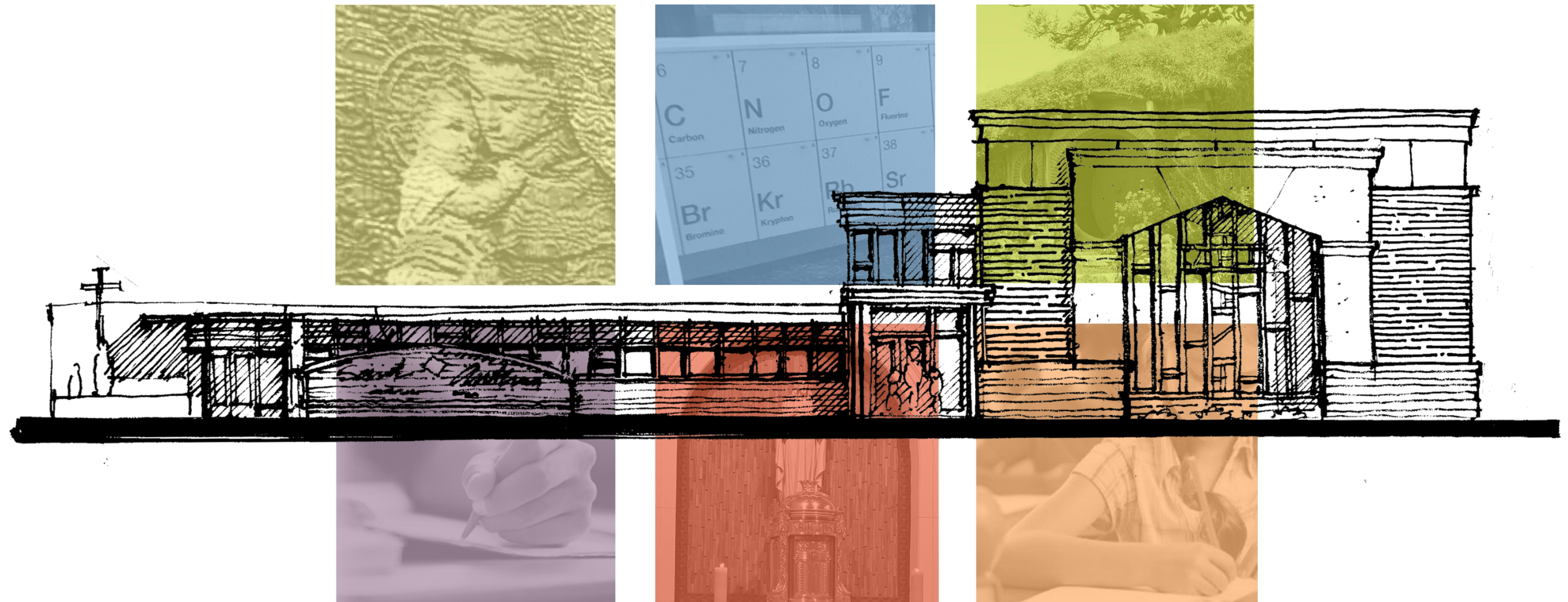


St. Anthony New 21st Century School

Design Development Booklet – April 22, 2016



St. Anthony Catholic School



Chapter 1 – Introduction to Project

| | |
|--------------------------------|-----|
| Team Members | 1.1 |
| Educational Program Objectives | 1.2 |
| Naming Opportunities | 1.3 |

Chapter 2 – Vision and Program

| | |
|---|-----|
| Program | 2.1 |
| High Performance Criteria Used For Energy Efficiency Design | 2.6 |



Chapter 3 – Architectural Drawings

| | |
|---------------------|-----|
| Site Plan | 3.1 |
| Floor Plans | 3.2 |
| Exterior Elevations | 3.3 |
| Exterior Elevations | 3.4 |
| Project Renderings | 3.5 |



Chapter 4 – Project Documents

| | |
|---|------|
| General | 4.1 |
| Site | 4.4 |
| Floor Plans | 4.8 |
| Roof Plan | 4.10 |
| Exterior Elevations | 4.11 |
| Building Sections, Wall Sections, Details | 4.12 |
| Reflected Ceiling Plans | 4.14 |
| FFE Plans | 4.16 |
| Materials/Finishes | 4.18 |
| Interior Elevations | 4.21 |
| Exterior & Interior Perspectives | 4.27 |
| Foundation/Framing Plans | 4.30 |
| Electrical | 4.33 |

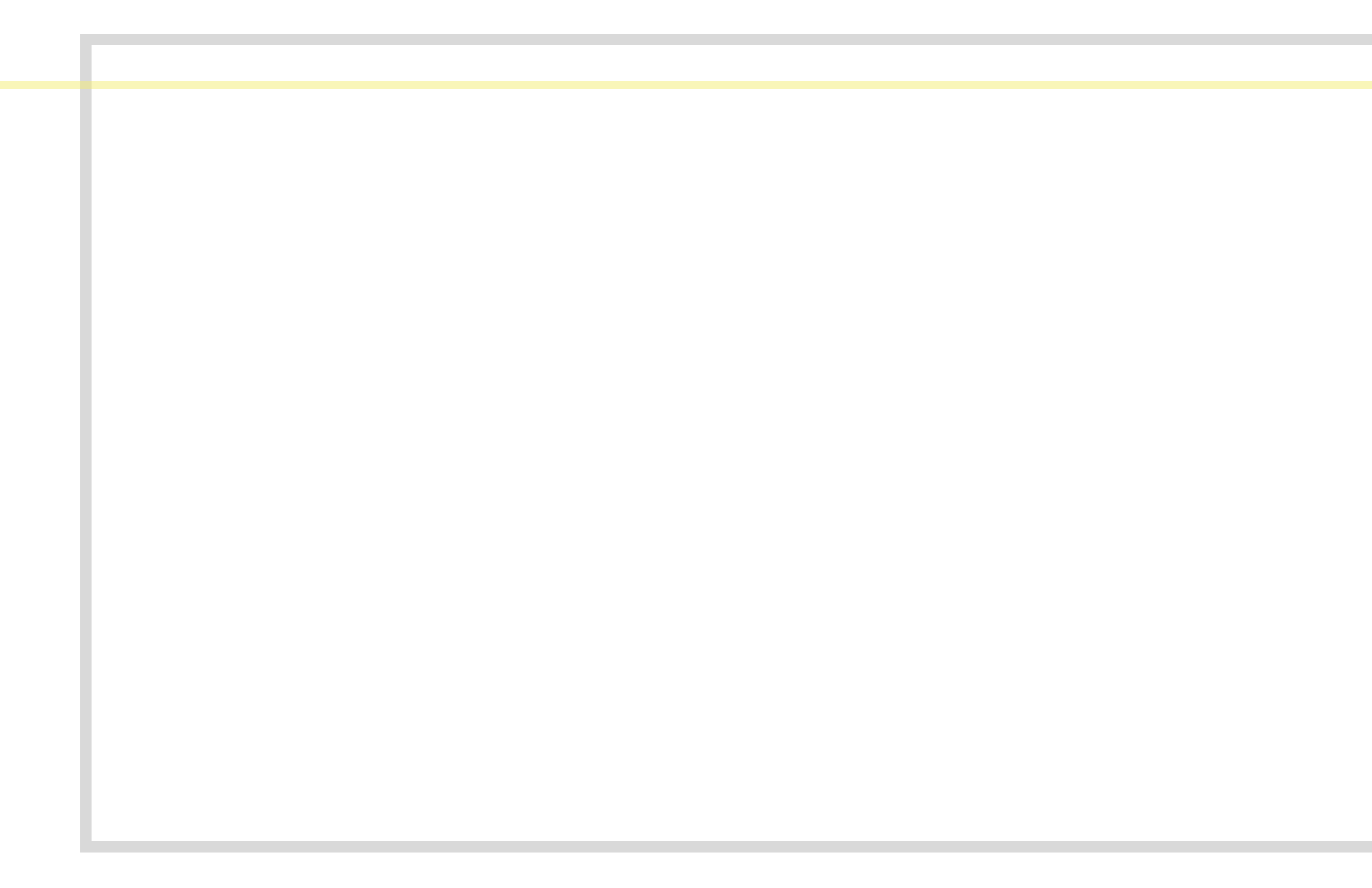


Chapter 5 –Outline Specifications

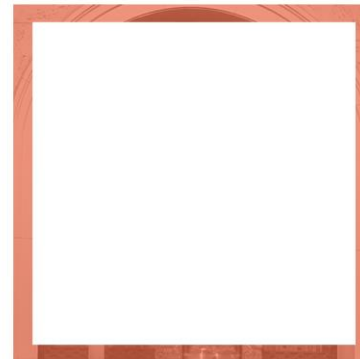
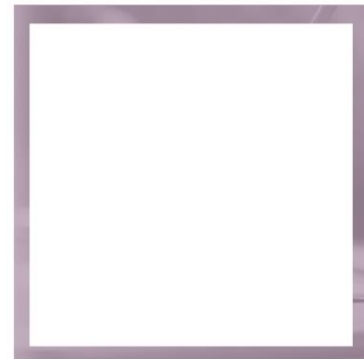
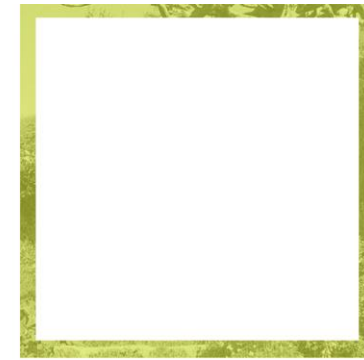
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|------------------------|-----|
| Outline Specifications | 5.1 |
|------------------------|-----|

Chapter 6 – Project Schedule

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|----------------------------|-----|
| Schedule/Site Phasing Plan | 6.1 |
|----------------------------|-----|



Introduction to Project



Introduction to Project | Team Members

St. Anthony New 21st Century School

Core Building Committee:

Administration

The Most Reverend Brendan J. Cahill | Bishop of the Diocese of Victoria in Texas
Michael J. Brown | CFO (The Catholic Diocese of Victoria, TX)
Father Augustine Asante | Pastor (St. Anthony)
John R. O’Leary | Principal (St. Anthony School)

Parish Building Committee

Nathan Fuchs
Bill Hobaugh
Deacon Charlie Novosad
Brandon Orsak
Kevin Schmidt
Ryan Schobel
Rusty Theut
James Weishuhn

Faculty Consultants

| | |
|--|---|
| Tracey Lanham Advancement Coordinator | Natalie Barten Librarian |
| Danette Cantu 6 th - 8 th Social Studies | Amy Heffley Librarian |
| Nicole Schobel 5 th - 8 th Science | Tracy Olivarez Secretary |
| Laura Walla Finance Manager | Kerry Pflughaupt Secretary |
| Donna Culton 1 st Grade | Mary Beth Tromblee 4 th Grade |
| June Schobel Instructional Aid | Sharon Hajovsky 2 nd Grade |
| Mary Ann Braden Instructional Aid | Krystle Warschak 3 rd Grade |
| Shawna Collins 3 rd - 4 th LA/Reading | Delores Mullen 1 st - 8 th Art |
| Vickie Glynn 6 th - 8 th LA/Reading | Tracy Theut 6 th - 8 th Spanish |
| Johanna Spatafora IT & Technology Instruction | M.J. Sturges 5 th Grade |
| Cynthia Sunderman 6 th - 8 th Math, 5 th - 8 th Religion | |
| Sandy O’Leary Campus Cleaning | |

Steier Group

Fundraising Consultant
10844 Old Mil Rd
Omaha, NE 68154

TJ Ernst | Campaign Manager

JMB2 Architecture Cooperative

Architect
16525 Lexington Blvd. Suite 270
Sugar Land, TX 77479
281.980.0900

| | |
|-----------------------------|------------------------------|
| J. Matthew Brown, AIA, REFP | Principal-in-Charge |
| Bill Wadley, AIA | Sr. Designer |
| Kyle Kelley, RA | Designer |
| Frank Kelly, AIA | Programming |
| Tony Stanton | Project Coordinator |
| Matthew Morris, AIA | PA/PM |
| Janienne Brown | Library/Education Specialist |
| Priya Natarajan | Job Captain |

Monghate Engineering, Inc.

Structural Engineer
7324 Southwest Freeway, Suite 815
Houston, TX 77074
713.255.3390

| | |
|-------------------|---------------------|
| Mark Monghate, PE | Structural Engineer |
| Sidney Monghate | Project Coordinator |

EMA Engineering & Consulting

MEP Engineer
3608 West Way
Tyler, TX 75703
903.581.2677

| | |
|---------------------------|-----------------------------|
| Mike Clendenin, PE | President |
| Gary Holt | Project Manager |
| John Reeder | Construction Administration |
| Catherine Hollenshead, PE | LC-Electrical Engineer |

Weishuhn Engineering, Inc.

Civil Engineer
425 Spring St. Suite 102
Columbus, TX 78934
979.732.6997

| | |
|--------------------|-----------|
| James Weishuhn, PE | President |
|--------------------|-----------|

Construction Team:

TBD



New 21st Century School | St. Anthony Catholic School

Introduction

Columbus, Texas is a modern community brimming with huge oak trees and an old fashioned traditional feel. At the heart of this city is the St. Anthony Catholic School Campus, an affiliation of the Diocese of Victoria. It has served generations of Columbus families since its inception in 1956 with a long history of quality education. This school has now embarked on a mission to expand their current facilities and offer a truly 21st century educational environment, new school offices and work areas, community areas, and school chapel critical to the success of the community and the school's growing population and needs.

Architectural Design

The school is designed to integrate the value system of "The Four C's" – Critical thinking, communication, collaboration, and creativity. This 21st century school merges nearly 60 years of academic excellent with access to today's technology to connect the past with the future. The traditional building envelope presents itself to the community while the interior boasts cutting edge spaces. It has been organized into "pods" with common "break-out" spaces for flexible classroom organization. Common community/school areas along with art, science, and computer labs allow this school to be a catalyst to turn kids into lifelong learners. The

result is a design that weaves the school's architectural character and charm into the existing campus and community.

The Process

Our project approach, "the Co-Op," is a well-tested, transparent process that provides structure and schedule for efficient collection and assimilation of project information. JMB2 met with the school/parish leaders and faculty to develop a program & scope through a series of design vignettes. This process allowed the teachers and faculty to bring forth ideas and wishes for their classrooms and the administration spaces. Going room by room, this process uncovers opportunities for designing a learning facility that is tailored to the teachers' and students' individual needs while relating this back to the community.

The Next Step

Completion of the Construction Documents (CD) phase and specifications for bidding will be the final documents segment after client review and approval of the DD documents. This phase focuses on the completion of bid drawings and specifications as well as a detailed review of estimated probable construction costs. The proposed schedule of documents and construction

is as follows. Upon your acceptance of these documents, the construction documents may be completed and ready for bid by the end of June. Construction may commence in July followed by an approximate 12 month construction schedule, which will allow for a 1-week owner move-in period and a scheduled opening in August 2017. Within this document is the project schedule detailing these and other upcoming milestones.

Our Commitment

Our vision is to add to your community through collaboration and many years of educational facility design. We are committed to maintain and expect greatness in all facets of the work environment, client services, and especially in the quality and value of the finished project. We are very pleased to present this New 21st Century School and feel that this design will be an excellent example tool for success for many future generations to come.

We thank you for the opportunity to serve you.


JMB2 Architecture Cooperative
J. Matthew Brown, AIA, REFP

Introduction to Project | Naming Opportunities

EXTERIOR AREAS

- Exterior Sign Wall and Lights (Live Oak)
- Rear Courtyard Fences and Gates
- Reading Grove
 - Benches/Trees
- Prayer Garden
 - Canopy
- Existing Prayer Garden Improvements
- Chapel Prayer Garden
- SAS Wall

ART LAB RENOVATIONS

- Art Room
- Art Courtyard

OLD MAIN RENOVATIONS

- Museum Hall
- Chapel/Narthex
 - Altar Furnishings and Tabernacle
 - Narthex Floor Graphic
 - New Clear Anodized Cross at Entry
 - Stained Glass at Narthex
 - Crucifix on Altar Wall
 - Chapel Seats/Kneeling
 - Sacristy/Office Furnishings
- School Office

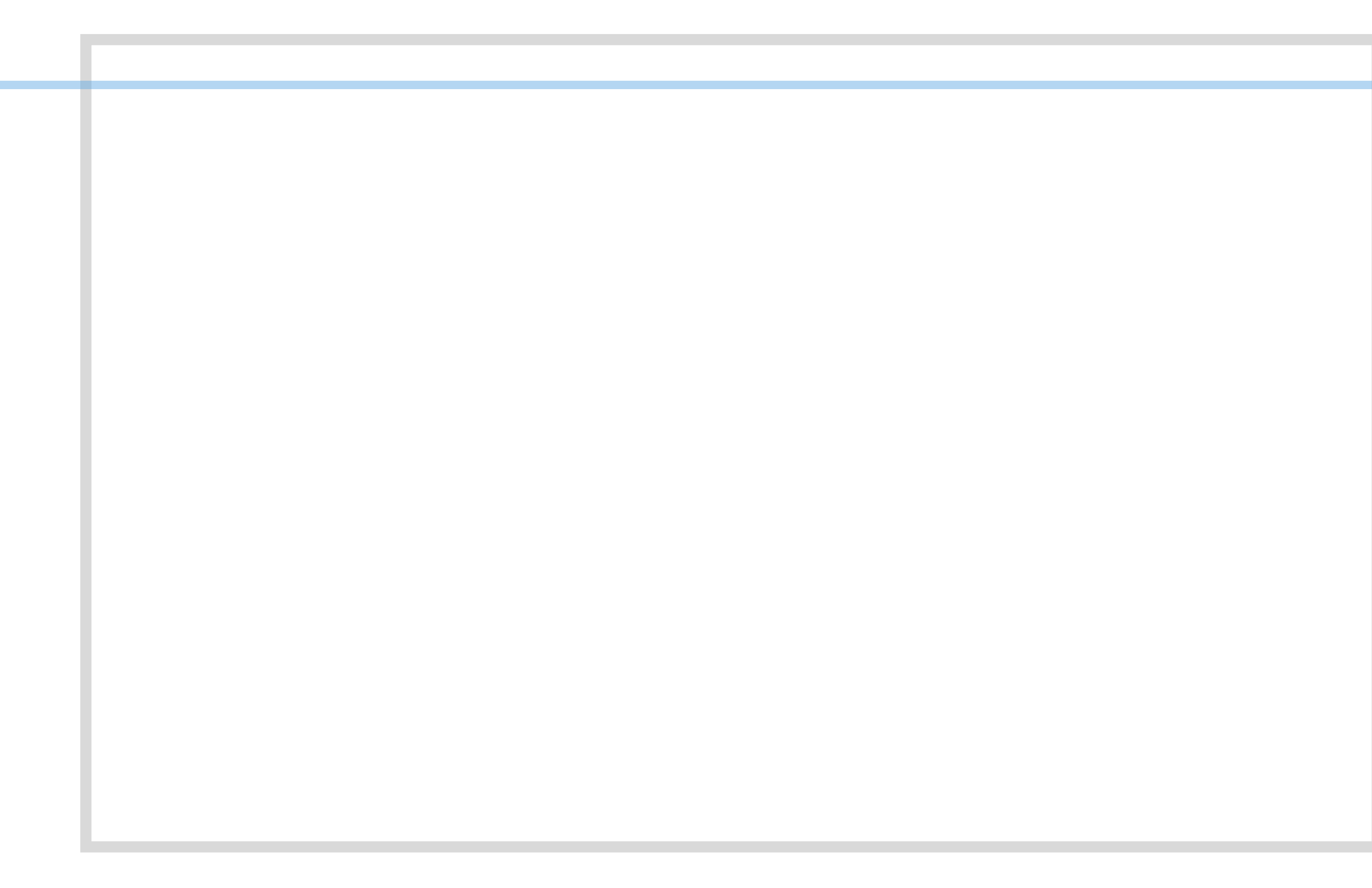
NEW 21ST CENTURY SCHOOL BUILDING

- Main Entry Foyer
 - Mosaic Wall
 - Floor Graphic
 - Special Lighting
 - Soft Seating
- Learning Commons
 - Reading Nook
 - Puppet Area
 - Column Wrap Tree
 - Coffee Bar
- 1st Floor Hall
 - Interchangeable Locker Faces
- 45 Breakout Spaces
 - Activity Hub
 - Learning Hub
- 123 Breakout Spaces
 - Activity Hub
 - Learning Hub

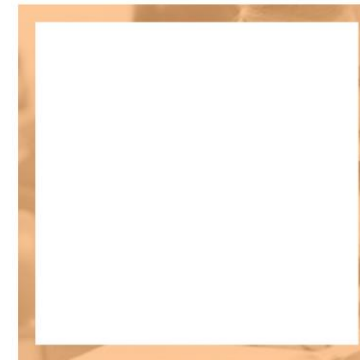
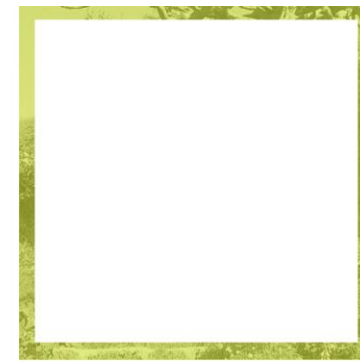
- Classrooms
 - 1st Grade
 - 2nd Grade
 - 3rd Grade
 - 4th Grade
 - 5th Grade
 - English
 - Math
 - Social Studies/Science
 - Science Lab
 - Science Balcony/Planting Lab
 - Fume Hood
 - Science Equipment
 - Teacher Demonstration Desk
 - Computer Lab
 - MDF Room
- JH Commons
 - Soft Seating Area
 - Interchangeable Locker Faces
- JH Breakout Spaces
 - Learning Hub







Program of Requirements



2

Program of Requirements | Program

| | |
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|  <p>JMB2 ARCHITECTURE COOPERATIVE 281.980.0900 POB 18857 Sugar Land, TX 77496 WWW.JMB2-ARCH.COM</p> | <p>Saint Anthony Catholic School New 21st Century Education Facility Facilities Program</p> <p>V2.1 - 10/19/2015</p> |
|--|---|

- Contributors**
- SAS Faculty: Father Augustine: Bartels, Pat; Barten, Natalie; Beettner, Patsy; Braden, Mary Ann; Cantu, Danette; Collins, Shawna; Culton, Donna; Darr, Sandy; Glynn, Vickie; Graves, Pam; Hajovsky, Sharon; Hartigan, Amy; Heffley, Amy; Heffley, Dorothy; Kneblak, Dawn; Lanham, Tracey; Martinez, Saira; Mullen, Delores; O'Leary, John; O'Leary, Sandy; Olivarez, Tracy; Oppermann, Grace; Pflughaupt, Kerry; Rubio, Karina; Santillano, Mencia; Schobel, June; Schobel, Nicole; Spatafora, Johanna; Sturges, MJ; Sunderman, Cynthia; Theut, Tracy; Walla, Laura; Warschak, Krystle
 - SAS Building Committee: Rusty Theut (Primary Project Contact), Pastor Rev. Augustine Asante, Deacon Charlie Novosad, James Weishuhn, Bill Hobaugh, Ryan Schobel, Nathan Fuchs
 - JMB2 Architectural Cooperative: (Matt B., Frank K., Bill W., Matt M., Anna R., Mohammad H., Janienne B.)

SAS Assessment Report Brief:
Assessment Report Overall Summary:
 SAS Assessment Committee provided exhaustive review/assessment of existing school campus and building conditions and possible recommendations for action. Overall programmatic information translated directly to this program only adjusted based on curriculum discussion comments during programming sessions.

"Immediate concerns" (pg 5): general appearance and functionality, fire and electric code upgrades, ADA upgrades (2-story elevator access), technology upgrades, overall condition and maintenance and operating costs.
 "Critical Issues Identified": (pg 7-9) for program of improvement goals from image issues to MEP, asbestos and leak issues to overall flow, safety, administrative and curriculum space inadequacies / underutilization issues to attend to.
 "Alternative Concepts Evaluated": (pg 18-26 -- Plans 1, 2, 3, 4) cost, schedule, impact, needs addressed, description, program requirements associated.
 "Summary and Overall Recommendations" (pg 29-30) - Recommend Plan 2 or 2A and Plan 3 "fallback".
 "Appendix" (pg 31 -->) pics, enrollment, awards, old rebuild plans, new plan concept plans, project schedule

MEETING NOTES

It was noted several times that there has been flooding on the west side of the site--in the Aftercare Building. It seems to be a function of drainage and the floor elevation rather than general flooding in the adjacent street or properties to the west. If new structures are planned in this area, they must be set at elevation to avoid flooding.

The school currently has 6 buildings. The Church, Rectory and former Convent are located along the east/Bowie side of the site. These are Parish vs. school facilities, functions.

The Old Main Building houses on the first floor the school's main entrance, the admin offices, and classrooms serving grades 1-3. On the second floor, there are classrooms for grades 4-5, an art room, and a computer lab.

The former Knight's of Columbus building houses the library and an exercise/weight room on the first floor plus an old Kitchen space (current use?). On the second floor, there are three classrooms for ??? The group did not discuss the location of the weight room next to the Library and at the opposite end of the site form the Gym, locker rooms and playfields. Should the planning/design studies include


The classroom Building in the courtyard adjacent to the big oak tree and the cafeteria houses 4 classrooms for PK classes--each with a toilet. This is a relatively new structure and appears to be in good condition.

The Cafeteria and gym are at the southwest corner of the site and also relatively new and in good condition--capable of serving the schooling anticipated for some years come. These service for the kitchen is at the northeast corner of the building.

The Old Building (former convent) at the southeast corner of the site is in dubious condition. The current thought is that it will be demolished. It substantially isolated from the school buildings and spaces because of the cafeteria/kitchen, classroom an Rectory

The school is strongly related to the Church, but that link is not clearly articulated in the layout of the site. There is a doorway into the church on the south side near the west end. It is opposite the entrance with the porte cochere on the north (Bonham Street) side of the church. The primary entrance to the church is on the east facing Bowie Street.

The school/church have a parking lot across the Live Oak street to the west. Across the Wallace Street to the south, there are play fields. The school has an 8 man football team and a softball team. No additional facilities or site improvements for these were mentioned. At times during the school days 12:30-3:30), gates are used to close Wallace Street to protect students crossing between the school and fields.

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There are several enormous live oak trees on the site--in the courtyard and near the Rectory. These are very old, extraordinary specimens that should be very carefully preserved. There is a large pecan tree at the south end of the Knights of Columbus building that has been substantially 'pruned'--it's condition needs to be reviewed.

Reflecting their diverse ages and studies, the students are organized in four groups (see attached Students Grades worksheets). While generally separated in their studies, all share access to the admin, library, cafeteria, gym, art, science lab and computer lab.

Explore how to get more use of the Stage in the cafeteria. Someone mentioned provide an operable acoustical wall across the proscenium so that the stage could be used for instruction, when not required as a stage.

The Parish provides religion education courses for students in grades 2-8 and high school students. There is 1 class/week for approximately 100 students (size varies)-meet in classrooms or gym.

Typically teach students in separate groups based on age. Grades 3-4 overlap during recess and in the cafeteria. The K1-3 students have a different, separate schedule.

Typically, student groups go to the cafeteria at 10 minute intervals. Lunch/serving starts at 10:50--ends at 11:30--the cafeteria closes 12:30. Students are not allowed to go/eat outside. Should we explore place in courtyard for outdoor eating?

Security- the site is enclosed by buildings with fences/gates infilling the spaces between buildings. There is a security vestibule on the primary entrance into the Old Main Building on the north/Bonham street side of the school. It was noted that some level of security is required for the school's accreditation. (We need more info on these standards.)

A very nice lady who lives across Bonham Street from the school makes wonderful chocolate chip cookies. The group at the 6-27-2015 Somethings identified that do not work well currently: (1) The drop-off/pickup are on Bonham on the north side when it rains. They are using the church porte cochere. (2) Access into/out of the cafeteria. (3) Need more computers in the classrooms, and more room in the It was noted that none of the teachers have enough storage--a condition unique to SAS.

There was discussion about the size of the enrollment---that it may grow slightly in the future, but it is not the intent/objective to serve many more students (have 177 at this date) or additional grade levels.

In addition, there was considerable discussion about the uses of technology, teacher/student relationships, group vs. individual Each 'pod' is to have classrooms (capacity of 24 students/room) gathered around a shared breakout area. The wall between the classrooms and breakout area are to be clear/transparent and operable (electric, not manual). The walls between classrooms are to be

There was also discussion about the technology the school has and aspires to have in the near term future. It was agreed that a more robust wireless network through the campus was very important. It was agreed that the school would retain its computer lab, and that a Junior High lockers - currently 90 12x12x36 dbl. tier?. If lockers are located on a corridor wall or breakout area wall, there should be clear glass above them to the ceiling.

Get info on St. Anthony--see attached

Get Copy of Columbus Zoning Ordinance and Zoning Map.. Both are attached. Site is zoning District P, Public Building or Public Use

The school is having a survey of the site done. We need to get that ASAP. We need the finished floor elevations of the existing

We need to do a code review of the Old Main Building and any other structures which are to remain and serve as part of the school for It was the consensus of the group that the TEA Facility Standards are not applicable to SAS. Kelly is to verify this.

General JO Notes: Prefer Adjustable size classrooms, some breakout, enough plugs to accommodate the technology, some sky lighted ares, teacher storage in classroom, restrooms for the different aged students.... I would prefer a real nice hard floor over wall to wall carpet. Also curious what the outside/appearance design will look like. Something like WOW! Also to tell it is a Catholic School. I really like the idea of having Old Main the main drop off in the morning and pick-up in the afternoon. The parents and students are really familiar with this routine in the morning and after school. Want to maintain some of the traditions and start some new ones. Since we agreed not to phase in the project, I will need to come up with a plan that will disrupt the learning process as little as possible.



New 21st Century School | St. Anthony Catholic School

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| | |
|--|----------------------------|
| | - Old Main Renovation |
| | - New Education Building |
| | - Existing or not in scope |


| Administration, Chapel | | | | | |
|--|----------|--------|--------------|----------|--|
| Function, Space | Quantity | Net SF | Total SF | Capacity | Notes |
| Main Entry Identity | 1 | 1000 | 1,000 | | Design feature to communicate "Old Main" as the main entry to school campus. (not porte-cochere) |
| Entry Foyer/Vestibule | 1 | 200 | 200 | | Double sets of doors--one from the outside, another into the school. Provide some visitor waiting/seating. |
| Chapel | 1 | 800 | 800 | | Entrance to the Chapel via the Entry Foyer. Chapel should be welcoming, part of the identify of the school. (+ sacristy + choir office?) |
| Chapel Office | 1 | 120 | 120 | | near chapel and entry - possibly to contain sacristy ffe? |
| Admin/Community Meeting Room | 1 | 300 | 300 | | Open to Foyer w/ public & admin access (10-20) |
| School Business Office | 1 | 150 | 150 | | Combine w/ Reception? |
| Receptionist | 1 | 100 | 100 | | Behind desk/window into Entry Foyer. Visitors must identify themselves, get badge, be 'buzzed' by Receptionist into the school. -Combine w/ business office? |
| Student waiting | 1 | 400 | 400 | | Waiting/seating for up to 50 kids before/after school open |
| Records | 1 | 120 | 120 | | |
| File/storage Room | 1 | 120 | 120 | | Door, sidelight. |
| Infirmary | 1 | 80 | 80 | | bed and table/chair with screen for sick - open to office |
| Office Toilet | 1 | 80 | 80 | | for office and infirmary (shower?) |
| Principal's Office | 1 | 200 | 200 | | Locate Receptionist, Principal and other offices near the Foyer, but within the school, after the second set of secure doors. (away from entry with second exit?) |
| Principal Toilet | 2 | 64 | 128 | | Principal |
| Teacher Work, Break Room, Mail Room | 1 | 300 | 300 | | Copier/Printer, work counter with casework for storage. In center of space 2 tables for 4 each. Small kitchen with sink/disposal, refrigerator, microwave. (15x17?) - # size of mailboxes (access? Lock/open? Large boxes) |
| Subtotal Admin, Chapel | | | 4,098 | | |
| Support Spaces | | | | | |
| Toilets | 2 | 150 | 300 | | 2 public toilets - 2 fixture each + 2 ewcs |
| MEP | 1 | 64 | 64 | | |
| Electrical, Data | 1 | 30 | 30 | | |
| Janitor | 1 | 30 | 30 | | |
| Total Admin, Chapel | | | 4,522 | | |

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| Elementary Grades 1-3 | | | | | |
|------------------------------------|----------|--------|--------------|-----------|---|
| Function, Space | Quantity | Net SF | Total SF | Capacity | Notes |
| Classrooms | 3 | 650 | 1,950 | 66 | Assume 22 students each, 36 SF/Student. (792) Classrooms accessible through breakout area (re: below) - view to courtyard? Provide sink/casework cubbies/hooks in each room appropriate for young students. possible Operable, transparent glass wall into adjacent breakout area (re: below) possible Operable, STC rated partition between adjacent classrooms in this same pod. Projector/screen or large flat screen monitor. Provide wall with writeable, projectable surface. Teacher's workstation/desk related storage in each classroom. |
| Breakout Area | 1 | 650 | 650 | | Highly flexible, varied furniture. Provide some opaque surfaces for writing, projection. (792) sink/cabs (include small Pod Library/work niche for topic books and one-on-one and individual work) |
| Student Toilets | 2 | 160 | 320 | | Each with 2 toilets or 1 toilet/1 urinal, 1 lav. + 2 ewcs |
| Teacher Toilet | 1 | 84 | | | May be shared with other pods if plan permits. (spec needs?) |
| Teacher Storage | 1 | 120 | 120 | | Cabinets, shelving. |
| Subtotal | | | 3,040 | 66 | |
| Support Spaces | | | | | |
| Toilets | 0 | | 0 | | See above |
| MEP | 1 | 64 | 64 | | |
| Electrical, Data | 1 | 30 | 30 | | |
| Janitor | 1 | 30 | 30 | | |
| Total Elementary Grades 1-3 | | | 3,164 | 66 | |



Program of Requirements | Program


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| Intermediate Grades 4-5 | | | | | |
|--------------------------------------|----------|--------|--------------|-----------|--|
| Function, Space | Quantity | Net SF | Total SF | Capacity | Notes |
| Classrooms | | | | | Assume 22 students each, 32 SF/Student. (704) Classrooms accessible through breakout area (re: below) - view to courtyard? |
| | 2 | 650 | 1,300 | 44 | Provide casework in each room. Operable, transparent glass wall into adjacent breakout area (re: below) possible Operable, STC rated partition between adjacent |
| | | | | | Projector/screen or large flat screen monitor. Provide wall with writeable, projectable surface. |
| | | | | | Teacher's workstation/desk related storage in each classroom. |
| | | | | | Provide lockers or other student storage? 5th grade only? |
| Breakout Area | | | | | Highly flexible, varied furniture. Provide some opaque surfaces for writing, projection. sink/cabs (include small Pod Library/work niche for topic books and one-on-one and individual work) |
| Student Toilets | 2 | 160 | 320 | | Each with 2 toilets or 1 toilet/1 urinal, 1 lav. + 2 ewcs |
| Teacher Toilet | 1 | 84 | 84 | | May be shared with other pods if plan permits. (spec needs?) |
| Teacher Storage | 1 | 120 | 120 | | Cabinets, shelving. |
| | | | | | |
| | | | | | |
| Subtotal | | | 2,474 | 44 | |
| Support Spaces | | | | | Toilets, MEP, Electrical, Data, Janitor closet to be provided depending on location of these spaces re: other parts of the school. |
| Toilets | 0 | | 0 | | See above |
| MEP | 1 | 64 | 64 | | |
| Electrical, Data | 1 | 30 | 30 | | |
| Janitor | 1 | 30 | 30 | | |
| Total Intermediate Grades 4-5 | | | 2,598 | 44 | |

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| | | V2.1 - 10/19/2015 | |

| Middle Grades 6-8 | | | | | |
|----------------------------|----------|--------|--------------|-----------|---|
| Function, Space | Quantity | Net SF | Total SF | Capacity | Notes |
| Classrooms | | | | | Assume 22 students each, 32 SF/Student. (704) Classrooms accessible through breakout area (re: below) (share classes between courses - math, science, soc-studies, english, religion, other?) - view to courtyard? |
| | 3 | 650 | 1,950 | 66 | Provide casework in each room. Operable, transparent glass wall into adjacent breakout area (re: below) |
| | | | | | Operable, STC rated partition between adjacent classrooms in this same pod. |
| | | | | | Projector/screen or large flat screen monitor. Provide wall with writeable, projectable surface. |
| | | | | | Teacher's workstation/desk related storage in each classroom. |
| | | | | | assume 66 students - Provide 90 lockers 12 X 12x36 (could be double tier?). If lockers are located on a corridor wall or breakout area wall, there should be clear glass above them to the ceiling. |
| Breakout Area | | | | | Highly flexible, varied furniture. Provide some opaque surfaces for writing, projection. sink/cabs (include small Pod Library/work niche for topic books and one-on-one and individual work) - learning hub |
| Student Toilets | 2 | 190 | 380 | | Each with 2 toilets or 1 toilet/1 urinal, 2 lavs + 2 ewcs |
| Teacher Toilet | 1 | 84 | 84 | | May be shared with other pods if plan permits. (spec needs?) |
| Teacher Storage | 1 | 150 | 150 | | Cabinets, shelving. |
| | | | | | |
| | | | | | |
| Subtotal | | | 3,214 | 66 | |
| Support Spaces | | | | | Toilets, MEP, Electrical, Data, Janitor closet to be provided depending on location of these spaces re: other parts of the school. |
| Toilets | 0 | | 0 | | See above |
| MEP | 1 | 100 | 100 | | |
| Electrical, Data | 1 | 30 | 30 | | |
| Janitor | 1 | 30 | 30 | | |
| Total Middle Grades | | | 3,374 | 66 | |



| | |
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|  <p>JMB2 ARCHITECTURE COOPERATIVE 281.980.0900 POB 18857 Sugar Land, TX 77496 WWW.JMB2-ARCH.COM</p> | <p>Saint Anthony Catholic School New 21st Century Education Facility Facilities Program</p> <p>V2.1 - 10/19/2015</p> |
|--|---|


| Library, Computer Lab | | | | | |
|--------------------------------|----------|--------|--------------|----------|--|
| Function, Space | Quantity | Net SF | Total SF | Capacity | Notes |
| Library - Learning Commons | 1 | 1000 | 1,000 | | Multi-media/resource - amount of hard copy/stacks (moveable), Not clear about future of library re: paper vs. digital resources. Provide digital resources, effective learning environment, sufficient reference material - integrate computer area/lab? What is AR store? - book drop |
| | | | | | Need to define how library will be used. Allocation of space for stacks, reading/study, computers, Library should have more involvement with classroom activities, be able to coordinate with teachers to supplement their lessons and teach some library curriculum. Should library be open/accessible or enclosed/secured? What is optimum relationship between library and classrooms, different grades? Goal--for the library to be used by all instructional staff to supplement, differentiate their instruction . |
| | | | | | Library should have about double current floor area. Provide floor to ceiling fixed shelving around perimeter walls (must be coordinated with 'involvement with classrooms') with low moveable shelving in the center of the library. |
| | | | | | Non-fiction will most likely need to be stationary (largest section of books), but everything else could be moveable. Need some flexible areas for differentiated activities. |
| | | | | | Should be able to accommodate: tables for small group projects (a maker space?) listening centers, iPad/computer centers, a cozy reading nook, large area rug for whole class instruction, a smart board/projector connected to the teacher computer for introducing supplemental technology. |
| | | | | | Accommodate peer reading in order to combine grade and age levels. |
| | | | | | Need some storage strictly for library use plus a small closet for things like seasonal/bulletin board materials, yearbooks. Ideally adjacent to or connected to teacher workroom--ability to access things like laminator. Would be good for combining spaces with the rest of the school. |
| | | | | | Small kids reading stage/area and stacks - combine into main but in niche and identifiable |
| | | | | | Provide "learning Hubs" (small library area) at each pod break-out (comp/wk + roll-in book carts) |
| project room | 1 | 100 | 100 | | work space (individual/team student projects) 'quiet space' small groups of 1-6 students. (in library main) |
| office / workroom | 1 | 200 | 200 | | combine spaces - view to main - near circ desk |
| storage | 1 | 150 | 150 | | adjacent to library workroom (access to hall) |
| Subtotal Library | | | 1,450 | | |
| Computer Lab | 1 | 650 | 650 | | Flexible furnishing for computers, printers, projects. Projector, screen or flat screen monitor. May be used for computer studies, science and/or art/graphics /photography (is 425sf enough - need 650-800sf +/-) |
| Technology Office | 1 | 120 | 120 | | combine with main network? |
| Main Network, IT, sto. | 1 | 90 | 90 | | Door, sidelight. |
| Remote IT closet | 1 | 90 | 90 | | Door, sidelight.(more than 1?) |
| | | | | | Computer lab could be adjacent to library and best placed between Jr High and grades 1-5 for easy central access for all grades |
| Subtotal Computer Lab | | | 950 | | |
| Support Spaces | | | | | Toilets, MEP, Electrical, Data, Janitor closet to be provided depending on location of these spaces re: other parts of the school. |
| Toilets | 0 | | 0 | | See above - share toilets? |
| MEP | 0 | 64 | 0 | | |
| Electrical, Data | 0 | 30 | 0 | | |
| Janitor | 0 | 30 | 0 | | |
| Total Library, Computer | | | 2,400 | | |

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|--|---|

| Art, Science Labs | | | | | |
|---------------------------|----------|--------|--------------|----------|--|
| Function, Space | Quantity | Net SF | Total SF | Capacity | Notes |
| Art | 1 | 800 | 800 | | |
| Storage/KiIn | 1 | 200 | 200 | | Kiln rm in storage area or could be outside? |
| Science | 1 | 800 | 800 | | |
| | | | | | 9' ceilings/natural light - perimeter case work with sinks/power, loose tables/chairs in center. Ideally should have direct access to outdoor space with gardens, compost, etc... Projector, screen or flat screen monitor. Review need for--emergency shower/eye wash, demonstration desk with gas/water/power/shut-off, fire extinguisher, ventilation (separate from early childhood classes) |
| Prep, Storage | 1 | 200 | 200 | | Provide storage cabinets, sink. No chemicals. (fume hood to class) - chem/acid sto., hot plates, goggles |
| Lab Breakout Area ??? | 0 | 650 | 0 | | Highly flexible, varied furniture. Provide some opaque surfaces for writing, projection. sink/cabs |
| Subtotal | | | 2,000 | 0 | |
| Support Spaces | | | | | Toilets, MEP, Electrical, Data, Janitor closet to be provided depending on location of these spaces re: other parts of the school. |
| Toilets | 0 | | 0 | | See above - share toilets? |
| MEP | 1 | 100 | 100 | | |
| Electrical, Data | 1 | 30 | 30 | | |
| Janitor | 1 | 30 | 30 | | |
| Total Art, Science | | | 2,160 | 0 | |



Program of Requirements | Program

| | |
|--|---|
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| Site & Exterior | | | | | |
|--------------------------------------|----------|--------|----------|----------|---|
| Function, Space | Quantity | Net SF | Total SF | Capacity | Notes |
| Main Entry Identity | 1 | 0 | 0 | | Design feature to communicate "Old Main" as the main entry to school campus. (not porte-cochere) |
| West Side Student Drop-Off / Pick-Up | 1 | 0 | 0 | | Covered Student before/after school pick-up/drop-off - Provide drop lane & adjacent canopy (covered to bldg) for 4-5 cars - locate near middle of education building with direct access to bldg and through access to courtyard |
| Covered Student access to Church | 1 | 0 | 0 | | Existing and new extensions or improvements |
| Prayer Garden | 1 | 0 | 0 | | Keep/formalize/enhance existing |
| School Courtyard | 1 | 0 | 0 | | Keep existing - enhance courtyard and relationship with school |
| Courtyard Stage | 1 | 0 | 0 | | Keep/formalize/enhance existing |
| S/W Drop + pick up | | | | | 5 cars + covered drop |
| S/E Drop/Loading | | | | | PK3 - K - keep exist + add cover (alternate?) |
| S Drop | | | | | At Dining - stripe 5 car drop area (covered future/alt?) |
| S/E parking | | | | | At pastoral ministry (+ 18 sp?) |
| | | | | | |
| | | | | | |
| Total Site & Exterior | | | 0 | 0 | |

| TOTAL SCHOOL | | | | | |
|-------------------------------|----------|--------|---------------|----------|--|
| Function, Space | Quantity | Net SF | Total SF | Capacity | Notes |
| Renovation Area | | | | | |
| Total Programmed | | | 4,522 | | |
| Circulation, Walls (20%) | | | 904 | | |
| GSF Renovation | | | 5,426 | | exist Old Main 4,400sf +/-, incl. walls (\$100/sf +/-) |
| | | | | | |
| New Construction Area | | | | | |
| Total Programmed | | | 13,696 | | |
| Circulation, Walls (20%) | | | 2,739 | | |
| GSF New Const. | | | 16,435 | | goal to be under 15,000sf new const. (\$175/sf +/-) |
| | | | | | |
| Total Construction GSF | | | 21,862 | | |



LOCATION AND TRANSPORTATION

- Beginning with pre-design and continuing throughout design phases, opportunities to achieve synergies across disciplines and building systems were identified
- Building is being constructed on an existing site in an area with existing infrastructure and not on environmentally sensitive lands.
- Minimum local code requirements for parking capacity were not exceeded to reduce the footprint

SUSTAINABLE SITES

- Much of the natural areas will be preserved, including existing trees on site. Exterior open spaces were created at the Prayer Garden and reading grove to encourage interaction with the environment and passive recreation
- White Modified bituminous Roofing will be used for heat island reduction
- The school is integrated with the community by sharing the building facilities for non-school events and functions

WATER EFFICIENCY

- Project's landscape water requirement to be maintained with limited additional impermeable surfaces and the use of existing and new local/native plantings. Roofs will be surface drained, typically.
- Indoor fixtures used have reduced water consumption from the baseline

ENERGY AND ATMOSPHERE

- Excessive energy use is reduced through the use of efficient building systems (For example, by using the VRF mechanical system and LED lights)

MATERIALS AND RESOURCES

- Dedicated areas will be accessible for the collection and storage of recyclables for the entire building
- Building materials will be salvaged and reused to reduce construction and demolition waste disposed in landfills
- Many building materials and products are manufactured locally/regionally, supporting the use of local resources and reducing environmental impacts from transportation

INDOOR ENVIRONMENTAL QUALITY

- Minimum standards for Indoor air quality will be established to contribute to the comfort and well-being of building occupants
- Smoking will be prohibited inside the building to prevent or minimize exposure of building occupants, indoor surfaces, and ventilation air distribution systems to environmental tobacco smoke
- A Maximum background noise of 40dBA from building systems in classroom and other core spaces will be achieved through effective acoustic design
- Compliant materials will be chosen to reduce concentrations of chemical contaminants in material choices (Low VOC)

- The design basis is to promote occupants' productive, comfort, and well-being
- LED light fixtures will be used
- To connect building occupants with the outdoors and to reduce electrical lighting, daylight will be introduced into the spaces. The alternate being considered for use, 'Solatube' tubular daylighting devices, will be used strategically to deliver daylight while minimized impact on the building envelope and heat gain.
- Direct lines of sight to the outdoors will be provided throughout the building in common spaces, classrooms, and all occupied spaces.

INNOVATION

- There is a community commitment to creating this 21st Century School
- Museum to display and re-use salvaged building elements and materials to reduce waste and to provide a connection with the school's history
- Strategic spaces will allow the school to be used as a learning tool. Certain structural elements of the building will be revealed, allowing the users of the building to engage with and learn about the construction of the building. Locker faces will be interchangeable with teaching elements, such as math facts and periodic elements. Interactive Display monitors and 'Break-out Spaces' will further allow the implementation of new technologies and strategies to further high performance goals.



Architectural Drawings



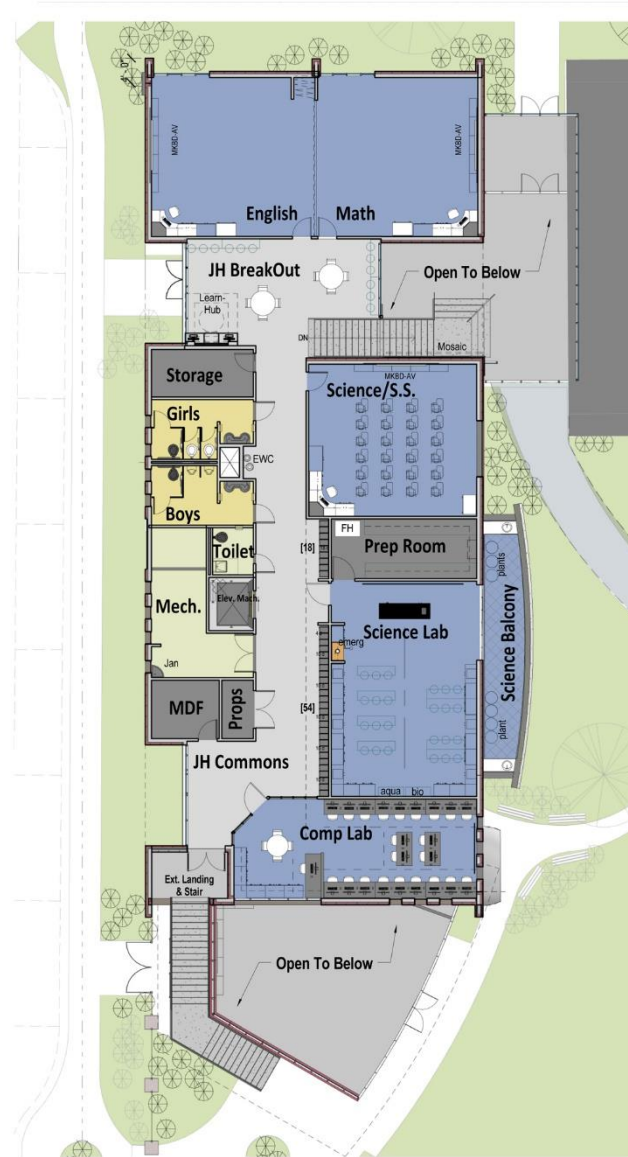
3

Architectural Drawings | Site Plan

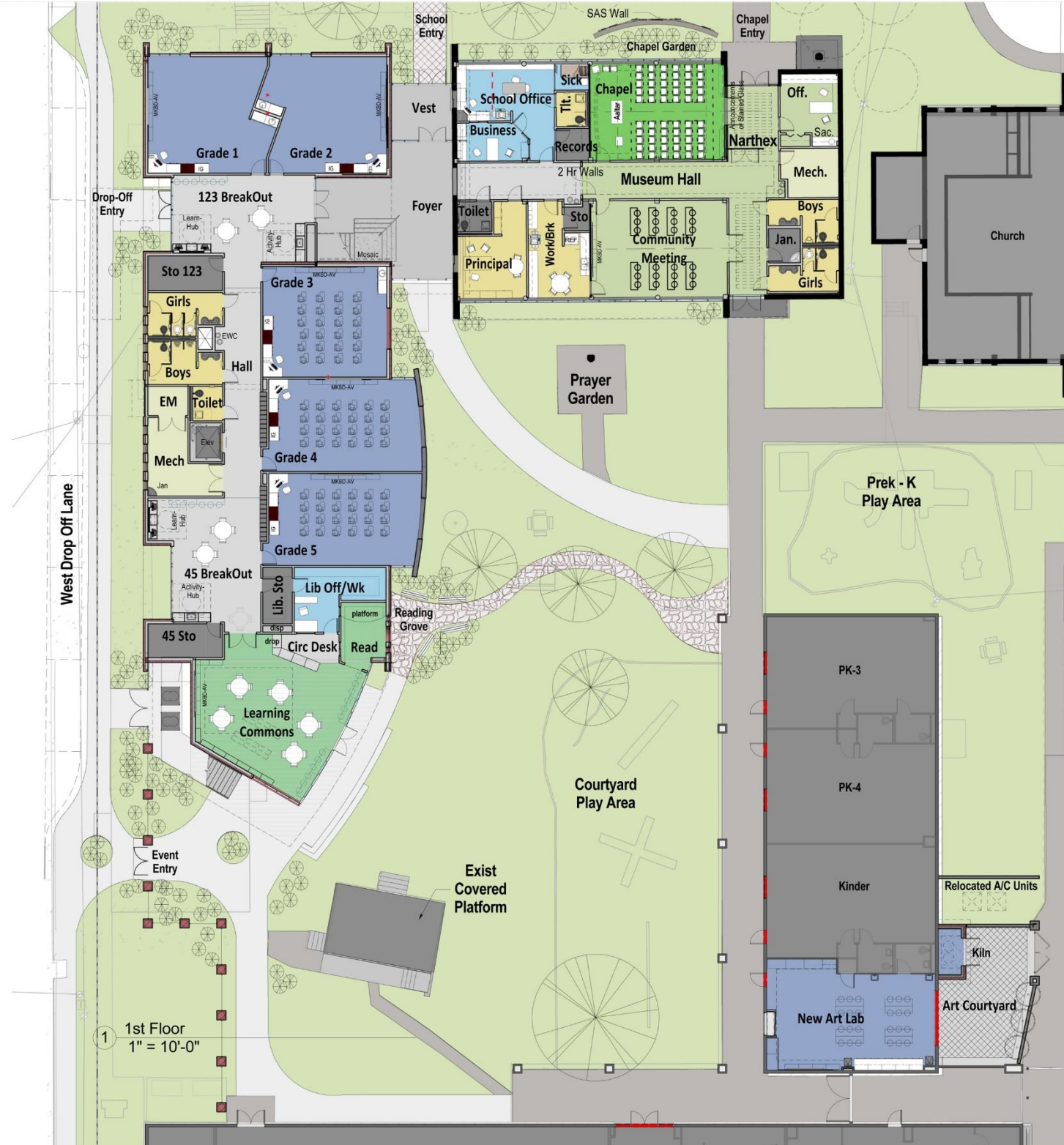


New 21st Century School | St. Anthony Catholic School

- Department Legend**
- Admin.
 - Chapel
 - Chapel/Community
 - Circulation
 - Classrooms
 - Library
 - Restrooms
 - Storage
 - Support/Mech.
- Construction Legend**
- Existing Building to Remain
 - Existing Building to Renovate
 - New Building
 - Existing Pavement
 - New Pavement
 - Green Space



Second Floor Plan



First Floor Plan





North Elevation



West Elevation





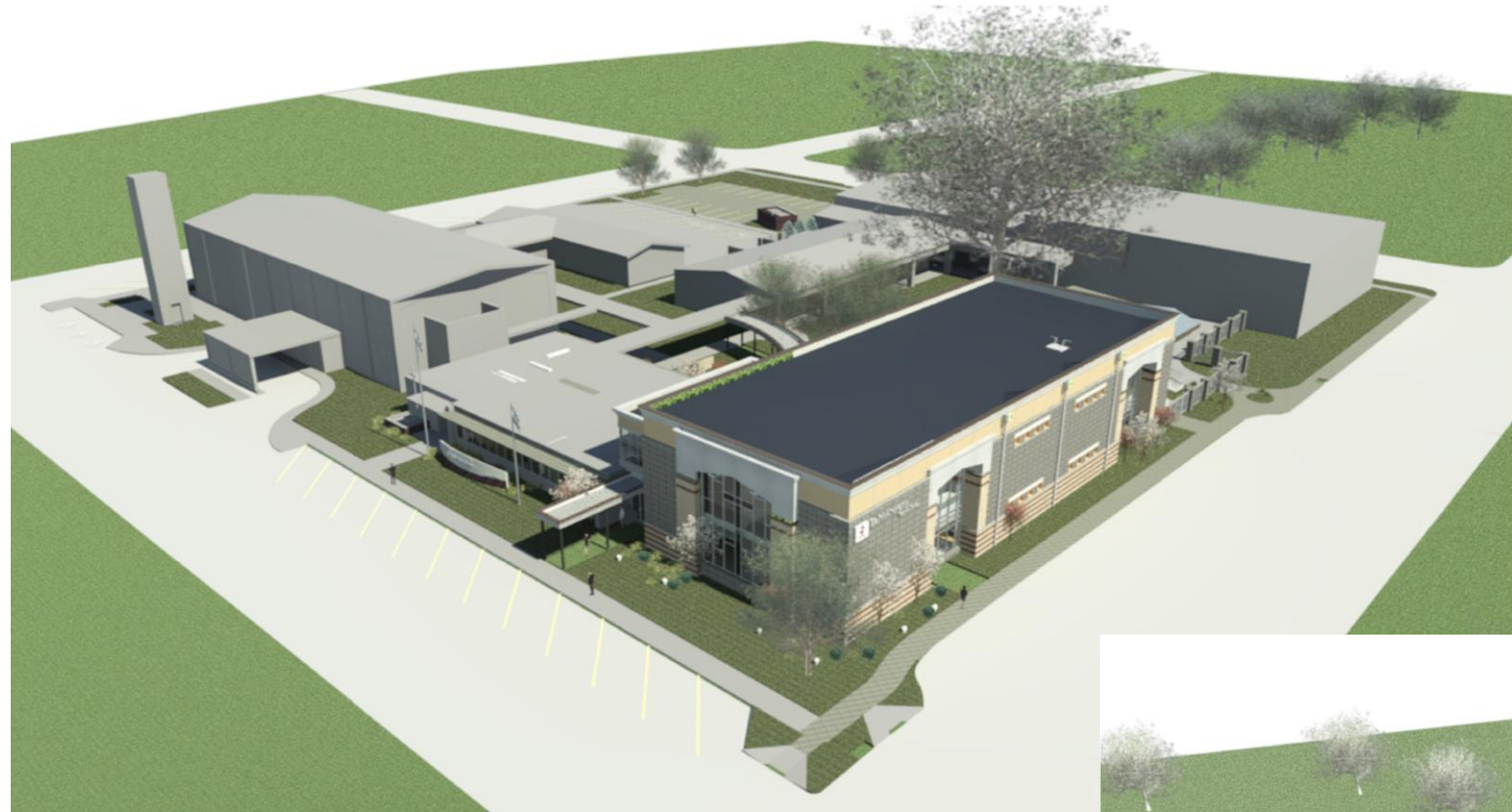
South Elevation



East Elevation



Architectural Drawings | Project Renderings



Bird's-Eye View North



Bird's-Eye View South





Exterior Entry View



Exterior
North West
Corner View



Main Foyer View



Learning Commons View

Art Lab View



South from Live Oak View

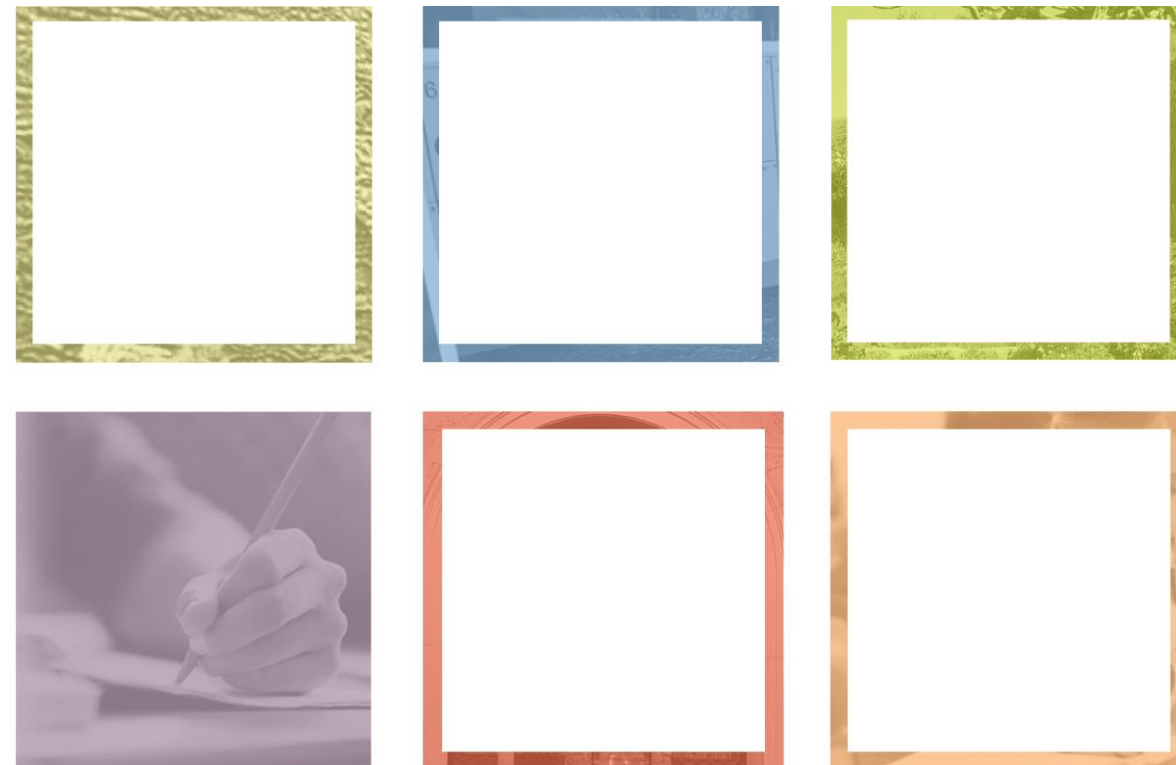


Exterior Courtyard View





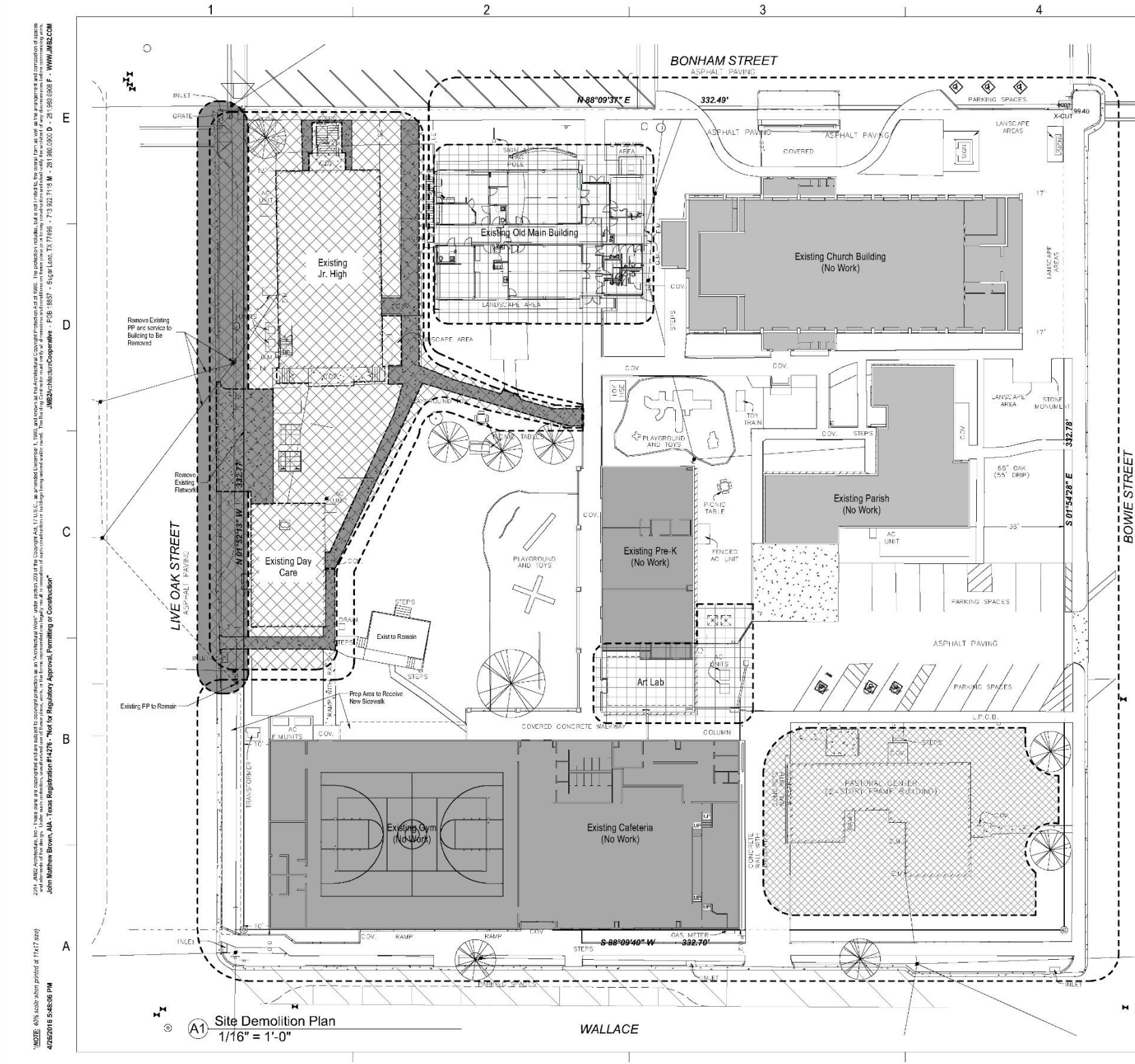
Project Documents



4

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| <p>1 2 3 4 5</p> <p>A B C D E</p> <p>John Mathew Brown, AIA - Texas Registration #14278 - "Not for Regulatory Approval, Permitting or Construction" 4/26/2016 6:06:42 PM</p> | <p>CFMF</p> | | | | | <p>DD Outline of Specifications (T.O.C.)</p> <p>PROCUREMENT AND CONTRACTING DOCUMENTS</p> <p>GROUP</p> <p>DIVISION 01 - PROCUREMENT AND CONTRACTING REQUIREMENTS</p> <p>001000 GENERAL CONTRACTING</p> <p>001010 GENERAL CONTRACTING</p> <p>001020 GENERAL CONTRACTING</p> <p>001030 GENERAL CONTRACTING</p> <p>001040 GENERAL CONTRACTING</p> <p>001050 GENERAL CONTRACTING</p> <p>001060 GENERAL CONTRACTING</p> <p>001070 GENERAL CONTRACTING</p> <p>001080 GENERAL CONTRACTING</p> <p>001090 GENERAL CONTRACTING</p> <p>001100 GENERAL CONTRACTING</p> <p>001110 GENERAL CONTRACTING</p> <p>001120 GENERAL CONTRACTING</p> <p>001130 GENERAL CONTRACTING</p> <p>001140 GENERAL CONTRACTING</p> <p>001150 GENERAL CONTRACTING</p> <p>001160 GENERAL CONTRACTING</p> <p>001170 GENERAL CONTRACTING</p> <p>001180 GENERAL CONTRACTING</p> <p>001190 GENERAL CONTRACTING</p> <p>001200 GENERAL CONTRACTING</p> <p>001210 GENERAL CONTRACTING</p> <p>001220 GENERAL CONTRACTING</p> <p>001230 GENERAL CONTRACTING</p> <p>001240 GENERAL CONTRACTING</p> <p>001250 GENERAL CONTRACTING</p> <p>001260 GENERAL CONTRACTING</p> <p>001270 GENERAL CONTRACTING</p> <p>001280 GENERAL CONTRACTING</p> <p>001290 GENERAL CONTRACTING</p> <p>001300 GENERAL CONTRACTING</p> <p>001310 GENERAL CONTRACTING</p> <p>001320 GENERAL CONTRACTING</p> <p>001330 GENERAL CONTRACTING</p> <p>001340 GENERAL CONTRACTING</p> <p>001350 GENERAL CONTRACTING</p> <p>001360 GENERAL CONTRACTING</p> <p>001370 GENERAL CONTRACTING</p> <p>001380 GENERAL CONTRACTING</p> <p>001390 GENERAL CONTRACTING</p> <p>001400 GENERAL CONTRACTING</p> <p>001410 GENERAL CONTRACTING</p> <p>001420 GENERAL CONTRACTING</p> <p>001430 GENERAL CONTRACTING</p> <p>001440 GENERAL CONTRACTING</p> <p>001450 GENERAL CONTRACTING</p> <p>001460 GENERAL CONTRACTING</p> <p>001470 GENERAL CONTRACTING</p> <p>001480 GENERAL CONTRACTING</p> <p>001490 GENERAL CONTRACTING</p> <p>001500 GENERAL CONTRACTING</p> <p>001510 GENERAL CONTRACTING</p> <p>001520 GENERAL CONTRACTING</p> <p>001530 GENERAL CONTRACTING</p> <p>001540 GENERAL CONTRACTING</p> <p>001550 GENERAL CONTRACTING</p> <p>001560 GENERAL CONTRACTING</p> <p>001570 GENERAL CONTRACTING</p> <p>001580 GENERAL CONTRACTING</p> <p>001590 GENERAL CONTRACTING</p> <p>001600 GENERAL CONTRACTING</p> <p>001610 GENERAL CONTRACTING</p> <p>001620 GENERAL CONTRACTING</p> <p>001630 GENERAL CONTRACTING</p> <p>001640 GENERAL CONTRACTING</p> <p>001650 GENERAL CONTRACTING</p> <p>001660 GENERAL CONTRACTING</p> <p>001670 GENERAL CONTRACTING</p> <p>001680 GENERAL CONTRACTING</p> <p>001690 GENERAL CONTRACTING</p> <p>001700 GENERAL CONTRACTING</p> <p>001710 GENERAL CONTRACTING</p> <p>001720 GENERAL CONTRACTING</p> <p>001730 GENERAL CONTRACTING</p> <p>001740 GENERAL CONTRACTING</p> <p>001750 GENERAL CONTRACTING</p> <p>001760 GENERAL CONTRACTING</p> <p>001770 GENERAL CONTRACTING</p> <p>001780 GENERAL CONTRACTING</p> <p>001790 GENERAL CONTRACTING</p> <p>001800 GENERAL CONTRACTING</p> <p>001810 GENERAL CONTRACTING</p> <p>001820 GENERAL CONTRACTING</p> <p>001830 GENERAL CONTRACTING</p> <p>001840 GENERAL CONTRACTING</p> <p>001850 GENERAL CONTRACTING</p> <p>001860 GENERAL CONTRACTING</p> <p>001870 GENERAL CONTRACTING</p> <p>001880 GENERAL CONTRACTING</p> <p>001890 GENERAL CONTRACTING</p> <p>001900 GENERAL CONTRACTING</p> <p>001910 GENERAL CONTRACTING</p> <p>001920 GENERAL CONTRACTING</p> <p>001930 GENERAL CONTRACTING</p> <p>001940 GENERAL CONTRACTING</p> <p>001950 GENERAL CONTRACTING</p> <p>001960 GENERAL CONTRACTING</p> <p>001970 GENERAL CONTRACTING</p> <p>001980 GENERAL CONTRACTING</p> <p>001990 GENERAL CONTRACTING</p> <p>002000 GENERAL CONTRACTING</p> | <p>DIVISION 11 - EQUIPMENT</p> <p>111000 RESIDENTIAL APPLIANCES</p> <p>113000 LABORATORY FUME HOODS</p> <p>Facility Services Subgroup</p> <p>DIVISION 21 - FIRE SUPPRESSION</p> <p>(SECTIONS T B D)</p> <p>DIVISION 22 - PLUMBING</p> <p>220100 BASIC PLUMBING REQUIREMENTS</p> <p>220200 PLUMBING SUBMITTAL PROCEDURES</p> <p>220300 VALVES - GENERAL</p> <p>220400 PIPE AND PIPE FITTINGS - GENERAL</p> <p>220500 PLUMBING IDENTIFICATION</p> <p>220600 PIPING INSULATION</p> <p>221100 DOMESTIC WATER PIPING & APPURTENANCES</p> <p>221200 ROOF DRAINAGE AND APPURTENANCES</p> <p>221300 NATURAL GAS PIPING AND APPURTENANCES</p> <p>223300 ACCESS DOORS</p> <p>224000 PLUMBING FIXTURES AND FIXTURE CARRIERS</p> <p>DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)</p> <p>230100 BASIC MECHANICAL REQUIREMENTS</p> <p>230200 ROOF CURBS</p> <p>230300 SPLIT ON DEVICES</p> <p>230500 MECHANICAL IDENTIFICATION</p> <p>230700 DUCT AND GRILLE INSULATION</p> <p>230701 REFRIGERANT PIPING INSULATION</p> <p>230501 AIR AND WATER BALANCE & SYSTEM TESTING</p> <p>230600 ENERGY MANAGEMENT CONTROL SYSTEM (EMCS)</p> <p>232300 REFRIGERANT PIPING</p> <p>233100 DUCTWORK</p> <p>233300 ACCESS DOORS</p> <p>233400 HVAC FANS</p> <p>233700 AIR DISTRIBUTION DEVICES</p> <p>235400 ELECTRIC UNIT HEATERS</p> <p>238100 VARIABLE REFRIGERANT FLOW HVAC SYSTEM</p> <p>DIVISION 24 - ELECTRICAL</p> <p>240000 ELECTRICAL</p> <p>240300 WARRANTY PERIOD</p> <p>240300 ELECTRICAL SUBMITTAL PROCEDURES</p> <p>240500 ELECTRICAL DEMOLITION</p> <p>240500 LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES</p> <p>240510 MC CABLE</p> <p>240520 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS</p> <p>240530 RACEWAYS AND CONDUITS FOR ELECTRICAL SYSTEMS</p> <p>240533 BOXES AND FITTINGS FOR ELECTRICAL SYSTEMS</p> <p>240540 APPROVISIONS FOR COMMUNICATION, SECURITY & SAFETY SYSTEMS</p> <p>240550 IDENTIFICATION FOR ELECTRICAL SYSTEMS</p> <p>240600 TESTING OF ELECTRICAL SYSTEM</p> <p>240610 ELECTRICAL POWER MONITORING AND CONTROL</p> <p>240616 TIME SWITCHES</p> <p>240620 CONTRACTORS</p> <p>240623 LIGHTING CONTROLS</p> <p>242100 LOW VOLTAGE ELECTRICAL SERVICE ENTRANCE</p> <p>242200 LOW VOLTAGE DISTRIBUTION TRANSFORMERS</p> <p>242400 PANELBOARDS FOR DISTRIBUTION SWITCHGEAR</p> <p>242700 WIRING DEVICES</p> <p>242800 WIRES</p> <p>242816 ENCLOSED SAFETY SWITCHES AND CIRCUIT BREAKERS</p> <p>242819 GROUND FAULT PROTECTION ON SYSTEM</p> <p>244300 SURGE PROTECTIVE DEVICES (SPD)</p> <p>245000 LIGHTING</p> <p>245023 AREA LIGHTING</p> <p>248200 ELECTRICAL HAND DRYERS</p> <p>DIVISION 27 - COMMUNICATIONS</p> <p>270500 GENERAL COMMUNICATION SYSTEMS REQUIREMENTS</p> <p>271400 INTERCOM COMMUNICATION SYSTEM</p> <p>274123 AUDIO-VIDEO ACCESSORIES</p> <p>DIVISION 28 - ELECTRONIC SAFETY AND SECURITY</p> <p>280500 GENERAL FIRE ALARM SYSTEM REQUIREMENTS</p> <p>283121 FIRE DETECTION AND ALARM SYSTEM</p> <p>END OF TABLE OF CONTENTS</p> |
| | <p>Stl. Stud</p> | | | | | | <p>DIVISION 29 - FINISHES</p> <p>290100 VISUAL DISPLAY UNITS</p> <p>291415 PLAQUES</p> <p>291419 DIMENSIONAL LETTER SIGNAGE</p> <p>292119 PLASTIC TOILET COMPARTMENTS</p> <p>292123 CURTAIN TRACKS AND TRACK</p> <p>292200 TOILET, BATH, AND LAUNDRY ACCESSORIES</p> <p>294413 FIRE PROTECTION CABINETS</p> <p>294415 FIRE EXTINGUISHERS</p> <p>295123 PLASTIC-LAMINATE GLASS LOCKERS</p> <p>295320 CHAIRS AND SUNSHEDS</p> <p>297515 GROUND-SET FLAGPOLES</p> <p>DIVISION 30 - MASONRY</p> <p>300200 MASONRY MORTARING AND GROUTING</p> <p>300201 UNIT MASONRY</p> <p>304311 ADHERED STONE MASONRY VENEER</p> <p>307200 CAST STONE MASONRY</p> <p>DIVISION 31 - METALS</p> <p>310200 STRUCTURAL STEEL FRAMING</p> <p>310210 STEEL JOIST FRAMING</p> <p>310320 STEEL ROOF DECKING</p> <p>310313 STEEL FLOOR DECKING</p> <p>310400 COLD-FORMED METAL FRAMING</p> <p>310500 METAL FABRICATIONS</p> <p>310513 METAL PAN STAIRS</p> <p>310513 PIPE AND TUBE RAILINGS</p> <p>310700 DECORATIVE METAL STAIRS</p> <p>DIVISION 32 - WOOD, PLASTICS, AND COMPOSITES</p> <p>321000 MISCELLANEOUS ROUGH CARPENTRY</p> <p>321030 SHEATHING</p> <p>325200 INTERIOR FINISH CARPENTRY</p> <p>327413 FIBERGLASS REINFORCED GRATINGS</p> <p>DIVISION 37 - THERMAL AND MOISTURE PROTECTION</p> <p>371615 CRYSTALLINE WATERPROOFING</p> <p>372100 THERMAL INSULATION</p> <p>372419 WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (E/FS)</p> <p>372500 WEATHER BARRIERS</p> <p>374213 METAL COMPOSITE MATERIAL WALL PANELS</p> <p>375200 MODIFIED BITUMINOUS PROTECTED MEMBRANE ROOFING</p> <p>376200 SHEET METAL FLASHING AND TRIM</p> <p>377200 ROOF ACCESSORIES</p> <p>378413 PENETRATION STOPPING</p> <p>378443 JOINT FIRESTOPPING</p> <p>379200 JOINT SEALANTS</p> <p>DIVISION 38 - OPENINGS</p> <p>381113 HOLLOW METAL DOORS AND FRAMES</p> <p>381415 FLUSH WOOD DOORS</p> <p>383113 ACCESS DOORS AND FRAMES</p> <p>384113 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS</p> <p>387100 DOOR HARDWARE</p> <p>388000 GLAZING</p> <p>388113 DECORATIVE GLASS GLAZING</p> <p>388300 MIRRORS</p> <p>DIVISION 39 - FINISHES</p> <p>392215 NON-STRUCTURAL METAL FRAMING</p> <p>392400 CEMENT PLASTERING</p> <p>392500 GYPSUM BOARD</p> <p>393013 CERAMIC TILING</p> <p>395113 ADJUSTABLE PANEL CEILINGS</p> <p>395115 RESILIENT BASE AND ACCESSORIES</p> <p>395119 RESILIENT TILE FLOORING</p> <p>396813 TILE CARPETING</p> <p>397200 WALL COVERINGS</p> <p>399123 INTERIOR PAINTING</p> <p>399600 HIGH-PERFORMANCE COATINGS</p> |
| | <p>CMU</p> | | | | | | <p>DIVISION 33 - CONCRETE</p> <p>330300 HOT WEATHER CONCRETING</p> <p>330300 CONCRETE FORMING AND ACCESSORIES</p> <p>330200 CONCRETE REINFORCING</p> <p>330300 CAST-IN-PLACE CONCRETE</p> <p>333115 LIGHTWEIGHT CONCRETE</p> <p>333400 CONCRETE FINISHING SYSTEMS</p> <p>DIVISION 34 - MASONRY</p> <p>340200 MASONRY MORTARING AND GROUTING</p> <p>340201 UNIT MASONRY</p> <p>344311 ADHERED STONE MASONRY VENEER</p> <p>347200 CAST STONE MASONRY</p> <p>DIVISION 35 - METALS</p> <p>350200 STRUCTURAL STEEL FRAMING</p> <p>350210 STEEL JOIST FRAMING</p> <p>350320 STEEL ROOF DECKING</p> <p>350313 STEEL FLOOR DECKING</p> <p>350400 COLD-FORMED METAL FRAMING</p> <p>350500 METAL FABRICATIONS</p> <p>350513 METAL PAN STAIRS</p> <p>350513 PIPE AND TUBE RAILINGS</p> <p>350700 DECORATIVE METAL STAIRS</p> <p>DIVISION 36 - WOOD, PLASTICS, AND COMPOSITES</p> <p>361000 MISCELLANEOUS ROUGH CARPENTRY</p> <p>361030 SHEATHING</p> <p>365200 INTERIOR FINISH CARPENTRY</p> <p>367413 FIBERGLASS REINFORCED GRATINGS</p> <p>DIVISION 37 - THERMAL AND MOISTURE PROTECTION</p> <p>371615 CRYSTALLINE WATERPROOFING</p> <p>372100 THERMAL INSULATION</p> <p>372419 WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (E/FS)</p> <p>372500 WEATHER BARRIERS</p> <p>374213 METAL COMPOSITE MATERIAL WALL PANELS</p> <p>375200 MODIFIED BITUMINOUS PROTECTED MEMBRANE ROOFING</p> <p>376200 SHEET METAL FLASHING AND TRIM</p> <p>377200 ROOF ACCESSORIES</p> <p>378413 PENETRATION STOPPING</p> <p>378443 JOINT FIRESTOPPING</p> <p>379200 JOINT SEALANTS</p> <p>DIVISION 38 - OPENINGS</p> <p>381113 HOLLOW METAL DOORS AND FRAMES</p> <p>381415 FLUSH WOOD DOORS</p> <p>383113 ACCESS DOORS AND FRAMES</p> <p>384113 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS</p> <p>387100 DOOR HARDWARE</p> <p>388000 GLAZING</p> <p>388113 DECORATIVE GLASS GLAZING</p> <p>388300 MIRRORS</p> <p>DIVISION 39 - FINISHES</p> <p>392215 NON-STRUCTURAL METAL FRAMING</p> <p>392400 CEMENT PLASTERING</p> <p>392500 GYPSUM BOARD</p> <p>393013 CERAMIC TILING</p> <p>395113 ADJUSTABLE PANEL CEILINGS</p> <p>395115 RESILIENT BASE AND ACCESSORIES</p> <p>395119 RESILIENT TILE FLOORING</p> <p>396813 TILE CARPETING</p> <p>397200 WALL COVERINGS</p> <p>399123 INTERIOR PAINTING</p> <p>399600 HIGH-PERFORMANCE COATINGS</p> |
| | <p>EIFS Veneer</p> | | | | | | <p>DIVISION 40 - SPECIALTIES</p> <p>401100 VISUAL DISPLAY UNITS</p> <p>401415 PLAQUES</p> <p>401419 DIMENSIONAL LETTER SIGNAGE</p> <p>402119 PLASTIC TOILET COMPARTMENTS</p> <p>402123 CURTAIN TRACKS AND TRACK</p> <p>402200 TOILET, BATH, AND LAUNDRY ACCESSORIES</p> <p>404413 FIRE PROTECTION CABINETS</p> <p>404415 FIRE EXTINGUISHERS</p> <p>405123 PLASTIC-LAMINATE GLASS LOCKERS</p> <p>405320 CHAIRS AND SUNSHEDS</p> <p>407515 GROUND-SET FLAGPOLES</p> |
| | <p>Stone Veneer/Concrete Tilt Wall</p> | | | | | | <p>DIVISION 41 - EQUIPMENT</p> <p>411000 RESIDENTIAL APPLIANCES</p> <p>413000 LABORATORY FUME HOODS</p> <p>Facility Services Subgroup</p> <p>DIVISION 21 - FIRE SUPPRESSION</p> <p>(SECTIONS T B D)</p> <p>DIVISION 22 - PLUMBING</p> <p>220100 BASIC PLUMBING REQUIREMENTS</p> <p>220200 PLUMBING SUBMITTAL PROCEDURES</p> <p>220300 VALVES - GENERAL</p> <p>220400 PIPE AND PIPE FITTINGS - GENERAL</p> <p>220500 PLUMBING IDENTIFICATION</p> <p>220600 PIPING INSULATION</p> <p>221100 DOMESTIC WATER PIPING & APPURTENANCES</p> <p>221200 ROOF DRAINAGE AND APPURTENANCES</p> <p>221300 NATURAL GAS PIPING AND APPURTENANCES</p> <p>223300 ACCESS DOORS</p> <p>224000 PLUMBING FIXTURES AND FIXTURE CARRIERS</p> <p>DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)</p> <p>230100 BASIC MECHANICAL REQUIREMENTS</p> <p>230200 ROOF CURBS</p> <p>230300 SPLIT ON DEVICES</p> <p>230500 MECHANICAL IDENTIFICATION</p> <p>230700 DUCT AND GRILLE INSULATION</p> <p>230701 REFRIGERANT PIPING INSULATION</p> <p>230501 AIR AND WATER BALANCE & SYSTEM TESTING</p> <p>230600 ENERGY MANAGEMENT CONTROL SYSTEM (EMCS)</p> <p>232300 REFRIGERANT PIPING</p> <p>233100 DUCTWORK</p> <p>233300 ACCESS DOORS</p> <p>233400 HVAC FANS</p> <p>233700 AIR DISTRIBUTION DEVICES</p> <p>235400 ELECTRIC UNIT HEATERS</p> <p>238100 VARIABLE REFRIGERANT FLOW HVAC SYSTEM</p> <p>DIVISION 24 - ELECTRICAL</p> <p>240000 ELECTRICAL</p> <p>240300 WARRANTY PERIOD</p> <p>240300 ELECTRICAL SUBMITTAL PROCEDURES</p> <p>240500 ELECTRICAL DEMOLITION</p> <p>240500 LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES</p> <p>240510 MC CABLE</p> <p>240520 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS</p> <p>240530 RACEWAYS AND CONDUITS FOR ELECTRICAL SYSTEMS</p> <p>240533 BOXES AND FITTINGS FOR ELECTRICAL SYSTEMS</p> <p>240540 APPROVISIONS FOR COMMUNICATION, SECURITY & SAFETY SYSTEMS</p> <p>240550 IDENTIFICATION FOR ELECTRICAL SYSTEMS</p> <p>240600 TESTING OF ELECTRICAL SYSTEM</p> <p>240610 ELECTRICAL POWER MONITORING AND CONTROL</p> <p>240616 TIME SWITCHES</p> <p>240620 CONTRACTORS</p> <p>240623 LIGHTING CONTROLS</p> <p>242100 LOW VOLTAGE ELECTRICAL SERVICE ENTRANCE</p> <p>242200 LOW VOLTAGE DISTRIBUTION TRANSFORMERS</p> <p>242400 PANELBOARDS FOR DISTRIBUTION SWITCHGEAR</p> <p>242700 WIRING DEVICES</p> <p>242800 WIRES</p> <p>242816 ENCLOSED SAFETY SWITCHES AND CIRCUIT BREAKERS</p> <p>242819 GROUND FAULT PROTECTION ON SYSTEM</p> <p>244300 SURGE PROTECTIVE DEVICES (SPD)</p> <p>245000 LIGHTING</p> <p>245023 AREA LIGHTING</p> <p>248200 ELECTRICAL HAND DRYERS</p> <p>DIVISION 27 - COMMUNICATIONS</p> <p>270500 GENERAL COMMUNICATION SYSTEMS REQUIREMENTS</p> <p>271400 INTERCOM COMMUNICATION SYSTEM</p> <p>274123 AUDIO-VIDEO ACCESSORIES</p> <p>DIVISION 28 - ELECTRONIC SAFETY AND SECURITY</p> <p>280500 GENERAL FIRE ALARM SYSTEM REQUIREMENTS</p> <p>283121 FIRE DETECTION AND ALARM SYSTEM</p> <p>END OF TABLE OF CONTENTS</p> |
| | <p>Existing /Misc.</p> | | | | | | <p>Key Plan</p> <p>NTS</p> <p>Sheet Title: Wall Types & Specification T.O.C.</p> <p>G102</p> |





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 4/26/2016 5:46:06 PM

A1 Site Demolition Plan
1/16" = 1'-0"

- Site Demolition General Notes**
- Contractor Shall Obtain Necessary Plans Existing or Proposed Utilities Prior to Construction. Any Damage Caused by Contractor Shall Be Replaced at The Contractor's Expense. Refer to Civil for Existing Survey.
 - All Street Work Within The Public Right-of-Way Shall Conform to Harris County Standard Details. Adjacent Sidewalks Shall Also Conform. Contractor Shall Be Responsible for Obtaining Any Necessary Permits Before Working Within The Street Right of Way. Ref. Civil Drawings.
 - Replace/Repair All Existing Sidewalks and Paving To Remain That Are Damaged Due to Construction.
 - Protect All Planting to Remain from Damage Due to Construction. Coordinate with Owner.
 - All Areas of Construction Shall Be Fenced and Secured Throughout The Project During Construction. The Contractor Shall Verify The Extent of Fencing Required Due to Staging Areas, Job Site Trailer Locations, etc. Refer to Phasing Plan.
 - Reference Civil & MEP Documents for Additional Hardscape Sewer/vent, Earth Removal, Trenching, and Relocation and/or Demolition of Existing Utilities Above and Below the Ground.
 - Protect Existing Playground Equipment, Fencing, Docks, Truss and Planting to remain during Construction.
 - Demolition Contractor to Visit Site to Verify Quantity & Scope of Demolition Work Prior to Pricing of Work. All Items Specifically Keynoted Are Included in the Scope. However, the Scope is not Limited Only to Items Specifically Keynoted. Demolition Contractor to Verify Quantities & Scope of All Demolition Work Prior to Pricing Proposals For All Work in "Construction Area".
 - Refer to Survey and Geotech for Additional Information.

- Legend Demo**
- = No Work Area (Provide Construction Barricades)
 - = P1 Summer 2016 - Abate & Demo Junior High School, Day Care
Start : Summer 2016, After School
End : August 2016 One Week Prior to School starting
• Owner to Relocate Classrooms
• Asbestos & Abatement
• Demolition
 - = P3 Summer 2017 - Selective Demo on Main Bldg. & Art Lab
Start : May 2017, After School, As soon as Possible
End : August 2017, One Week Prior to School starting
 - Old Main Building:**
 - Asbestos & Abatement
 - Selective Demo
 - Art Lab:**
 - Asbestos & Abatement
 - Selective Demo
 - = P4 Summer 2017 - Remove / relocate Pastoral Center
Start : Fall 2017, After School, As soon as Possible
End : Fall 2017, As soon as Possible
• Asbestos
• Abate
• Demo or Relocate Pastoral Center Building
 - = Existing Side Walk to be Removed



Consultants:
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 Westjohn Engineering, Inc.
 Columbus, TX 78531
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STRUCTURAL:
 Manlyhale Engineering, Inc.
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MEP:
 EMA
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Issue Date: 04/26/16



Preliminary Review Drawings (not for construction)

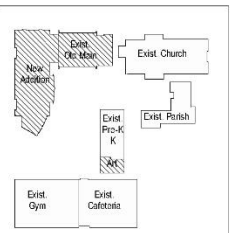


Saint Anthony School
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| Project No. | #15-08 |
| Date | Issue Date |
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| Checked by | Checker |
| Scale | As indicated |

Revisions:

| No. | Description | Date |
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Key Plan
 NORTH
 NTS

Sheet Title:
Site Demolition

A010

Project Documents | Salvageable Items

General Notes

Possible Salvageable Items for Museum

- Cross from Jr. High
- Reclaimed Wood from Jr. High
- Doors from Jr. High for Community Meeting
- Concrete Caps
- After School Siding
- School signs and any other signs
- Iron Work from Jr. High Windows and two complete window units with iron work

Possible Ideas for Museum

- Church Items
- Class Pictures
- Other Pictures
- Items from Attic/Storage
- Iron Work from Jr. High exterior Windows

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Preliminary Review Drawings (not for construction)

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DD Cost Set Update
04/01/16

Sheet Title:
Salvageable Items

Jr. High Library Ceiling to be Removed and Stored for Use or New Building and Re-orientation APPROXIMATELY 1,930 SQ FT

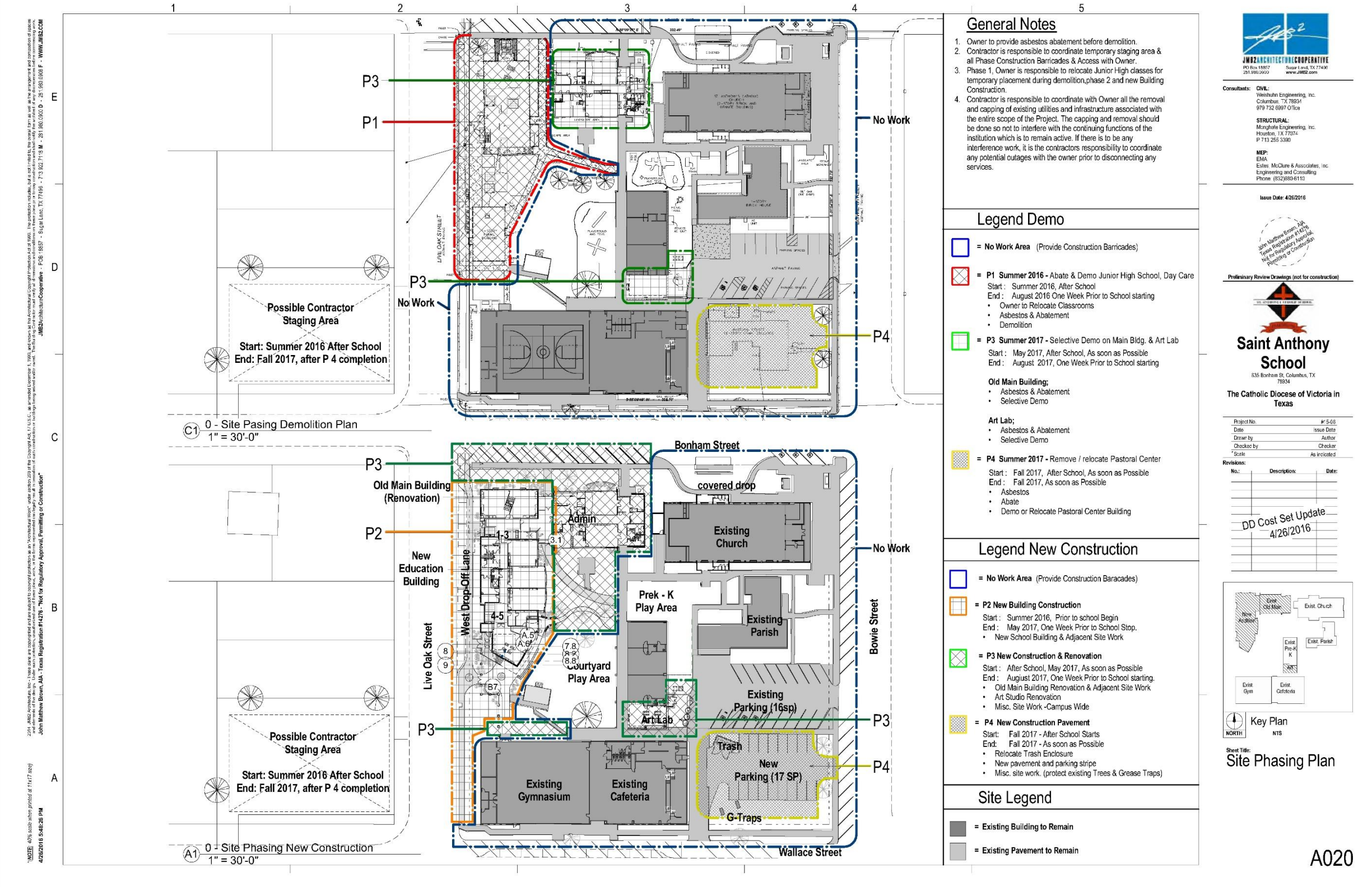
Jr. High Exterior Window and Iron Work. Save two complete Window Units with Iron Work

Day Care Exterior Siding to be Reclaimed and used in the Interior of New Building and Renovation (interior)

All Appliances to be Salvaged and Re-Used in New Building and Renovation.

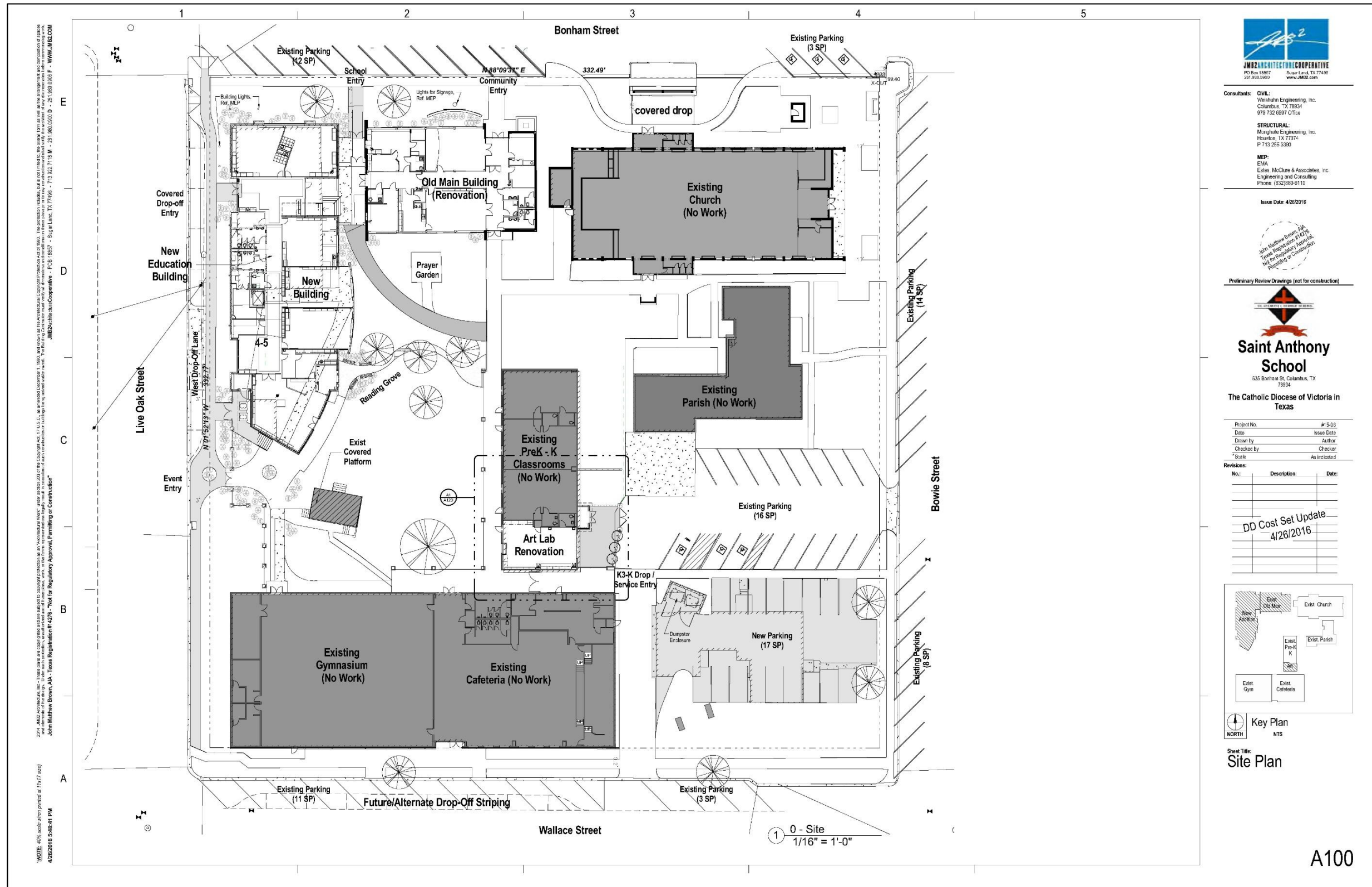


New 21st Century School | St. Anthony Catholic School



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Project Documents | Site Plan



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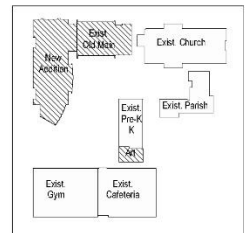


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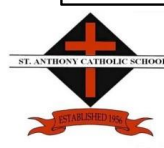
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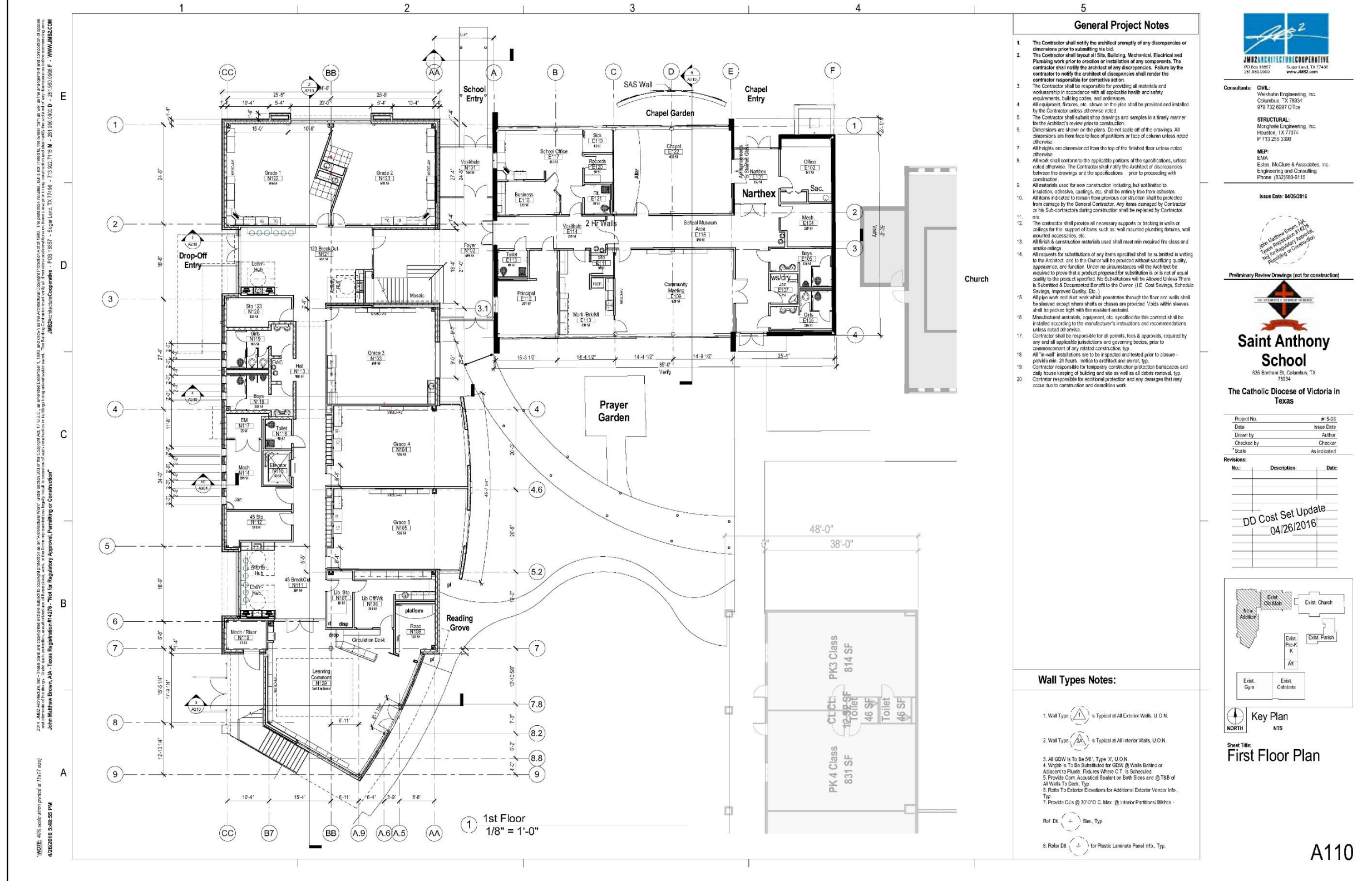
Key Plan
 NORTH
 NTS

Sheet Title:
Site Plan

A100



New 21st Century School | St. Anthony Catholic School



General Project Notes

- The Contractor shall notify the architect promptly of any discrepancies or dimensions prior to submitting his bid.
- The Contractor shall layout all Site, Building, Mechanical, Electrical and Plumbing work prior to creation or installation of any components. The contractor shall notify the architect of any discrepancies. Failure by the contractor to notify the architect of discrepancies shall render the contractor responsible for corrective action.
- The Contractor shall be responsible for providing all materials and workmanship in accordance with all applicable health and safety requirements, building codes, and ordinances.
- All equipment, fixtures, etc. shown on the plan shall be provided and installed by the Contractor unless otherwise noted.
- The Contractor shall submit shop drawings and samples in a timely manner for the Architect's review prior to construction.
- Dimensions are shown on the plans. Do not scale off of the drawings. All dimensions are from face to face of partitions or face of column unless noted otherwise.
- All heights are dimensioned from the top of the finished floor unless noted otherwise.
- All work shall conform to the applicable portions of the specifications, unless noted otherwise. The Contractor shall notify the Architect of discrepancies between the drawings and the specifications prior to proceeding with construction.
- All materials used for new construction including, but not limited to insulation, adhesive, coatings, etc., shall be entirely free from asbestos.
- All items indicated to remain from previous construction shall be protected from damage by the General Contractor. Any items damaged by Contractor or his Sub-contractors during construction shall be replaced by Contractor.
- All materials used for new construction including, but not limited to insulation, adhesive, coatings, etc., shall be entirely free from asbestos.
- All items indicated to remain from previous construction shall be protected from damage by the General Contractor. Any items damaged by Contractor or his Sub-contractors during construction shall be replaced by Contractor.
- The contractor shall provide all necessary supports or backing in walls or ceilings for the support of items such as: wall mounted plumbing fixtures, wall mounted accessories, etc.
- All finish and construction materials used shall meet minimum required fire class and smoke ratings.
- All requests for substitutions of any items specified shall be submitted in writing to the Architect and to the Owner and will be provided without sacrificing quality, appearance, or function. Under no circumstances will the Architect be required to prove that a product proposed for substitution is or is not of equal quality to the product specified. No Substitutions will be Allowed Unless There is Submitted & Documented Bond to the Owner. (I.E. Cost Savings, Schedule Savings, Improved Quality, Etc.)
- All pipe work and duct work which penetrates through the floor and walls shall be sleeveless except where shafts or chases are provided. Voids within sleeves shall be packed tight with fire resistant material.
- Manufactured materials, equipment, etc. specified for this contract shall be installed according to the manufacturer's instructions and recommendations unless noted otherwise.
- Contractor shall be responsible for all permits, fees & approvals, required by any and all applicable jurisdictions and governing bodies, prior to commencement of any related construction, type.
- All fire-wall penetrations are to be inspected and tested prior to closure - provides min. 24 hours notice to architect and owner, type.
- Contractor responsible for temporary construction protection barricades and daily house keeping of building and site as well as all debris removal, type.
- Contractor responsible for accidental practices and any damages that may occur due to construction and demolition work.

Wall Types Notes:

- Wall Type is Typical at All Exterior Walls, U.O.N.
- Wall Type is Typical at All Interior Walls, U.O.N.
- All GDW is To Be 5/8" Type 'X' U.O.N.
- Walls To Be Substituted for GDW @ Walls Behind or Adjacent to Plumb. Fixtures Where C.T. is Scheduled.
- Provide Cont. Acoustical Sealant on Both Sides @ T&B of All Walls To Deck, Typ.
- Refer To Exterior Elevations for Additional Exterior Veneer Info, Typ.
- Provide C.J.s @ 32'-0" C. Max. @ Interior Partitions/Bkhrs -

Ref. DL Slim, Typ.

Ref. DL For Plastic Laminate Panel info, Typ.

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 Project Architect
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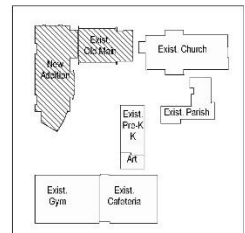
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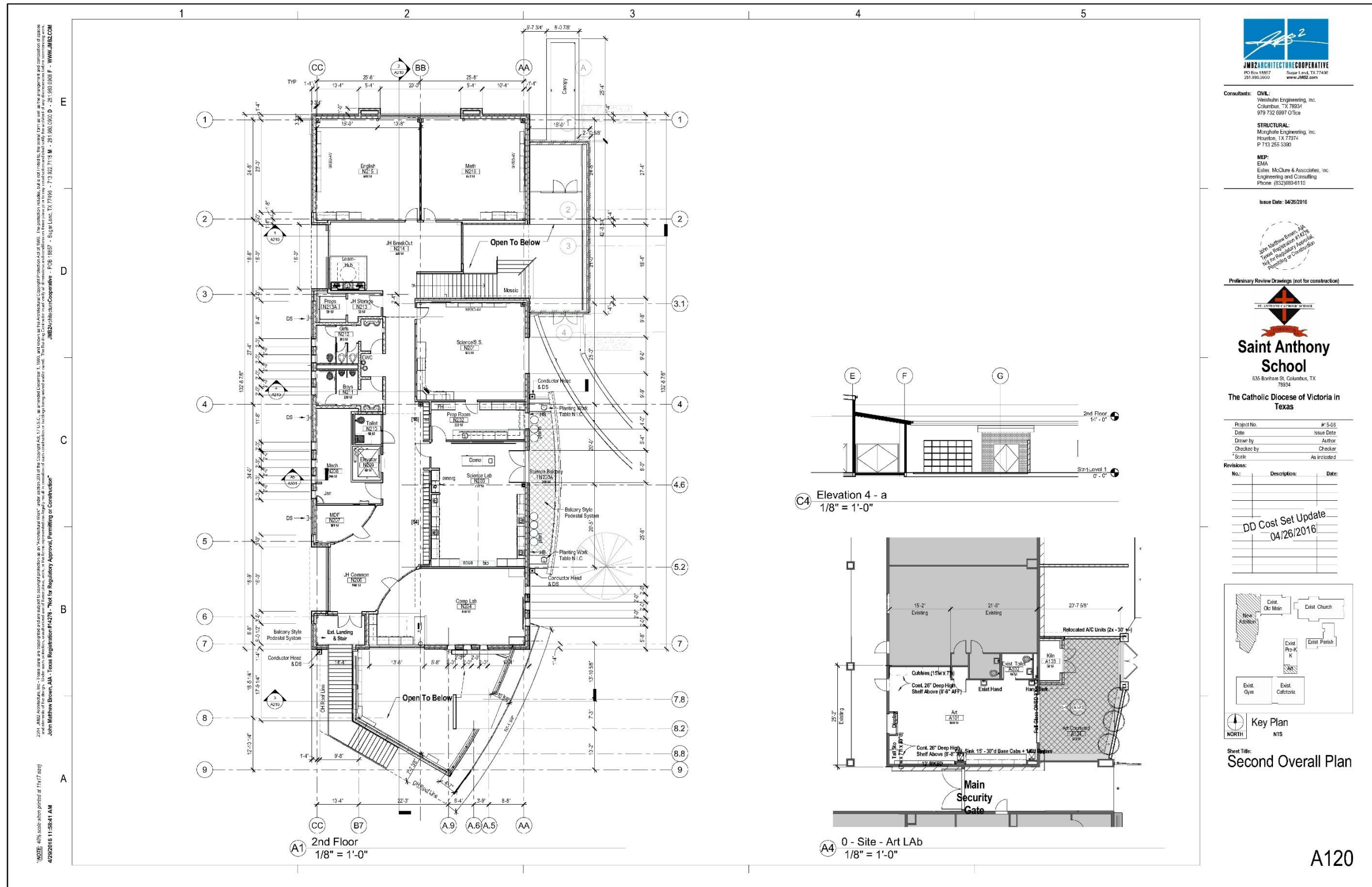
Key Plan
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 NTS

Sheet Title:
First Floor Plan

A110



Project Documents | Second Floor Plan



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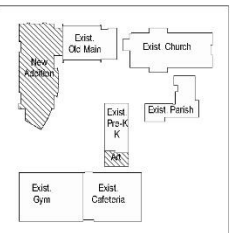


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DD Cost Set Update
 04/26/2016



Key Plan
 NTS

Sheet Title:
 Second Overall Plan

A120



New 21st Century School | St. Anthony Catholic School

Project Documents | Exterior Elevations

1
2
3
4
5

Elevation General Notes

- M. Locations (CMU)
 - 4'-0" from Outside Corner at CMU Backed Walls, U.O.N.
 - Equally Space All O.P.s on Masonry Dimensions w/ Spans not to Exceed 22'-0" C.C., TYP.
- M. Locations (CFMF)
 - 2'-6" from Outside Corner at CFMF Backed Wall, U.O.N.
 - Equally Space All O.P.s on Masonry Dimensions w/ Spans not to Exceed 22'-0" C.C., TYP.
- Refer to Show A500 for Additional Exterior Finishes & Finish Notes, TYP.
- Refer to Roof Plan, for Downspout Gutter E.J. & Sopper Locations.
- Cont. Masonry Accent Schemes at All Ext. Walls, including at Entrances, Columns and Walks Not Show on Elevation, TYP.

Issue Date: 04/26/2016

John Matthew Brown, AIA, P.E.
Professional Engineer #14274
Not for Regulatory Approval,
Permitting or Construction

Preliminary Review Drawings (not for construction)

| | |
|-------------|--------------|
| Project No. | #15-08 |
| Date | Issue Date |
| Drawn by | Author |
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| Scale | As indicated |

DD Cost Set Update
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Key Plan
NTS

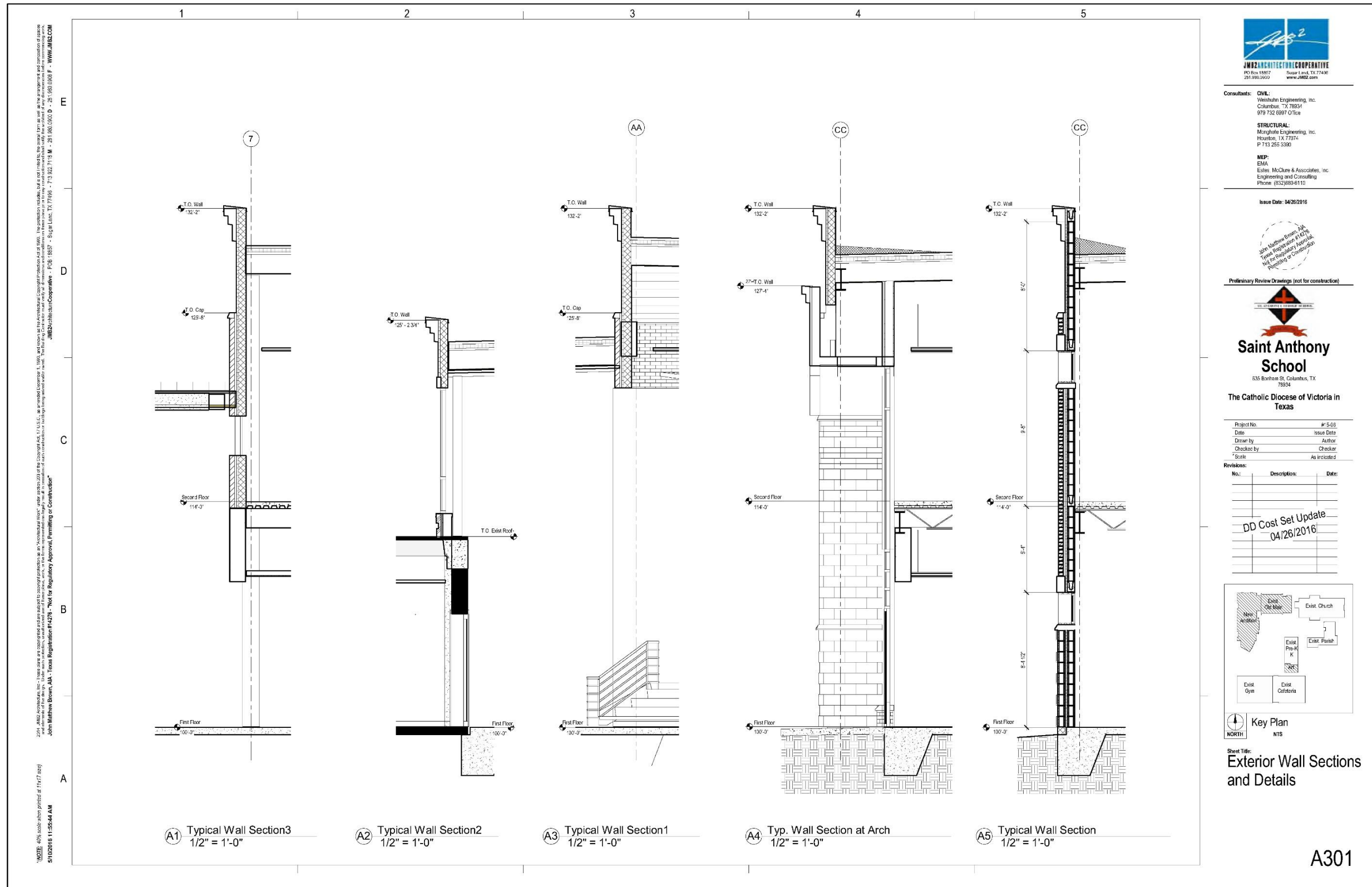
Sheet Title:
Exterior Elevations

A200



New 21st Century School | St. Anthony Catholic School

Project Documents | Exterior Wall Sections and Details



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Preliminary Review Drawings (not for construction)

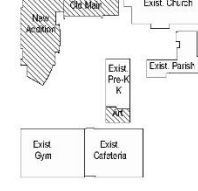


Saint Anthony School
 535 Bonham St., Columbus, TX 78534
 The Catholic Diocese of Victoria in Texas

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DD Cost Set Update
04/26/2016



Key Plan
 NORTH
 NTS

Sheet Title:
 Exterior Wall Sections
 and Details

A301



New 21st Century School | St. Anthony Catholic School

Project Documents | Second Floor Overall RCP

1
2
3
4
5

F
D
C
B
A

1 2nd Floor
 1/8" = 1'-0"

2 0 - Site - Art Lab RCP
 1/8" = 1'-0"

Exterior Building Lighting
Ground Spot Lights

TBD Wall Sign Lights
Wall Mounted School Event Sign Lights
24" straight Arm bracket, PID Black TBD

Option 1
Option 2

Typical Exterior Wall
Pick Option 1 and 2
Option 1 along Live Oak

SolaTube
Alternate 1: SolaTube in the hallway/Break Out at Level 2
Alternate 2: SolaTube in Level 2 Classrooms.

Lighting Callouts:
 Exterior Recessed lights
 Reclaimed Wood Ceiling
 Light Covers
 APC Cloud W/ Open Surround
 Suspended Tube Lights
 6" Ceiling Linear Lights At first and Second Floor Break out Areas.
 Pendant Ceiling lights
 10" Tray suspended Lights
 Wood Panel Ceiling
 Gyp Board BK Hd
 PCP Soft

Ceiling Types Legend

- APCI - 2' x 2' Acoustical Panel Ceiling (9'-4" U.O.N. @ Classrooms) (1'-0" U.O.N. @ Common Areas)
- Gypsum Board Ceiling (9'-4" U.O.N.)
- PCP Ceiling (9'-4" U.O.N.)
- Exposed to Structure
- GDW Bulkhead (9'-0" U.O.N.)
- Special Acoustic Panel
- Reclaimed Wood Ceiling

General RCP Plan Notes

1. All Bulkheads Shall be Constructed as Follows: 5/8" GYP BD Over 3/8" SSI Stud Framing at 11" O.C. W/ 3/8" SSI Stud Braces, Staggered, at 48" O.C. U.O.N. Anchor Framing To Stud Above W/ Cont. 18GA Runner Track Mech Attached to 3" X 3" X 1/2" Bent Plate, Mech Attached To SSI Structure, TYP. Provide Cont. 3" X 3" X 1/2" SSI Mech Corner Angles and Corner Braces at All Exposed Outside Corners and Cont SSI Studs at Framing Intersections, TYP. Cont 5/8" GYP BD 8" Above Adjacent APC, Where Occurs, and Cont Bulkhead 4" Below APC, Where Occurs, U.O.N.
2. All Vertical Sides of GYP BD Bulkheads, Shall Be Offset Back, 2" from Adjacent, Perpendicular Surface Edges at CMU and To Align with Adj GYP BD Walls, U.O.N.
3. All GYP BD Bulkhead Widths, Shall Be No Less Than 4" Wide U.O.N.
4. All GYP BD Bulkhead Bottom Elevations, Shall Be No Less Than 4" Below Scheduled APC Elevations, U.O.N.
5. Align Control Joints (CJs) with Walls and Edges of Col Wraps at Ext PCP Softs, U.O.N.
6. Provide Metal Access Panels in Gyp Bd Ceilings as Required to Access Equipment Above, Paint to Match Ceiling.
7. Refer to MEP Documents and Coordinate The Locations of Lights, Diffusers, etc. Bring Any Conflicts To The Attention of The Architect.
8. All Exposed Structure, including But Not Limited to All Beams, All Columns, and All Misc. Steel Supports, To Be EX2 TYP. Entire Service Area, including Mezzanine and All Exterior Canopies.
9. Not Used
10. In Square or Rectangular Rooms, Center APC Both Ways, TYP
11. Undesignated Bulkheads To Be P2 at All Surfaces, U.O.N.

Bulkhead Construction Notes

All Bulkheads Shall be Constructed as Follows: 5/8" GYP BD Over 3/8" SSI Stud Framing at 11" O.C. W/ 3/8" SSI Stud Braces, Staggered, at 48" O.C. U.O.N. Anchor Framing To Stud Above W/ Cont. 18GA Runner Track Mech Attached to 3" X 3" X 1/2" Bent Plate, Mech Attached To SSI Structure, TYP. Provide Cont. 3" X 3" X 1/2" SSI Mech Corner Angles and Corner Braces at All Exposed Outside Corners and Cont SSI Studs at Framing Intersections, TYP. Cont 5/8" GYP BD 8" Above Adjacent APC, Where Occurs, and Cont Bulkhead 4" Below APC, Where Occurs, U.O.N.

Note:
1. Please Refer to sheet A620 for Ceiling Details

Key Plan
NTS

Sheet Title:
Second Floor Overall Reflected Ceiling Plan

A621

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Preliminary Review Drawings (not for construction)

Saint Anthony School
 835 Bonham St, Columbus, TX 78934
 The Catholic Diocese of Victoria in Texas

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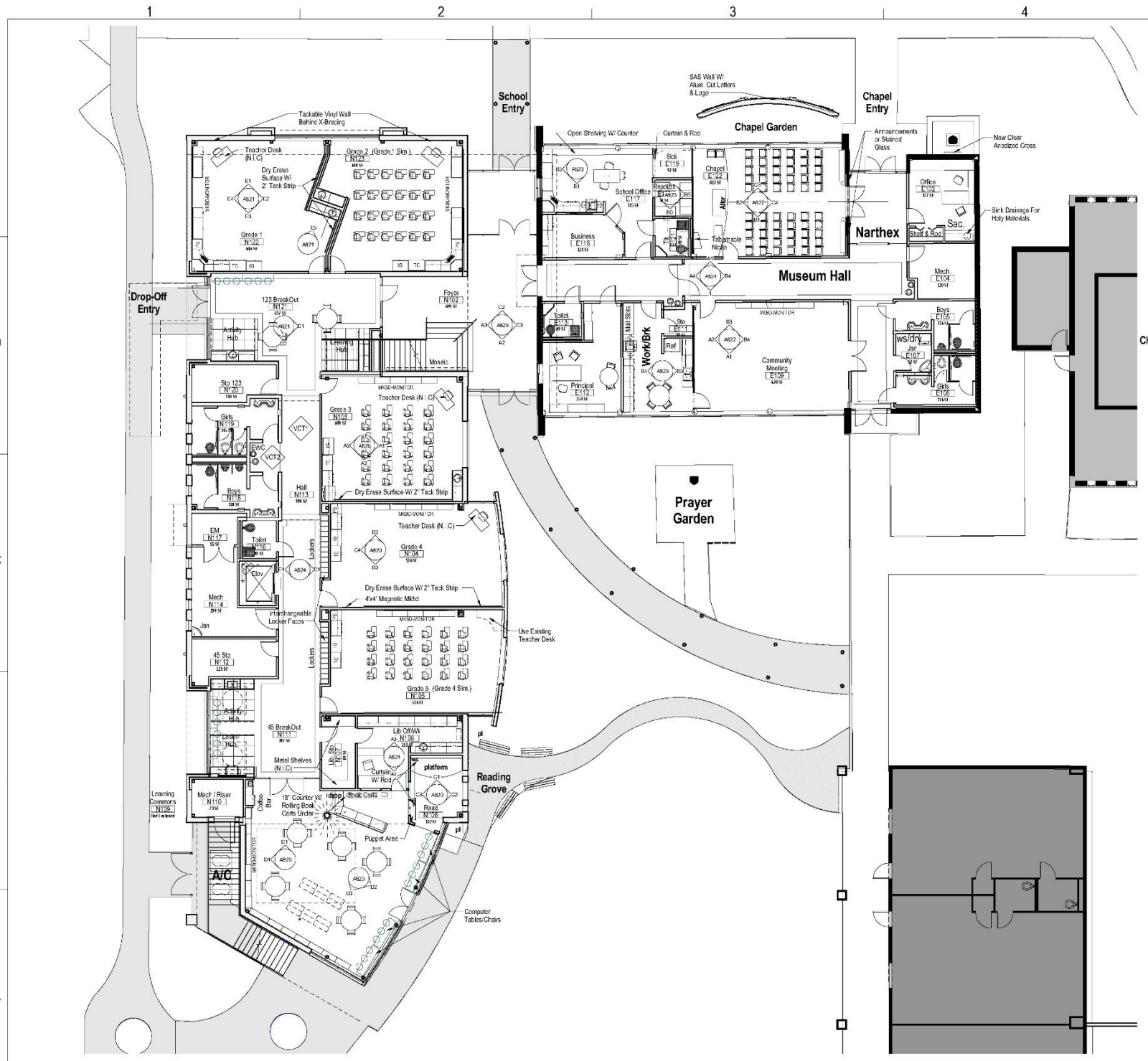
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DD Cost Set Update
04/26/2016

Project Documents | First Floor FFE Plan

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A1 1st Floor
1/8" = 1'-0"

General Finish Notes

- All Architectural Joints to be 1/8" x 1/2". Verify Joint Plan with Architect Prior to Installation
- All Architectural Joints to be Continuous to Walls. Align W/F.C. Finish Surfaces, Typ. (E Wall Corners, Column Bumpouts)
- GC To Coordinate All Blocking for FFE
- All Teacher Cabinets to Be Lockable
- Watch for All 2" Tack Strips
- Level 5 Gyp. Finish At All Dry Enso Surface Walls
- Fofoa Soft Hearing Rubber Tackable Surface

FFE (Owner Furnished Items)

- Typical Classrooms:
- Student Desks
 - Teacher Desk/Chair
 - Interactive Monitors
- Breakout Spaces:
- Student Tables/Desks/Chairs
 - Hard Copy Carts
- Science Lab/Prep Rm:
- Patting Bench/Planting Shelves
 - Movable Fume Hood
 - Interactive Monitor
 - Aquarium/Terrarium
- Props Storage:
- Storage Bins
- Art Lab:
- Tables/Chairs
 - Interactive Monitor
- Kitchen:
- Metal Shelves
 - Electric Kitchens
- Learning Commons/Library Office/WR:
- All Movable Library Furniture (including But Not Limited To Book Carts, Movable Furniture/Benches, Chairs, Tables, Consoles)
 - Computer Desks/Chairs
 - Rolling Cubble Carts
 - Metal Shelves in Library Storage
- Computer Lab:
- Tables/Chairs
 - Interactive/TV Monitors
- School Office/Records/Business:
- File Cabinets
 - Printers/Copiers
 - Chairs/Tables
- Principal:
- Lateral Files
 - Table/Desk/Chairs
- Work/Break:
- Appliances (D/W, M/W, Coffee Maker)
 - Table/Chairs
 - Printer
- Office:
- Table/Chairs
- Chapel:
- Altar Pedium
 - Chairs/Pews
- Other:
- All Appliances



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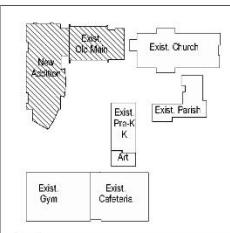
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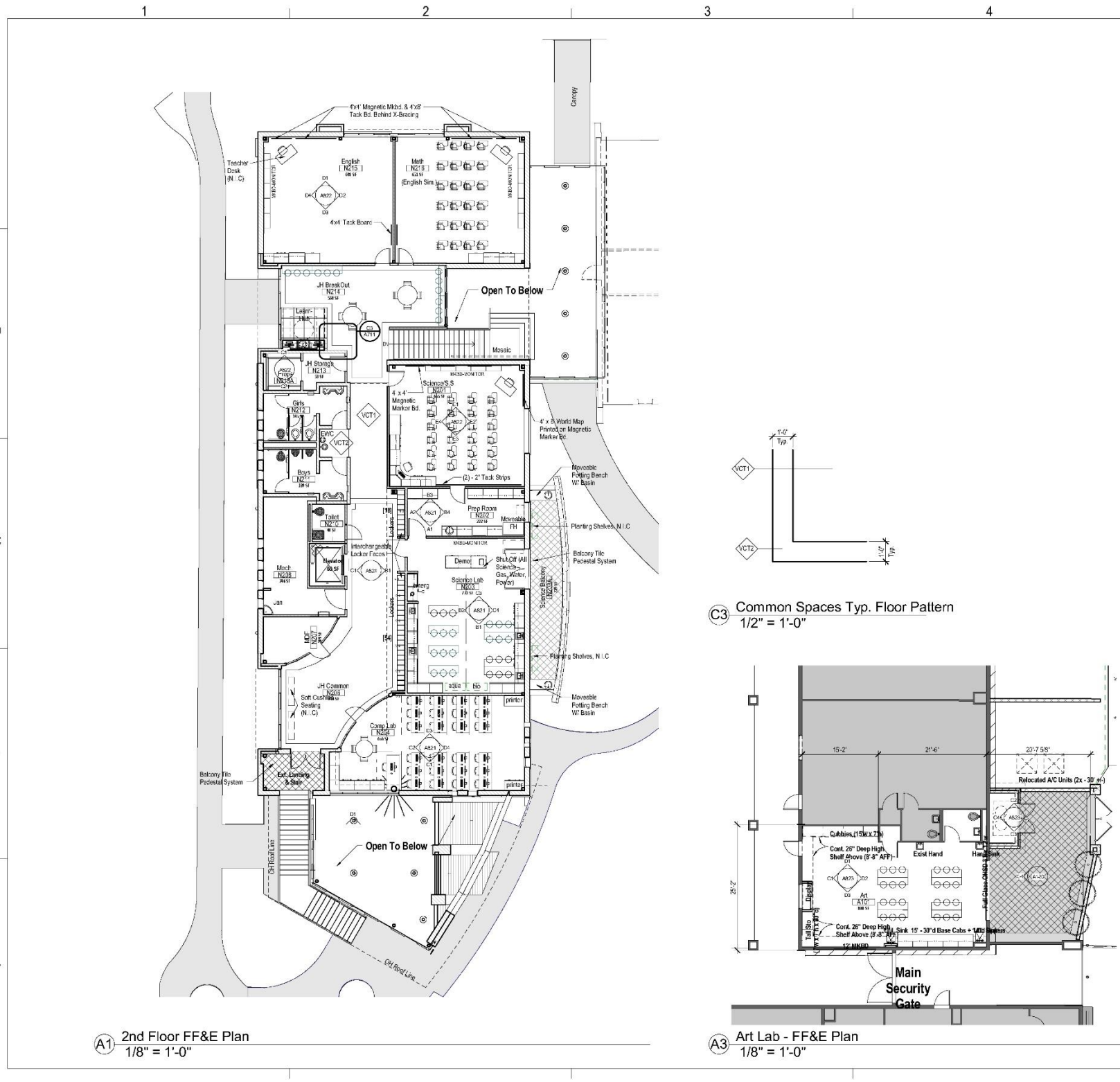
Key Plan
NORTH
NTS

Sheet Title:
First Floor FFE Plan

A710

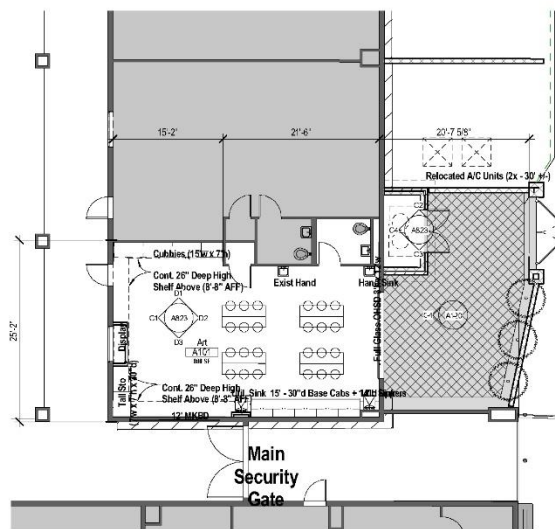
Project Documents | Second Floor FFE Plan

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A1 2nd Floor FF&E Plan
1/8" = 1'-0"

C3 Common Spaces Typ. Floor Pattern
1/2" = 1'-0"



A3 Art Lab - FF&E Plan
1/8" = 1'-0"

General Finish Notes

- 1 All Architectural Joints to be 1/8" x 1/2". Verify Joint Plan with Architect Prior to Installation
- 2 All Architectural Joints to be Continuous to Walls. Align W/F.C. Finish Surfaces, Typ. (E Wall Corners, Column Bumpouts)
- 3 GC To Coordinate All Blocking for FFE.
- 4 All Teacher Cabinets to Be Lockable
- 5 Watch for All 2" Tack Strips
- 6 Level 5 Gyp. Finish At All Dry Enso Surface Walls
- 7 Forbo Soft Healing Rubber Tackable Surface

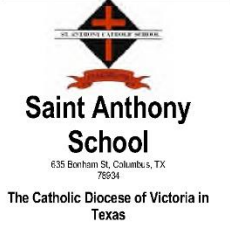
FFE (Owner Furnished Items)

- Typical Classrooms**
- 1 Student Desks
 - 2 Teacher Desk/Chair
 - 3 Interactive Monitors
- Breakout Spaces**
- 1 Student Tables/Desks/Chairs
 - 2 Hard Copy Carts
- Science Lab/Prep Rm**
- 1 Panning Bench/Planting Shelves
 - 2 Movable Fume Hood
 - 3 Interactive Monitor
 - 4 Aquarium/Terrarium
- Props Storage**
- 1 Storage Bins
- Art Lab**
- 1 Tables/Chairs
 - 2 Interactive Monitor
- Kin**
- 1 Metal Shelves
 - 2 Electric Kins
- Learning Commons/Library Office/Wk**
- 1 All Movable Library Furniture (including but not limited to Book Carts, Movable Furniture/Benches, Chairs, Tables, Consoles)
 - 2 Computer Desks/Chairs
 - 3 Rolling Cubble Carts
 - 4 Metal Shelves in Library Storage
- Computer Lab**
- 1 Tables/Chairs
 - 2 Interactive/TV Monitors
- School Office/Records/Business**
- 1 File Cabinets
 - 2 Printers/Copiers
 - 3 Chairs/Tables
- Principal**
- 1 Lateral Files
 - 2 Table/Desk/Chairs
- Work/Break**
- 1 Appliances (D/W, M/W, Coffee Maker)
 - 2 Table/Chairs
 - 3 Printer
- Office**
- 1 Table/Chairs
- Chapel**
- 1 Altar Pedium
 - 2 Chairs/Pews
- Other**
- 1 All Appliances



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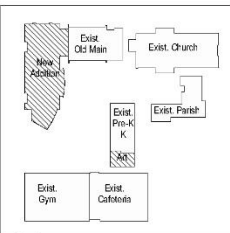


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DD Cost Set Update
04/26/2016



Key Plan
NTS

Sheet Title:
Second Floor FFE Plan

A711



New 21st Century School | St. Anthony Catholic School

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| Materials and Finishes Schedule | | | | | | | |
|---------------------------------|--|--------------------------------------|------------------------|----------|-------------------------|--|---|
| Mark | Material | Manufacturer | Style | MFR. No. | Color | Remarks | Location |
| P1 | Paint | Sherrill-Williams (or equal) | Int. | SW 6203 | 'Spartan White' | Field 1 | See Room Finish Schedule Sheet A807 for all locations |
| P2 | Paint | Sherrill-Williams (or equal) | Int. | SW6271 | 'Bistro Blue' | Field | See Room Finish Schedule Sheet A807 for all locations |
| P3 | Paint | Sherrill-Williams (or equal) | Int. | SW 6773 | 'Rapture Blue' | Accent 1 | See Room Finish Schedule Sheet A807 for all locations |
| P4 | Paint | Sherrill-Williams (or equal) | Int. | SW6746 | 'Urban Bronze' | Accent 2 | See Room Finish Schedule Sheet A807 for all locations |
| P5 | Paint | Sherrill-Williams (or equal) | Int. | SW 6686 | 'Crescent' | Exp. Ceilings & Structure | See Room Finish Schedule Sheet A807 for all locations |
| P6 | Paint | Sherrill-Williams (or equal) | Int. | SW 6638 | 'Rust Red' | Accent 3 | See Room Finish Schedule Sheet A807 for all locations |
| P7 | Paint | Sherrill-Williams (or equal) | Int. | SW 6605 | 'Hyper Blue' | Accent 4 | See Room Finish Schedule Sheet A807 for all locations |
| P8 | Paint | Sherrill-Williams (or equal) | Int. | SW 6876 | 'Valiant Violet' | Accent 5 | See Room Finish Schedule Sheet A807 for all locations |
| P9 | Paint | Sherrill-Williams (or equal) | Int. | SW 6926 | 'Lucky Green' | Accent 6 | See Room Finish Schedule Sheet A807 for all locations |
| P10 | Paint | Sherrill-Williams (or equal) | Int. | SW 6884 | 'Obscure Orange' | Accent 7 | See Room Finish Schedule Sheet A807 for all locations |
| P11 | Paint | Sherrill-Williams (or equal) | Int. | | 'White' | | Art Classroom |
| APC1 | Acoustical Panel System | Armstrong Ceiling Systems (or equal) | 2 x 2 | | White - mfr. stc. color | Provide additional 5% attic stock | |
| APC2 | Acoustical Panel System | GypSorb | 2 x 2 | | 'Sonus' | Provide additional 5% attic stock | See Sheet A802 Note 1 for Locations |
| APC3 | Acoustical Panel System | GypSorb | 2 x 2 | | 'Stratus' | Provide additional 5% attic stock | See Sheet A802 Note 1 for Locations |
| EX STR | Exposed Ceiling & Structure | | | | P4 | All Exposed Structure, including But Not Limited To All Beams, All Columns, and All Misc. Steel Supports | |
| LN1 | Linoletum | Armstrong Flooring (or equal) | 2 x 2 or Sheet | | Memoroth | 'Parliament Edge' | Field |
| LN2 | Linoletum | Armstrong Flooring (or equal) | 2 x 2 or Sheet | | Memoroth | 'Tidal Blue' | Accent Boarce |
| FW1 | Teckable Wall | Forbo | | | | 'Blue Berry' | See Sheet A802 Note 1 for Locations |
| FW2 | Teckable Wall | Forbo | | | | 'Baby Lettuce' | See Sheet A802 Note 1 for Locations |
| FW3 | Teckable Wall | Forbo | | | | 'Fresh Pineapple' | See Sheet A802 Note 1 for Locations |
| FW4 | Teckable Wall | Forbo | | | | 'Hot Sauce' | See Sheet A802 Note 1 for Locations |
| CT1 | Carpet Tile | Daltile | 4'x4' | | Sans-Blanc | 'Met' | All restrooms Floors |
| C2 | Carpet Tile | Marrington Commercial (or equal) | 24" x 24" Modular Tile | | 'Elemental Bright' | 'Ice' | Field |
| C3 | Carpet Tile | Marrington Commercial (or equal) | 24" x 24" Modular Tile | | 'Elemental Solids' | 'Orange' | Field Breakout - Random Accent Classroom |
| C4 | Carpet Tile | Marrington Commercial (or equal) | 24" x 24" Modular Tile | | 'Elemental Solids' | 'Green' | Field Breakout - Random Accent Classroom |
| C5 | Carpet Tile | Marrington Commercial (or equal) | 24" x 24" Modular Tile | | 'Elemental Solids' | 'Yellow Orange' | Field Breakout - Random Accent Classroom |
| C6 | Carpet Tile | Marrington Commercial (or equal) | 24" x 24" Modular Tile | | 'Elemental Solids' | 'Blue' | Field Breakout - Random Accent Classroom |
| C7 | Carpet Tile | Marrington Commercial (or equal) | 24" x 24" Modular Tile | | 'Elemental Solids' | 'Acua' | Field Breakout - Random Accent Classroom |
| C8 | Carpet Tile | Marrington Commercial (or equal) | 24" x 24" Modular Tile | | 'Elemental Solids' | 'Tornin 1' | Field |
| C9 | Carpet Tile | Marrington Commercial (or equal) | 24" x 24" Modular Tile | | 'Hypothesis' | 'Altes' | Field |
| C10 | Carpet Tile | Marrington Commercial (or equal) | 24" x 24" Modular Tile | | 'Evidence' | 'Altes' | Field |
| GCB1 | Glazed Concrete Block | Headswaters CM | | | Astra Glaza | 'Silver Gray' | Block to have cove base at floor |
| GCB2 | Glazed Concrete Block | Headswaters CM | | | Astra Glaza | 'Rivers' | Block to have cove base at floor |
| GCB3 | Glazed Concrete Block | Headswaters CM | | | Astra Glaza | 'Sedona Clay' | Block to have cove base at floor |
| T1 | Custom Inlay Tile | | | | | | Foyer Wall at Stairs |
| MT | Custom Mosaic Tile | | | | | | Science Lab/Prep and Art Classrooms |
| SC | Stained Concrete (Polished) | Bomarkz (or sim.) | | | | 'Clear Coat' | Provide sample prior to install |
| WD1 | Wood Wainscot | Reclaimed | | | | | Hallways |
| WD2 | Wood Planking | Reclaimed | | | | | Chapel Alter West Wall |
| RBR | Rubber Base | Roppe (or equal) | 4' | | Vinyl Base, Type TP | 'Tropical Blue' | |
| WP | Wall Paper | Designers Gulp | | | Tourbillon | 'Elio' | Provide sample prior to installation |
| WS | Wood Stair | Sherrill-Williams (or equal) | | | | Stain to match PL3 | |
| PL1 | Plastic Laminate | Fornica (or equal) | | | 6475-58 | 'Elemental Blue Steel' | Provide sample prior to install |
| PL2 | Plastic Laminate | Wilsonart (or equal) | | | 4979 | 'Blue Agave' | Provide sample prior to install |
| PL3 | Plastic Laminate | Fornica (or equal) | | | 7758-58 | 'Cognac Maple' | Provide sample prior to install |
| ER1 | Epoxy Resin | | | | | | Science Lab & Prep |
| TP1 | HDPE (Toilet Partitions) | Ampco | | | | 'Elio' | |
| FR1 | HMU Door and Window Frames | | | | | To Match PL3 U.O.N. | |
| FR2 | Alum. Door and Window Frames | | | | | CAA U.O.N. | |
| ME | Metal Blinds | | | | | CAA U.O.N. | |
| GL1 | Glazing - Clear | PPG (or equal) | | | | Clear | Double Pane Low-E with Clear Anodized Aluminum Frames |
| GL2 | Colored Glazing | Varcoze | | | | Colored | Chapel - Old Main Building |
| GL3 | Frosted Glazing | PPG (or equal) | | | | Frosted | Cross on North wall at New Building |
| CMU1 | Concrete Masonry Unit | Headswaters CM (or equal) | | | | 'White Limestone' | inside face of restrooms to Astra Glaza - GCB1 |
| CMU2 | Concrete Masonry Unit | Headswaters CM (or equal) | | | | 'Terra Cotta' | inside face of classrooms to be Polished exposed |
| CMU3 | Concrete Masonry Unit | Headswaters CM (or equal) | | | | 'Island Sand' | |
| CMU4 | Concrete Masonry Unit | Headswaters CM (or equal) | | | | 'Palomino' | |
| CMU5 | Concrete Masonry Unit | Headswaters CM (or equal) | | | | 'White Limestone' | |
| BK1 | Block | Statesville | | | | 'Farmingdale Grey' | |
| CN1 | Pre-cast Concrete | Headswaters CM (or equal) | | | | 'Grey' | |
| LS1 | Applied Stone Veneer | Stonecraft | | | | 'Old Ohio Heritage' | Provide Samples |
| PM1 | Anodized Aluminum Roofing | | | | | Paint Color 'P4' | Provide Samples |
| PM2 | Anodized Color Metal | | | | | 'Silver' | Provide Samples |
| EIFS | Exterior Insulation and Finishing System | | | | | Tan & Gray | Provide Samples |
| CN1 | Pre-Cast Concrete | | | | | 'Natural Grey' | |
| PV1 | Paver | Pavestone | | | | 'Fowler' | Courtyard adjacent to Art Classroom |
| PV2 | Paver | Tectura Design | | | | EG-10 | 2nd Floor Science Balcony and Exit Landing |

General Color Schedule Notes:

- Manufacturers Names and Identification Numbers Are Listed As A Means of Establishing A Standard of Type, Function, Color, and Quality. Refer To Project Manual for Additional Manufacturers & Procedures.
- The Contractor Shall Submit To The Architect A Sample of All Finish Materials for Approval Before Materials Are Applied on The Job.
- Verify All Graphics with The Architect Before Painting. Graphics May Need To Be Adjusted After Entering; To Reflect The Same Composition As on The Drawings.
- If Requested The Architect Will Provide 8 1/2" X 11" Clear Acetate or Mylar of Detailed Mural Graphics for Projection on Wall.
- Terminate All Accent Panels & Vinyl Wall Covering on Inside Corners Only Unless Otherwise Indicated.
- Paint All Interior & Exterior Exposed Piping. Verify Color w/ Architect.
- Paint Any Vents, Gullies, Piping, Etc., Same Color As Adjacent Wall.

Colors Will Be Marked As Shown. Note All Colors May Not Be Marked on Plans. Materials Not Noted Will Be Covered Under General Notes or Will Be Picked on The Job by The Architect.

Interior:

- Unassigned Painted Gyp Bd Walls To Be Mark 'P2'.
- Unassigned Painted CMU Walls To Be Mark 'CMU'.
- All Interior Hollow Metal Door and Window Frames Shall Be Painted To Match Mark 'P2'. U.O.N. All Vision Panel Frames in Interior Doors To Match Mark 'P3'.
- All Interior Hollow Metal Doors Shall Be Painted To Match Mark 'P3'.
- All Interior Wood Doors & Unassigned Wood Trim Pieces Shall Be Mark 'W5'.
- Steel Handrails (interior) Shall Be Painted To Match Mark 'P4'.
- All Boy's and Girl's Toilet Partitions Shall Be Mark 'TP1'.
- All Base Cabinets, Wall Cabinets, and Misc. Case Work Shall Be Wood Veneer Stained Mark 'WS' to Match PL3.
- All Countertops Shall Be Mark 'RL1'. U.O.N.
- Provide Prefabricated Rubber Trees and Risers for All Stairs. Color Shall Be Mark 'RF'.
- All Metal Lockers Shall Be Finished to Match Mark 'P2'.
- Provide High Impact Walkcovering Mark 'HW' with Matching Bulwager Rail at Elevator Cabin. Typ.
- Patterns and Colors for Areas Scheduled To Receive Mosaic Ceramic Tile Shall Be As Represented in Details A44502 and A54502.
- Patterns and Colors for Areas Scheduled To Receive Reclaimed Wood Wainscot & Ceiling Shall Be As Represented in Detail B1A502. Refer To Interior Elevations on Sheets A802, A807, & A808 by Clarification.
- All Interior and Exterior Stone/Block and Outrigger Shall Have A Clear Anodized Finish.
- All Interior HMU Door and Window Frames Shall Be Mark 'P3'.
- All Interior Alum. Door and Window Frames Shall Be Mark 'CAA'.
- Science Balcony Floor to be Textured Design Paver - DryGranite 'EG-10'.

Exterior:

- All Exterior Steel Lintels Shall Be Painted To Match Adjacent Slick.
- Not Used.
- All Flagpoles To Have Clear Anodized Finish, U.O.N.
- All Alum. Windows & Door Frames Shall Be Clear Anodized; Exterior Glazing To Be Mark 'GL1' Insulation Glass, Typ.
- Motor Shall Match The Brick It Surrounds.
- Unassigned Fields of Brick To Be Mark 'BK1'.
- All Exterior Metal Shall Be Finished As Follows:
 Clear Anod. - Aluminum Staircases, Aluminum Windows
 ANF - Aluminum Roof Panels, Wall Panels
 PM - All Unassigned Pre-Finished Metal
 PM - Pre-Finished Louvers
 Galvalume - Gutters, Downspouts, Brackets & D.S. Boots, Steel Handrails
 PM - Hollow Metal Doors, and Frames
 Galvalume - All Exposed Counter Flashing, Pipe Supports and Other Misc. Flashing (U.O.N.).
- Ref. Site A150 For Metal Building Design Criteria, Including Panel Profiles.

Furnishing and Equipment General Notes:

- Model Numbers/Mfr's Are Listed on Casework Elevations So That A Minimum Design Basis May Be Established. Consequently, The Dimensions Shown (Within) May Differ From The Mfr's Standard Dimensions for The Listed Model Numbers. All Model Numbers Are for "Finish" U.O.N.
- Provide Slic, Top, and Bottom Floor Pieces As Rec'd. To Complete Casework Indicated on Plans. Typ.
- All Floor Mounted Fixtures Are To Have The Same Base Material As The Room They Are In. Typ.
- Blind Cabinets, at Corners, Are To Be Left or Right Hand, As Rec'd. Per Plan. Typ.
- All Cabinets To Have Pl. Lam. Throughout, including All Exposed Surfaces Inside and Out (Typ).
- Provide Pl. Lam. Finished End Panels at All Exposed Cabinet Ends. Typ. Including Kneecaps.
- Field Verify All Dimensions Prior to Fabrication & Installation of Any Fixtures. Typ.
- All Bookcases and Shelves To Have Front Facing Surface of Back Panel To Match Finish of Remainder of Bookcase. Typ.
- All Countertops To Be Plastic Laminated w/ 4" High Backsplash (Form, Type No. 2) Typ. U.O.N.
- Cabinet Provider To Provide Allowance For (60) Sixty, Cabinet Locksets in Project Scope. Cabinet Locks Will Be Located By Owner During Submittal Review.
- All Crankboards, Tackboards, & Markboards Are 4'x2' Tall U.O.N. Sources Shall Be in The Same Frame With an Adjacent. Typ.
- All Chairs, Mables, & Tibids, To Have Cont. Tackslips & Chalkboards, U.O.N. All Tackslips To Have Map Hooks. Typ. U.O.N.
- All Kneecap Units Not Receiving Sinks Shall Receive Gronomats at 35" O.C., 3' from The Back Edge of The Kneecap Unit & min. 3' from Side Edge. Typ. U.O.N. (Corner Gronomats on Kneecap Typ.)
- All Projection Screens To Be Spring-Roller-Operated, Wall Mounted, 72" X72" w/ 72" X70" Viewing Area, U.O.N.
- Provide Built-In Recessed Combination Locks at All Lockers, U.O.N.
- All Kneecap Units in The Administration Area Are To Have Mfr's Standard Computer Keyboard Drawer. Typ., U.O.N.
- Provide Mfr's Standard Parallel Drawer Insert at All Kneecap Units w/ Standard Drawers (Not Keyboard Drawers), U.O.N.
- Typical at Library Circulation Desk: Provide Mfr's Standard Cont. Closed Floor Base/Tee Space Piece & Cont. Curved & Straight Serrucore Back Panel, As Indicated on Plans, U.O.N.
- Provide Horizontal Louver Blinds at All Interior Windows. Typ. U.O.N.
- Provide Horizontal Louver Blinds at All Exterior Windows, Except at Entries, U.O.N.
- Not Used.
- Not Used.
- Not Used.
- All Shelves Shall Be Adjustable, U.O.N. Shelves Over 36" in Length Shall Be 1" Thick. Typ.
- Provide 7/8" Work Tops with Plastic Laminated Finish at All Casework Shelving Units Under 48"

Mounting Height Legend

Note: Coordinate All Electrical Items W/ Casework, Display Boards, Mirrors and Acoustical Material As Indicated on The Plans, Casework Elevations and/or Interior Elevations. Typ.

1. First Entrypieces (Measured Floor to T.O. Cabinet)
 - A All Grades and Adults -48" (Optional Components)
 - A.T.O. Boards -34"
2. Not Used
3. CHSE, MIBD and TRGD (Measure Floor to Bot. of Board)
 - A All Areas -44"
4. Door Hardware (Measure Floor to Center of Hardware)
 - I Pull Handles -42"
 - I Pull Handles -42"
 - II Knobs -42"
 - II Panic Exit -42"
5. Thermostats and CCMS Sensors (Verify HT. W/ Architect)
 - A All Occupied Spaces -48" MAX. to Top of Box
6. Concessions/Receptacles
 - A General Areas -15" Min. to Bot. of Box
 - B Special Areas -As Required, Verify w/ Architect
7. Clock Outlets
 - A General Areas -48"
 - B Special Areas -As Required, Verify w/ Architect
8. Light Switches
 - A All Areas -48" MAX. to T.O. of Box
9. Fire Alarm Pull Stations
 - A All Areas -44" to Bot. of Backbox
10. Fire Alarm Strobes/Horn Strobes
 - A All Areas -80" to Bot. of Backbox, or 6' Below Ceiling, whichever is lower
11. Smoke and/or Heat Detectors
 - A General Areas -Ceiling Height
 - B Special Areas -As Required, Verify w/ Architect
12. Intercorn Speakers
 - A General Areas -96" or Flush w/ Ceiling
 - B Special Areas -As Required, Verify w/ Architect
13. T.V. Mounting Brackets
 - A General Areas -78" A.F.F.
 - B Special Areas -As Required, Verify w/ Architect
14. Telephone Outlets
 - A All Areas -15" Min. to Bot. of Box
15. Sound System Call Switches
 - A All Areas -48" MAX. to TOP of BOX
16. Data Cable Outlets
 - A All Areas -15" Min. to Bot. of Box
17. Projection Screens
 - A All Areas -Coordinate w/ Architect
18. Countertops (Base Cabinets Floor to countertop)
 - A Adults -34"
 - B Handicapped -42" U.O.N.
19. Shelf and Roc (Measured Floor to T.O. Shelf)
 - A All Areas -72" U.O.N.
20. Rake Hooks
 - A Adult -72" A.F.F.
 - B Handicapped -48" A.F.F.

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Issue Date: 04/26/2016

Preliminary Review Drawings (not for construction)

Saint Anthony School
 635 Bonham St., Columbus, TX 78934

The Catholic Diocese of Victoria in Texas

Project No. #15-06
 Date Issue Date
 Drawn by AR
 Checked by JMB
 Scale As Indicated

Revisions:

| No. | Description | Date |
|-----|-------------|------|
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DD Cost Set Update
 04/26/2016

Key Plan
 NTS

Sheet Title:
Materials Schedule

A800

Project Documents | Room Finish Schedule

4/26/2016 11:58:45 AM
 4/26/2016 11:58:45 AM
 John Matthew Brown, AIA, Texas Registration #14278, "Not for Regulatory Approval, Permitting or Construction"
 4/26/2016 11:58:45 AM

| Room Schedule Old Main Building | | | | | | | | | | |
|---------------------------------|--------------------|-------------|--------------|------------|-----------|------------|-----------|----------------|----------------|---------|
| Number | Name | Base Finish | Floor Finish | North Wall | East Wall | South Wall | West Wall | Ceiling Finish | Ceiling Height | Remarks |
| E101 | Narhex | T1 | T1 | GL1 | GL1/W | WD1P2 | WD1 | WD1 | 9'-4" | |
| E102 | Office | FBR1 | OS | P1 | P3 | P1 | P1 | ACP1 | 9'-0" | |
| E103 | Vestibule | FBR1 | OS | P1 | P1 | P1 | P1 | GYP BD | 9'-0" | |
| E104 | Mech | FBR1 | SC | P1 | P1 | P1 | P1 | EXP STR | FELD MER PY | |
| E105 | Boys | CT1 | CT1 | CT1 | CT1 | CT1 | CT1 | GYP BD | 9'-0" | |
| E106 | Girls | CT1 | CT1 | CT1 | CT1 | CT1 | CT1 | GYP BD | 9'-0" | |
| E107 | Jan | FBR1 | LN2 | P1 | P1 | P1 | P1 | GYP BD | 9'-0" | |
| E108 | Foyer | WD1 | LN1/LN2 | GL1 | WD1P2 | WD1 | WD1 | FELD MER PY | | |
| E109 | Community Meeting | FBR1 | OS | P1 | P1 | P1GL1 | P3 | ACP1 | | |
| E110 | Work Bk/M | FBR1 | LN2 | P1 | P1 | P1GL1 | P3 | EXP STR | FELD MER PY | |
| E111 | Stu | FBR1 | LN1 | P1 | P1 | P1 | P1 | EXP STR | FELD MER PY | |
| E112 | Principal | FBR1 | OS | P1 | P1 | P1GL1 | P1 | ACP1 | 9'-0" | |
| E113 | Toilet | TS | CT1 | CT1 | CT1 | CT1 | CT1 | GYP BD | 9'-0" | |
| E114 | Vestibule | WD1 | LN1/LN2 | WD1P2 | WD1P2 | WD1P2 | WD1P2 | ACP1 | FELD MER PY | |
| E115 | School Museum Arts | WD1 | VCT1/VCT2 | WD1P2 | WD1P2 | WD1P2 | WD1P2 | ACP1 | FELD MER PY | |
| E116 | Business | FBR1 | OS | P1 | P1 | P1 | P1 | ACP1 | 9'-0" | |
| E117 | School Office | FBR1 | OS | P1 | P1GL1 | P1 | P3 | ACP1 | 9'-0" | |
| E118 | Spk | FBR1 | LN2 | P2GL1 | P1 | P1 | P1 | ACP1 | 9'-0" | |
| E120 | Records | FBR1 | LN2 | P1 | P1 | P1 | P1 | ACP1 | 9'-0" | |
| E121 | TL | OS | CT1 | CT1 | CT1 | CT1 | CT1 | GYP BD | 9'-0" | |
| E122 | Chapel | FBR1 | OS | P2GL2 | P3 | P3 | WD2 | WD1 | 9'-4" | |

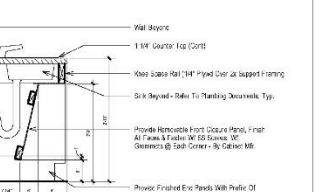
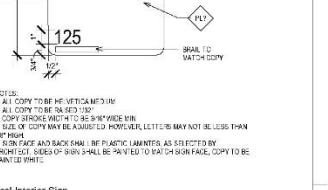
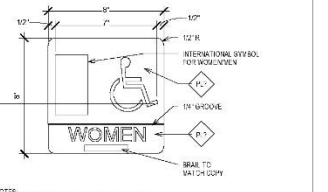
| Room Schedule Art Room | | | | | | | | | | |
|------------------------|---------------|-------------|--------------|------------|-----------|------------|-----------|----------------|----------------|---------|
| Number | Name | Base Finish | Floor Finish | North Wall | East Wall | South Wall | West Wall | Ceiling Finish | Ceiling Height | Remarks |
| A101 | AA | FBR2 | SC | P1 | P1 | P11 | P1 | EXP STR | FELD MER PY | |
| A102 | Exist Toilet | - | - | - | - | - | - | - | - | |
| A103 | Kb | FBR | SC | OMU | OMU | OMU | EXISTG | EX1 | Varies | |
| A104 | Art Classroom | EXISTG | PV | EXISTG | EXISTG | EXISTG | EXISTG | EX1 | Varies | |

| Room Schedule New Building - First Floor | | | | | | | | | | |
|--|------------------|-------------|--------------|------------|-----------|------------|-----------|----------------|----------------|--|
| Number | Name | Base Finish | Floor Finish | North Wall | East Wall | South Wall | West Wall | Ceiling Finish | Ceiling Height | Remarks |
| N101 | Vestibule | T1 | T1 | GL1 | GL1 | GL1 | GL1 | EX1 | Varies | |
| N102 | Foyer | T1 | T1 | GL1 | GL1 | GL1 | GL1 | EX1 | Varies | |
| N103 | Grade 3 | FBR1 | C1 | PT5 | Polished | PT1 | PT1 | ACP1 | 9'-4" | |
| N104 | Grade 4 | FBR1 | C1 | PT6/PT4 | Polished | PT1 | PT1 | ACP1 | 9'-4" | |
| N105 | Grade 5 | FBR1 | C7 | PT7/PT1 | Polished | PT1 | PT1 | ACP1 | 9'-4" | |
| N106 | Lib/OTWAK | FBR1 | LN2 | PT3 | Polished | PT1 | PT1 | ACP1 | 9'-0" | |
| N107 | Lib, Stu | FBR1 | LN2 | P3 | P1 | P1 | P1 | ACP1 | 9'-0" | |
| N108 | Reac | FBR1 | C3 | P3 | Polished | PT1 | PT1 | ACP1 | 9'-4" | C1 FOR PLATFORM |
| N109 | Lantern/ Commons | FBR1 | OS | GL1/P3 | GL1/P3 | GL1/P3 | GL1/P3 | EX | 12'-4" | WP ABOVE NORTH SOFFIT |
| N110 | Mech/Flwr | FBR | SC | OMU/P1 | OMU2 | OMU2 | OMU2 | EX | 12'-4" | |
| N111 | 45 BreakOut | WD1 | LN1 | WD1/P2 | P2 | PWGL1 | GL1 | ACP1 | 9'-4" | 13 |
| N112 | 45 Stu | FBR1 | SC | P1 | P1 | OMU | GYP BD | 9'-0" | | |
| N113 | Hall | WD1 | LN1 | WD1/P2 | WD1/P1 | WD1/P1 | WD1/P1 | WD1/ACP1 | 9'-4" | VCT2 Accent Boosier / WD1 Walnut / C74 at EWC |
| N114 | Mech | FBR1 | SC | P1 | P1 | OMU | EXP STR | 12'-4" | | |
| N115 | Elevator | FBR1 | LN2 | - | - | - | - | - | - | |
| N116 | Toilet | CT1/VCT2 | CT1 | CT1 | CT1 | CT1 | CT1 | GYP BD | 9'-0" | |
| N117 | EM | FBR1 | SC | OMU | P1 | P1 | OMU | GYP BD | 9'-0" | |
| N118 | Boys | GCB1 | CT1 | GCB1 | GCB1 | GCB1 | GCB1 | GYP BD | 9'-0" | CTS ACCENT WALL BEHND TOILETS ACT4 ACCENT WALL BEHND SINKS |
| N119 | Girls | GCB1 | CT1 | GCB1 | GCB1 | GCB1 | GCB1 | GYP BD | 9'-0" | CTS ACCENT WALL BEHND TOILETS ACT4 ACCENT WALL BEHND SINKS |
| N120 | Stu 123 | FBR1 | SC | P1 | P1 | OMU | OMU | EXP STR | 12'-4" | |
| N121 | 25 BreakOut | WD1 | LN1 | WD1/P2 | GL1 | WD1/P2 | GL1 | ACP1 | 9'-4" | VCT2 Accent Boosier / WD1 Walnut / Note 1, 13 |
| N122 | Grade 1 | FBR1 | C1 | PW1/PT1 | PT1 | Polished | OMU | ACP1 | 9'-4" | C2, C4 & C5 Carpet Accents, VCT2/PL2 at Sink |
| N123 | Grade 2 | FBR1 | C1 | GL1/FV4 | Polished | PT1 | P5 & P6 | ACP1 | 9'-4" | |

| Room Schedule New Building - Second Floor | | | | | | | | | | | |
|---|-----------------|-------------|--------------|------------|-----------|------------|-----------|----------------|----------------|--|-------------------------------|
| Number | Name | Base Finish | Floor Finish | North Wall | East Wall | South Wall | West Wall | Ceiling Finish | Ceiling Height | Remarks | |
| N201 | Science S.S. | FBR1 | C7 | PT1 | Polished | PT1 | PT1 | ACP1 | 9'-4" | | |
| N202 | Prep Room | FBR1 | SC | P8 | Polished | OMU | P1 | P1 | GYP BD | 9'-4" | |
| N203 | Science Lab | FBR1 | SC | P8 | Polished | OMU | P1 | P1 | ACP1 | 9'-4" | COUNTERTOPS TO BE EPOXY RESIN |
| N204 | Science Balcony | FBR1 | C7 | P8 | Polished | OMU | GL1 | EXP STR | 9'-4" | 13 | |
| N206 | JH Common | FBR1 | LN1/LN2 | WD1/P2 | WD1/P2 | WD1/P2 | GL1 | ACP1/GYP BD | 9'-4" | VCT1 FELD / VCT 2 BORDER ACCENT | |
| N207 | MDF | FBR1 | C7 | P8 | GL1/P2 | GL1/P2 | GL1/P2 | ACP1 | 9'-4" | | |
| N208 | Mech | FBR | SC | OMU | P1 | P1 | OMU | EXP STR | 12'-4" | | |
| N209 | Elevator | FBR1 | LN2 | - | - | - | - | - | - | | |
| N210 | Toilet | CT1 | CT1 | GCB1 | CT1 | CT1 | CT1 | GYP BD | 9'-0" | 2, CTS ACCENT WALL BEHND TOILETS | |
| N211 | Boys | CT6 | CT1 | CT1 | CT1 | CT1 | CT1 | GYP BD | 9'-0" | 2, 8, CTS ACCENT WALL BEHND TOILETS ACT4 ACCENT WALL BEHND SINKS | |
| N212 | Girls | CT6 | CT2 | CT1 | CT1 | CT1 | CT1 | GYP BD | 9'-0" | 2, 8, CTS ACCENT WALL BEHND TOILETS ACT4 ACCENT WALL BEHND SINKS | |
| N213 | JH Storage | FBR | SC | P1 | P1 | OMU2 | OMU | ACP1 | 9'-4" | | |
| N213A | Props | FBR | SC | P1 | P1 | P1 | OMU2 | EX1 | 12'-4" | | |
| N214 | JH BreakOut | FBR1 | LN1/LN2 | WD1/P2 | GL1 | WD1/P2 | GL1 | ACP1/WD1 | 9'-4" | VCT2 FELD / VCT 2 BORDER ACCENT, 13 | |
| N215 | English | FBR1 | C7 | Polished | OMU | PT9 | PT1 | ACP1 | 9'-4" | | |
| N216 | Math | FBR1 | C7 | Polished | OMU | PT10 | PT10 | ACP1 | 9'-4" | | |

- ### General Finish Notes
1. Floor Material Changes Between Rooms to Occur Under Door (U.O.N) Refer to Furnishing & Equipment Plans for Floor Material Transitions and Patterns.
 2. (#) - References the Finish Schedule Remarks.
 3. Coordinate Interior Finishes w/ Wall Types. (See Plan)
 4. All APC Shall Be Per The Following Guidelines:
- APC1 Shall Be 24" x 24" Staircase as Specified
 5. Refer to Lighting Plans for Ceiling Grid Layout (L.O.N)
 6. Provide C.J.s at GYP BD Ceilings at 5'-0" OC Max U.O.N. Provide C.J.s at Walls/BUHDS at 3'-0" Max U.O.N
 7. Refer to Reflective Ceiling Plan for Bulkhead Locations & Ceiling Height Variations
 8. All Windows to Receive Horizontal Louver Blinds Except at Main Exterior Entries & Door Lights

- ### Finish Schedules Remarks
1. Ceiling Vales, Refer to RCP
 2. Epoxy Paint Ceiling & Walls
 3. Painted Chair Rail, 1'-2" W/ Ease Capes 4'-3" AFF. Stain to Match P2 W/ Mitered Corners & Countersunk Anchors at Each Stud (4"-15" O.C.) Refer to Interior Elevators
 4. Suspended Exterior Gypsum Soffit Board - Epoxy Painted in Shower Ceiling Only
 5. Refer to Sheet ASSJ for Ceramic Tile Patterns at All Walls and Floors
 6. Install 3/4" Painted Pine Rigid Plywood on All Walls to 8' A.F.F.
 7. Paint Ceilings
 8. 4 CT Walnut (BSA53) at All Wet Walls. Continue Additional 4' of Walls Adjacent to Wet Walls, Typ. Ref A401 for Details, Typ.
 9. Full Height CT Walls (ASA820) Extra 4' at Adjacent Walls, Typ. Ref A401 for Exteriors, Typ.
 10. 4 High Plywood (Epoxy Painted) w/ GYP Above
 11. Activity and Learning Hub to be VCT 1, Align with Bulkhead Above
 12. Balcony Tile, Prefabricated System over Mec. Bl. Roof System. Ref. Roof Plan
 13. Special Acoustic Ceiling in Activity and Learning Hubs



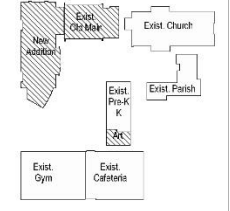
Consultants:
CIVIL: Vestal Engineering, Inc. Columbus, TX 78831 979 732 6997 Office
STRUCTURAL: Manigault Engineering, Inc. Houston, TX 77074 P 713 255 5390
MEP: Estes, McClure & Associates, Inc. Engineering and Consulting Phone: (832) 854-6110

Issue Date: 04/26/2016

Saint Anthony School
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| | |
|-------------|--------------|
| Project No. | #15-08 |
| Date | Issue Date |
| Drawn by | AR |
| Checked by | JMB |
| Scale | As indicated |

Revisions:
 No. Description Date
 DD Cost Set Update 04/26/2016

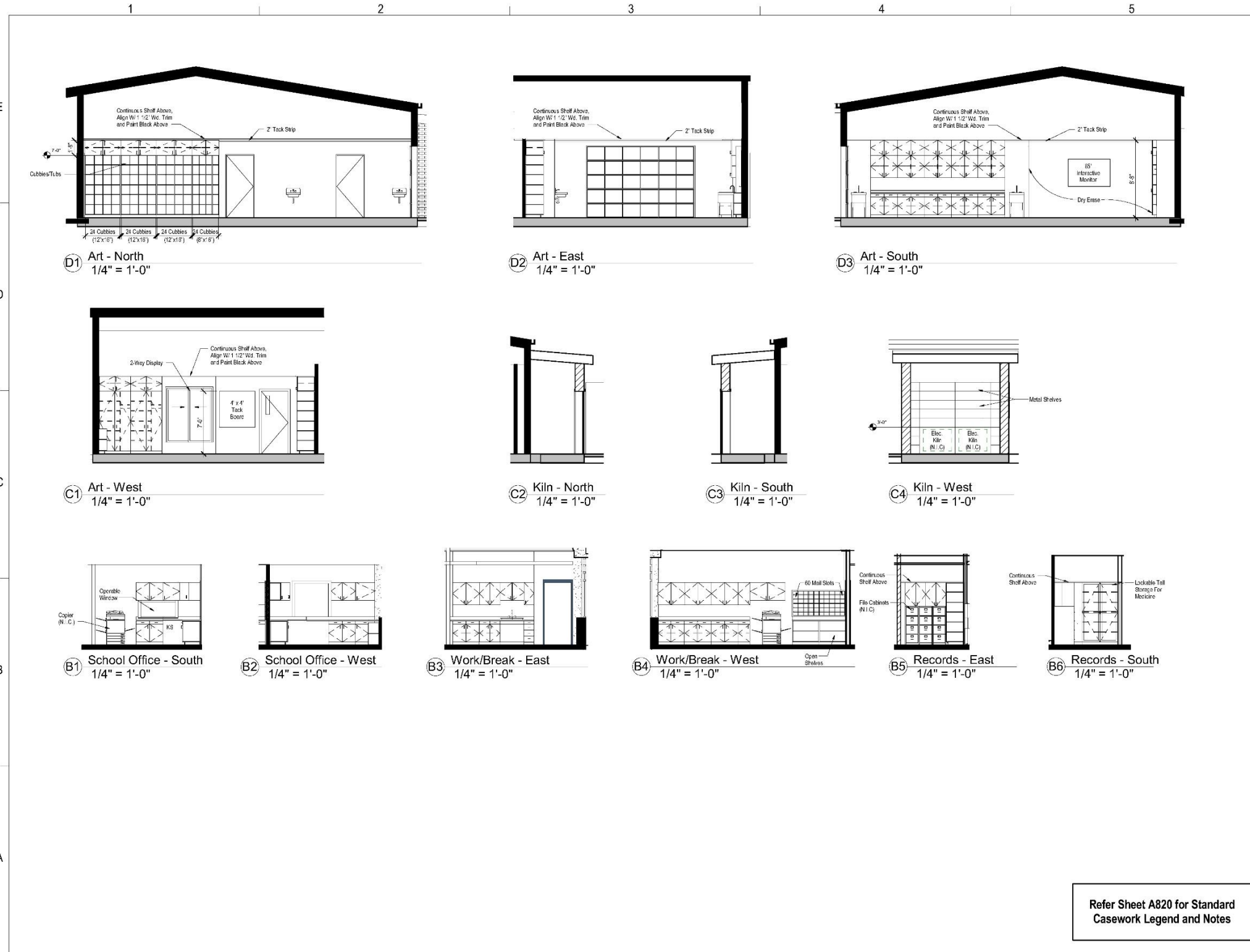


Key Plan
 NTS
Sheet Title:
Room Finish Schedule
A801



New 21st Century School | St. Anthony Catholic School

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Refer Sheet A820 for Standard Casework Legend and Notes

Consultants:
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Issue Date: 04/26/2016

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Preliminary Review Drawings (not for construction)

Saint Anthony School
 535 Bonham St, Columbus, TX 78534
 The Catholic Diocese of Victoria in Texas

Project No. #15-08
 Date Issue Date
 Drawn by Author
 Checked by Checker
 Scale As indicated

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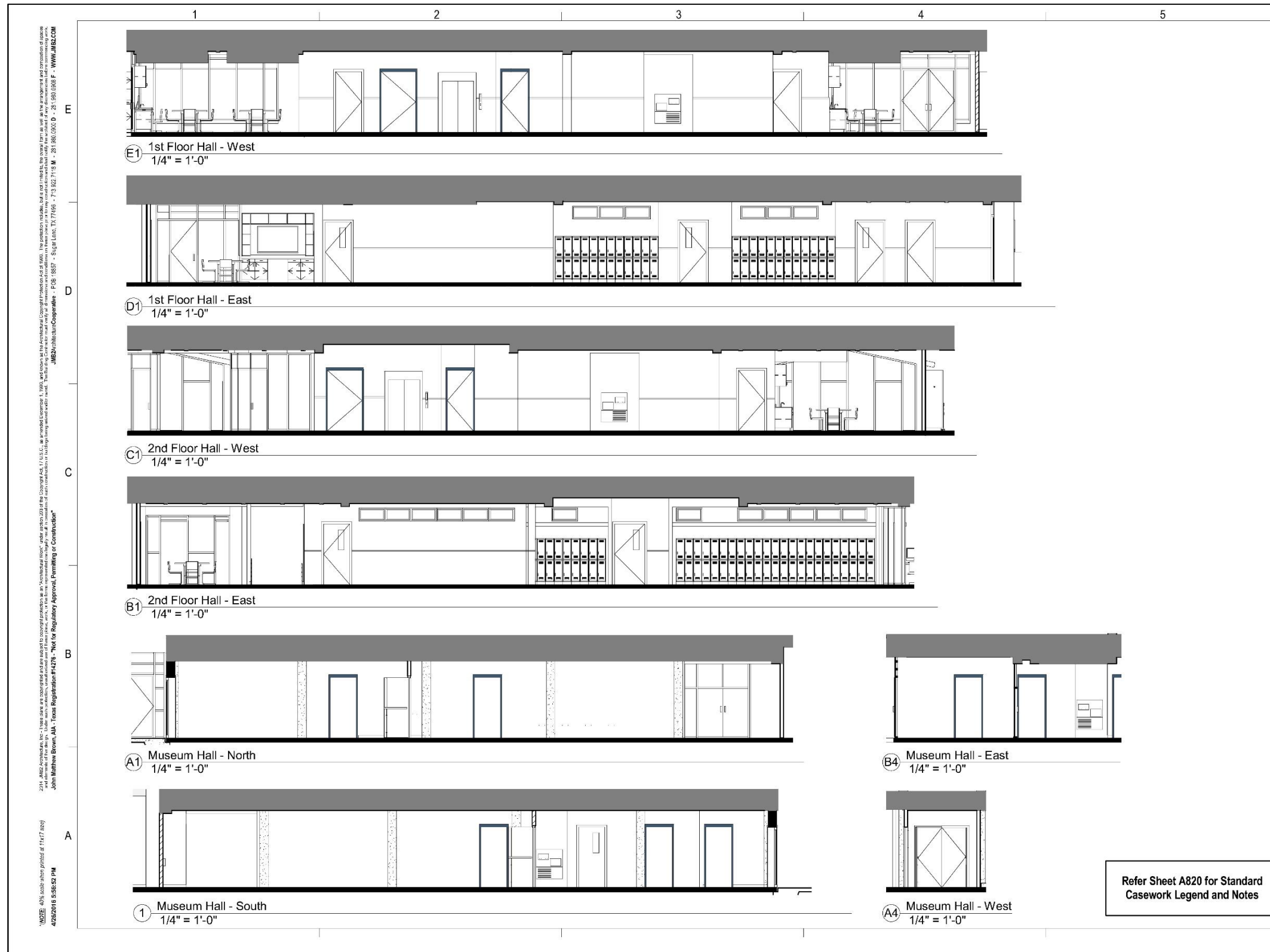
DD Cost Set Update
 04/26/2016

Key Plan
 NORTH
 NTS

Sheet Title:
 Interior Elevations &
 Casework Elevations

A823

Project Documents | Interior Elevations



Refer Sheet A820 for Standard Casework Legend and Notes



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MEP:
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 Engineering and Consulting
 Phone: (832) 950-6110

Issue Date: 04/26/2016



Preliminary Review Drawings (not for construction)



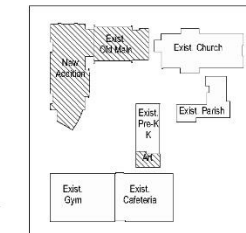
Saint Anthony School
 835 Eorham St, Columbus, TX
 78534

The Catholic Diocese of Victoria in Texas

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| Project No. | #15-08 |
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| Checked by | Checker |
| Scale | As indicated |

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DD Cost Set Update
04/26/2016



Key Plan
NTS

Sheet Title:
Interior Elevations & Casework Elevations

A824



New 21st Century School | St. Anthony Catholic School

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Refer Sheet A820 for Standard Casework Legend and Notes



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 Estes, McClure & Associates, Inc.
 Engineering and Consulting
 Phone: 952-958-8116

Issue Date: 04/26/16



Preliminary Review Drawings (not for construction)

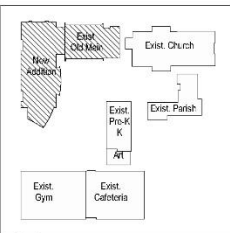


Saint Anthony School
 635 Borham St., Columbia, TX 78934
 The Catholic Diocese of Victoria in Texas

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| Date | Issue Date |
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Revisions:

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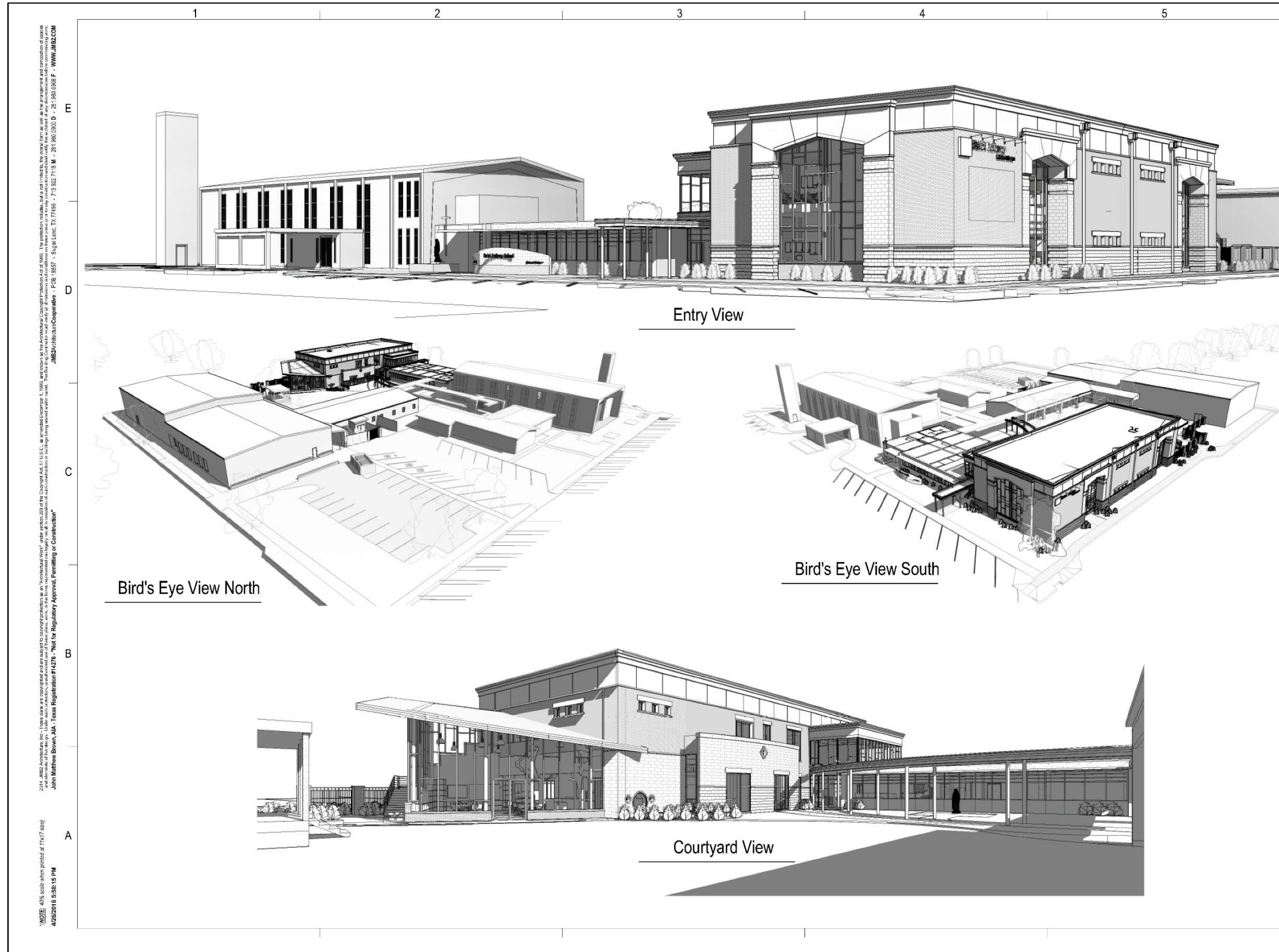


Key Plan
 NORTH
 NTS

Sheet Title:
 Interior Elevations & Casework Elevations

A825

Project Documents | Exterior Perspective Views



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Issue Date: 04/26/2016



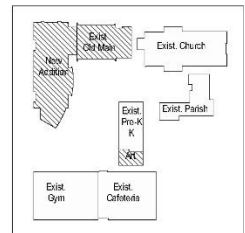
Preliminary Review Drawings (not for construction)



Saint Anthony School
 535 Bonham St., Columbus, TX
 78934
 The Catholic Diocese of Victoria in Texas

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Key Plan
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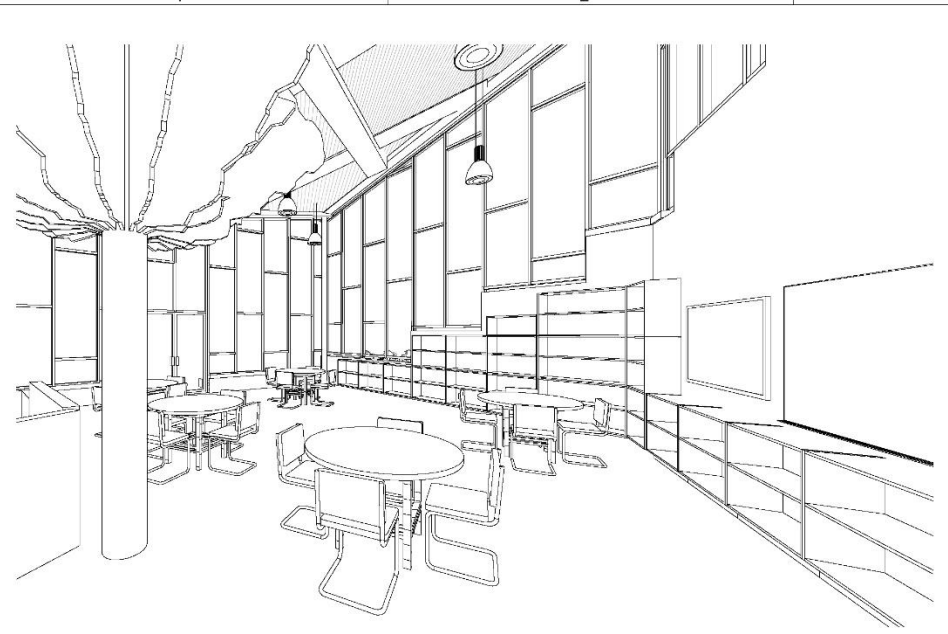
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Exterior Perspective Views

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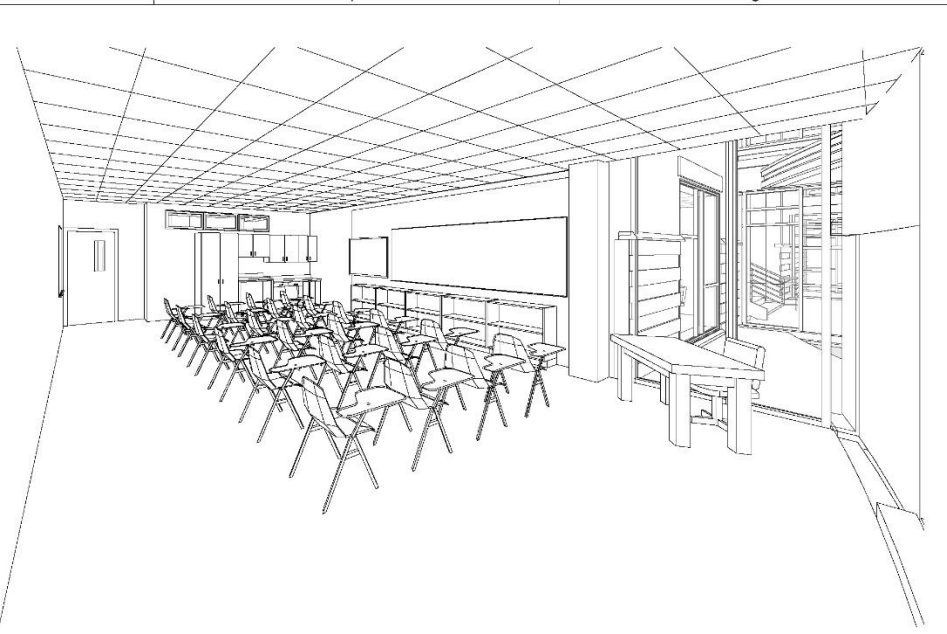


New 21st Century School | St. Anthony Catholic School

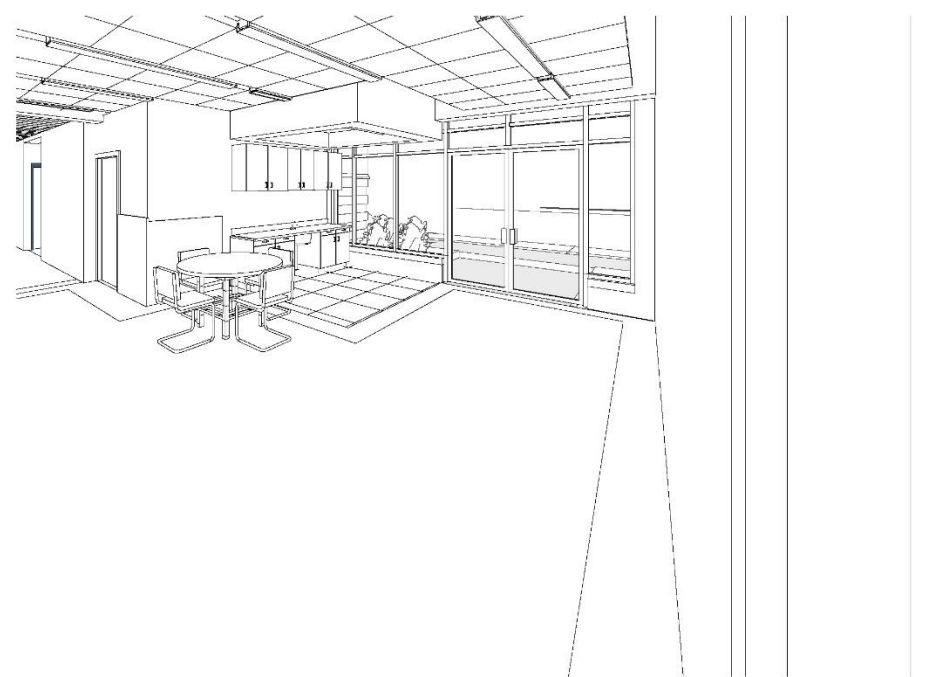
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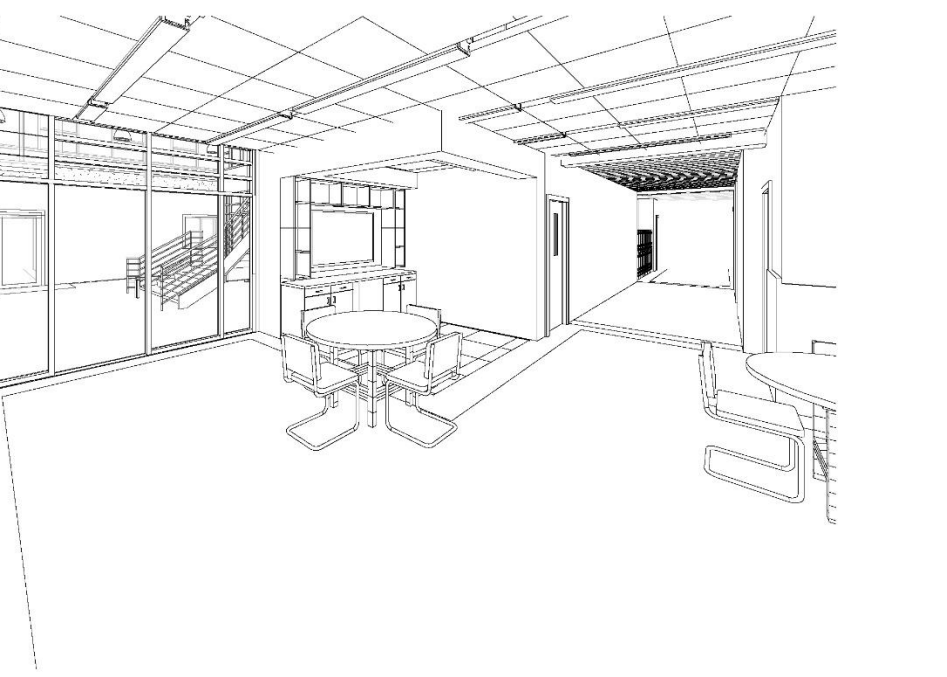
Learning Commons



Typical Classroom



Activity Hub



Learning Hub



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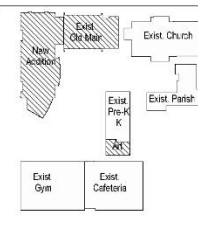
Preliminary Review Drawings (not for construction)



Saint Anthony School
 835 Bonham St, Columbus, TX
 78934
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 Texas

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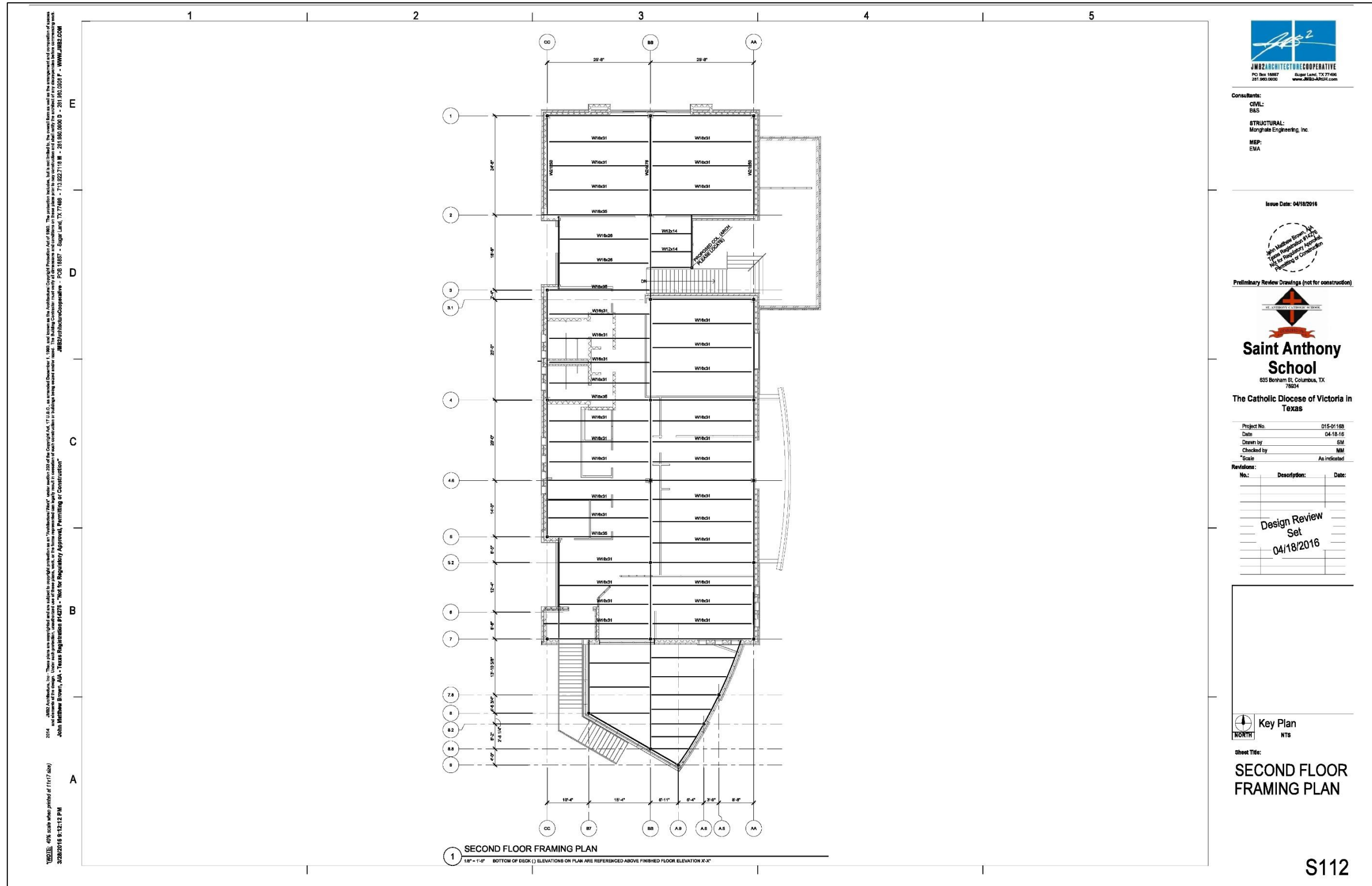


Key Plan
 NORTH
 NTS

Sheet Title:
 Interior Perspective
 Views

A910

Project Documents | Second Floor Framing Plan



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Preliminary Review Drawings (not for construction)



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 635 Bonham St. Columbus, TX 76841
 The Catholic Diocese of Victoria in Texas

Project No. 015-01158
 Date 04-18-16
 Drawn by SM
 Checked by MM
 Scale As Indicated

Revisions:

| No. | Description | Date |
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Design Review Set
 04/18/2016



New 21st Century School | St. Anthony Catholic School

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 1304 JAMES STREET, SUITE 200, HOUSTON, TEXAS 77002
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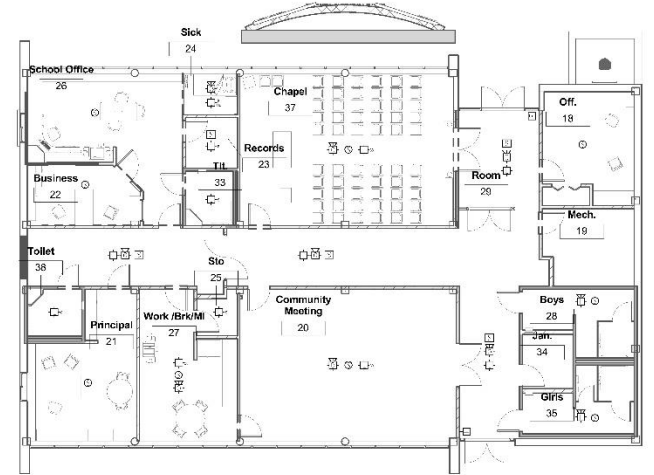
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ELECTRICAL COMMUNICATION GENERAL NOTES

1. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT AND STANDARD BACKBOXES - 04 SYSTEMS SHOWN ON THIS DRAWING IN BASE PROPOSED.
2. IN ANY EXPOSED AREAS SUCH AS CORRIDORS, SHOPS, FIELDS, HOUSES, JANITORIES, CLOSETS, OR MECHANICAL/ELECTRICAL ROOMS ALL CONDUIT, TRAY CASINGS SHALL BE ENCLOSED IN CONDUIT.
3. ALL COMMUNICATIONS CABLEING SHALL RUN DOWN THE CORRIDORS AND BRANCH OFF TO EACH CLASSROOM. RUNNING SHALL BE RUN PARALLEL TO PERPENDICULAR TO BUILDING WALLS AND SHALL NOT BE OVER CLASSROOMS.
4. WHERE NO FINISHED CEILING ARE SCHEDULED ALL DEVICES, CONDUIT, AND BACKBOXES SHALL BE INSTALLED UP AGAINST BOTTOM OF BRICK AS SHALL NOT PROVIDE BELOW ROOMS SHALL BE APPROVED BY ALL APPROVALS. ALL ROUTING OF ALL EXPOSED ROUGH-IN WORK TO FLOORLINE.
5. ANY SIGNAL, OUTLET OR OTHER DEVICE MOUNTED ON A COLUMN, PLASTER, OR SIMILAR WALL, OFFSET SHALL BE DETELED.
6. COORDINATE MOUNTING HEIGHT OF DEVICES ABOVE ALL WORK WITH ARCHITECTURAL PLANS.
7. VERIFY MARKERBOARD, TACHOGRAPH, AND DOOR SPRING LOCATIONS WITH ARCHITECTURAL PLANS - DO NOT INSTALL DEVICES IN THESE AREAS.
8. COORDINATE EXACT LOCATION OF ALL DEVICES, ETC. INSTALLED IN MOVEABLE FURNITURE WITH ARCHITECT AND OWNER.
9. CONFIRM ALL COMMUNICATIONS DEVICE LOCATIONS WITH ARCHITECT PRIOR TO TOUCH-IN. THE ARCHITECT RESERVES THE RIGHT TO LOCATE DEVICES ANYWHERE WITHIN EACH ROOM AND DETERMINE SURFACE RACEWAY ROUTING IF APPROPRIATE.
10. COORDINATE EXACT MECHANICAL EQUIPMENT LOCATION AND TYPE WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR. DO NOT RUN ALL CONDUIT WITHIN 2' OF ANY HVAC DEVICE UNLESS THE DEVICE SERVES THAT UNIT.
11. FIRE ALARM CONTRACTOR SHALL PROVIDE DUCT MOUNTED SMOKE DETECTORS AND CONTROL RELAYS WHERE REQUIRED. MECHANICAL CONTRACTOR SHALL INSTALL HOUSING IN SMOKE TUBES IN EACH FIRE ALARM CONNECTION TO PROVIDE LOW VOLTAGE CONNECTION TO FIRE ALARM.
12. FIRE ALARM CONTRACTOR SHALL VERIFY CIRCUIT STYLE, QUANTITY, AND LOCATION OF DEVICES TO MEET ALL APPLICABLE CODES, STANDARDS, AND ALL REGULATORY AGENCIES OF THE LOCAL AUTHORITY HAVING JURISDICTION FOR INSTALLATION IN BASE PROPOSAL.
13. REFER TO SPECIFICATION DIVISION 27 AND 28 FOR ADDITIONAL INFORMATION.

ELECTRICAL COMMUNICATION PLAN NOTES

1. ELECTRICAL COMMUNICATION PLAN NOTES:
 2. PROVIDE TWO 1" UNDERGROUND CONDUITS FOR TELEPHONE SERVICE ENTRY, ONE 1" UNDERGROUND CONDUIT FOR NETWORK SERVICE ENTRY, AND ONE 1" UNDERGROUND CONDUIT FOR CABLE TELEVISION SERVICE ENTRY - SEE THE SITE PLAN.
 3. PROVIDE ONE 1/2" UNDERGROUND CONDUIT FOR CABLE TO MANIFOLD.
 4. DATA RECEPTACLE FOR ELEVATOR LOSS BY EMERGENCY TWO-WAY COMMUNICATIONS. SEE DETAIL.
 5. PROVIDE FIRE ALARM CONTROL MODULES FOR ELEVATOR PRIMARY RECALL (SECONDARY RECALL, TERTIARY RECALL, FIREIGHTER WARNING AND POWER SHUT OFF FUNCTION).
- PROVIDE WEATHER PROOF SINGLE GANG JUNCTION BOX WITH 1" RIGID THREADED CONDUIT STUBBED INTO ACCESSIBLE ATTIC SPACE FOR EXTERIOR CABLE ENTRY.
- PROVIDE WEATHER PROOF SINGLE GANG JUNCTION BOX WITH 1" RIGID THREADED CONDUIT STUBBED INTO ACCESSIBLE ATTIC SPACE FOR EXTERIOR CABLE ENTRY.
- PROVIDE WEATHER PROOF SINGLE GANG JUNCTION BOX AT 1' A.F.D. FOR VISITORS INTERCOM DOOR STATION ROUTE 1' CONDUIT TO ACCESSIBLE INTERIOR ATTIC SPACE.
- PROVIDE SINGLE GANG JUNCTION BOX AT 1' A.F.D. FOR VISITORS INTERCOM MASTER STATION.
- PROVIDE A FIRE ALARM CONTROL RELAY PROGRAMMED TO OPERATE ON GENERAL ALARM TO OPEN THE SECURITY GRILLE.
- PROVIDE A FIRE ALARM CONTROL RELAY TO CLOSE THE FIRE DOOR ON ALARM ONLY WHEN ONE OF THE ADJACENT SMOKE DETECTORS INITIATES AN ALARM CONDITION.
- NO-RACK
 IDF RACK
 INTERCOM RACK
 AMP RACK
 CARD ACCESS PANEL
 SECURITY SYSTEM PANEL
- DATA RECEPTACLE FOR IRRIGATION CONTROLS. COORDINATE EXACT LOCATION WITH IRRIGATION CONTRACTOR.
- DATA RECEPTACLE FOR FACS. COORDINATE EXACT LOCATION WITH CONTROL CONTRACTOR.



1 ELECTRICAL COMMUNICATION FIRST FLOOR PLAN
1/8" = 1'-0"

JASON W. REED
 LICENSED ELECTRICAL ENGINEER
 #112018 8:30:16 AM

TOMMY D. FENTER
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 #112018 8:30:16 AM

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 TBPE Firm Registration No. F-893
 www.estesmcclure.com

SUBMISSION OF THIS PLAN IS CONSIDERED AN AGREEMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDES ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.



Consultants:
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 Venghats Engineering, Inc.
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Issue Date: 04/11/2016

REVIEW ONLY
 04/11/2016

Preliminary Review Drawings (not for construction)



Old Main Building

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Saint Anthony School

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| Project No. | #Project Number |
| Date | 04/11/2016 |
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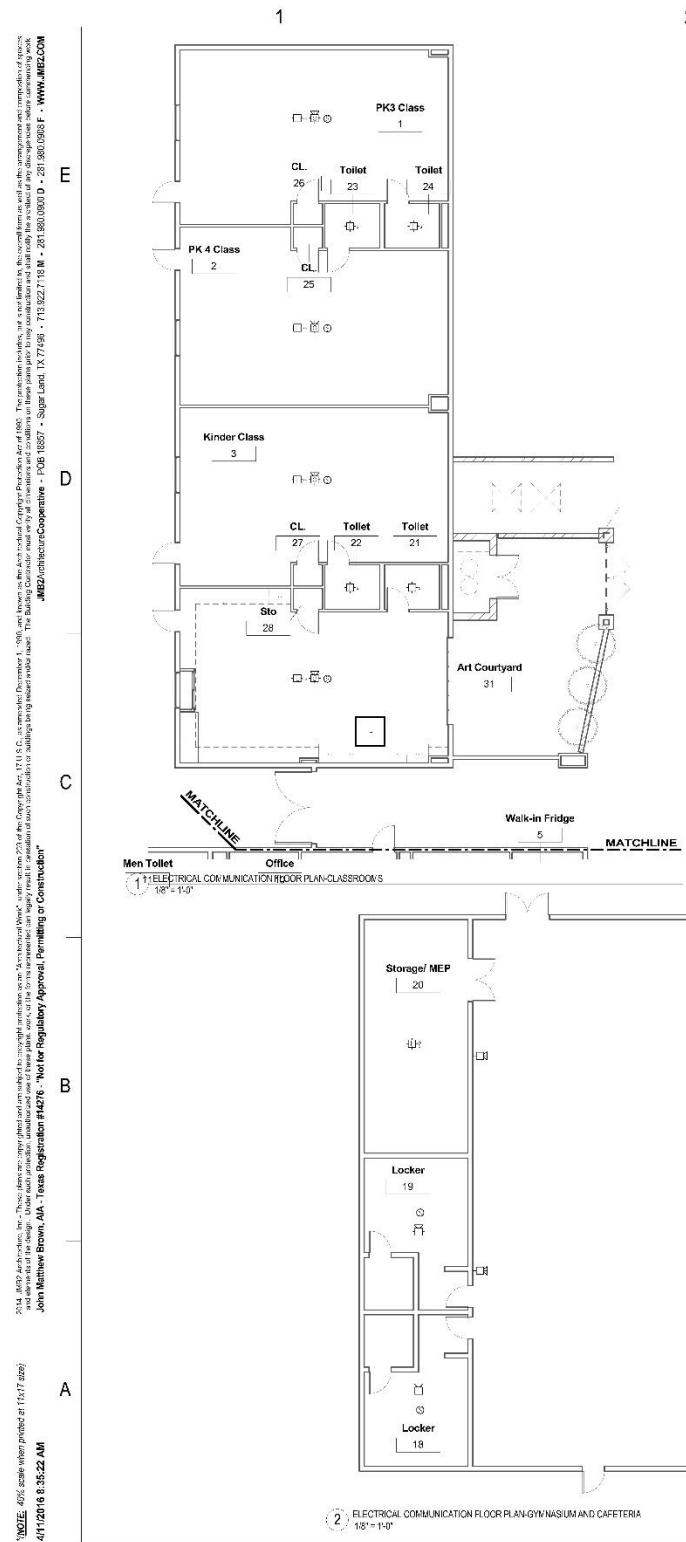


Key Plan
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Sheet Title:
ELECTRICAL COMMUNICATIONS FLOOR PLANS

ET110





ELECTRICAL COMMUNICATION GENERAL NOTES

1. ALL SIGNAL, CONDUIT OR CABLE SHALL FOLLOW ALL CONDUIT AND SIGNAL BACKSCHEDULES FOR SYSTEMS KNOWN ON THIS DRAWING OR AS SHOWN ON THE PROPOSAL.
2. IN ANY EXPOSED AREAS SUCH AS GYMNASIUMS, SHOPS, FIELDS HOUSES, JANITORS CLOSETS, OR MECHANICAL/ELECTRICAL ROOMS ALLOW VOLTAGE CABLING SHALL BE ENCLOSED IN CONDUIT.
3. ALL COMMUNICATIONS CABLE SHALL RUN DOWN THE CORRIDORS AND BRANCH OFF TO EACH CLASSROOM. TRUNKING SHALL BE RAN PERMANENTLY PERPENDICULAR TO BUILDING WALLS AND SHALL NOT BE RAN OVER CLASSROOMS.
4. WHERE VO FINISH-ED CEILING ARE SCHEDULED ALL DEVICES, CONDUIT, AND BACKSCHEDULES SHALL BE INSTALLED UP AGAINST BOTTOM OF DECK AND SHALL NOT PENETRATE BELOW CEILING OR STUBS. THE CONTRACTOR SHALL APPROVE ALL ROUTING OF ALL EXPOSED ROUGH-IN BEFORE TO PLACEMENT.
5. ANY SIGNAL, OUTLET OR OTHER DEVICE MOUNTED ON A COLUMN, PLASTER, OR STRUCTURAL WALL OFFSET SHALL BE CENTERED.
6. COORDINATE MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
7. VERIFY HANGBOARD, TACKBOARD, AND DOOR SILENT LOCATIONS WITH ARCHITECTURAL PLANS - DO NOT INSTALL DEVICES IN THESE AREAS.
8. COORDINATE EXACT LOCATION OF ALL DEVICES, ETC. INSTALLED IN WORK AREAS.
9. CONFIRM ALL COMMUNICATIONS DEVICE LOCATIONS WITH ARCHITECT PRIOR TO RUDING IN THE ARCHITECT RESERVES THE RIGHT TO LOCATE DEVICES ANYWHERE WITHIN EACH ROOM AND DETERMINE SURFACE ROUTING IF APPLICABLE.
10. COORDINATE EXACT MECHANICAL EQUIPMENT LOCATION AND TYPE WITH ARCHITECTURAL PLANS AND MECHANICAL CONTRACTOR. DO NOT RUN CONDUIT WITHIN 2'-0" OF ANY HVAC DEVICE UNLESS THE DEVICE SERVES THAT UNIT.
11. FIRE ALARM CONTRACTOR SHALL PROVIDE DUCT MOUNTED SMOKE DETECTORS AND CONTROL RELAYS WHERE REQUIRED. MECHANICAL CONTRACTOR SHALL INSTALL TO SINK AND SHARPE TUBES AND FIRE ALARM CONTRACTOR TO PROVIDE LOW VOLTAGE CONNECTION TO FIRE ALARM.
12. FIRE ALARM CONTRACTOR SHALL VERIFY ORCUT STYLE, QUANTITY, AND LOCATIONS OF DEVICES TO MEET ALL APPLICABLE CODES, LAWS, AND REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION. CONSULT WITH BASE PROPOSAL.
13. HALLWAY BRACKETRY SHALL BE INSTALLED ON ALL HALLWAY CORRIDORS.

ELECTRICAL COMMUNICATION PLAN NOTES

1. ELECTRICAL COMMUNICATION PLAN NOTES:
 2. PROVIDE TWO (2) UNDERGROUND CONDUITS FOR TELEPHONE SERVICE ENTRY, ONE (1) UNDERGROUND CONDUIT FOR NETWORK SERVICE ENTRY, AND ONE (1) UNDERGROUND CONDUIT FOR CABLE TELEVISION SERVICE ENTRY - SEE THE SITE PLAN.
 3. PROVIDE ONE (1) 1/2" UNDERGROUND CONDUIT FOR CABLE TO MARKQUEE.
 4. DATA RECEIPTS FOR ELEVATOR LOBBY EMERGENCY TWO-WAY COMMUNICATIONS SEE DETAIL.
 5. PROVIDE FIRE ALARM CONTROL MODULES FOR ELEVATOR PRIMARY SIGNAL, SECONDARY SIGNAL, TALKBACK, HOLD, TEST, TRIP, AND POWER SHUNT TRIP FUNCTION.
- PROVIDE SERVICE JACK FOR ELEVATOR CAB EMERGENCY TELEPHONE.
- PROVIDE WEATHERPROOF SINGLE GANG JUNCTION BOX WITH 1" RIGID THREADED CONDUIT STUBBED INTO ACCESSIBLE ATTIC SPACE FOR EXTERIOR OR REAR CABLING.
- MOUNT DEVICE 6" ABOVE MILLWORK BACKSPLASH.
- EXTEND 1" CONDUIT FROM ACCESSIBLE SPACE ABOVE DROP CEILING, DOWN UNDER WALL AND UNDER FLOOR TO CONDUIT BOX PROVIDE COVER AND DATA TO LOCK BOX IN CONDUIT SUPPLEMENT CONDUIT UNDER SLAB.
- EXTEND 1" CONDUIT FROM ACCESSIBLE SPACE ABOVE DROP CEILING, DOWN UNDER WALL AND UNDER SLAB TO STUB UP, EXTEND CABLING AND MOUNT DEVICE IN ATTIC AS REQUIRED.
- IN FINISHABLE WALLS ELECTRICAL CONTRACTOR TO PROVIDE ERID CADDIE MODEL #4450.
- SINGLE GANG OUTLET TRIMMING WITH PULL STRING TO ACCESSIBLE ATTIC SPACE. IN NON-FINISHABLE, INSULATED, AND EXTERIOR WALLS ELECTRICAL CONTRACTOR TO PROVIDE A SINGLE GANG JUNCTION BOX WITH 1" CONDUIT STUBBED INTO ACCESSIBLE ATTIC SPACE.
- IN FINISHABLE WALLS ELECTRICAL CONTRACTOR TO PROVIDE ERID CADDIE MODEL #4450.
- DOUBLE GANG OUTLET TRIMMING WITH PULL STRING TO ACCESSIBLE ATTIC SPACE. IN NON-FINISHABLE, INSULATED, AND EXTERIOR WALLS ELECTRICAL CONTRACTOR TO PROVIDE A DOUBLE GANG JUNCTION BOX WITH 1" CONDUIT STUBBED INTO ACCESSIBLE ATTIC SPACE.
- PROVIDE WEATHERPROOF SINGLE GANG JUNCTION BOX AT 4" AFF. FOR VISITORS IN RECEPTION ROOM STATION. ROUTE 1" CONDUIT TO ACCESSIBLE ATTIC SPACE.
- PROVIDE SINGLE GANG JUNCTION BOX AT 4" AFF. FOR VISITORS INTERCOM MASTER STATION.
- PROVIDE A FIRE ALARM CONTROL RELAY PROGRAMMED TO OPERATE ON GENERAL ALARM TO OPEN THE SECURITY GRILL.
- PROVIDE A FIRE ALARM CONTROL RELAY TO CLOSE THE FIRE DOOR ON A FIRE ONLY WHEN ONE OF THE ADJACENT SMOKE DETECTORS INITIATES AN ALARM CONDITION.
- MEP RACK
- 1/2" RACK
- INTERCOM RACK
- AMP RACK
- CA-40 ACCESS PANEL
- SECURITY SYSTEM PANEL
- DATA RECEIPTS FOR IRRIGATION CONTROLS, COORDINATE EXACT LOCATION WITH IRRIGATION CONTRACTOR.
- DATA RECEIPTS FOR EACH OR EACH COORDINATE EXACT LOCATION WITH CONDUITS CONTRACTOR.

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2 ELECTRICAL COMMUNICATION FLOOR PLAN-GYMNASIUM AND CAFETERIA 1/8" = 1'-0"

JASON W. REED
 LICENSED ELECTRICAL ENGINEER
 #112218 8/18/22 AM

TOMMY D. FENTER
 LICENSED ELECTRICAL ENGINEER
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SUBMISSION OF THIS DRAWING CONSTITUTES ACCEPTANCE BY THE CONTRACTOR. THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDES ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

JMB2 ARCHITECTURE COOPERATIVE
 1000 West 19th Street, Suite 1000, Fort Worth, TX 76102
 817.508.0800 www.jmb2-arch.com

Consultants:
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 BAS
STRUCTURAL
 Vengrats Engineering, Inc.
MEP
 EMA

Issue Date: Issue Date
 REVIEW ONLY
 Preliminary Review Drawings (not for construction)

Gym, Dining and Class Building
 Enter address here
Saint Anthony School

| | |
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| Project No. | #Project Number |
| Date | Issue Date |
| Drawn by | JO |
| Checked by | OC |
| Scale | 1/8" = 1'-0" |

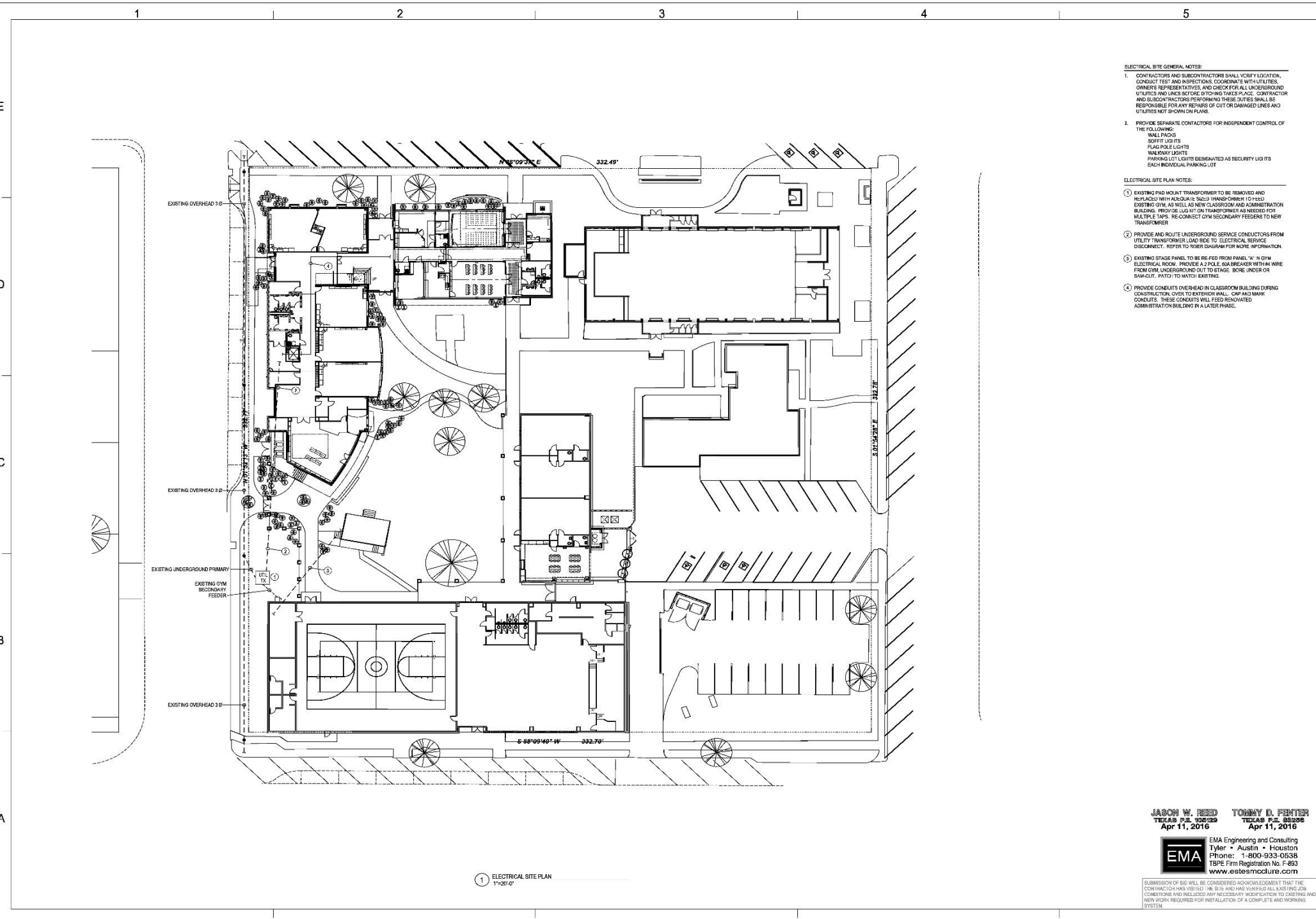
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Key Plan
 NORTH
 NTS

Sheet Title:
ELECTRICAL COMMUNICATIONS FLOOR PLANS

ET110

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 JOHN MATTHEW BROWN, AIA - Texas Registration #4276 - Not for Regulatory Approval, Permitting or Construction
 4772016 11:40:16 AM



- ELECTRICAL SITE GENERAL NOTES:**
1. CONTRACTORS AND SUBCONTRACTORS SHALL VERIFY LOCATION, CONDUIT TEST AND INSPECTIONS, COORDINATE WITH UTILITIES, OWNERS REPRESENTATIVES, AND CHECK FOR ALL UNDERGROUND UTILITIES PRIOR TO DITCHING TAKE-UP. CONTRACTOR AND SUBCONTRACTORS PERFORMING THESE DUTIES SHALL BE RESPONSIBLE FOR ANY REPAIRS OF CUT OR DAMAGED LINES AND UTILITIES NOT SHOWN ON PLANS.
 2. PROVIDE SEPARATE CONTACTORS FOR INDEPENDENT CONTROL OF THE FOLLOWING:
 - WALL FIXTURES
 - SOFT LIG LITS
 - FLUORESCENT LIGHTS
 - WALKWAY LIGHTS
 - PARKING LOT LIGHTS DESIGNATED AS SECURITY LIGHTS
 - EACH INDIVIDUAL PARKING LOT

- ELECTRICAL SITE PLAN NOTES:**
1. EXISTING PAD MOUNT TRANSFORMER TO BE REMOVED AND REPLACED WITH AIRCRAFT IN SUGG TRANSFORMER TO FEED EXISTING GYM, AS WELL AS NEW CLASSROOM AND ADMINISTRATION BUILDING. PROVIDE LIGHT KIT ON TRANSFORMER AS NEEDED FOR MULTIPLE TAPS. RE-CONNECT GYM SECONDARY FEEDERS TO NEW TRANSFORMER.
 2. PROVIDE AND ROUTE UNDERGROUND SERVICE CONDUCTORS FROM UTILITY TRANSFORMER LOAD SIDE TO ELECTRICAL SERVICE DISCONNECT. REFER TO RISER DIAGRAM FOR MORE INFORMATION.
 3. EXISTING STAGE PANEL TO BE RE-FED FROM PANEL 'X' IN GYM ELECTRICAL ROOM. PROVIDE A POLE OR BREAKER WITH WIRE FROM GYM UNDERGROUND OUT TO STAGE. BORE UNDER OR SHIMMIE PATCH TO MATCH EXISTING.
 4. PROVIDE CONDUITS OVERHEAD IN CLASSROOM BUILDING DURING CONSTRUCTION, COVER TO EXTERIOR WALL. CAP AND MARK CONDUITS. THESE CONDUITS WILL FEED RENOVATED ADMINISTRATION BUILDING IN A LATER PHASE.

1 ELECTRICAL SITE PLAN
1"=20'-0"

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SUBMISSION OF SET WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VERIFIED THE SITE AND UNDERSTOOD ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.



Consultants:
 CIVIL: SAS
 STRUCTURAL: Morphate Engineering, Inc.
 MEP: EMA

Issue Date: 04/11/2016

REVIEW ONLY
 NOT FOR CONSTRUCTION
 APR 11 2016

Preliminary Review Drawings (not for construction)



Saint Anthony School
 635 Bonham St, Columbus, TX 76834
 The Catholic Diocese of Victoria in Texas

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| Project No. | 816-06 |
| Date | 04/11/2016 |
| Drawn by | AMD |
| Checked by | GCC |
| Scale | 1" = 20'-0" |

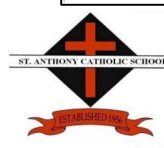
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ELECTRICAL SITE PLAN

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1 ELECTRICAL FIRST FLOOR PLAN
1/8" = 1'-0"

2 ELECTRICAL SECOND FLOOR PLAN
1/8" = 1'-0"

ELECTRICAL GENERAL NOTES

(SOME NOTES MAY NOT BE USED)

1. PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH CIRCUIT. SINGLE CIRCUITS SHALL NOT SHARE A COMMON NEUTRAL. NEUTRAL CONDUCTORS SHALL BE IDENTIFIED AS SUCH BY MARKING CONDUCTORS. NEUTRAL CONDUCTORS SHALL NOT BE OF A REDUCED SIZE.
2. ALL CONDUIT AND CABLES SHALL BE INSTALLED IN EITHER THE TOP OR BOTTOM OF CHASES OR CHASES. WHERE NO CHASES ARE AVAILABLE, ALL CONDUIT SHALL BE RUN AGAINST BOTTOM OF TOP CHASES.
3. ROUTE CONDUIT IN EXPOSED AREAS PERPENDICULAR OR PARALLEL TO WALLS. ROUTE CONDUIT AS HIGH AS POSSIBLE AND ROUTE CONDUIT ABOVE ALL OTHERS. CONDUIT SHALL BE 3/4" OR 1" RIGID.
4. VERIFY ALL INSTALLATION HEIGHTS OF RECEPTACLES WITH ARCHITECTURAL CASEWORK DETAILS BEFORE INSTALLATION.
5. DURING THE SUBMITTAL PHASE, THIS CONTRACTOR SHALL SUBMIT LAYOUT OF SWITCHGEAR IN EACH EQUIPMENT ROOM WHERE SWITCHGEAR IS LOCATED. ALL SWITCHGEAR LAYOUTS WILL BE CHAINED TO ELECTRICAL DRAWINGS.
6. THE CONTRACTOR AND SUBCONTRACTORS SHALL COORDINATE WITH ALL UTILITY COMPANIES AND THE OWNER'S REPRESENTATIVE TO DETERMINE THE LOCATION OF ALL EXISTING LINES AND UTILITIES BEFORE ANY WORK IS PERFORMED. THE LOCATION OF ALL EXISTING LINES AND UTILITIES SHALL BE RESPONSIBLE FOR SUPPLY OF ANY UTILITIES OR LINES ON THE SITE. LINES AND UTILITIES SHALL BE IDENTIFIED BY THE CONTRACTOR.
7. EXACT MECHANICAL EQUIPMENT LOCATIONS AND TYPES SHALL BE COORDINATED WITH MECHANICAL PLANS AND MECHANICAL CONTRACTORS. DO NOT INSTALL CONDUIT CABLES WITHIN 18" OF ANY MECHANICAL EQUIPMENT UNLESS THE CONTRACTOR CAN SHOW PROTECTION FOR THE LINES.
8. ALL LINES WITHIN THE MECHANICAL ROOMS SHALL BE IDENTIFIED BY THE CONTRACTOR. PROVIDE A LISTED WALL MOUNTED CIRCUIT BREAKER AS A DISCONNECTING MEANS AT EACH MOTOR. FOR MOTORS SHOWN WITH "MS" PROVIDE A LISTED WALL MOUNTED CIRCUIT BREAKER WITH OVERLOAD PROTECTION AS SHOWN ON THE MECHANICAL DRAWINGS.
9. COORDINATE CONDUIT ROOF PENETRATIONS WITH MECHANICAL ROOF PENETRATIONS AND/OR THROUGH ROOF PENETRATIONS TO CONDENSING UNITS.
10. REFER TO MECHANICAL DRAWINGS FOR EXACT MECHANICAL EQUIPMENT LOCATIONS. PROVIDE CONDUIT AND BORDERS TO MECHANICAL EQUIPMENT ROOMS. REFER TO MECHANICAL DRAWINGS FOR EXACT MECHANICAL EQUIPMENT LOCATIONS.
11. VERIFY THE MECHANICAL DRAWINGS LOCATIONS WITH ARCHITECTURAL PLANS. VERIFY ALL MECHANICAL EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS.
12. EXACT LOCATION OF ALL OUTLETS, SWITCHES, ETC. INSTALLED IN MOVABLE FURNITURE SHALL BE COORDINATED WITH ARCHITECT AND OWNER.
13. REFER TO ELECTRICAL COMMUNICATION DRAWINGS FOR SPECIFIC LOCATION OF CONDUIT AND BORDERS TO ELECTRICAL COMMUNICATION EQUIPMENT ROOMS.
14. TAMPER RESISTANT RECEPTACLES SHALL BE PROVIDED IN ALL SPACES ACCESSIBLE TO STUDENTS IN 11'-0" GRADE AND BELOW.

ELECTRICAL PLAN NOTES

(SOME NOTES MAY NOT BE USED)

1. HEAVY DUTY GROUND MAINTENANCE OUTLET MOUNTED BELOW DISCONNECT.
2. OUTLET INSTALLED ABOVE MECHANICAL EQUIPMENT. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
3. ENG. OUTLET INSTALLED 20" A.F.F. - ON GFCI BREAKER.
4. GFI OUTLET INSTALLED 18" A.F.F.
5. HEAVY DUTY GROUND MAINTENANCE OUTLET 18" A.F.F.
6. GFI OUTLET INSTALLED 18" A.F.F.
7. HANG DOWN'S OUTLET. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
8. EX-HOUSING - NOT CONTROLLED BY A CIRCUIT BREAKER. PROVIDE A CONNECTION WITH A 3/4" DIA. HOLES. DRILL THE CONNECTION TO THE SPACE ABOVE THE LIGHTS. IN THE AREA WHERE THE EXHAUST FAN IS LOCATED, ENSURE THE LIGHTS ARE TURNED ON. REFER TO EXHAUST FAN DETAILS.
9. EX-HOUSING - NOT CONTROLLED BY CIRCUIT BREAKER. PROVIDE A CONNECTION WITH A 3/4" DIA. HOLES. DRILL THE CONNECTION TO THE SPACE ABOVE THE LIGHTS. IN THE AREA WHERE THE EXHAUST FAN IS LOCATED, ENSURE THE LIGHTS ARE TURNED ON. REFER TO EXHAUST FAN DETAILS.
10. PROVIDE A STALL ABOVE OUTLET IN TECHNICAL BACK-BOX AT THE APPROXIMATE LOCATION OF SHEET. PROVIDE PROTECTION. DRILL 1/8" DIA. OUTLET WITH THE TIGHT FIT TO FIT IN THE BACK-BOX. COORDINATE EXACT MOUNTING HEIGHT WITH OWNER BEFORE INSTALLATION.
11. POWER ABOVE CEILING HOLES. ELECTRIC JUNCTION RELEASE HARDWARE FOR CONNECTION TO DRILLING ACCESS SYSTEM.
12. PROVIDE A 3/4" DIA. BUNDLE OUTLET WITH 1/4" DIA. BUNDLE EQUAL TO PASS & BEYOND THROUGH WALLS.
13. MILLWORK RECEPTACLES - PROVIDE A 1" CONDUIT FROM ACCESSIBLE ATTIC SPACE TO DOWNHOLE NEARBY WALL AND VERIFY TO BE TO JUNCTION BOX. CONDUIT CONCEALED IN MILLWORK TO OUTLET SPACE. DO NOT INSTALL OUTLET FACE PLATE FACING UP IN MILLWORK. VERIFY EXACT LOCATION OF JUNCTION BOX FROM ELECTRICAL PLAN WITH ARCHITECTURAL DRAWINGS.
14. FIRE ALARM PANEL - PROVIDE CONDUITS TO ATTIC SPACE PER FIRE ALARM CONTRACTOR'S SHOP DRAWINGS. INSTALL EMPTY 3/4" CONDUIT TO ATTIC SPACE FROM HERE.
15. PROVIDE A HUBBELL THREE LOCK 1/2" DIA. BUNDLE RECEPTACLE OR EQUAL. COORDINATE EXACT RECEPTACLE TYPE WITH OWNER BEFORE INSTALLATION.

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ELECTRICAL COMMUNICATION GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT AND STANDARD BACKBOXES FOR SYSTEMS SHOWN ON THIS DRAWING IN BASE PROPOSAL.
- IN ANY EXPOSED AREAS SUCH AS GYM VESTIBULES, SHOPS, HALLS, HOUNS, JANITORS CLOSETS, OR MECHANICAL/ELECTRICAL ROOMS ALL LOW VOLTAGE CABLES SHALL BE ENCASED IN CONDUIT.
- ALL COMMUNICATIONS CABLEING SHALL RUN DOWN THE CORRIDORS AND BRANCH OFF TO EACH CLASSROOM. TRUNNINGS SHALL BE 3/4" RIGIDLY PERPENDICULAR TO BUILDING WALLS AND SHALL NOT BE RUN OVER CLOSURES.
- WHERE UNFINISHED CEILINGS ARE SCHEDULED ALL DEVICES, CONDUIT, AND BACKBOXES SHALL BE INSTALLED UP AGAINST BOTTOM OF CEILING AND SHALL NOT PROTRUDE BELOW BOTTOM OF CEILING. THE HIGHEST SHALL APPROXIMATE ROUTING OF ALL EXPOSED JOHNS BE PROXY TO PLACE IT.
- ANY SIGNAL OUTLET OR OTHER DEVICE KNOWN ON A COLUMN, PLASTER, OR SIMILAR WALL OF SET SHALL BE CENTERED.
- COORDINATE MOUNTING HEIGHT OF DEVICES ABOUT BUILDING WITH ARCHITECTURAL PLANS.
- UNLESS SPECIFICALLY NOTED, ALL WORK SHALL BE IN ACCORDANCE WITH ARCHITECTURAL PLANS. DO NOT INSTALL DEVICES IN THESE AREAS.
- COORDINATE EXACT LOCATION OF ALL DEVICES, ETC. INSTALLED IN MOVABLE FURNITURE WITH ARCHITECT AND OWNER.
- COORDINATE COMMUNICATIONS DEVICE LOCATIONS WITH ARCHITECT PRIOR TO WORKING IN THE PROJECT. RESERVE THE 95% TO 100% LOCAL DEVICES APPROXIMATE WITH EACH ROOM AND DETERMINE SURFACE RACKING ROUTING IF APPLICABLE.
- COORDINATE EXACT MECHANICAL EQUIPMENT LOCATION AND TYPE WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR. DO NOT INSTALL CONDUIT WITHIN 1" OF ANY MECHANICAL UNLESS THE SERVICE SERVICE IS 1/2" DIA.
- FIRE ALARM CONTRACTOR SHALL PROVIDE ALL SIGNALING DEVICES, DETECTORS AND CONTROL RELAYS WHERE REQUIRED. MECHANICAL CONTRACTOR SHALL INSTALL HOLES AND SAMPLE TUBES IN DUCT FIRE ALARM CONTRACTOR TO PROVIDE LOW VOLTAGE CONNECTION TO FIRE ALARM.
- ALL ALARM CONTRACTOR SHALL VERIFY CIRCULAR SIGNALING DEVICES AND ALL LOCATIONS OF DEVICES TO MEET ALL APPLICABLE CODES, LAWS, AND ALL REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION FOR INSTALLATION IN BASE PROPOSAL.
- REFER TO SPECIFICATION 200501.27 AND 28 FOR ADDITIONAL INFORMATION.

ELECTRICAL COMMUNICATION PLAN NOTES

- ELECTRICAL COMMUNICATION PLAN NOTES:
 - PROVIDE TWO (2) UNDERGROUND CONDUITS FOR TELEPHONE SERVICE ENTRY, ONE (1) UNDERGROUND CONDUIT FOR NETWORK SERVICES ENTRY, AND ONE (1) UNDERGROUND CONDUIT FOR CABLE TELEVISION SERVICE ENTRY - SEE THE SITE PLAN.
 - PROVIDE ONE (1) 2" UNDERGROUND CONDUIT FOR CABLEING TO MARQUEE.
 - DATA RECEPTACLE FOR ELEVATOR LOBBY EMERGENCY TROVADY COMMUNICATIONS. SEE DETAIL.
 - PROVIDE FIRE ALARM CONTROL MODULES FOR ELEVATOR PRIMARY RECALL, SECONDARY RECALL, TERTIARY RECALL, FIRE FIGHTER WARNING AND POWER SHUT OFF FUNCTION.
- PROVIDE SERVICE JACK FOR ELEVATOR EMERGENCY TELEPHONE.
- PROVIDE 1/2" DIA. 1/2" RIGID CONDUIT, SINGLE GANG JUNCTION BOX WITH 1" DIA. 3/4" RIGID CONDUIT STUBBED INTO ACCESSIBLE ATTIC SPACE FOR EXTERIOR CAMERA CABLEING.
- VOIDS: DEVICE 4" ABOVE MILL WORK BACKSLASH.
- EXISTING 1" CONDUIT FROM ACCESSIBLE SPACE ABOVE DROP CEILING DOWN INSIDE WALL AND UNDER SLAB TO FLOOR BOX. PROVIDE POWER AND DATA TO FLOOR BOX THROUGH SEPARATE CONDUIT UNDER SLAB.
- EXTEND 1" CONDUIT FROM ACCESSIBLE SPACE ABOVE DROP CEILING DOWN INSIDE WALL AND UNDER SLAB TO STUB UP, EXTEND CABLEING AND MOUNT CONDUIT IN ATTIC SPACE AS REQUIRED.
- IN FINISHABLE WALLS ELECTRICAL CONTRACTOR TO PROVIDE ERICO CADJIE MOBILE JUNCTION BOXES.
- DOUBLE GANG CUT-IN TRIMMING WITH FULL STRING TO ACCESSIBLE ATTIC SPACE. IN UNFINISHABLE INSULATED AND EXTERIOR WALLS, ELECTRICAL CONTRACTOR TO PROVIDE ERICO CADJIE MOBILE JUNCTION BOX WITH 1" CONDUIT STUBBED INTO ACCESSIBLE ATTIC SPACE.
- IN FINISHABLE WALLS ELECTRICAL CONTRACTOR TO PROVIDE ERICO CADJIE MOBILE JUNCTION BOXES.
- DOUBLE GANG CUT-IN TRIMMING WITH FULL STRING TO ACCESSIBLE ATTIC SPACE. IN UNFINISHABLE INSULATED AND EXTERIOR WALLS, ELECTRICAL CONTRACTOR TO PROVIDE ERICO CADJIE MOBILE JUNCTION BOX WITH 1" CONDUIT STUBBED INTO ACCESSIBLE ATTIC SPACE.
- PROVIDE 1/2" DIA. 1/2" RIGID CONDUIT, SINGLE GANG JUNCTION BOX AT 4" AFF. G. FOR VISITORS INTERCOM OPERATION. ROUTE 1" CONDUIT TO ACCESSIBLE INTERIOR ATTIC SPACE.
- PROVIDE SINGLE GANG JUNCTION BOX AT 18" AFF. FOR VISITORS INTERCOM HOSTER STATION.
- PROVIDE A FIRE ALARM CONTROL RELAY PROGRAMMED TO OPERATE ON GENERAL ALARM TO OPEN THE SECURITY DOOR.
- PROVIDE A FIRE ALARM CONTROL RELAY TO CLOSE THE FIRE DOOR ON ALARM CONDITION.
- DATA RECEPTACLE FOR EMCS. COORDINATE EXACT LOCATION WITH CONTROLS CONTRACTOR.



Consultants:
CIVIL:
 BAS
STRUCTURAL:
 Venghats Engineering, Inc.
MEP:
 EMA

Issue Date: 04/11/2016
REVIEW ONLY
 Preliminary Review Drawings (not for construction)



Saint Anthony School
 635 Burnham St., Columbus, TX 78834
 The Catholic Diocese of Victoria in Texas

| | |
|-------------|--------------|
| Project No. | #1506 |
| Date | 04/11/2016 |
| Drawn by | JH |
| Checked by | OC |
| Scale | 1/8" = 1'-0" |

| Revisions: | No. | Description: | Date: |
|------------|-----|--------------|-------|
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Sheet Title:
ELECTRICAL COMMUNICATION SECOND FLOOR PLAN

JASON W. REED
 TEXAS REG. #1506
 4/11/2016 8:37:57 AM
TOMMY D. FENTER
 TEXAS REG. #1506
 4/11/2016 8:37:57 AM
EMA
 EMA Engineering and Consulting
 Tyler • Austin • Houston
 Phone: 1-800-933-0538
 TBPE Firm Registration No. F-893
 www.estsmcclure.com
 SUBMISSION OF THIS PLAN IS CONSIDERED AN AGREEMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDES ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

ET120



Outline Specifications



5

Outline Specifications | Table of Contents

St. Anthony New 21st Century School Procurement and Contracting Documents Group

PROCUREMENT AND CONTRACTING DOCUMENTS GROUP

DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

003132 GEOTECHNICAL DATA

SPECIFICATIONS GROUP

General Requirements Subgroup

DIVISION 01 - GENERAL REQUIREMENTS

011000 SUMMARY
012100 ALLOWANCES
012200 UNIT PRICES
012300 ALTERNATES
012500 SUBSTITUTION PROCEDURES
012600 CONTRACT MODIFICATION PROCEDURES
012900 PAYMENT PROCEDURES
013100 PROJECT MANAGEMENT AND COORDINATION
013200 CONSTRUCTION PROGRESS DOCUMENTATION
013300 SUBMITTAL PROCEDURES
014000 QUALITY REQUIREMENTS
014200 REFERENCES
015000 TEMPORARY FACILITIES AND CONTROLS
016000 PRODUCT REQUIREMENTS
017300 EXECUTION
017419 CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL
017700 CLOSEOUT PROCEDURES
017823 OPERATION AND MAINTENANCE DATA
017839 PROJECT RECORD DOCUMENTS
017900 DEMONSTRATION AND TRAINING

Facility Construction Subgroup

DIVISION 02 - EXISTING CONDITIONS

023800 DRILLED CONCRETE PIERS AND SHAFTS
024119 SELECTIVE DEMOLITION

DIVISION 03 - CONCRETE

033000.13 COLD WEATHER CONCRETING
033000.16 HOT WEATHER CONCRETING
031000 CONCRETE FORMING AND ACCESSORIES
032000 CONCRETE REINFORCING
033000 CAST-IN-PLACE CONCRETE
033116 LIGHTWEIGHT CONCRETE
033543 CONCRETE FINISHING SYSTEMS

DIVISION 04 - MASONRY

040503 MASONRY MORTARING AND GROUTING
042000 UNIT MASONRY
044313.16 ADHERED STONE MASONRY VENEER
047200 CAST STONE MASONRY

DIVISION 05 - METALS

051200 STRUCTURAL STEEL FRAMING
052100 STEEL JOISTS FRAMING
053123 STEEL ROOF DECKING
053113 STEEL FLOOR DECKING
054000 COLD-FORMED METAL FRAMING
055000 METAL FABRICATIONS
055113 METAL PAN STAIRS
055213 PIPE AND TUBE RAILINGS
057100 DECORATIVE METAL STAIRS

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

061053 MISCELLANEOUS ROUGH CARPENTRY
061600 SHEATHING
062023 INTERIOR FINISH CARPENTRY
067413 FIBERGLASS REINFORCED GRATINGS

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

071616 CRYSTALLINE WATERPROOFING
072100 THERMAL INSULATION
072419 WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)
072500 WEATHER BARRIERS
074213.23 METAL COMPOSITE MATERIAL WALL PANELS
075552 MODIFIED BITUMINOUS PROTECTED MEMBRANE ROOFING
076200 SHEET METAL FLASHING AND TRIM
077200 ROOF ACCESSORIES
078413 PENETRATION FIRESTOPPING
078443 JOINT FIRESTOPPING
079200 JOINT SEALANTS

DIVISION 08 - OPENINGS

081113 HOLLOW METAL DOORS AND FRAMES
081416 FLUSH WOOD DOORS
083113 ACCESS DOORS AND FRAMES
084113 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS
087100 DOOR HARDWARE
088000 GLAZING
088113 DECORATIVE GLASS GLAZING
088300 MIRRORS

DIVISION 09 - FINISHES

092216 NON-STRUCTURAL METAL FRAMING
092400 CEMENT PLASTERING
092900 GYPSUM BOARD
093013 CERAMIC TILING
095113 ACOUSTICAL PANEL CEILINGS
096513 RESILIENT BASE AND ACCESSORIES
096519 RESILIENT TILE FLOORING
096813 TILE CARPETING
097200 WALL COVERINGS
099123 INTERIOR PAINTING
099600 HIGH-PERFORMANCE COATINGS



Facility Services Subgroup

DIVISION 10 - SPECIALTIES

- 101100 VISUAL DISPLAY UNITS
- 101416 PLAQUES
- 101419 DIMENSIONAL LETTER SIGNAGE
- 102113.19 PLASTIC TOILET COMPARTMENTS
- 102123 CUBICLE CURTAINS AND TRACK
- 102800 TOILET, BATH, AND LAUNDRY ACCESSORIES
- 104413 FIRE PROTECTION CABINETS
- 104416 FIRE EXTINGUISHERS
- 105123 PLASTIC-LAMINATE-CLAD LOCKERS
- 105320 CANOPIES AND SUNSCREENS
- 107516 GROUND-SET FLAGPOLES

DIVISION 11 - EQUIPMENT

- 113100 RESIDENTIAL APPLIANCES
- 115313 LABORATORY FUME HOODS

DIVISION 12 - FURNISHINGS

- 122113 LOUVER BLINDS
- 122200 CURTAINS AND DRAPES
- 123213 MANUFACTURED WOOD-VENEER-FACED CASEWORK
- 123216 MANUFACTURED PLASTIC-LAMINATE-FACED CASEWORK
- 123553.19 WOOD LABORATORY CASEWORK

DIVISION 14 - CONVEYING EQUIPMENT

- 142400 HYDRAULIC ELEVATORS

DIVISION 21 - FIRE SUPPRESSION

(SECTIONS T.B.D.)

DIVISION 22 - PLUMBING

- 220010 BASIC PLUMBING REQUIREMENTS
- 220090 PLUMBING SUBMITTAL PROCEDURES
- 220524 VALVES - GENERAL
- 220530 PIPE AND PIPE FITTINGS - GENERAL
- 220554 PLUMBING IDENTIFICATION
- 220720 PIPING INSULATION
- 221117 DOMESTIC WATER PIPING & APPURTENANCES
- 221317 SOIL, WASTE & SANITARY DRAIN PIPING, VENT PIPING & APPURTENANCES
- 221401 ROOF DRAINAGE AND APPURTENANCES
- 221601 NATURAL GAS PIPING AND APPURTENANCES
- 223334 ACCESS DOORS
- 224001 PLUMBING FIXTURES AND FIXTURE CARRIERS

DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)

- 230010 BASIC MECHANICAL REQUIREMENTS
- 230532 ROOF CURBS
- 230534 ISOLATION DEVICES
- 230554 MECHANICAL IDENTIFICATION
- 230701 DUCT AND GRILLE INSULATION
- 230721 REFRIGERANT PIPING INSULATION
- 230801 AIR AND WATER BALANCE & SYSTEM TESTING
- 230924 ENERGY MANAGEMENT CONTROL SYSTEM (EMCS)
- 232300 REFRIGERANT PIPING
- 233101 DUCTWORK
- 233334 ACCESS DOORS
- 233401 HVAC FANS
- 233714 AIR DISTRIBUTION DEVICES
- 235414 ELECTRIC UNIT HEATERS
- 238130 VARIABLE REFRIGERANT FLOW HVAC SYSTEM

DIVISION 26 - ELECTRICAL

- 260000 ELECTRICAL
- 260030 WARRANTY PERIOD
- 260090 ELECTRICAL SUBMITTAL PROCEDURES
- 260511 ELECTRICAL DEMOLITION
- 260519 LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
- 260519.19 MC CABLE
- 260526 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
- 260533.11 RACEWAYS AND CONDUITS FOR ELECTRICAL SYSTEMS
- 260533.13 BOXES AND FITTINGS FOR ELECTRICAL SYSTEMS
- 260534 PROVISIONS FOR COMMUNICATION, SECURITY & SAFETY SYSTEMS
- 260553 IDENTIFICATION FOR ELECTRICAL SYSTEMS
- 260811 TESTING OF ELECTRICAL SYSTEM
- 260913 ELECTRICAL POWER MONITORING AND CONTROL
- 260916 TIME SWITCHES
- 260921 CONTACTORS
- 260923.13 MOTION SENSOR LIGHTING CONTROLS
- 262100 LOW VOLTAGE ELECTRICAL SERVICE ENTRANCE
- 262213 LOW VOLTAGE DISTRIBUTION TRANSFORMERS
- 262416 PANELBOARDS FOR DISTRIBUTION SWITCHGEAR
- 262726 WIRING DEVICES
- 262813 FUSES
- 262816 ENCLOSED SAFETY SWITCHES AND CIRCUIT BREAKERS
- 262819 GROUND FAULT PROTECTION SYSTEM
- 264300 SURGE PROTECTIVE DEVICES (SPD)
- 265000 LIGHTING
- 265623 AREA LIGHTING
- 268213 ELECTRICAL HAND DRYERS

DIVISION 27 - COMMUNICATIONS

- 270500 GENERAL COMMUNICATION SYSTEMS REQUIREMENTS
- 275140 INTERCOM COMMUNICATION SYSTEM
- 274123 AUDIO-VIDEO ACCESSORIES

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

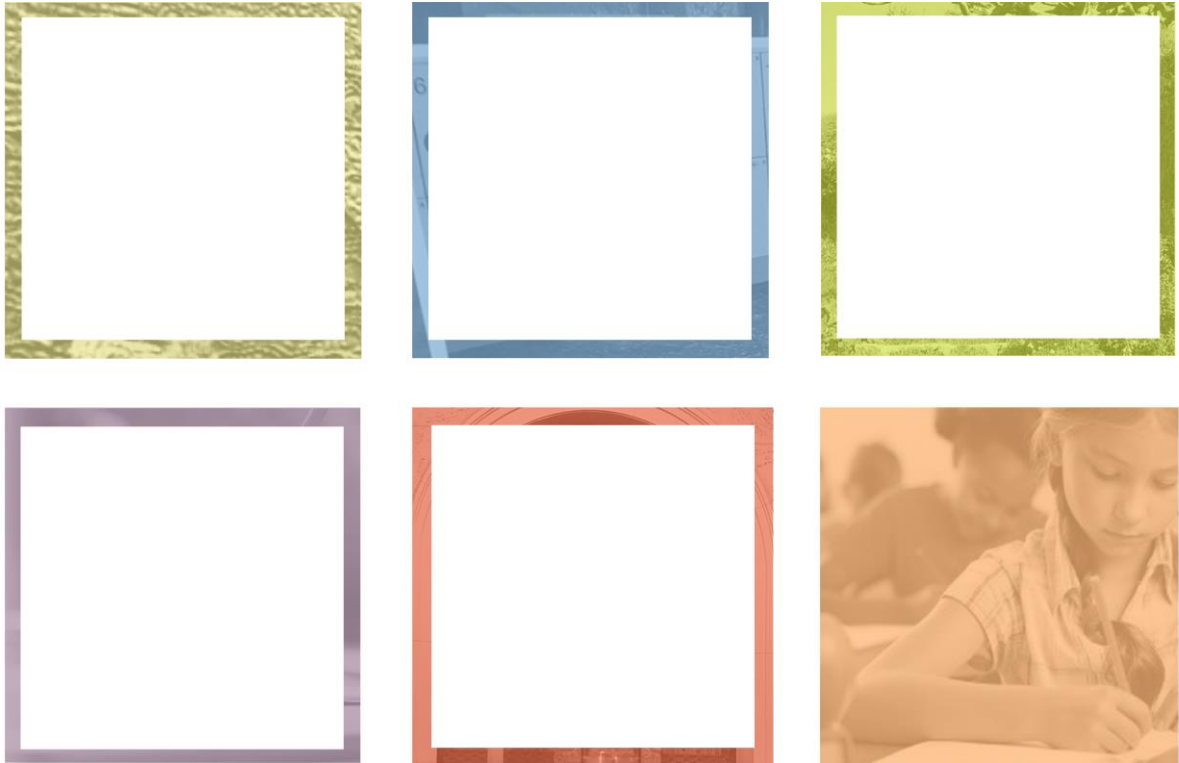
- 280500 GENERAL FIRE ALARM SYSTEM REQUIREMENTS
- 283121 FIRE DETECTION AND ALARM SYSTEM

END OF TABLE OF CONTENTS

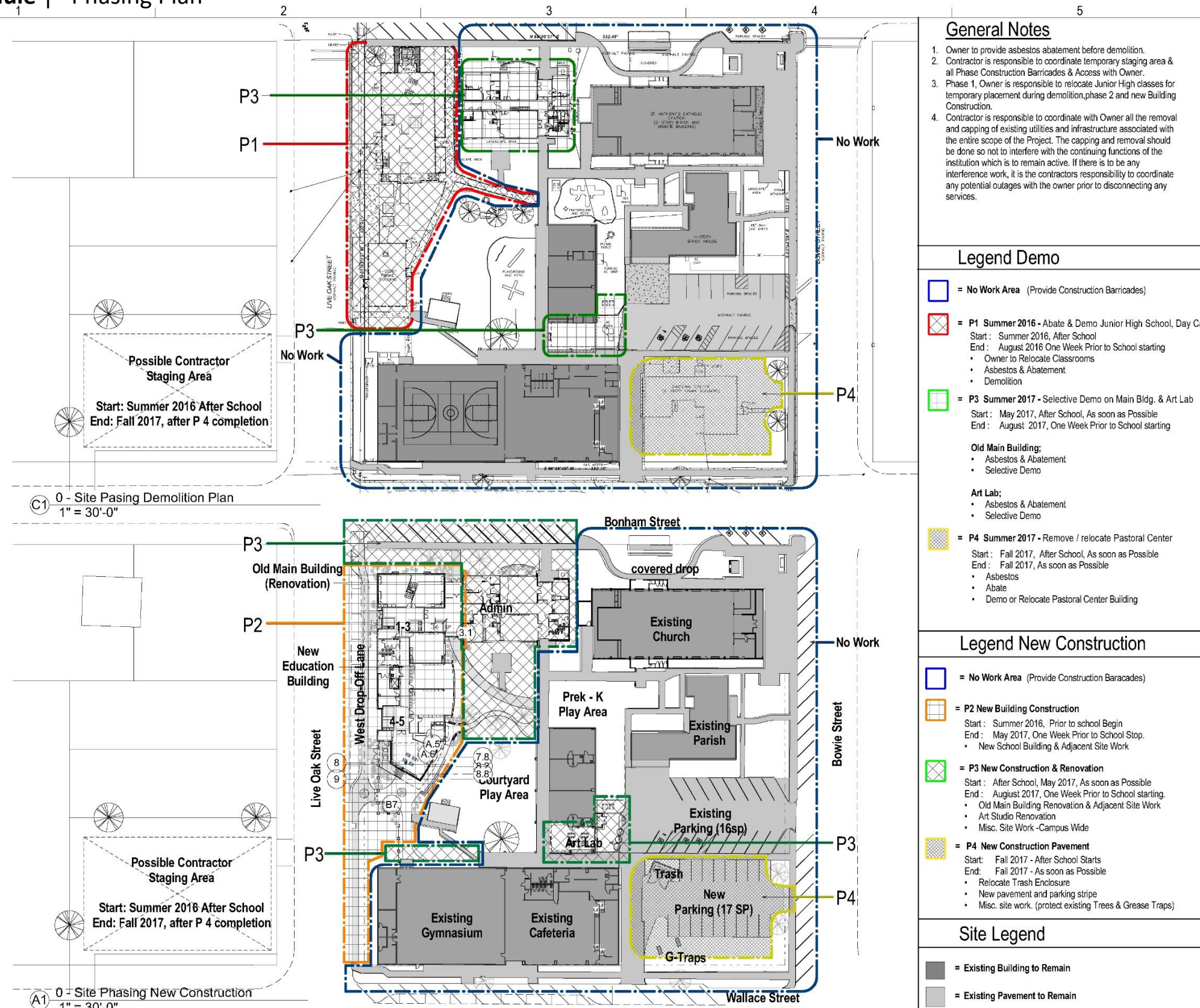




Project Schedule



Project Schedule | Phasing Plan



General Notes

1. Owner to provide asbestos abatement before demolition.
2. Contractor is responsible to coordinate temporary staging area & all Phase Construction Barricades & Access with Owner.
3. Phase 1, Owner is responsible to relocate Junior High classes for temporary placement during demolition, phase 2 and new Building Construction.
4. Contractor is responsible to coordinate with Owner all the removal and capping of existing utilities and infrastructure associated with the entire scope of the Project. The capping and removal should be done so not to interfere with the continuing functions of the institution which is to remain active. If there is to be any interference work, it is the contractors responsibility to coordinate any potential outages with the owner prior to disconnecting any services.

Legend Demo

- = No Work Area (Provide Construction Barricades)
- = P1 Summer 2016 - Abate & Demo Junior High School, Day Care
 Start: Summer 2016, After School
 End: August 2016 One Week Prior to School starting
 • Owner to Relocate Classrooms
 • Asbestos & Abatement
 • Demolition
- = P3 Summer 2017 - Selective Demo on Main Bldg. & Art Lab
 Start: May 2017, After School, As soon as Possible
 End: August 2017, One Week Prior to School starting

Old Main Building:
 • Asbestos & Abatement
 • Selective Demo

Art Lab:
 • Asbestos & Abatement
 • Selective Demo
- = P4 Summer 2017 - Remove / relocate Pastoral Center
 Start: Fall 2017, After School, As soon as Possible
 End: Fall 2017, As soon as Possible
 • Asbestos
 • Abate
 • Demo or Relocate Pastoral Center Building

Legend New Construction

- = No Work Area (Provide Construction Baracades)
- = P2 New Building Construction
 Start: Summer 2016, Prior to school Begin
 End: May 2017, One Week Prior to School Stop.
 • New School Building & Adjacent Site Work
- = P3 New Construction & Renovation
 Start: After School, May 2017, As soon as Possible
 End: August 2017, One Week Prior to School starting.
 • Old Main Building Renovation & Adjacent Site Work
 • Art Studio Renovation
 • Misc. Site Work - Campus Wide
- = P4 New Construction Pavement
 Start: Fall 2017 - After School Starts
 End: Fall 2017 - As soon as Possible
 • Relocate Trash Enclosure
 • New pavement and parking stripe
 • Misc. site work. (protect existing Trees & Grease Traps)

Site Legend

- = Existing Building to Remain
- = Existing Pavement to Remain



New 21st Century School | St. Anthony Catholic School



SAS – Saint Anthony Catholic School Project Schedule v2.2

Project Schedule Outline

Date: 5/9/16

| | |
|----------------------------|---|
| 2/6/16 | SD-DD Boards for SAS Gala |
| 2/18/16 | SAS Design Approval with comments (Ext Elevs) |
| 3/29/16 | DD Continuation (3 wks) (Base Plans Approved & send to Team) (Bring on A-E Consultants and share base plans) |
| April 2016 | City Review for Setback Variance (+ Power for Overhead Lines) |
| 4/05/16 | Client Review Meeting – provide Base plans, line drawings and fundamental systems understanding. |
| 4/12/16 | 75% DD Meeting - SAS Review/Comment + DD team Coordination |
| | <ul style="list-style-type: none"> Project Team Meeting (at JMB2 office)- 75% DD review for coordination. (Ext. Elevs/materials, FFE, Phasing, open discussions) |
| 4/19/16 | 100% DD Meeting – SAS Review/Approve (CD Start – 8 wks) |
| | <ul style="list-style-type: none"> Project Team Meeting (at JMB2 office) – 100% DD complete (+ Booklet) and coordination (prepare Demo Package) (Start Project Team Coordination, Pricing Set for OPEC) |
| <u>May 25, 2016</u> | <u>Last Day of School</u> |
| May/July 2016 | P1 – Start Abate & Demo, after school ends (summer work – 3 mos) (Relocate Classes for Construction) |
| May/June, 2016 | Client to Abate Junior High After School Ends – (2 days) |
| 5/17/16 | Project Team Meeting (at JMB2 office) |
| | <ul style="list-style-type: none"> Issue 100% Demolition package (extract 100% Demo from set to be issued first) Review 60% CD's Comment (CD QC Final – 2 wks) |
| 5/18/16 | Diocese Building Committee Review meeting |
| 6/14/16 | Project Team Meeting (at JMB2 office) |
| | <ul style="list-style-type: none"> Assemble and review 95% CD's Project Meeting at JMB2 office |
| 6/21/16 | Signed/Sealed CD - Submit for Permit / Release for Bid (3.5 wks) |
| 7/14/16 | Receive Bids (negotiate 1.5 wks) – (?advertise/invite?) |
| 7/23/16 | Finalize Contract/Approval Signatures/Notice to Proceed/Mobilize |

Construction Schedule

| | |
|--------------------------------|---|
| July 2016 | P1 - End prior to school start (overlap P2) |
| <u>August 17, 2016?</u> | <u>First Day of School</u> |
| 6/24/16 | P2 - Start New Construction (11 mos +) |
| Wkly/bi-wkly | CA – Construction meetings |
| May 2017 | P2 - End New Construction |
| <u>May 25, 2017?</u> | <u>Last Day of School</u> |
| + May 2017 | P3 - Start Abate/Demo/Renov – Old Main/Art Lab/Misc. Site (3 mos) |
| Wkly/bi-wkly | CA – Construction meetings |
| August 2017 | P3 - End prior to school start (Substantial Completion / Building COs) |
| + August 2017 | Final Completion (1wk Owner Move-In) and Occupy |
| <u>August 17, 2017?</u> | <u>First Day of School</u> |
| + August 2017 | P4 - Abate/Demo Pastoral Bldg – new trash/parking (after school start) |
| October 2017 | P4 – as soon as possible |



COLLABORATION BEGINS HERE.



St. Anthony Catholic School

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