

Key	Botanical Name	Common Name
DECIDUOUS TREES		
Ac	Amelanchier canadensis	Serviceberry
Ar	Acer rubrum	Red Maple
Gb	Ginkgo biloba	Maidenhair Tree
Mbc	Malus b. Columnaris	Columnar Siberian Crabapple
Pcb	Pyrus c. Bradford	Bradford Ornamental Pear
Sri	Syringa f. Ivory Silk	Ivory Silk Lilac
Ss	Salix x. Scarlet Curis	Scarlet Curis Willow
EVERGREEN TREES		
Pp	Picea pungens	Colorado Spruce
DECIDUOUS SHRUBS		
cr	Cornus racemosa	Gray Dogwood
cs	Cornus sericea	Red Osier Dogwood
sa	Symphoricarpus albus	Snowberry
sd	Salix discolor	Pussy Willow
sja	Spiraea j. Anthony Waterer	Anthony Waterer Spirea
vl	Viburnum lentago	Nannyberry
EVERGREEN SHRUBS		
ton	Taxus c. Nana	Dwarf Japanese Yew
toe	Thuja occidentalis	Northern White Cedar
ORNAMENTAL GRASSES AND PERENNIALS		
ckf	Calamagrostis 'Karl Foerster'	Feather Reed Grass
AQUATICS - EMERGENT / SHALLOW WATER		
aca	Acorus americanus	Sweet Flag
pc	Pontederia cordata	Pickersweeed

A PLANT MATERIAL KEYS

(For Plant Specifications and Details Refer to DWG D-1)

A. DRY/UPLAND SEED MIXTURE/POLLINATOR MIX		
- FOR STORMWATER MANAGEMENT POND FACILITIES APPLY ABOVE HIGH WATER LEVEL.		
- SEED AT A RATE OF 22-25 kg/ha		
- SPECIES INCLUDED AND APPROXIMATE VOLUME OF THE TOTAL BY WEIGHT:		
MIX CONSISTS OF:		
- Bigleaf Lupine	Lupinus polyphylus	5%
- Black Eyed Susan	Rudbeckia hirta	5%
- Butterfly Milkweed	Asclepias tuberosa	1%
- Canada Goldenrod	Solidago canadensis	1%
- Cosmos	Cosmos bipinnatus	1%
- Lance Leaf Coreopsis	Coreopsis lanceolata	6%
- Little Blue Stem	Schizanthus scoparium	1%
- Marsh (Dense) Blazing Star	Liatris spicata	1%
- New England Aster	Aster novae-angliae	15%
- Oats	Avena sativa	15%
- Purple Coneflower	Echinacea purpurea	5%
- Smooth Blue Aster	Aster laevis	1%
- Swamp Milkweed	Asclepias incarnata	1%
- Tall White Sweetgum	Penstemon digitalis	1%
- Virginia Wild Rye	Elymus virginicus	19%
- Wild Bergamot	Monarda fistulosa	1%
100%		
B. WET/LOWLAND SEED MIXTURE		
- FOR STORMWATER MANAGEMENT POND FACILITIES APPLY BETWEEN PERMANENT POOL (PPL) & HIGH WATER LEVEL.		
- SEED AT A RATE OF 30 kg/ha, (Mn.)		
- SPECIES INCLUDED AND APPROXIMATE VOLUME OF THE TOTAL BY WEIGHT:		
MIX CONSISTS OF:		
- Baby's Sedge	Carex bebbii	2%
- Blue Lobelia	Lobelia siphilitica	1%
- Blue Vervain	Verbena hastata	10%
- Borewort	Equisetum perfoliatum	3%
- Dark Green Bulrush	Scirpus atrovirens	1%
- Fox Sedge	Carex vulpina	2%
- New England Aster	Aster novae-angliae	20%
- Purple Stemmed Aster	Aster purpureus	1%
- Foxtail Grass	Poa polystris	20%
- Soft Rush	Juncus effusus	2%
- Spotted Joe Pye Weed	Eupatorium maculatum	2%
- Square Stemmed Monkey Flower	Minutella ringens	2%
- Swamp Milkweed	Asclepias incarnata	3%
- Tall Manna Grass	Glyceria grandis	2%
- Virginia Wild Rye	Elymus virginicus	27%
- Woogras	Scirpus cyperinus	2%
100%		
NOTES:		
• SEEDING TO BE PRELIMINARILY APPLIED SUBSTRATE (TERRASEEDING OR APPROVED EQUAL) APPLIED TO A DEPTH OF 50mm.		
• NO NURSE CROP IS REQUIRED WITH THIS SEEDING METHOD ONCE EXISTING VEGETATION IS REMOVED AND SOIL SCARIFIED.		

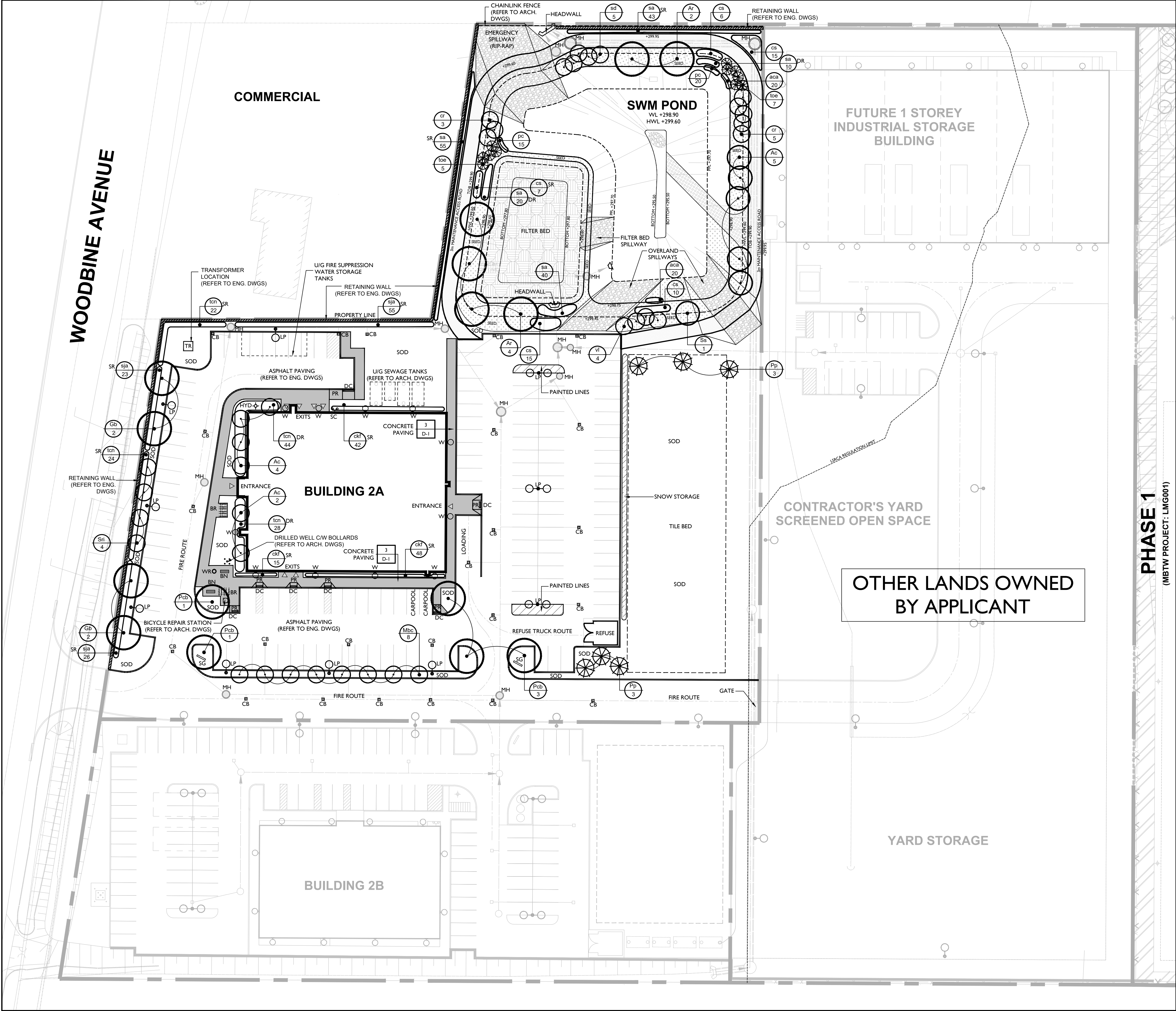
B SEED MIXTURES

1. NO HERBICIDES SHALL BE APPLIED WITHIN OR ADJACENT TO AREAS SUBJECT TO PLANTING.
2. REMOVE ALL EXISTING MANMADE AND DAMPED WOODY AND HERBACEOUS DEBRIS BY HAND FROM ALL PLANTING ZONES.
3. FINAL PLANTING LOCATIONS TO BE VERIFIED AND APPROVED BY THE LANDSCAPE ARCHITECT AND TOWN OF WHITCHURCH-STOUFFVILLE PRIOR TO PLANTING.
4. THE CONTRACTOR SHALL REMOVE ALL DEBRIS STANDING FOLLOWING ONE GROWING SEASON.
5. AT TIME OF INSPECTION FOR ACCEPTANCE ALL PLANTING AREAS SHALL BE CULTIVATED, FREE OF WEEDS, AND MAN-MADE DEBRIS.
6. ALL PLANT MATERIAL SHALL BE LOCALLY GROWN FROM SEED ORIGINATED IN SOUTHERN ONTARIO WITHIN A 200KM RADIUS OF THE SITE OR FROM OTHER APPROPRIATE SEED ZONES TO THE APPROVAL OF THE TCA.
7. ALL PLANT MATERIAL SHALL BE STOCKPILED IN SHADE AND KEPT WELL WATERED UNTIL PLANTING. ALL PLANTING TO BE WATERED ONCE A WEEK FOR THREE WEEKS FOLLOWING PLANTING.
8. FOR SLOPE PLANTING TAMP TOPSOIL MIX AROUND ROOT SYSTEM IN 150mm LAYERS.
9. PLANT MATERIAL SHALL BE SHAKED WITH COOL TARP PRIOR TO PLANTING.

C STANDARD PLANTING NOTES

GENERAL NOTES:	
1.	THE NOTES ON THIS SHEET APPLY TO ALL WORKS UNDER THIS CONTRACT UNLESS OTHERWISE NOTED ON THE PLAN AND PROFILE DRAWINGS AND / OR SPECIFIC DETAIL DRAWINGS.
2.	ALL MATERIALS ARE TO COMPLY WITH THE MANUFACTURER'S SPECIFICATIONS PER APPROVED PRODUCTS AS LISTED IN SCHEDULE 'C' OF THE TOWNS GUIDELINES.
3.	THE STANDARD DRAWINGS OF THE TOWN OF WHITCHURCH-STOUFFVILLE, ONTARIO PROVINCIAL STANDARD DRAWINGS (OSPD) CONSTITUTE PART OF THE PLANS OF THIS CONTRACT. OF PRECEDENCE OF STANDARD DRAWINGS IS FIRSTLY TOWN OF WHITCHURCH-STOUFFVILLE STANDARD DRAWINGS, AND SECONDLY ONTARIO PROVINCIAL STANDARD DRAWINGS.
4.	IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL RELEVANT STANDARD DRAWINGS AND SPECIFICATIONS AS REQUIRED FOR THIS CONTRACT.
5.	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHOWN ON THE ENGINEERING DRAWINGS ARE IN METRES OR MILLIMETRES.
6.	ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION AND ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
7.	EXISTING SERVICES AND UTILITIES SHOWN ON THESE CONTRACT DRAWINGS ARE BASED ON THE BEST INFORMATION AVAILABLE AND THEIR LOCATIONS ARE NOT GUARANTEED. THE CONTRACTOR SHALL INTERPRET THIS INFORMATION AS HE WISHES WITH THE UNDERSTANDING THAT THE OWNER DISCLAIMS RESPONSIBILITY FOR ITS ACCURACY AND / OR SUFFICIENCY.
8.	THE CONTRACTOR IS RESPONSIBLE TO ARRANGE FOR AND MAINTAIN ALL UTILITY STAKE-OUTS AND LOCATES.
9.	ALL PRIMARY HYDRO, STREET LIGHT CABLE, TELECOMMUNICATION CABLE, GAS LINES AND CABLE T.V. SHALL BE PLACED UNDERGROUND IN LOCATIONS SHOWN ON THE ROAD SECTIONS LISTED IN THE STANDARD DRAWINGS.
10.	ALL SLOPE CONTROL AND EROSION PROTECTION DEVICES ARE TO BE IN PLACE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE AND MAINTAINED BY ESTABLISHED GROWTH SUBJECT TO APPROVAL BY THE TOWN.
11.	NATIVE MATERIALS, SUITABLE FOR BACKFILL, SHALL BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
12.	GRANULAR MATERIAL, USED FOR BACKFILL, SHALL BE PLACED IN LAYERS 150mm IN DEPTH MAXIMUM AND COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY.
13.	ALL DISTURBED AREAS ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER, AS DETERMINED BY THE ENGINEER. ALL GRASS AND VEGETATION COVERED AREAS SHALL BE RESTORED BY PLACING A MINIMUM DEPTH OF 100mm AND A MAXIMUM DEPTH OF 250mm OF APPROVED TOPSOIL AND NO. 1 NURSERY SOD.
14.	ALL FENCING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN STANDARD DRAWINGS.
15.	THE STREET LIGHTING SYSTEM SHALL BE DESIGNED BY A QUALIFIED CONSULTING ENGINEER IN ACCORDANCE WITH THE ILLUMINANCE SOCIETY OF NORTH AMERICA (IESNA) LATEST EDITION STANDARDS AND APPROVED BY THE TOWN. STREET LIGHTING SYSTEMS FOR ROADWAYS IN THE TOWN OF WHITCHURCH-STOUFFVILLE SHALL MEET THE REQUIREMENTS OF HYDRO ONE.
16.	CONTRACTOR TO PROVIDE 48 HOUR NOTICE TO THE TOWN OF WHITCHURCH-STOUFFVILLE PRIOR TO COMMENCING ANY WORK ON THE SITE.
17.	ALL DESIGNS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REGION OF YORK STANDARDS WHICH MEET THE REQUIREMENTS OF THE ACCESSIBILITY OR ONTARIO WITH DISABILITIES ACT (AODA).

D GENERAL NOTES



Key Plan - N.T.S.

AURORA ROAD
WOODBINE AVENUE
SITE
FORTECON DRIVE
RAM FOREST ROAD
SLATERS ROAD

Legend

- APPROXIMATE LIMIT OF PHASE 2A
- CONCRETE PAVING
- PROPOSED DECIDUOUS TREES
- PROPOSED EVERGREEN TREES
- PROPOSED SHRUBS / AQUATIC PLANTING
- PROPOSED AREA OF SOD
- PROPOSED AREA OF SEED
- PROPOSED BENCH
- PROPOSED WASTE RECEPTACLE
- PROPOSED BICYCLE RACK (REFER TO ARCH. DWGS)
- BICYCLE REPAIR STATION (REFER TO ARCH. DWGS)
- CATCHBASIN (REFER TO ENG. DWGS)
- MANHOLE (REFER TO ENG. DWGS)
- PEDESTRIAN RAMP
- DEPRESSED CURB
- SINGLE ROW PLANTING ARRANGEMENT
- DOUBLE ROW PLANTING ARRANGEMENT / STAGGERED
- RETAINING WALL (REFER TO ENG. DWGS)
- AREA FOR SNOW STORAGE
- FIRE HYDRANT (REFER TO ARCH. DWGS)
- SIAMSE CONNECTION (REFER TO ARCH. DWGS)
- LIGHT POLE (REFER TO ELECTRICAL DWGS)
- WALL LIGHTS (REFER TO ELECTRICAL DWGS)
- BICYCLE REPAIR STATION (REFER TO ARCH. DWGS)
- SIGNAGE (REFER TO ARCH. DWGS)

BASE INFORMATION:

- SITE PLAN SUPPLIED BY KNYMH INC. PROJECT NO. 21054. RECEIVED MARCH 2, 2023. REISSUED MARCH 31, 2023.
- SITE GRADING AND SERVICES INFORMATION SUPPLIED BY SCHAEFFERS CONSULTING ENGINEERS. RECEIVED MARCH 10, 2023. REISSUED APRIL 3, 2023.
- ELECTRICAL INFORMATION SUPPLIED BY e-LIMEN. RECEIVED APRIL 4, 2023.

No	Date	Revisions	By
2.	04.05.23	Reissued for S.P. Review	EB
1.	03.20.23	Issued for S.P. Review	EB

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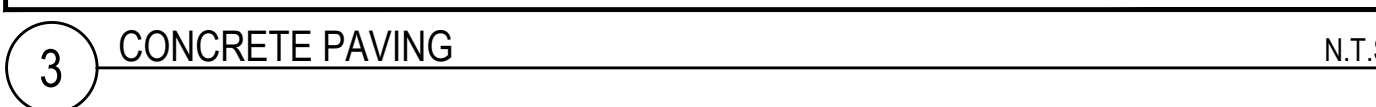
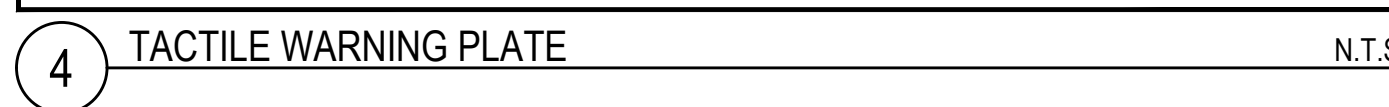
LIMEN (Operating Entity)
SCAL PROPERTIES LTD.
(Property Owner)

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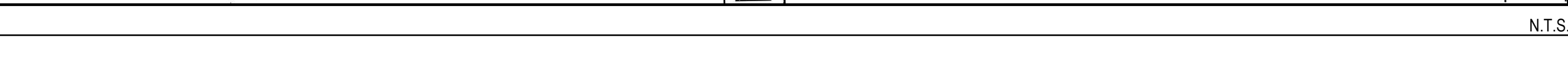
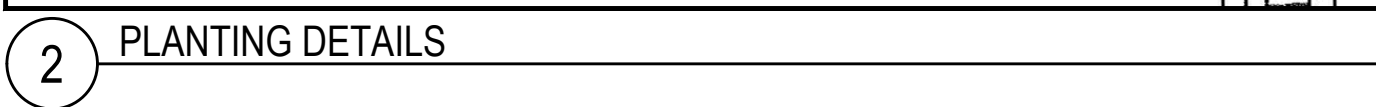
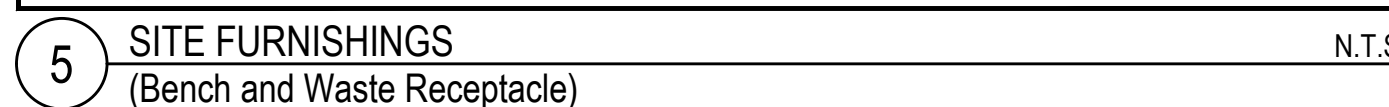
Project Name:
LIMEN HEAD OFFICE
BUILDING 2A
Municipality: Town of Whitchurch-Stouffville

Sheet Title:
Landscape Plan

Designed: EB	Drawn: CS	Scale: 1:400	Drawing No.: L-1
Date of Drawing: March 2023	Job No.: LMG002		Dwg 1 of 2



1	PLANT MATERIAL LIST	WB = Wire Basket
		B&B = Ball & Burlap



Designed EB	Drawn CS	Scale: As Shown	Drawing No.: D-1
Date of Drawing: March 2023		Job No.: LMG002	Dwg 2 of 2