



# SAINT AUGUSTINES CATHOLIC PRIMARY SCHOOL YARRAVILLE

MASTER PLAN - DRAFT I 2020

PREPARED FOR: MR MATHEW STEAD, SCHOOL PRINCIPAL PREPARED BY: ARCHITECTURE MATTERS
PROJECT: 2018
DATE: 21/12/2020



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#### I. PROJECT BRIEF

#### SCHOOL VISION

The school's vision for the educational program is informed by best practice of today's education settings and the need to prepare students for a world that is constantly changing. The educational challenge for the future centres on preparing students to be autonomous, self-directed learners by fostering the development of strategies for problem solving, creative thinking and the recognition of learning as a lifelong pursuit.

The growth in faith development for each member of the school community is also a priority. The school is a place where every person is valued in light of the teachings of Jesus. It is also a place where the educational vision of the staff can be brought to life through mentoring, planning, reflection on practice and through the stimulation of creativity.

At St. Augustine's the school believes in a personalised approach to learning whereby the individual needs of each student are catered for.

With this in mind, the educational program focuses on Provision for the school and its community to discuss research and reach a consensus on:-

Collaboration and cooperation between learners

• Solution - Glass panels/walls

Contextualised learning which fosters links with real life 

Curriculum based activities

- Learning to learn
  - Solution Curriculum based

Transformative learning creating new knowledge

Solution - Curriculum based

Awareness and encouragement of multiple intelligences

• Solution - Curriculum based

Awareness of individual strengths and areas of need leading to the development of personalised learning programs

Solution - Curriculum based

Digital technologies

Solution - Access to enhanced and appropriate technologies communication

#### Computers

• The school uses chrome books as the main IT medium for children to communicate their learnings.-No. required

Flexible teaching and learning strategies - Instruction involving the use of whiteboard, TV screens, NETW, Overhead camera capture

Small/whole group learning situations

Solution – Furniture selection

#### **BRIEF**

#### PLANNING AND REFURBISHMENT

Masterplan and staged refurbishment

An overall master plan is to be redeveloped for the site showing the overall vision for the facilities of the school. The masterplan shall indicate the staging of development. The development of the school will depend significantly on the result of applications for capital assistance from Capital Grant Programmes or Supplementary Capital Fund. Currently the school is in the position to undertake Stage 1 of approximately \$2,000,000 with assistance from a grant.

Facilities are currently over the Commonwealth Area Guidelines.

A general allocation of 6.13 sq meters per student applies in determining the nett area a school is nominally entitled to.

As the school exceeds this student to area ratio, new building works expanding the floor area will not be undertaken.

Max class size permitted 26 in years prep to 2, 30 in years 3-6. The school operates a 1 stream in Prep and multi-age in years 3-6

#### **FACILITY PLANNING**

The schools intention is to renovate and refurbish existing teaching areas. It is envisaged that the current administration building will be renovated giving a more functional layout.

Extensive renovation and refurbishment will be conducted on the Western Campus, existing administration and double story buildings as a first stage

Refurbishment works and construction of a new STEM centre are to be considered in the Eastern campus.

All works will need to preserve the historical significance of the site. The design plan must be such that it is staged in line with the school's budget and financial position.

#### Administration

Administration areas must cater for a welcoming first image of the school community

Secure access into the foyer should be welcoming, convey the image of a place of education according to the values upheld by the school

Workplace safety issues should be reviewed as part of the planning

#### **Staff facilities**

Staff amenities and meeting areas to be upgraded

#### Classrooms

The classrooms must be considered with a strong emphasis on flexibility in the way in which the learning spaces can be used. There must be provision for teacher's to be able to work together and for students to be able to work in groups and be able to be self-directed in their learning. Facilities must be provided for the storage of teaching resources that are easily accessible to classrooms.

The provision of ICT is an important consideration in the design.

#### Considerations:

Students and teachers need to work in flexible areas

Teaching methodologies

- i. John Hattie's personalised learning approach Visible Learning
- ii. Walker teaching method
- iii. Play based learning (Primary)
- iv. Stem based learning (science, technology, engineering art and mathematics)
- v. Infrastructure required to support methodology; furniture, display, technology, wet area, resource, storage
- vi. Provision for Resource centre, cooking, horticulture, Gym activities, school assembly
- vii. Other....

#### Play

Playgrounds require review in line with the proposed increase in student population

#### BUILDING REFURBISHMENT RATIONALE

St Augustine's School has determined after consultation with the Parents, Staff and student representatives that the school is in urgent need of physical improvements to meet the educational and personal needs of their students in keeping with their beliefs about teaching and learning and their understandings about health and safety issues.

The school is old and looks old. The facilities are tired and rundown. They have also considered their responsibility to plan for the future educational needs of students within their community and recognise that current facilities cannot take their community into the future.

The cost of maintenance is growing and need to be examined in the master plan.

Architecture Matters conducted sessions with the Principal, staff, students and parents to test the scope of the brief and explore other areas to be considered in the master planning process.

Considerations and issues arising from these sessions included-

#### External

- An attractive view from street views
- Include an entrance to the school that is attractive, welcoming and functional
- Use of materials blending in with the environment and current buildings
- Security for staff and students
- A garden & environmental setting that can be utilised
- Playground improvements
- Shade
- Connection to the church
- Traffic movement
  - o vehicle
  - o Pedestrian
    - Linking of East and West campuses
    - Accessibility DDA

#### The buildings must include:

- Safe pedestrian access with security in main Offices, lift access in the main classroom wing.
- Areas for special storage e.g., math equipment, literacy resources accessible to classroom
- Playground and internal access to toilets.
- Provision to maintain items of historical significance
- New toilets with internal and external access

#### Classrooms must provide:

- Flexible learning areas
- Cater for small as well as for large groups
- Allow teachers to work together
- Be able to cater for IT technology within the classroom setting

- Good storage space
- White Boards and Interactive screens
- Ample Pin-up Boards
- Space for bags
- Communication between classrooms and an effective PA /emergency notification System
- Wet areas
- Natural Lighting
- Sound proofing and attenuation
- Environmentally friendly planning

## **ADMINISTRATION BUILDING**

The following new/refurbished areas are to be provided within the Administration building

#### Administration Offices

- Principal
- Deputy Principal
- Secretary
- Bursar
- work areas
- First Aid facilities
- storage areas See drawings
- Appropriate Archives room
  - School to investigate digitising files and cull unwanted files. Work to be undertaken over the next 12 months

#### Meeting/Interview rooms

- Interview
- Offices for Curriculum Coordinators shared office
- Meeting/Interview rooms
- Staff work/planning areas
- Staffroom that provides a relaxing environment and a quiet area
  - o Refurbish existing
  - New staff toilets/change room/shower

#### Access after-hours for community use to some areas

- Library,
- LOTE,
- STEM,
- Music,
- Drama

#### Library

- Office, maintain as book-based library, teacher resource area
- ICT facility to be integrated with Library ICT resource, computers
- Provision for teaching resources to be accessible to classrooms
- Main teacher resource area to be based in library. Scope of resources required
- Provision required to maintain items of historical significance
   Noted

Areas for special storage e.g., math equipment, literacy resources accessible to classrooms-Scope required

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#### **BRIEF**

#### **CLASSROOMS**

#### **West Campus**

#### General

Open up classrooms for interconnectivity to enable team teaching, adequate supervision, easy arrangement of space for various teaching styles.

Provision for teaching resources to be accessible to classrooms

Student amenities that have both internal/external access

#### Wet Areas

- One per floor.
- All weather outdoor assembly area
  - Create central gathering area, multipurpose, comfortable and warm, well lit, possible weather sheltered area with transparency
- Rendezvous area near classrooms, notice boards, video display of current activities

#### Security/External lighting

Check for blind and black spots

Drinking fountains and hand washing

- Provide hot water and soap to school entry points
- Water stations for bottle filling

#### **East Campus**

#### **External lighting**

Refurbish classrooms Drinking fountains

#### Music / art

- Practice rooms and instrument storage required. Green screen and recording facilities to be developed
- Possible associated clay area and Kiln

#### Wet Areas

• One per floor, School to advise.

#### Toilet Facilities.

The student facilities are a priority and should be incorporated into the first stage of the refurbishment program. These facilities need to be modern, easy to clean and maintain and inviting. Consideration also needs to be given to redevelopment of one toilet block to provide outside access for boys and girls from the junior yard during lunch and recess.

The student facilities are a priority and should be incorporated into the first stage of the refurbishment program

#### **Technology facilities**

The master plan must give consideration to the school technology master plan to ensure compliance with same. Provision of computer technology is of paramount importance to all learning areas. Consideration must be given to:

- Network cabling/broadcast to all rooms
- Design compatibility with the requirement s of the VPN.
- Infrastructure for the future expansion of network
- Telephone capacity to meet all administration and curriculum needs
- Infrastructure to be capable of running advanced multi-media systems in the learning area
- All computers in the school to be networked
- Technology shall be integrated with curriculum and offer flexibility
- Wireless systems

#### STEM Centre

St. Augustine's currently offers STEM as a specialist subject. Plans were in place to build a purpose designed STEM Centre. These plans had to be cancelled.

The redevelopment of the current classroom to specifically meet the needs of STEM education needs to be a priority. The provision of a STEM centre is required to accommodate the following specialist equipment and teaching areas:

A2 Plotter Selection

3D Printer Selection

• Green Screen

• Electronics equipment Selection

Display areas

• Science equipment Selection

Sink

• Fume cupboard

Oven

Hot plates

Extractor fans

#### Flexibility

It is required that the overall design be flexible and be adaptable if room use changes. It is also a requirement that information technology infrastructure be built into every room.

- TV screens,
- wireless connection,
- pad chargers

#### **Disabled Amenities**

Disabled amenities are to be provided throughout the school, with access and movement prime considerations. Lifts, ramps and all access toilet facilities need to be major component.

DDA report required

## SERVICES

	Utility List									
The following authorities are affected by this enquiry										
Туре	Status									
	104757120	AusNet Gas Services Pty Ltd	1800088208	Notification Sent						
<b>Electricity</b>	104757118	AusNet Transmission Group Pty Ltd	0396956689	Notification Sent						
Water	104757121	City West Water Ltd.	0393138379	Notification Sent						
<b>Electricity</b>	104757117	Jemena Electricity Networks (Vic)	1300825469	Notification Sent						
Council/Shire	104757115	Maribyrnong City Council	0390324025	Notification Sent						
<b>Communications</b>	104757123	NBN Co, VicTas	1800626329	Notification Sent						
<b>Communications</b>	104757119	Telstra VICTAS	1800653935	Notification Sent						
<b>Communications</b>	104757116	Victrack Access	0396198078	Notification Sent						
Gas & Petroleum	104757122	Viva Energy Australia Ltd	1800945223	Notification Chat						

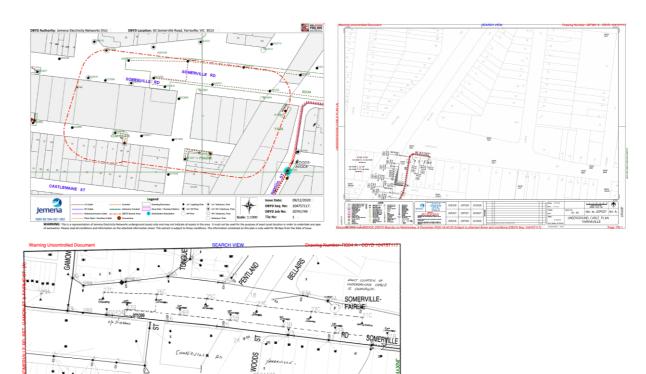
## **HYDRAULICS**

Fire services - Street pressure to be verified

## POWER

East Campus – unknown power location in Birmingham St.

Aus Net have identified a communications cable on the North East corner of the West campus

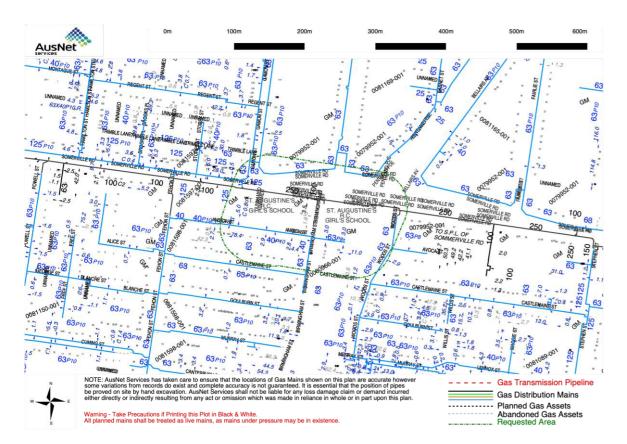


## CIVIL

There are no identified issues with drainage

## GAS

Gas lines have been identified on the North and south sides of the school, both campuses, with various connection points.



## NBN

No Asset locations identified, but have noted that there are asserts in the area

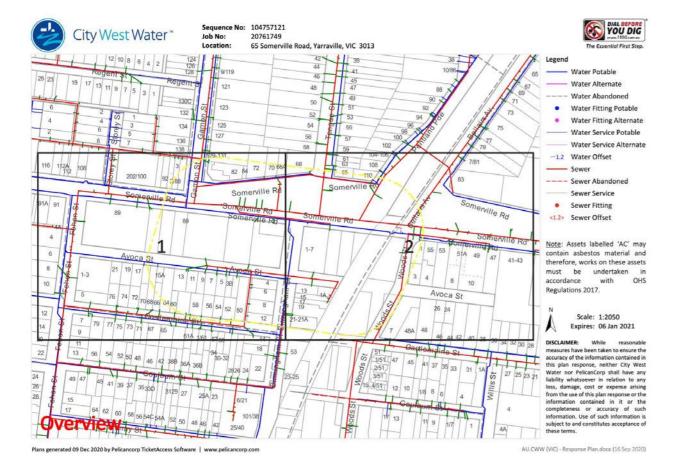


## **TELSTRA**

No Asset locations identified, but have noted that there are asserts in the area

## WATER

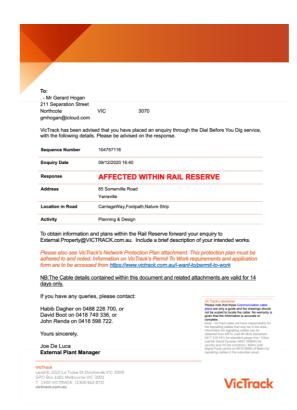
City West Water have identified water-mains as per their DBYD response



## FIRE SERVICE

Mains pressure to be verified, internal property fire services located

## RAIL RESERVE



## TOWN PLANNING

### The school is within the general residential zone





## HERITAGE OVERLAY

Heritage overlay 102 applies to the Eastern campus. There are no heritage controls over the Administration building

PS Map Ref	Heritage Place	External Paint Controls Apply?	Internal Alteration Controls Apply?	Tree Controls Apply?	Outbuildings or fences which are not exempt under Clause 43.01-4	Included on the Victorian Heritage Register under the Heritage Act 1995?	Prohibited uses may be permitted?	Name of Incorporated Plan under Clause 43.01-2	Aboriginal heritage place?
HO101	Raleigh Castle (archaeological site) 5/17 Belvedere Close, and 1-18/18 Belvedere		No	No	No	No	No	Archaeological Management Plan	-
HO102	Close, Maribyrnong  St Augustines Parish Hall and School wing  1-7 Birmingham Street, Yarraville		No	No	No	No	No	-	-

## AREA ANALYSIS

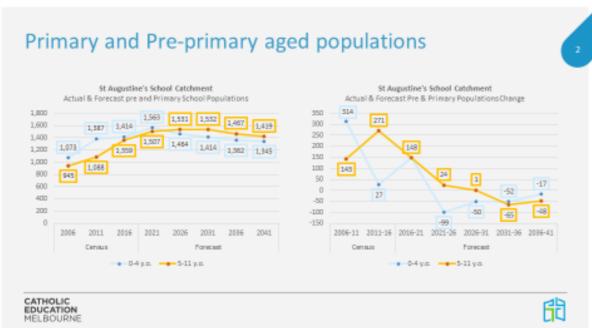
Facilities are currently over the Commonwealth Area Guidelines by approx. 50%

Design capacity required by school		Class sizes Maximum 27			220
	6.13 sq m per child			No of students	453
	No of classrooms	14		No of students	378

West Campus Room	Area	West Campus		East Campus Room	Area	East Campus Room	Area	East Campus Room	Area
Administration		Classrooms –		First floor western Annex		Ground floor		Art & Drama	
Staffroom	69	south block –		OGLA	49	Classroom 9/specialist	64	Art room	122
Interview room one	12	Travel	20	Classroom 5	19	Travel	28	Store	39
Interview room 2	11	Kitchen	8	Classroom 6	70	Toilet	4	Travel	17
Mail toilet		Toilets – girls	13	Classroom 7	69	Toilet – girls	17	Store	1
Travel -Entry		Classroom one	89	Travel – stare	69	Toilet – boys	23	Travel	13
Photo copy room	12	Foyer/Withdraw al room	9	Travel	8	Storeroom - Sports	82	Classroom /specialist	65
Server room	6	Store	14	Classroom 4 – specialist area	113	Classroom 10	65	Classroom /music	69
General office	32	Travel/corridor	76	Store	70	Classroom 11	73	Classroom /STEM	72
Sick bay	9	Store	3	Toilet – girls	19	External grotto	10	Dark room	10
Principals office	20	Office under stair	13	Classroom 8/specialist	28			Travel	60
Toilet – disabled	3	Toilet – girls	22	Toilet	76			Drama	92
Toilet – public female	11	Toilet – boys	28		2				
Library	119	Classroom 3	69						
Office	17	Classroom 2	70						
Office – library	7	TOTALS	432						
		Nett total sq m							
	401		863		592		366		560
Nett Total area	2,782								

West Campus Room	Area	West Campus		East Campus Room	Are a	East Campus Room	Area	East Campus Room	Area
Administration		Classrooms –		First floor western Annex		Ground floor		Art & Drama	
Staffroom	54	south block –		OGLA	49	Classroom 9/specialist	64	Art room	122
Interview room one	11	Travel	20	Classroom 5	19	Travel	28	Store	39
Burser	7	Kitchen	8	Classroom 6	70	Toilet	4	Travel	17
Travel	0	Toilets – girls	13	Classroom 7	69	Toilet – girls	17	Store	1
Mail toilet	20	Classroom one	89	Travel – stare	69	Toilet – boys	23	Travel	13
Travel -Entry	72	Foyer/Withdraw al room	9	Travel	8	Storeroom - Sports	82	Classroom /specialist	65
Photo copy room	14	Store	14	Classroom 4 – specialist area	113	Classroom 10	65	Classroom /music	69
General office	28	Travel/corridor	76	Store	70	Classroom 11	73	Classroom /STEM	72
Sick bay	8	Store	3	Toilet – girls	19	External grotto	10	Dark room	10
Principals office	22	Office under stair	13	Classroom 8/specialist	28			Travel	60
Library	119	Toilet – girls	22	Toilet	76			Drama	92
Staff planning	17	Toilet – boys	28		2				
Office – library	7	Classroom 3	69						
Dep Principal	11.4	Classroom 2	70						
Office	10	TOTALS	432						
		Nett total sq m							
	401		863		592		366		560
Nett Total area	2,782								

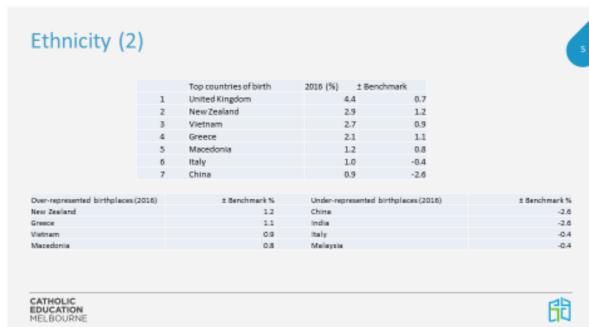
#### Appendix A



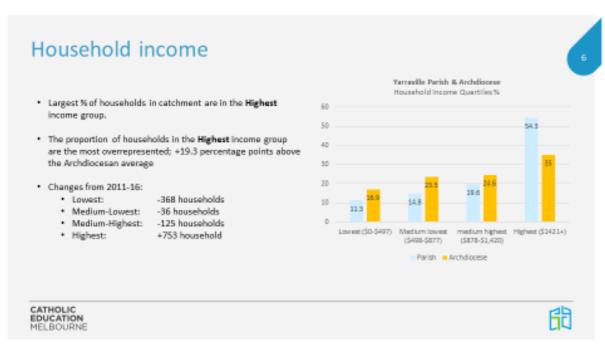


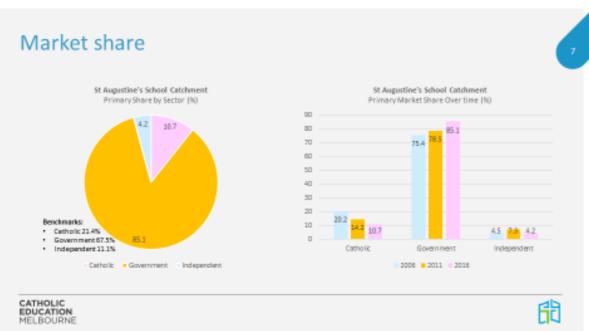
#### Appendix A





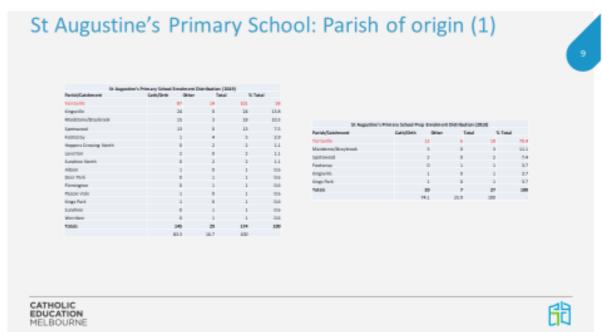
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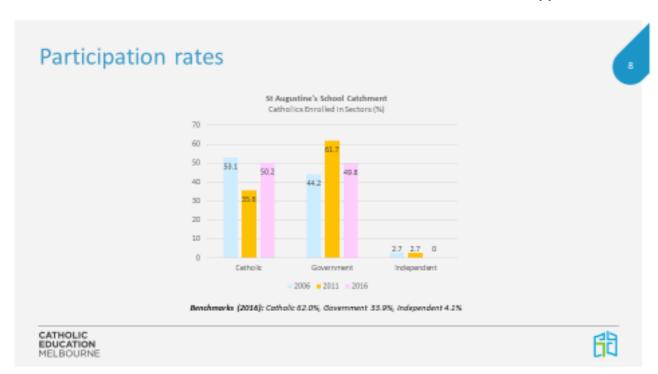


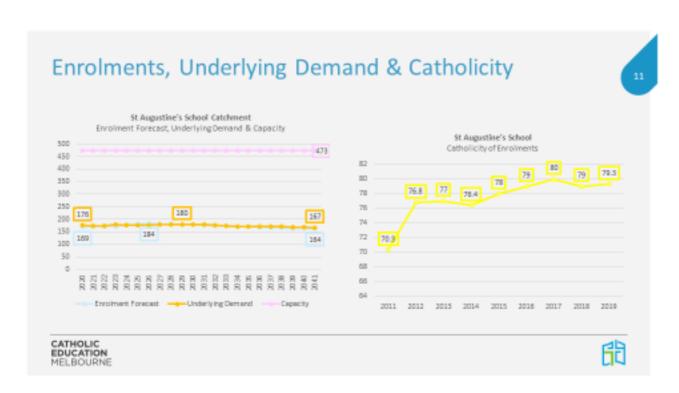
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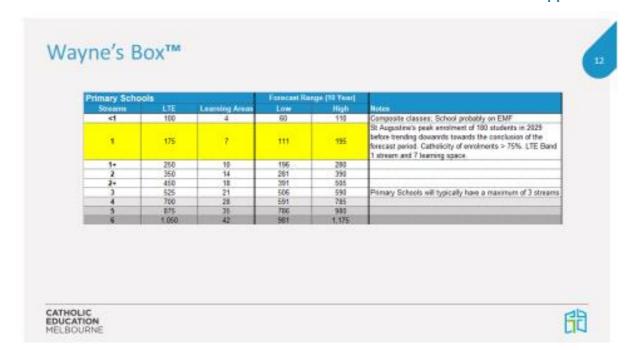


## Appendix A





#### Appendix A



## 2018 - ST AUGUSTINES YARRAVILLE MASTER PLAN

65 SOMERVILLE ROAD, YARRAVILLE, VIC 3013



**LOCATION PLAN** 







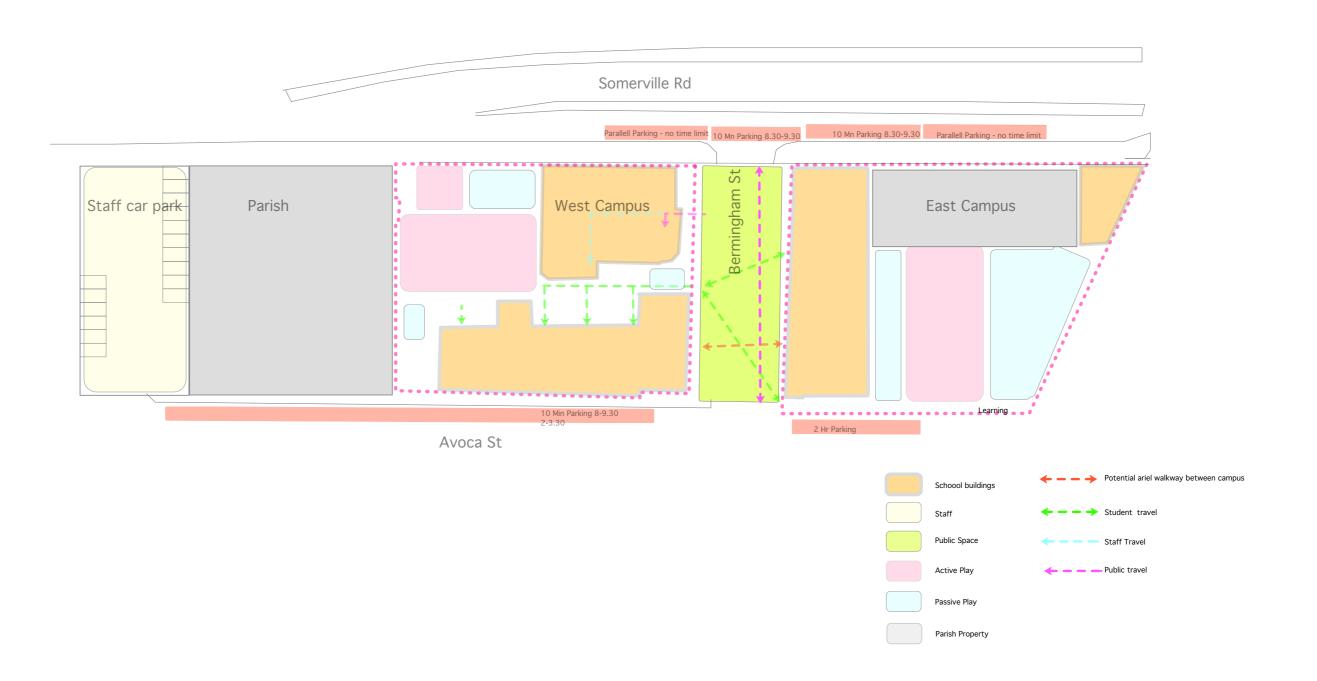


PROJECT
St Augustines Yarravill
Master Plan
65 Somerville Rd,
Yarraville,
VIC 3013

DRAWING
COVER SHEET
Scale: AS SHOWN @ A1
Date: 30-Oct-20

PROJECTNUMBER
2018

SK00





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Master Plan
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PROJECT St Augustines Yarraville Master Plan 65 Somerville Rd, Yarraville , VIC 3013 PROJECT NUMBER

DRAWING
BUILDING 01 (ADMIN) \_GF
PLAN - PROPOSED
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SK02





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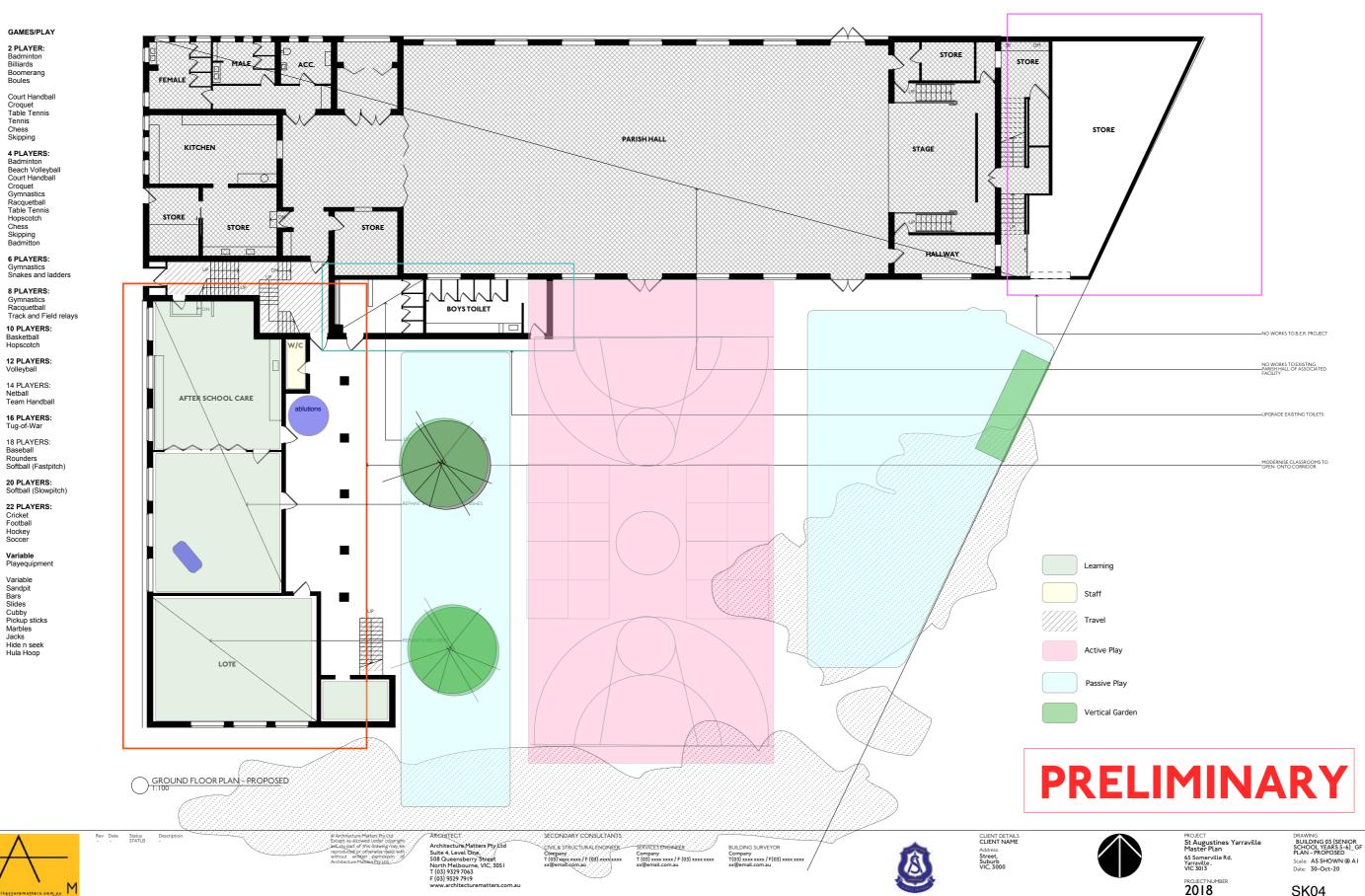




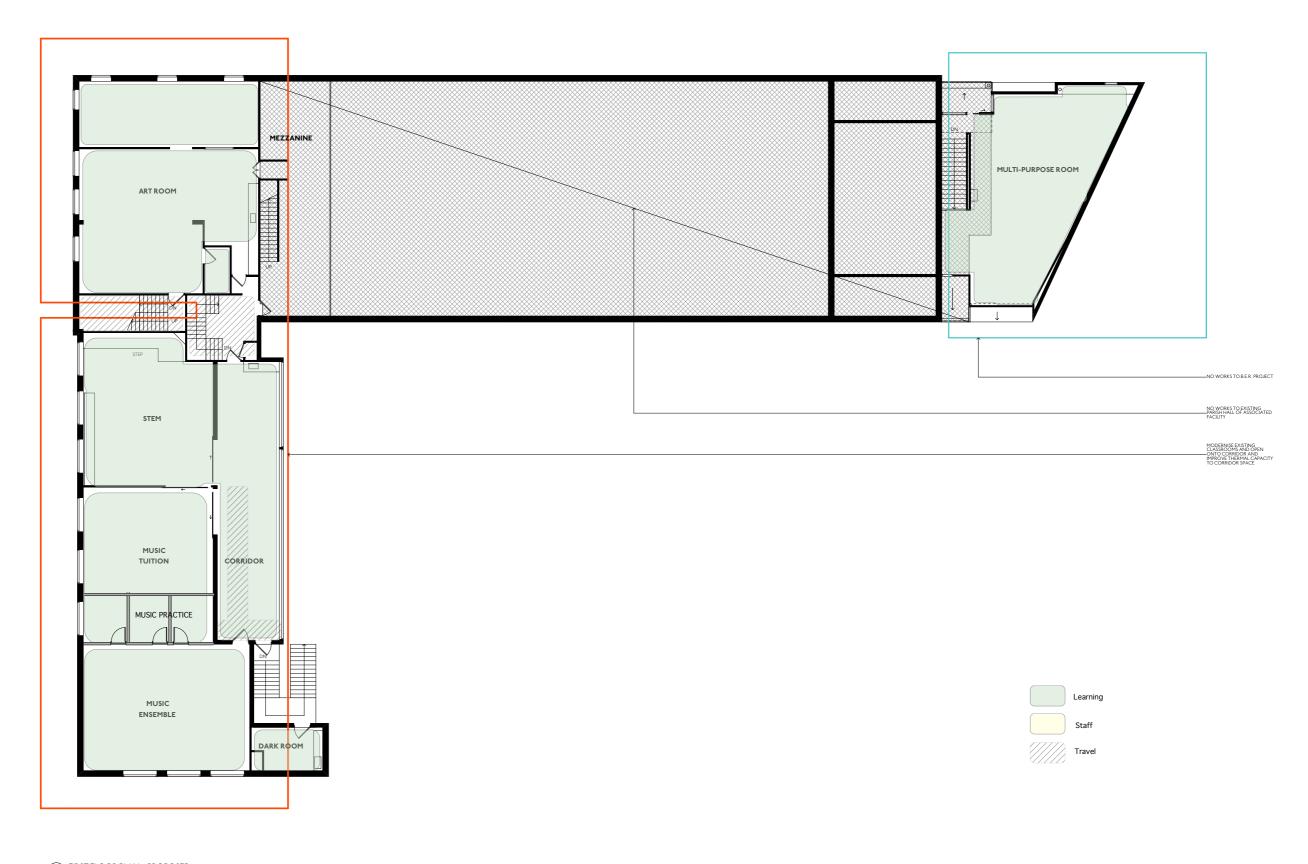
PROJECT
St Augustines Yarraville
Master Plan
65 Somerville Rd,
Yarraville,
VIC 3013

DRAWING
BUILDING 02 (PREP YEAR
4) GF & FF PLANS PROPOSED
Scale: AS SHOWN @ AI
Date: 30-Oct-20

PROJECT NUMBER

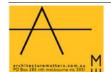


## **ARCHITECTURAL DRAWINGS**



FIRST FLOOR PLAN - PROPOSED

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PROJECT
St Augustines Yarraville
Master Plan
65 Somerville Rd,
Yarraville,
VIC 3013

DRAWING
BUILDING 03 (SENIOR
SCHOOL YEARS 5-6)\_FF
PLAN - PROPOSED
Scale: AS SHOWN @ A I
Date: 25-Nov-20

PROJECTNUMBER 2018

GAMES/PLAY

2 PLAYER: Badminton Billiards Boomerang Boules

Court Handball Croquet Table Tennis Tennis Chess Skipping

4 PLAYERS: Badminton Beach Volleyball Court Handball Croquet Gymnastics Racquetball Table Tennis Hopscotch Chess Skipping Badmitton

6 PLAYERS: Gymnastics Snakes and ladders

8 PLAYERS: Gymnastics Racquetball Track and Field relays

10 PLAYERS: Basketball Hopscotch

12 PLAYERS: Volleyball

14 PLAYERS: Netball Team Handball

16 PLAYERS:

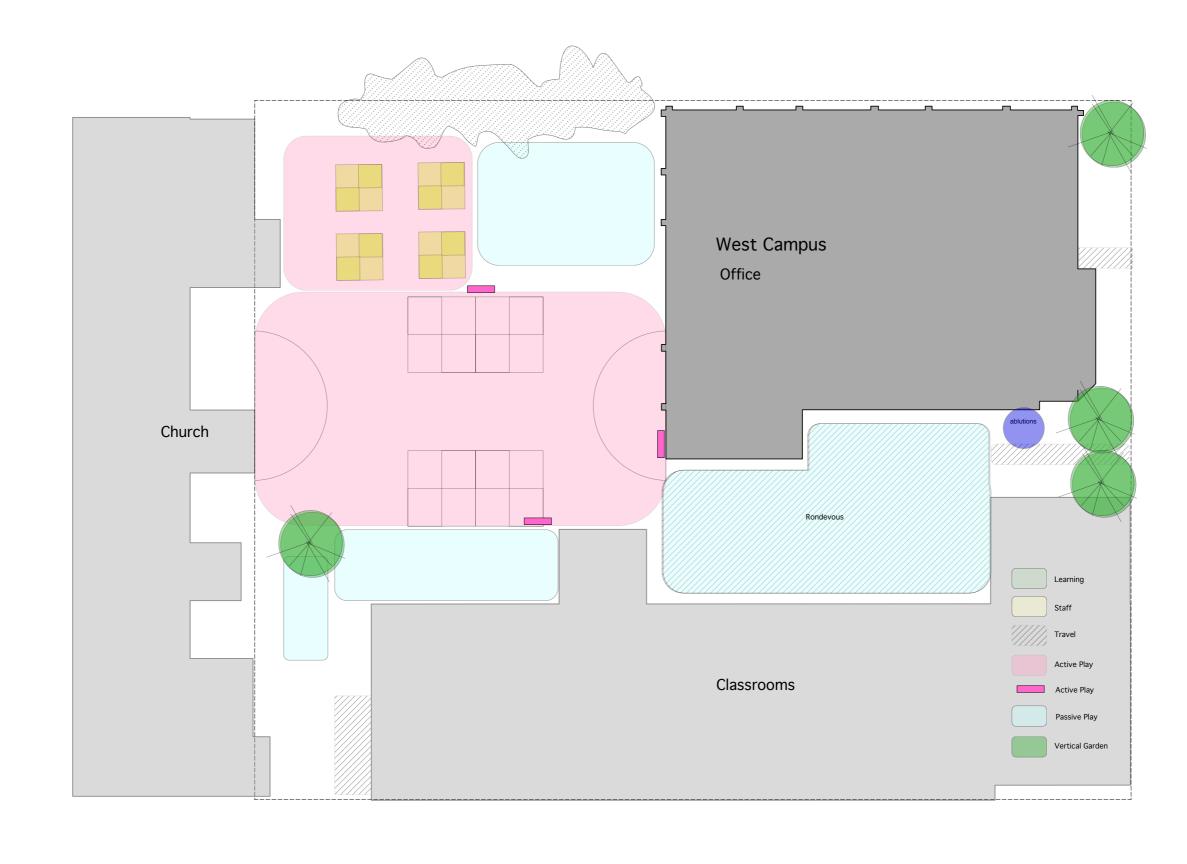
18 PLAYERS: Baseball Rounders Softball (Fastpitch)

20 PLAYERS: Softball (Slowpitch)

22 PLAYERS: Cricket Football Hockey Soccer

Variable Playequipment

Variable Sandpit Bars Slides Cubby Pickup sticks Marbles Jacks Hide n seek Hula Hoop



GROUND FLOOR PLAN - PROPOSED





