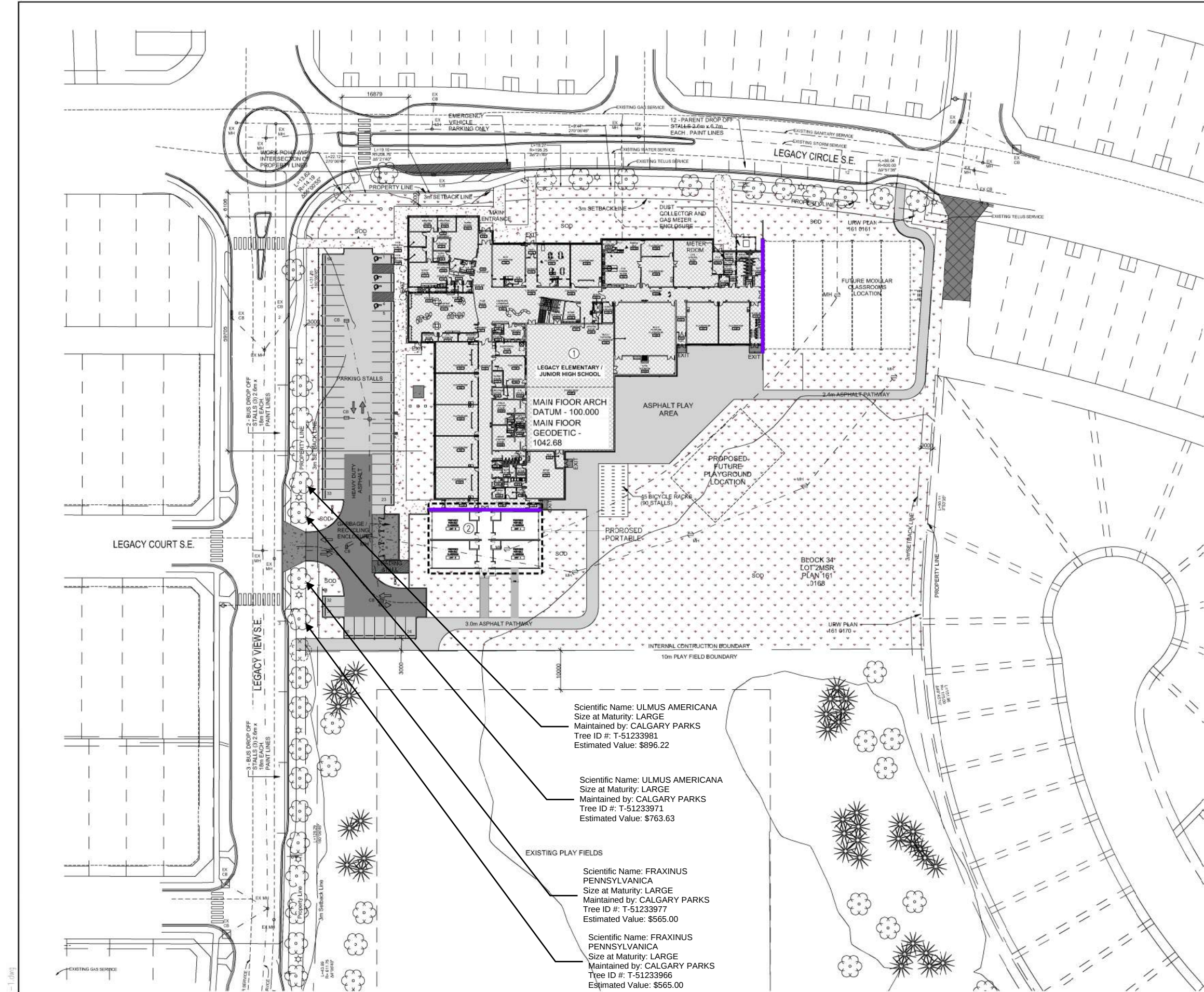




MUNICIPAL ADDRESS : 154 LEGACY VIEW S.E. CALGARY, ALBERTA

LEGAL ADDRESS: PLAN 161 0168, BLOCK 34, LOT 2MSR

BUILDING CODE STUDY

THE CONSTRUCTION PROCEDURES OUTLINED IN THIS DOCUMENT SHALL BE CARRIED OUT IN ACCORDANCE WITH THE NBC - 2023 ALBERTA EDITION AND ITS SUPPLEMENTS.

BYLAW CLASSIFICATION: S-SPR SPECIAL PURPOSE
BUILDING CATEGORIES PER TABLE 4.1.2.1: HIGH

PROJECT DESCRIPTION:

THIS CODE ANALYSIS DESCRIBES THE ADDITION OF NEW PORTABLE CLASSROOM. NBC 2023 - AB EDITION PAR'S 3, 4, 5, AND 6 OF DIVISION B WILL APPLY TO THE FACILITY (DIVISION A 1.3.3.2)

PORTABLE CLASSROOM BUILDING SIZE AND CONSTRUCTION RELATIVE TO OCCUPANCY:

- 3.2.2.25 GROUP A, DIVISION 2, UP TO 2 STOREYS**
BUILDING HEIGHT: UP TO 2 STOREYS
BUILDING AREA: SEE TABLE BELOW
CONSTRUCTION: COMBUSTIBLE
FLOOR ASSEMBLIES AND MEZZANINES: 45 MIN.
ROOF ASSEMBLIES: 45 MIN.
LOAD BEARING WALLS AND COLUMNS: 45 MIN.

MAJOR OCCUPANCY SEPARATIONS:

NOT APPLICABLE

AUTOMATIC FIRE SUPPRESSION SYSTEM:

BUILDING #1: SPRINKLERED
BUILDING #2: NO SPRINKLERED

SPATIAL SEPARATION AND EXPOSURE PROTECTION:

ALL BUILDING EXPOSED BUILDING FACES ARE GREATER THAN 9 METERS AWAY FROM ADJACENT CENTERLINES OF ROADWAYS AND PROPERTY LINES. ALL FIRE COMPARTMENTS WILL NOT REQUIRE A FIRE RESISTANCE RATING & CLADDING CAN BE COMBUSTIBLE OR NON-COMBUSTIBLE.

TWO HOUR FIRE WALLS SHOWN THUS AS PER ABC 3.2.2.25

- BUILDING NO. 1 FACING TWO STREETS
ALLOWABLE AREA = 2000 m²
CORE AREA = 5,987 m²
- BUILDING NO. 3 FACING ONE STREET
ALLOWABLE AREA = 1600 m²
PORTABLE AREA(4) = 400.7 m²

PLUMBING FIXTURE COUNTS AS PER ALBERTA BUILDING CODE 3.7.2.2.A

PROJECTED STUDENT TOTAL = 885
K-6 = 620 STUDENTS
7-9 = 265 STUDENTS
MALE ELEMENTARY GRADES FIXTURES REQUIRED = 11 WATER CLOSETS

FEMALE ELEMENTARY GRADES
FIXTURES REQUIRED = 13 WATER CLOSETS

MALE JUNIOR HIGH
FIXTURES REQUIRED = 3 WATER CLOSETS

FEMALE JUNIOR HIGH
FIXTURES REQUIRED = 6 WATER CLOSETS

TOTAL MALE FIXTURES
PROVIDED = 15 WATER CLOSETS

TOTAL FEMALE FIXTURES
PROVIDED = 19 WATER CLOSETS

Scientific Name: ULMUS AMERICANA
Size at Maturity: LARGE
Maintained by: CALGARY PARKS
Tree ID #: T-51233981
Estimated Value: \$896.22

Scientific Name: ULMUS AMERICANA
Size at Maturity: LARGE
Maintained by: CALGARY PARKS
Tree ID #: T-51233971
Estimated Value: \$763.63

Scientific Name: FRAXINUS PENNSYLVANICA
Size at Maturity: LARGE
Maintained by: CALGARY PARKS
Tree ID #: T-51233977
Estimated Value: \$565.00

Scientific Name: FRAXINUS PENNSYLVANICA
Size at Maturity: LARGE
Maintained by: CALGARY PARKS
Tree ID #: T-51233966
Estimated Value: \$565.00

CADD FILE: A1-1.dwg

NO.	REVISION DESCRIPTION	DATE	INITIALS	NO.	REVISION DESCRIPTION	DATE	INITIALS	DRAWN BY	DR	SCHOOL & ADDRESS	TITLE	DRAWING NO.
										CALGARY ROMAN CATHOLIC SEPARATE SCHOOL DISTRICT NO. 1	LEGACY ELEMENTARY / JUNIOR HIGH SCHOOL	
										CONSTRUCTION & MAINTENANCE 1000 - 5th AVE. S.W., CALGARY, ALBERTA	154 LEGACY VIEW S.E. CALGARY, ALBERTA	
											OVERALL SITE PLAN	A1.1