City of Surrey PLANNING & DEVELOPMENT REPORT Application No.: 7919-0149-00

Planning Report Date: May 10, 2021

PROPOSAL:

ZONING:

• **Rezoning** from CHI and RA to CD

to permit the development of a private school and temple.

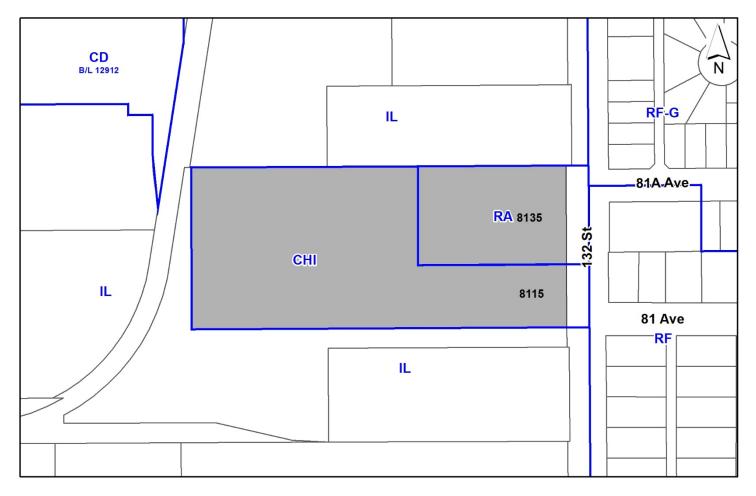
LOCATION:

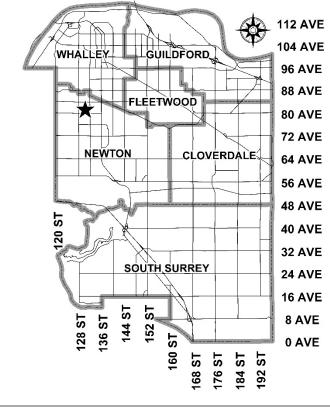
8115 - 132 Street

8135 - 132 Street

RA and CHI

OCP DESIGNATION: Mixed Employment





RECOMMENDATION SUMMARY

• By-law Introduction and set date for Public Hearing for Rezoning.

DEVIATION FROM PLANS, POLICIES OR REGULATIONS

• None.

RATIONALE OF RECOMMENDATION

- Complies with the Mixed Employment Designation in Official Community Plan.
- The proposed Gurdwara and Private School are an appropriate land use in compliance with OCP policies. Similarly, the use is in compliance with the City's Employment Lands Strategy and Economic Development Strategy.
- The subject site is currently being used efficiently as an institutional use (Gurdwara Sukh Sagar). The proposed rezoning will allow for a new gurdwara building to be constructed at the rear of the property and the existing building will be converted into a private school and daycare.
- The proposed building achieves a good architectural built form, through the use of high quality, contemporary materials to create an artistic statement.
- The proposed childcare provides a community amenity which benefits the public by providing additional childcare. Furthermore, the proposed private school alleviates pressure on the challenges with public school capacity. There is limited space for these types of institutional uses within the City.

RECOMMENDATION

The Planning & Development Department recommends that:

- 1. A By-law be introduced to rezone the subject site from RA and CHI to CD (based on PA-2) and a date be set for Public Hearing.
- 2. Council instruct staff to resolve the following issues prior to final approval:
 - (a) ensure that all engineering requirements and issues including restrictive covenants, dedications, and rights-of-way where necessary, are addressed to the satisfaction of the General Manager, Engineering;
 - (b) registration of blanket access and shared parking easements to ensure access to the proposed shared parking and amenity facilities within the development; and
 - (c) registration of a Section 219 Restrictive Covenant to adequately address the City's needs with respect to public art, to the satisfaction of the General Manager Parks, Recreation and Culture.

| Direction | Existing Use | OCP Designation | Existing Zone |
|---------------------------|------------------|-----------------|---------------|
| Subject Site | Temple | Mixed | СНІ |
| | | Employment | |
| North: | Burnco Landscape | Industrial | IL |
| | Centre | | |
| East (Across 132 Street): | Single Family | Urban | RF |
| | Residential | | |
| South: | Industrial | Industrial | IL |
| West: | Industrial | Industrial | IL |

SITE CONTEXT & BACKGROUND

Context & Background

- The subject site is located along the west side of 132 Street, north of 80 Avenue, is designated Mixed Employment in the Official Community Plan and zoned One Acre Residential (RA) and Highway Commercial (CHI).
- The proposed temple and private school are an appropriate land use and in compliance with OCP policies which encourage employment generation. Similarly, the uses are in compliance with the City's Employment Lands Strategy and Economic Development Strategy.
- The subject site is currently used as a Sikh Temple (Sri Guru Nanak Singh Sabha Gurdwara). The existing building will be re-developed into a new private school, and an additional building will be constructed at the rear of the property as the new temple.

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DEVELOPMENT PROPOSAL

Planning Considerations

• Applicant is proposing to rezone the site from "Highway Commercial (CHI)" and "One Acre Residential (RA)" to Comprehensive Development (CD based on "Assembly Hall 2 (PA-2) Zone).

| | Proposed | |
|-------------------------|------------------------|--|
| Lot Area | | |
| Gross Site Area: | 22,345 square metres | |
| Road Dedication: | 147 square metres | |
| Net Site Area: | 22, 198 square metres | |
| Number of Lots: | 2 | |
| Building Height: | School: 17.7 metres | |
| | Temple: 18.3 metres | |
| | Sikh Flag: 33.0 metres | |
| Floor Area Ratio (FAR): | 0.54 | |
| Floor Area | | |
| School: | 5,367 square metres | |
| Temple: | 5,450 square metres | |
| Daycare | 365 square metres | |
| Residential: | 738 square metres | |
| Total: | 11,920 square metres | |

Referrals

| Engineering: | The Engineering Department has no objection to the project as outlined in Appendix II. |
|---------------------------------|--|
| Parks, Recreation & Culture: | Parks notes that all boulevard trees are proposed to be retained through this project. The project arborist will be required to provide additional information for methods of excavation and retaining wall removal that is required within the boulevard tree protection zones. |
| | There are two boulevard trees that have a sidewalk located through their tree protection zones, which will require modified construction methods to retain. |
| Fire Department: | Fire Department comments include the following: |
| | The road over the parkade must be designed to support a fire truck of 80,000 lbs. |
| | Provide a stairwell at or near the primary response point the provides access to all above grade and below grade storeys. |

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Transportation Considerations

Traffic Impacts

- A Traffic Impact Analysis (TIA), including a detailed review of access configuration, was required by Staff to determine the extent of off site requirements and any necessary on site requirements to improve safety and operations.
- Trip generation rates and volumes for the proposed land use of the development were based on the ITE Trip Generation Manual (10th Edition General Urban/Suburban rates). It is notes that the analysis assumed the Gurdwara will generate traffic as a similar rate as a Church (ITE does not provide trip rates for a Gurdwara).
- Using the ITE trip rates, the development is estimated to generate approximately 475 trips during the AM Peak and 350 trips during the PM peak. This equates, on average, 6 to 8 vehicles entering of leaving the site per minute during the peak hour periods. The TIA noted that there may be an opportunity for internal trips to be combined with the complimentary uses occurring on site (i.e. daycare and elementary school).
- The TIA recommends that:
 - a signalized intersection at the site access location, in alignment with 81A Avenue, to improve operation of the surrounding road network and allow for suitable access and egress to the site.
 - 132 Street be widened from the current 3-lane cross section to a 5-lane cross-section to support overall area densification and traffic growth.

Road Network & Infrastructure

- The applicant is required to dedicate lands on 132 Street to support the standard arterial 5 lane cross section. This corridor is currently planned for Arterial Widening and Improvements in Engineering's current 10-year (2021-2030) Servicing Plan project R-18501.
- The applicant is required to fully fund the construction of a signalized intersection at 81A Avenue and 132 Street, which will include any necessary infrastructure beyond the site frontage left turn bays, new pedestrian letdowns, and medians as required,

<u>Access</u>

• There is one existing access full movement access at 132 Street at the northeast portion of the site. A secondary access (exit only) to the south of the primary access exists along 132 Street which is limited to right-out movement

The applicants transportation consultant explored two possible configurations for vehicle entry into the site:

• The first configuration looked at signalizing 81 Avenue, as the main site vehicle entry at 81 Avenue and secondary right-in right-out exit at 81A Avenue.

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- The second configuration looked at signalizing 81A Avenue as the main site vehicle access and exit at 81 Avenue.
- Both configurations produced acceptable traffic operational results, the second configuration allows for better management of the future site access operations without compromising operations at 81 Avenue.
- An on-site queuing distance of approximately 27 metres is also provided.

Parking

- The parking requirements of the zoning by-law requires the following parking stalls to be located on the site based on the anticipated gross floor area of the proposed uses:
 - Place of Worship: 455
 - Mezzanine: 23
 - Residential: 11
 - School: 48
 - Childcare: 25
 - Total: 562
- The total of 562 required parking spaces is if all uses were to provide the parking separately. However, since the application will be accommodating the shared parking arrangement between the school, gurdwara and a future daycare, the provision of under Part 5 for "Alternate Hours of Use" apply as they have different temporal distributions for Parking.
- A reduction of the Place of Worship rate from 10 spaces per 100 square meters to 8 spaces per 100 square metres is supported by Staff based on a City initiated Places of Worship study. The findings of the study demonstrated that the peak demand rate per 100 square metres for the existing Gurdwara on site is 8 spaces per 100 square metres. As such, this rate can be supported for the new Gurdwara proposed within the site.
- A reduction of the mezzanine rate from 2.5 spaces per 100 square metres to 0.8 spaces per 100 square metres is also supported as the applicant has demonstrated that the mezzanine area will be used as an accessory use to the Prayer Hall within the Gurdwara. The City's Transportation Division has reviewed the rationale and supports that the mezzanine rate of 2.5 spaces per 100 square metres is based on traditional office use, whereas a 0.8 spaces per 100 square metres is more suited to the function of the mezzanine space within the Gurdwara.
- The revised overall requirement including reduced rate, and Alternate Hour of Use provision is 371. The applicant is providing 371 spaces on site.
- The development will provide an underground parking structure, with the access to the parkade provided on the west side of the site, next to the Gurdwara building. The underground parking structure provides 155 parking spaces. The surface parking provides an additional 216 spaces.
- As there are two legal lots, shared parking agreement is required. A Restrictive Covenant and blanket Cross Access Easement will be provided to ensure the shared parking is functional for this site.

Public Art Policy

• The applicant will be required to provide public art or register a Restrictive Covenant to adequately address the City's needs with respect to public art, in accordance with the City's Public Art Policy requirements.

While the private school and future child care centre are exempt under the policy, places of worship are subject to the provisions of the policy. Resolution of this requirement will be required prior to the issuance of any Building Permit on the property.

POLICY & BY-LAW CONSIDERATIONS

Regional Growth Strategy

- The two lots associated with this application are designated separately. Property located at 8135 132 Street is designated Industrial and property 8115 132 Street is designated Mixed Employment.
- Both RGS designations allow for school and assembly hall uses. Lot consolidation of the two properties is not necessary for the redevelopment of the two lots, therefore, an RGS Amendment is not required.

Official Community Plan

Land Use Designation

• The properties are designated Mixed Employment in the Official Community Plan. The mixed employment designation is intended to support a mix of industrial, commercial business and office uses. The proposed school and assembly hall uses are permitted within the Mixed Employment land uses designation.

CD By-law

- The applicant is proposing a "Comprehensive Development Zone (CD)" to accommodate a proposed school and temple on the subject site. The proposed CD By-law for the site identifies the uses, densities and setbacks that are proposed. The CD By-law will have provisions based on the "Assembly Hall 2 (PA-2) Zone".
- The CD By-law is divided into two Blocks. Block A comprises the proposed Assembly Hall, Private School, Child Care Centre, Community Centre, and Residential Accessory Use. Blocks B is for Parking and are regulated accordingly in the CD By-law.

• A comparison of the density, lot coverage, setbacks, building height and permitted uses in the PA-2 Zone and the proposed CD By-law is illustrated in the following table:

| Zoning | PA-2 Zone | Proposed CD Zone |
|--|--|---|
| ZoningFloor Area Ratio (Block A): Floor Area Ratio (Block B):Yards and Setbacks (Block A)Lot Coverage Principal Building Height:Permitted Uses: | PA-2 Zone 0.5 0 Front: 7.5 m Rear: 7.5 m Side: 3.6 m Flanking: 7.5 m 40% 9.0 metres Assembly Hall Private Schools Child Care Centres Child Care Centres Community Services Services Accessory Use: One(1) or two(2) dwelling units for the accommodation of official, manager or caretaker of the principal use provided that such is use is limited in area to 260 square metres either | Proposed CD Zone0.720North: 8.3 mSouth: 12.3 m (temple)0 m (school)East: 9.6 mWest: 9.0 m27%Gurdwara:18.3 metresArchitectural Dome:28.9 metresSchool:17.7 metresSikh Flag:33.0 metres•Assembly Hall (Place of Worship)•Private School•• |
| | accommodated in one separate building or within the principal building. | |
| Parking (Pa | art 5) | Proposed |
| Assembly Hall: 478 Residential: 11 Private School: 48 Day Care: 25 Total: 462 | | 371 spaces (parking met utilizing the shared parking provision in the Zoning By-law) |

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- The proposed gross floor area of 11,920 square metres represents an FAR of 0.72 which is higher than the 0.50 FAR permitted under the PA-2 Zone. Should the subject properties be consolidated into one lot the proposed FAR would be 0.54 FAR, which is slightly higher than what is permitted under the PA-2 Zone (Maximum 0.5 FAR).
- The proposed rezoning does not result in any changes to the land uses already permitted on the land under the proposed zone.
- The PA-2 Zone requires a setback of 7.5 metres from all property lines, which has been reduced for the proposed addition of the existing building. A portion of the school building will be setback at o metres. All other property lines exceed the 7.5 metre setback.
- The PA-2 Zone requires a Building Height of 9.0 metre which has been increased to 18.3 metres for the Gurdwara building. There is an architectural dome located on top of the Gurdwara building that has a proposed height of 28.9 metres. The CD Zone also proposes a 17.7 metre height for the proposed school and 33 metres for the Sikh flag located outside of the Gurdwara building.
- The adjacent uses are industrial in nature, inclusive of some outdoor storage and thus the increased height should have minimal impact on these uses.

PUBLIC ENGAGEMENT

• Pre-notification letters were sent on December 11, 2020 and the Development Proposal Signs were installed on December 12, 2020. To date, staff have received no responses from neighbouring property owners.

BUILDING DESIGN

- A review of the form and massing for the proposed uses has been completed by staff in order to ensure that the proposed massing, height, and setbacks are appropriate for this location and compatible with existing and planned developments in the area.
- A Development Permit (DP) is not required for the proposed Gurdwara. Place of Worships and institutional uses are exempt from Development Permits for Form and Character.

Sikh Temple

- A Sikh Temple already exists on the subject site. The applicants are proposing to construct a new building along the east property line. The existing building will be converted to the proposed Private School.
- Sri Guru Singh Sabha is a community-based gurdwara, which has experienced significant growth in Greater Vancouver. The Gurdwara strives to be a positive influence locally and globally through its charitable initiatives within the immediate community and the greater global community.
- The programing for the proposed Temple will include:

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- Darbar Hall: Two prayer halls with floor seating consisting of up to 1,500 persons is located on the second floor. The prayer hall consists of a staging area, and the Palkhi Sahib in each prayer hall which is a structure that contains a copy of the Sikh Holy Book (Guru Granth Sahib Ji).
- Langar Hall: two open halls consisting of floor and table seating.
- Archive Space: consisting of audio, video and picture and artifact exhibition. Five reading rooms and five bedrooms containing two twin beds and a closet in each room. The rooms are to house priests that are typically here from India to conduct prayers. Five additional bedrooms are located on the fourth floor.
- Administration consisting of office space, bride and groom rooms, meeting, board rooms, and gathering spaces;
- Kitchen consisting of a commercial kitchen, pantry, and equipment.
- Residential Rooms: ten bedrooms consisting of two twin beds and a closet is located on the third and fourth floor.
- The proposed development includes a gross floor area of 5,367 square metres for the Private School, 5,450 square metres for the Sikh Gurdwara, 365 square metres for the childcare centre and 738 square metres is allocated to the residential bedrooms for a total of 11,920 square metres.
- The proposed Gurdwara has a building height of 17.3 metres (56 feet) in a four (4) storey building form with three (3) levels of underground parking.

Private School & Child Care Centre

- The existing building on the property will be converted to a Private School and Child Care Centre. The applicant is also proposing an expansion to the existing building to accommodate a gymnasium, and additional classrooms.
- The proposed private school would be for grades Kindergarten through Grade 12 and would be regulated under the Independent Schools Act.
- The applicant is expecting a total of 100 students on opening day, with a maximum number of 552 students in the ultimate condition and an additional 35 students for the daycare. The classroom sizes and parking have been calculated based on the ultimate condition.
- The "One-Acre Residential (RA) Zone" and "Commercial Highway (CHI) Zone" which regulates development on the sites do not permit private schools and therefore the owner is proposing a rezoning to "Comprehensive Development (CD) Zone" based on the "Assembly Hall (2) Zone (PA-2)" to permit the private school and day care.
- The gross floor area of the school will be 5,367 square metres, consisting of 23 classrooms, gymnasium, archive space and daycare. At this time, they anticipate that this portion of their school will have an approximate total capacity of 552 elementary students.

- The child care centre will have 765 square metres of floor space, and a total capacity of 35 daycare students.
- Currently, private schools are only permitted under the "Institutional 1 Zone (PA-1)", with a limited enrolment of 50 students, and the "Assembly Hall 2 Zone (PA-2)" with unlimited enrollment. The proposed rezoning will allow for a private school to operate in a unique urban/industrial environment.
- The proposed private school and daycare is considered a complementary use to the new Gurdwara building.

Detailed drawings for the proposed childcare were not provided at this time. This information will be reviewed in the future through a Tenant Improvement Building Permit application. The applicants will be required to refer the building plans to the Fraser Health Authority to confirm that their requirements are being achieved. At time of application, a review of the landscaping will be required regarding location and adequacy of the proposed play area.

Building Design

- The existing building on the property will be converted into the new private school and day care. No changes are proposed to the existing façade at this time, however, the applicants can propose changes through a Tenant Improvement Building Permit application at a later time.
- The proposed private school design is contemporary in nature. The angulated entrance way delineates the formal straight lines of the building. The entry way is emphasized with the help of the enlarged canopy, which will also help serve as weather protection over the main façade.
- The windows in each classroom have deep boxing to increase the amount of indirect sunlight and diffuse the light penetrating into the classrooms. The window boxing has been accentuated with bright colors to create a sense of play to the façade and create interest in the elevations.

TREES

• Mike Fadum, ISA Certified Arborist of Mike Fadum & Associates prepared an Arborist Assessment for the subject property. The table below provides a summary of the tree retention and removal by tree species:

| Tree Species | Existing | Remove | Retain | | | |
|--|----------|--------|--------|--|--|--|
| Alder and Cottonwood Trees | | | | | | |
| Alder | 1 | 1 | 0 | | | |
| Deciduous Trees (excluding Alder and Cottonwood Trees) | | | | | | |
| Elm, American | 1 | 0 | 1 | | | |
| Honelocust 15 14 1 | | | | | | |
| Katsura 2 0 2 | | | | | | |
| Maple, Norway – Crimson King | 10 | 10 | 0 | | | |

Table 1: Summary of Tree Preservation by Tree Species:

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| Oak, spp | | 52 | 51 | 1 |
|---|---------|-----------|----------|---|
| | Conifer | ous Trees | | |
| Falsecypress | 3 | | 3 | 0 |
| Pine | 8 | | 8 | 0 |
| Spruce, Colorado Blue | | 1 | 1 | 0 |
| Total (excluding Alder and Cottonwood Trees) | | 92 | 87 | 5 |
| Total Replacement Trees Proposed (excluding Boulevard Street Trees) | | | 148 | |
| Total Retained and Replacement Trees | | 153 | | |
| Contribution to the Green City Program | | | \$10,800 | |

- The Arborist Assessment states that there is a total of 92 mature trees on the site, excluding Alder and Cottonwood trees. 1 existing tree, approximately 1% of the total trees on the site, is an Alder tree. It was determined that 5 trees can be retained as part of this development proposal. The proposed tree retention was assessed taking into consideration the location of services, building footprints, road dedication and proposed lot grading.
- For those trees that cannot be retained, the applicant will be required to plant trees on a 1 to 1 replacement ratio for the Alder tree, and a 2 to 1 replacement ratio for all other trees. This will require a total of 175 replacement trees on the site. Since only 148 replacement trees can be accommodated on the site, the deficit of 27 replacement trees will require a cash-in-lieu payment of \$10,800, representing \$400 per tree, to the Green City Program, in accordance with the City's Tree Protection By-law.
- The new trees on the site will consist of a variety of trees including Japanese Maple, October Glory Maple, European Hornbeam, Nootka Cypress, Marshall's Seedless Ash, Worplesdon Sweet Gum, Daybreak Cherry, Crown Right Pin Oak, Crimson Spire Oak and Bald Cypress.
- In summary, a total of 153 trees are proposed to be retained or replaced on the site with a contribution of \$10,800 to the Green City Program.

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INFORMATION ATTACHED TO THIS REPORT

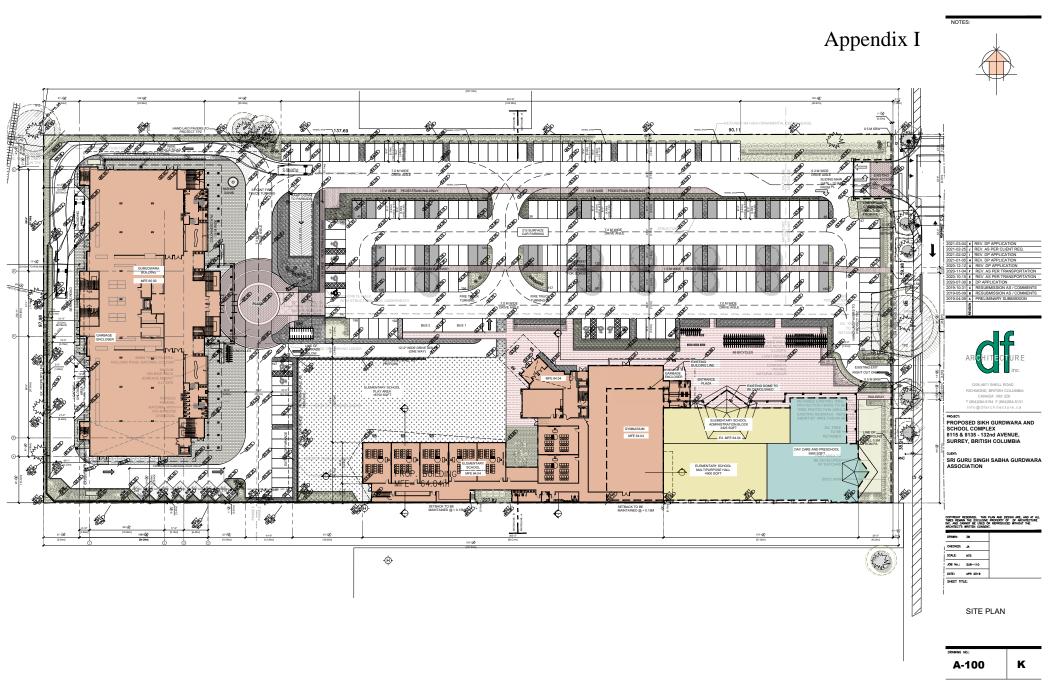
The following information is attached to this Report:

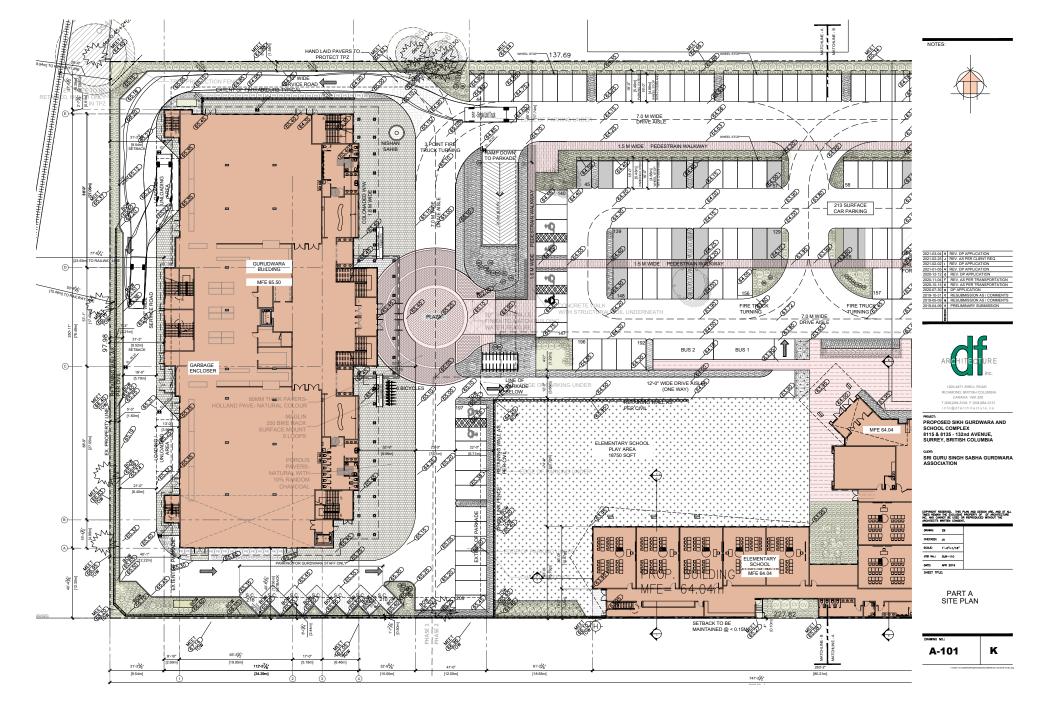
| Appendix I. | Site Plan, Building Elevations, Landscape Plans and Perspective |
|---------------|---|
| Appendix II. | Engineering Summary |
| Appendix III. | Summary of Tree Survey and Tree Preservation |
| Appendix IV. | Tree Management Plan |
| Appendix V. | Block Plan |

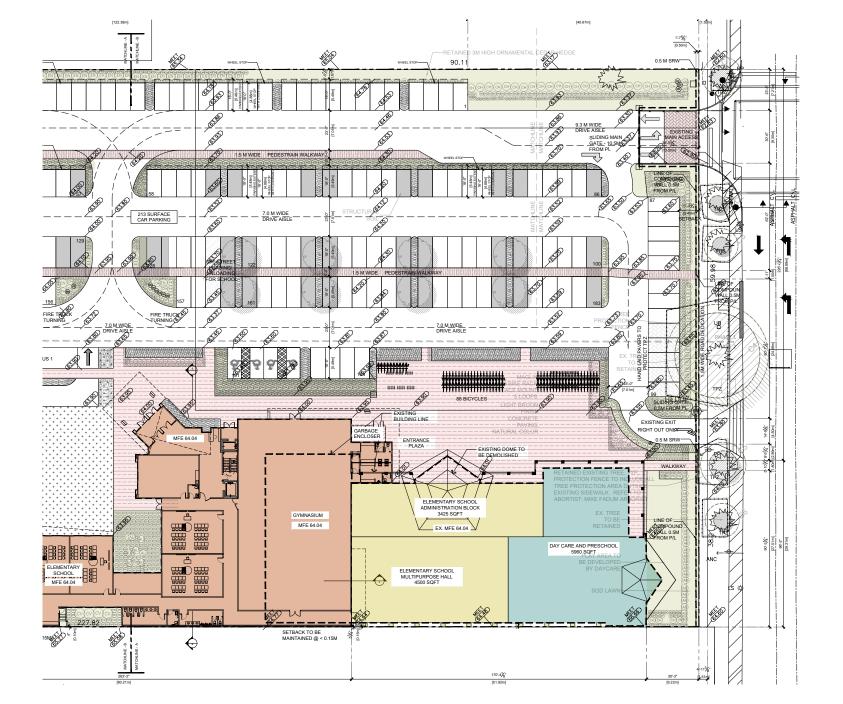
approved by Shawn Low

Jean Lamontagne General Manager Planning and Development

HS/cm









NOTES:





1205-4871 SHELL ROAD RICHMOND, BRITISH COLUMBIA CANADA V5X 326 T (504)284-5194 F (504)284-5131 info@dfarchitecture.ca

PROJECT: PROPOSED SIKH GURDWARA AND SCHOOL COMPLEX 8115 & 8135 - 132nd AVENUE, SURREY, BRITISH COLUMBIA

CUENT: SRI GURU SINGH SABHA GURDWARA ASSOCIATION



PART B SITE PLAN

A-102 K

| PROJECT DATA | | FAR CALCULATI | FAR CALCULATION | | | OFF-STREET PARKING | | | | | | |
|---|---|--------------------|-----------------|---|---------------------------------|--|--|---------------------------|---------------------|----------------|------------------------------|--|
| VIC ADDRESS : 8115 & 8135 - 132nd AVENUE, SURREY, BRITISH COLUMBIA GAL DESCRIPTION : LOT 51 SECTION 29 TOWNSHIP 2 PLAN NWP59251 NWD EXCEPT PLAN PT | | GURDWARA COMPONENT | | | GURDWARA COMPONENT | | | | | | | |
| SAL DESCRIPTION . | DEDICATED RD ON LMP47874. LOT 51 SECTION 29 TOWNSHIP 2 P | | | FIRST FLOOR AREA (KITCHEN + DINING HALL FOR CONGREGATION OF PRAYER HALL 1 & 2) | 18,732.94 SQFT | 1740.3 SQM | | GROSS FLOOR AREA (SQM) | CARS PER 100 SQM | NO. OF CARS | SAY | |
| | DEDICATED RD ON LMP47874. | | | FIRST FLOOR CIRULATION AND SERVICES AREA FOR PRAYER HALL | | | FOR PRAYER HALL 1 & 2 | 2807.07 | 7.5 | 210.5 | 211.0 | 2021-03-04 K REV. DP APPLICATION 2021-02-25 J REV. AS PER CLIENT RE |
| INFO | | | | 1 & 2 (LOBBY + SHOE AREA + WASHROOMS) | 8.168.30 SQFT | 758.9 SQM | TOTAL | | | | 211 | 2021-02-02 I REV. DP APPLICATION 2021-01-05 H REV. DP APPLICATION |
| | | 182341.3 SQFT | 16940.1 SQM | | | | | | | | | 2020-12-12 C REV. DP APPLICATION 2020-11-04 F REV. AS PER TRANSPO |
| | | 58175.7 SQFT | 5404.7 SQM | SECOND FLOOR AREA (PRAYER HALLS + MISC. + CIRCULATION) | 22,046.76 SQFT | 2048.2 SQM | BICYCLE SPACES | | REQUIRED | PROV | IDED | 2020-10-15 E REV. AS PER TRANSPO |
| | | 240517.0 SQFT | 22344.7 SQM | MEZZANINE FLOOR AREA (FOR READING SCRIPTURES + AUDIO/ | | | REQURED | | 6 | 6 | 5 | 2020-07-30 D DP APPLICATION 2019-10-31 C RESUBMISSION AS / CO |
| | | 5.521 ac | 2.234 ha | PICTURE/ VIDEO EXHIBITION + ARTIFACTS EXHIBITION | 9,712.88 SQFT | 902.4 SQM | | | | | | 2019-05-09 B RESUBMISSION AS / CC 2019-04-09 A PRELIMINARY SUBMISS |
| | | 1585.0 SQFT | 147.3 SQM | TOTAL | 58,660.88 SQFT | 5449.8 SQM | and the second second second second | | | | | a la |
| | | | | _ | | | RESIDENTIAL COMPONENT | 1 | | | | REVA |
| REA | | 238932.0 SQFT | 22197.5 SQM | RESIDENTIAL COMPONENT | | | | | | | PROVIDED | |
| | | | | MAIN FLOOR (RESIDENTIAL LOBBY) | 263.11 SQFT | 24.4 SQM | TOTAL | | | | 3 | |
| ING | | | | SECOND FLOOR AREA | 2,638.04 SQFT | 245.1 SQM | | | | - | | |
| ING | | CI | | | | | BICYCLE SPACES | | REQUIRED | PROV | IDED | ARCHITECTUR |
| OSED | | С | | MEZZANINE | 2,522.12 SQFT | 234.3 SQM | REQURED | | 6 | 6 | 5 | – 🛛 🖬 inc |
| | | MIXED EMI | PLOYMENT | FOURTH FLOOR AREA | 2,522.12 SQFT | 234.3 SQM | | | | | | |
| | | 2 | | TOTAL | 7,945.39 SQFT | 738.2 SQM | ELEMENTARY SCHOOL | | | | | 1205-4871 SHELL ROAD RICHMOND, BRITISH COLUMI |
| | | | | | | | | | NO. OF CLASSES | NO. OF CARS | | CANADA V6X 3Z6 T (604)284-5194 F (604)284-51 |
| | | | | ELEMENTARY SCHOOL | | | | | | | SAY | info@dfarchitecture.c |
| | | | | FIRST FLOOR AREA | 12 149 28 5057 | 1221 5 5014 | 1.75 CAR PER CLASSROOM | | 22 | 38.5 | 39.0 | PROJECT: |
| | | | | GYMNASIUM (FIRST FLOOR) | 13,148.28 SQFT 7,800.00 SQFT | 1221.5 SQM 1393.5 SQM | DROP OFF PARKING SPACES | | SHARED | 1 | | PROPOSED SIKH GURDWARA SCHOOL COMPLEX |
| | | | | SECOND FLOOR AREA | 12.674.25 SQFT | 1177.5 SQM | NO. OF PARKING PROVIDED | | | | 39 | 8115 & 8135 - 132nd AVENUE SURREY, BRITISH COLUMBIA |
| | | | | THIRD FLOOR AREA | 12,674.25 SQFT | 1177.5 SQM | _ | | | | | SURRET, BRITISH COLUMBIA |
| | | | | FOURTH FLOOR - SIKH ARCHIVES | 11,447.62 SQFT | 418.1 SQM | BUSES | | | | 2 | SRI GURU SINGH SABHA GU |
| | | | | TOTAL | 57,744.40 SQFT | 5364.6 SQM | _ | | | | | ASSOCIATION |
| | | | | TOTAL | 57,744.40 50,11 | 5504.0 5000 | | | | | | |
| | | | | | | | FUTURE PRESCHOOL & DAYCARE | | | | | |
| | | | | DAYCARE & PRESCHOOL | | | and the second second second second second second second | STAFF | | NO. OF CARS | SAY | |
| | | | | FIRST FLOOR | 1,962.00 SQFT | 182.3 SQM | 0.70 PARKING SPACE PER EMPLOYEE | 14 | | 9.8 | 10.0 | _ |
| | | | | MEZZANINE | 1,962.00 SQFT | 182.3 SQM | 0.15 PARKING SPACE PER CHILD | | | 15.0 | 15.0 | _ |
| | | | | TOTAL | 3,924.00 SQFT | 364.6 SQM | NO. OF PARKING PROVIDED | 1 | | | 25 | COPYRIGHT RESERVED. THIS PLAN AND DESIGN AR TIMES REMAIN THE EXCLUSIVE PROPERTY OF DF A INC. AND CANNOT BE USED OR REPRODUCED WITH ARCHTECT'S WRITEN CONSENT. |
| | | | | | | TOTAL NUMBER OF PARKING SPACES REQUIRED - ALL COMPONENTS 278 | | | | 278 | ARCHITECT'S WRITTEN CONSENT. | |
| | | | | | | | TOTAL NOMBER | COL PARKING SPAC | LO NEQUINED - A | | | CHECKED: JA |
| | | | | | | and the second | | | | PROVIDED | | SCALE: NTS |
| | | | | TOTAL (ALL COMPONENTS) | 128,274.67 SQFT | 11917.1 SQM | | | SURFACE | PARKING SPACES | 216 | J08 No.: SUR-110 |
| | | | | | POSED (NET) | 0.54 | | UNDERGRO | UND BASEMENT | PARKING SPACES | 155 | DATE: APR 2019 |
| | | | | FAR PRO | FOSED (NET) | 0.54 | | - | OTAL DARVING | PACES PROVIDED | 371 | SHEET TITLE: |

PROJECT DATA

2021-03-04 K REV. DP APPLICATIO 2021-02-02 J REV. AS PER CLIENT 2021-02-02 I REV. DP APPLICATIO 2021-01-05 H REV. DP APPLICATION 2020-12-12 C REV. DP APPLICATION 2020-11-04 F REV. AS PER TRANSPORTATION 2020-10-15 E REV. AS PER TRANSPORTATION

> 1205-4871 SHELL ROAD RICHMOND, BRITISH COLUMBIA CANADA V6X 3Z6 T (604)284-5194 F (604)284-5131 info@dfarchitecture.ca



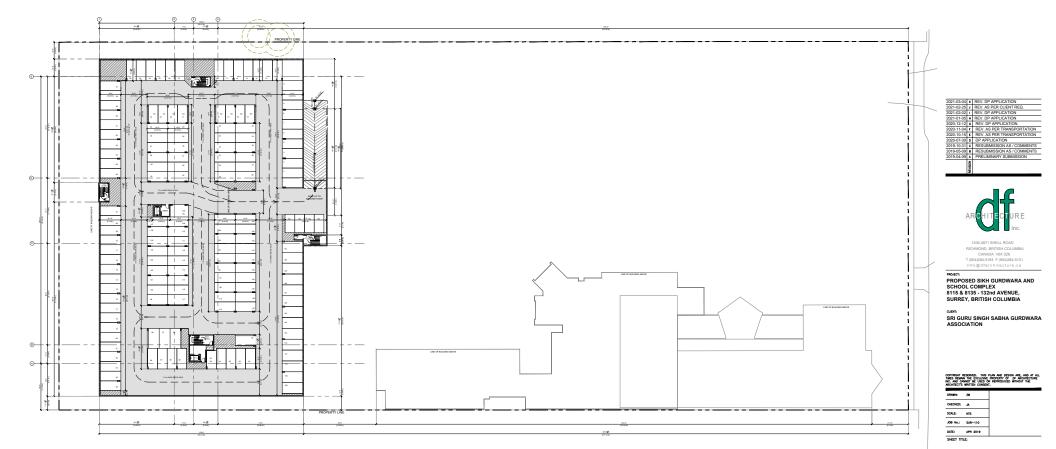
STREETSCAPE-1; FROM 132 STREET



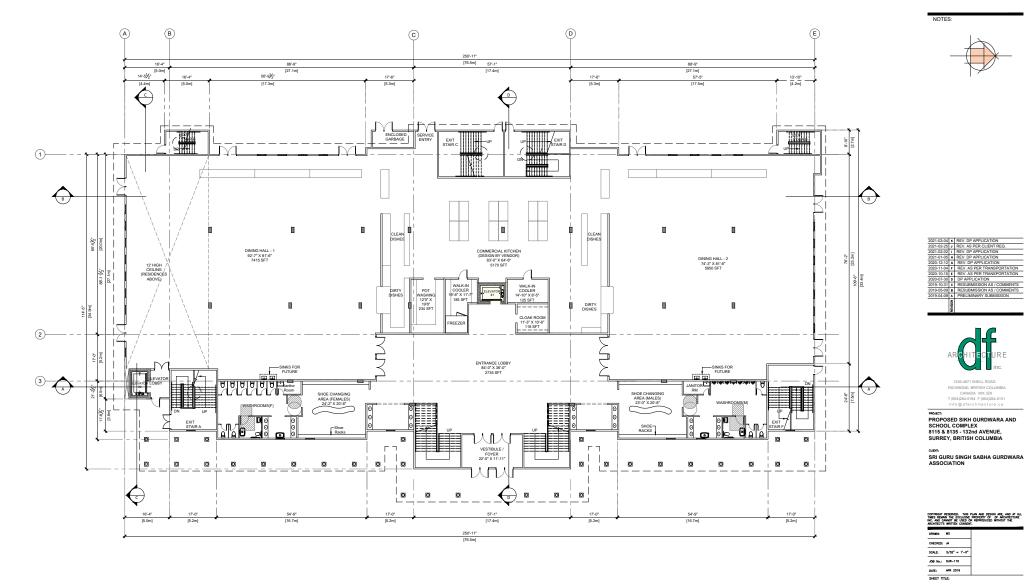
STREETSCAPE - 2 ; FROM 132 STREET (EXISTING)



SUBJECT LOT



PARKADE LEVEL



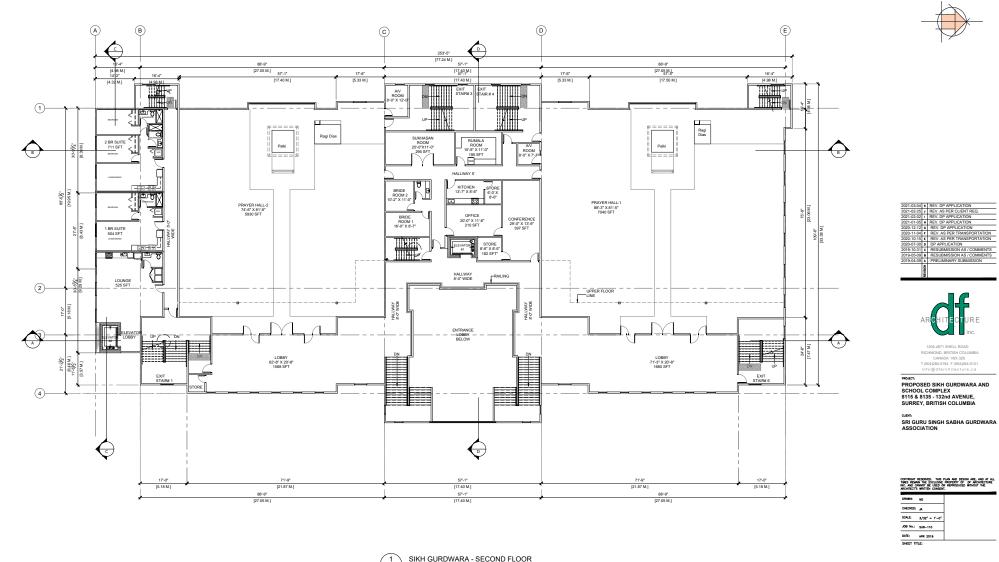
SIKH GURDWARA - FIRST FLOOR

SCALE : 3/32 = 1'-0*



1205-4871 SHELL ROAD

DRAWING NO.: A-201 κ

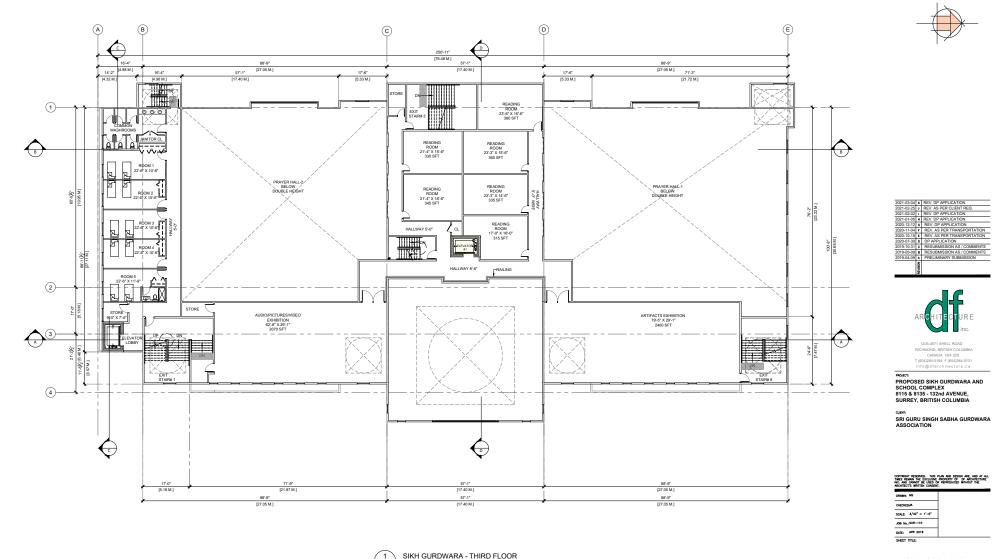


SCALE : 3/32 = 1'-0"

SIKH GURDWARA FLOOR PLANS

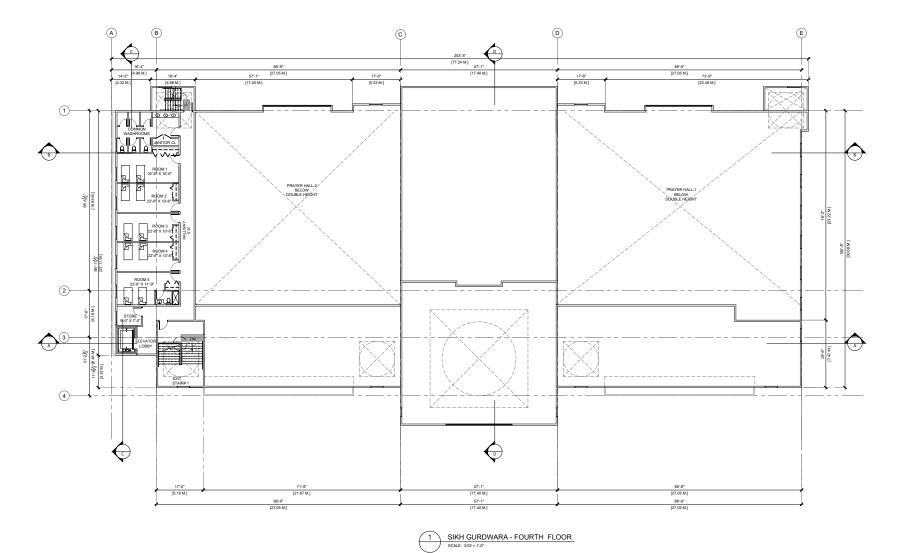
NOTES:

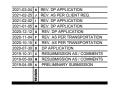
DRAWING NO.:



SCALE : 3/32 = 1'-0"

SIKH GURDWARA FLOOR PLANS





NOTES:



1205-4871 SHELL ROAD RICHMOND, BRITISH COLUMBIA CANADA V6X 326 T (604)284-5194 F (604)284-5131 info@dfarchitecture.ca

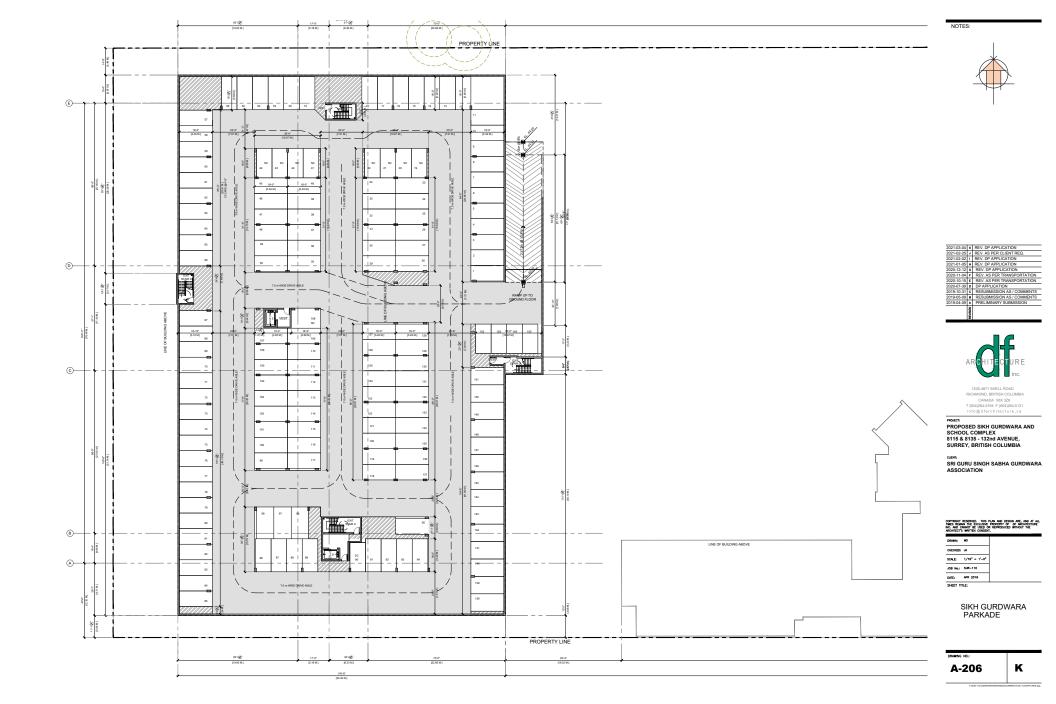
PROPERT: PROPOSED SIKH GURDWARA AND SCHOOL COMPLEX 8115 & 8135 - 132nd AVENUE, SURREY, BRITISH COLUMBIA

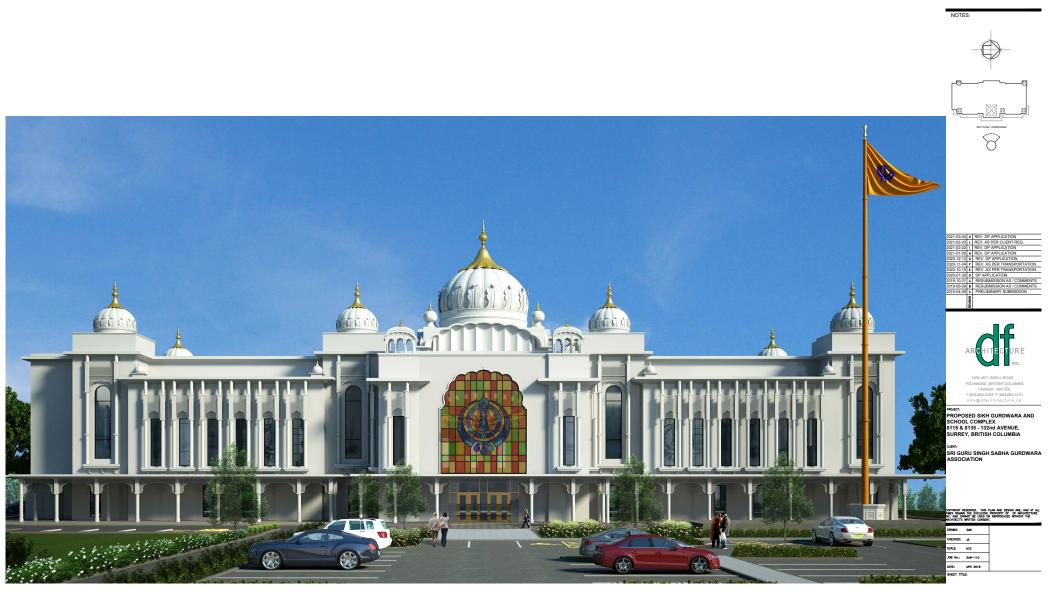
CLEMT: SRIGURU SINGH SABHA GURDWARA ASSOCIATION

| DRAWN: | MS | |
|----------|--|--|
| CHECKED: | A | |
| SCALE | $1/16^{\circ} = 1^{\circ} - 0^{\circ}$ | |
| JOB No.: | SUR-110 | |
| DATE: | APR 2019 | |

SIKH GURDWARA FLOOR PLANS

A-204 K

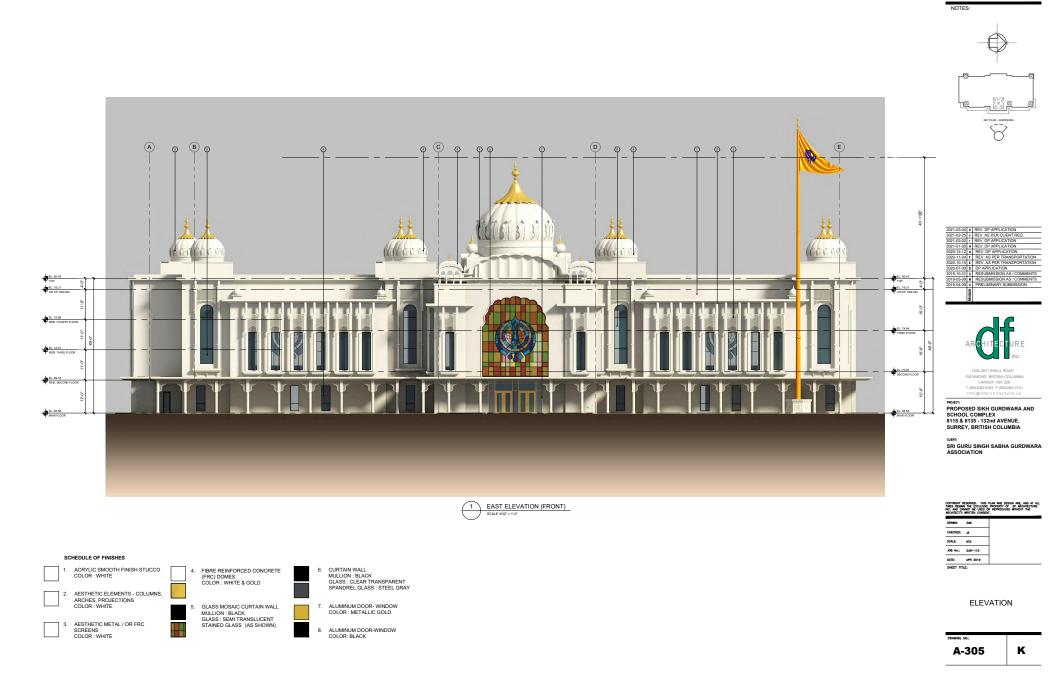




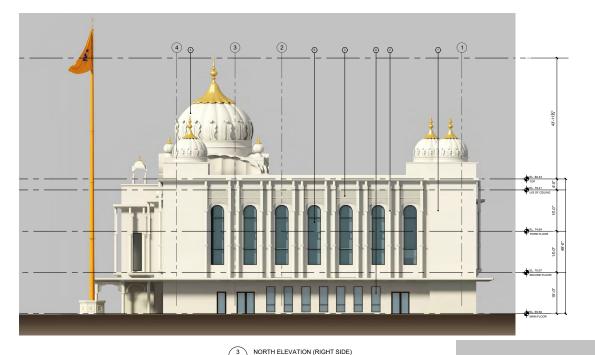
RENDERING 1 - FROM EAST

RENDERINGS

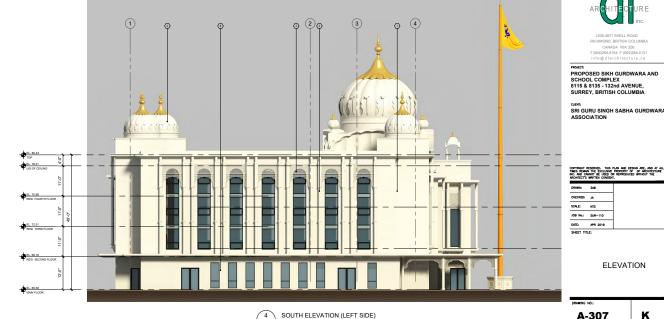








SCALE 3/32" = 1'-0"



SCALE 3/32" = 1'-0"

SCHEDULE OF FINISHES ACRYLIC SMOOTH FINISH STUCCO COLOR : WHITE

AESTHETIC ELEMENTS - COLUMNS, 2 ARCHES, PROJECTIONS COLOR : WHITE

3. AESTHETIC METAL / OR FRC SCREENS COLOR : WHITE

FIBRE REINFORCED CONCRETE 4 (FRC) DOMES COLOR : WHITE & GOLD

GLASS MOSAIC CURTAIN WALL MULLION : BLACK GLASS : SEMI TRANSLUCENT STAINED GLASS (AS SHOWN)

CURTAIN WALL MULLION : BLACK GLASS : CLEAR TRANSPARENT SPANDREL GLASS : STEEL GRAY

> ALUMINUM DOOR- WINDOW COLOR : METALLIC GOLD

ALUMINUM DOOR-WINDOW COLOR: BLACK



1205-4871 SHELL ROAD RICHMOND, BRITISH COLUMBIA

CANADA V6X 326 T (604)284-5194 F (604)284-5131 info@dfarchitecture.ca

PROJECT: PROPOSED SIKH GURDWARA AND SCHOOL COMPLEX 8115 & 8135 - 132nd AVENUE, SURREY, BRITISH COLUMBIA

NOTES:

KEY PLAN - GUS

 2021.03.04
 K
 REV. DP APPLICATION

 2021.02.25
 J
 REV. AS PER CLIENT REQ.

 2021.02.02
 I
 REV. DP APPLICATION

 2021.01.05
 REV. DP APPLICATION

 2021.01.05
 REV. DP APPLICATION

 2021.01.05
 REV. DP APPLICATION

 2020.02
 EX.05
 REV. DP APPLICATION

 2020-12-12
 6
 REV. DP APPLICATION

 2020-11-04
 FEV. AS PER TRANSPORTATION

 2020-11-05
 E
 REV. AS PER TRANSPORTATION

 2020-07-30
 D PA APPLICATION

 2019-05-01
 C
 REV. AS PER TRANSPORTATION

 2019-01-01
 C
 REVENINGSION AS / COMMENTS

 2019-05-09
 RESUBMISSION AS / COMMENTS

 2019-04-09
 A
 PRELIMINARY SUBMISSION

CLIENT SRI GURU SINGH SABHA GURDWARA ASSOCIATION

DRAWN: ZAB

CHECKED: JA SCALE: NTS JOB No.: SUR-110

DATE: APR 2019

SHEET TITLE:

DRAWING NO.:

ELEVATION

A-307 Κ



RENDERINGS



REINDERINGS

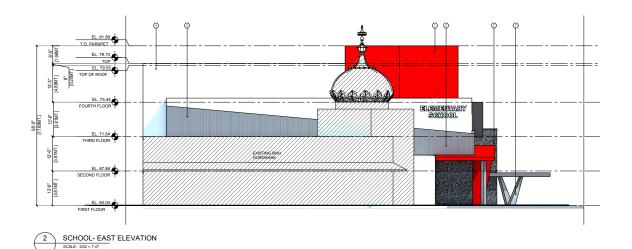


RENDERINGS









SCHEDULE OF FINISHES

3

ALUMINUM COMPOSITE PANELING AL13 OR EQUIVALENT COLOR : SOLID RED STONE CLADDING

STYLE : FIELDSTONE COLOR: DARK GRAY

METAL CLADDING PANELS STYLE : INTERLOCKING WITH 1" REVEAL COLOR: BRIGHT SILVER

SMOOTH FINISH STUCCO COLOR: WHITE

CURTAIN WALL SYSTEM MULLION : BENJAMIN MOORE GRAPHITE 1603 SPANDREL GLASS:WHITE

6. PREFINISHED POWDER COATED METAL CLADDED BOXED WINDOWS FITTED WITH WINDOW COLOR : BASIC GREEN, YELLOW & BLUE

7. CONCRETE COLUMN

ALUMINUM / VINYL DOORS & WINDOWS COLOR : BENJAMIN MOORE GRAPHITE 1603





RICHMOND, BRITISH COLUMBIA CANADA V6X 3Z6

PROJECT: PROPOSED SIKH GURDWARA AND SCHOOL COMPLEX 8115 & 8135 - 132nd AVENUE, SURREY, BRITISH COLUMBIA

CLIENT SRI GURU SINGH SABHA GURDWARA ASSOCIATION

| DRAWN: MS | |
|----------------------|--|
| CHECKED: JA | |
| SCALE: 3/32" = 1'-0" | |
| JOB No.: SUR-110 | |
| DATE: APR 2019 | |
| SHEET TITLE: | |

SCHOOL ELEVATIONS

| DRAWING NO .: | |
|------------------------------|---|
| A-701 | K |
| T BUE 113 GURDHAARDANINGEGUR | |

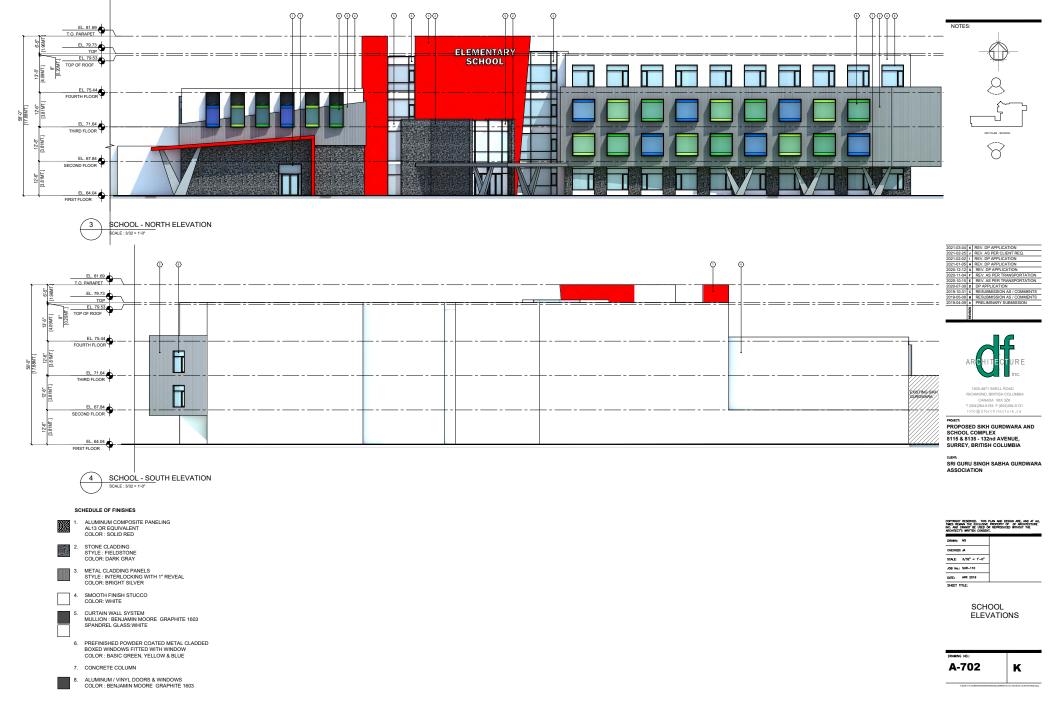
NOTES:

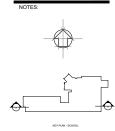


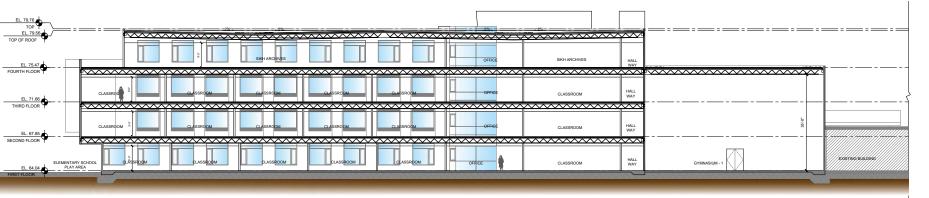
C

1205-4871 SHELL ROAD

T (604)284-5194 F (604)284-5131 info@dfarchitecture.ca







1 SIKH GURDWARA (SCHOOL) - SECTIONS A SCALE : 3/32 = 1/.0*





1205-4871 SHELL ROAD RICHMOND, BRITISH COLUMBIA CANADA V6X 326 T (604)284-5194 F (604)284-5131 info@dfarchitecture.ca

PROPOSED SIKH GURDWARA AND SCHOOL COMPLEX 8115 & 8135 - 132nd AVENUE, SURREY, BRITISH COLUMBIA

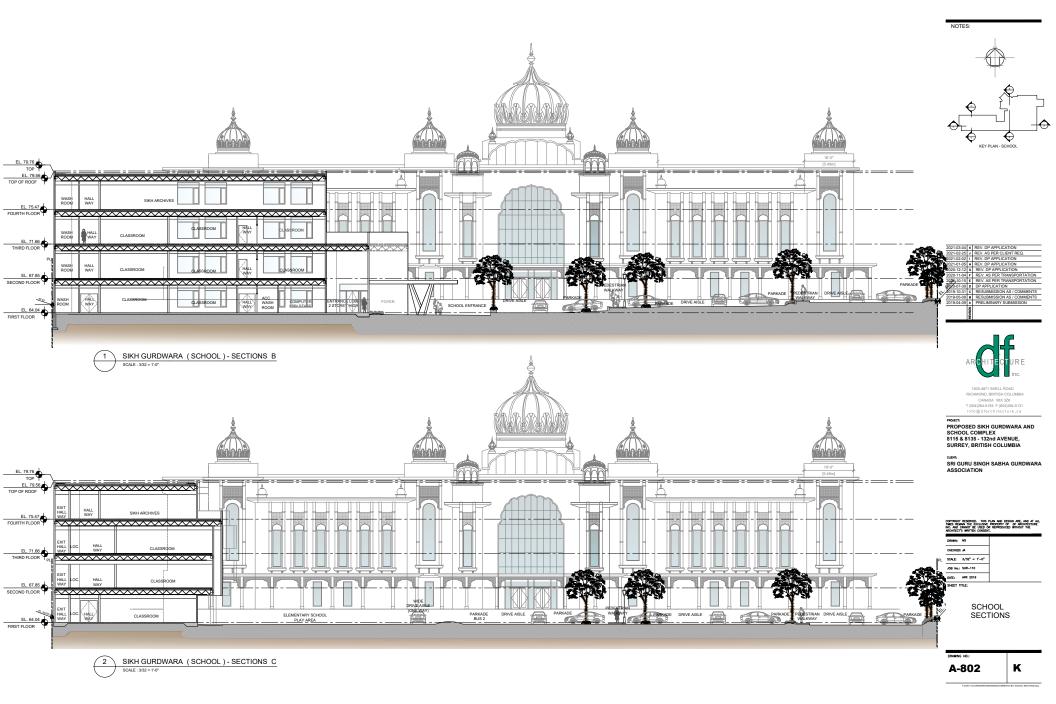
CLEMT: SRI GURU SINGH SABHA GURDWARA ASSOCIATION

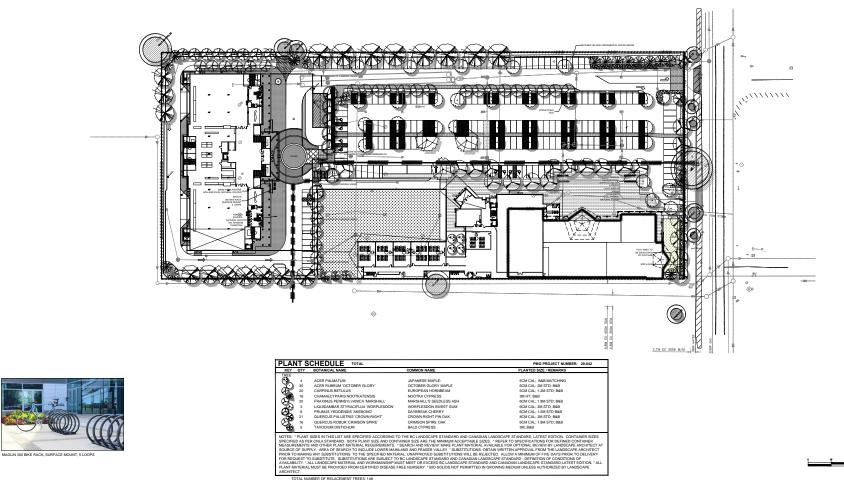
| DRAWN: ZAB | |
|----------------------|---|
| CHECKED: JA | |
| SCALE: 3/32" = 1'-0" | |
| JOB No.: SUR-110 | 1 |
| DATE: APR 2019 | |
| SHEET TITLE: | |

SCHOOL SECTIONS

DRAWING IND.: A-801 K

COL BECTONE day







8115 AND 8135 - 132ND STREET SURREY

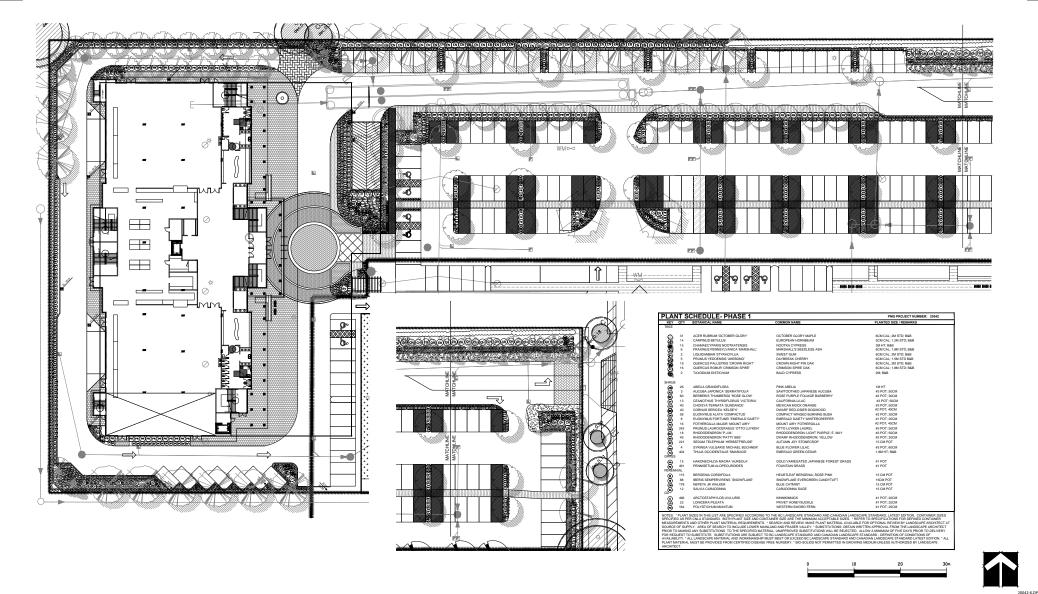
LANDSCAPE **PLAN**



OF 5 20-042

20042-8.ZIP

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8115 AND 8135 - 132ND STREET SURREY

SHRUB PLAN PHASE1

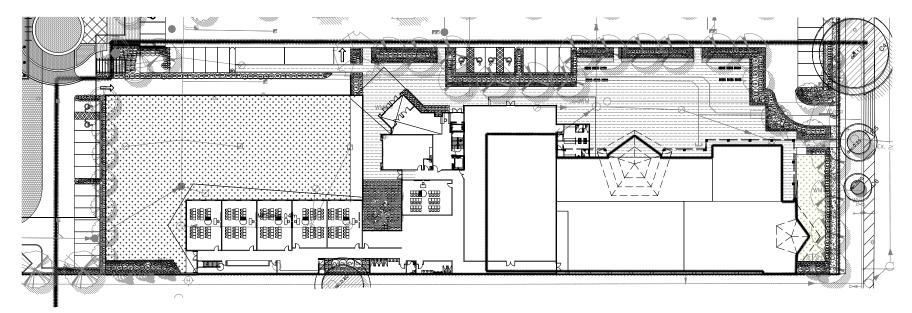


OF 5

20-042

REVISION DESCRIPTION DR. PMG PROJECT NUMBER:

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| PLANT SCHEDULE | | | | PMG PROJECT NUMBER: 20042 | |
|----------------|-----|-----------------------------------|---------------------------------------|---------------------------|--|
| | QTY | BOTANICAL NAME | COMMON NAME | PLANTED SIZE / REMARKS | |
| EE | | | | | |
| 0 | 4 | ACER PALMATUM | JAPANESE MAPLE- | 5CM CAL; B&B MATCHING | |
| <u>ا</u> | 4 | ACER RUBRUM 'OCTOBER GLORY' | OCTOBER GLORY MAPLE | 6CM CAL; 2M STD; B&B | |
| | 6 | CARPINUS BETULUS | EUROPEAN HORNBEAM | 5CM CAL; 1.2M STD; B&B | |
| ۰. | 2 | CHAMAECYPARIS NOOTKATENSIS | NOOTKA CYPRESS | 3M HT; B&B | |
| Ø | 14 | FRAXINUS PENNSYLVANICA 'MARSHALL' | MARSHALL'S SEEDLESS ASH | 6CM CAL; 1.8M STD; B&B | |
| Ж. | 1 | LIQUIDAMBAR STYRACIFLUA | SWEET GUM | 6CM CAL; 2M STD; B&B | |
| Ж. | 3 | PRUNUS YEDOENSIS 'AKEBONO' | DAYBREAK CHERRY | 6CM CAL; 1.5M STD B&B | |
| ж. | 2 | QUERCUS PALUSTRIS 'CROWN RIGHT' | CROWN RIGHT PIN OAK | 8CM CAL; 2M STD; B&B | |
| A33338 | 3 | TAXODIUM DISTICHUM | BALD CYPRESS | 2M; B&B | |
| ROB | 37 | ABELIA GRANDIFLORA | PINK ABELIA | 1M HT | |
| ۳. | 7 | ALICUBA JAPONICA 'SERRATIFOLIA' | SAWTOOTHED JAPANESE ALICURA | #3 POT: 50CM | |
| 8 | 4 | CEANOTHUS THYRSIFLORUS 'VICTORIA' | CALIFORNIA LILAC | #3 POT: 50CM | |
| z. | 36 | CHOISYA TERNATA 'SUNDANCE' | MEXICAN MOCK ORANGE | #3 POT: 50CM | |
| <u>۳</u> | 14 | FOTHERGILLA MAJOR 'MOUNT AIRY' | MOUNT AIRY FOTHERGILLA | #2 POTAICM | |
| <u>@</u> | 230 | PRUNUS LAUROCERASUS 'OTTO LUYKEN' | OTTO LUYKEN LAUREL | #3 POT: 50CM | |
| 8 | 14 | RHODODENDRON 'P. I.M.' | RHODODENDRON: LIGHT PURPLE: E. MAY | #3 POT: 50CM | |
| 8 | 1 | RHODODENDRON 'PATTY BEE' | DWARE RHODODENDRON: YELLOW | #2 POT: 20CM | |
| Ξ. | 77 | SPIRAFA JAPONICA 'GOLDMOLIND' | DWARE GOLDMOLIND SPIREA | #1 POT 25CM | |
| 8 | 49 | THUA OCCIDENTALIS (SMARAGD) | EMERALD GREEN CEDAR | 1.8M HT: B&B | |
| | | | | | |
| (9) | 220 | HAKONECHLOA MACRA 'AUREOLA' | GOLD VARIEGATED JAPANESE FOREST GRASS | #1 POT | |
| | 147 | PENNISETUM ALOPECUROIDES | FOUNTAIN GRASS | #1 POT | |
| | 321 | BERGENIA CORDIFOLIA | HEARTLEAF BERGENIA: ROSE PINK | 15 CM POT | |
| 8 | 81 | IBERIS SEMPERVIRENS 'SNOWFLAKE' | SNOWFLAKE EVERGREEN CANDYTUFT | 15CM POT | |
| 8 | 13 | NEPETA JR WALKER | BLUE CATMINT | 15 CM POT | |
| c- | 88 | ARCTOSTAPHYLOS UVALIRSI | KINNIKINNICK | #1 POT: 20CM | |
| 8 | | POLYSTICHUM MUNITUM | WESTERN SWORD FERN | #1 POT: 25CM | |







8115 AND 8135 - 132ND STREET SURREY

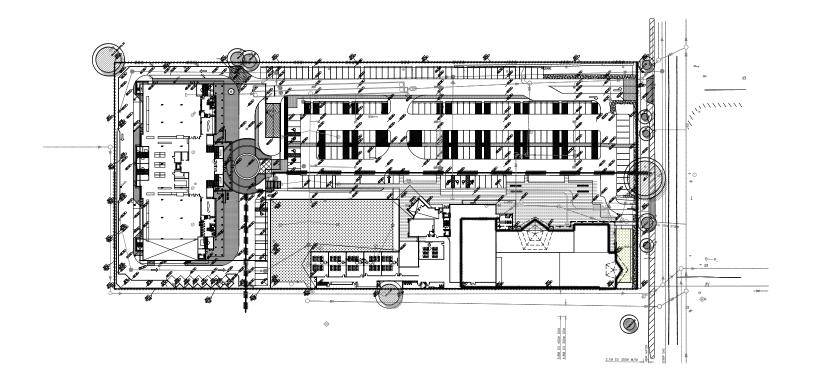
SHRUB PLAN PHASE2



20-042

OF 5

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8115 AND 8135 – 132ND STREET SURREY GRADING PLAN

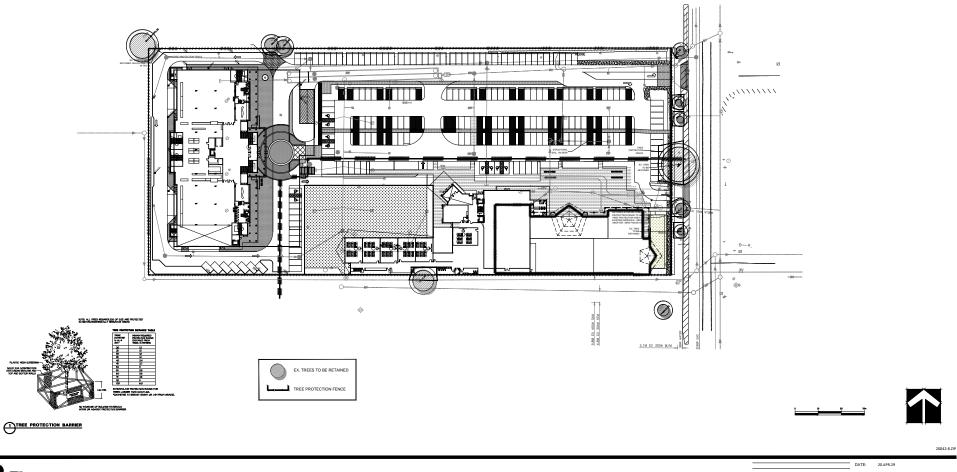
| _ | | | | DATE: | 20.APR.29 |
|----|-----------|------------------------------|-------|----------|--------------|
| _ | | | | SCALE: | 1:500 |
| _ | | | | DRAWN: | MM |
| _ | | | | DESIGN: | MM |
| _ | | | | CHKD: | PC |
| 6 | 21.768.10 | NEW SITE PLAN/ CITY COMMENTS | JR/pc | | |
| 5 | 21.JAN.11 | CIVIL COORDINATION | 政 | DRAWING | NUMBER |
| 4 | 21.JAN.08 | NEW SITE PLAN | 政 | | |
| 3 | 21.JAN.06 | NEW SITE PLAN | JR/pc | | 1 / |
| 2 | 20.DEC.18 | ARBORIST REPORT COORDINATION | JR/pc | | 14 |
| 1 | 20.DEC.14 | NEW SITE PLAN | JR/pc | | _ / |
| NO | DATE | REVISION DESCRIPTION | DR. | PMG PRO. | JECT NUMBER: |

20042-8.ZIP

OF 5 20-042

» a

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8115 AND 8135 – 132ND STREET SURREY EX.TREE MANAGEMENT PLAN

 DATE
 20.478-39

 SCALE
 1.500

 DRAWN:
 MM

 DBGWN:
 DB

 DBGWN:
 DBGWN:

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INTER-OFFICE MEMO

| TO: | Manager, Area Planning & Development - South Surrey Division Planning and Development Department | | | |
|-------|--|----------------------|--------------|--|
| FROM: | Development Engineer, Engineering Department | | | |
| DATE: | May 05, 2021 | PROJECT FILE: | 7819-0149-00 | |
| RE: | Engineering Requireme | ents (Institutional) | | |

RE: Engineering Requirements (Institutional) Location: 8115 & 8135 132 Street

REZONE

Property and Right-of-Way Requirements

- Dedicate approximately 1.5 m along 132 Street; and
- Register 0.5 m statutory righ-of-way (SRW) along 132 Street frontage.

Works and Services

- Fund & construct signalized access at 132 Street and 81A Avenue to accommodate the increased traffic generated by the development;
- Ensure minimum of 12.0 m queuing distance;
- Abandon all sanitary, storm and water service connection no longer required or are greater than 30 years old and provide new adequately sized service connections to service the development;
- Provide on-lot storm water mitigation features to address the increase in impervious area;
- Applicant to review the existing restrictive covenants for the storm water detention, flow control and water quality/sediment control and update, as required, to meet existing standards;
- Provide a 2.0 m SRW along the south and west property line for the 450 mm AC Sanitary main, or extend any foundation wall proposed at the property line to meet full depth of the existing sanitary main;
- Applicant to submit a pre & post construction video inspection of the 450 mm AC Sanitary main to ensure its adequacy after construction;
- Applicant to register restrictive covenant for right-out only; and
- Applicant to discharge the existing on-site easement (E041-0044).

A Servicing Agreement is required prior to Rezone. A processing fee of \$7,785.75 is required.

DEVELOPMENT PERMIT

There are no engineering requirements relative to issuance of the Development Permit.

Jeffy lang

Jeff Pang, P.Eng. Development Engineer SC

Tree Preservation Summary

Surrey Project No: 19-0149-00 Address: 8115 / 8135 - 132 Street Registered Arborist: Peter Mennel #PN-5611-A

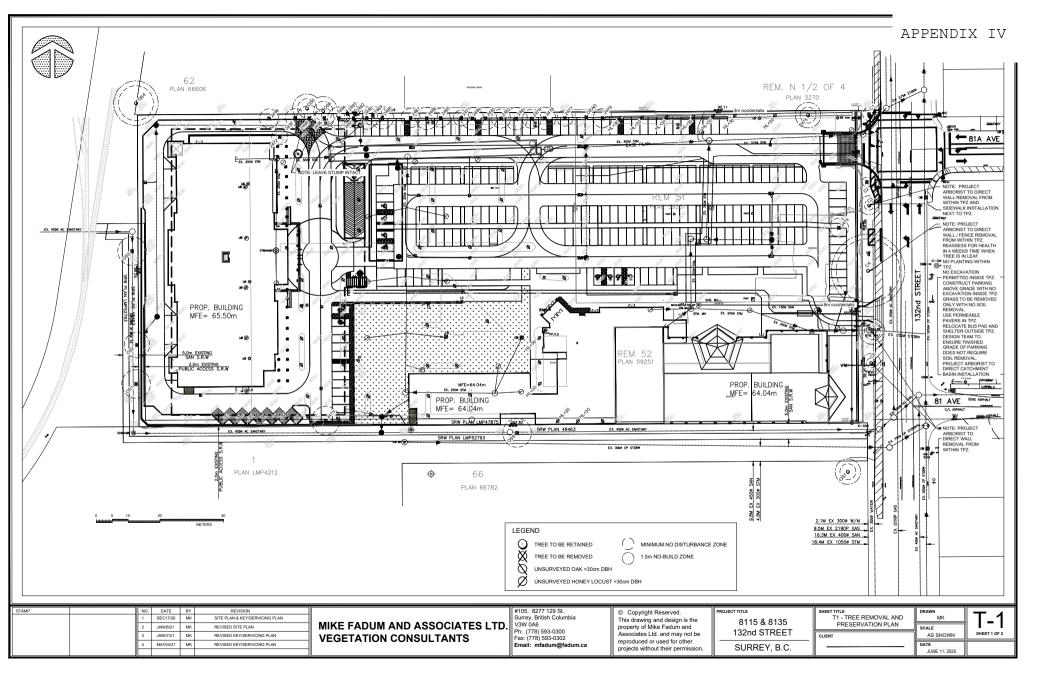
| On-Site Trees | Number of Trees |
|---|-----------------|
| Protected Trees Identified | |
| (on-site and shared trees, including trees within boulevards and proposed streets | 93 |
| and lanes, but excluding trees in proposed open space or riparian areas) | |
| Protected Trees to be Removed | 88 |
| Protected Trees to be Retained | r. |
| (excluding trees within proposed open space or riparian areas) | 5 |
| Total Replacement Trees Required: Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio 1 X one (1) = 1 All other Trees Requiring 2 to 1 Replacement Ratio 87 X two (2) = 174 | 175 |
| Replacement Trees Proposed | 148 |
| Replacement Trees in Deficit | 27 |
| Protected Trees to be Retained in Proposed [Open Space / Riparian Areas] | NA |

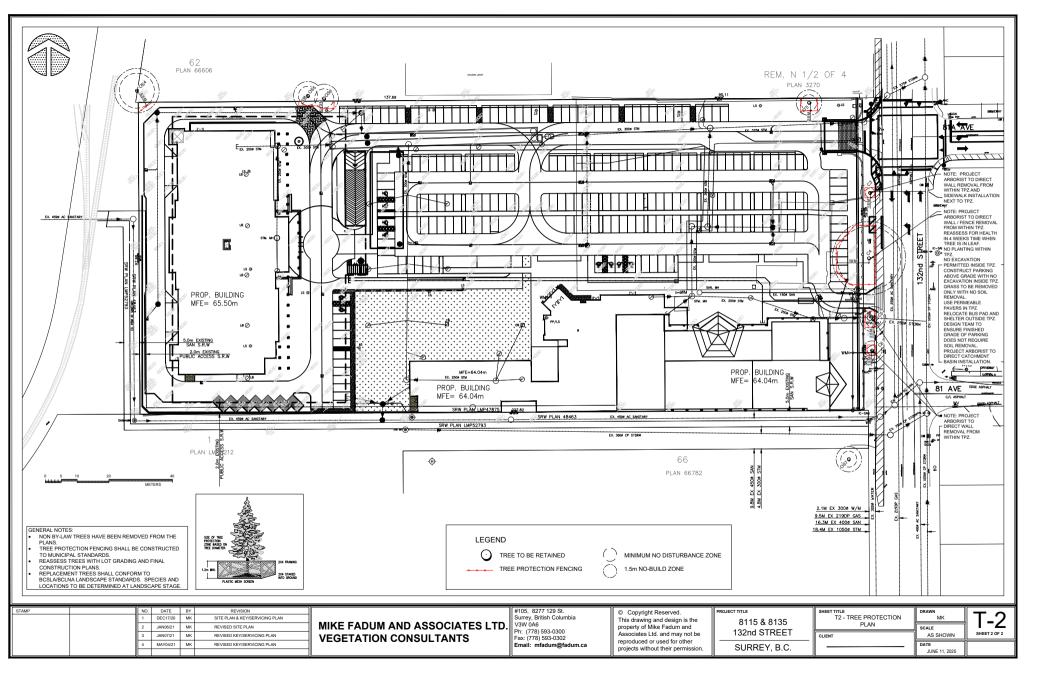
| Off-Site Trees | Number of Trees |
|--|-----------------|
| Protected Off-Site Trees to be Removed | 4 |
| Total Replacement Trees Required: | |
| Alder & Cottonwood Trees Requiring 1 to 1 Replacement Ratio 4 X one (1) = 4 | 4 |
| All other Trees Requiring 2 to 1 Replacement Ratio 0 X two (2) = 0 | |
| Replacement Trees Proposed | N/A |
| Replacement Trees in Deficit | N/A |

| Summary report and plan prepared and submitted by: Mike Fadum and Associates Ltd. | | | | |
|---|-------------------|--|--|--|
| Signature of Arborist: | Date: May 4, 2021 | | | |









APPENDIX IV

