLEAR STONE AND 50mm (MIN) IS REQUIRED FOR 500mm DEPTH.

'SILTSACK' DETAIL
SCALE: N.T.S.

INSERT 25mm REBAR FOR BAG REMOVAL FROM INLET (REBAR NOT INCLUDED)

CATCHBASIN GRATE

CURB OPENING

OPTIONAL OVERFLOW

FOAM DEFLECTOR

SILTSACK®

DUMP LOOPS (REBAR NOT INCLUDED)

CATCHBASIN

NOTES:

1. INSTALL TERRAFIX 'SILTSACK' IN ALL CATCHBASINS & CATCHBASIN MANHOLES AFFECTED BY CONSTRUCTION.
2. INSTALL TERRAFIX 'SILTSACK' IN ALL NEW CATCHBASINS & CATCHBASIN MANHOLES.

NOT FOR CONSTRUCTION

Stamp: **PROFESSIONAL ENGINEER**
A. FARINA
100523860
DEC/03/2021
PROVINCE OF ONTARIO

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1 ISSUED FOR 2nd SUBMISSION 2021/DEC/03
0 ISSUED FOR 1st SUBMISSION 2020/NOV/20

ELEVATION NOTE:
ELEVATIONS SHOWN ON THIS PLAN ARE DERIVED FROM THE CITY OF MISSISSAUGA BENCHMARK No. 075023031
ELEVATION = 169.073m

SURVEY NOTES:
SURVEY COMPLETED BY SPEIGHT, VAN NOSTRAND & GIBSON LMD. (2018/APR/22)
REFERENCE No.: 1-RCP 1542 PEEL
BEARINGS ARE UTM GRID, DERIVED FROM RTN OBSERVATIONS
UTM ZONE 17, NAD83 (GSR5) (2010.0)
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.9996781

SITE PLAN NOTES:
DESIGN ELEMENTS ARE BASED ON SITE PLAN BY COMPANY NICOLAS CARAGIANIS ARCHITECT INC.
DRAWING No.: A-100, REV.29 (2021/NOV/08)
PROJECT No.: 2018.0020

DRAWING NOTES:
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THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND DATUMS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION.
THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT. DO NOT SCALE THIS DRAWING.
ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

Project
DYMON GROUP OF COMPANIES
3855-3915 DUNDAS STREET WEST
CITY OF MISSISSAUGA

Drawing
REMOVALS PLAN
EROSION & SEDIMENT CONTROL PLAN

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Drawn D.B. **Design** A.D.F. **Project No.** 1644-5477
Check A.D.F. **Check** A.S. **Scale** 1:500 **Dwg.** C 101