NEW DOWELL ELEMENTARY SCHOOL
CONSOLIDATING SCHUSTER AND CROSBY

COMMUNITY MEETING – NOV. 13, 2017
AGENDA 11.13.17

I. Introductions

II. Presentation of Overall Project Scope

III. Programming Phase Review

IV. Update/Status of Current Design Phase: Schematic Design

V. Schematic Design Process Diagrams

VI. Break Up Into 4 Groups - Design Charrette Workstations;
   a. Building Planning
   b. Form & Materials
   c. Learning Environments
   d. Site & Landscaping

VII. Summary of Group Workstations

VIII. Adjourn
New 2-story Elementary School (Pre-k thru 5th) Consolidation of Dowell ES, Schuster ES & Crosby ES

New Construction: Approximately 100,000 sq.ft.

Includes new separate bus & parent drop off/pick up areas and a new parking lot.

Demolition: Approximately 52,000 sq.ft. (only includes existing Dowell Elementary School)
PRESENTATION OF OVERALL PROJECT SCOPE

2016

BOND

PROJECT BUDGET

- Total Project Cost: $28,300,983
- 100% Construction Cost Limit (CCL): $21,805,000
  (Approx. $500k Demolition)
- Design to 90% CCL: $19,624,500
Design Phase Review
21st Century Learning Environments

- Fully integrated approach to discovery-based learning that prepares students for a successful future
- Classroom pods and neighborhoods
- Large group collaboration areas and nooks for individual or small group learning located throughout campus
- Integrated technology
- Design “through the eyes of a child” with sensitivity to children’s scale
- Flexible Space Design
DESIGN PHASE REVIEW
21ST CENTURY LEARNING ENVIRONMENTS

- Adaptable and flexible spaces
- School building and the local community
- Embrace virtual education
- Protected exterior space as an extension of the learning space
- Secure facility that is also open, collaborative and welcoming
DESIGN PHASE REVIEW

TYPICAL ARCHITECTURAL SERVICES

- Programming
- Schematic Design
- Design Development
- Construction Documents
- Construction Administration
43. PRE-K THRU 5TH GRADE CLASSROOMS (with 21 century learning environments)
2. SPECIAL EDUCATION SUITES
1. ART CLASSROOM
1. SCIENCE CLASSROOM
1. PHYSICAL EDUCATION / CAFETERIA MULTIPURPOSE ROOM
1. FULL SERVICE KITCHEN
1. MEDIA CENTER / COMPUTER LAB
1. ADMINISTRATION & OTHER SUPPORT AREAS
SPECIALIZED CLASSROOMS

Special Education
- Dedicated Living Skills/Sensory
- Special Education Suite
- Flex Spaces Cross-Programmed
- with Special Education Uses

Science Classroom
- Types of Work Being Performed
- Stain and Chemical Resistance
- Teacher Planning Area
- Storage Requirements

Computer Lab
- Near Media Center
- Flexible Furnishings
- Seamless Technology
- Over-the-shoulder Instruction
- Work Display and Review

LIVING SKILLS/SENSORY/SPECIAL EDUCATION SUITE 1200 sf

STORAGE

STORAGE

SCIENCE CLASSROOM 1200 sf

LIVING SKILLS/SENSORY/SPECIAL EDUCATION SUITE 1200 sf

STORAGE

ACADEMIC CLASSROOMS

SPECIALIZED FLEX SPACE

MEDIA CENTER

PHYSICAL EDUCATION/FOOD SERVICE

Cafeteria
Full Service Kitchen
Sized for Grade Level Lunch
Periods
Recycling Center
Communication with Gym & Commons for Cross Programming
Access to Outdoor Dining
Cafeteria Sized for 1/3 Student Population

Multi-Purpose Room
Available for After School Events
Communication with Cafeteria & Commons for Cross Programming
Public Restrooms Nearby
Geared Toward Skill Based Curriculum & Multiple Activities
Adjustable Goalposts

Music
Shared with Stage Space
Sound Attenuation (Non-parallel Walls)
Instrument Storage
Music Library
Access to Outdoor Amphitheatre

MULTI-PURPOSE ROOM
4000 sf

STORAGE
200 sf

STAGE/MUSIC
1,000 sf

CHAIR STORAGE
300 sf

PE OFFICE
64 sf

PE STORAGE
300 sf

SERVICE YARD

NEW Dowell Elementary School - Programming Diagrams - Vigil & Associates - Sept. 2017
MEDIA CENTER / COMPUTER LEARNING

Media Center
Circulation Desk to have Visual Access to Most Areas
Crossover with Commons for Greater Functionality
Instructional/Workstudy/Breakout Areas
Storytelling/Videos/Presentations
Display Options

Computer Lab
School Computer Lab which should house a minimum of 20 student computer stations (30 maximum) for testing.
Crossover with Media Center for Greater Functionality and Flexibility in future use.

STORAGE
100 sf

BOOK STACKS

MEDIA CENTER
2000 sf

WORKROOM/OFFICE
400 sf

COMPUTER LAB
1200 sf

HALL

CONFERENCE ROOM
100 sf

CIRCULATION DESK
UPDATE/STATUS OF CURRENT DESIGN PHASE (GENERAL OVERVIEW)
SCHEMATIC DESIGN PROCESS DIAGRAMS

CONCEPT A

Academic Core Space
Specialized Classrooms
Physical Education
Media Center
Administration
Food Service
Schematic Design Process Diagrams

Concept A

- Academic Core Space
- Specialized Classrooms
- Physical Education
- Media Center
- Administration
- Food Service
SCHEMATIC DESIGN PROCESS DIAGRAMS

CONCEPT B

- Academic Core Space
- Specialized Classrooms
- Physical Education
- Media Center
- Administration
- Food Service
### Concept C

| Academic Core Space
| Specialized Classrooms
| Physical Education
| Media Center
| Administration
| Food Service

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**Dowell Elementary School**

**El Paso Independent School District**

**Vigil & Associates Architectural Group, P.C.**

Concept C

- Academic Core Space
- Specialized Classrooms
- Physical Education
- Media Center
- Administration
- Food Service
06/2018  DESIGN COMPLETE
08/2018  BIDDING
10/2018  START CONSTRUCTION – PHASE 1
02/2020  PHASE 1 COMPLETION
04/2020  SYSTEM COMMISSIONING / FF&E
05/2020  START CONSTRUCTION/DEMO. - PHASE 2
10/2020  PHASE 2 COMPLETION
08/2020  MOVE IN
Schmatic Design

Phase 1

New Construction Building

*Approximately 106,340 sq.ft.
SCHEMATIC DESIGN

PHASE 2

DEMOlITION OF EXISTING BUILDING
Approximately 52,000 sq.ft.
PHASE 2

NEW PARKING LOTS, DRIVEWAY(S), PLAYFIELDS & PLAYCOURTS
DESIGN CHARRETTE WORKSTATIONS

INTERIORS & LEARNING ENVIRONMENTS

BREAK-OUT SPACE

WINDOWS OVERLOOKING LOWER LEVEL

OPERABLE GLASS WALL

OPERABLE WALL BETWEEN CLASSROOMS

TEACHING WALL

LEARNING TREE

TWO-STORY COMMONS

WHITEBOARD SURFACE

KINDERTHREN BESTROOMS

HANDWASH SINKS

CLERESTORY WINDOWS

EL PASO
INDEPENDENT SCHOOL DISTRICT

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Thank You