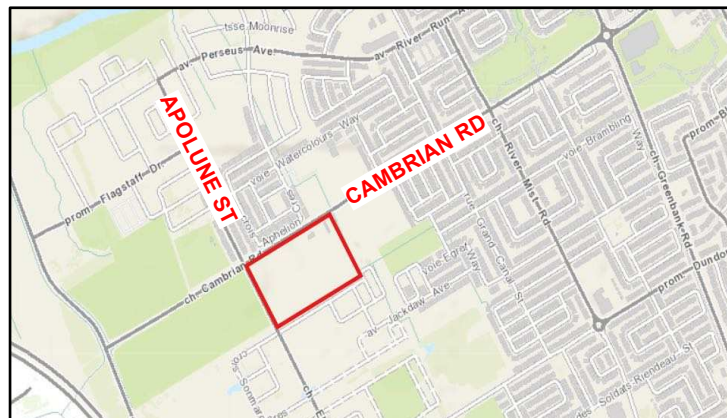
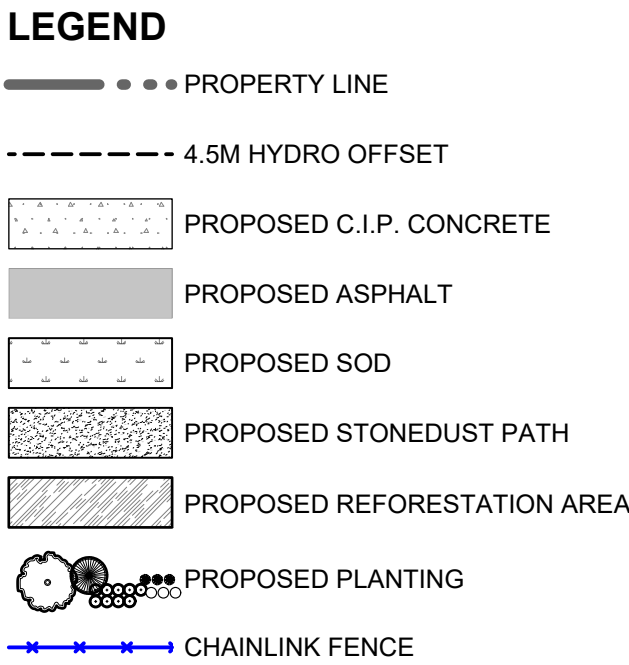




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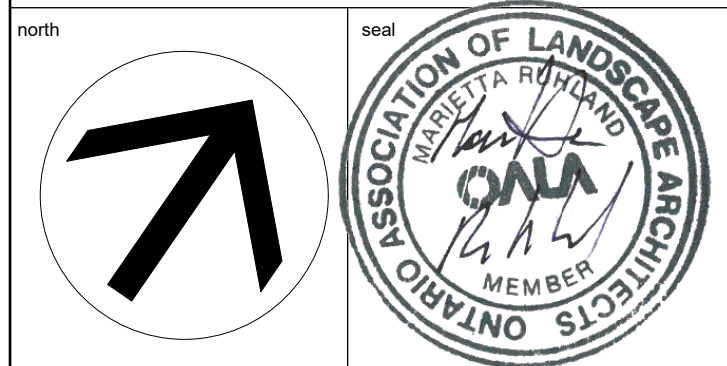
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01	Issued for SPC Submission	2026/07/24
no.	revision	date

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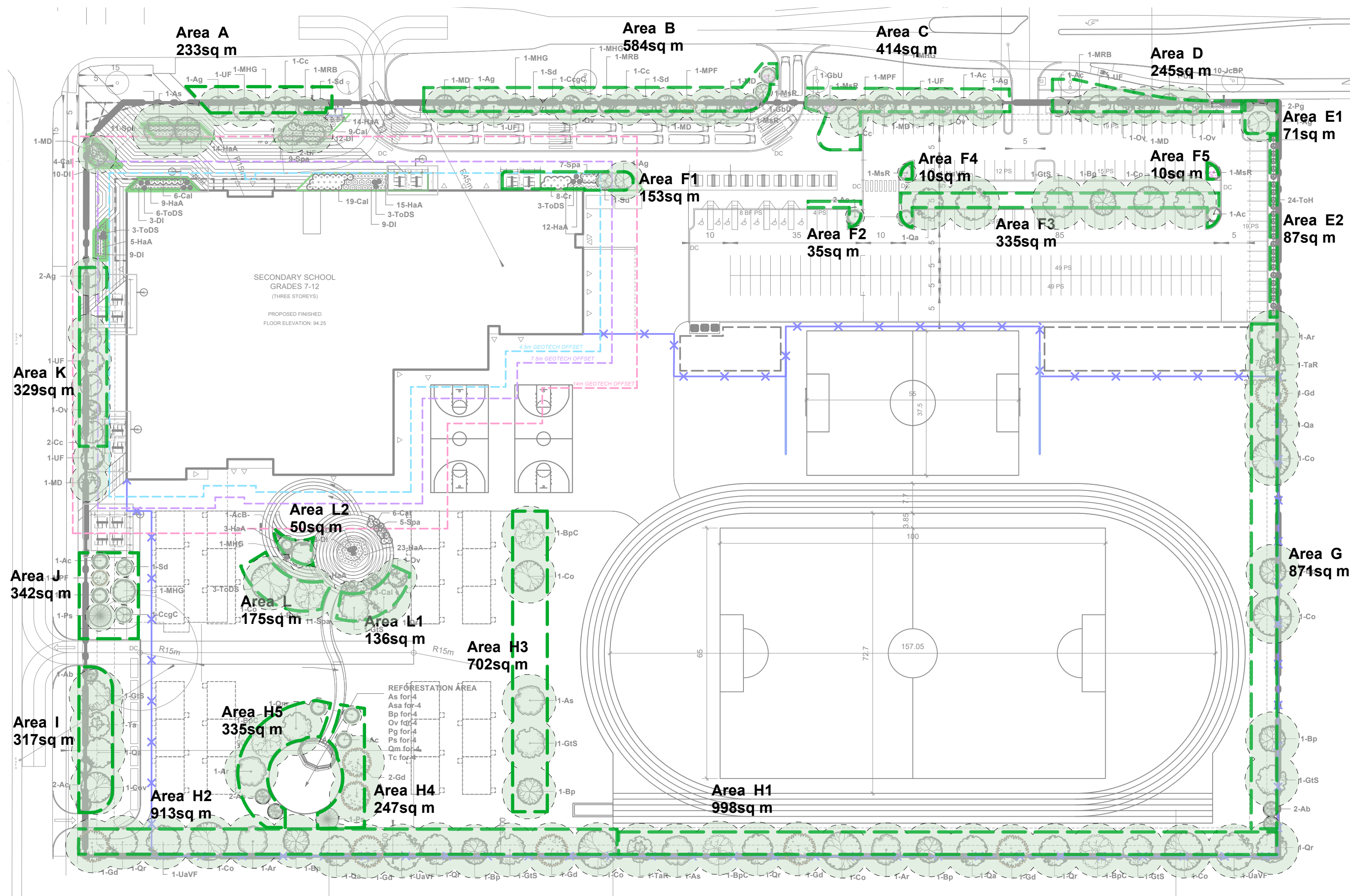
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project number	drawing number	L - 01
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RA 26-1779		
CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.		revision
DO NOT SCALE DRAWINGS		

Ntv	Sd	5	Sorbus Americana	Mountain Ash	10 - 30ft	45mm caliper	WB, Staked
		12	ORNAMENTAL TREES				
Non N	MHG	6	Malus x 'Harvest Gold'	Harvest Gold Crabapple	18 - 22 ft	50mm caliper	---
Non N	MRB	3	Malus x 'Royal Beauty'	Royal Beauty Crabapple	15 - 35 ft	50mm caliper	WB, Staked
Non N	MPF	3	Malus 'Prairie Fire'	Prairie Fire Crabapple	7.0m ht	50mm caliper	WB, Staked
		2	SMALL ORNAMENTAL TREES				
Non N	MsR	1	Malus sargentii 'Rosea'	Pink Flowering Crabapple	10ft	45mm cal.	WB, Staked
Non N	GbU	1	Ginkgo biloba 'Umbrella'	Umbrella Maidenhair Tree	2-3m	45mm cal.	WB, Staked
		9	CONIFEROUS TREES				
Ntv	Ab	5	Abies balsamea	Balsam Fir	35 - 50 ft	200 cm ht	WB, Staked
Ntv	Pg	2	Picea glauca	White Spruce	---	200 cm ht	WB, Staked
Ntv	Ps	2	Pinus strobus	Eastern White Pine	50 - 80 ft	200 cm ht.	WB, Staked
			CONIFEROUS SHRUBS				
Non N	JcBP	10	Juniperus chinensis 'Blue Point'	Blue Point Juniper	10 - 12 ft	150 cm ht	Potted
Ntv H	ToDS	18	Thuja occidentalis 'Degroot's Spire'	Degroot's Spire Arborvitae	15 - 35 ft.	150 cm ht.	Potted
Ntv	ToH	24	Thuja occidentalis 'Holmstrup'	Holmstrup Eastern Arborvitae	5 - 10 ft	150cm ht	Potted
		32	REFORESTATION PLANTING				
Ntv	As for	4	Acer saccharum	Sugar Maple	35 - 50 ft	150 cm ht.	Bare root
Ntv	Asa for	4	Acer rubrum	Red Maple	50 - 80 ft	150 cm ht.	Bare root
Ntv	Bp for	4	Betulus papyrifera	White Birch	50 - 80 ft	150 cm ht.	Bare root
Ntv	Ov for	4	Ostrya virginiana	American Hophornbeam	15 - 35 ft	150 cm ht.	Bare root
Ntv	Pg for	4	Picea glauca	White Spruce	---	75 cm ht.	Potted
Ntv H	Ps for	4	Pinus strobus	White Pine	---	50 cm ht.	Potted
Ntv	Qm for	4	Quercus macrocarpa	Bur Oak	50 - 80 ft	150 cm ht.	Bare root
Ntv	Tc for	4	Tsuga canadensis	Canadian Hemlock	35 - 50 ft	75 cm ht.	Potted
		257	SHRUBS				
Ntv	Cal	47	Clethra alnifolia	Summersweet Clethra	5 - 10 ft	50cm ht	BB
Ntv	Cr	8	Cornus racemosa	Gray Dogwood	>3 - 5m	50cm ht	BB
Ntv	DI	56	Diervilla lonicera	Dwarf Bush-honeysuckle	>90 - 150cm		2 gallon pot
Ntv H	HaA	103	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	>90 - 150cm	2 gallon pot	Potted

NOTE:
THERE ARE NO TREES ABOVE 10CM DIAMETER (DBH) FOUND ON SITE.

PLANT ORIGIN KEY:
 NTV = NATIVE SPECIES
 NTV H = NATIVE SPECIES, HORTICULTURAL VARIANT
 NON NH = NATIVE SPECIES HYBRIDISED WITH NON-NATIVE SPECIES
 NON N = NON-NATIVE SPECIES

XXXX:

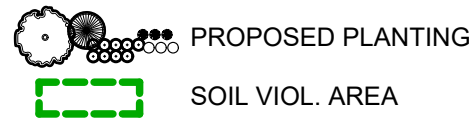


1 CANOPY COVERAGE & SOIL VOLUMES
L- 02 Scale: 1:850

HMB Highschool					
Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA Target Soil Volume (m ³)	Design Soil Volume	Soil Adequacy percentage	%Soil to be supplied by contractor
AREA A - 3 Medium Trees, 2 Ornamental & 1 Small Tree plant bed (233 sq m x 0.4 ave metre deep)	6	115.0	93.2	81%	SEE NOTE 2
AREA B - 8 Medium Trees, 4 Ornamental & 6 Small Trees plant bed (584 sq m x 0.4 ave metre deep)	18	282.0	233.6	83%	SEE NOTE 2
AREA C - 1 Large Trees, 5 Medium, 4 Small Tree, 2 Ornamental plant bed (414 sq m x 0.4 ave metre deep)	12	199.0	165.6	83%	SEE NOTE 2
AREA D - 5 Medium Trees, 1 Small Tree & 1 Ornamental Tree plant bed (245 sq m x 0.6 ave metre deep)	7	117.0	147.0	126%	SEE NOTE 2
AREA E1 - 1 Medium Tree, 2 Conifers plant bed (71 sq m x 0.9 ave metre deep)	3	54.0	63.9	118%	SEE NOTE 3
AREA E2 - 24 Coniferous Shrub plant bed (87 sq m x 0.9 ave metre deep)	24	84.0	78.3	93%	SEE NOTE 3
AREA F1 - 1 Medium Tree, 1 Small Tree plant bed (153 sq m x 0.4 ave metre deep)	2	33.0	61.2	185%	SEE NOTE 1
AREA F2 - 1 Small Tree plant bed (35 sq m x 0.9 ave metre deep)	1	25.0	31.5	126%	SEE NOTE 1
AREA F3 - 2 Small Trees, 7 Large Trees plant bed (335 sq m x 0.7 ave metre deep)	9	205.0	234.5	114%	SEE NOTE 1
AREA F4 - 1 Small Ornamental Tree plant bed (10 sq m x 0.9 ave metre deep)	1	9.2	9.0	97%	SEE NOTE 1
AREA F5 - 1 Small Ornamental Tree plant bed (10 sq m x 0.9 ave metre deep)	1	9.2	9.0	97%	SEE NOTE 1
AREA G - 12 Large Trees, 2 Conifers plant bed (871 sq m x 0.4ave metre deep)	14	336.0	348.4	104%	SEE NOTE 4
AREA H1 - 15 Large Trees, 1 Conifer plant bed (998 sq m x 0.4ave metre deep)	16	393.0	399.2	102%	SEE NOTE 4
AREA H2 - 13 Large Trees plant bed (913 sq m x 0.4ave metre deep)	13	325.0	365.2	112%	SEE NOTE 4
AREA H3 - 7 Large Trees plant bed (702 sq m x 0.4ave metre deep)	7	175.0	280.8	160%	SEE NOTE 4
AREA H4 - 2 Large Trees, 2 Small Trees, 1 Conifer plant bed (247 sq m x 0.4ave metre deep)	5	96.0	98.8	101%	SEE NOTE 4
AREA H5 - 13 Large Trees plant bed (335 sq m x 0.4ave metre deep)	6	126.0	134.0	106%	SEE NOTE 4
AREA I - 4 Large Trees, 2 Small Trees, 1 Conifer plant bed (317 sq m x 0.4ave metre deep)	7	148.0	126.8	86%	SEE NOTE 2
AREA J - 2 Ornamental Trees, 4 Small Trees, 1 Conifer plant bed (342 sq m x 0.4ave metre deep)	7	114.0	136.8	120%	SEE NOTE 2
AREA K - 7 Medium Trees plant bed (329 sq m x 0.4ave metre deep)	7	126.0	131.6	104%	SEE NOTE 2
AREA L - 2 Large Trees plant bed (175 sq m x 0.4ave metre deep)	2	50.0	70.0	140%	SEE NOTE 1
AREA L1 - 2 Large Trees, 1 Medium Tree plant bed (136 sq m x 0.4ave metre deep)	3	68.0	54.4	80%	SEE NOTE 1
AREA L2 - 1 Ornamental Tree, 1 Small & 1 Small ornamental plant bed (50 sq m x 0.4ave metre deep)	2	30.0	20.0	67%	SEE NOTE 1

* Smaller columnar trees, small ornamental trees with growth to 8-15cm DBH, large shrubs, and columnar conifers calculated using 'How much soil to grow a big tree' by DeepRoot as a guide

LEGEND



TREE CANOPY COVERAGE		
TOTAL CANOPY AREA	11631.687	m2
TOTAL SITE AREA	60485	m2
PERCENT COVERAGE	19.23%	

NOTES:

PLANTING MEDIUM REQUIREMENTS FOR TREE PLANTING

1 WHERE SOIL VOLUMES ARE WITHIN EXCAVATED DEVELOPMENT AREA:

PROVIDE 100% PLANTING MEDIUM TO DEPTHS INDICATED IN SOIL VOLUME CHART. WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCIVE TO PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm.

2 WHERE SOIL VOLUMES INCLUDE SOIL VOLUMES IN R.O.W. AT PROPERTY LINE

R.O.W. AND WITHIN SUBJECT PROPERTY:
ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET WITHIN THE R.O.W. AREA. REINSTATE ANY DISTURBED AREAS IN R.O.W. OUTSIDE THE 2m RADIUS TREE PITS WITH 100-150mm TOPSOIL AND SOD.
PLACE PLANTING MEDIUM (TO DEPTH INDICATED ON SOIL VOLUME CHART) AT ALL DISTURBED AREAS WHERE EXISTING SOILS ARE REMOVED, OR WHERE EXISTING SOILS ARE NOT CONDUCIVE TO PLANT GROWTH.
ADDITIONAL PLANTING MEDIUM IS NOT REQUIRED WHERE EXISTING SOIL IS PRESENT IN OR ADJACENT TO THE R.O.W. THIS DOES NOT INCLUDE TOPSOIL REQUIRED FOR SODDING.
WHERE SUBSOIL BELOW THE INDICATED DEPTH OF PLANTING MEDIUM IS NOT CONDUCIVE TO PLANT GROWTH, REPLACE WITH APPROVED SUBSOIL TO A FURTHER DEPTH OF 300mm.

BASE CONTRACT TO ASSUME SUBSOIL IS CONDUCIVE TO PLANT GROWTH.

3 WHERE SOIL VOLUMES INCLUDE SOIL VOLUMES ON ADJACENT PROPERTY AT PROPERTY LINE

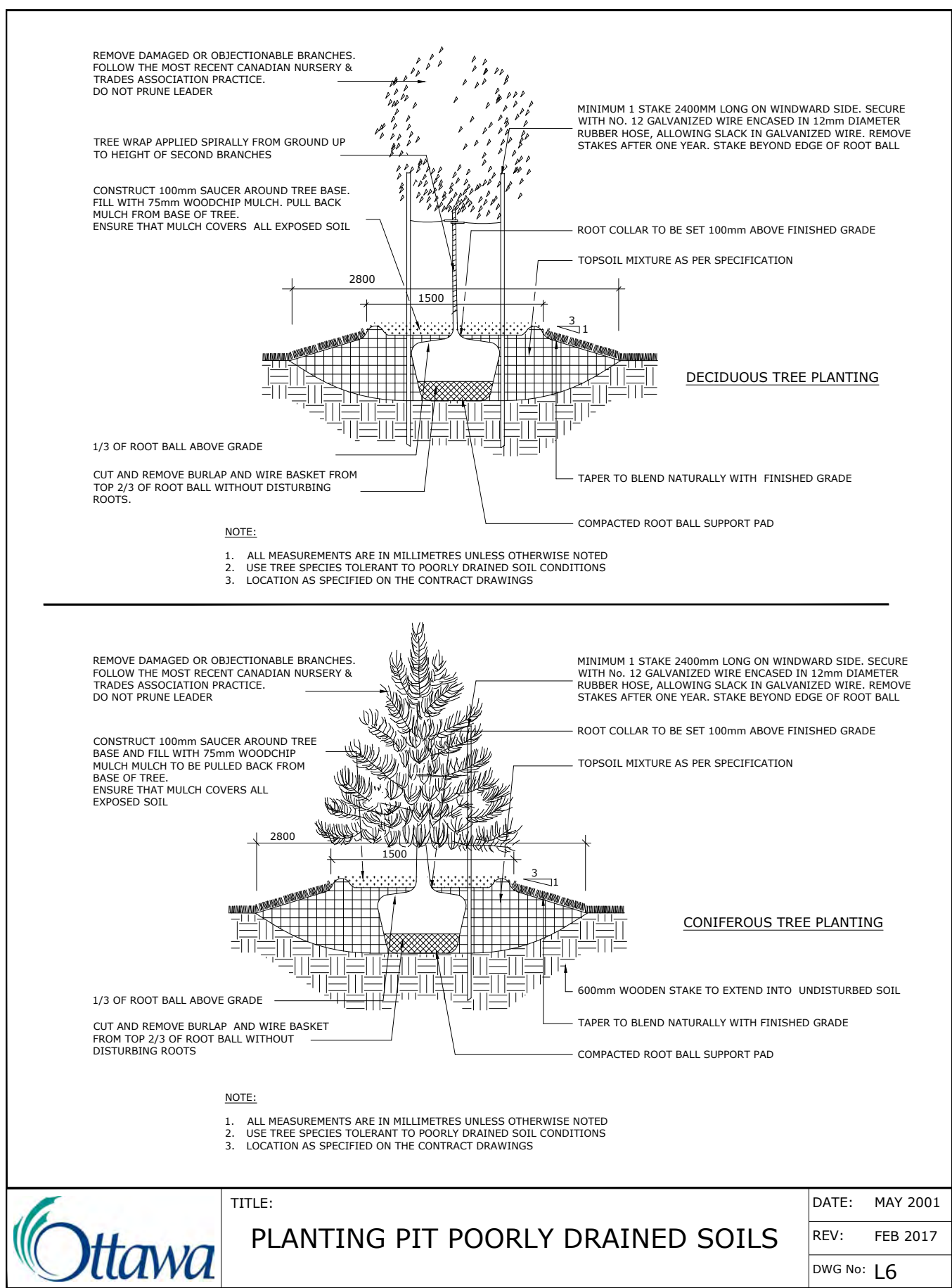
ADJACENT PROPERTY AND WITHIN SUBJECT PROPERTY:
ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET WITHIN THE ADJACENT PROPERTY AREA. REINSTATE ANY DISTURBED AREAS ON ADJACENT PROPERTY OUTSIDE THE 2m RADIUS TREE PITS WITH 100-150mm TOPSOIL AND SOD.
PLACE PLANTING MEDIUM (TO DEPTH INDICATED ON SOIL VOLUME CHART) AT ALL DISTURBED AREAS WHERE EXISTING SOILS ARE REMOVED, OR WHERE EXISTING SOILS ARE NOT CONDUCIVE TO PLANT GROWTH.
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BASE CONTRACT TO ASSUME SUBSOIL IS CONDUCIVE TO PLANT GROWTH.

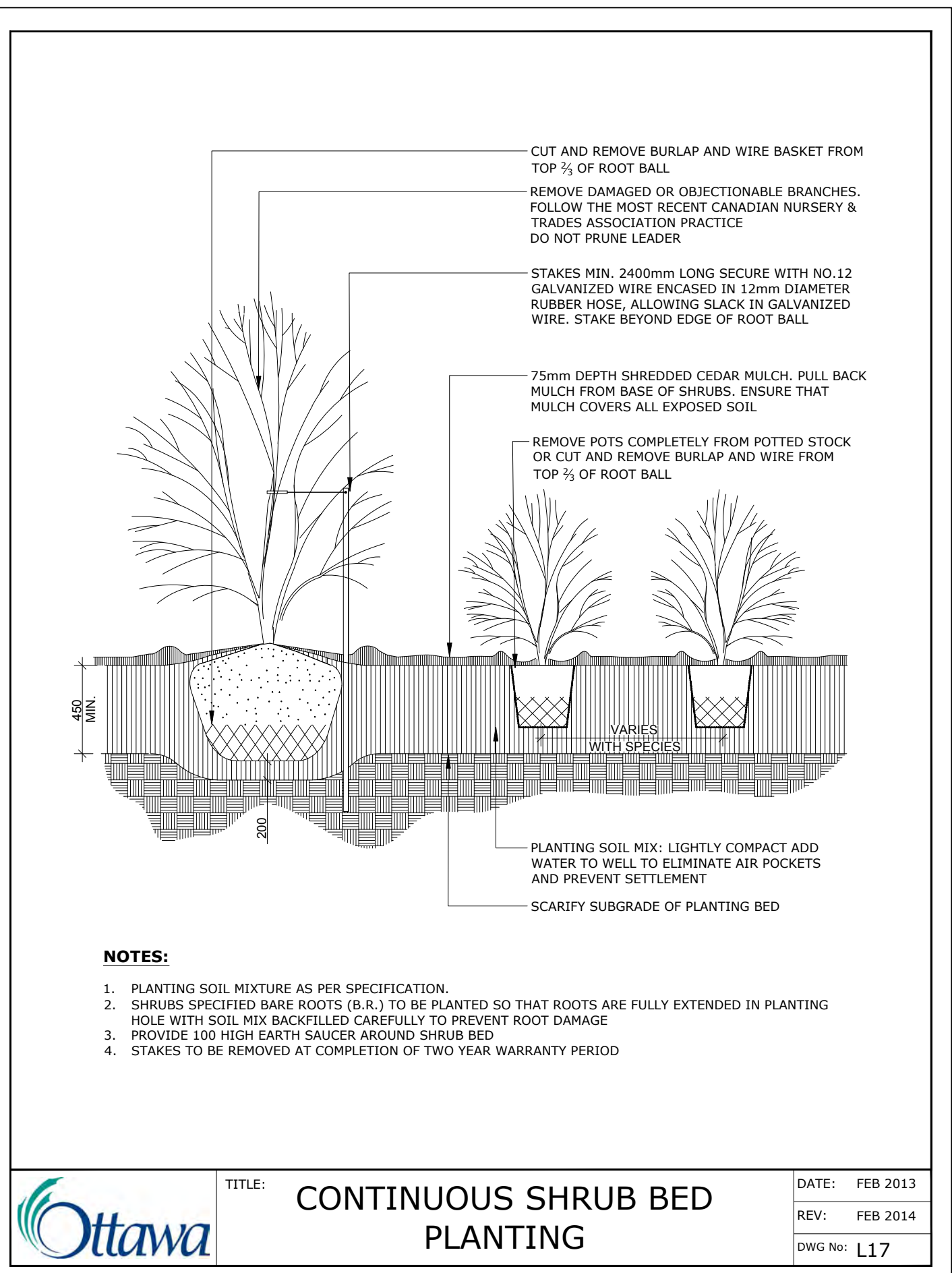
4 AREAS NEAR SOCCER FIELD AND OUTDOOR CLASSROOM

ASSUME ALL SOIL VOLUME REQUIREMENTS ARE MET, REINSTATE ANY DISTURBED AREAS ON ADJACENT PROPERTY OUTSIDE THE 2m RADIUS TREE PITS WITH 100-150mm TOPSOIL AND SOD.
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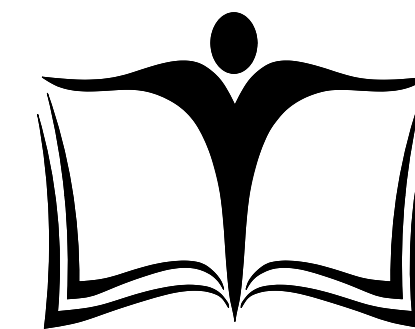
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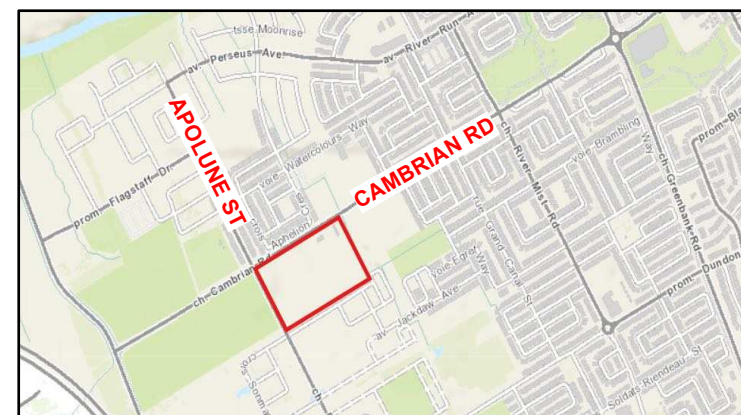
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DATE: MAY 2001
REV: FEB 2017
DWG No: L6



TITLE: CONTINUOUS SHRUB BED PLANTING
DATE: FEB 2013
REV: FEB 2014
DWG No: L17



OTTAWA - CARLETON DISTRICT SCHOOL BOARD



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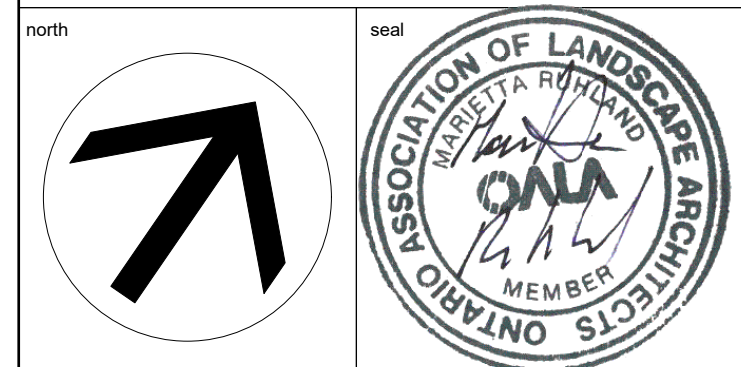
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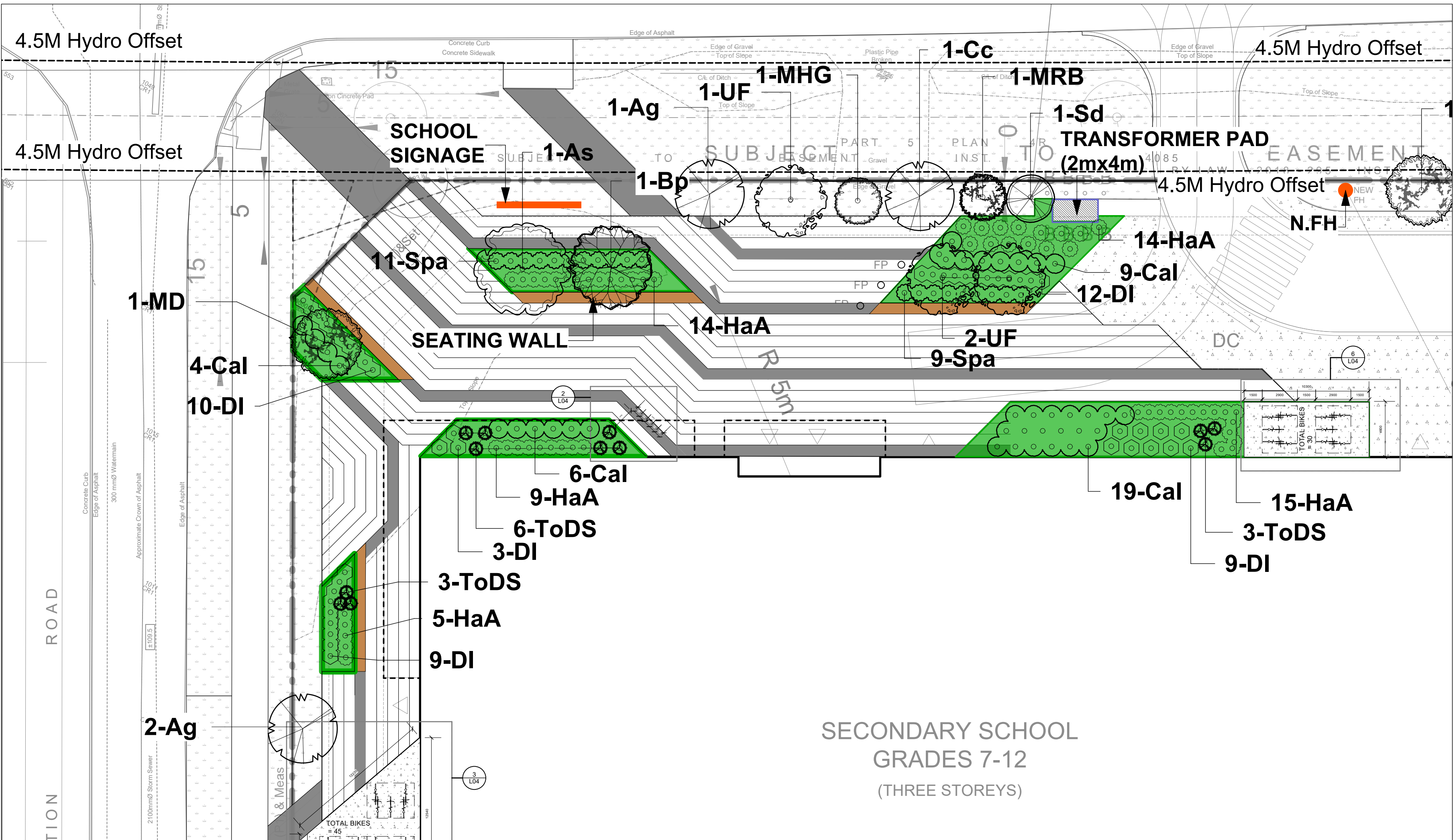
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HALF MOON BAY SECONDARY SCHOOL

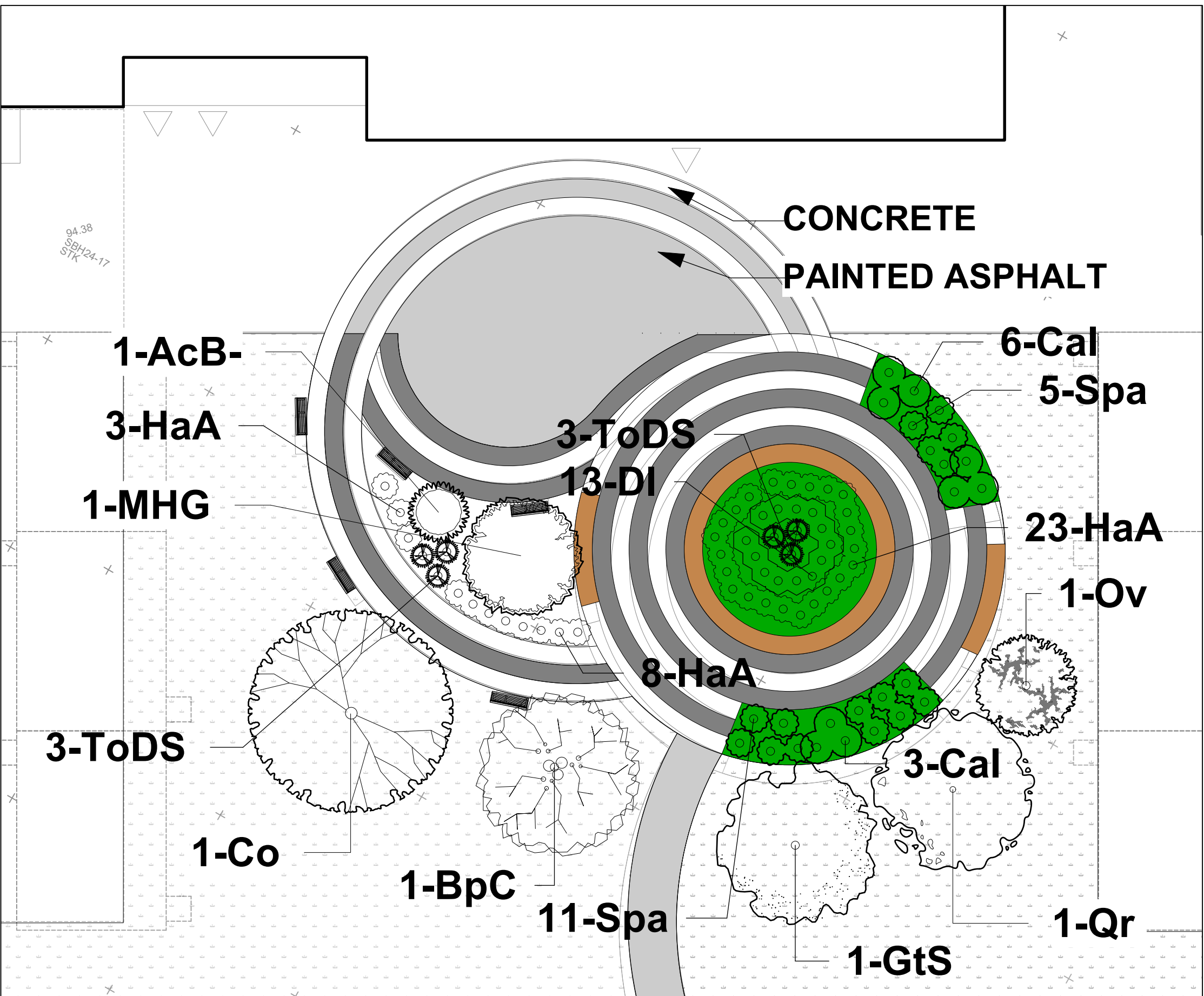
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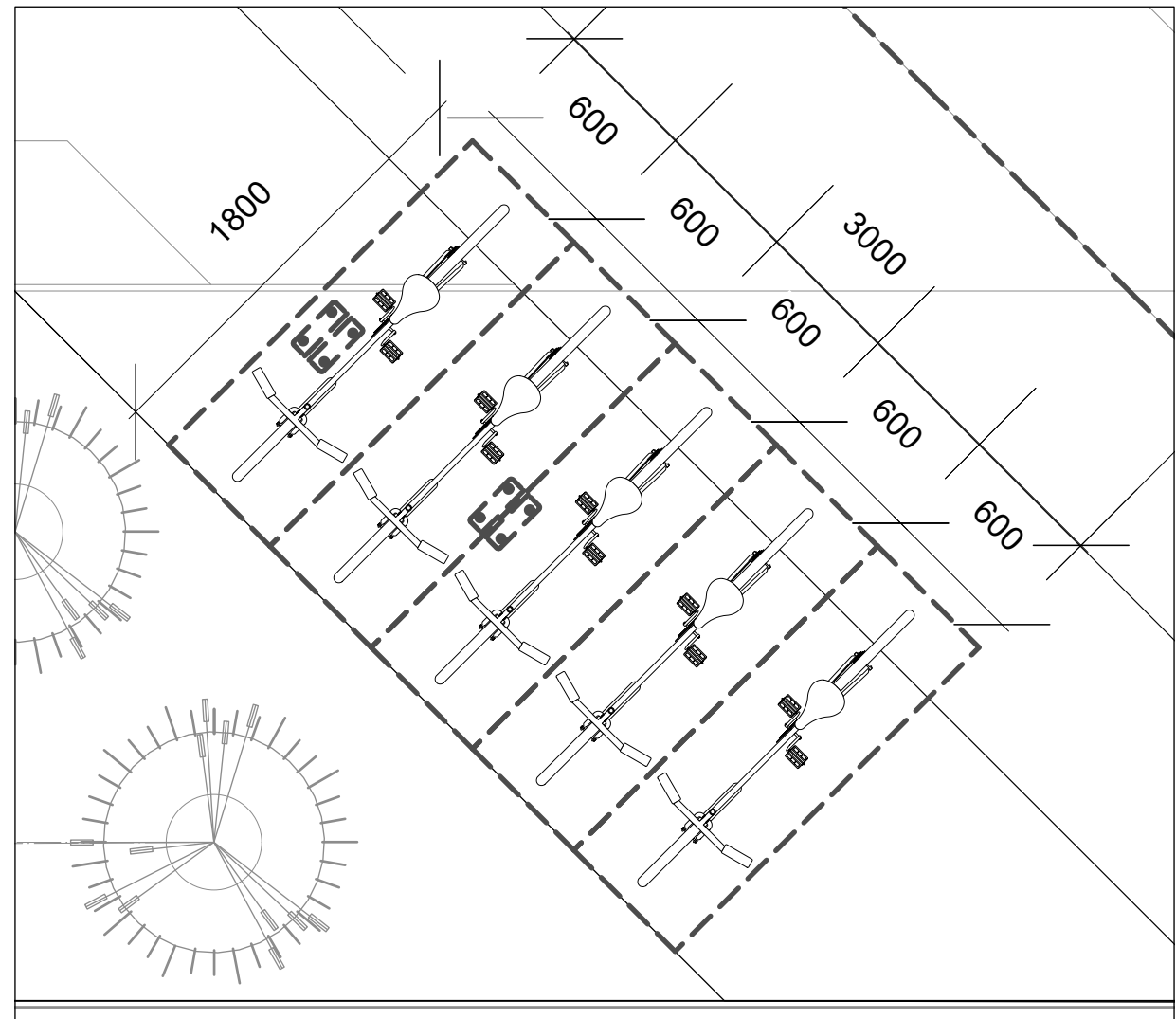
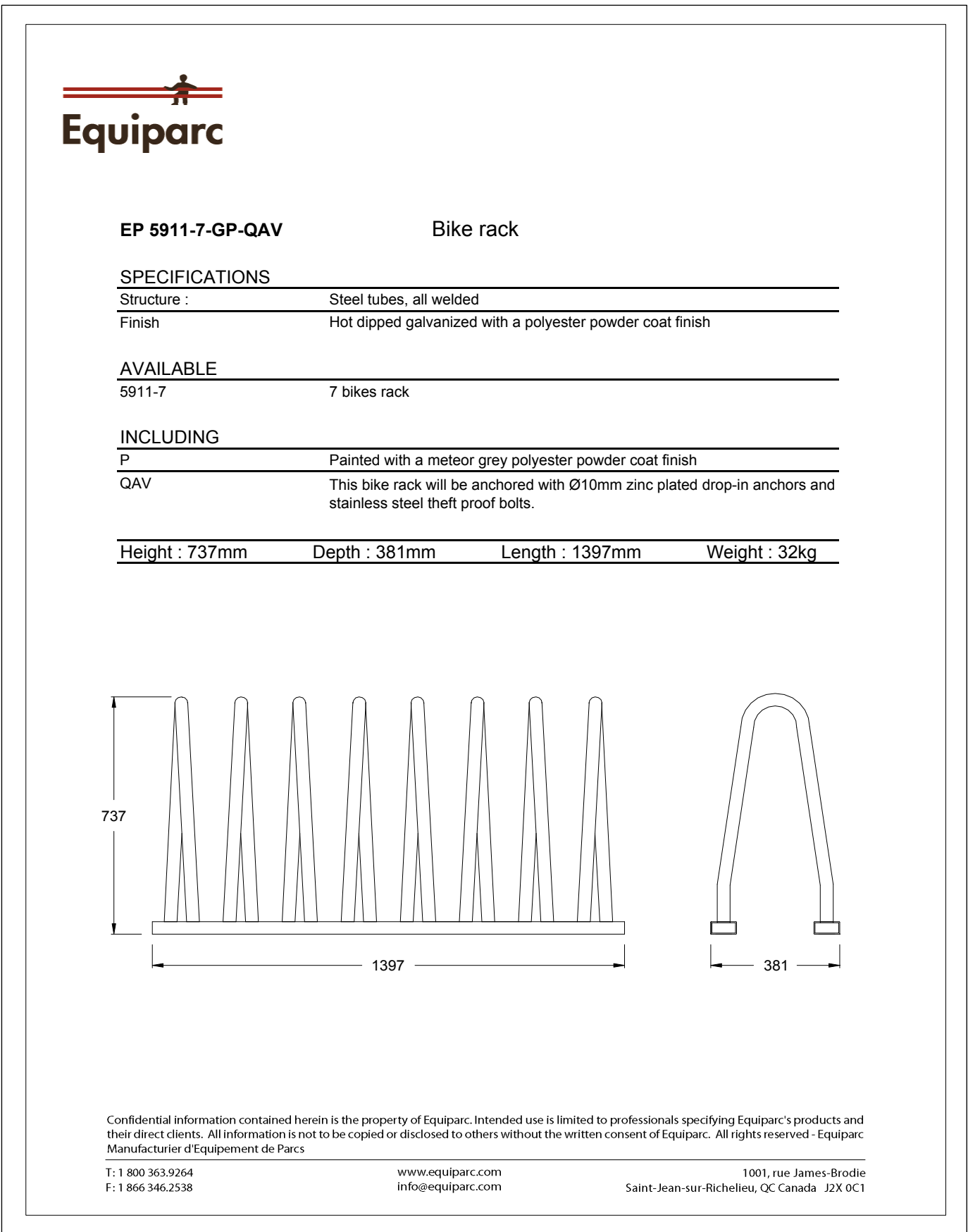
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date	2025 10 20	checked by	M.R.
project number	N4S 26-923	drawing number	RA 26-1779
CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.			revision
DO NOT SCALE DRAWINGS			



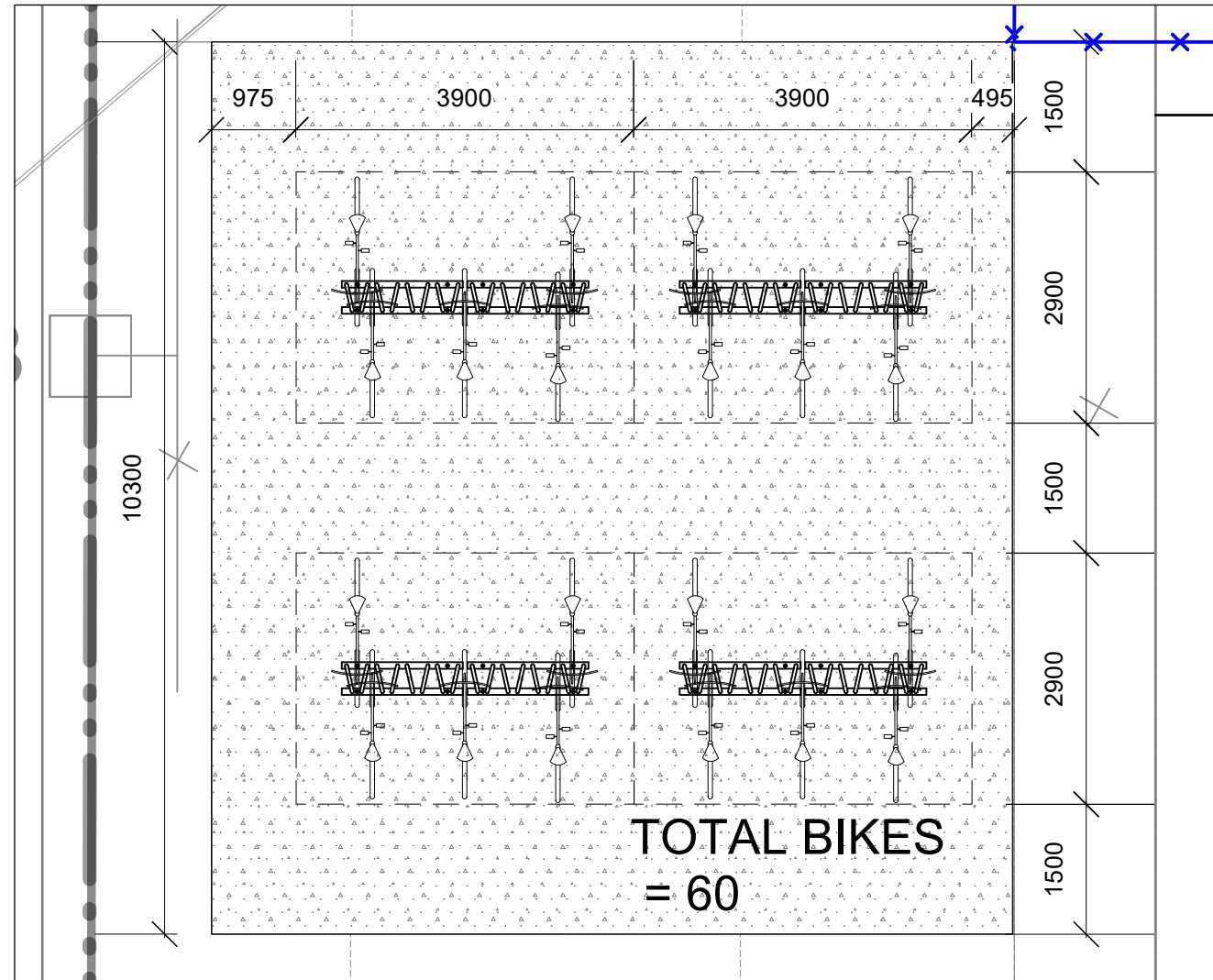
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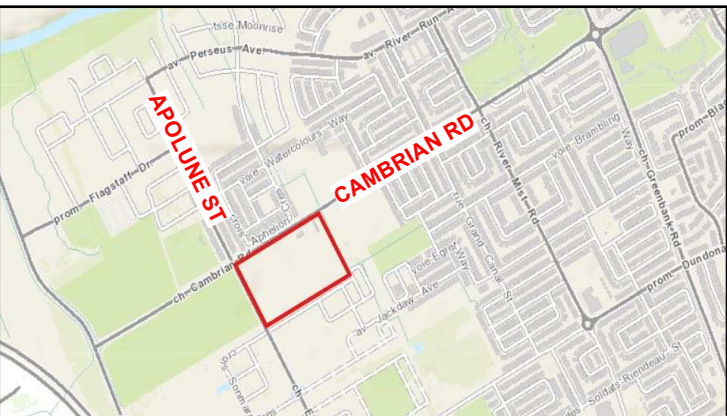
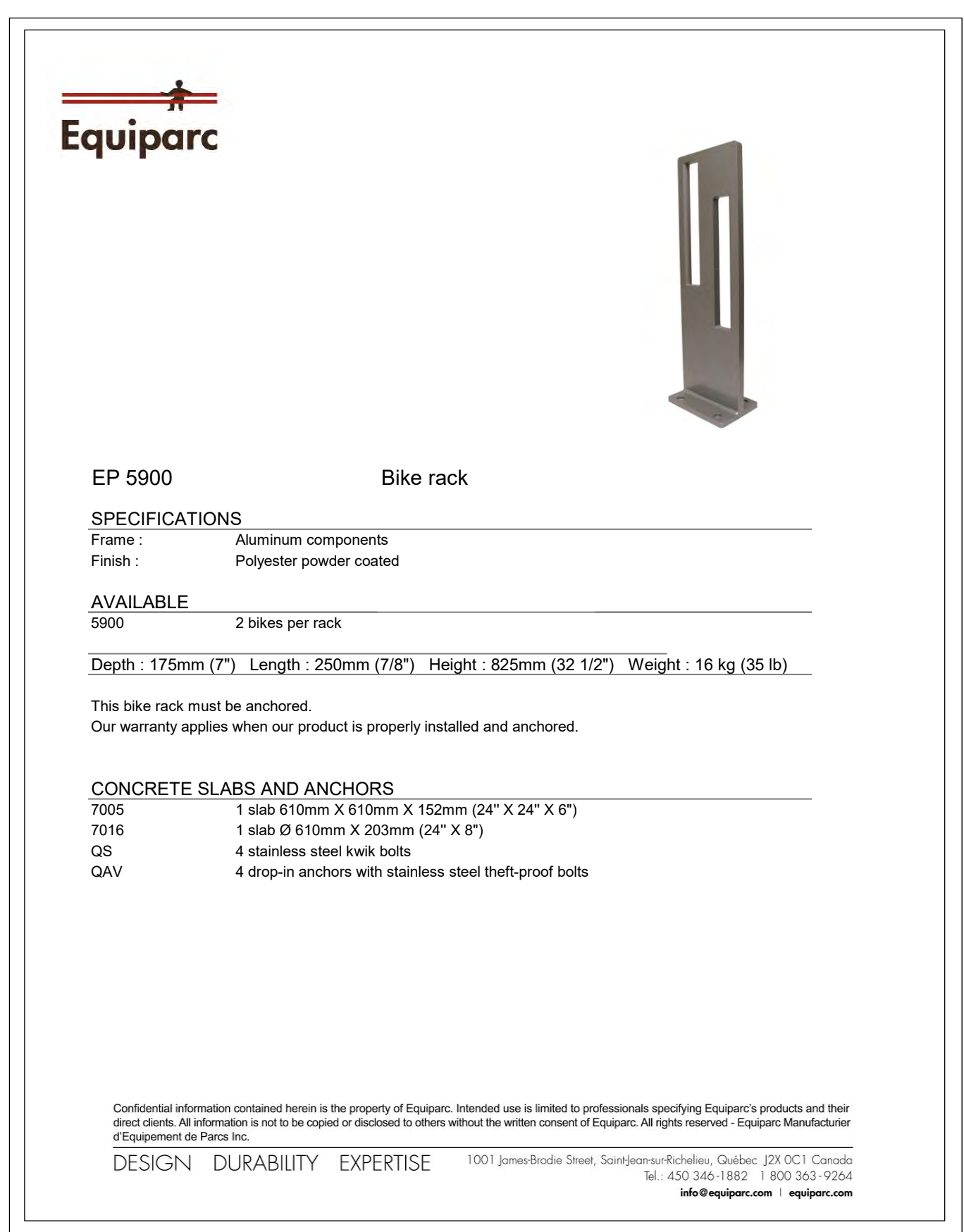
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Scale: 1:200



3 TYPICAL LAYOUT 1 - BIKE RACKS
Scale: 1:30



4 TYPICAL LAYOUT 2 - BIKE RACKS
Scale: 1:80



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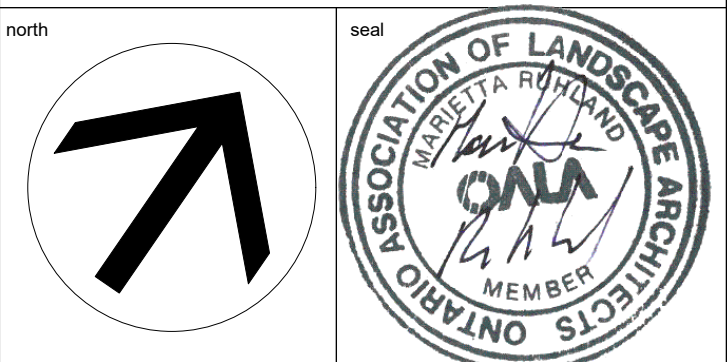
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drawing title
ENLARGEMENT &
DETAILS

scale	drawn by N.W
date 2025 10 20	checked by M.R.
project number N45 26-923	drawing number 26-1779
RA 26-1779	L-03

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