

BARRHAVEN TOWN CENTRE



SITE PLAN
ISSUED FOR FIRST SUBMISSION

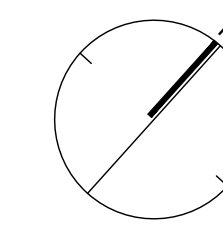
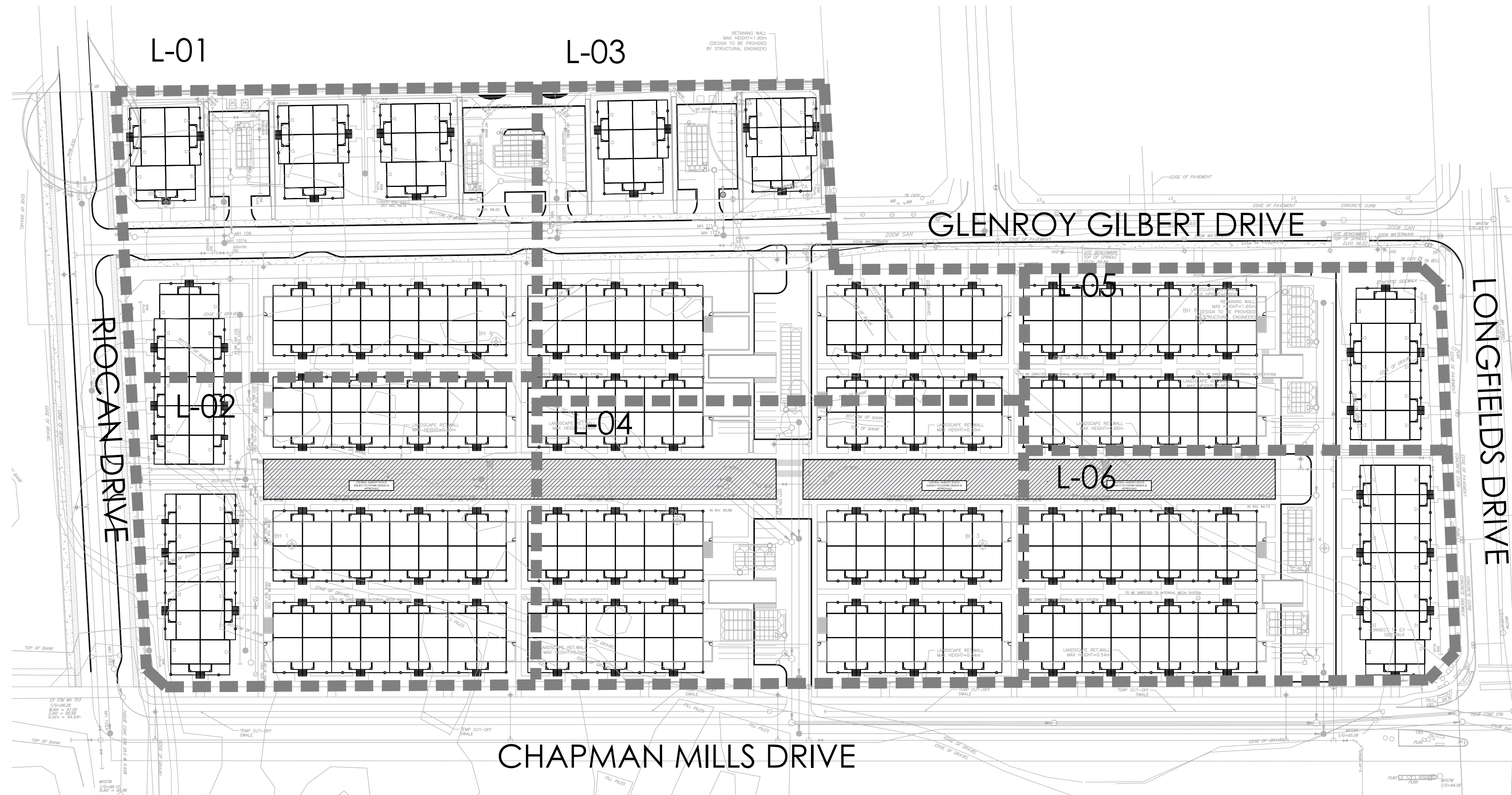
21-195
JUNE 30th, 2022

LIST OF DRAWINGS:

NAK	-	
L01	-	LANDSCAPE PLAN
L02	-	LANDSCAPE PLAN
L03	-	LANDSCAPE PLAN
L04	-	LANDSCAPE PLAN
L05	-	LANDSCAPE PLAN
L06	-	LANDSCAPE PLAN
L07	-	LANDSCAPE PLAN

DETAILS

D01	-	DETAILS
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KEYMAP
NTS

GENERAL NOTES:

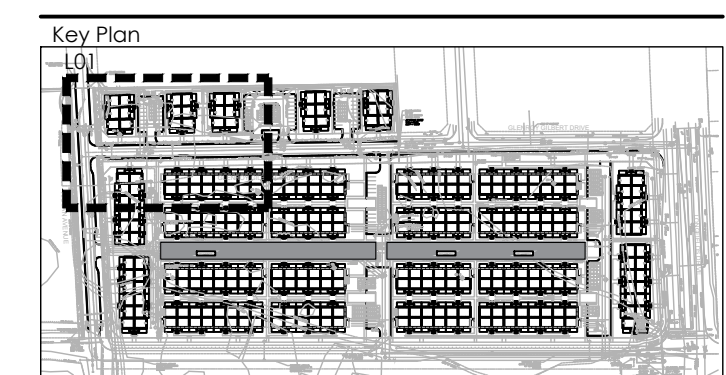
- ALL WORKS AND MATERIALS SHALL CONFORM TO THE LATEST REVISION OF THE STANDARDS AND SPECIFICATIONS FOR THE CITY OF OTTAWA, ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS), WHERE APPLICABLE. LOCAL UTILITY STANDARDS AND MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.
- THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE SITE AND ADJACENT WORK AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY SERVICES OR UTILITIES DISTURBED DURING CONSTRUCTION, TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION.
- ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY ENGINEER OF POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTOR'S EXPENSE.
- ANY AREAS BEYOND THE LIMIT OF THE SITE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AT THE CONTRACTOR'S EXPENSE.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 'OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS'. THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE 'CONTRACTOR' AS DEFINED IN THE ACT.
- ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE MINISTRY OF TRANSPORTATION OF ONTARIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES PER LATEST AMENDMENT.
- THE CONTRACTOR IS ADVISED THAT WORKS BY OTHERS MAY BE ONGOING DURING THE PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES TO PREVENT CONFLICTS.
- ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
- THERE WILL BE NO SUBSTITUTION OF MATERIALS UNLESS PRIOR WRITTEN APPROVAL IS RECEIVED FROM THE ENGINEER.
- ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT.
- ALL SEWERS CONSTRUCTED WITH GRADES LESS THAN 1.0% SHALL BE INSTALLED USING LASER ALIGNMENT AND CHECKED WITH LEVEL INSTRUMENT PRIOR TO BACKFILLING.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND TO BEAR THE COST OF THE SAME.

- THE CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL BEDDING, OR ADDITIONAL STRENGTH PIPE IF THE MAXIMUM TRENCH WIDTH AS SPECIFIED BY OPSD IS EXCEEDED.
- ALL PIPE / CULVERT SECTION SIZES REFER TO INSIDE DIMENSIONS.
- SHOULD DEEPLY BURIED ARCHAEOLOGICAL REMAINS BE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES, THE HERITAGE OPERATIONS UNIT OF THE ONTARIO MINISTRY OF CULTURE MUST BE NOTIFIED IMMEDIATELY.
- ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW WITH CONTRACT ADMINISTRATOR AND THE CITY OF OTTAWA PRIOR TO ANY TREE CUTTING / REMOVAL.
- DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SITE PLAN.
- THE CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER ONE SET OF AS CONSTRUCTED SITE SERVICING AND GRADING DRAWINGS.
- BENCHMARKS: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE SITE BENCHMARK(S) HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION DEPICTED ON THIS PLAN.

GRADING NOTES:

- PRIOR TO THE COMMENCEMENT OF THE SITE GRADING WORKS, ALL SILTATION CONTROL DEVICES SHALL BE INSTALLED AND OPERATIONAL PER EROSION CONTROL PLAN.
- ASPHALT SIDEWALK SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD SC20. ALL CURBS, CONCRETE ISLANDS, AND SIDEWALKS SHOWN ON THIS DRAWING ARE TO BE PRICED IN THE SITE WORKS PORTION OF THE CONTRACT.
- PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH THE CITY OF OTTAWA STD. R10 AND OPSD S09.010, AND OPSS 310.
- SUB-EXCAVATE SOFT AREAS AND FILL WITH GRANULAR 'B' COMPACTED IN MAXIMUM 300mm LIFTS.
- ALL WORK ON THE MUNICIPAL RIGHT OF WAY AND EASEMENTS TO BE INSPECTED BY THE MUNICIPALITY PRIOR TO BACKFILLING.
- REFER TO SITE PLAN FOR DIMENSIONS AND SITE DETAILS.
- STEP JOINTS ARE TO BE USED WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT. ALL JOINTS MUST BE SEALED.

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LEGEND

----- PROPERTY LINE
 - - - - - LOW TO MED. SENSITIVE SOILS BOUNDARY
 - - - - - DECORATIVE FENCE

PLANTING

+ DECIDUOUS STREET TREE
 ○ MEDIUM DECIDUOUS TREE
 ○ LARGE MULTI-STEM SHRUB
 ○ DECIDUOUS SHRUB
 ○ CONIFEROUS SHRUB
 ○ PERENNIALS & ORNAMENTAL GRASSES
 ○ GROUND COVER
 ○ SOD

SURFACING

□ RIVER STONE
 □ UNIT PAVERS LIGHT DUTY PAVING
 □ CIP CONCRETE LIGHT DUTY PAVING
 □ ASPHALT LIGHT DUTY PAVING

AMENITIES

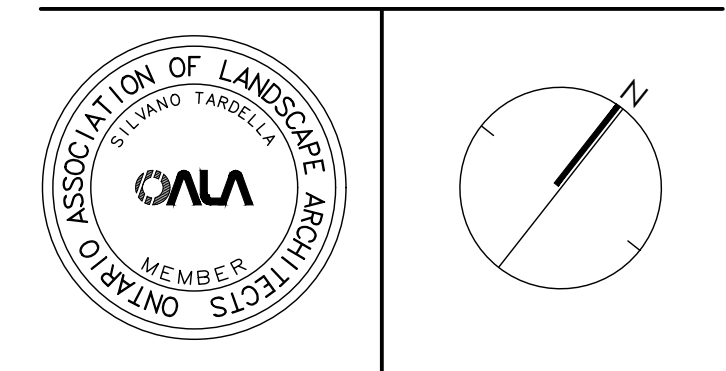
□ ACCESSIBLE BENCH
 ○ GRANITE SEATING BOULDERS
 ○ CONTEMPORARY TRELLIS
 ○ WASTE RECEPTACLE

DETAIL KEY

○ D1 DETAIL NO.
 ○ D1 SHEET NO.

Revision	Description	Date
3	ISSUED FOR FIRST SUBMISSION	JUNE 30/22
2	ISSUED FOR CLIENT REVIEW	JUN 10/22
1	ISSUED FOR CLIENT REVIEW	MAY 16/22

City Approval Stamp



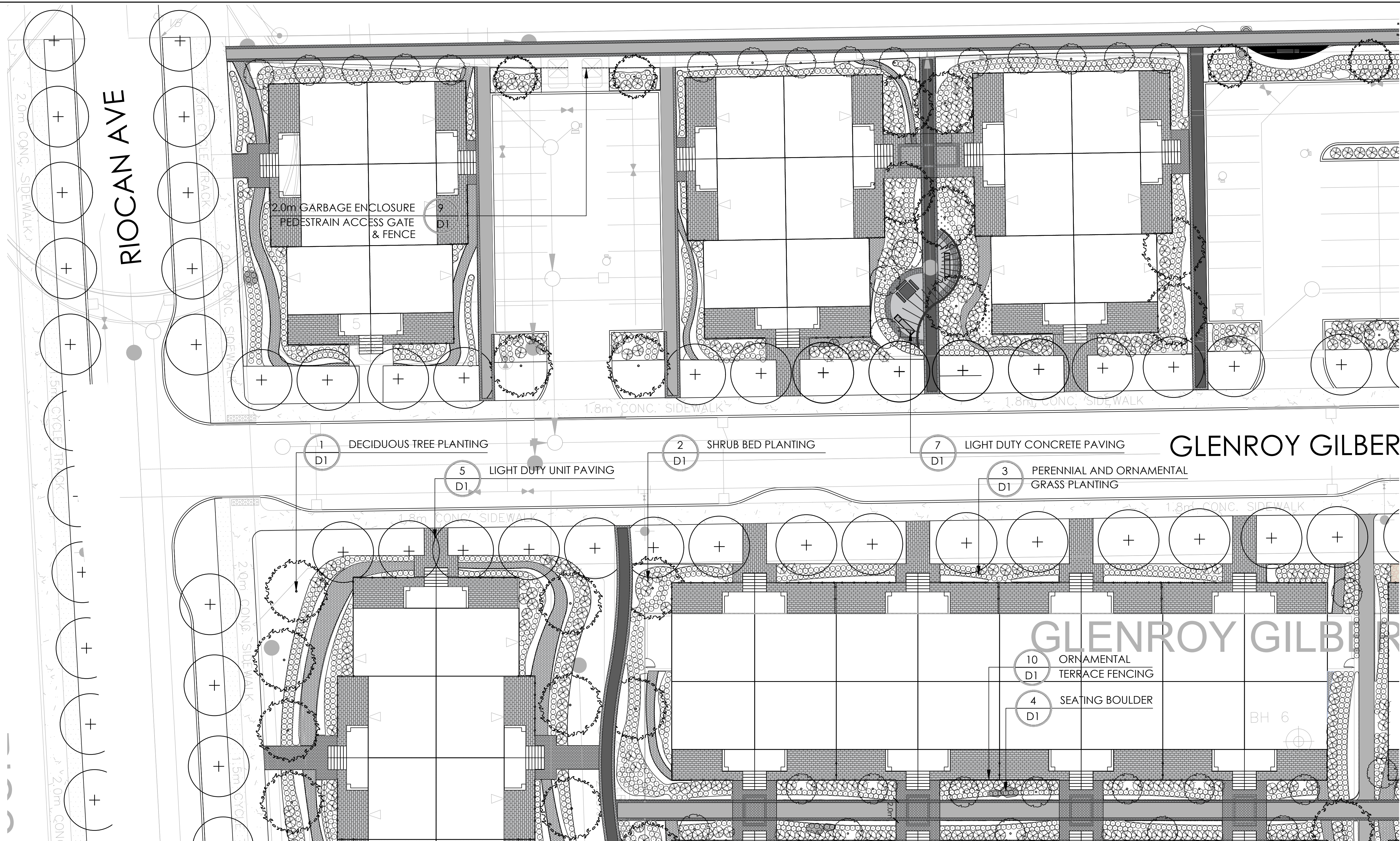
NAK design strategies
 1285 WELLINGTON STREET WEST, OTTAWA, ON K1Y 3A8 CANADA
 T 613.237.2345 F 613.237.6423 OTTAWA@NAK-DESIGN.COM

BARRHAVEN TOWN CENTRE

Title: LANDSCAPE PLAN

Date: JUNE 2022
 Scale: 1:200
 Drawn: TY
 Checked: MK
 Job No.: 21-195

Sheet: L-01



- PLANTING NOTES:**
- CONTRACTOR TO VERIFY LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION.
 - LOCATIONS OF ALL PLANT MATERIALS TO BE STAKED BY THE CONTRACTOR AND VERIFIED IN THE FIELD BY LANDSCAPE ARCHITECT PRIOR TO THE EXCAVATION OF PITS.
 - ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK UNLESS OTHERWISE NOTED.
 - DECIDUOUS TREES TO HAVE A MINIMUM 1800 CLEAR STEM ABOVE GRADE.
 - ALL PLANT MATERIAL SHALL BE WARRANTIED FOR TWO YEARS FROM THE DATE OF PERFORMANCE ACCEPTANCE AS DETERMINED BY THE LANDSCAPE ARCHITECT.
 - ALL STEEL T-BARS TO BE REMOVED AT THE ONE YEAR INTERIM INSPECTION UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.
 - CONTRACTOR TO MAKE GOOD ALL EXISTING AREAS DAMAGED BY HIS WORK TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.
 - PERIODIC REVIEWS OF PLANTING SHALL BE CARRIED OUT BY THE LANDSCAPE ARCHITECT.
 - ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE AND ONLY AFTER APPROVAL OF THE LANDSCAPE ARCHITECT.

- SOD NOTES:**
- SODDED AREAS SHALL HAVE A MINIMUM 150mm TOPSOIL.
 - FIRM THE SOIL BY GENTLY TAMPING OR ROLLING THE TOPSOIL. DO NOT COMPACT THE SOIL. EXCESSIVE FORCE WILL DESTROY THE SOIL STRUCTURE AND INHIBIT GERMINATION.
 - CUT THE GRASS TO 50mm WHENEVER IT REACHES THE HEIGHT OF 70mm. REMOVE CLIPPINGS THAT WILL SMOOTHER GRASS.
 - SODDED AREAS WILL BE ACCEPTED BY THE PROJECT MANAGER FOLLOWING PERFORMANCE ACCEPTANCE, PROVIDED:
 - SEEDED AREAS ARE PROPERLY ESTABLISHED.
 - TURF IS FREE OF DEAD SPOTS AND WEEDS.
 - NO SURFACE SOIL IS VISIBLE WHEN GRASS HAS BEEN CUT TO A HEIGHT OF 50mm
 - TURF AREAS HAVE BEEN CUT NO LESS THAN TWICE, THE LAST CUT BEING CARRIED OUT WITHIN 24 HOURS PRIOR TO THE ACCEPTANCE INSPECTION.

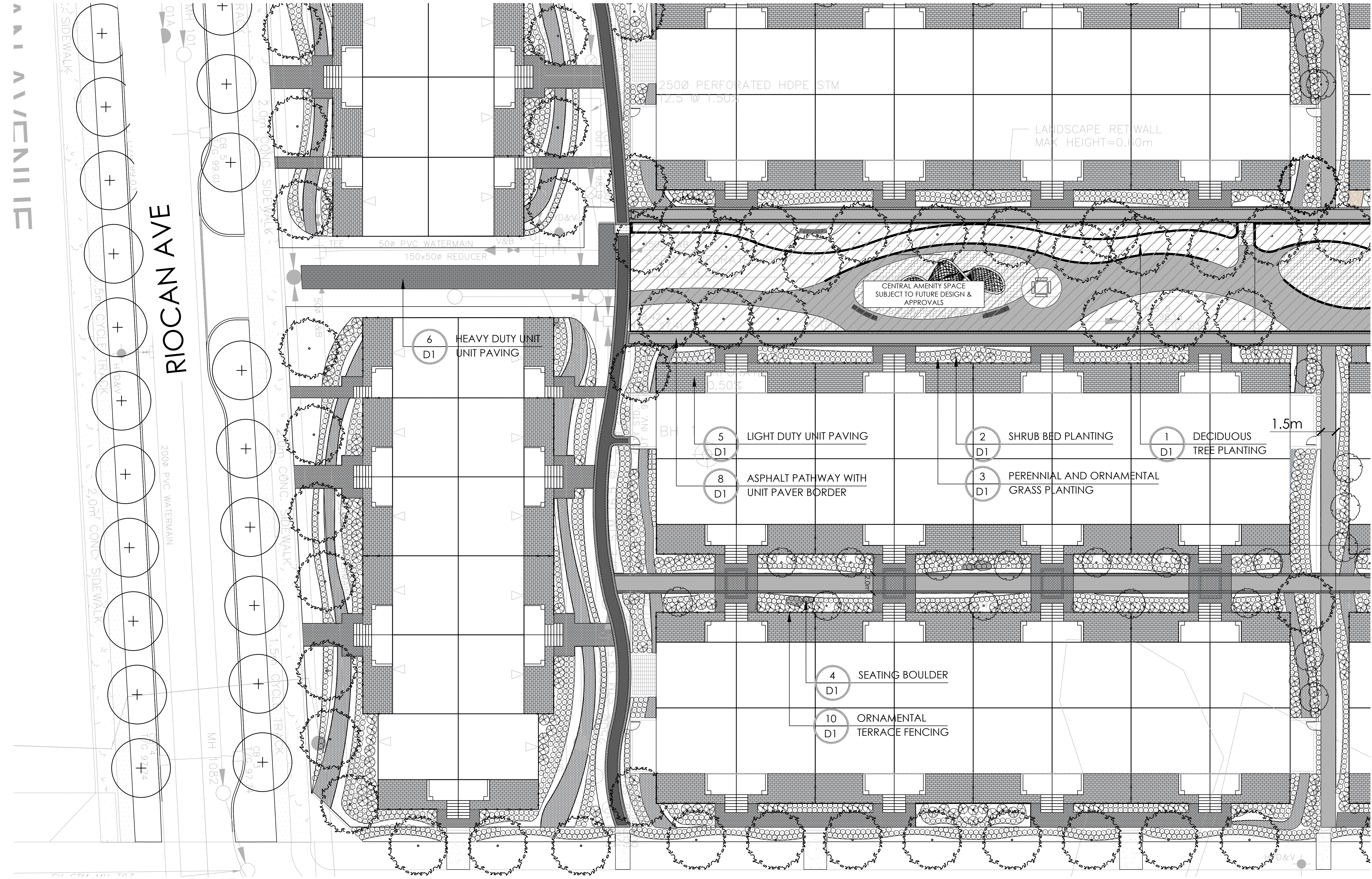
PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	CAL/HT. (mm)	ROOT			
LARGE DECIDUOUS TREES (15-30m)							
AC	ACER RUBRUM	RED MAPLE	40	B&B			
GS	GLEDITSIA TRIACANTHOS VAR. INERMIS	HONEYLOCUST	40	B&B			
QR	QUERCUS RUBRA	RED OAK	60	B&B			
MEDIUM DECIDUOUS TREES (7.5m-14m)							
AR	ACER X FREEMANNI 'ARMSTRONG'	AMSTRONG MAPLE	40	B&B			
PA	PRUNUS CALLERYANA 'CAPITAL'	CAPITAL PEAR	40	B&B			
QF	QUERCUS ROBUR 'FASTIGIATA'	MOUNTAIN-ASH	40	B&B			
SH	SORBUS X HYBRIDA	MONGOLIAN LINDEN	60	B&B			
TM	TILIA MONGOLICA		60	B&B			
TREEFORM SHRUBS							
Cs	CORNUS ALTERNIFOLIA	PAGODA DOGWOOD	40	B&B			
Ck	CORNUS KOUSA 'SATOMI'	SATOMI FLOWERING DOGWOOD	175cm	TREEFORM			
Ea	EUONYMUS ALATUS 'COMPACTUS'	DWARF BURNING BUSH	150cm	TREEFORM			
Pc	PRUNUS X CISTENA	PURPLE-LEAF SAND CHERRY	175cm	TREEFORM			
CONIFEROUS TREES							
Pf	PICEA FURGENS 'AVATAR'	AVATAR BLUE SPRUCE	500cm	B&B			
Ps	PINUS STROBUS	WHITE PINE	500cm	B&B			
DECIDUOUS SHRUBS							
Cs	CORNUS SERICEA 'FARROW'	ARCTIC FIRE DOGWOOD	175cm	3 GAL.			
Ef	EUONYMUS ALATUS 'FIREBALL'	FIREBALL BURNING BUSH	175cm	3 GAL.			
Po	PHYSCARRUS OPULIFOLIUS 'DIABOLO'	DIABOLO HIBERNAR	175cm	3 GAL.			
Pv	PHILADELPHUS X VIRGINIALIS	MOCK ORANGE	175cm	3 GAL.			
CONIFEROUS SHRUBS							
Pm	PINUS MUGO VAR. PUMILIO	DWARF MUGO VAR. PUMILIO	125cm	3 GAL.			
GRASSES							
cm	CAREX MORROWII 'ICE DANCE'	ICE DANCE SEDGE	30cm	1 GAL.			
ca	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER REED GRASS	150cm	1 GAL.			
dc	DISCHAMPRIA CESPITOSA	TUFFED HAIR GRASS	100cm	1 GAL.			
mc	MOLINIA CAERULEA 'VARIEGATA'	VARIEGATED PURPLE MOOR GRASS	70cm	1 GAL.			
PERENNIALS							
am	ALLIUM X MILLENIUM'	ORNAMENTAL ONION	50cm	1 GAL.			
as	ASTER NOVAE-ANGLIAE 'PURPLE DOME'	NEW ENGLAND ASTER	50cm	1 GAL.			
rd	RUDIBECKIA HIRTA	BLACK-EYED SUSAN	60cm	1 GAL.			
ha	HOSTA 'AUGUST MOON'	AUGUST MOON HOSTA	45cm	1 GAL.			
hs	HOSTA 'HOSTA SILVER BAY'	SILVER BAY HOSTA	40cm	1 GAL.			
hg	HOSTA 'GREAT ARRIVAL'	GREAT ARRIVAL	65cm	1 GAL.			
sm	SEDUM 'MAESTRO'	MAESTRO STONECROP	60cm	1 GAL.			
GROUNDCOVERS							
Au	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY	30cm	1 GAL.			
Jh	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER	200cm	1 GAL.			

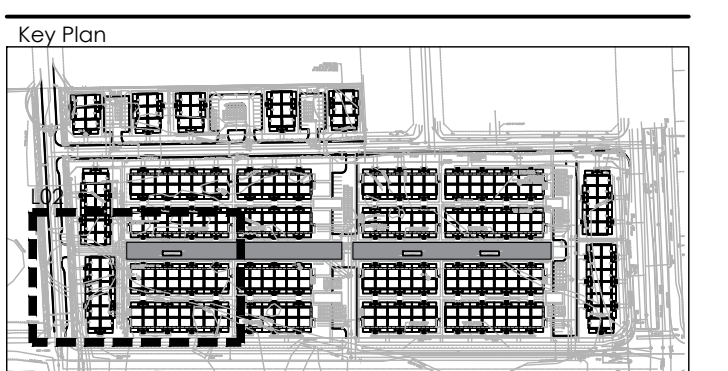
- SHRUB NOTES:**
- PLACE THE SHRUB AS UPRIGHT AS POSSIBLE, INCLUDING ON SLOPES.
 - PLANT SHRUBS AT THE PROPER DEPTH AS INDICATED ON THE DRAWINGS.
 - PACK THE SOIL WELL AROUND THE PLANT BASE TO REMOVE AIR POCKETS, BUT DO NOT COMPACT SOIL. PRESS SOIL GENTLY BUT FIRMLY TO PREVENT SHOCKING THE ROOTS.
 - PLACE SPECIES ACCORDING TO THE QUANTITIES AND SPACING AS INDICATED ON THE DRAWINGS.
 - PLANT SHRUBS AT THE PROPER DEPTH THE ROOT COLLARS SHOULD BE AT GROUND LEVEL.
 - MULCH THE SOIL SURFACE AS INDICATED ON DRAWINGS.
 - WATER PLANTS THOROUGHLY FOLLOWING PLANTING.
 - REFER TO SPECIFICATIONS FOR MAINTENANCE REQUIREMENTS.

AVENUE

RIOCAN AVE



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LEGEND

----- PROPERTY LINE
 - - - - - LOW TO MED. SENSITIVE SOILS BOUNDARY
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PLANTING

+ DECIDUOUS STREET TREE
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SURFACING

○ RIVER STONE
 ○ UNIT PAVERS LIGHT DUTY PAVING
 ○ CHIP CONCRETE LIGHT DUTY PAVING
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AMENITIES

○ ACCESSIBLE BENCH
 ○ GRANITE SEATING BOULDERS
 ○ CONTEMPORARY TRELLIS
 ○ WASTE RECEPTACLE

DETAIL KEY

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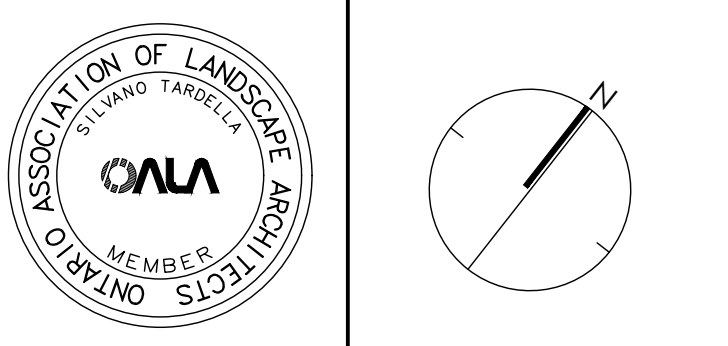
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QR	QUERCUS RUBRA	RED OAK	60	B&B
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AR	ACER X FREEMANNI 'ARMSTRONG'	AMSTRONG MAPLE	60	B&B
PA	PYRUS CALLERYANA 'CAPITAL'	CAPITAL PEAR	60	B&B
QF	QUERCUS ROBUR 'FASTIGIATA'	PYRAMIDAL ENGLISH OAK	60	B&B
SH	SORBUS X HYBRIDA	MOUNTAINASH	60	B&B
TM	TILIA MONGOLICA	MONGOLIAN LINDEN	60	B&B
TREEFORM SHRUBS				
Ca	CORNUS ALTERNIFOLIA	PAGODA DOGWOOD	40	B&B
Ck	CORNUS KOUSA 'SAICHI'	SATOCHI FLOWERING DOGWOOD	175cm	TREEFORM
Ed	EUCONYMUS ALATUS 'COMPACTUS'	DWARF BURNING BUSH	150cm	TREEFORM
Pc	PRUNUS X CISTENA	PURPLE-LEAF SAND CHERRY	175cm	TREEFORM
CONIFEROUS TREES				
PP	PICEA PUNGENS 'AVATAR'	AVATAR BLUE SPRUCE	500cm	B&B
PS	PINUS STROBUS	WHITE PINE	500cm	B&B

DECIDUOUS SHRUBS				
CS	CORNUS SERICEA 'FARROW'	ARCTIC FIRE DOGWOOD	175cm	3 GAL.
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NAK design strategies

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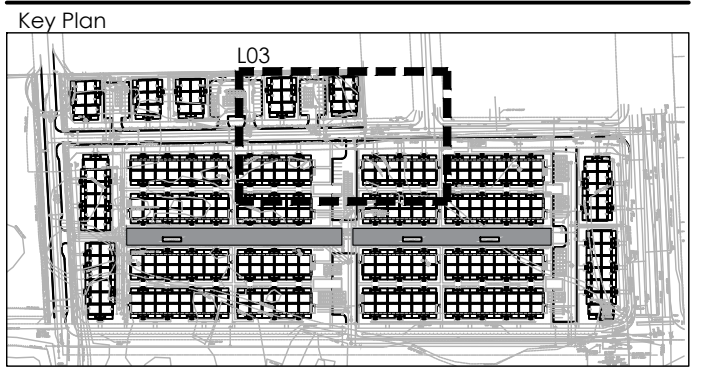
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 LANDSCAPE PLAN

Date: JUNE 2022
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 L-02

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AMENITIES

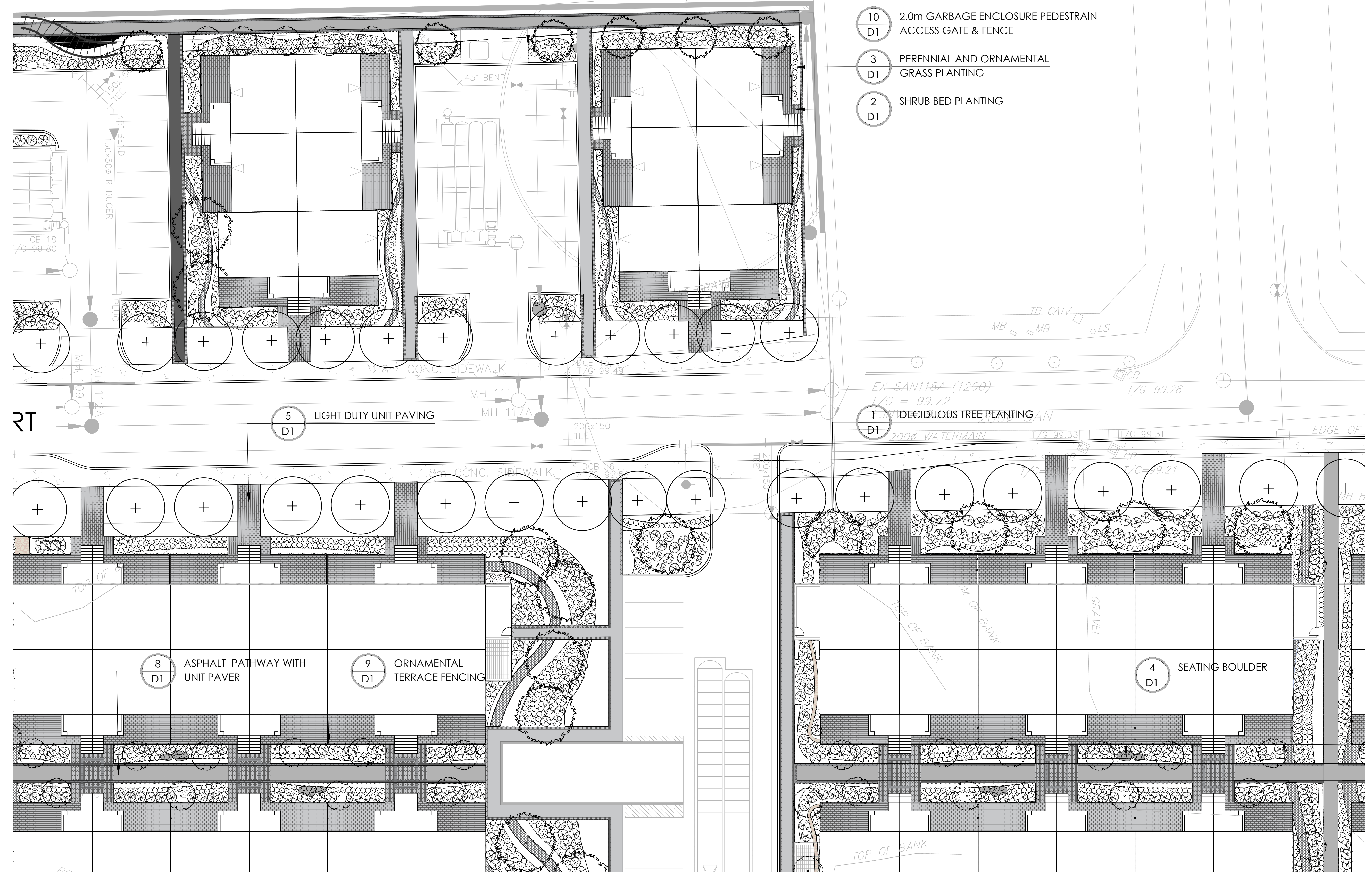
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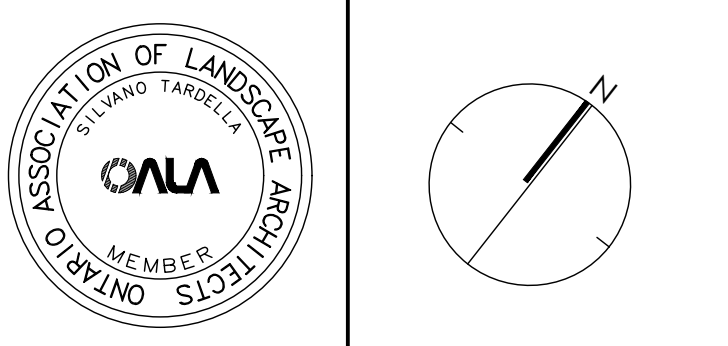
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hg	HOSTA 'GREAT ARRIVAL'	GREAT ARRIVAL	65cm	1 GAL.
sm	SEDUM 'MAESTRO'	MAESTRO STONECROP	60cm	1 GAL.
GROUNDCOVERS				
Au	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY	30cm	1 GAL.
Jh	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER	200cm	1 GAL.



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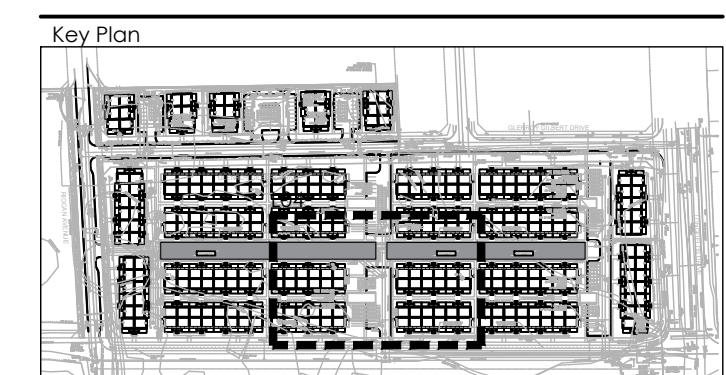
BARRHAVEN TOWN CENTRE
 minto Communities

Title
 LANDSCAPE PLAN

Date	JUNE 2022	Sheet	
Scale	1:200		
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Checked	MK		
Job No.	21-195		

L-03

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LEGEND

PROPERTY LINE
 LOW TO MED. SENSITIVE SOILS BOUNDARY
 DECORATIVE FENCE

PLANTING

- DECIDUOUS STREET TREE
- MEDIUM DECIDUOUS TREE
- LARGE MULTI-STEM SHRUB
- DECIDUOUS SHRUB
- CONIFEROUS SHRUB
- PERENNIALS & ORNAMENTAL GRASSES
- GROUNDCOVER
- SOD

SURFACING

- RIVER STONE
- UNIT PAVERS LIGHT DUTY PAVING
- CIP CONCRETE LIGHT DUTY PAVING
- ASPHALT LIGHT DUTY PAVING

AMENITIES

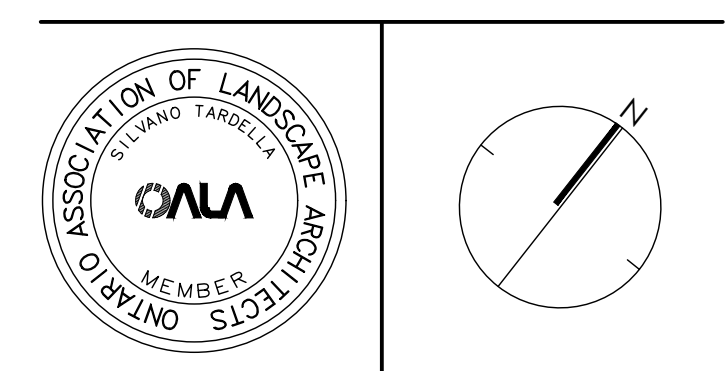
- ACCESSIBLE BENCH
- GRANITE SEATING BOULDERS
- CONTEMPORARY TRELLIS
- WASTE RECEPTACLE

DETAIL KEY

- DETAIL NO.
- SHEET NO.

Revision	Description	Date
3	ISSUED FOR FIRST SUBMISSION	JUNE 30/22
2	ISSUED FOR CLIENT REVIEW	JUN 10/22
1	ISSUED FOR CLIENT REVIEW	MAY 16/22

City Approval Stamp



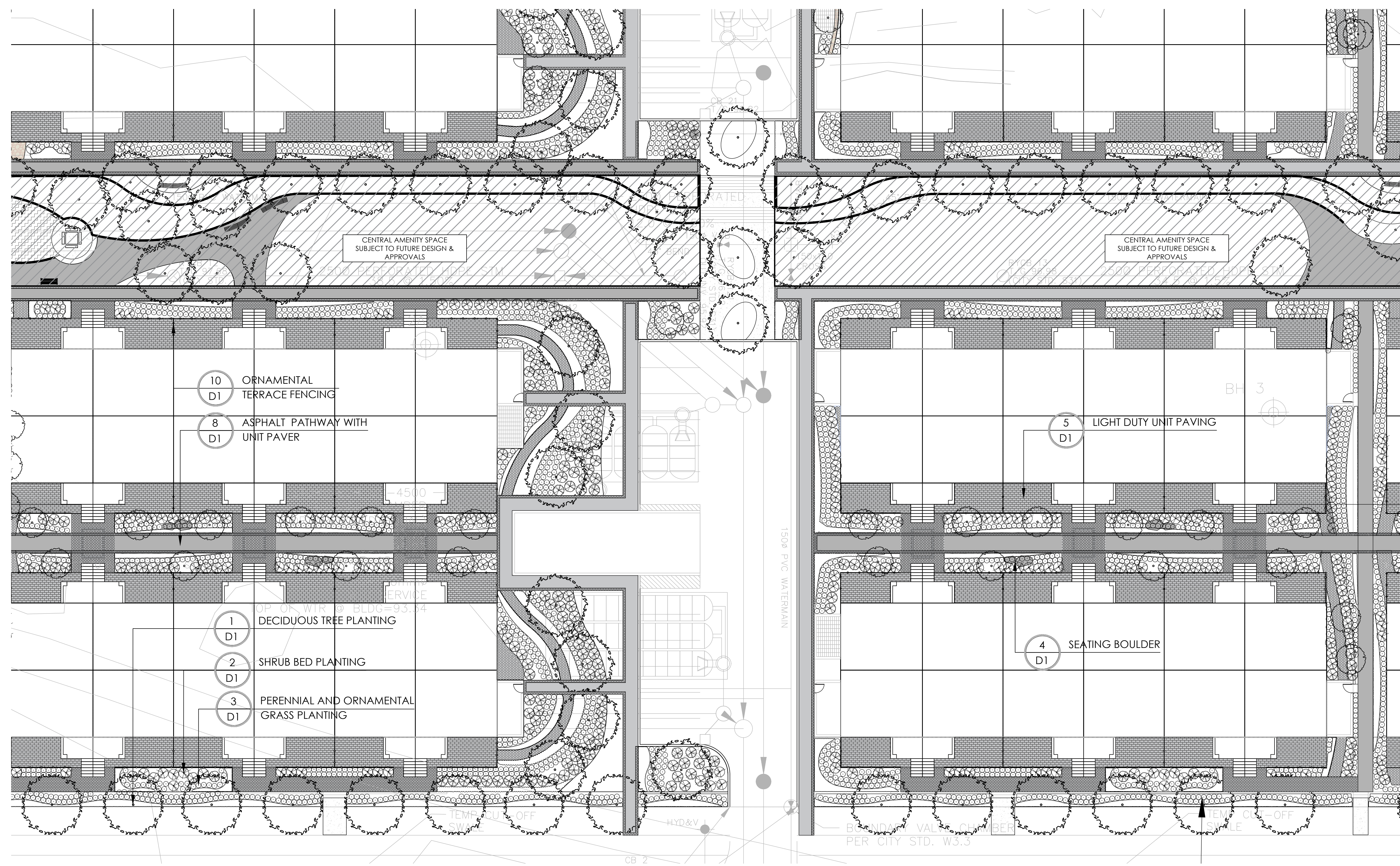
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BARRHAVEN TOWN CENTRE
 minto Communities

Title: LANDSCAPE PLAN

Date: JUNE 2022
 Scale: 1:200
 Drawn: TY
 Checked: MK
 Job No.: 21-195

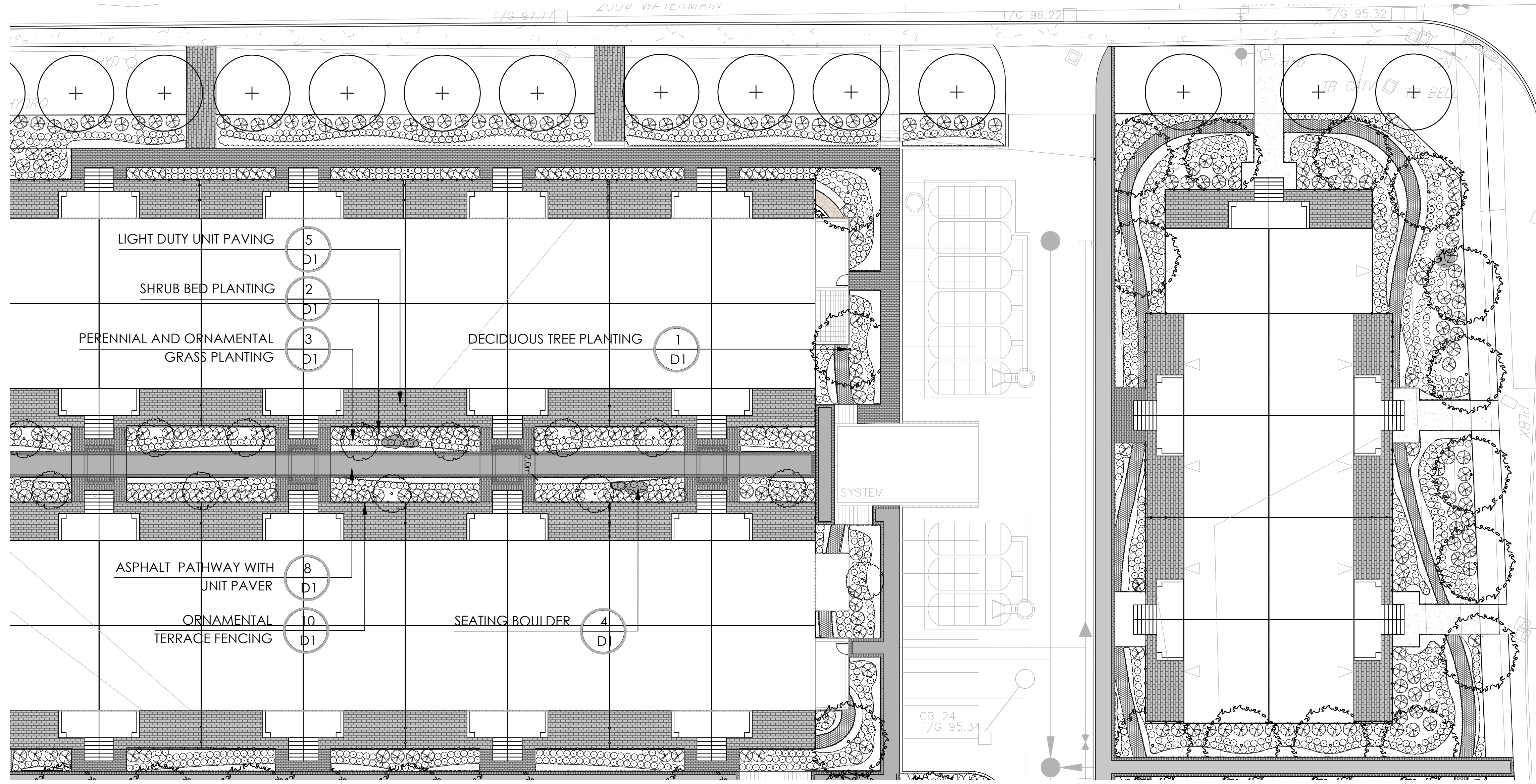
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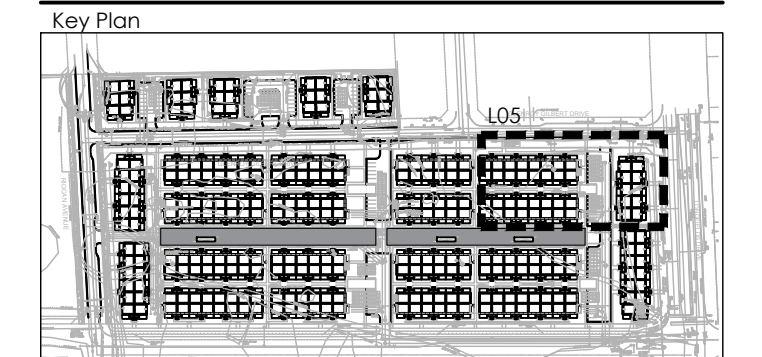
PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	CAL/HT. (mm)	ROOT
LARGE DECIDUOUS TREES (15-30m)				
AC	ACER RUBRUM	RED MAPLE	60	B&B
GS	GLEDITSIA TRIACANTHOS VAR. INERMIS	HONEYLOCUST	60	B&B
QR	QUERCUS RUBRA	RED OAK	60	B&B
MEDIUM DECIDUOUS TREES (7.5m-14m)				
AR	ACER X FREEMANI 'ARMSTRONG'	AMSTRONG MAPLE	60	B&B
PA	PYRUS CALLERYANA 'CAPITAL'	CAPITAL PEAR	60	B&B
QF	QUERCUS ROBUR 'FASTIGIATA'	PYRAMIDAL ENGLISH OAK	60	B&B
SH	SORBUS X HYBRIDA	MOUNTAIN-ASH	60	B&B
TM	TILIA MONGOLICA	MONGOLIAN LINDEN	60	B&B
TREEFORM SHRUBS				
Ca	CORNUS ALTERNIFOLIA	PAGODA DOGWOOD	40	B&B
Ck	CORNUS KOUSA 'SATOHI'	SATOHI FLOWERING DOGWOOD	175cm	TREEFORM
Ed	EUCHYMIUS ALATUS 'COMPACTUS'	DWARF BURNING BUSH	150cm	TREEFORM
Pc	PRUNUS X CISTENA	PURPLE-LEAF SAND CHERRY	175cm	TREEFORM
CONIFEROUS TREES				
PP	PICEA PUNGENS 'AVATAR'	AVATAR BLUE SPRUCE	500cm	B&B
PS	PINUS STROBUS	WHITE PINE	500cm	B&B
DECIDUOUS SHRUBS				
Cs	CORNUS SERICEA 'FARROW'	ARCTIC FIRE DOGWOOD	175cm	3 GAL.
Ef	EUONYMUS ALATUS 'FIREBALL'	FIREBALL BURNING BUSH	175cm	3 GAL.
Po	PHYSCARPUS OPULEFOLIUS 'DIABOLO'	DIABOLO NINEBARK	175cm	3 GAL.
Pv	PHILADELPHUS X VIRGINIALIS	MOCK ORANGE	175cm	3 GAL.

CONIFEROUS SHRUBS				
Pm	PINUS MUGO VAR. PUMILIO	DWARF MUGO VAR. PUMILIO	125cm	3 GAL.
GRASSES				
cm	CAREX MORROWII 'ICE DANCE'	ICE DANCE SEDGE	30cm	1 GAL.
co	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER REED GRASS	150cm	1 GAL.
dc	DESCHAMPSIA CESPITOSA	TUFFED HAIR GRASS	100cm	1 GAL.
mc	MOLINIA CAERULEA 'VARIEGATA'	VARIEGATED PURPLE MOOR GRASS	70cm	1 GAL.
PERENNIALS				
om	ALLIUM X 'MILLENIUM'	ORNAMENTAL ONION	50cm	1 GAL.
os	ASTER NOVAE-ANGLIAE 'PURPLE DOME'	NEW ENGLAND ASTER	50cm	1 GAL.
rd	RUDBECKIA HIRTA	BLACK-EYED SUSAN	60cm	1 GAL.
ha	HOSTA 'AUGUST MOON'	AUGUST MOON HOSTA	45cm	1 GAL.
hs	HOSTA 'SILVER BAY'	SILVER BAY HOSTA	40cm	1 GAL.
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Jh	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER	200cm	1 GAL.



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LEGEND

----- PROPERTY LINE
 - - - - - LOW TO MED. SENSITIVE SOILS BOUNDARY
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PLANTING

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 • MEDIUM DECIDUOUS TREE
 • LARGE MULTI-STEM SHRUB
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AMENITIES

▨ ACCESSIBLE BENCH
 ○ GRANITE SEATING BOULDERS
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DETAIL KEY

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 DT - SHEET NO.

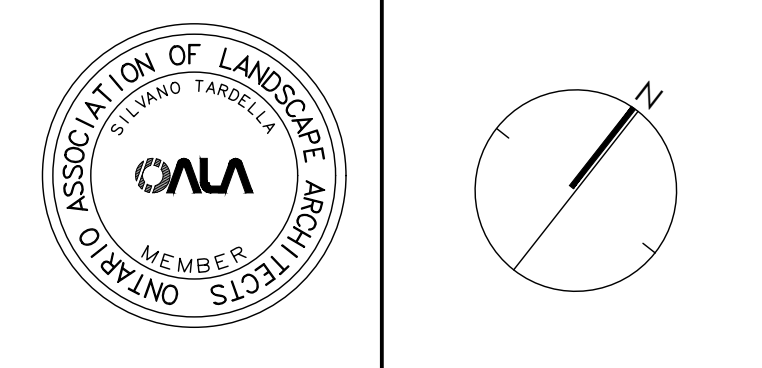
PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	CAL/HT.	ROOT (mm)
LARGE DECIDUOUS TREES (1.5-30m)				
AC	ACER RUBRUM	RED MAPLE	40	8.8
CS	CLETHRA TRICANTHOS VAR. INERMIS	HONEYLOCUST	60	8.8
QR	QUERCUS RUBRA	RED OAK	60	8.8
MEDIUM DECIDUOUS TREES (7.5m-14m)				
AR	ACER X FREEMANNI 'ARMSTRONG'	ARMSTRONG MAPLE	60	8.8
PA	PIRUS CALLERYANA 'CAPITAL'	CAPITAL PEAR	60	8.8
QF	QUERCUS ROBUR 'FASTIGIATA'	PYRAMIDAL ENGLISH OAK	60	8.8
SH	SORBUS X HYBRIDA	MOUNTAIN-ASH	60	8.8
TM	TILIA MONGOLICA	MONGOLIAN LINDEN	60	8.8
TREEFORM SHRUBS				
Ca	CORNUS ALTERNIFOLIA	PAGODA DOGWOOD	40	8.8
Cx	CORNUS KOUSA 'SATOMI'	SATOMI FLOWERING DOGWOOD	175cm	TREEFORM
Eo	EUCONYMUS ALATUS 'COMPACTUS'	DWARF BURNING BUSH	150cm	TREEFORM
Pc	PRUNUS X CISTENA	PURPLE-LEAF SAND CHERRY	175cm	TREEFORM
CONIFEROUS TREES				
PF	PICEA FUNGENS 'AVATAR'	AVATAR BLUE SPRUCE	500cm	8.8
PS	PINUS STROBUS	WHITE PINE	500cm	8.8
DECIDUOUS SHRUBS				
Cs	CORNUS SERICEA 'FARROW'	ARCTIC FIRE DOGWOOD	175cm	3 GAL.
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Pm	PINUS MUGO VAR. PUMILIO	DWARF MUGO VAR. PUMILIO	125cm	3 GAL.
GRASSES				
cm	CAREX MORROWII 'ICE DANCE'	ICE DANCE SEDGE	30cm	1 GAL.
ca	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER REED GRASS	150cm	1 GAL.
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mc	MOLINIA CAERULEA 'VAREGATA'	VAREGATED PURPLE MOOR GRASS	70cm	1 GAL.
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as	ASTER NOVAE-ANGLIAE 'PURPLE DOME'	NEW ENGLAND ASTER	50cm	1 GAL.
rd	RUDBECKIA HIBTA	BLACK-EYED SUSAN	40cm	1 GAL.
ha	HOSTA 'AUGUST MOON'	AUGUST MOON HOSTA	45cm	1 GAL.
hs	HOSTA 'HOSTA SILVER BAY'	SILVER BAY HOSTA	40cm	1 GAL.
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Au	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY	30cm	1 GAL.
Jh	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER	200cm	1 GAL.

- PLANTING NOTES:**
- CONTRACTOR TO VERIFY LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION.
 - LOCATIONS OF ALL PLANT MATERIALS TO BE STAKED BY THE CONTRACTOR AND VERIFIED IN THE FIELD BY LANDSCAPE ARCHITECT PRIOR TO THE EXCAVATION OF PITS.
 - ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK UNLESS OTHERWISE NOTED.
 - DECIDUOUS TREES TO HAVE A MINIMUM 1800 CLEAR STEM ABOVE GRADE.
 - ALL PLANT MATERIAL SHALL BE WARRANTED FOR TWO YEARS FROM THE DATE OF PERFORMANCE ACCEPTANCE AS DETERMINED BY THE LANDSCAPE ARCHITECT.
 - ALL STEEL T-BARS TO BE REMOVED AT THE ONE YEAR INTERIM INSPECTION UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.
 - CONTRACTOR TO MAKE GOOD ALL EXISTING AREAS DAMAGED BY HIS WORK TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.
 - PERIODIC REVIEWS OF PLANTING SHALL BE CARRIED OUT BY THE LANDSCAPE ARCHITECT.
 - ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE AND ONLY AFTER APPROVAL OF THE LANDSCAPE ARCHITECT.
- SHRUB NOTES:**
- PLACE THE SHRUB AS UPRIGHT AS POSSIBLE, INCLUDING ON SLOPES.
 - PLANT SHRUBS AT THE PROPER DEPTH AS INDICATED ON THE DRAWINGS.
 - PACK THE SOIL WELL AROUND THE PLANT BASE TO REMOVE AIR POCKETS, BUT DO NOT COMPACT SOIL. PRESS SOIL GENTLY BUT FIRMLY TO PREVENT SHOCKING THE ROOTS.
 - PLACE SPECIES ACCORDING TO THE QUANTITIES AND SPACING AS INDICATED ON THE DRAWINGS.
 - PLANT SHRUBS AT THE PROPER DEPTH THE ROOT COLLARS SHOULD BE AT GROUND LEVEL.
 - MULCH THE SOIL SURFACE AS INDICATED ON DRAWINGS.
 - WATER PLANTS THOROUGHLY FOLLOWING PLANTING.
 - REFER TO SPECIFICATIONS FOR MAINTENANCE REQUIREMENTS.
- SOD NOTES:**
- SODDED AREAS SHALL HAVE A MINIMUM 150mm TOPSOIL.
 - FIRM THE SOIL BY GENTLY TAMPING OR ROLLING THE TOPSOIL. DO NOT COMPACT THE SOIL. EXCESSIVE FORCE WILL DESTROY THE SOIL STRUCTURE AND INHIBIT GERMINATION.
 - CUT THE GRASS TO 50mm WHENEVER IT REACHES THE HEIGHT OF 70mm. REMOVE CLIPPINGS THAT WILL SMOTHER GRASS.
 - SODDED AREAS WILL BE ACCEPTED BY THE PROJECT MANAGER FOLLOWING PERFORMANCE ACCEPTANCE, PROVIDED:
 - SEEDING AREAS ARE PROPERLY ESTABLISHED.
 - TURF IS FREE OF DEAD SPOTS AND WEEDS.
 - NO SURFACE SOIL IS VISIBLE WHEN GRASS HAS BEEN CUT TO A HEIGHT OF 50mm
 - TURF AREAS HAVE BEEN CUT NO LESS THAN TWICE, THE LAST CUT BEING CARRIED OUT WITHIN 24 HOURS PRIOR TO THE ACCEPTANCE INSPECTION.

Revision	Description	Date
3	ISSUED FOR FIRST SUBMISSION	JUNE 30/22
2	ISSUED FOR CLIENT REVIEW	JUN 10/22
1	ISSUED FOR CLIENT REVIEW	MAY 16/22

City Approval Stamp



NAK design strategies

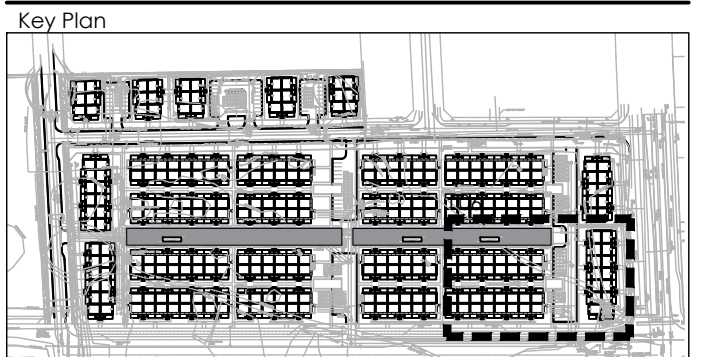
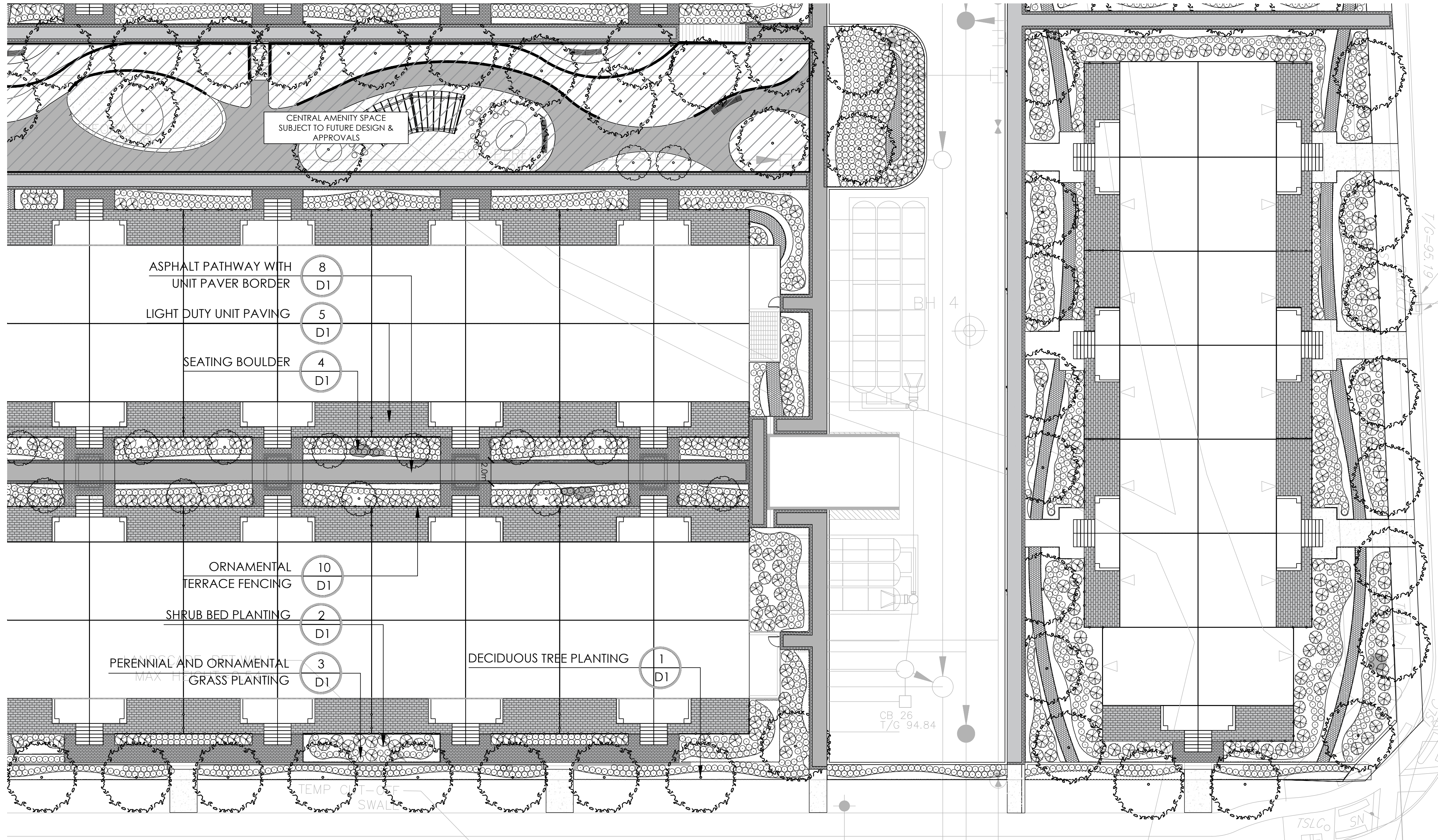
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BARRHAVEN TOWN CENTRE

LANDSCAPE PLAN

Date	JUNE 2022	Sheet	L-05
Scale	1:200		
Drawn by	TY		
Checked by	DMK		
Job No.	21-195		

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LEGEND

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PLANTING

+ DECIDUOUS STREET TREE
 ○ MEDIUM DECIDUOUS TREE
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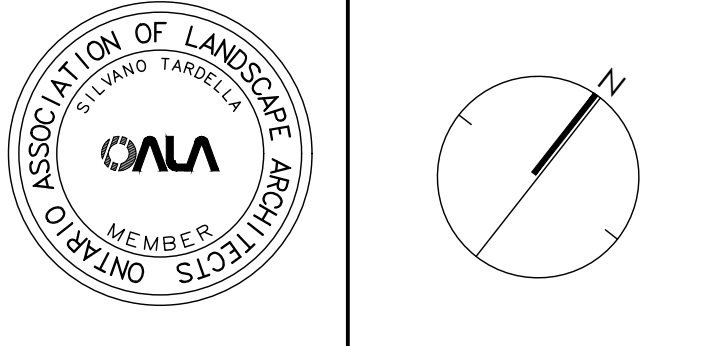
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Revision
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PLANT LIST

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LARGE DECIDUOUS TREES (15-30m)				
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TM	TILIA MONGOLICA	MONGOLIAN LINDEN	60	B&B
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Cg	CORNUS ALTERNIFOLIA	PAGODA DOGWOOD	40	B&B
Ck	CORNUS KOUSA 'SATOMI'	SATOMI FLOWERING DOGWOOD	175cm	TREEFORM
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Pv	PHILADELPHUS X VIRGINIALIS	MOCK ORANGE	175cm	3 GAL.

KEY	BOTANICAL NAME	COMMON NAME	CAL./HT.	ROOT (mm)
CONIFEROUS SHRUBS				
Pm	PINUS MUGO VAR. PUMILIO	DWARF MUGO VAR. PUMILIO	125cm	3 GAL.
GRASSES				
cm	CAREX MORROWII 'ICE DANCE'	ICE DANCE SEDGE	30cm	1 GAL.
ca	CALAMAGROSIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER REED GRASS	150cm	1 GAL.
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NAK design strategies

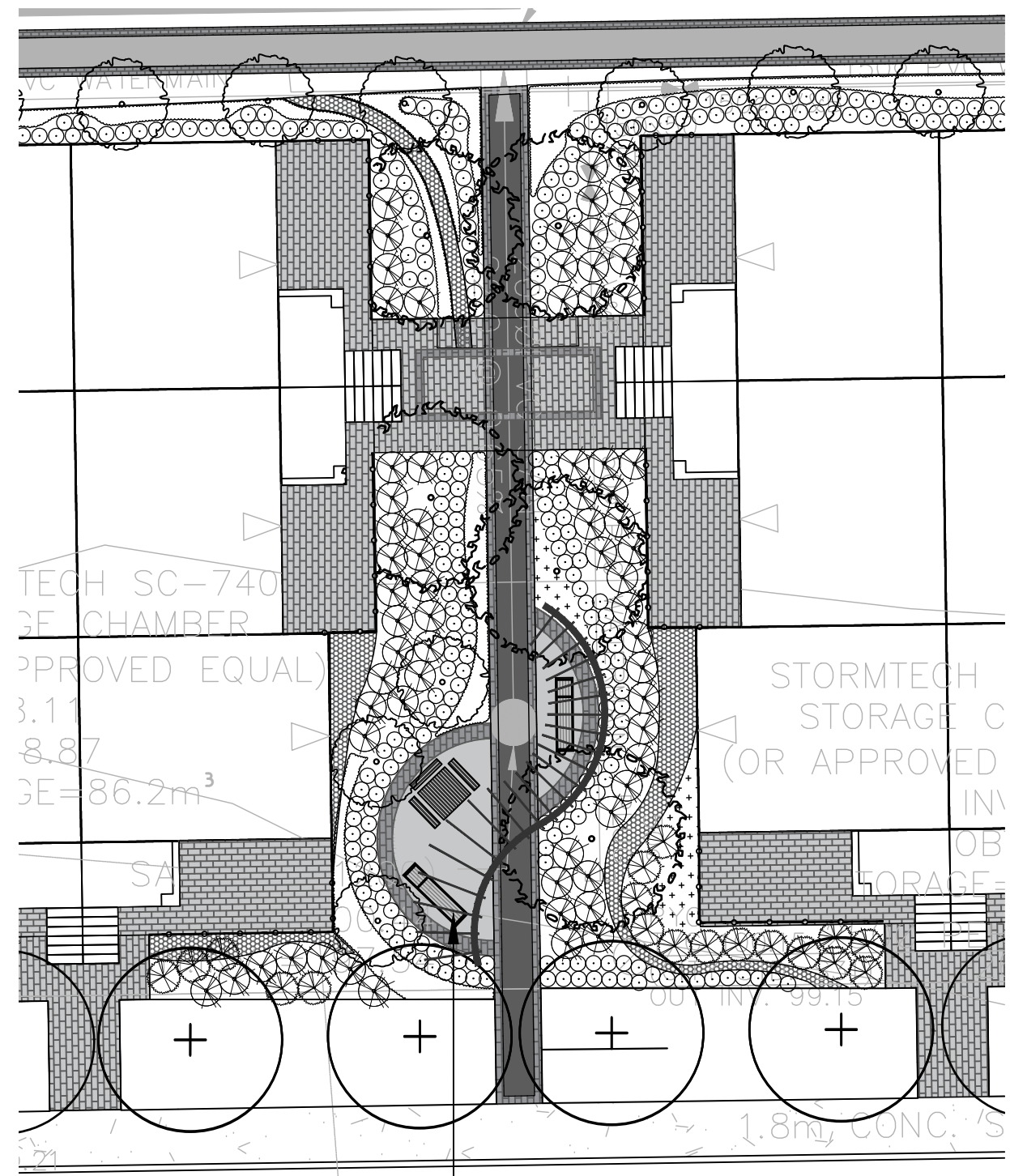
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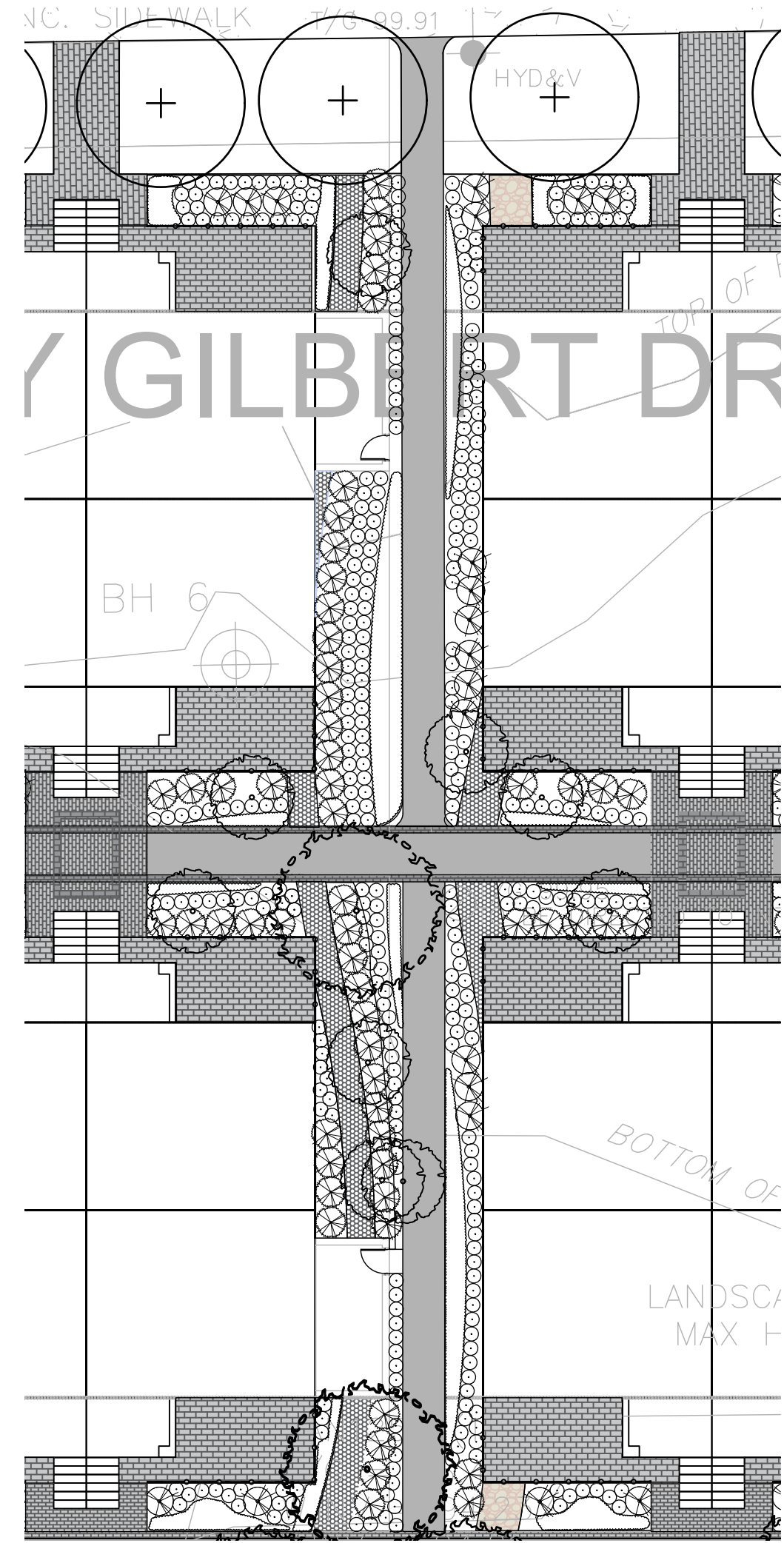
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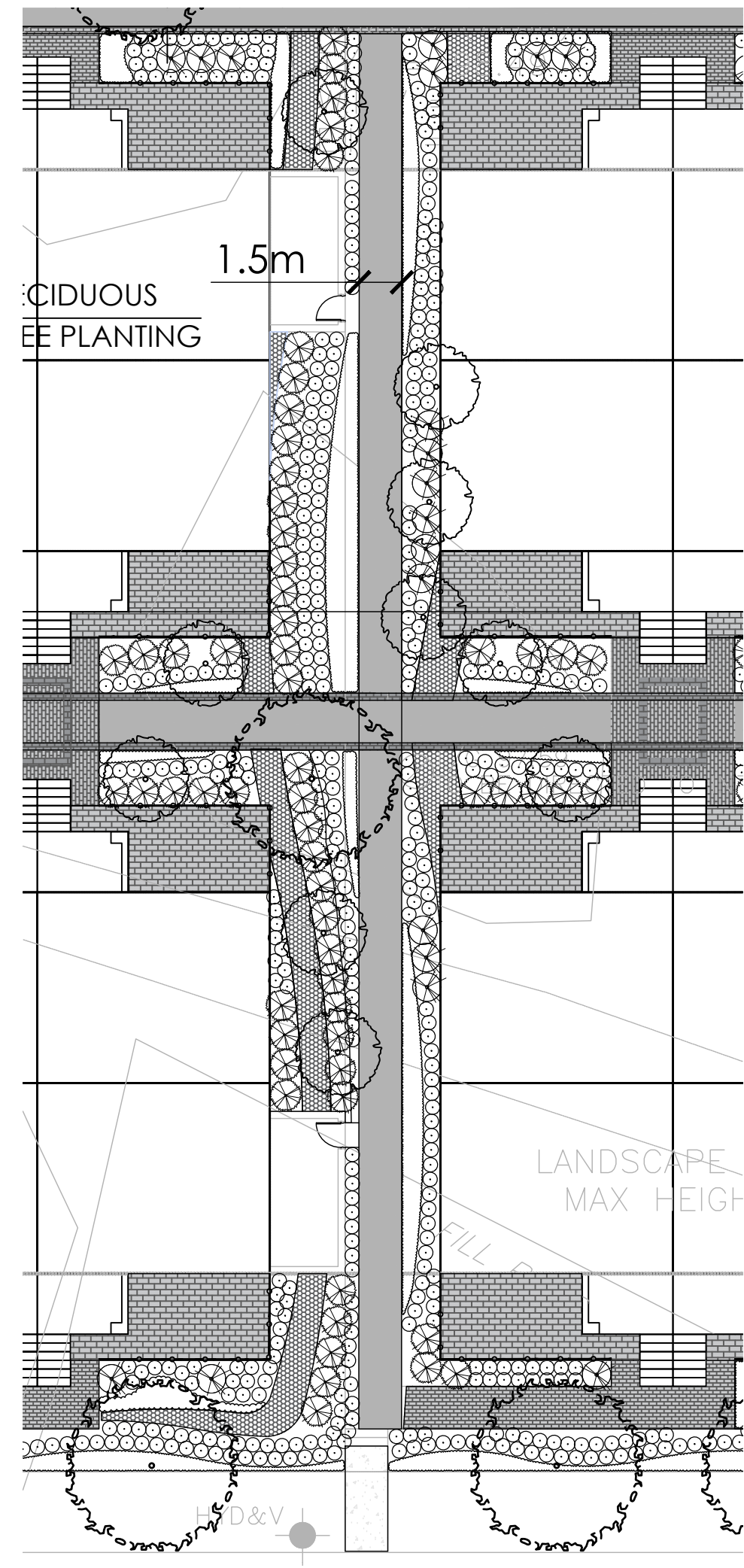
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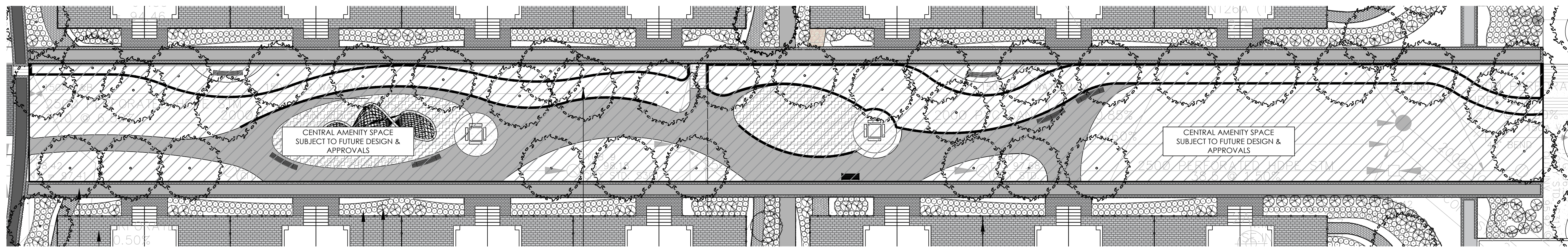
1 NORTH AMENITY AREA
1:200



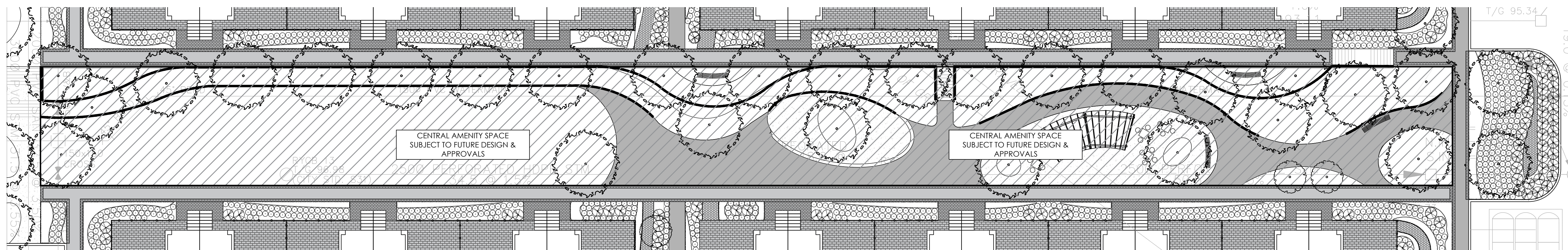
2 NORTH PATHWAY
1:200



3 SOUTH PATHWAY
1:200



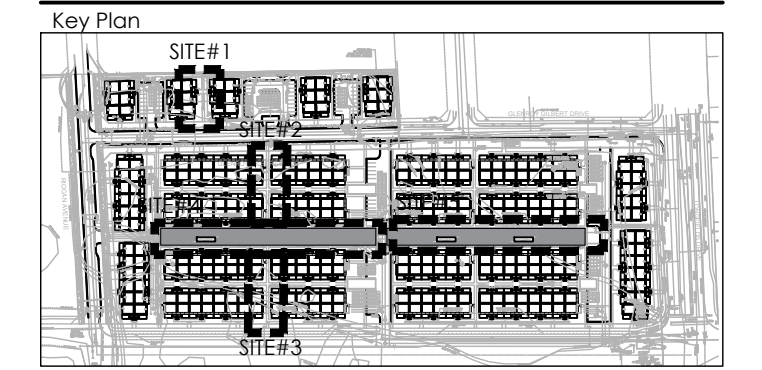
3 BACK-TO-BACK TOWNHOUSE AREA (WEST)
1:200



3 SOUTH PATHWAY
1:200

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Fm	PINUS MUGO VAR. PUMILIO	DWARF MUGO VAR. PUMILIO	125cm	3 GAL
GRASSES				
cm	CAREX MORROWII 'ICE DANCE'	ICE DANCE SEDGE	30cm	1 GAL
ca	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER REED GRASS	150cm	1 GAL
dc	DESCHAMPSIA CESPIIOSA	TUFTED HAIR GRASS	100cm	1 GAL
mc	MOLINIA CAERULEA 'VARIEGATA'	VARIEGATED PURPLE MOOR GRASS	70cm	1 GAL
PERENNIALS				
om	ALLIUM X 'MILLENIUM'	ORNAMENTAL ONION	50cm	1 GAL
oa	ASTER NOVAE-ANGIAE 'PURPLE DOME'	NEW ENGLAND ASTER	50cm	1 GAL
rd	RUDBECKIA HIRTA	BLACK-EYED SUSAN	60cm	1 GAL
hg	HOSTA 'AUGUST MOON'	AUGUST MOON HOSTA	45cm	1 GAL
hg	HOSTA 'SILVER BAY'	SILVER BAY HOSTA	40cm	1 GAL
hg	HOSTA 'GREAT ARRIVAL'	GREAT ARRIVAL	65cm	1 GAL
sm	SEDUM 'MAESTRO'	MAESTRO STONECROP	60cm	1 GAL
GROUNDCOVERS				
Au	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY	30cm	1 GAL
Jh	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER	200cm	1 GAL

Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.



LEGEND

- PROPERTY LINE
- LOW TO MED. SENSITIVE SOILS BOUNDARY
- DECORATIVE FENCE

PLANTING

- DECIDUOUS STREET TREE
- MEDIUM DECIDUOUS TREE
- LARGE MULTI-STEM SHRUB
- DECIDUOUS SHRUB
- CONIFEROUS SHRUB
- PERENNIALS & ORNAMENTAL GRASSES
- GROUNDCOVER
- SOD

SURFACING

- RIVER STONE
- UNIT PAVERS LIGHT DUTY PAVING
- CIP CONCRETE LIGHT DUTY PAVING
- ASPHALT LIGHT DUTY PAVING

AMENITIES

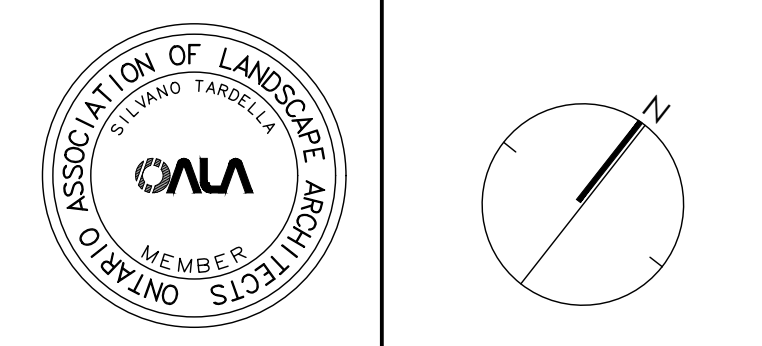
- ACCESSIBLE BENCH
- GRANITE SEATING BOULDERS
- CONTEMPORARY TRELLIS
- WASTE RECEPTACLE

DETAIL KEY

- DETAIL NO.
- SHEET NO.

Revision	Description	Date
3	ISSUED FOR FIRST SUBMISSION	JUNE 30/22
2	ISSUED FOR CLIENT REVIEW	JUN 10/22
1	ISSUED FOR CLIENT REVIEW	MAY 16/22

City Approval Stamp



NAK design strategies
 1285 WELLINGTON STREET WEST, OTTAWA, ON K1Y 3A8 CANADA
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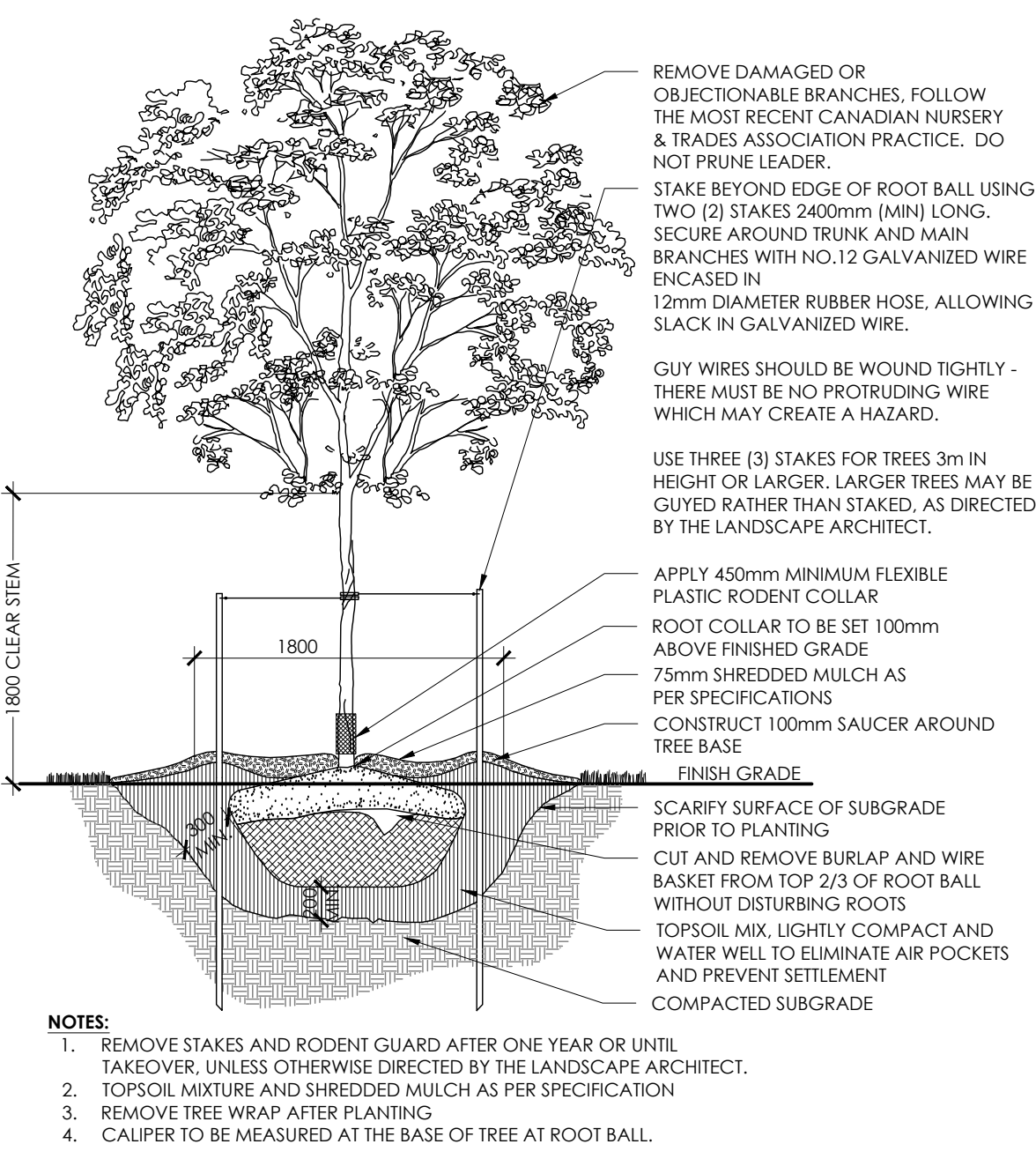
BARRHAVEN TOWN CENTRE
 minto Communities

LANDSCAPE PLAN

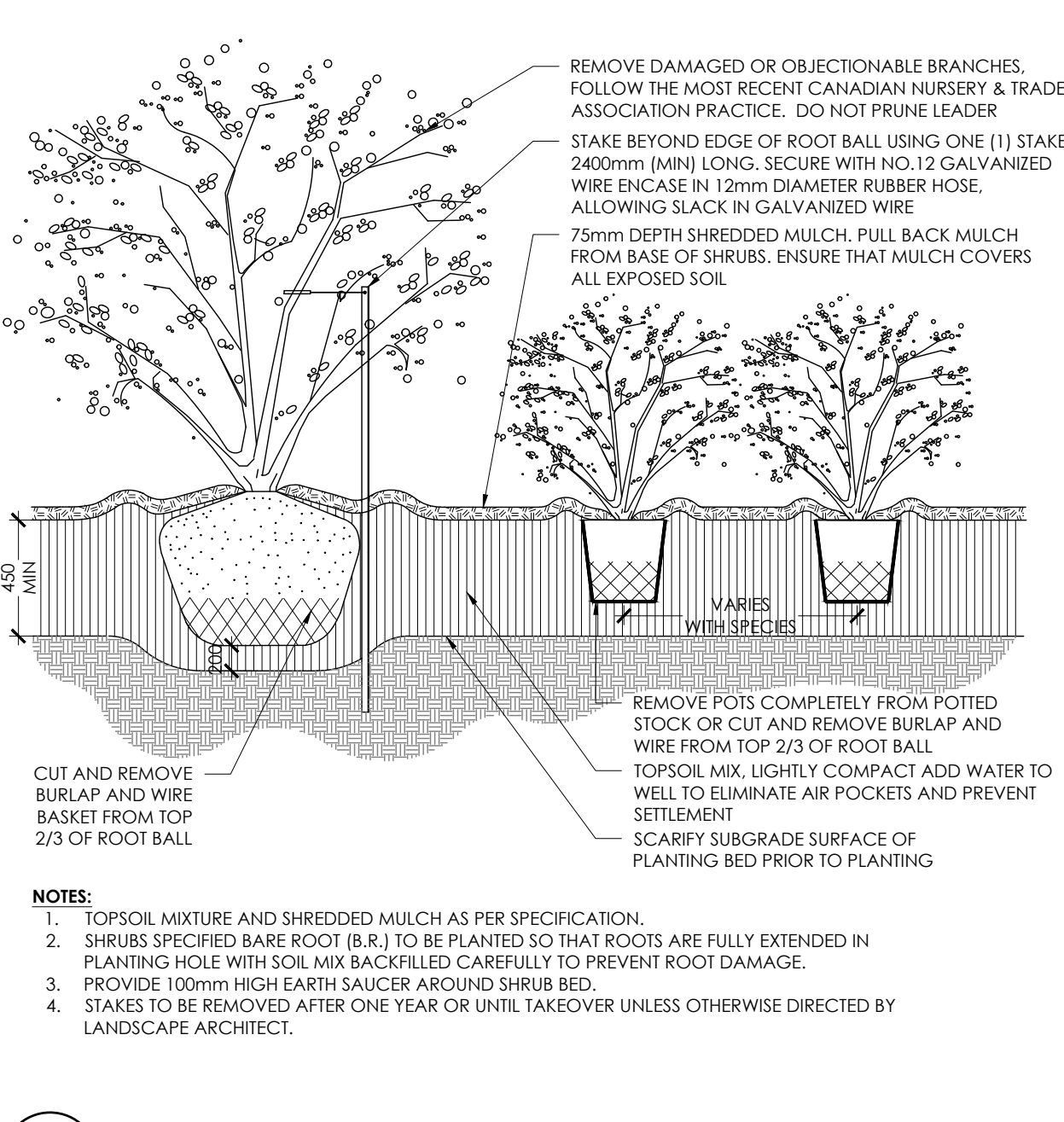
Date: JUNE 2022
 Scale: 1:200
 Drawn: TY
 Checked: MK
 Job No.: 21-195

Sheet: L-07

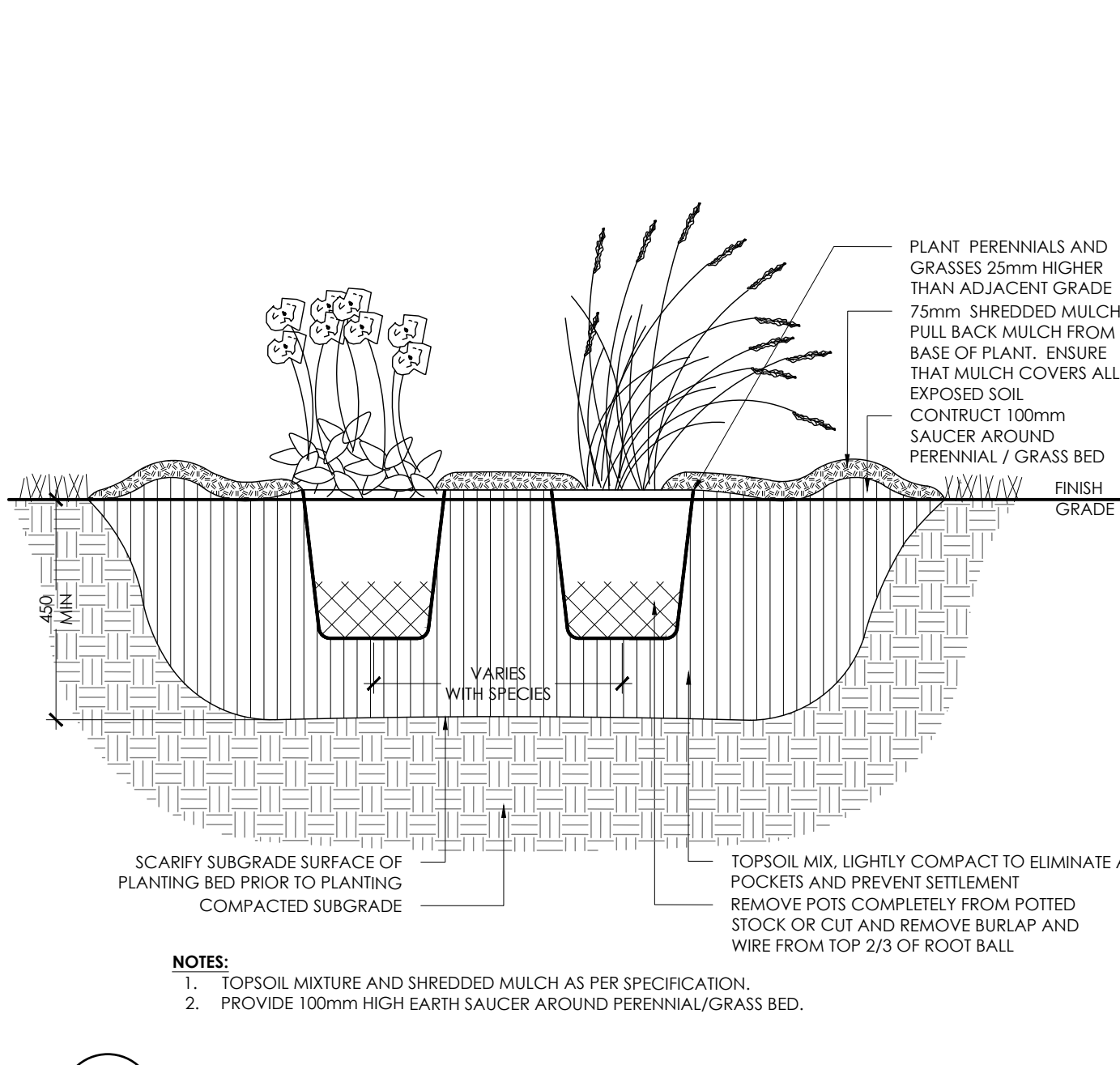
Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.



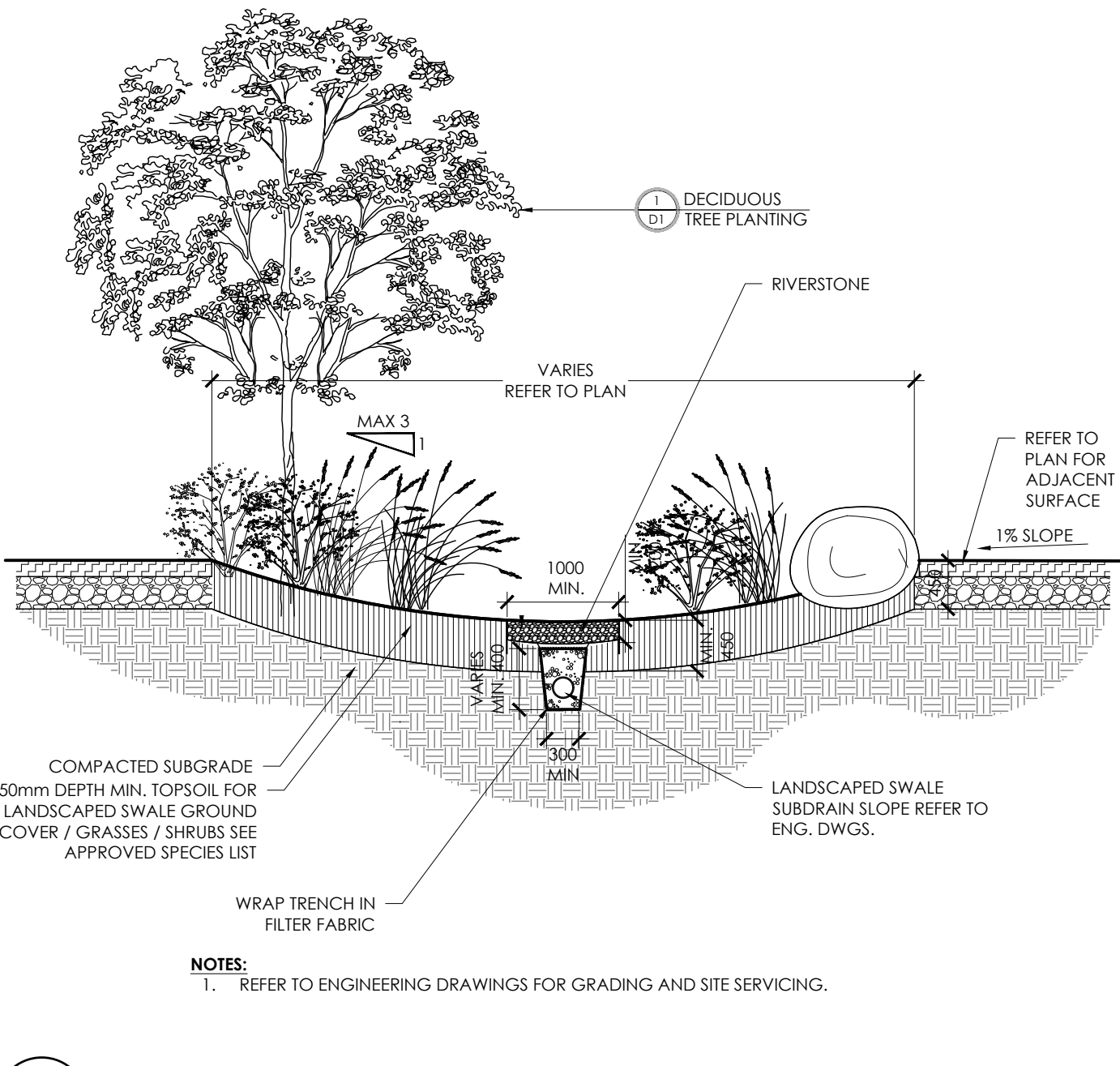
1 DECIDUOUS TREE PLANTING
N.T.S.



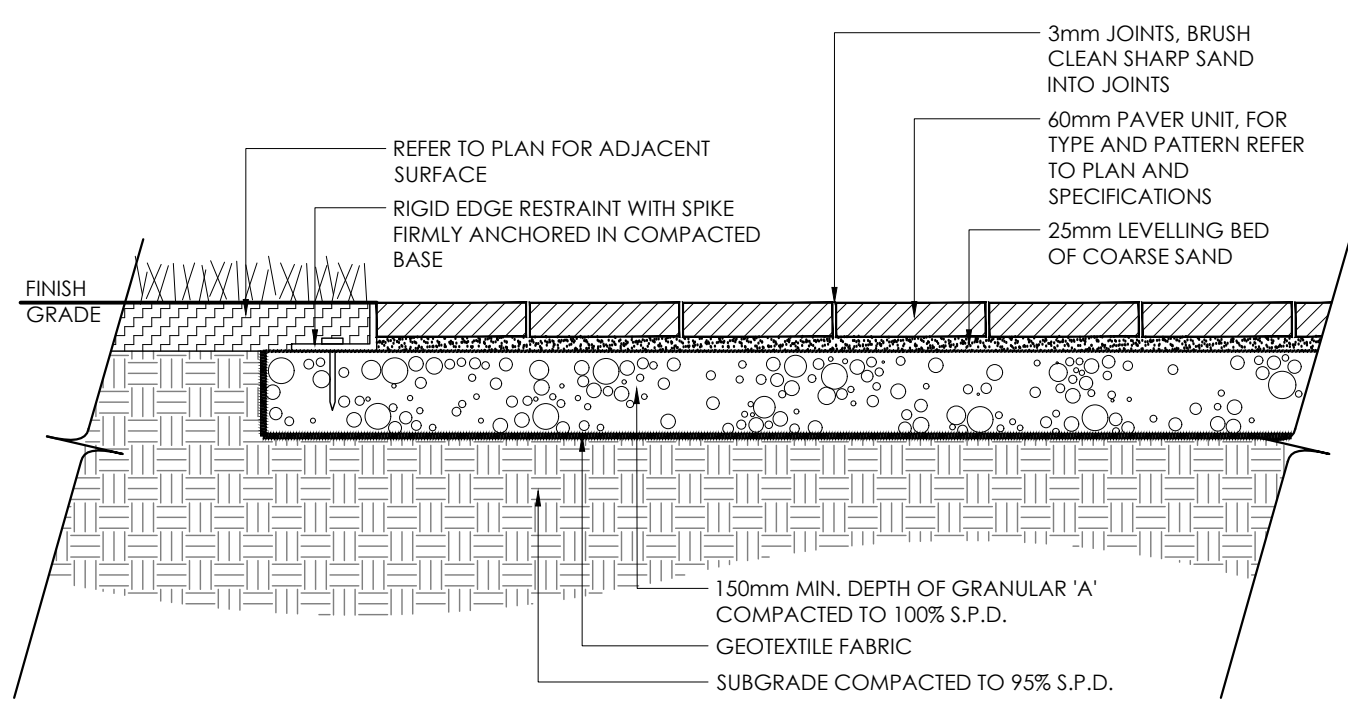
2 SHRUB BED PLANTING
N.T.S.



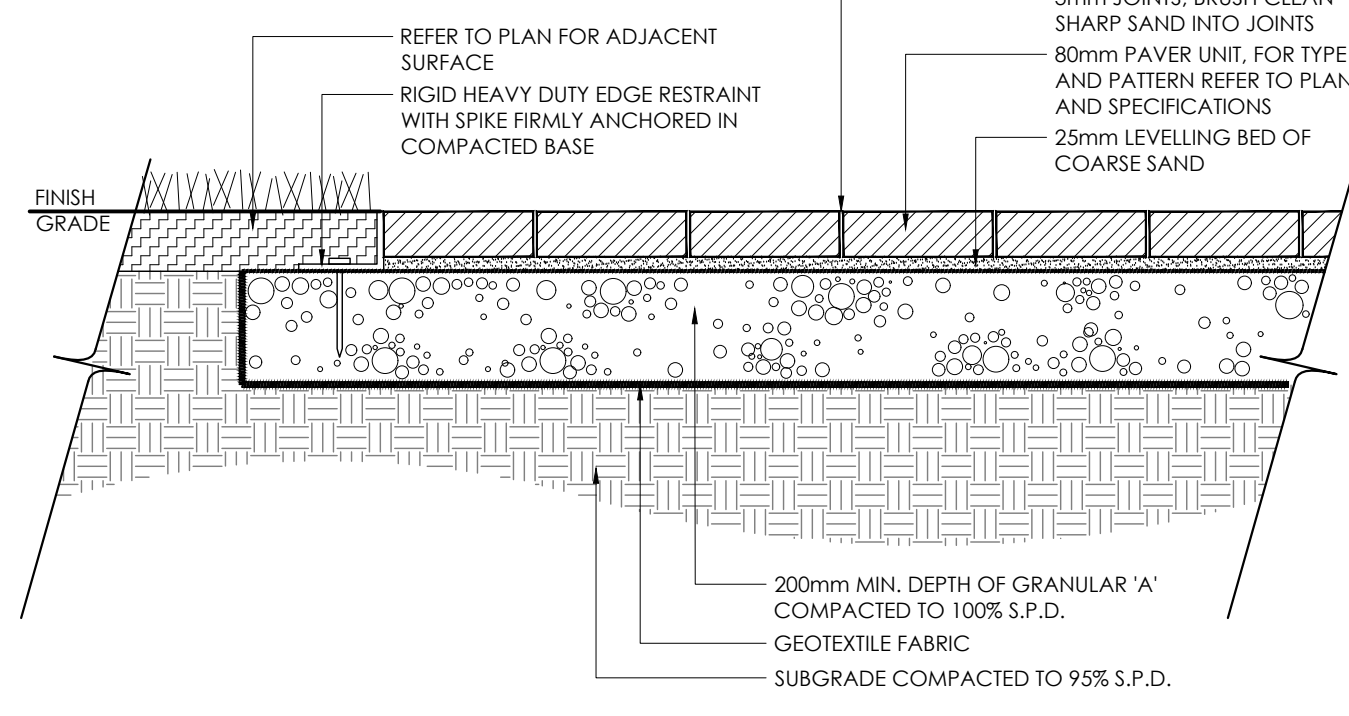
3 PERENNIAL AND ORNAMENTAL GRASS PLANTING
N.T.S.



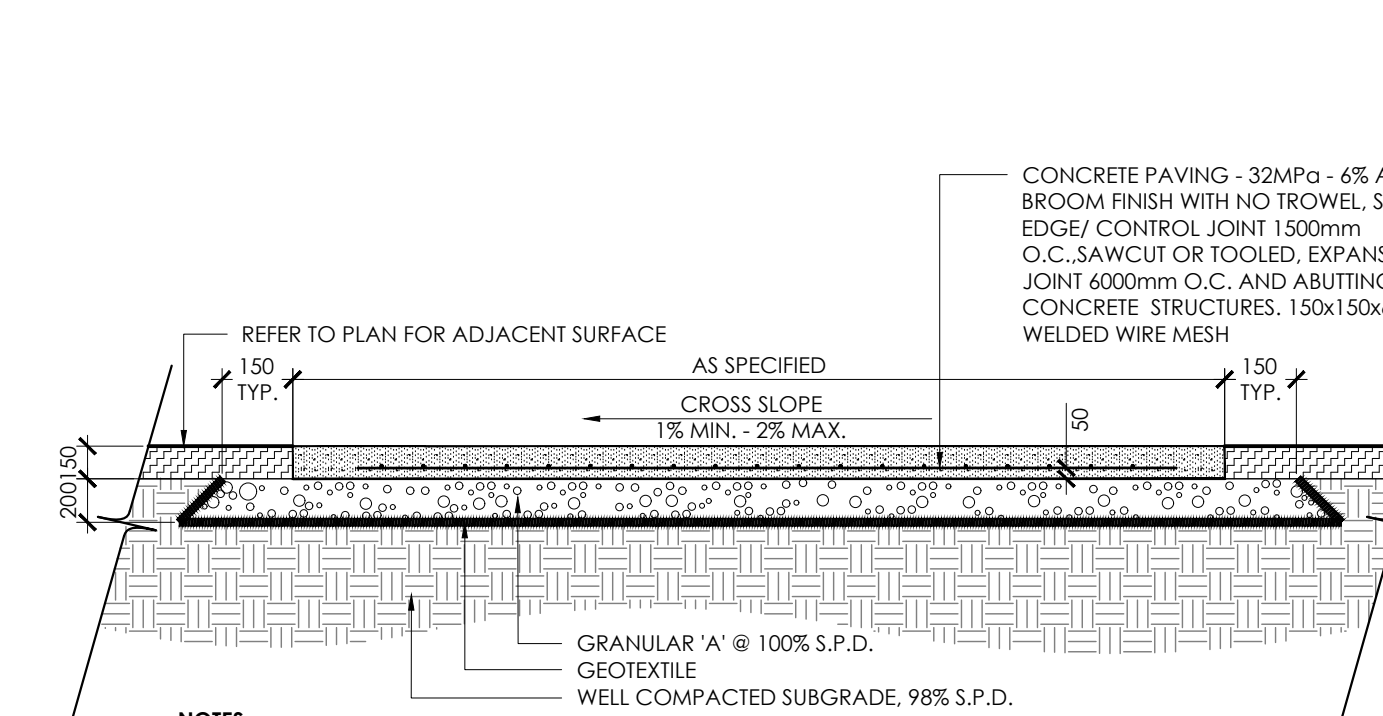
4 LANDSCAPED SWALE PLANTING
N.T.S.



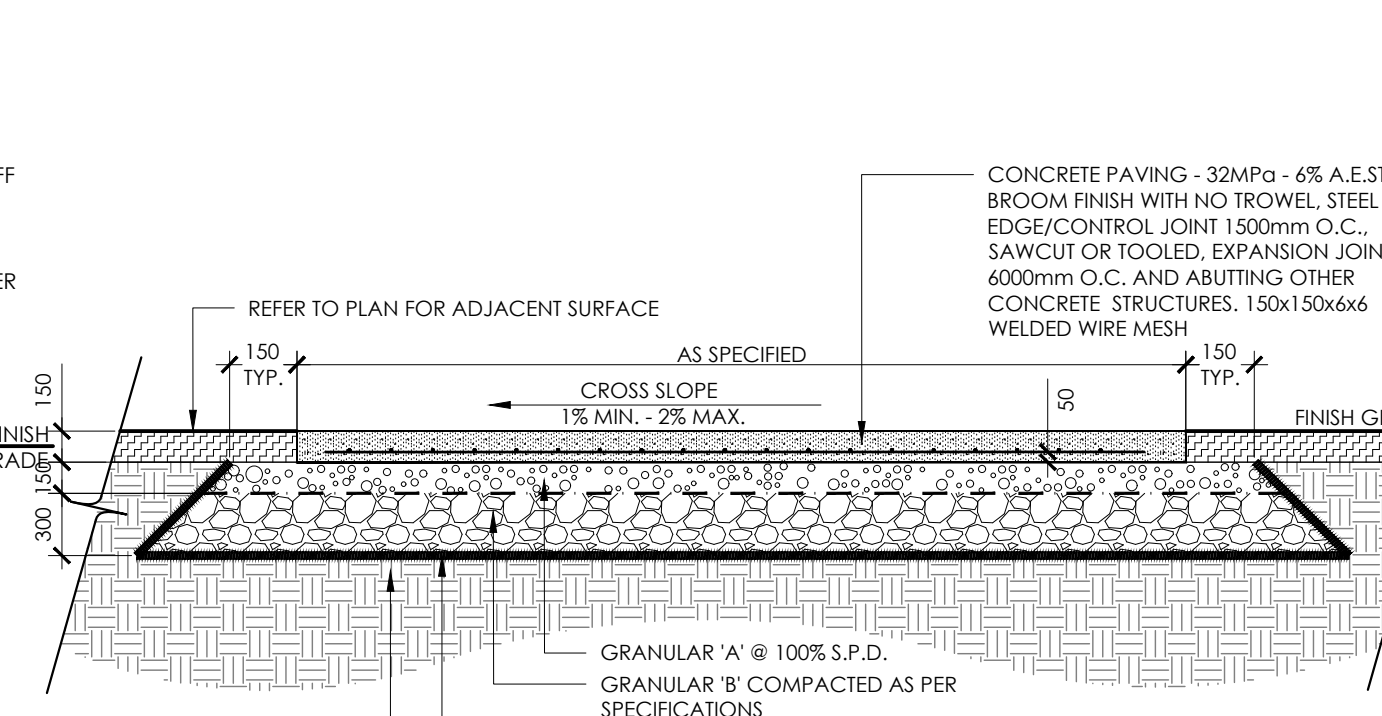
5 LIGHT DUTY UNIT PAVING
N.T.S.



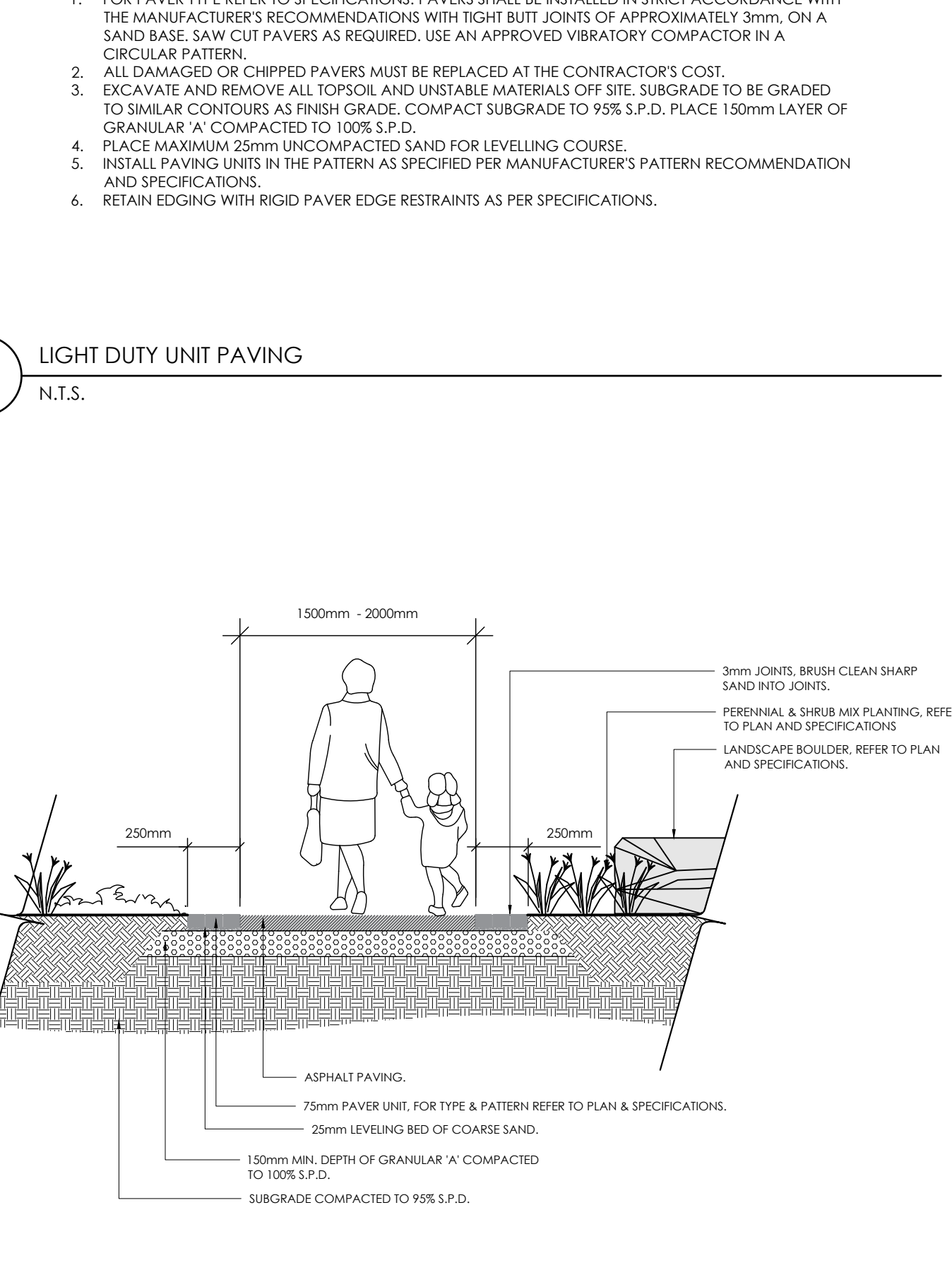
6 HEAVY DUTY UNIT PAVING
N.T.S.



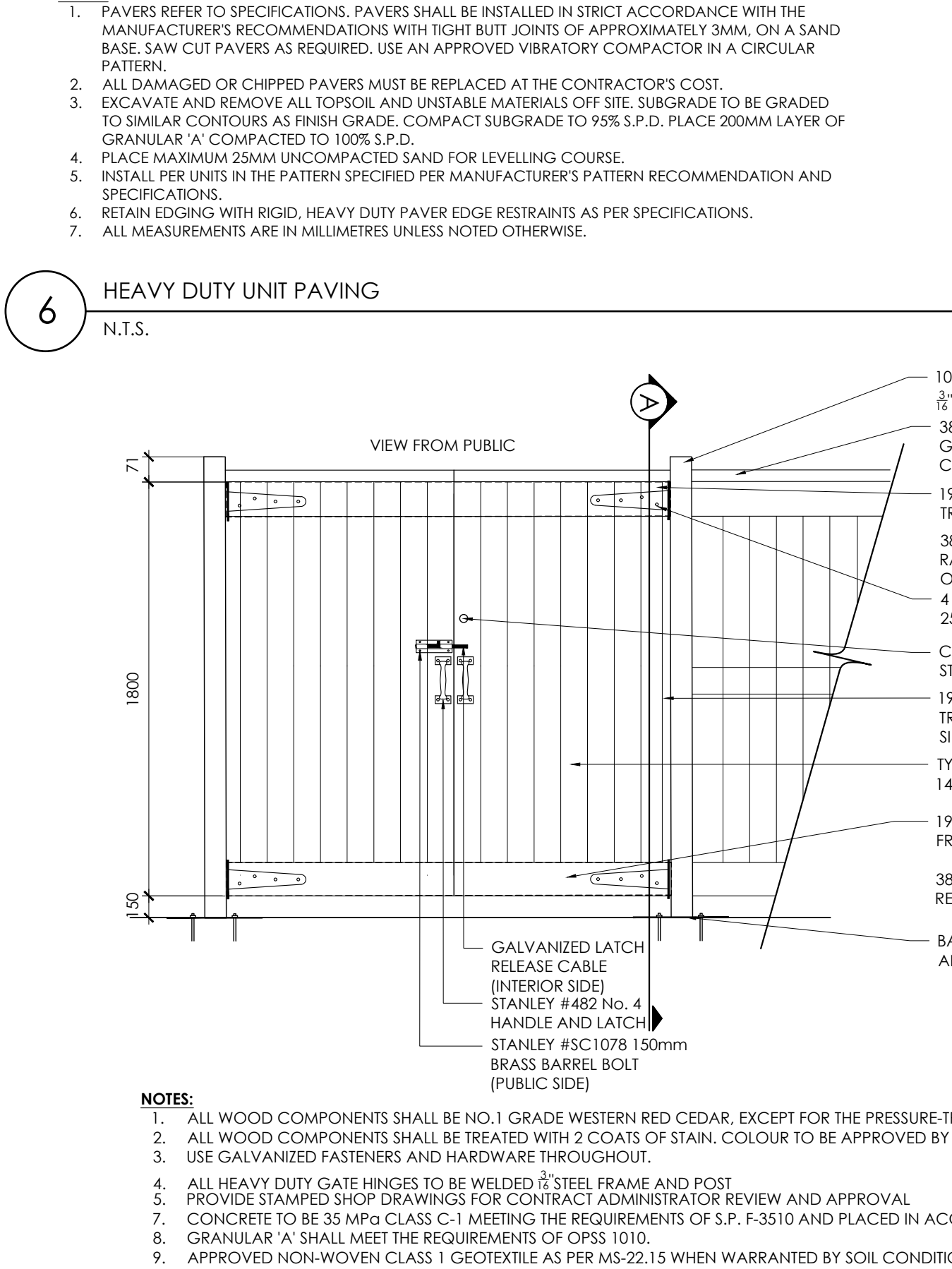
7 LIGHT DUTY CONCRETE PAVING
N.T.S.



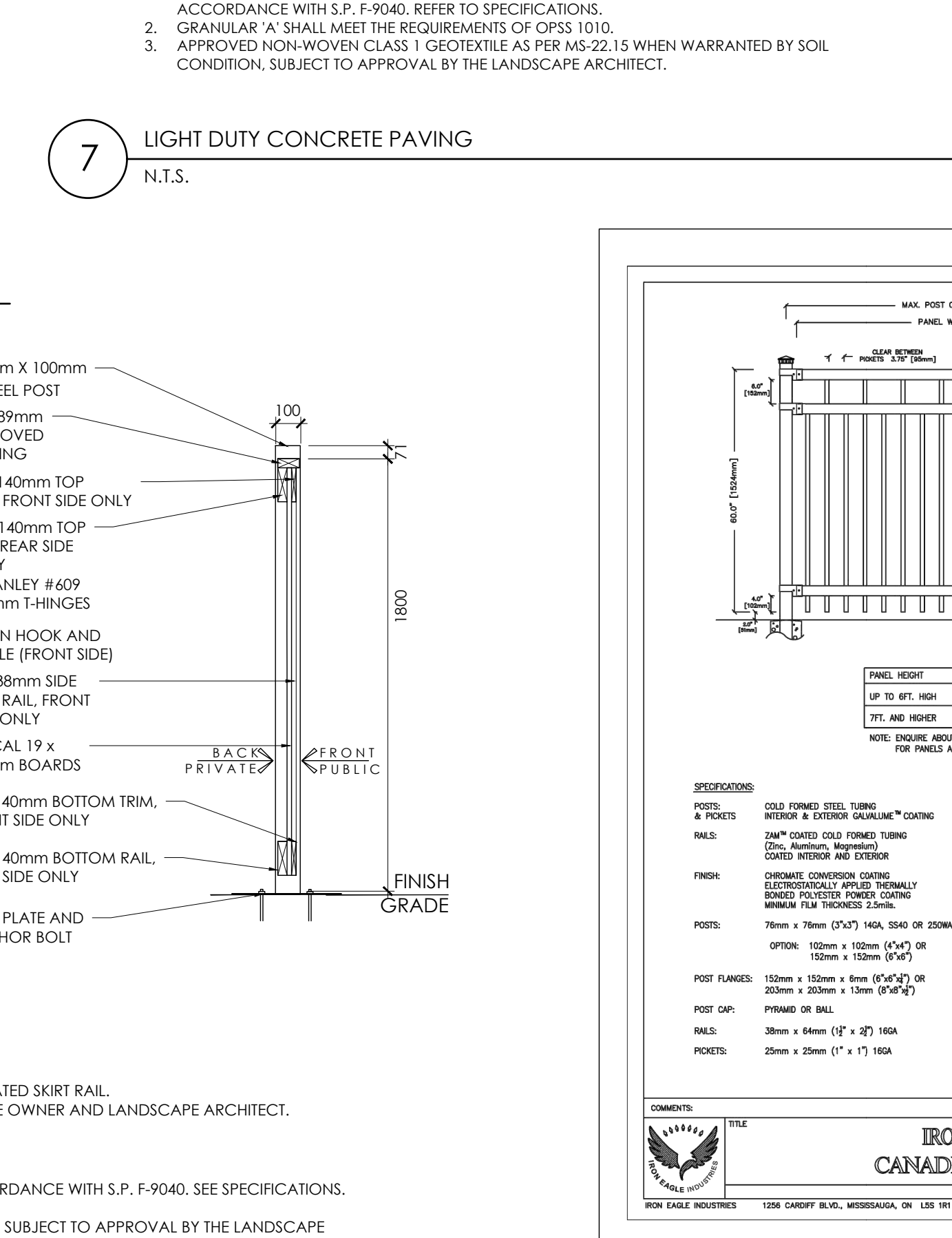
8 HEAVY DUTY CONCRETE PAVING
N.T.S.



9 ASPHALT PATHWAY WITH UNIT PAVER BORDER
N.T.S.



10 2.0m GARBAGE ENCLOSURE PEDESTRIAN ACCESS GATE AND FENCE
N.T.S.



10 1.5m HT. ORNAMENTAL FENCING
N.T.S.

LEGEND

----- PROPERTY LINE
 - - - - - BOUNDARY
 - - - - - LOW TO MED. SENSITIVE SOILS
 - - - - - DECORATIVE FENCE

PLANTING

+ DECIDUOUS STREET TREE
 ○ MEDIUM DECIDUOUS TREE
 ○ LARGE MULTI-STEM SHRUB
 ○ DECIDUOUS SHRUB
 ○ CONIFEROUS SHRUB
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Project

BARRHAVEN TOWN CENTRE

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Title

DETAILS

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