

1Door4Care - CHEO Integrated Treatment Centre: Parking Garage

ISSUED FOR SPC RESUBMISSION
2023-09-18

VOLUME 3 : LANDSCAPE

 **EllisDon**
INFRASTRUCTURE Healthcare



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ARIUM

* REFER TO EACH VOLUME FOR SHEET LIST OF RESPECTIVE DISCIPLINE

SHEET LIST - LANDSCAPE ARCHITECTURAL

Sheet Number	Sheet Name
LP0000	SHEET LIST
LP0100	ENTIRE LANDSCAPE AND KEY PLAN
LP0110	EXISTING CONDITIONS AND REMOVAL PLAN AT NORTH SIDE OF PARKADE
LP0120	PARKADE TREE PRESERVATION & REMOVAL PLAN
LP0130	PARKADE LANDSCAPE UTILITY PLAN
LP0140	PARKADE LANDSCAPE PLAN
LP0150	LANDSCAPE DETAILS



1Door4Care

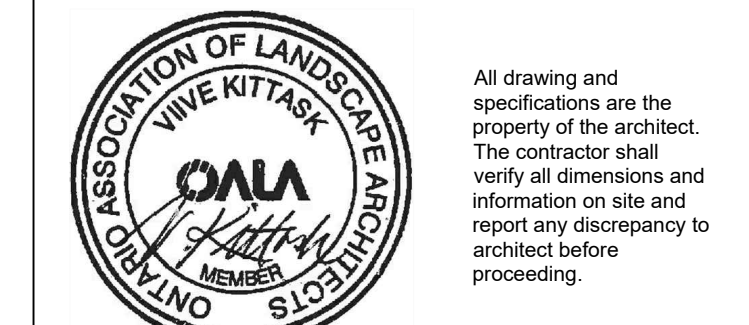


PROJECT NORTH (PN)

#	date	revision
5	2023-09-18	ISSUED FOR SPC RESUBMISSION IW
4	2023-08-31	ISSUED FOR VON DO SUBMISSION IW
3	2023-08-16	ISSUED FOR SPC APPLICATION IW
2	2023-07-31	ISSUED FOR VON DO SUBMISSION IW
1	2023-04-20	ISSUED FOR TECHNICAL SUBMISSION IW

date revision

revisions



All drawing and specifications are the property of the architect. The contractor shall verify all dimensions and information on site and report any discrepancy to architect before proceeding.

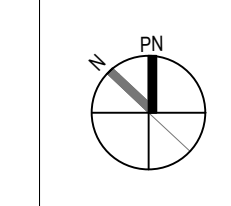
1Door4Care CHEO Integrated Treatment Centre

401 Smyth Rd
Ottawa, ON K1H 8L1

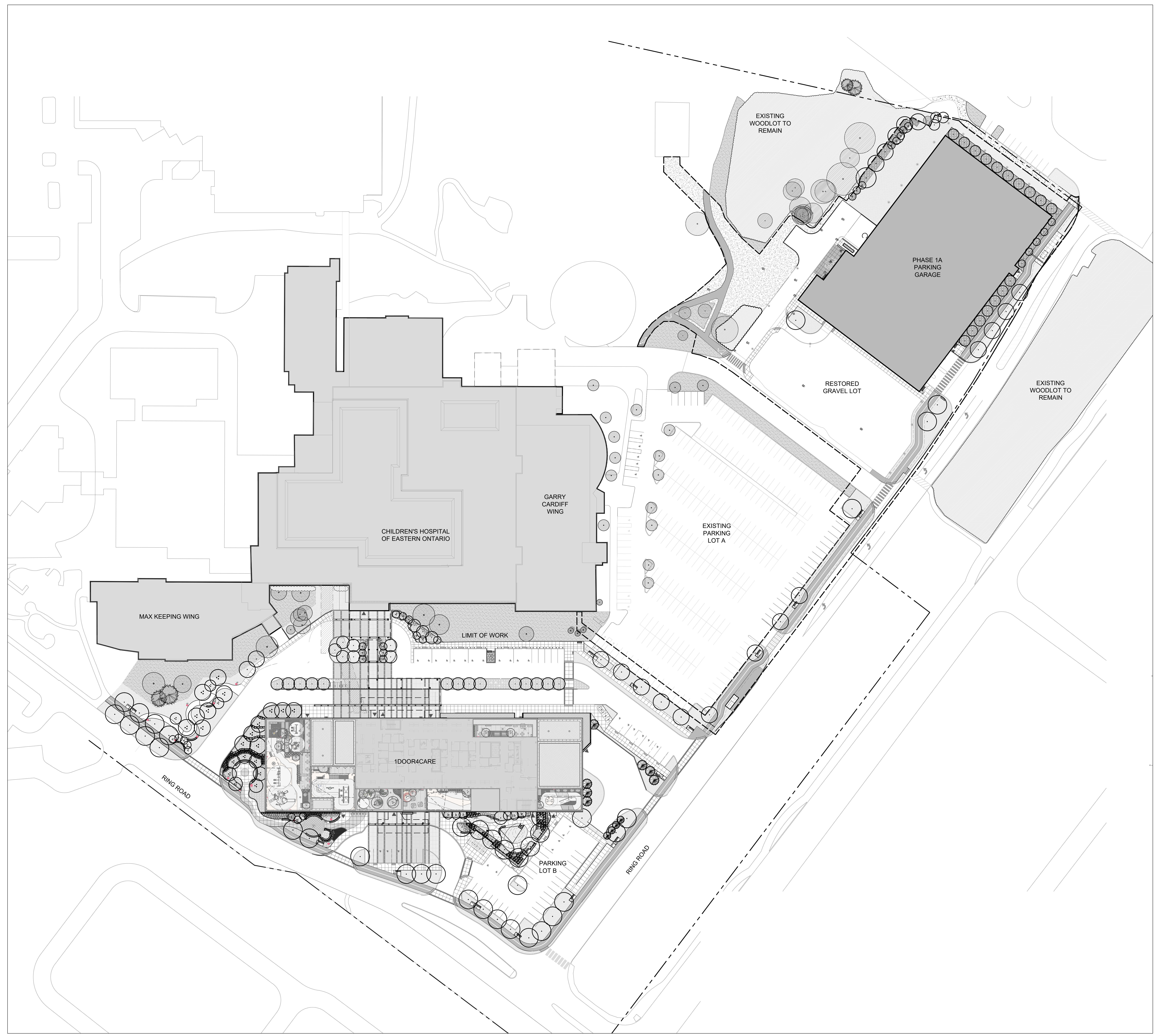
SHEET LIST

scale:
drawn by: IWRM
reviewed by: VK
job number: 2007
plot date: 2023/09/18
drawing number:

LP0000



- LEGEND**
- PROPERTY LINE
 - LIMIT OF CONSTRUCTION LINE
 - CONCRETE PAVING
 - TINTED CONCRETE PAVING
 - ASPHALT
 - LINE PAINTING ON ASPHALT
 - TACTILE ATTENTION INDICATOR
 - TACTILE DIRECTIONAL INDICATOR
 - EXISTING DECIDUOUS TREE TO REMAIN
 - EXISTING CONIFEROUS TREE TO REMAIN
 - EXISTING VEGETATION TO REMAIN
 - EXISTING SOIL
 - SOIL
 - NATIVE SEED MIX
 - DECIDUOUS TREE
 - PERENNIALS & GROUNDCOVERS
 - MULTI-PURPOSE PATH SEE CIVIL
 - BENCH
 - CATCH BASIN REFER TO CIVIL
 - MANHOLE REFER TO CIVIL
 - FIRE HYDRANT REFER TO CIVIL
 - LIGHT POLES SEE ELEC.



#	date	revision	by
5	2023-09-18	ISSUED FOR SPC RESUBMISSION	IW
4	2023-08-02	ISSUED FOR SPC RESPONSE	IW
3	2023-08-16	ISSUED FOR SPC APPLICATION	IW
2	2023-07-31	ISSUED FOR SPC SUBMISSION	IW
1	2023-04-20	ISSUED FOR TECHNICAL SUBMISSION	IW

date revision by



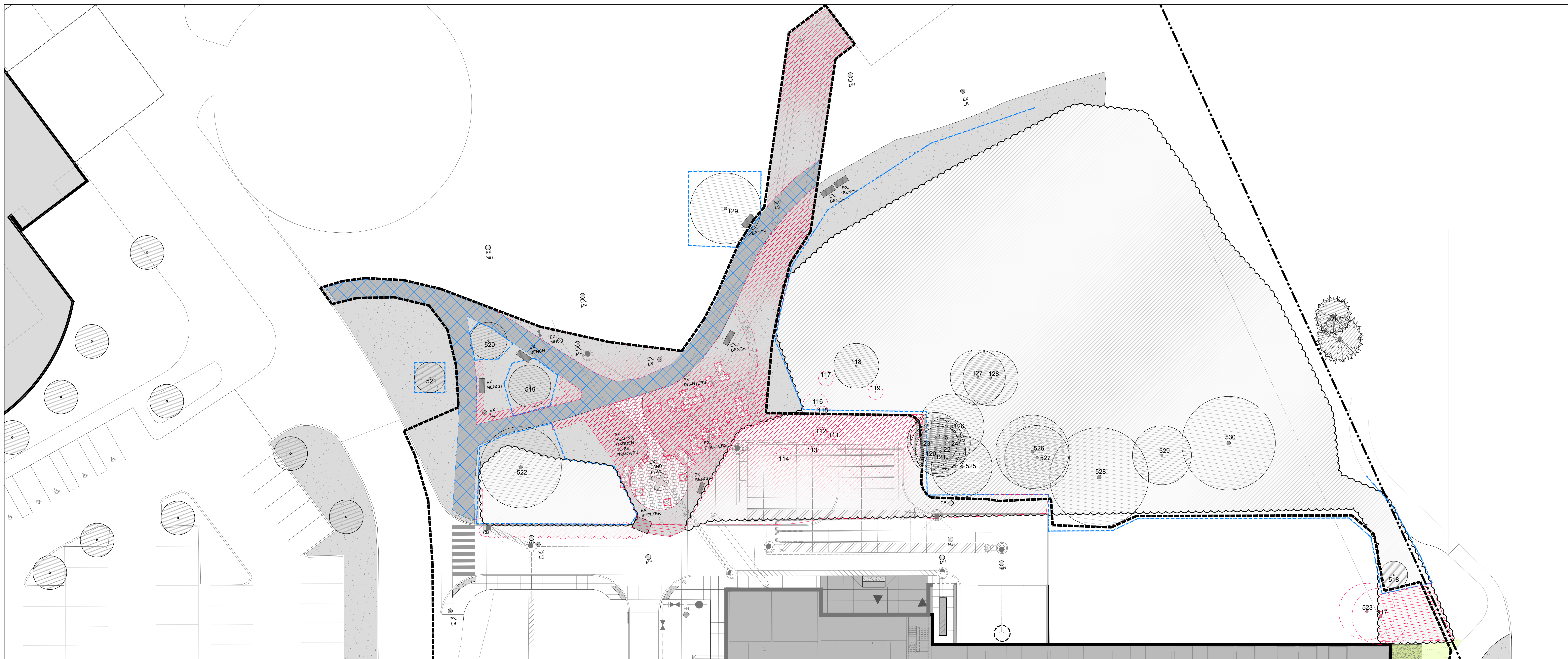
1Door4Care: CHEO Integrated Treatment Centre: Parking Garage

401 Smyth Rd, Ottawa, ON

OVERALL LANDSCAPE AND KEY PLAN

scale: 1:500
 drawn by: IW/WM
 reviewed by: VK
 job number: 2207
 plot date: 2023/09/18
 drawing number:

LP0100



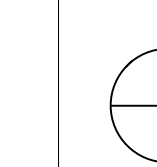
L1
PROJ06 EXISTING CONDITIONS AND REMOVALS PLAN AT NORTH SIDE OF PARKADE
PLAN VIEW

SCALE 1:200

NOTES:

1. EXISTING HEALING GARDEN IS TO BE REMOVED. CLIENT TO PROVIDE LIST OF ANY COMPONENTS TO BE RETAINED. CHEO TO PROVIDE LOCATION FOR ITEMS TO BE STOCKPILED, IF REQUIRED.
2. CONTRACTOR TO REGRADE AREA OF DISTURBANCE AND INSTALL TOPSOIL AND NATIVE SEED MIX.
3. CONTRACTOR TO MINIMIZE DISTURBANCE OF EXISTING TREES AND WOODLOT.
4. ANY EXCAVATION NEAR TREE PROTECTION ZONES OF EXISTING TREES IS TO BE REVIEWED BY ARBORIST.

KEYPLAN



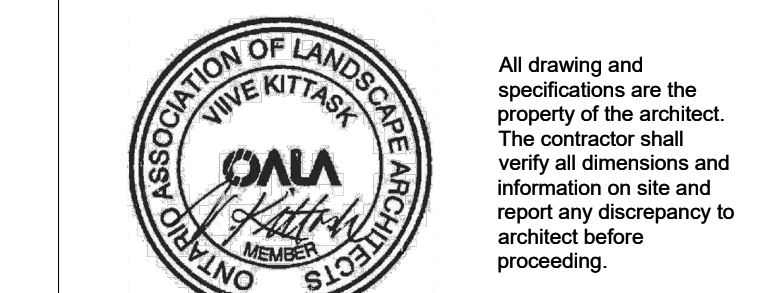
LEGEND

- PROPERTY LINE
- EXISTING SOIL
- EXISTING DECIDUOUS TREE TO REMAIN
- EXISTING CONIFEROUS TREE TO REMAIN
- EXISTING DECIDUOUS TREE TO REMOVE
- EXISTING CONIFEROUS TREE TO REMOVE
- EXISTING VEGETATION TO REMAIN
- EXISTING TO BE REMOVED
- EXISTING ASPHALT PAVING TO BE REPAVED
- TREE PROTECTION HOARDING

#	date	revision	by
6	2023-09-21	ISSUED FOR 100% DD RESUBMISSION	IW
5	2023-09-18	ISSUED FOR SPC RESUBMISSION	IW
4	2023-08-31	ISSUED FOR 100% DD SUBMISSION	IW
3	2023-08-22	ISSUED FOR 95% DD SUBMISSION RESPONSE	IW
2	2023-07-31	ISSUED FOR 95% DD SUBMISSION	IW
1	2023-04-20	ISSUED FOR TECHNICAL SUBMISSION	IW

date revision by

revisions



1Door4Care: CHEO Integrated Treatment Centre: Parking Garage

401 Smyth Rd, Ottawa, ON

EXISTING CONDITIONS AND REMOVALS PLAN

scale: 1:200
 drawn by: IW/RM
 reviewed by: VK
 job number: 2207
 plot date: 2023/08/18
 drawing number:

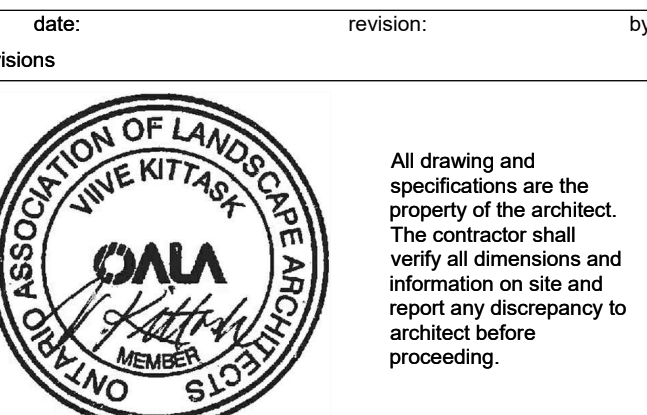
LP0101E

KEYPLAN

LEGEND

- PROPERTY LINE
- LIMIT OF CONSTRUCTION LINE
- CONCRETE PAVING
- TINTED CONCRETE PAVING
- ASPHALT
- LINE PAINTING ON ASPHALT
- TACTILE ATTENTION INDICATOR
- TACTILE DIRECTIONAL INDICATOR
- EXISTING DECIDUOUS TREE TO REMAIN
- EXISTING CONIFEROUS TREE TO REMAIN
- EXISTING VEGETATION TO REMAIN
- EXISTING SOD
- SOD
- NATIVE SEED MIX
- DECIDUOUS TREE
- PERENNIALS & GROUNDCOVERS
- MULTI-PURPOSE PATH, SEE CIVIL
- BENCH
- CATCH BASIN, REFER TO CIVIL
- MANHOLE, REFER TO CIVIL
- FIRE HYDRANT, REFER TO CIVIL
- LIGHT POLES, SEE ELEC.

#	DATE	REVISION	BY
5	2023-09-18	ISSUED FOR SPC RESUBMISSION	WV
4	2023-08-02	ISSUED FOR SPC RESPONSE	WV
3	2023-08-16	ISSUED FOR SPC APPLICATION	WV
2	2023-07-31	ISSUED FOR SPC SUBMISSION	WV
1	2023-04-20	ISSUED FOR TECHNICAL SUBMISSION	WV



1Door4Care: CHEO Integrated Treatment Centre: Parking Garage

401 Smyth Rd, Ottawa, ON

PARKADE LANDSCAPE PLAN

scale: 1/200
drawn by: WVRM
reviewed by: VK
job number: 2207
plot date: 2023/09/18
drawing number: LP0101

Key	Qty	Botanical Name	Common Name	Cal.	Spnd.	Hgt.	Root	Remarks
TREES								
Ar	1	Acer rubrum	Red Maple	80		8-8		Native
As	6	Acer saccharum	Sugar Maple	80		8-8		Native
Cb	5	Carpinus betulus 'twilight'	Pyramidal European Hornbeam	80		8-8		Drought Tolerant
Qb	7	Quercus ilicifolia 'Princeton Sentry'	Princeton Sentry Maidenhair Tree	80		8-8		Soil Tolerant
Qc	10	Quercus x alba x robur 'Crimson Spire'	Crimson Spire Oak	80		8-8		
PERENNIALS AND GRASSES								
al		Artemisia ludoviciana	Silver Sagebrush				1 gallon pot	Native
am		Asclepias tuberosa	Common Yarrow				1 gallon pot	Native / Butterfly friendly
aca		Aconitum canadense	Canada Aconite				1 gallon pot	Native
af		Agastache foeniculum	Anise Hyssop				1 gallon pot	Native
ca		Cornus canadensis	Sandbarberry				1 gallon pot	Native
dc		Deschampsia cespitosa	Tufted Hair Grass				1 gallon pot	Native
ep		Echinacea purpurea	Purple Coneflower				1 gallon pot	Native / Butterfly friendly
fr		Fragaria vesca	Woodland Strawberry				1 gallon pot	Native
hp		Hypoxis patula	Buttercup Grass				2 gallon pot	Native
lp		Lupinus perennis	Sundial Lupine				1 gallon pot	Native
sp		Sedum spectabile	Bricklayer's Stonecrop				1 gallon pot	Native
TYPICAL WOODLOT RESTORATION PLANT LIST								
Key	Qty	Botanical Name	Common Name	Cal.	Spnd.	Hgt.	Root	Remarks
TREES								
Bs	3	Betula alleghaniensis	Yellow Birch	80		8-8		Native
Cc	5	Carpinus canadensis	Blue Beech	80		8-8		Native
Co	1	Corylus rostrata	Shagbark Hickory	80		8-8		Native
Fa	2	Fraxinus americana	White Ash	80		8-8		Native
Qb	3	Quercus bicolor	Swamp White Oak	80		8-8		Native
SHRUBS								
ac	3	Ametanocher canadensis	Shadblow Senecioideae	1750		8-8		Native / Multi-stemmed
ve	5	Viburnum acerifolium	Napoleon's Viburnum				3 gallon pot	Native
PERENNIALS AND GRASSES								
ms	75	Mniocystis struthiopteris	Ostrich Fern					
sp	100	Adiantum pedatum	Maidenhair Fern					

NOTE: CONTRACTOR TO MAKE GOOD ALL LANDSCAPE DAMAGED DURING CONSTRUCTION



TREE INVENTORY:

REFER TO ARBORIST REPORT PREPARED BY COLVILLE CONSULTING INC. FILE NO. C23080 DATED SEPTEMBER 19, 2023.

EXISTING HELIPORT

Trip #	Species	Scientific Name	Location	DBH (cm)	Critical Root Zone (cm)	Driveline	Health	Recommendation	Field Notes/Condition Comments	Zone	Northing	Easting
101	White Oak	Quercus alba	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
102	White Oak	Quercus alba	Area adjacent to heliport	80	80	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
103	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	2	Good	Remove, construct	At center of parking lot, landscape	D1	4607212.35	448034.24
104	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	2	Good	Remove, construct	At center of parking lot, landscape	D1	4607212.35	448034.24
105	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	2	Good	Remove, construct	At center of parking lot, landscape	D1	4607212.35	448034.24
106	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	2	Good	Remove, construct	At center of parking lot, landscape	D1	4607212.35	448034.24
107	White Oak	Quercus alba	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
108	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
109	White Oak	Quercus alba	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
110	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
111	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
112	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
113	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
114	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
115	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
116	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
117	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
118	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
119	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24
120	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607212.35	448034.24

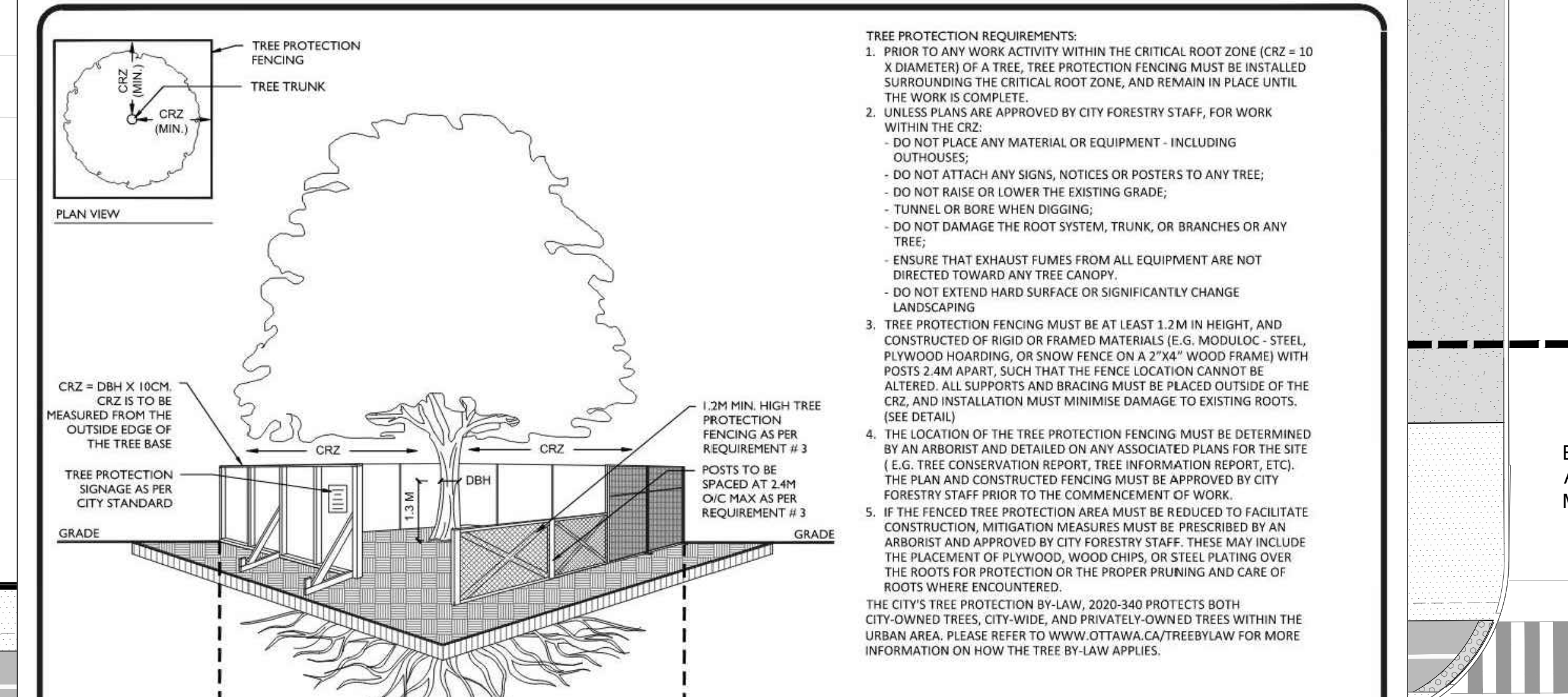
EXISTING LANDSCAPE TO REMAIN

EXISTING WOOD LOT TO REMAIN

EXISTING LAWN

EXISTING PARKING LOT

PHASE 1A PARKING GARAGE



Trip #	Species	Scientific Name	Location	DBH (cm)	Critical Root Zone (cm)	Driveline	Health	Recommendation	Field Notes/Condition Comments	Zone	Northing	Easting
121	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
122	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
123	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
124	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
125	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
126	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
127	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
128	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
129	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01
130	Red Maple	Acer rubrum	Area adjacent to heliport	100	100	4	Good	Remove, construct	Large tree, slightly overgrown, soil compaction issues	D1	4607208.56	448031.01

KEYPLAN

REFER TO ARBORIST REPORT PREPARED BY COLVILLE CONSULTING INC. FILE NO. C23080 DATED SEPTEMBER 19, 2023.

5 - 2023-08-18	ISSUED FOR SPC RE-SUBMISSION	HW
4 - 2023-08-02	ISSUED FOR SPC RESPONSE	HW
3 - 2023-08-18	ISSUED FOR SPC APPLICATION	HW
2 - 2023-07-31	ISSUED FOR SPC SUBMISSION	HW
1 - 2023-04-20	ISSUED FOR TECHNICAL SUBMISSION	HW

date: revision: by:

1Door4Care: CHEO Integrated Treatment Centre: Parking Garage

401 Smyth Rd, Ottawa, ON

PARKADE TREE PRESERVATION & REMOVALS PLAN

scale: 1/200
drawn by: HW/WR
reviewed by: VK
job number: 2207
plot date: 2023/08/18
drawing number: LP0101T

LEGEND			
	PROPERTY LINE		PROPOSED WATER LINE
	LIMIT OF CONSTRUCTION LINE		EXISTING WATER LINE
	CONCRETE PAVING		PROPOSED STORM LINE
	TINTED CONCRETE PAVING		EXISTING STORM LINE
	ASPHALT		PROPOSED DETENTION GALLERY SEE CIVIL
	TACTILE ATTENTION INDICATOR		PROPOSED SANITARY LINE
	TACTILE DIRECTIONAL INDICATOR		EXISTING SANITARY LINE
	EXISTING SOD		PROPOSED HYDRO DUCTS
	SOD		EXISTING UG HYDRO LINES
	NATIVE SEED MIX		MANHOLE REFER TO CIVIL
	EXISTING DECIDUOUS TREE TO REMAIN		PIPE INSULATION SEE CIVIL
	EXISTING CONIFEROUS TREE TO REMAIN		CATCH BASIN REFER TO CIVIL
	EXISTING VEGETATION TO REMAIN		FIRE HYDRANT REFER TO CIVIL
	DECIDUOUS TREE		LIGHT POLES SEE ELEC
	MULTI PURPOSE PATH		
	BENCH		

#	DATE	REVISION	BY
5	2023-09-18	ISSUED FOR SPC RESUBMISSION	IW
4	2023-08-02	ISSUED FOR SPC RESPONSE	IW
3	2023-08-16	ISSUED FOR SPC APPLICATION	IW
2	2023-07-31	ISSUED FOR UG/DI SUBMISSION	IW
1	2023-04-20	ISSUED FOR TECHNICAL SUBMISSION	IW

revisions



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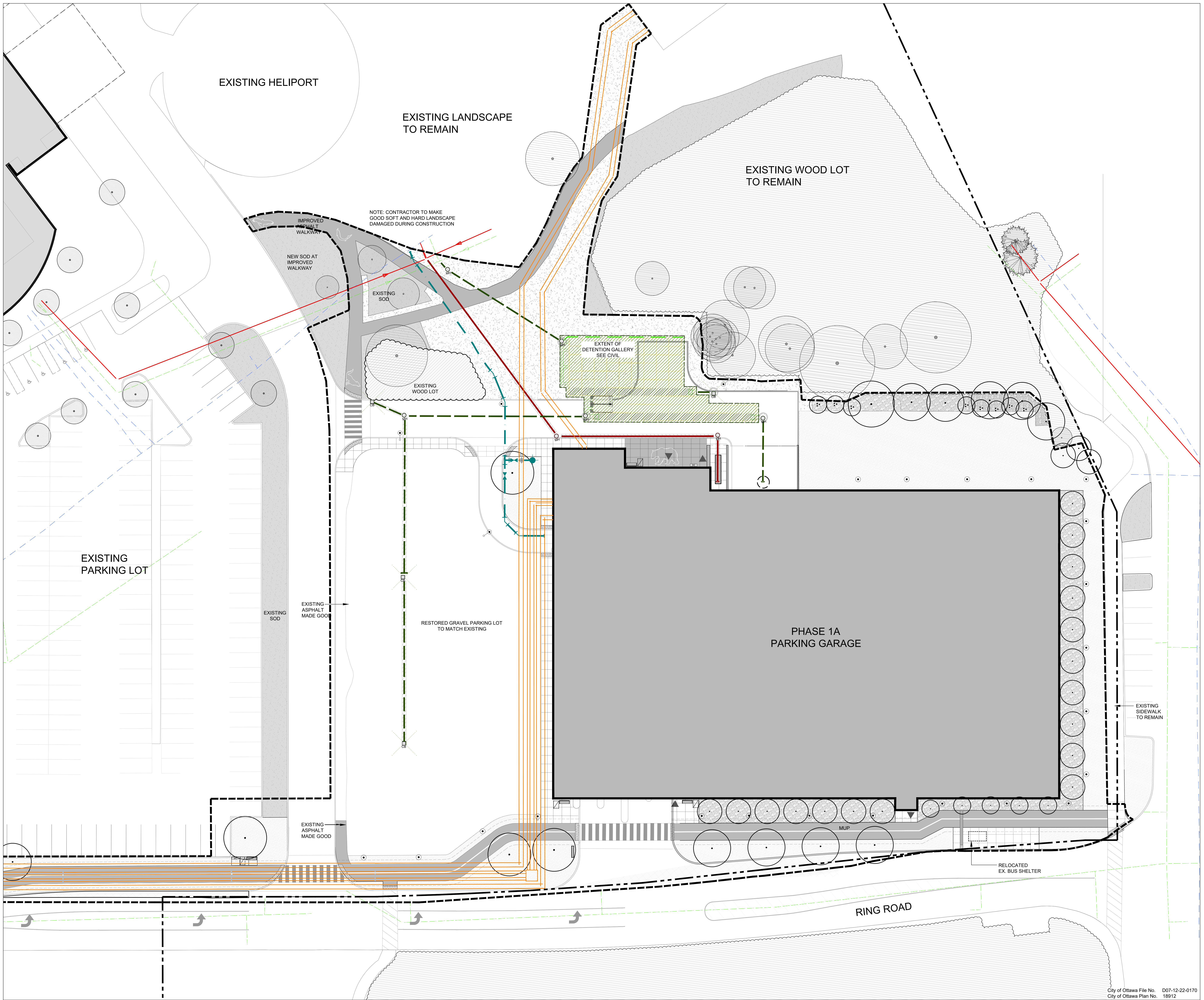
1Door4Care: CHEO Integrated Treatment Centre: Parking Garage

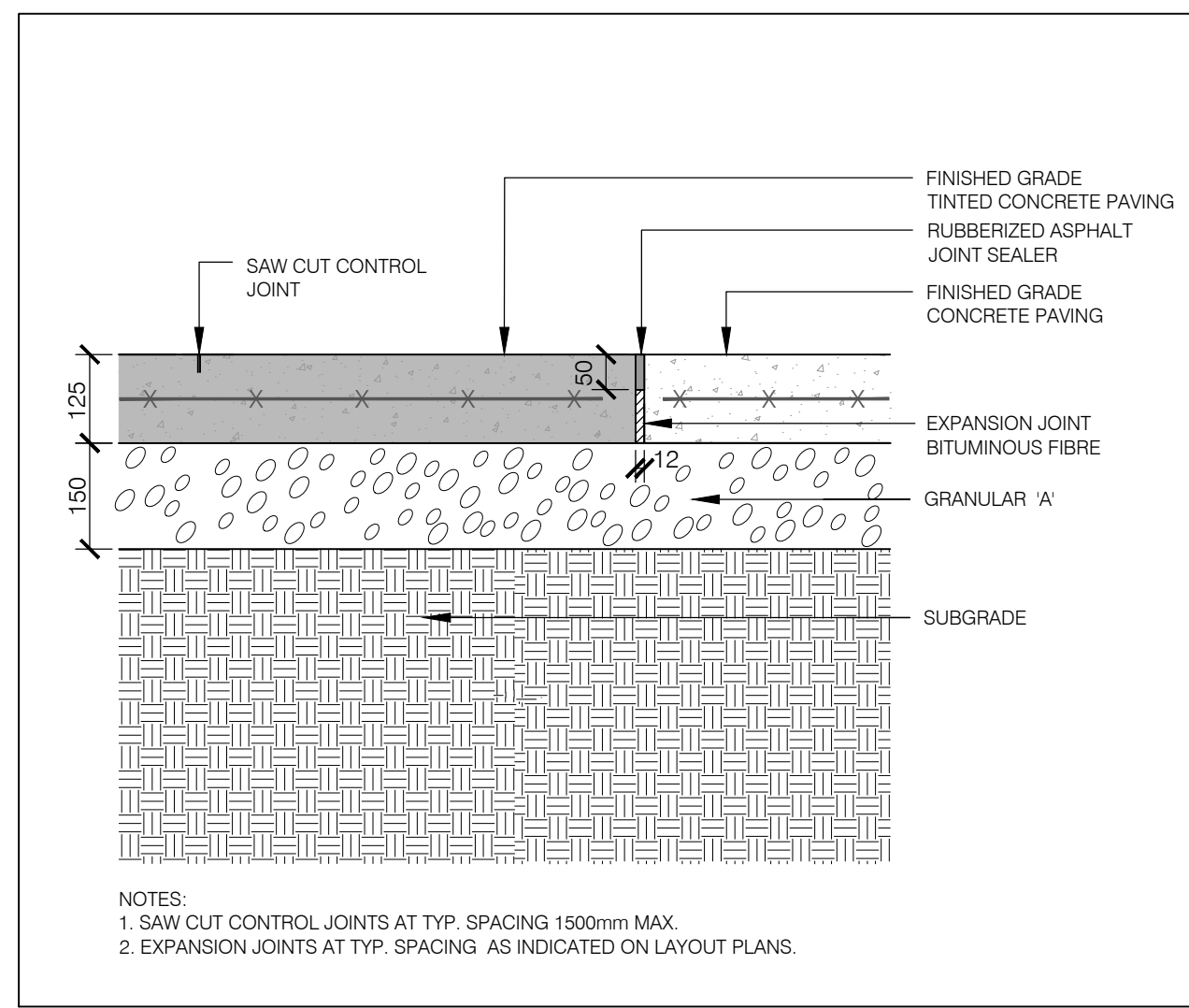
401 Smyth Rd, Ottawa, ON

PARKADE LANDSCAPE UTILITY PLAN

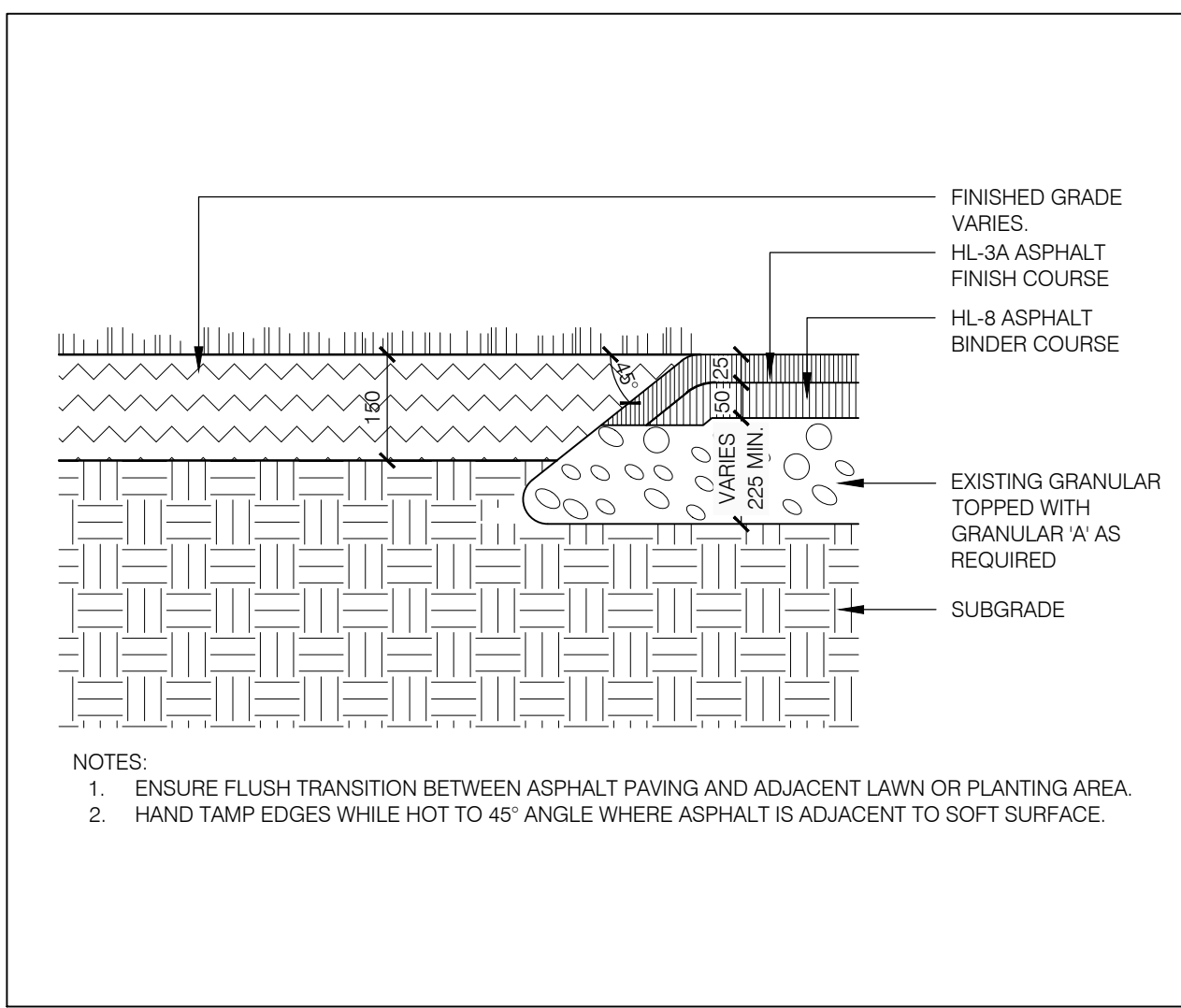
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reviewed by: VK
job number: 2207
plot date: 2023/09/18
drawing number:

LP0101U

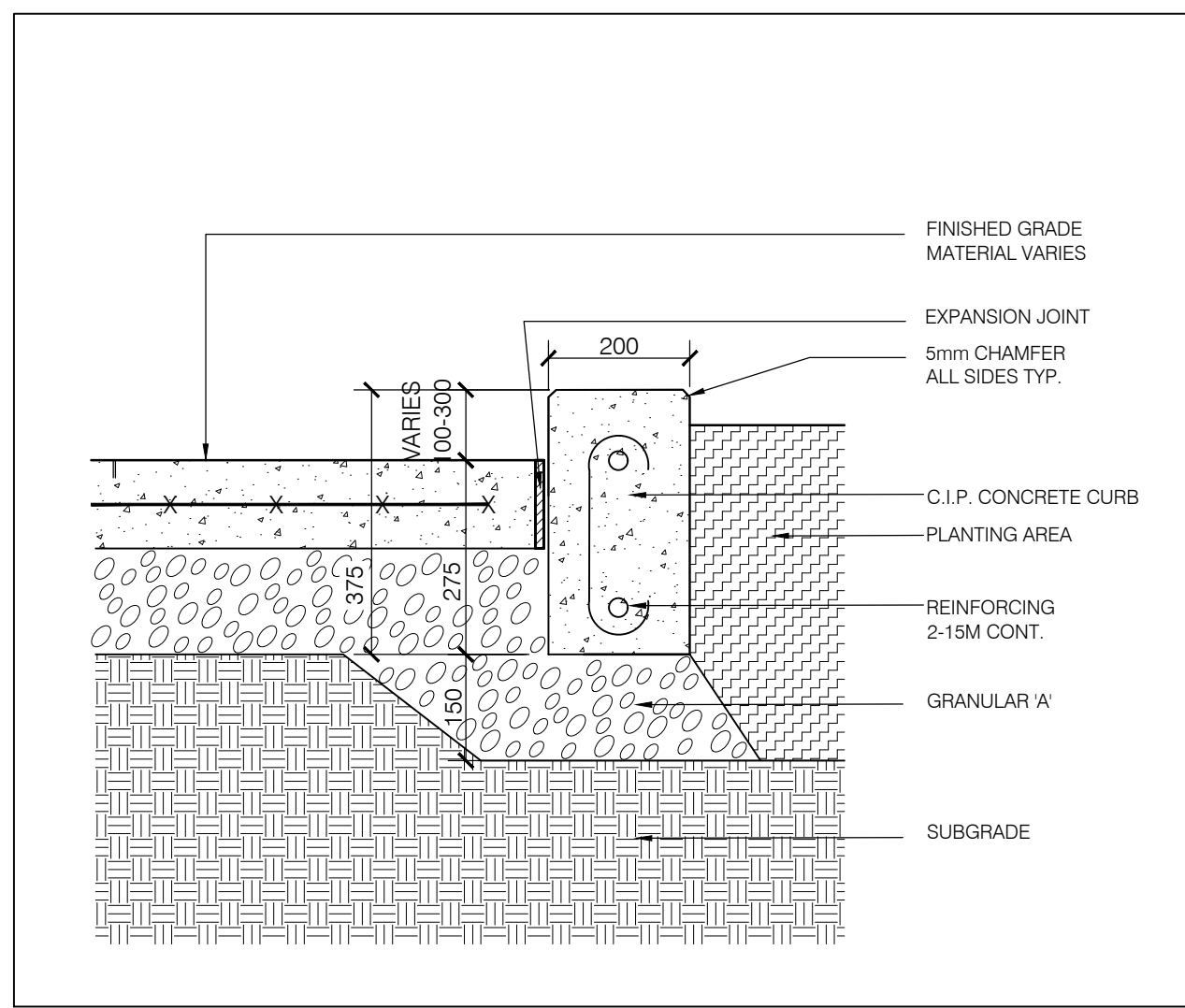




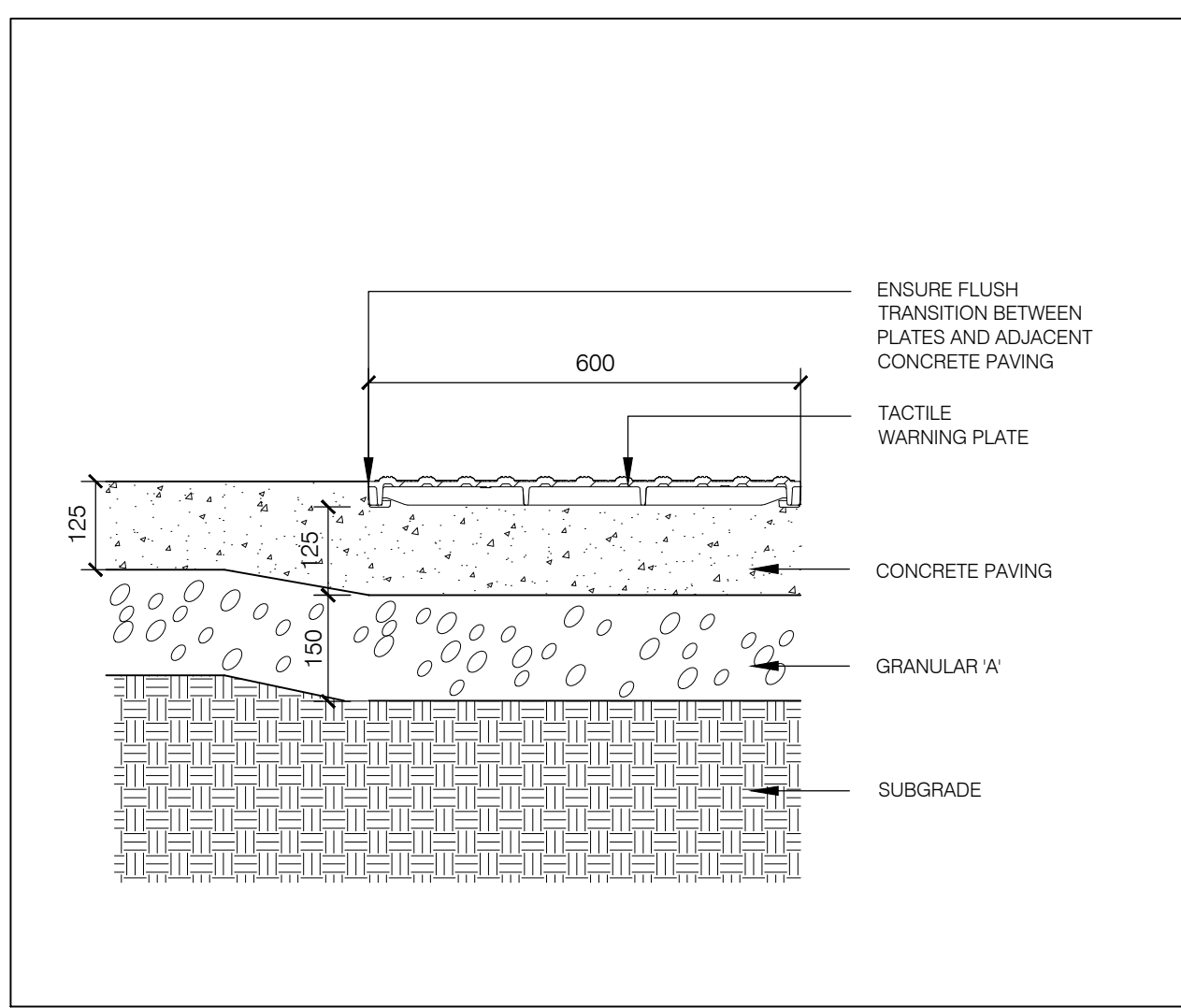
01 TYPICAL CONCRETE AND TINTED CONCRETE PAVING ON GRADE
SECTION SCALE 1:10



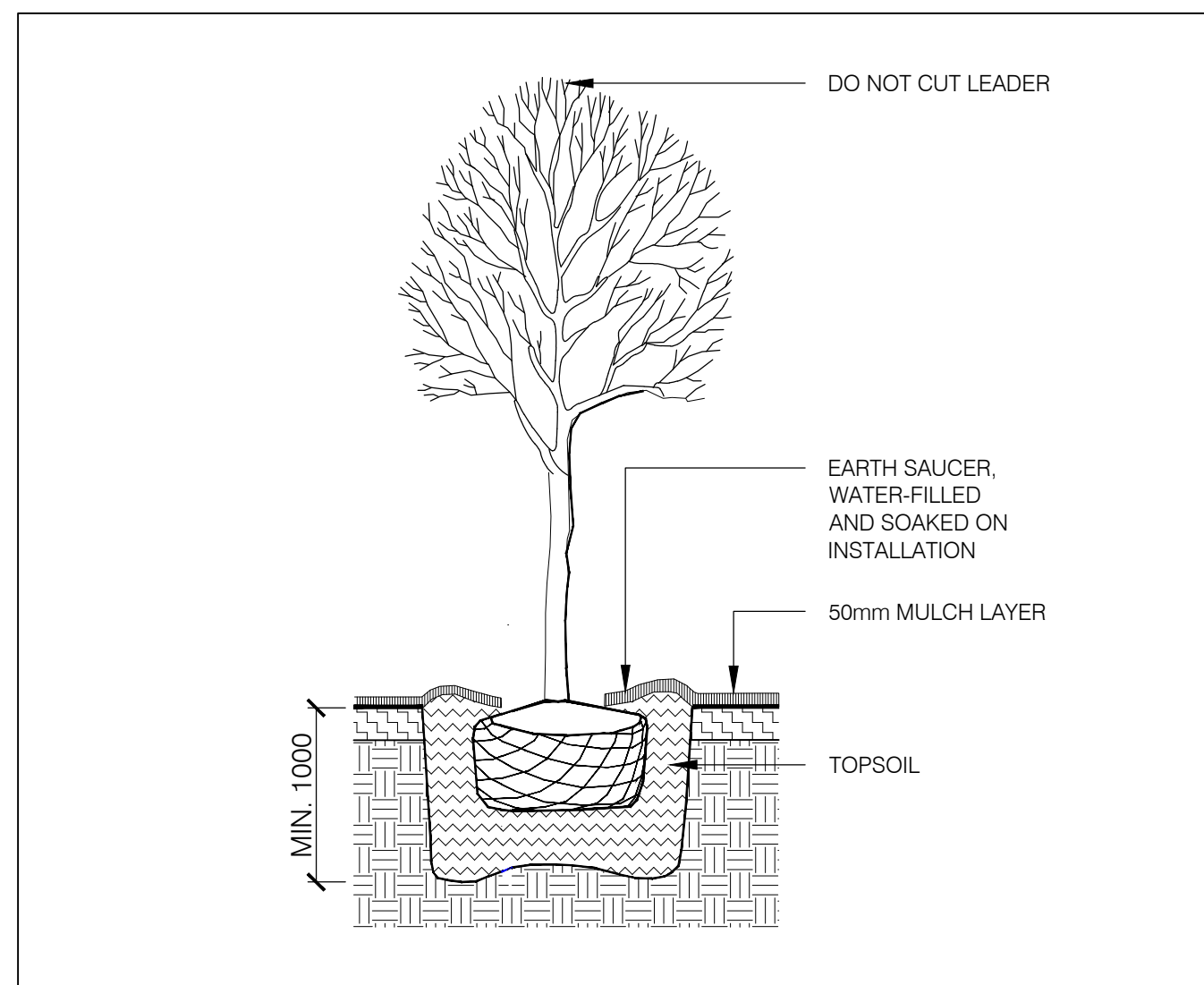
02 TYPICAL MEDIUM DUTY ASPHALT PAVING
SECTION SCALE 1:10



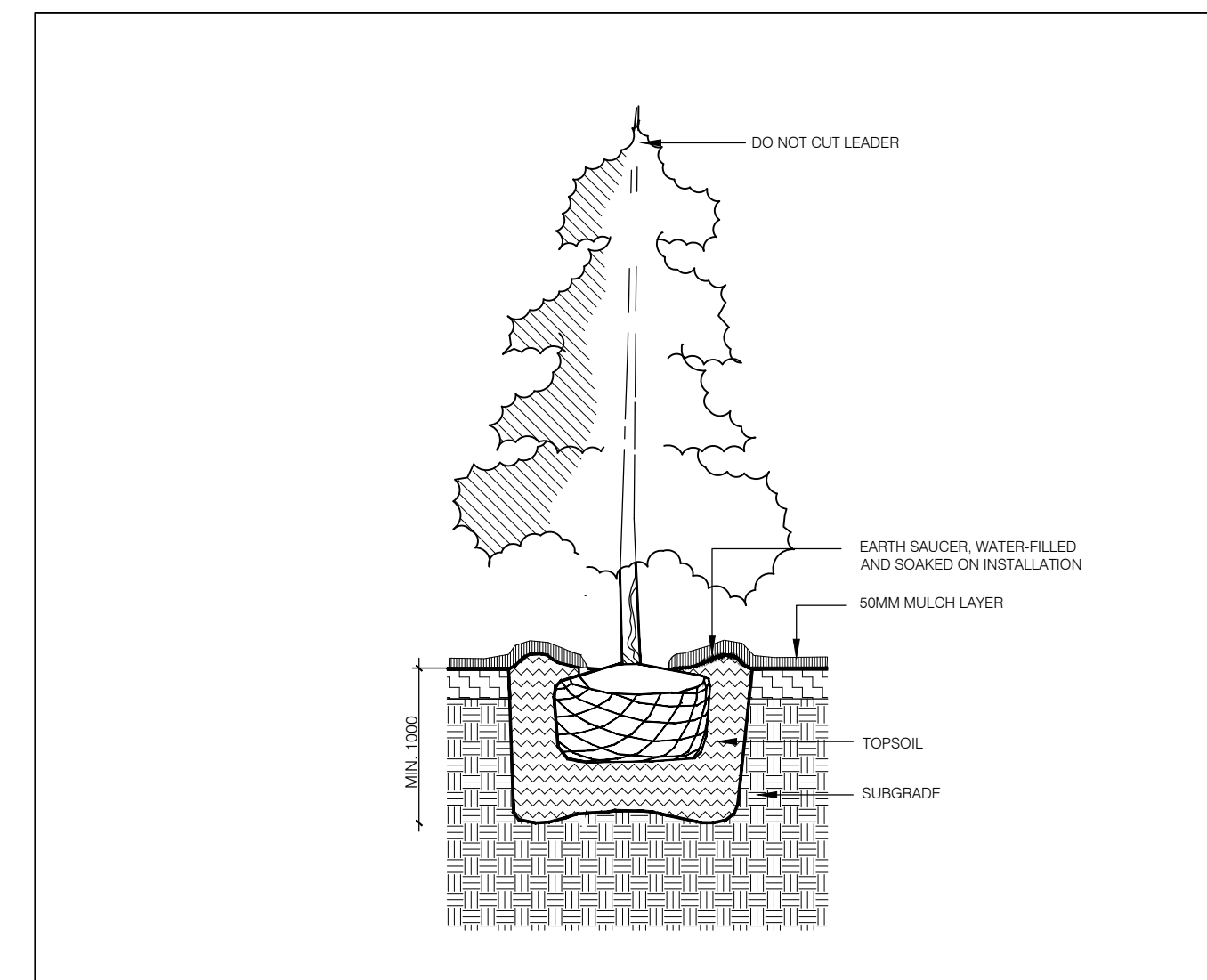
03 TYPICAL CONCRETE PLANTER CURB ON GRADE
SECTION SCALE 1:10



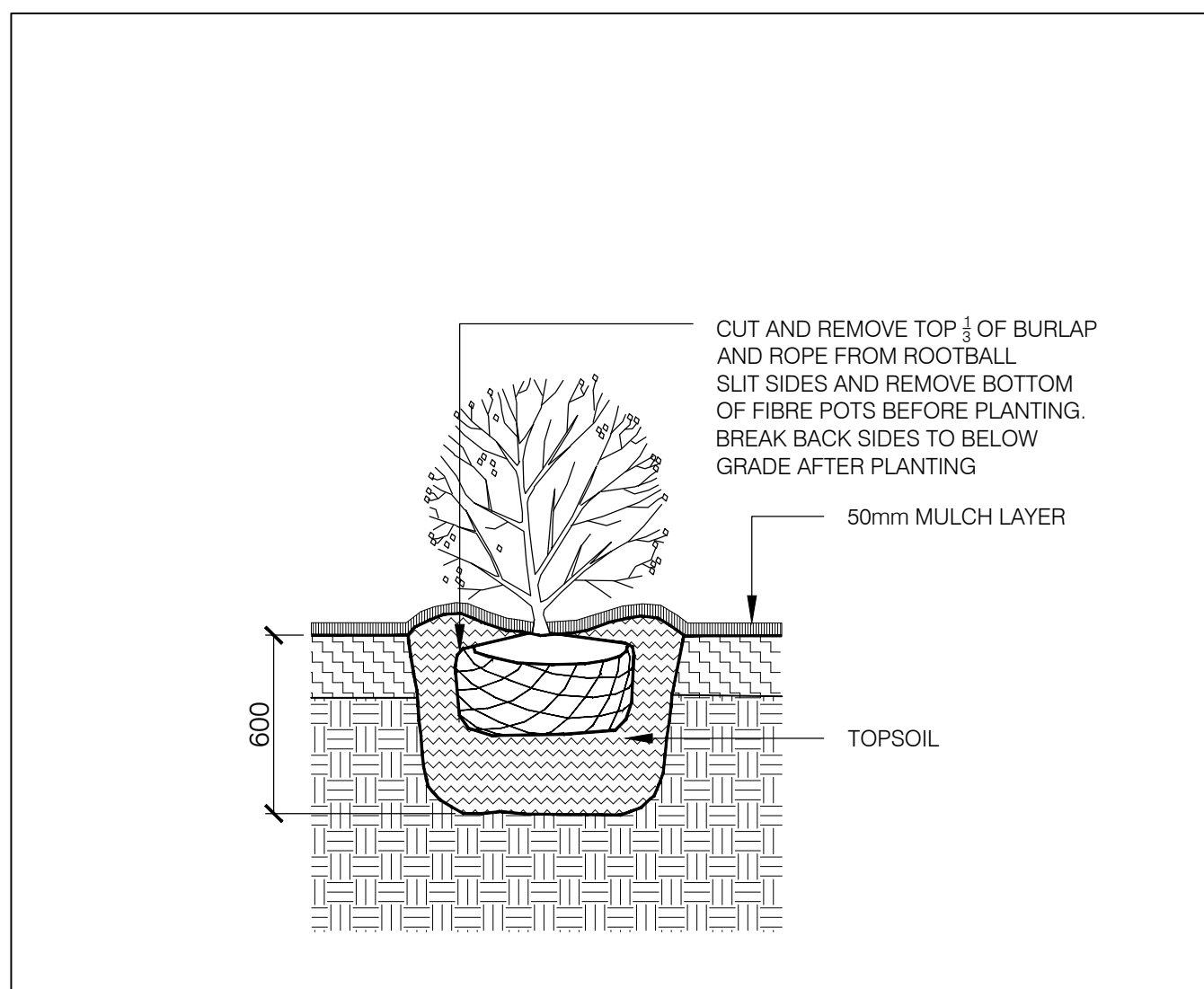
04 TYPICAL TACTILE ATTENTION INDICATOR
SECTION SCALE 1:10



06 TYPICAL DECIDUOUS TREE PLANTING
SECTION SCALE 1:25



07 TYPICAL CONIFEROUS TREE PLANTING
CITY OF OTTAWA STANDARD DETAIL SCALE 1:25



08 TYPICAL SHRUB PLANTING
CITY OF OTTAWA STANDARD DETAIL SCALE 1:25

Esplanade Bench With Tropical Wood Slats

PS-840-AL-WD3-WD3-A Esplanade WD-W

Our 'Esplanade' bench features an all-welded aluminum powdercoated frame, and Tropical Wood Slats. Shown here in our 'Pewter' powdercoat finish with IPE wood slats. Available in a variety of sizes and finishes, freestanding or bolt-down.

Width: 72" (182.9 cm)
Depth: 27.25" (69.2 cm)
Height: 31" (78.7 cm)
Seat Height: 18" (45.7 cm)
Arm Height: 27" (68.6 cm)

sales@hauseite.com | 1-800-268-7328 | hauseite.com

09 TYPICAL BENCH TYPE ONE
MANUFACTURER'S CUT SHEET NOT TO SCALE

LEXICON

MRR-1500-00016
Legacy #: LXRCI503-48-MS-VGST-VGST-RS

MATERIALS: The trash/recycle unit is constructed using a steel frame with laser cut and formed steel body panels. Three 9 gallon (33 litre) commercial grade plastic bins and standard metal lids are provided.

FINISH: All steel components are protected with U-Coat rust proofing. The Maglin Powdercoat System provides a durable finish on all metal surfaces.

INSTALLATION: The trash/recycle unit is delivered pre-assembled. Holes (9/16") are provided in each mounting foot for securing to base.

TO SPECIFY: Select MRR-1500-00016
Options:
- Powdercoat Color

HEIGHT: 47.5" (120.7 cm) LENGTH: 39" (99.1 cm) DEPTH: 18" (45.7 cm) WEIGHT: 216.24 lbs (98.1 kg)

MAGLIN® Site Furniture
7430 Pitt Street
Mississauga, ON L4W 4R7
www.maglin.com
sales@maglin.com

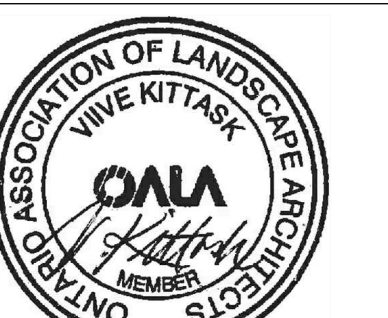
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10 TYPICAL WASTE RECEPTACLE TYPE ONE
MANUFACTURER'S CUT SHEET NOT TO SCALE

KEYPLAN

#	date	revision	by
5	2023-09-18	ISSUED FOR SPC RESUBMISSION	WW
4	2023-08-02	ISSUED FOR SPC RESPONSE	WW
3	2023-08-16	ISSUED FOR SPC APPLICATION	WW
2	2023-07-31	ISSUED FOR IAW/D SUBMISSION	WW
1	2023-04-20	ISSUED FOR TECHNICAL SUBMISSION	WW

date: revision: by:



All drawing and specifications are the property of the architect. The contractor shall verify all dimensions and information on site and report any discrepancy to architect before proceeding.

1Door4Care: CHEO Integrated Treatment Centre: Parking Garage
401 Smyth Rd, Ottawa, ON

LANDSCAPE DETAILS

scale: AS SHOWN
drawn by: IWRM
reviewed by: VK
job number: 2207
plot date: 2023/09/18
drawing number:

LP0200