

City of Surrey PLANNING & DEVELOPMENT REPORT Application No.: 7921-0132-00

Planning Report Date: July 11, 2022

PROPOSAL:

• Development Permit

to permit an addition to the Provincial Tree Seed Centre.

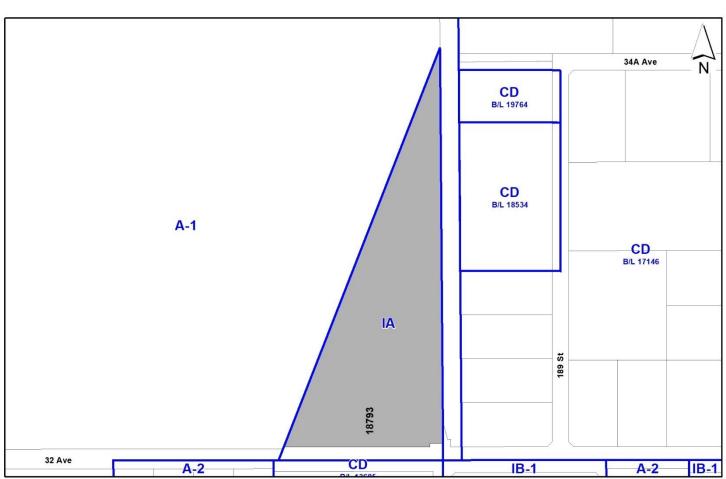
LOCATION: 18793 - 32 Avenue

ZONING: IA

OCP DESIGNATION: Agricultural

NCP/TCP/LAP NA

DESIGNATION:



RECOMMENDATION SUMMARY

Approval to draft Development Permit for Form and Character.

DEVIATION FROM PLANS, POLICIES OR REGULATIONS

None.

RATIONALE OF RECOMMENDATION

- The proposal complies with the Agricultural designation in the Official Community Plan (OCP).
- The proposal generally complies with the Development Permit requirements in the OCP for Form and Character.
- The proposed landscaping improvements and fence replacement along the 32 Avenue frontage will improve the existing condition without detracting from the entrance into Campbell Heights to the east of the subject site.
- The addition to the existing industrial building is of high quality design with inclusion of several different materials including cedar shakes designed with an artistic flair on the southeast corner of the building facing 32 Avenue. Cedar shakes are proposed in a pattern on the southeast section of the building that represent an artistic portrayal of a pinecone.

RECOMMENDATION

The Planning & Development Department recommends that:

- 1. Council authorize staff to draft Development Permit No. 7921-0132-00 generally in accordance with the attached drawings (Appendix I).
- 2. Council instruct staff to resolve the following issues prior to approval:
 - (a) submission of a finalized landscaping cost estimate to the specifications and satisfaction of the Planning and Development Department.

SITE CONTEXT & BACKGROUND

Direction	Existing Use	OCP Designation	Existing Zone
Subject Site	Provincial Tree Seed Centre	Agricultural	IA
North:	City Parkland (Campbell Heights Biodiversity Preserve)	Agricultural	A-1
East:	City Parkland/Campbell Heights Industrial Park	Conservation and Recreation/Mixed Employment	A-1/CD Bylaw No. 17146/CD Bylaw No. 18534
South (Across 32 Avenue):	Industrial Developments	Mixed Employment	CD Bylaw No. 13685
West:	City Parkland (Campbell Heights Biodiversity Preserve)	Agricultural	A-1

Context & Background

- The subject property is 4.7 hectares in size, located within the Agricultural Land Reserve (ALR) and borders Campbell Heights. The site is designated "Agricultural" in the Official Community Plan (OCP) and is zoned "Agro-Industrial (IA) Zone".
- The BC Tree Seed Centre (TSC), an industrial horticultural and research facility owned and operated by the Provincial Ministry of Forests, Lands and Natural Resource Operations, is located on the subject property. The subject property was rezoned to IA in 1985, with the TSC being constructed immediately afterwards.
- Prior to January 2019, the subject property was a part of the larger A-1 zoned lot to the west.
 Previous Development Application No. 7913-0195-00 subdivided the parent parcel to create
 the 57.6 hectare sized parcel which is now City of Surrey parkland. The IA zoned portion of
 the parent parcel was subdivided to create a single lot that is the current site of the TSC
 operations.

DEVELOPMENT PROPOSAL

Planning Considerations

• The applicant is proposing a Development Permit to allow construction of a 462 square metre addition to accommodate a freezer expansion to the BC Tree Seed Centre. The addition will include a new cooler space and 3 new freezers with warehouse-style shelving to provide additional storage capability for processed tree seeds.

	Proposed
Lot Area	
Gross Site Area:	4.7 hectares
Road Dedication:	N/A
Undevelopable Area:	N/A
Net Site Area:	4.7 hectares
Number of Lots:	1
Building Height:	8.8 metres
Floor Area Ratio (FAR):	0.08
Floor Area	
Existing:	3,200 square metres
Proposed Addition:	462 square metres
Total:	3682 square metres

Referrals

Engineering: The Engineering Department has no comments on the project.

Parks, Recreation & Culture:

No trees or vegetation are to be removed from existing parkland without pre-approval by Parks.

If boulevard/park trees shown to be retained in the arborist report are removed or damaged during construction, the full appraised value of the trees will be required as compensation.

Parks understands that the barbed wire fence adjacent to Campbell Heights Biodiversity Preserve is not being removed or replaced within the scope of this project. However, should the fence need to be removed through further review of the project or during construction, Parks requests that the fence be replaced with high-quality metal picket fencing, powder coated black.

Surrey Fire Department:

The Fire Department has no concerns with the proposed development.

Transportation Considerations

• The existing BC Tree Seed Centre sign falls within City of Surrey road right-of-way along 32 Avenue. The sign will be required to be relocated onto the subject site.

Parkland and/or Natural Area Considerations

- The proposed building addition is outside of the 30 metre Riparian Assessment Area (RAA) for the adjacent watercourses to the west within City Parkland and the frontage ditch along 32 Avenue.
- The proposed building addition is greater than 60 metres from the top of bank associated with the escarpment to the west of the subject site.

Sustainability Considerations

- The applicant has met all of the typical sustainable development criteria, as indicated in the Sustainable Development Checklist.
- The applicant is proposing a roof with a Solar Reflective Index (SRI) value of at least 0.75 or higher, consisting of high albedo value finish material. This is an improvement upon typical roofing materials and will help to reduce the heat island effect in accordance with the objectives of the Climate Adaptation Strategy.
- The purpose of a high-albedo roof is to reduce the internal building temperatures by reflecting sunlight and also to contribute to a lower overall heat island effect, which is an increase in the overall temperature of a developed area.

POLICY & BY-LAW CONSIDERATIONS

Regional Growth Strategy

• The proposal complies with the "Agricultural" designation in the Regional Growth Strategy.

Official Community Plan

Land Use Designation

• The proposal complies with the "Agricultural" designation in the Official Community Plan (OCP).

Zoning By-law

• The application complies with the regulations of the "Agro-Industrial (IA) Zone" and does not propose any variances.

Parking Requirements

- Parking requirements for the "Agro-Industrial (IA) Zone" are regulated by Part 5 Off-Street Parking and Loading/Unloading of Surrey Zoning By-law, 1993, No. 12000, as amended.
- The 28 existing parking stalls with the addition of 8 new parking stalls for a total of 36 proposed parking stalls meet the parking requirements of the Zoning Bylaw. The applicant is providing one (1) accessible parking stall.

Parking (Part 5)	Required	Proposed
Number of Stalls		
Industrial:	35	35
Bicycle Spaces		
Total:	О	О
Accessible Spaces		
Total:	1	1

PUBLIC ENGAGEMENT

• A development proposal sign was erected on the subject site on January 17, 2022. No comments were received in response.

DEVELOPMENT PERMITS

Form and Character Development Permit Requirement

- The proposed development is subject to a Development Permit for Form and Character.
- The proposed building addition generally complies with the Form and Character Development Permit guidelines in the OCP.

Building Design

- The proposed building addition will result in a lot coverage of 32.2% and FAR of 0.08 for the subject site upon completion.
- The proposed 462 square metre freezer addition will include a variety of building façade materials to blend the look of typical farm buildings and the agro-industrial nature of the site's operations with its adjacency to Campbell Heights. The siding of the proposed addition and renovated areas will include materials such as charred wood siding, cedar shakes and charred cedar shakes. Cedar shakes are proposed in a pattern on the southeast section of the building that represent an artistic portrayal of a pinecone.
- The roof and exterior wall assemblies of the existing freezer building are proposed to be renovated to match the proposed freezer expansion.

Signage

• The existing Tree Seed Centre signage falls within City road right-of-away. The proposed plans note this sign is to be removed and relocated on site at a location that is to be determined at a later date.

Landscaping

- The landscaping plan dated March 14, 2022, was reviewed by Trees & Landscaping staff and found acceptable. A finalized cost estimate is still required.
- The proposed landscaping consists of a 1.5 metre wide landscaping strip with a new 2.4 metre
 high black metal replacement fence which replaces the existing chainlink/razor wire topped
 fencing along 32 Avenue.
- Landscaping has been designed with high quality drought resistant plantings. Plantings includes the following trees and shrubs: lodgepole pine, douglas fir, western red cedar, midwinter fire dogwood, salal, Oregon grape, nootka rose and a stabilizer/wildflower seed mix.
- The applicant is required to submit a landscape plan cost estimate prior to Final Approval of the Development Permit, should the application be supported by Council.

TREES

- Glenn Murray, ISA Certified Arborist of Froggers Creek Tree Consultants Ltd. prepared an Arborist Assessment for the subject property.
- The Arborist Assessment states that there are a total of eighty (80) mature trees on the site, excluding Alder and Cottonwood trees. It was determined that all eighty (80) trees will be retained as part of this development proposal. The proposed tree retention was assessed taking into consideration the location of services, building footprints, and proposed grading.
- The 32 new trees on the site proposed under the submitting landscaping plan will consist of a variety of trees including lodgepole pine, douglas fir and western red cedar.

INFORMATION ATTACHED TO THIS REPORT

The following information is attached to this Report:

Appendix I. Site Plan, Building Elevations and Landscape Plans

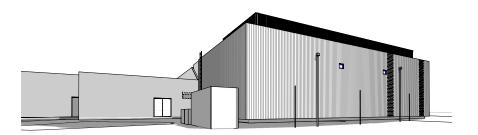
approved by Shawn Low

Jeff Arason Acting General Manager Planning and Development

BC TREE SEED CENTRE

COOLER / FREEZER EXPANSION

ISSUED FOR DEVELOPMENT PERMIT



Project Directory

OWNER BC Tree Seed Centre Ministry of Forests, Lands, Resource

Operations and Rural Development 18793 32nd Avenue Surrey BC, V3Z 1A7

ARCHITECT Ph5 Architecture #204 - 309 W. Cordova Street Vancouver, BC V6B 1E5

CODE CONSULTANT #116 - 119 W. Pender Stree Vancouver, BC V6B 1S5

STRUCTURAL CONSULTANT WHM Structural Engineers #227 Douglas Road Burnaby, BC V5C 5A9

MECHANICAL CONSULTANT

Integral Group #180 - 200 Granville Street Vancouver, BC V6C 1S4

ELECTRICAL CONSULTANT Integral Group #180 - 200 Granville Street Vancouver, BC V6C 1S4

BUILDING ENVELOPE CONSULTANT RDH Building Science #400 - 4333 Still Creek Drive Burnaby, BC V5C 6S6

CONTACT Michael Postma Manager

michael.postma@gov.bc.ca (778) 609-2000

CONTACT Peeroj Thakre Principal peeroj@ph5.ca (604) 605-1556

CONTACT Tavis McAuley Principal tavis@mcaulevo

(778) 834-6569 CONTACT Florencio Bautista Associate

fbautista@whme (604) 484-2859 CONTACT Kai Chen Principal kchen@integralgroup.com

(604) 687-1800 x2013

Warren Knowles Principal wknowles@rdh.com (604) 873-1811

CONTACT Bryan Uemoto Principal buemoto@integralgroup.com (604) 687-1800 x2086 CONTACT

LANDSCAPE CONSULTANT CONTACT Daryl Tyacke Principal ETA Landscape 1690 W. 2nd Avenue Vancouver, BC V6J 1H4

daryl@etala.ca (604) 683-1456 CONTACT Glenn Murray

Froggers Creek Tree Consultants 7763 McGregor Avenue Burnaby BC V5J 4H4

HAZARDOUS MATERIALS Sure HazMat #101 - 4268 Lozells Avenue Burnaby, BC V5A 0C6

Burnaby, BC V5G 4G2

ARBORIST

CIVIL ENGINEED Vector Engineering #150 - 6450 Roberts Street

Board Certified Master Arborist glenn_murray@shaw.ca (604) 721-6002 CONTACT

rverhelst@surehazmat.com (604) 444-0204 CONTACT

Victor Radu Principal vic@vectoreng.ca (603) 298-2333

Drawings List

Architectural Drawings List

A000 A001	Cover Building Information
A002	Site Plan Demo
A003	Site Plan Proposed
A004	Fire Access Plan

Fire Access Plan FAR Plan Floor Plan Demo Attic Plan Demo Roof Plan Demo Floor Plan Proposed Attic Plan Proposed Roof Plan Proposed Flevations

A005 A201 A202 A203 A301 A302 A303 A501 A502 A503 A601 Elevations Elevations Appendix I ph⁵ architecture inc

204 - 309 West Cordova Street Vancouver BC V6B 1E5 T 604.605.1556

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A 2021-05-21 Issued for Development Permit B 2022-03-07 Issued for DP Prior to Response

C 2022-03-14 Issued for DP Prior to Response 2

A 2022-03-14 DP Prior to Response



BC Tree Seed Centre Cooler / Freezer Expansion

18793 32nd Ave. Surrey BC

Scale	Status
N/A	BP
Date 2022-03-08	Project Co TSC
Drawn	Checked
HK	PT

Cover

Project Information

BC Tree Seed Centre, Cooler Addition

Street Address 18793 32nd Avenue, Surrey, BC V3S 0L5

Legal Address Lot 1 Section 28 Township 7 Plan EPP7825 NWD

Zoning Analysis

Site Area	509,075 sq ft	47,295 sq m
Site Coverage Area	163,806 sq ft	15,218 sq m
Site Coverage %	32.	2 %
Zoning		A
Existing FAR Area	34,661 sq ft	3,220 sq m
Proposed FAR Area	4,975 sq ft	462 sq m
Total FAR Area	39,636 sq ft	3,682 sq m
FAR	0.08	FAR
Existing Cooler Height (to Parapet)	19' 8 1/4"	6.00 m
Proposed Cooler Height (to Parapet)	22'-0"	6.70 m
Increase of Cooler Height	2' - 3 3/4"	705 mm

Project Scope

The BC Tree Centre (TSC) is the primary provider of cone and seed services to BC's forest industry and BC government staff. The facility at 18793 32nd Avenue was constructed in 1986 and is operated by the Ministry of Forests, Lands, Natural Resource Operations and Rural Development to extract, process, and store various tree seeds for the purposes of reforestation on crown lands.

The TSC is proposing to expand their cooler and freezer facility to provide additional storage capability for processed tree seeds. The proposed expansion area of the storage facility is 455 m2, which includes a new cooler space and 3 new freezers with warehouse-style shelving. Due to the age of the existing facility and reports of envelope failure, the existing roof and exterior wall assemblies are proposed to be renovated to match the proposed expansion. The proposed roof and walls will provide a significant increase in the thermal barrier of the facility, and will remedy the water ingress and humidity currently being reported. New mechnical systems for the cooler and freezer will address future climate needs and are designed to meet peak temperatures as decribed by RCP 8.5.

The additional FAR area requires an increase in parking stalls from 28 to 36 stalls, and the parking layout is revised as a result. The existing access road is to be relocated further south to accommodate the proposed cooler and freezer. Existing signage and permiter fencing on City property will be removed. New black picket security fencing on the subject property will be installed. A new on site location for signage has been identified.



Area Calculation

Existing Floor Area Room Name

	FAR Area (st)	FAR Area (sq m)
Cooler 1	1,946.1 sf	180.8 sq m
Seed Drying Room	360.6 sf	33.5 sq m
Lab Cooler	147.1 sf	13.7 sq m
Lab Area 1	524.6 sf	48.7 sq m
Lab Area 2	636.7 sf	59.1 sq m
WC	133.5 sf	12.4 sq m
Darkroom	155.4 sf	14.4 sq m
Men's WC	173.8 sf	16.2 sq m
Women's WC	181.4 sf	16.9 sq m
Women's Changeroom	135.4 sf	12.6 sq m
Custodial / Copier	147.6 sf	13.7 sq m
Corridor	182.4 sf	16.9 sq m
Lunch Room	377.6 sf	35.1 sq m
Conference Room	345.3 sf	32.1 sq m
Library	122.2 sf	11.4 sq m
Office	179.4 sf	16.7 sq m
Circulation	176.4 sf	16.4 sq m
Foyer	159.9 sf	14.9 sq m
Office	136.9 sf	12.7 sq m
Abies Conditioning	1,905.7 sf	177.0 sq m
Cone Processing Area	9,938.5 sf	923.3 sq m
Seed Processing	5,013.5 sf	465.8 sq m
Storage	1,161.0 sf	107.9 sq m
Open Office Space	1,235.8 sf	114.8 sq m
Men's Changeroom	144.2 sf	13.4 sq m
Loading	1,264.1 sf	117.4 sq m
Seed Preparation & Shipping	2,001.2 sf	185.9 sq m
Freezer 1	966.8 sf	89.8 sq m
Freezer 3	1,010.8 sf	93.9 sq m
Freezer 2	948.4 sf	88.1 sq m
Caretaker Suite (separte building)	1,053.6 sf	97.9 sq m
Total Existing Industrial Area (FAR AREA)	32,866.0 sf	3,053.4 sq m

4 sf	72.7 sq m
0 sf	72.6 sa m
7 sf	21.5 sq m

Total Existing FAR Area 34 661 1 sf 3,220.1sq m

Proposed Industrial Area	4,974.6 sf	462.2 sq m
reezer 4	990.9 sf	92.1 sq m
reezer 5	959.4 sf	89.1 sq m
reezer 6	1,041.4 sf	96.7 sq m
Cooler 2	1,982.9 sf	184.2 sq m

Total Floor Area		
Existing FAR Area	34,661.1 sf	3,220.1 sq m
Proposed FAR Area	4,974.6 sf	462.2 sq m
Total FAR Area	39,635.7 sf	3,682.3 sq m

Parking Analysis

Parking Stalls Quantity City of Surrey Zoning Bylaw

	Rate	Reference	Existing	Required	Proposed
Standard Parking Stalls	Industrial: 1 parking space per 100 m2 [1,075 ft2] of gross floor area	SZBL Part 5 Table C.1	23 stalls	35 stalls	31 stalls
Accessible Parking Stalls	2% of required parking spaces	SZBL Part 5 C.3	1 stalls	1 stalls	1 stalls
Small Car Stalls	35%	SZBL Part 5 B.1.c	4 stalls	0 stalls	4 stalls
Total			28 stalls	36 stalls	36 stalls

Bicycle Stalls Quantity

				Existing	Required	Proposed
	Class A stalls	Not required	SZBL Part 5 D.5	0 stalls	0 stalls	0 stalls
	Class B stalls	Not required	SZBL Part 5 D.5	0 stalls	0 stalls	0 stalls

Loading Spaces Quantity City of Surrey Zoning Bylaw

			Existing	Required	Proposed	
Loading Stall	Min. 1 loading stall per building	SZBL Part 5 E.1	2 stalls	1 stalls	2 stalls]
Total			2 stalls	1 stalls	2 stalls	•

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Ministry of Forests, Lands, Natural BRITISH Resource Operations COLUMBIA and Rural Development

BC Tree Seed Centre Cooler / Freezer Expansion

18793 32nd Ave. Surrey BC

Scale	Status	
N/A	BP	
Date	Project Code	
2022-03-08	TSC	
Drawn	Checked	
HK	PT	

Building Information

Existing Streetscape

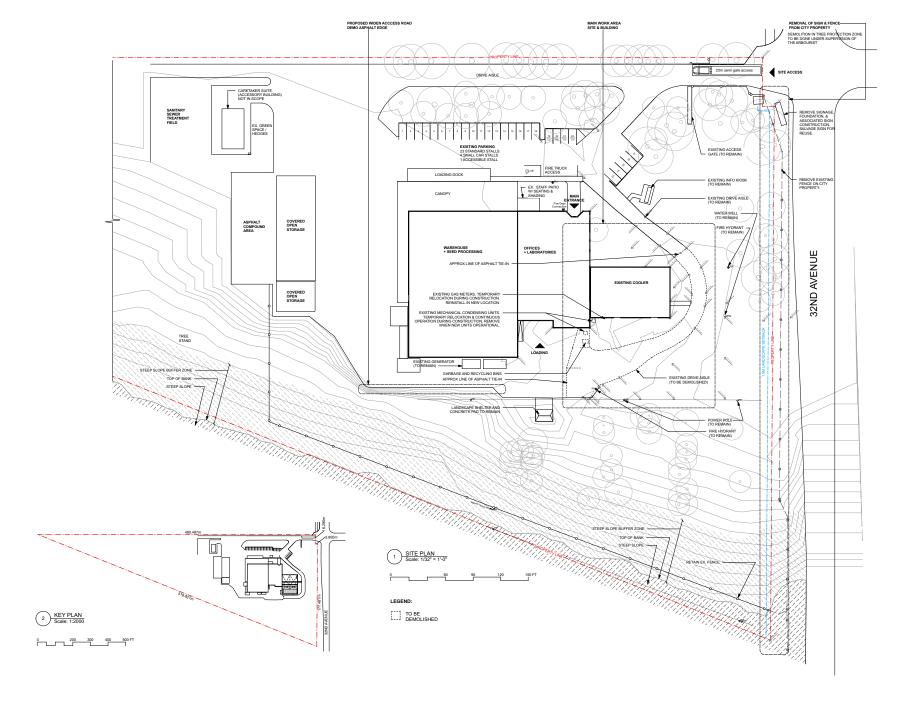
32nd Avenue looking Northwest







32nd Avenue at main entrance





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2022-03-11 revisions
- Fence & sign on Oily properly removed
- On-site access road widened west side of bid
- Steep slope area noted
- Existing satingation content
- Existing hedges on parking biland by caretaker suite



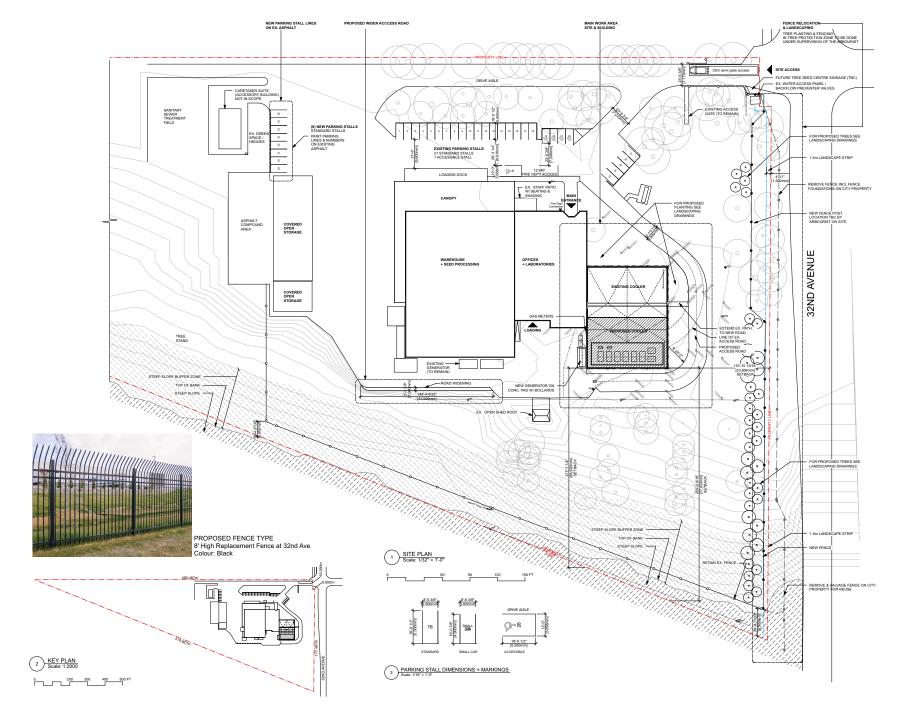


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Site Plan Demo





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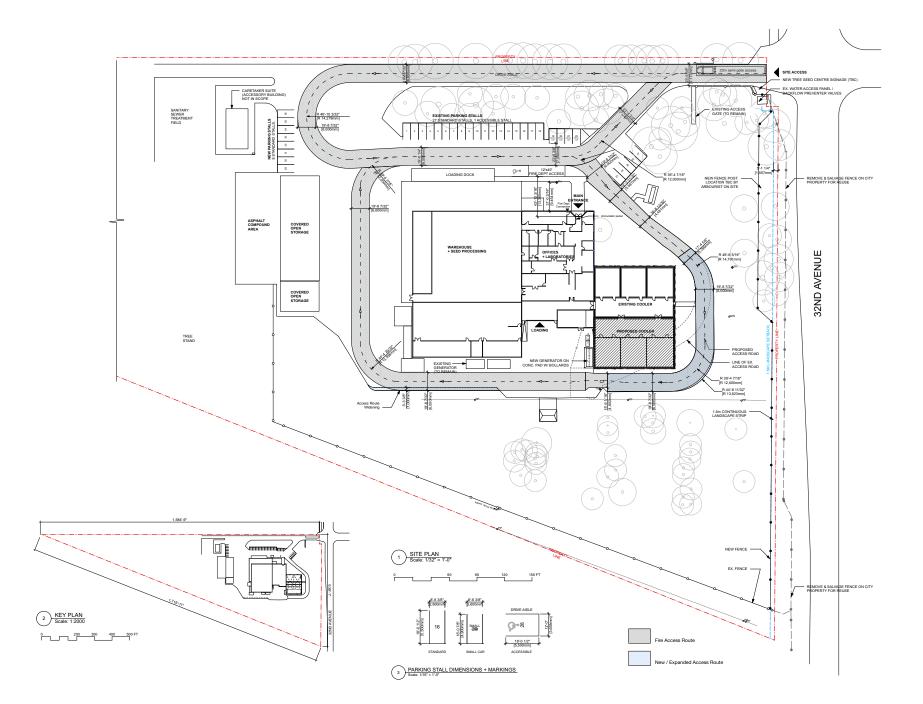


BC Tree Seed Centre Cooler / Freezer Expansion

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Site Plan Proposed





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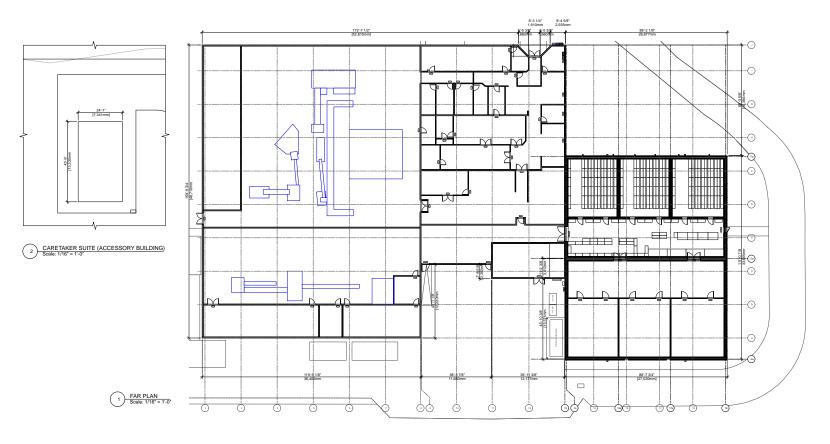


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Fire Access Plan



Existing Conditions

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FAR Plan

A005

Existing Cooler Interior

Existing Cooler Interior

Existing Generator





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Revision

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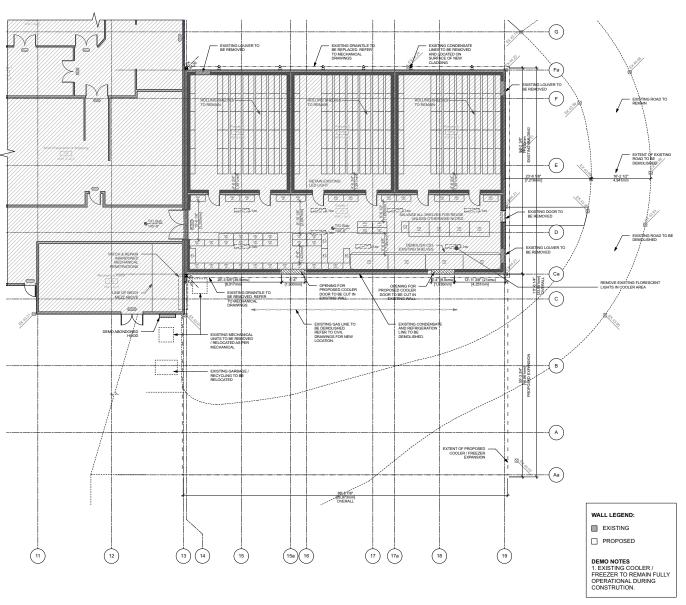


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Floor Plan Demo



Existing Shelving Schedule

Cone and Seed Processing

Shelves Depth (in) Length (in) Height (in) Area (sf) Quantity

Shelves Depth (in) Length (in) Height (in) Area (sf) Quantity

Depth (in) Length (in) Height (in) Shelf Storage Area (sf)

Total Storage Area (sf)

Total Storage Area (sf)

Total Shelves Total Shelf Area

Total Existing Shelves 54
Total Existing Shelf Area 1,674 sf

Seed Preparation

Total Existing



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Attic Plan Demo



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Roof Plan Demo

A203

CONSTRUTION.





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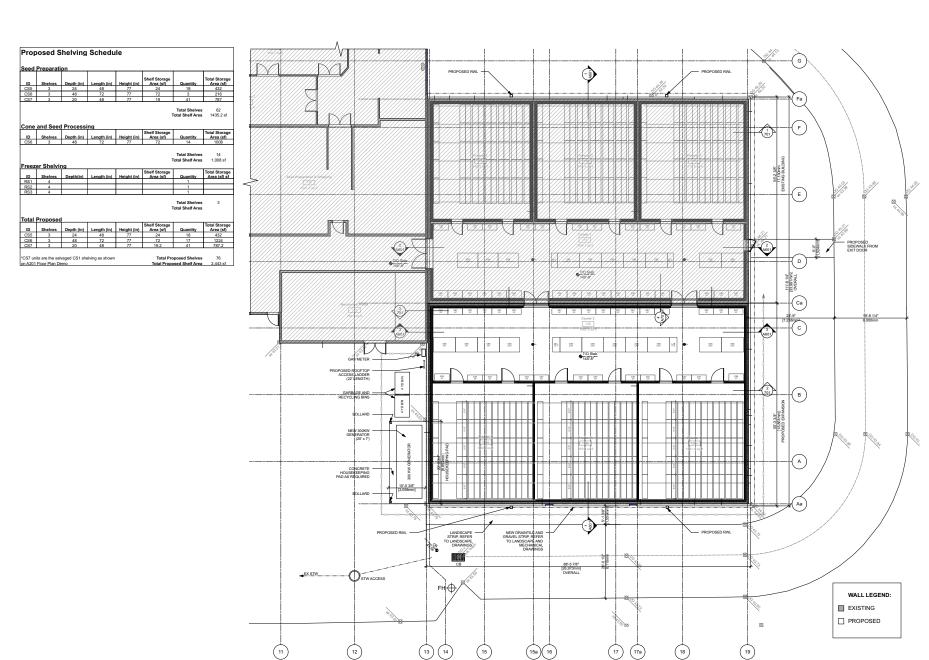


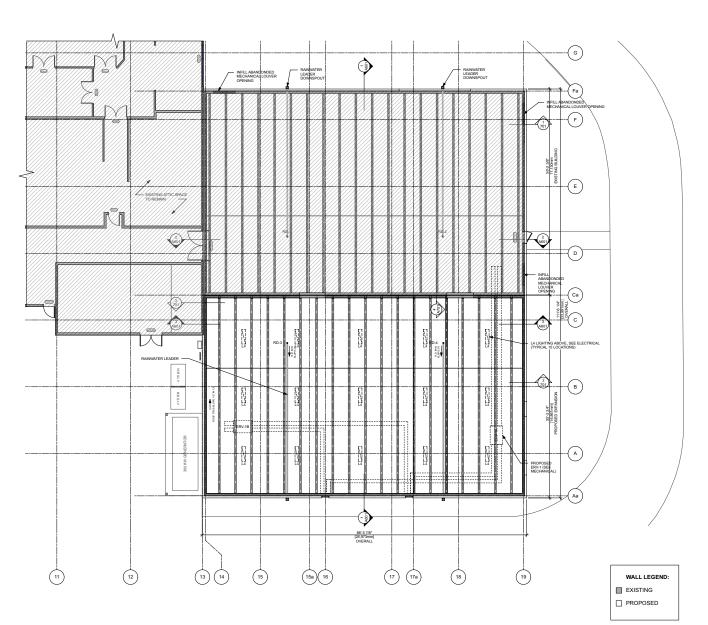
BC Tree Seed Centre Cooler / Freezer Expansion

18793 32nd Ave. Surrey BC

Scale	Status	
1/8" = 1'-0"	BP	
Date	Project Code	
2022-03-08	TSC	
Drawn	Checked	
HK	PT	

Floor Plan Proposed







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Issue

- A 2021-05-21 Issued for Development Permit
 B 2022-03-07 Issued for DP Prior to Response
- C 2022-03-14 Issued for DP Prior to Response 2

A 2022-03-14 DP Prior to Response



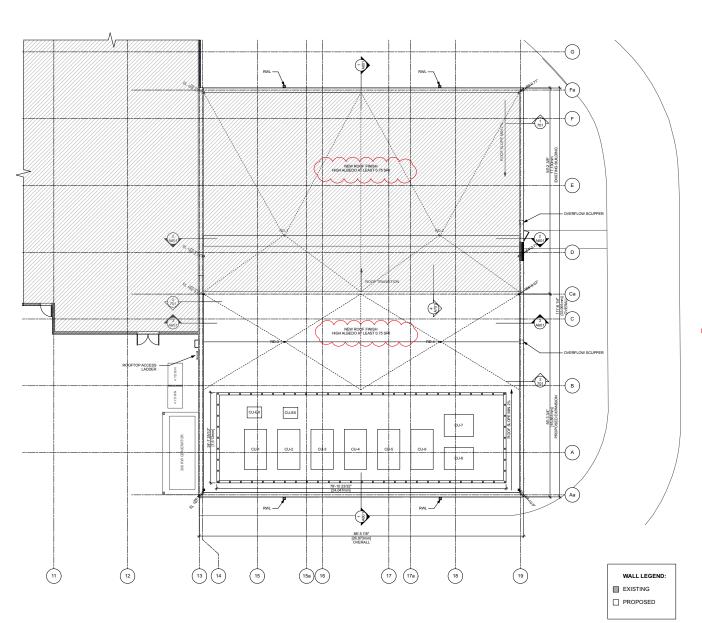


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Attic Plan Proposed





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2022-03-11 revisions

- Existing trusses on cooler to be retained

- Revised location of rooftop mech in response to retaind structure



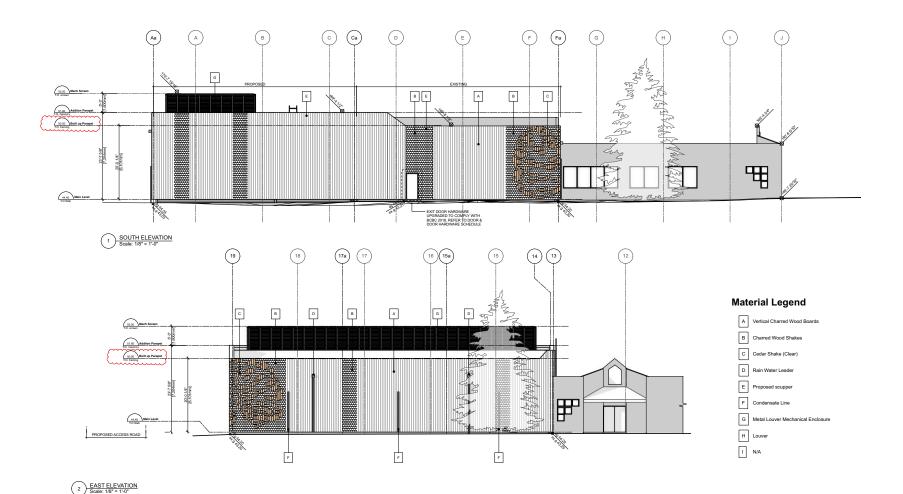


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Roof Plan Proposed





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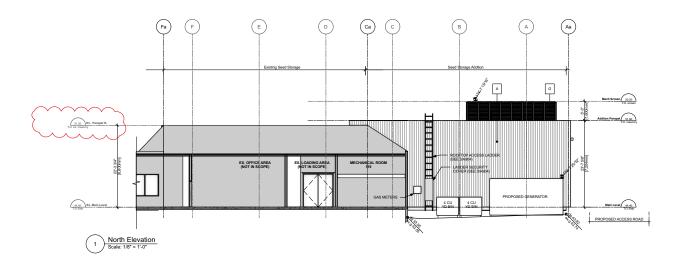


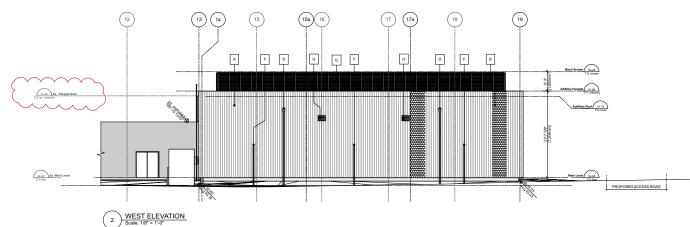
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Elevations





Material Legend

- A Vertical Charred Wood Boards
- B Charred Wood Shakes
- C Cedar Shake (Clear)
- D Rain Water Leader
- E Proposed Scupper
- F Condensate Line
- G Metal Louver Mechanical Enclosure
- H Louver



Charred Wood Siding



Cedar Shakes



Charred Cedar Shakes



204 - 309 West Cordova Street Vancouver BC V6B 1E5 T 604.605.1556

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Elevations







3 PERSPECTIVE - LOOKING EAST



2 A503 PERSPECTIVE - LOOKING NORTHWEST



4 PERSPECTIVE - LOOKING SOUTHEAST A503



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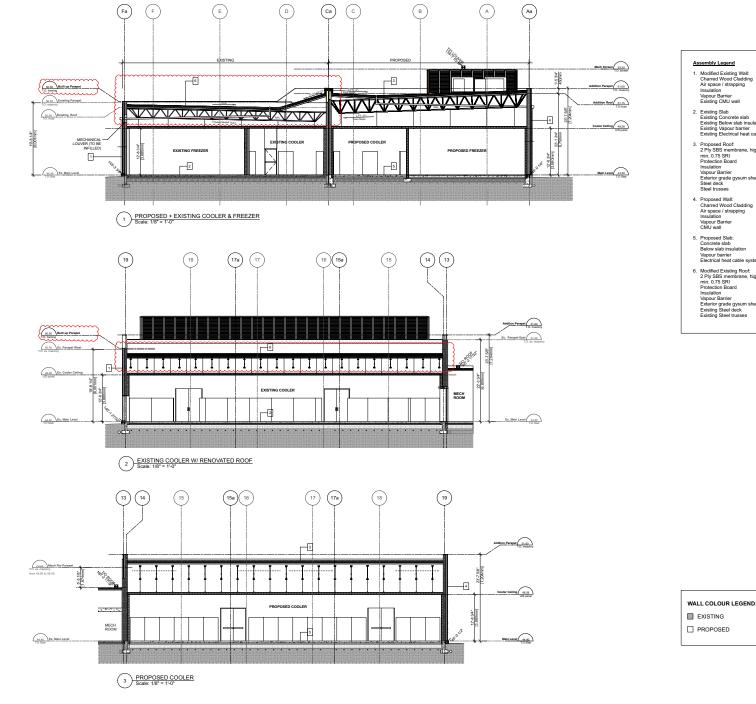


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Perspectives





Assembly Legend

Charred Wood Cladding Air space / strapping Insulation Vapour Barrier Existing CMU wall

- 4. Proposed Wall: Charred Wood Cladding Air space / strapping Insulation Vapour Barrier CMU wall
- 5. Proposed Slab: Concrete slab

 Below slab insulation
- Modified Existing Roof:
 2 Ply SBS membrane, high albedo finish min. 0.75 SRI
 Protection Board Insulation Vapour Barrier Exterior grade gysum shearthing Existing Steel deck Existing Steel trusses

- 1. Modified Existing Wall:
- Existing Slab
 Existing Concrete slab
 Existing Below slab insulation
 Existing Vapour barrier
 Existing Electrical heat cable system
- 3. Proposed Roof: 2 Ply SBS membrane, high albedo finish min. 0.75 SRI Protection Board Insulation Vapour Barrier Exterior grade gysum shearthing Steel deck Steel trusses
- Vapour barrier Electrical heat cable system

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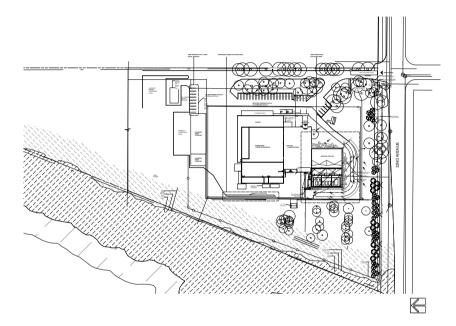


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Sections



Tree Seed Centre

for Province of BC

Civic Address: 18793 32nd Ave.

CONSULTANT TEAM

OWNER: Province of BC ph5 architecture inc ARCHITECT: STRUCTURAL: MECHANICAL: Integral Group ELECTRICAL: Vector Engineering eta landscape architecture ENGINEERING: LANDSCAPE:

DRAWING LIST

L0.0 L0.1	Cover Page Landscape Notes and Schedu
L1.0	Tree Management Plan
L2.0	Demolition Plan
L3.0	Layout and Grading Plan
L4.0	Planting Plan
L5.0	Soil Depth Plan
L6.0	Softscape Details
L6.1	Hardscape Details

eta landocape architecture

t | 604,683,1456 f | 604,683,1459 w | www.etala.ca

BC Tree Seed Centre

18793 32nd Ave Surrey, BC

Drawing Title

Cover Sheet

ject Manager T	Poject D 22102
oun By /	Scale AS NOTED
risued By	LO LO
)21-05-20	
	8

ALL PLANTS TO BE NURSERY GROWN

TO THE CHIRDENT EDITION OF THE CRI A ICL NA STANDARDS

ALL PLANT MATERIAL TO BE INSPECTED PRIOR TO DELIVERY ON SITE. CONTRACTOR EOD DEVIEW

IMPORTED GROWING MEDIA SHALL BE A SANDY LOAM OR LOAMY SAND TEXTURE (NO LESS THAN 50% SAND BY WEIGHT)
CONTAINING 4 AND 15% ORGANIC MATTER (DRY WEIGHT)

GROWING MEDIA SHALL BE FREE FROM SUBSOIL, WOOD INCLUDING WOODY PLANT PARTS. INVASIVE AND NOXIOUS PLANT AND THEIR REPRODUCIBLE PARTS, PLANT PATHOGENIC ORGANISMS, ORGANIC OR INORGANIC MATERIALS, TOXINS, STONES OVER 30mm (1.2"), ANY DEBRIS AND FOREIGN OBJECTS.

IMPORTED GROWING MEDIA SHALL CONFORM TO AND BE TREATED AS PER SECTION 6.2.3 TO 6.2.7 INCLUSIVE OF THE CURRENT EDITION BILLIA STANDARDS.

GROWING MEDIUM SHALL CONFORM TO LEVEL 1 "WELL-GROOMED" AREAS: LOW TRAFFIC LAWN AREAS, TREES AND LARGE SHRUBS (IL IN TABLE T-6.3.5.1 OF THE CURRENT EDITION OF THE CSLAVBLNA STANDARIES).

IT SHALL POSSESS THE FOLLOWING QUALITIES:

TEXTURE:

"COARSE GRAVEL (LARGER THAN 19mm AND SMALLER THAN 40mm): 0-1%

"ALL GRAVEL (LARGER THAN 2mm AND SMALLER THAN 40mm): 0-5%

"SAND (LARGER THAN 0.05mm AND SMALLER

"SAND (LARGER THAN 0.05mm AND SMALLER

"THAN 0.05mm 10-25%

"CLIV (SMALLER THAN 0.005mm): 0-20%

"CLIV (SMALLER THAN 0.005mm): 0-20%

"CLIV (SMALLER THAN 0.005mm): 0-20%

ORGANIC CONTENT: 3-10%

Acidity (pH): 6.0-7.0

DRAINAGE: PERCOLATION SHALL BE SLICH THAT NO STANDING WATER IS VISIBLE 60. MINITES AFTER AT LEAST 10 MINITES OF MODERATE TO HEAVY RAIN OR IRRIGATION

MINIMUM SOIL DEPTH TO BE AS PER TABLE T 6:3.5.6 OF THE CURRENT FOITION BCL NA

	Over prepared subgrade where the subsoil drains rapidly	Over structures or where the subsoil drains poorly
TREES (10m2 PER TREE) LARGE SHRUBS	610 MM (24") 610 MM (24")	750 MM (30°) 610 MM (24°)

150 MM (6"

SOIL DEPTHS WILL BE CHECKED AT TIME OF SUBSTANTIAL COMPLETION REVIEW

SOIL FOR URBAN AGRICULTURE PLOTS IS TO BE URBAN GRO PROVIDED BY VERATEC, OR APPROVED ALTERNATIVE. SOIL FOR URBAN AGRICULTURE AREAS IS TO MEET OR EXCEED THE GUIDELINES FOR COMPOST QUALITY UNDER CANADIAN COUNCIL OF MINISTERS OF THE ENVIRONMENT (COME).

150 MM (6") 225 MM (9")

COMPOST IS TO BE TESTED AND RESULTS SUBMITTED TO CONSULTANT PRIOR TO

BEDS TO HAVE 50MM (2")MULCH LAYER (after settling) CONSISTING OF ORGANIC COMPOSTED BARK APPLIED.

PLANTED/SODDED AREAS TO BE HAND WATERED FOR THE FIRST 2 YEARS REGULARLY OR PLANT ESTABLISHMENT AND GROWTH, GATOR BAGS TO BE LISED ON PROPOS

CONTRACTOR TO DROVIDE MAINTENANCE FOR 1 YEAR FOLLOWING SURSTANTIAL

CONTRACTOR TO RECIVINE WRITTEN 1 YEAR WARRANTY ON REALT MATERIAL

CONTRACTOR TO PROVIDE COPY OF SOIL TEST TO LANDSCAPE CONSULTANT 3 WEEKS PRIOR TO DELIVERY ON-SITE. TEST TO BE PERFORMED BY AN INDEPENDENT LAB AND IS TO INCLUDE RECOMMENDATIONS FOR BOTH LAWN AND PLANTING BEDS.

CONSULTANT TO APPROVE SOIL BEFORE INSTALLATION. THIS DOES NOT PRECLUDE THE CONSULTANT FROM PERFORMING AN INDEPENDENT SOIL ANALYSIS AT TIME OF SUBSTANTIAL COMPLETION. CONTRACTOR WILL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF SOIL THAT DOES NOT MEET SPECIFICATIONS AT NO EXTRA COST TO

CONTRACTOR TO PROVIDE WRITTEN 1 YEAR WARRANTY ON SOIL SPECIFICATIONS

AN INDEPENDENT SOIL TEST TO BE PROVIDED 1 WEEK PRIOR TO END OF 1 YEAR WARRANTY PERIOD CONTRACTOR TO PROVIDE SOIL AMENDMENTS TO BRING SOIL UP TO QUALITY RECOMMENDED IN SOILS REPORT.

EXAMINE EXISTING SUBGRADE CONDITIONS AND SIGNIFY ACCEPTANCE IN WRITING TO THE CONSULTANT.

ASCERTAIN THE SIZE AND LOCATION OF ALL EXISTING SERVICES AND SUBGRADES

IMMEDIATELY REPAIR DAMAGE RESULTING FROM FAILURE TO EXERCISE SUCH PRECAUTIONS AT NO COST TO THE OWNER.

ALL PRUNING TO BE IN ACCORDANCE WITH THE BCLNA/BCSLA STANDARDS CURRENT EDITION

PLANT COUNTS
IN THE CASE OF ANY DISCREPANCY BETWEEN PLANT COUNTS ON PLANT LIST AND PLANT SYMBOLS ON DRAWING, THE DRAWINGS TAKES PRECEDENT. THE CONTRACTOR IS TO VERIFY ALL PLANT COUNTS AND NOTIFY CONSULTANT OF ANY DISCREPANCY.

RIRD FRIENDLY PLANTING

BIRD FRIENDLY PLANTING
PLANTS THAT DEBANGLY PRESENTED WHITE CONSERVATION AND PRODUCTION HAVE
PLANTS THAT DEBANGLY PROPERTY OF THESE, THAT SHEEP AND PRODUCTION HAVE
BEEN AND PROPERTY OF THESE, THAT SHEEP AND PROPERTY PLANTINGS
GROUPED IN NATURALIZED LYCERS OF THESE, THAT SHEEP AND PROPERTY OF THE SHEEP A

HYDROSEEDING SPEC

- WORK INCLUDED.
 THIS SECTION COVERS ALL SEEDING OF AREAS OF MAINTAINED LAWN (CLASS 2 AREAS), AND GRASS MEADOWS, (CLASS 3 AREAS).
- THE SECTION COVERS ALL SECTION OF AREAS OF MAINTAINED LAWN (CLASS ZAMAJA), AND GROSS MEADUNS, (CLASS ZAMAJA).

 SOOT REPRESANTION AND PLACEMENT SECTION 329 31 CHARLES AND ASSESSED AS A SECTION DEPENDS, AND CORRECT ANY DEFECTS.

 EARLING THE WORK OF OTHER SECTIONS UPON WHICH THE WORK OF THIS SECTION DEPENDS, AND CORRECT ANY DEFECTS.

 CAMADA SEED DAY, 2010, LEGISLATION, 2010,

- 1.3.1 CANADA SEED ACTION.

 AND A SEED ACTION.

 A SEED ACTION.
- DATE OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE CLASS OF SEEDING OR SODDING TO BE CARRIED OUT, FIRM AGAINST POOTBRITS, LODGE TEXTURED, AND FREE OF ALL STONES, ROOTS, BRANCHES, ETC., LARGESTHAN THE DAMETER REQUIRED FOR THE CLASS OF SEEDING OR SODDING TO BE CARRIED OUT, FIRM AGAINST POOTBRITS, LODGE TEXTURED, AND FREE OF ALL STONES, BOOTS, BRANCHES, ETC., LARGESTHAN THE DAMETER REQUIRED FOR THE CLASS OF THE PROPERTY OF THE DATE OF THE PROPERTY OF THE DATE OF THE PROPERTY OF THE DATE OF THE PROPERTY OF THE PROPE
- 1.3.2 de-true: CUMMEN-CEBENT OF SEEDING OR SODDING OPERATIONS, APPROVAL OF SITE PREPARATION SHOULD BE OBTAINED.

 1.4. ALVINGOR SHALE ALD OUT BY THE CONTRACTOR, IN ACCORDANCE WITH THE DRAWINGS, WHO SHALL BE FLLLY RESPONSIBLE FOR
 1.4. ALL WORK SHALE, ALD OUT BY THE CONSTRACTOR, IN ACCORDANCE WITH THE DRAWINGS, WHO SHALL BE FLLLY RESPONSIBLE FOR
 1.4. ALL WORK SHALE, THE CONTRACTOR SHALL PROVIDE THE NECESSARY PERSONNEL TO ASSIST THE CONSULTANT IN CHECKING SUCH.

 1.5. ALL WORK SHALE OF THE CONTRACTOR SHALL PROVIDE THE NECESSARY PERSONNEL TO ASSIST THE CONSULTANT IN CHECKING SUCH.

DART 2 DRODUCTS

2.1 MATERIALS 2.1.1 GRASS SEED

- GRASS SEED.
 CDASS SEED SHALL MEET THE DECLIDEMENTS OF THE CANADA SEED ACT FOR CANADA NO. 1 SEED WHERE SPECIFIED ALL NURSE CROP ACCOUNTS SEED STALL MEET I'ME REQUIREMENTS OF THE CANADA SEED ACT FOR CANADA NO. 1 SEED. WHERE SPECIFIED, ALL NORSE CROSSEED SHALL MEET THE REQUIREMENTS OF THE CANADA SEED ACT FOR CANADA NO. 1 SEED.

 B. SEED MIXTURE SHALL BE SUITED TO THE CLIMATE, LOCALITY, SITE CONDITIONS, AND INTENDED MAINTENANCE PROCEDURES FOR EACH
- B. SEED MIXT 2T OR AREA. SEED SHALLHAVE MINIMUM GERMINATION RATE OF 75% AND MINIMUM PURITY OF 97% EXCEPT WHERE OTHERWISE REQUIRED BY THE
- PROFESSIONAL SELECTING THE SEED MATURE.

 D. SEED SHALL BE PACKED AND DELIVERED NO RIGIGNAL CONTAINERS ELECTING THE SEED MATURE.

 SEED SHALL BE PACKED AND DELIVERED NO RIGIGNAL CONTAINERS ELECTING THE SHALL BE MEMORIAL SHALL SHALL BE MEMORIAL SHALL SHAL
- THE OWNER MAY TEST SEED FOR PURITY AND GERMINATION.
 SEED MIXTURE TO BE PER PLANT LIST SCHEDULE ON CONSTRUCTION DOCUMENTS
- HYDRAULIC MULCH:
 HYDRAULIC MULCH SHALL CONSIST OF FIBER OR OTHER MATERIAL DESIGNED FOR HYDRAULIC SEEDING AND DYED FOR EASE OF MONITORING APPLICATION DRING APPLICATION. HYDRAILI CMILCH SHALL BE CAPABLE OF DISPERSING RAPIDLY IN WATER TO FORM A HOMOGENEOUS SLURRY AND REMAINING IN SLICH A

B. HYDRAULC MULCH SHALL BE CAPABLE OF DESPENSING RAPILLY IN WATER TO FORM A HOMOGENEOUS SLURRY AND REMAINING IN SUCH AS STATE WHEN A GITATED OR MIXED WITH OTHER SPECIFIED MATERIALS. WHEN A PREPLED, THE HYDRAULLE MULCH SLE OF BE CAPABLE OF FORMING AN ABSORPTIVE MAT, WHICH WILL ALLOW MOISTURE TO PERCOLATE INTO THE UNDERLYING SOIL. IT SHALL CONTAIN NO GROWTH OR GERMANITON IN INIBITION FACTORS. THE MULCH SHALL BE DRY JE FREE OF WEEDS AND ALL OTHER FOREIGN MATERIAL. AND SHALL BE SUPPLIED.

IN PICKAGES BEARING THE MANUFACTURER'S LABEL CLEARLY INDICATION WEIGHT AND PRODUCT NAME:

C. THE MULCH MAY CONTAIN A COLLOIDAL POLYTACURIE (OR EQUIVALENT) TACKHIER, WHICH SHALL BE ADHERED TO THE MULCH TO
PREVENT SEPARATION DURING SHIPMENT AND OX/OD CHEMICAL AGGLOMERATION DURING MIXING IN HYDRAULIC MULCHING EQUIPMENT 2.1.3 WATER:
A. WATER USED IN HYDRAULIC SEEDING AND IRRIGATION SHALL BE FREE OF ANY IMPURITIES THAT MAY HAVE AN INJURIOUS EFFECT ON THE

PART 3 EXECUTION

3.1. THE GROWING MEDIUM UNDER ALL SEEDED AREAS SHALL BE SPREAD EVENLY OVER THE APPROVED SUBGRADE TO THE SPECIFIED
DEPTH. THE MINIMUM DEPTH OF GROWING MEDIUM UNDER MANTANED LAWN AREAS SHALL BE 4 INCHES. THE MINIMUM DEPTH OF GROWING
MEDIUM LINER MEADOW AREAS SHALL BE 2 NOVES.

BEED BUTTLES WAS ARREADED AREA SHALL BE A DEVISED BUTTLES MULICIAN OND OTHER COMPONENT SHALL BE ASSED ON AN AWAYSS OF
THE SEASON. CLIMATE. TERRAIN, SOIL, AND ESTRALISHMENT AND MANTENANCE CONDITIONS AFFECTIVE THE PROJECT. THE REQUIRED
FERTILIZES HALL BE APPLEID TO AND ELL WORKED BY TO THE GROWING MEDIUM BY DISCING, REAWING OF HARROWING AT THE RATES.

SPECIFIED.

3.1.3 SEEDING SHALL BE CARRIED OUT DURING PERIODS THAT ARE MOST FAVORABLE FOR THE ESTABLISHMENT OF A HEALTHY STAND OF GRASS. ALL SEEDING SHALL BE DONE DURING CALM WEATHER AND ON SOIL THAT IS PREC OF FROST, SNOW, AND STANDING WATER, WHEN SEASONAL CONDITIONS ARE LIKELY TO ENSURE SUCCESSFUL GENIMATION AND CONTINUED GROWTH OF ALL WARRIES OF SEASONAL CONDITIONS ARE LIKELY TO ENSURE SUCCESSFUL GENIMATION AND CONTINUED GROWTH OF ALL WARRIES OF SEASONAL.

- SEASONAL CONDITIONS ARE LIKELY TO ENSURE SUCCESSFUL GERMINATION AND CONTINUED GROWTH OF ALL WARENES OF SEED IN THE GRASS

 1.1 SEED SHALL BE APPLIED IN TWO INTERSECTION DIRECTIONS, EXCEPT WHERE COMMINIONS DOCTATE. SEEDING IN CONDITIONS

 1.1 SEED SHALL BE APPLIED IN TWO INTERSECTION DIRECTIONS, EXCEPT WHERE COMMINIONS DOCTATE. SEEDING IN CIRC DIRECTION CINCL.

 1.1 SEED SHALL BE APPLIED IN THE SEED OR IMMEDIATE YOU.COMING SEEDING IN CONTINUED HALD FER AND AREA SHALL BE SEEDE IN BOOK OF THE SEED OR INTERSECTION OR INTERSECTION OF THE SEED OR INTERSECTION OR INTERSECTION OF THE SEED OR INTERSECTION O
- THE BROCKS STREET AND A STREET
- AN HYDRAULIC SEEDERAULICHER.

 122 THE HYDRAULIC SEEDERAULICHER AND HE CAPAGE OF SUFFICIENT AGIATION TO MIX THE MATERIALS INTO A HOMOGENEOUS SURRY.

 222 THE HYDRAULIC SEEDERAULICHES AND LIKE BY THE TO APPLED. THE DISCHARGE PURPS AND GUIN KÖZZLES SHALLE EGAPILLE OF APPLYING THE MATERIALS INFORMATY OVER THE DESIGNATED AREAS.

 APPLYING THE MATERIALS LINFORMATY OVER THE DESIGNATED AREAS.

 233 HYDRAULIC SEEDING SHALLE BODONE WITH CARE TO DESIGNET THE THEORY AND HOUSE NOT COME IN CONTACT WITH THE
- COLIAGE OF ANY TREES, SHRUBS, OR OTHER SUSCEPTIBLE VEGETATION. SEED OR MULCH SHALL NOT BE SPRAYED ON DIJECTS NOT EXPECTED
- JW GRASS. SEED FERTILIZER AND HYDRAULIC MULCH SHALL BE THOROLIGHLY MIXED IN A WATER SLURRY AND SHALL BE DISTRIBUTED LINIFORMLY
- OFER THE SUPPACE AREA WITH MY APPROVED HYDRAULC MILCORE?

 J. 25. THE QUANTIES OF EACH OF THE MATERIALS TO BE CHARGED INTO THE HYDRAULCS SECREMULCHER TANK SHALL BE ACCURANTLY
 MEASURED EITHER BY MASS OR BY A COMMONLY ACCEPTED SYSTEM OF MASS CALIBRATED VOLUME MEASUREMENTS. THE MATERIALS SHALL BE
 ADDED TO THE TANK WHILE IT IS BEING FILLED WITH VARIET, AND IN THE FOLLOWING SEQUENCE: SEED, FERTILEZER, AND WHERE APPLICABLE. MULCH. THE MATERIALS SHALL BE THOROUGHLY MIXED INTO A HOMOGENEOUS WATER SLURRY AND SHALL BE DISTRIBUTED UNIFORMLY OVER THE SURFACE AREA WITH THE HYDRAULIC SEEDER/MULICHER IRFACE AREA WITH THE HYDRAULIC SEEDERMULCHER.
 SEEDS FOR GRASSES AND LEGUMES SHALL BE KEPT IN SEPARATE CONTAINERS PRIOR TO SEEDING.
- 3.2.7 IF REQUIRED, LEGUME SEED SHALL BE ADDED TO THE GRASS MIXTURE AT TIME OF SEEDING. LEGUME SEED SHALL BE INOCULATED WITH STANDARD PRODUCT HUMUS CULTURE BEFORE MIXING WITH GRASS SEED, INOCULATED SEED SHALL BE PROTECTED FROM EXPOSURE TO SUMLICHT FOR PERIODS OF OVER ONE-HALF HOUR, SEED SHALL BE USED WITHIN EIGHT HOURS FROM INOCULATION OR SHALL BE
- RENDOCLIATED.
 23 AFTER COMMONE, ON WITER OR CITHER HAIR EARL SHALLER CORED TO THE MICTURE IN THE HYDROLLE MULCIBE.
 23 AFTER COMMONE, ON WORTER SLIRRY CHAIL AND THE LEFT IN THE TRANF COP MORET THAN HOURS. SLURRY LEFT IN THE TANK
 OVER THE MAXAMUMT THE SHALL HOT BE USED FOR SEEDING AND SHALL BE DISPOSED OF OFF-SITE.
 23.10 WILD FLOWER SEED, IF REQUIRED, SHOULD BE INCORPORATED NOT IN PROSPECTED HAIR THAN THE SHALL HOT BE USED FOR SEEDING AND SHALL BE DISPOSED OF OFF-SITE.
 23.10 WILD FLOWER SEED, IF REQUIRED, SHOULD BE INCORPORATED NOT IN PROSPECTED HIM.
- MAINTENANCE
 MAINTENANCE FOR SEEDED AREAS SHALL BEGIN IMMEDIATELY AFTER SEEDING HAS BEEN COMPLETED, AND SHALL CONTINUE UNTIL THE
- DATE SET FOR TURNING THE AREAS OVER TO THE OWNER FOR FURTHER MAINTENANCE.

 3.3.2 APPLY WATER TO ENSURE MOISTURE PENETRATION OF 2 IN. TO 4 IN. CONTROL WATERING TO PREVENT WASH-OUTS.

 3.3.3 CUT GRASS WHEN IT REACHES HEIGHT OF 5 IN. AND CUT TO THE HEIGHT OF 2 IN. EVENLY DISTRIBUTE (DO NOT REMOVE) CLIPPINGS WHICH EXCEED 1/2 IN IN DEPTH
- WHICH EXCEED 12 IN. IN DEPTH.

 3.4 MINITIAN GRASED AREAS FREE OF WEEDS AND DISEASE.

 3.4 MINITIAN GRASED AREAS FREE OF WEEDS AND DISEASE.

 3.4 MINITIAN GRASED AREAS FREE OF WEEDS AND DISEASE.

 NICLESSARY MEANS.

 3.5 MINITIAN GRASED AREAS THAT SHOW DETERORATION OR BARE SPOTS SHALL BE REPAIRED AND OVERSEEDED MINEDIATELY.

 3.1 MINITIAN GRASED AREAS THAT SHOW DETERORATION OR BARE SPOTS SHALL BE REPAIRED AND OVERSEEDED MINEDIATELY.
- ACCEPTANCE SFEDED AREAS WILL BE ACCEPTED PROVIDED THAT:

- A.1. SEADED AREAS WILL BE ACCEPTED PROVIDED THAT:
 A SEEDED AREAS ARE PROPERLY STRAILESHED AND TIME TO GRADE.
 B. GRASS IS FREE OF BRODED, BARE OR READ SPOTS AND 98½ FREE OF WEEDS.
 B. GRASS IS FREE OF BRODED, BARE OR READ SPOTS AND 98½ FREE OF WEEDS.
 B. SEEDED AREAS HAVE RESEN TO ATT LEAST TIMES. THE LAST CUTS BEING CARRIED OUT WITHIN 24 HOURS OF ACCEPTANCE.
 3.42 AREAS SEEDED IN FALL WILL BE ACCEPTED IN FOLLOWING SPRING ONE MONTH AFTER START OF GROWING SEASON PROVIDED ACCEPTANCE CONDITIONS ARE FULLED.
- 3.5 CLEAN-UP
 3.5.1 ALL MATERIALS AND OTHER DEBRIS RESULTING FROM SEEDING OPERATIONS SHALL BE REMOVED FROM THE JOB SITE.

END OF SECTION 32 92 21

ID	QTY	LATIN NAME	COMMON NAME	SPACING	SCHEDULED SIZE	NOTES	ATTRIBUTES
TREES	- OFF-	SITE					
SHRUE	SS/GR	OUNDCOVERS / PERENNIALS - OFFSI	re				
LAWN	- OFFSI	TE					
		Non-Netted, grown on sand					
TREES							
Pc	16	Pinus contorta	lodgepole pine	as shown	3m ht/B&B	full/ bushy canopy	N. E
Pse	13	Pseudotsuga menziesii	Douglas fir	as shown	3.5m ht/B&B	full/ bushy canopy	N, E
Гр	13	Thuja plicata	western red cedar	as shown	3.5m ht/B&B	full/ bushy canopy	N, E
SHRUE	SS/GR	OUNDCOVERS / PERENNIALS					
Camf	119	Cornus sanguinea 'Midwinter Fire'	Midwinter Fire dogwood	1.37m	#5 cont	full/ bushy plants	W
Gs	21	Gaultheria shallon	salal	0.61m	#2 cont.	full/ bushy plants	N, E, B, P, Ed
Maa	21	Mahonia aquifolium	tall Oregon grape	0.7m	#3 cont.	full/ bushy plants	N. E. B. P. Ed
Mis	36	Miscanthus sinensis 'Morning Light'	Morning Light maiden grass	0.76m	#3 cont.	full/ bushy plants	B. W
Ron	58	Rosa nutkana	Nootka rose	0.81m	#2 cont.	full/ bushy plants	N, B, P
	0			0m			
SEED	MIX						
			Stabalizer/Wildflower mix			Quality Seeds	Hydroseed mix
		Non-Netted, grown on sand					
NOTES		•					•

OF A DISCREPANCY BETWEEN THE PLANT LIST AND THE PLANTING PLAN, THE PLANTING PLAN TAKES PRECEDENCE 2 SEARCH AREA TO INCLUDE BRITISH COLUMBIA, WASHINGTON, AND OREGON E - EVERGREEN B - BIRD FRIENDLY P - POLLINATOR

MATERIALS AND FURNISHINGS

D	REFERENCE	DESCRIPTION	SIZE	MODEL	MANUFACTURER	COMMENT	COLOUR
1_	2/L6.1	FENCE	8' HEIGHT	MONTAGE COMMERCIAL INVINCIBLE	AMERISTAR	OR EQUIVALENT	BLACK
	<u> </u>	1					
TAN	ERIALS						
D	REFERENCE	DESCRIPTION	SIZE	MODEL	MANUFACTURER	HIGHLIGHT	COLOUR
11	1/L6.1	DRIP STRIP	-	-	CUSTOM	-	-

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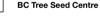
landscape architecture

Date Issue Notes

2021-06-09 DP Application - Tree #169 Revision 2022-03-08 Issued for Building Remit



	•	
NG MED	IUM LEGEND	18793 32nd Ave
X	300 MM (12") SOIL DEPTH	Surrey, BC
	610 MM (30") SOIL DEPTH	Drawing Title





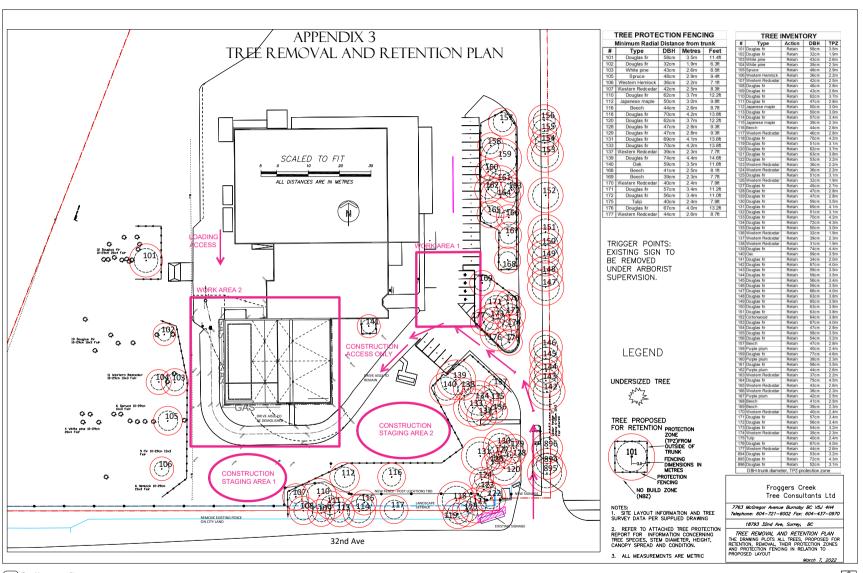
GROWI



Coneflower(Purple

AS NOTED L0.1

2021-05-20



Revision

Date Revision Not

Date Issue Not

2021-05-21 Issued for DP 2021-06-09 DP Application - Tree #169 Revision

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90 West 2nd Avenue

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BC Tree Seed Centre

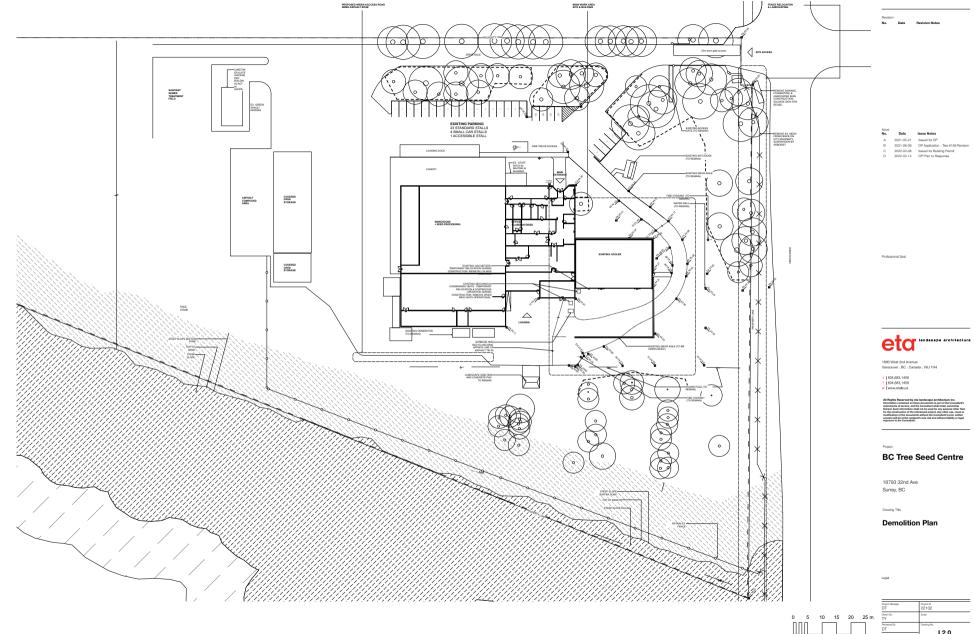
18793 32nd Ave Surrey, BC

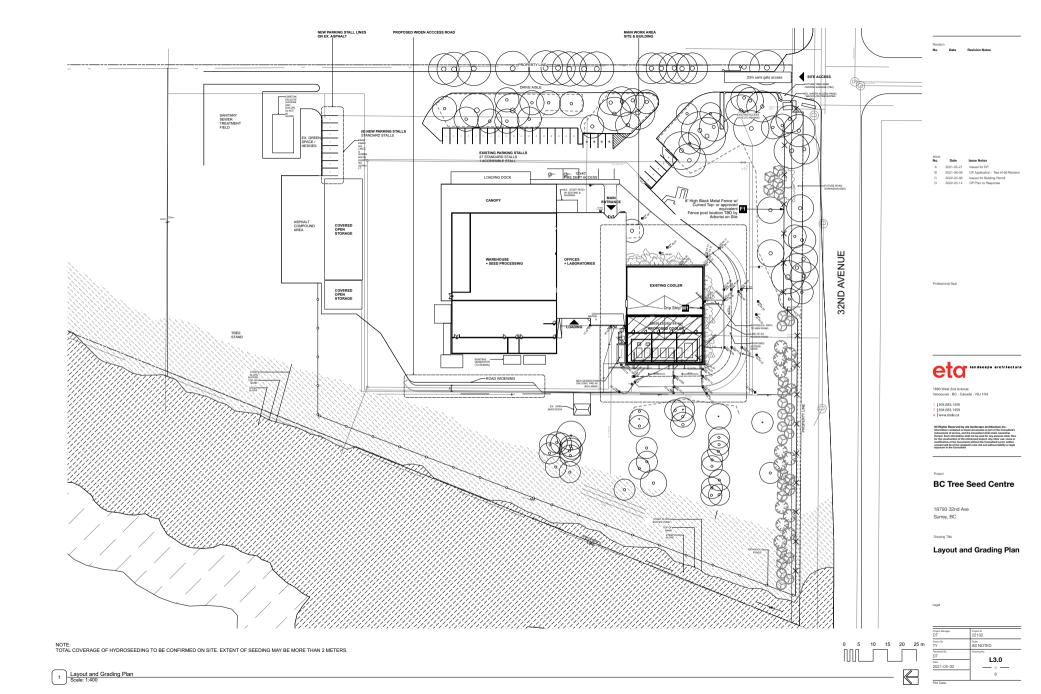
rawing Title

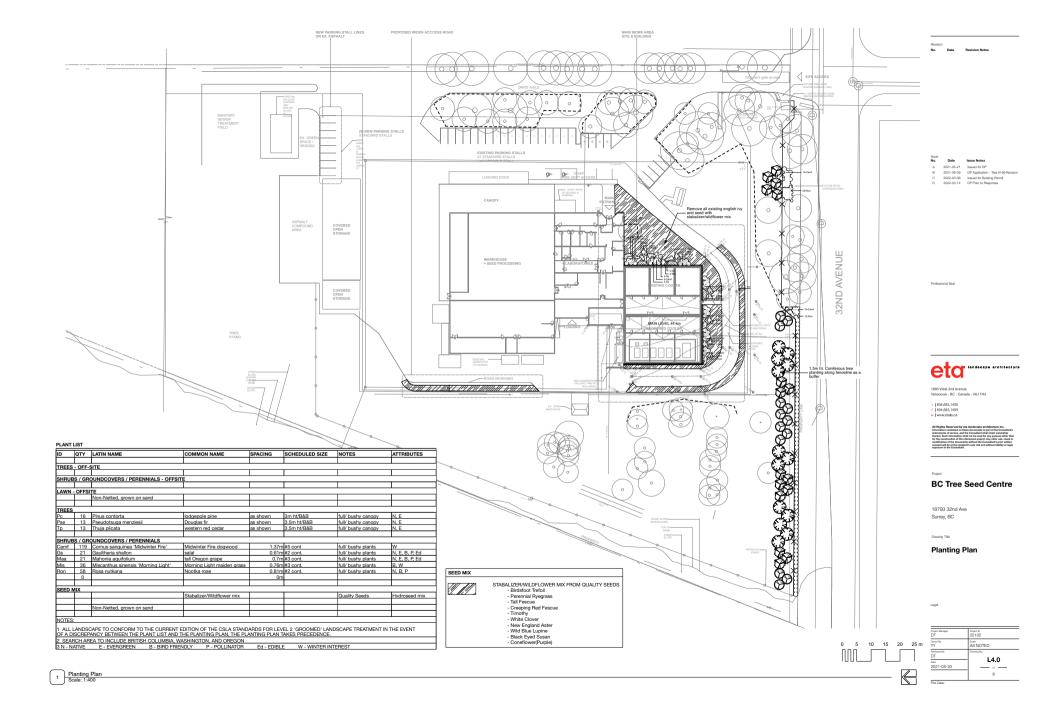
Tree Management Plan

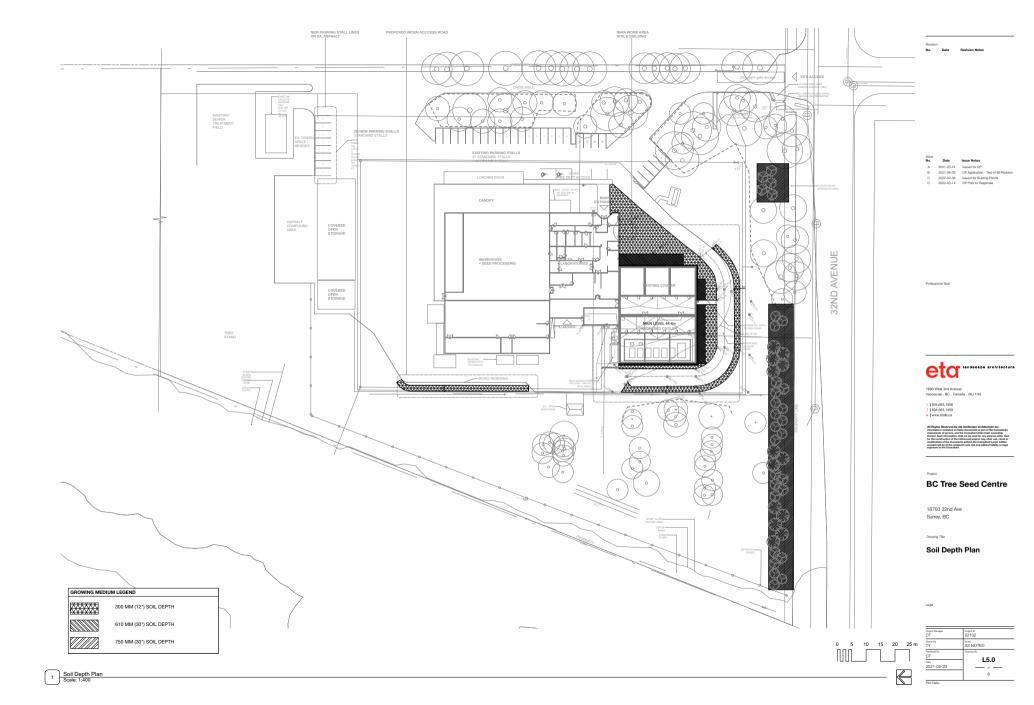
Legal

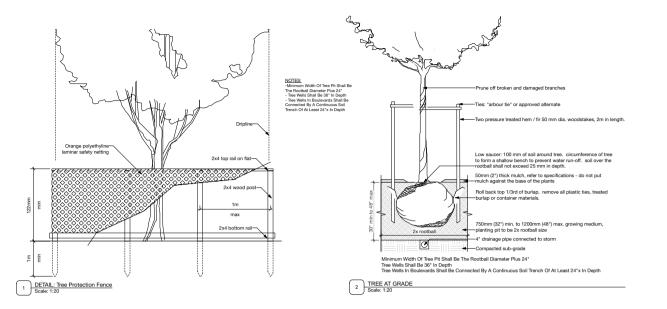
1 Tree Management Plan

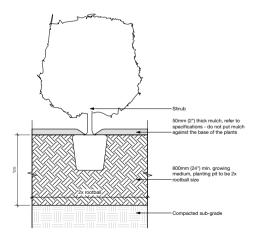












3 SHRUB AT GRADE Scale: 1:10

Issue No. Date Issue Notes

 No.
 Date
 Issue Notes

 A
 2021-05-21
 Issued for DP

 B
 2021-06-09
 DP Application - Tree #169 Revision

 C
 2022-03-08
 Issued for Building Fermit

 D
 2022-03-14
 DP Prior to Response

Destructional Scal

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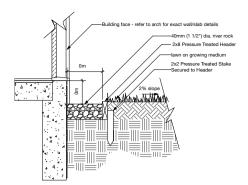
18793 32nd Ave Surrey, BC

Drawing Title

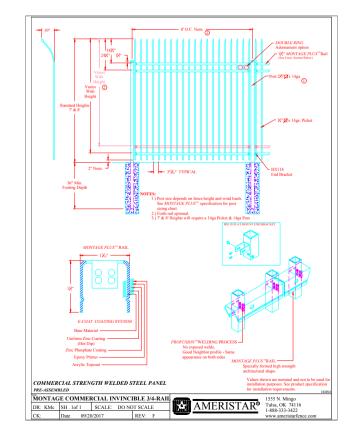
Softscape Details

ject Manager T	Poject D 22102
sum By	Scale AS NOTED
riewed By T	L6.0
021-05-20	
	8





1 DRIP STRIP AT GRADE



2 Montage Commercial Invincible Fence Scale: NTS

No. Date Issue Notes

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Drawing Title

Hardscape Details

Poject Manager DT	Project ID 22102
Down By TY	AS NOTED
Periewed By DT	Drawing No.
2021-05-20	L6.1