GARRY CARDIFF WING

EXISTING MAX KEEPING WING

EXISTING CHEO

EXISTING RETAINING WALL TO REMAIN

EXISTING RETAINING WALL TO REMAIN

LIMIT OF WORK PHASE 1B: CHEO INTEGRATED TREATMENT

LIMIT OF WORK PHASE 1A: PARKING GARAGE

EXISTING LANDSCAPE TO REMAIN

FUTURE HEALING GARDEN BY OTHERS

LEVEL 2 ENTRANCE

PHASE 1B CHEO INTEGRATED TREATMENT CENTRE

INDIGENOUS GATHERING SPACE

RING ROAD

LIMIT OF WORK PHASE 1B

LEVEL 1 MAIN ENTRANCE

COLUMNS SEE ARCH

CANOPY ABOVE SEE ARCH.

ARRIVAL GARDEN

PARKING LOT B

RING ROAD

PROPERTY LINE

WAYFINDING SIGNAGE SEE SIGNAGE

ADDITIONAL WORK BOUNDARY

WAYFINDING SIGNAGE

APPROVED
By Lily Xu at 1:18 pm, Apr 22, 2025

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, DEVELOPMENT, AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

CHEO
1Door4Care

Infrastructure Ontario

EllisDon
INFRASTRUCTURE Healthcare

VERTECHS DESIGN
landscape architects

KEYPLAN

N

0 5 10 15m
SCALE 1:250

LEGEND

- PROPERTY LINE
- LIMIT OF CONSTRUCTION LINE
- CONCRETE PAVING
- TINTED CONCRETE PAVING
- VEHICULAR CONCRETE PAVING
- EXISTING SOD
- SOD
- EXISTING DECIDUOUS TREE TO REMAIN
- EXISTING VEGETATION TO REMAIN
- EXISTING DECIDUOUS TREE TO REMOVE
- EXISTING CONIFEROUS TREE TO REMOVE
- TREE PROTECTION HOARDING

#	date:	revision:	by:
9	2025-02-20	ISSUED FOR SITE PLAN CONTROL RESUBMISSION R1	IW
8	2024-12-09	ISSUED FOR SITE PLAN CONTROL RESUBMISSION	IW
7	2024-11-27	ISSUED FOR 100% CD	IW
6	2024-09-06	ISSUED FOR 50% CD RESUBMISSION	IW
5	2024-08-23	ISSUED FOR SITE PLAN CONTROL	IW
4	2024-08-07	ISSUED FOR 50% CD SUBMISSION	IW
3	2024-04-19	ISSUED FOR 100% DD SUBMISSION	IW
2	2023-12-20	ISSUED FOR BUILDING PERMIT (TUNNEL)	IW
1	2023-12-15	ISSUED FOR 50% DD SUBMISSION	IW

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.

CHEO Integrated Treatment Centre

401 Smyth Rd
Ottawa, ON K1H 8L1

OVERALL CHEO INTEGRATED TREATMENT LANDSCAPE TREE PRSERVATION AND REMOVALS PLAN

scale:	1:250
drawn by:	IW/WN
reviewed by:	VK
job number:	2307
plot date:	2025-02-20

drawing number:

L0601T

File number: D07-12-24-0121
Plan number: 19223

Tag #	Species	Scientific Name	Location	DBH (cm)	Critical Root Zone (CRZ) (cm)	Dripline	Health	Ownership	Recommendation	Field Notes/Condition Comments	Zone	Northing	Easting
501	American Basswood	Tilia Americana	Treatment Facility	59	590	7	Good/Fair	Private - CHEO	Remove, construction	Multi-stem, Good canopy	18T	5027830.59	448597.83
502	American Elm	Ulmus americana	Treatment Facility	38	300	4	Good/Fair	Private - CHEO	Remove, construction	Stripes at 3m, 80% canopy, some dieback	18T	5027826.94	448595.76
503	Cherry Plum	Prunus cerasifera	Treatment Facility	14,14,12,12	140	5	Good	Private - CHEO	Remove, construction	3 suppos, at corner of driveway	18T	5027824.43	448596.89
504	American Elm	Ulmus americana	Treatment Facility	73	240	4	Fair/Poor	Private - CHEO	Remove, construction	90% canopy dieback	18T	5027812.36	448598.34
505	Red Pine	Pinus resinosa	Treatment Facility	60	400	4	Poor	Private - CHEO	Remove, construction	Suite of dieback, epicormic growth	18T	5027813.27	448588.94
506	Red Pine	Pinus resinosa	Treatment Facility	60	400	4	Poor	Private - CHEO	Remove, construction	Suite of dieback, epicormic growth	18T	5027813.27	448588.94
507	American Elm	Ulmus americana	Treatment Facility	36	300	4	Good	Private - CHEO	Remove, construction	Compromised bark, visible at 1m	18T	5027811.61	448592.13
508	Sugar Maple	Acer saccharum	Treatment Facility	65	400	4	Fair/Poor	Private - CHEO	Remove, construction	Significant canopy dieback, reinning codominant stem	18T	5027744.43	448519.75
509	American Elm	Ulmus americana	Treatment Facility	12	120	3	Good/Fair	Private - CHEO	Remove, construction	Severe, good vigour	18T	5027826.74	448553.17
540	Cherry Plum	Prunus cerasifera	Treatment Facility	33,33	205	5	Good	Private - CHEO	Remove, grading	Multi-stem, sprouting	18T	5027847.09	448519.14
541	White Spruce	Picea glauca	Treatment Facility	36	300	5	Good/Fair	Private - CHEO	Remove, grading	Slight lean, good canopy	18T	5027847.89	448519.14
542	White Spruce	Picea glauca	Treatment Facility	38	340	5	Good	Private - CHEO	Remove, grading	Slight lean, some dieback, some mechanical damage	18T	5027847.89	448519.14
543	Cherry Plum	Prunus cerasifera	Treatment Facility	18	190	3	Good	Private - CHEO	Remove, grading	Good taper, healthy canopy	18T	5027718.07	448571.39
544	Cherry Plum	Prunus cerasifera	Treatment Facility	31,32,18	240	4	Good	Private - CHEO	Remove, grading	Multi-form	18T	5027718.07	448573.84
545	White Spruce	Picea glauca	Treatment Facility	36	300	5	Good/Fair	Private - CHEO	Remove, grading	Some canopy dieback	18T	5027723.26	448581.39
546	Sugar Maple	Acer saccharum	Treatment Facility	42	420	5	Good/Fair	Private - CHEO	Retain	Lesion at 3m, codominant	18T	5027727.87	448583.84
547	White Spruce	Picea glauca	Treatment Facility	38	300	5	Good	Private - CHEO	Retain	No sign of disease	18T	5027721.64	448584.94
548	White Spruce	Picea glauca	Treatment Facility	36	300	5	Good	Private - CHEO	Retain	Slight lean, good crown	18T	5027721.64	448584.94
549	Sugar Maple	Acer saccharum	Treatment Facility	34	340	4	Fair	Private - CHEO	Remove, grading	Dieback in crown, broken branches removed	18T	5027721.35	448583.58
551	White Spruce	Picea glauca	Treatment Facility	34	340	4	Fair	Private - CHEO	Remove, grading	Dieback in crown, good taper	18T	5027727.69	448588.89
552	Norway Maple	Acer platanoides	Treatment Facility	46	400	6	Good	Private - CHEO	Remove, grading	Good canopy	18T	5027729.89	448595.54
553	Norway Maple	Acer platanoides	Treatment Facility	28	245	6	Good	Retain	Tree drawn, adjacent existing CHEO		18T	5027705.92	448528.51
554	Norway Maple	Acer platanoides	Treatment Facility	28	245	6	Good	Retain	Tree drawn, adjacent existing CHEO		18T	5027705.92	448528.51
555	Norway Maple	Acer platanoides	Treatment Facility	16	190	3	Good	Private - CHEO	Remove, construction	Multi-form, healthy canopy	18T	5027826.28	448592.13
556	Japanese Lilac	Syringa reticulata	Treatment Facility	14	190	2	Fair/Poor	Private - CHEO	Remove, construction	Significant bond damage, reduced canopy	18T	5027829.68	448596.53
557	Silver Maple	Acer saccharum	Treatment Facility	22,15	260	4	Good	Private - CHEO	Remove, construction	Crown at base	18T	5027834.87	448604.93
558	Sugar Maple	Acer saccharum	Treatment Facility	48	400	5	Fair	Private - CHEO	Remove, construction	Two leaders, weak union at 2m	18T	5027841.76	448955.31
559	White Spruce	Picea glauca	Treatment Facility	39	300	5	Fair/Poor	Private - CHEO	Remove, construction	Thinning, codominant at top	18T	5027841.76	448955.31
561	Common Buckthorn	Rhamnus cathartica	Treatment Facility	12	120	3	Good	Private - CHEO	Remove, grading	Multi-stem, invasive	18T	5027753.13	448573.81
562	Common Buckthorn	Rhamnus cathartica	Treatment Facility	12	120	3	Good	Private - CHEO	Remove, grading	Multi-stem, invasive	18T	5027753.13	448573.81
563	Common Buckthorn	Rhamnus cathartica	Treatment Facility	12	120	3	Good	Private - CHEO	Remove, grading	Multi-stem, invasive	18T	5027752.95	448577.09
564	Common Buckthorn	Rhamnus cathartica	Treatment Facility	12	120	3	Good	Private - CHEO	Remove, grading	Multi-stem, invasive	18T	5027748.47	448565.20
565	Common Buckthorn	Rhamnus cathartica	Treatment Facility	10	120	4	Good	Private - CHEO	Remove, construction	Multi-stem, invasive	18T	5027743.41	448563.13
566	Common Buckthorn	Rhamnus cathartica	Treatment Facility	10	120	4	Good	Private - CHEO	Remove, construction	Multi-stem, invasive	18T	5027765.40	448589.18
567	Common Buckthorn	Rhamnus cathartica	Treatment Facility	10,10	120	4	Good	Private - CHEO	Remove, construction	Multi-stem, invasive	18T	5027765.40	448589.18
568	Common Buckthorn	Rhamnus cathartica	Treatment Facility	18	130	3	Good	Private - CHEO	Remove, construction	Multi-stem, invasive	18T	5027733.33	448563.92
569	Japanese Lilac	Syringa reticulata	Treatment Facility	12	130	2	Good	Private - CHEO	Remove, construction	Multi-trunk, Good condition	18T	5027828.89	448543.62
570	Japanese Lilac	Syringa reticulata	Treatment Facility	12	130	3	Good	Private - CHEO	Remove, construction	Multi-trunk, good canopy	18T	5027834.43	448563.31
571	White Spruce	Picea glauca	Treatment Facility	28	240	3	Fair	Private - CHEO	Remove, construction	Codominant at top, branch die back throughout	18T	5027823.39	448522.22
572	White Spruce	Picea glauca	Treatment Facility	28	240	3	Fair	Private - CHEO	Remove, construction	Codominant at top, branch die back throughout	18T	5027823.39	448522.22
573	White Spruce	Picea glauca	Treatment Facility	28	240	3	Fair	Private - CHEO	Remove, construction	Slight lean, branch dieback	18T	5027828.74	448509.96
574	Cherry Plum	Prunus cerasifera	Treatment Facility	30,19,18,28	280	7	Good	Private - CHEO	Remove, construction	Stump, cut on body, mold seen	18T	5027867.83	448555.96
576	Cherry Plum	Prunus cerasifera	Treatment Facility	13,12,12	145	3	Good	Private - CHEO	Remove, construction	Multi-stem, good canopy	18T	5027830.40	448551.30
575	White Spruce	Picea glauca	Treatment Facility	44	440	4	Fair	Private - CHEO	Remove, construction	Branch dieback, topped	18T	5027826.29	448551.30
576	White Spruce	Picea glauca	Treatment Facility	38	320	4	Fair	Private - CHEO	Remove, construction	Branch dieback, topped	18T	5027824.53	448549.82
577	White Spruce	Picea glauca	Treatment Facility	38	320	4	Fair	Private - CHEO	Remove, construction	Severe dieback in crown, dieback, trunk wound	18T	5027824.53	448549.82
578	White Spruce	Picea glauca	Treatment Facility	44	440	4	Fair	Private - CHEO	Remove, construction	Severe dieback in crown, good taper	18T	5027826.79	448547.34
579	White Spruce	Picea glauca	Treatment Facility	28	300	4	Good/Fair	Private - CHEO	Remove, construction	Dieback at top of crown	18T	5027820.23	448546.53
580	White Spruce	Picea glauca	Treatment Facility	38	380	4	Good/Fair	Private - CHEO	Remove, construction	Good taper, some branch dieback	18T	5027834.29	448560.37
581	Cherry Plum	Prunus cerasifera	Treatment Facility	25,20,24	240	4	Good	Private - CHEO	Remove, construction	Multi-stem, suckering at stainless link removed	18T	5027828.73	448559.55
582	White Spruce	Picea glauca	Treatment Facility	38	300	3	Fair	Private - CHEO	Remove, construction	Slight lean, branch dieback	18T	5027832.45	448563.28
583	White Spruce	Picea glauca	Treatment Facility	38	300	3	Fair	Private - CHEO	Remove, construction	Slight lean, branch dieback	18T	5027832.45	448563.28
584	Norway Maple	Acer platanoides	Treatment Facility	18	190	2	Fair	Private - CHEO	Remove, construction	Dead branch, reduced canopy	18T	5027834.17	448563.10
585	Norway Maple	Acer platanoides	Treatment Facility	18	190	2	Fair	Private - CHEO	Remove, construction	Frost crack on trunk, weak union at 170cm,	18T	5027834.52	448940.61
586	Norway Maple	Acer platanoides	Treatment Facility	16	160	4	Fair	Private - CHEO	Remove, construction	Multi-trunk dieback, reduced canopy	18T	5027835.30	448939.24
501	Apple sp.	Malus sp.	Treatment Facility	33,33	205	4	Good	Private - CHEO	Retain	Multi-stem, fork bearing, mid stage adjacent roadway	18T	5027832.57	448941.95
502	American Basswood	Tilia Americana	Treatment Facility	74	590	7	Good	Private - CHEO	Retain	Multi-stem, good canopy, some dieback	18T	5027832.57	448941.95
503	Norway Maple	Acer platanoides	Treatment Facility	52	300	5	Good	Private - CHEO	Retain	Multi-stem, good canopy, some dieback	18T	5027832.57	448941.95
504	Chinese Crab Apple	Malus hupehensis	Treatment Facility	18	180	4	Fair/Good	Private - CHEO	Remove, construction	Reduced photo period due to location, heavy groundcover, some dieback	18T	5027824.43	448964.03
505	Cherry Plum	Prunus cerasifera	Treatment Facility	17	170	4	Fair/Good	Private - CHEO	Retain	Reduced photo period due to location, heavy groundcover, some dieback	18T	5027713.39	448943.81
506	Common Buckthorn	Rhamnus cathartica	Treatment Facility	12	120	4	Good	Private - CHEO	Remove, invasive	On slope, smaller specimen in vicinity	18T	5027817.75	448902.95
507	Cherry Plum	Prunus cerasifera	Treatment Facility	18	180	4	Fair/Good	Private - CHEO	Retain	Reduced photo period due to location, heavy groundcover, some dieback	18T	5027717.85	448934.79
508	Red Maple	Acer rubrum	Treatment Facility	18	160	4	Good	Private - CHEO	Retain	Fresh mulch, good taper, healthy canopy	18T	5027740.91	448883.87

*Tag 516 missing, not on survey

TREE INVENTORY BY COLVILLE CONSULTING

NOT TO SCALE

NOTE: FOR TREE INVENTORY DATA REFER TO TREE CONSERVATION REPORT PREPARED BY COLVILLE CONSULTING INC. DATED DECEMBER 9, 2024.

TREE PROTECTION
FENCING
TREE TRUNK
CRZ (RADIUS)
CRZ (MIN.)
PLAN VIEW

CRZ = DBH X 10CM.
CRZ IS TO BE MEASURED FROM THE OUTSIDE EDGE OF THE TREE BASE

1.9M MIN. HIGH TREE PROTECTION FENCING AS PER REQUIREMENT # 3

TREE PROTECTION SIGNAGE AS PER CITY STANDARD

POSTS TO BE SPACED AT 2.4M C/C MAX AS PER REQUIREMENT # 3

DBH
1.5 M
GRADE
SOIL AND ROOT DISTURBANCE NOT PERMITTED

ACCESSIBLE FORMATS AND COMMUNICATION SUPPORTS ARE AVAILABLE, UPON REQUEST

TREE PROTECTION REQUIREMENTS:

1. PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
2. UNLESS OTHERWISE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
   - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING OUTHOUSES;
   - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
   - DO NOT RAISE OR LOWER THE EXISTING GRADE;
   - TUNNEL OR BORE WHEN DIGGING;
   - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY PART;
   - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
   - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING
3. TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC - STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"X4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ, AND INSTALLATION MUST MINIMISE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)
4. THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (.E.G. TREE CONSERVATION REPORT, TREE INFORMATION REPORT, ETC). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
5. IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS, AND/OR THE ROOTS MUST BE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

THE CITY'S TREE PROTECTION BY-LAW, 2020-340 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY-OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREEBYLAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

Ottawa

TREE PROTECTION SPECIFICATION

TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

SCALE:	NTS
DATE:	MARCH 2021
DRAWING NO.:	1 of 1

01 L0601T TYPICAL TREE PROTECTION HOARDING
CITY OF OTTAWA DETAIL

NOT TO SCALE

2022-11-29 3:31:47 PM Autodesk Docs://2304_LHC_CHEO_R22/2304_LHC-CHEO_MSA_MAIN_R22.rvt