



DEL MAR COLLEGE – CORPUS CHRISTI NEW GENERAL ACADEMIC + MUSIC BUILDING



Services Provided |
MEP Design + Construction Phase
Services

Cost | \$46.3 million

Completed | 2019

Project Delivery Method |
Competitive Sealed Proposal

Project Architect |
BRW

Richter Architects

MEP Engineering |
Cleary Zimmermann – HVAC
Engineering Design

SCA Team |
Project Manager:
Scott Stridde, P.E.

Department Lead:
Abel Garcia – Plumbing Design

As the biggest project in the Del Mar College 2014 Capital Improvements Program, the General Academic and Music Building Phase II project included the addition of classrooms, rehearsal rooms, faculty offices, conference spaces, and multiple music support spaces. Additionally, it provides academic and administrative space for Math, English, Social Sciences, Speech and Philosophy with a total square footage addition of approximately 130,000 square feet.

Stridde, Callins and Associates, Inc. provided MEP consulting engineering services for this project in collaboration with Cleary Zimmermann Engineers with Stridde, Callins and Associates, Inc. providing the electrical and plumbing engineering services as well as leading the project and Cleary Zimmermann Engineers providing the HVAC engineering services.

The electrical distribution system to serve this group of new buildings was complimented by the electrical subcontractors bidding the project as remarkably efficient and cost effective. All lighting systems were LED with digital lighting controls for space dimming, occupancy sensing, and daylight harvesting. Emergency lighting power sources were consolidated and grouped at battery powered inverters in response to the DMC request to consolidate such power supplies. SCA worked in close cooperation with the DMC IT Department to ensure that IT systems rough-in was integrated with IT systems by Datacom.

Sound attenuation in the music areas was closely integrated into all MEP design. Music and practice rooms required roof drains and overflow roof drains to be routed to avoid spaces or required them to be fully insulated cast iron pipes with a minimum amount of piping within the space.

Fire protection wet pipe system was utilized for the entire building with a manual dry pipe system being utilized for fire department hose cabinets due to some cabinets being located outside. Manual dry pipe system is monitored.

STRIDDE, CALLINS & ASSOCIATES, INC.

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