



Revised December 10, 2019
June 13, 2019

Davis Joint Unified School District
1919 Fifth Street
Davis, CA 95616

Re: DSA Approved Gen7 Classrooms at Emerson | Da Vinci Junior High

Attn: David Burke
Director of Facilities, Maintenance, and Operations

As a follow up to your recent inquiry, American Modular is pleased to provide this estimate for the above referenced project. Our estimate is based upon the conceptual floorplan attached, dated 12/2/19 and the Reef-Sunset School District Facilities Services Piggy-back Contract specifications.

DSA approved relocatable steel rigid frame construction, Type V Non-rated construction, 20 lb roof load – 110 ULT wind load – 50 + 15 lb floor load, 2016 CBC, Ss = 1.042, FOB Davis, CA

Site: Emerson | Da Vinci Jr High – Total SF 7,200

1 ea 84x40 DSA Classroom Wing

2 ea; 36x40 Classrooms
1 ea; 12x40 Workroom

1 ea 96x40 DSA Classroom + Restroom Wing

2 ea; 36x40 Classrooms
1 ea; 12x40 Workroom
1 ea; 12x40 Restroom

\$ 3,141,752

Design & Engineering of Classroom Building and Foundation

\$ 97,168

5% Contingency

\$ 161,946

Project Total: \$ 3,400,866

Options

- Concrete foundation with 18" crawlspace, rodent barrier, Grates and vent / access wells and structural footing Excavation
- Epoxy counter tops with integral sinks

\$ 181,260__Accepted

__Declined

\$ 155,380__Accepted

__Declined

Inclusions & Exclusions: See attached dated 12/10/19

Terms: Monthly progress payment net 20 days. Quote good for 60 days.



Project Timeline

Contracts by:	January 9, 2020
Engineering Start:	January 20, 2020
Engineering Complete:	March 20, 2020
DSA Submittal:	March 25, 2020
DSA Approval:	July 15, 2020
Colors on or before:	May 20, 2020
Start In-Plant Production:	August 17, 2020
Delivery/Set:	September 30, 2020
Substantial Completion:	December 11, 2020

Notes:

- All ideas, concepts and/or files are to be considered instruments of services and intellectual property of AMS
- Any architectural drawings are for conceptual reference only. Final design and layout by AMS
- All products used must meet Gen7 sustainable standards
- Client acknowledges exterior door/windows and/or overhangs are registered trademarks of AMS
- Client to sign a **Confidentiality Agreement** prior to start of project
- 2" Slurry & Area drains in crawlspace are mandatory for enhanced air quality
- No reuse of PC will be allowed
- Security bars not allowed on any exterior windows/doors
- No conduits allowed on outside of buildings
- Windows are required at front and rear of buildings
- Foundation design and engineering by AMS. If foundation installation is by others, AMS is not responsible for quality of installation, inspections, nor acceptance of foundation. Any review performed by AMS shall be considered a courtesy to assist with the overall project success and does not remove the contractor's responsibility to comply with plans and specifications. Contractor performing foundation installation is responsible to ensure the foundation is completed per plans, specifications, and meets tolerances for modular buildings as described in drawings.
- If foundation installation is by others, in the event engineering is required to accommodate errors or omissions, rework, or additional coordination/engineering all expenses shall be reimbursed to AMS. In addition, a \$1,500 per hour back charge will occur if a delay due to grinding, leveling, etc. are required at time of installation.
- Route Survey to be performed upon contract, to determine if special escort/access is required
- All AMS products are to be considered relocatable at any future date after the initial installation
- The omission of any item(s) not specifically listed in the attached scope of work shall not be construed on the pricing or scope
- All site labor non-union
- The final project agreement shall incorporate by reference this proposal, inclusions, exclusions, and project responsibility matrix. Inconsistencies in the Contract Documents shall be resolved by giving precedence in the following order: i) Agreement, ii) Reef-Sunset Contract Provisions, iii) Project Proposal/Inclusions/Exclusions, iv) Project Responsibility Matrix, v) DSA Approved Drawings
- Any fire risers for the modular buildings shall be located indoors



If you should have any questions, please do not hesitate to call.

Sincerely,

Anthony Sarich
VP Of Operations
American Modular Systems, Inc.

Accepted By:

Signature

Print Name

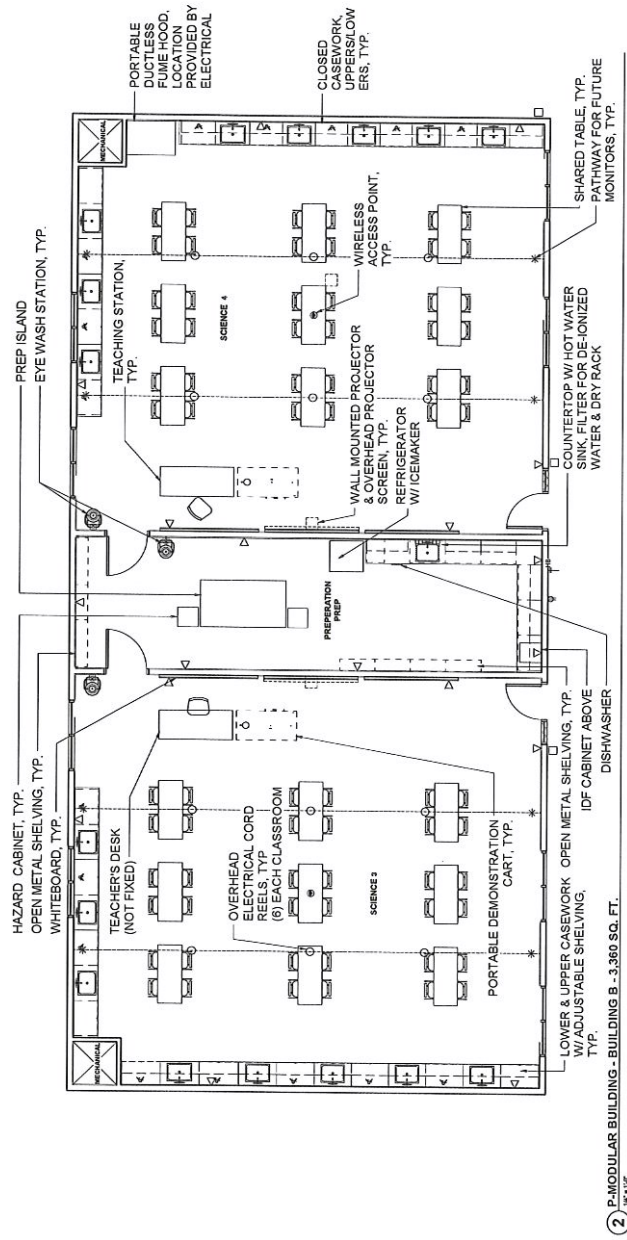
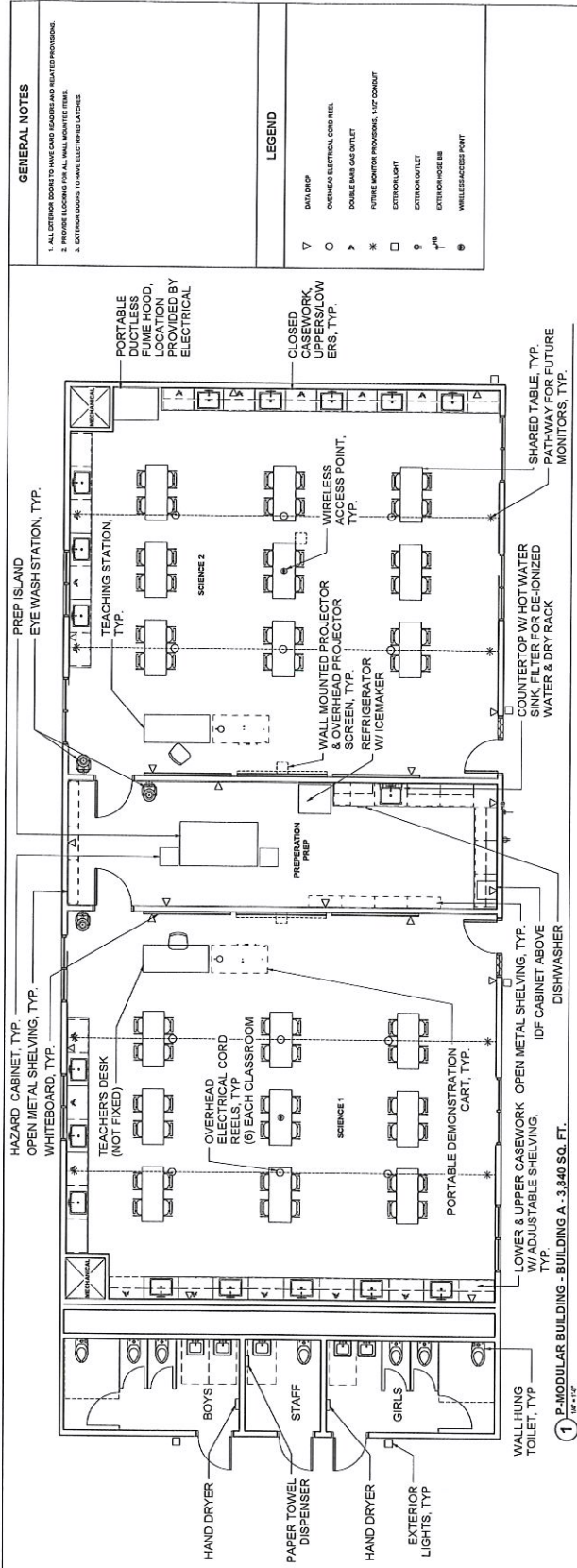
Date

Design Criteria Classroom Wing-132x40
Davis JUSD - Emerson | Da Vinci Jr High
December 10, 2019

INCLUSIONS
Building Envelope
20% Recycled Steel Moment Frame DSA PC Design
Concrete foundation Design/Engineering (PC Based)
1:12 Mono pitched cool-roof standing seam roof system-Solar Reflectance Index (SRI) 80 "White"
Gen7 Trademark Front Overhang Rear Shade Structure
5" Concrete floor system, 20% RC fly ash
2x6 Wood stud framing with 20%FSC wood
Storefront aluminum door frames @ main classroom entries & Welded frames @ restroom doors
Gen7 Trademark Galvanized 8' Insulated door with view window "Solarban z-50 tinted green" (Single Pane) -"Blacked Out/Translucent"
Low-E dual glazed view windows, aluminum frames "Solarban z-50 tinted green" (Dual Glazed)
Interior door frames welded steel w/ Clear Birch doors
Permanent Gen7 Educational Signage (1 per classroom; central location)
Factory applied sand finish 7/8" Hybrid Stucco - Painted "2-Color"
S-Metal Galv. Finish Wainscot (600SF Allowance)
Ceramic tile wainscot (700SF Allowance)
Insulation
R-21 Wall and R-34 Roof
FSK Foil Roof System
Formaldehyde-Free Ecobatt Insulation
Wall and Floor
2'x2' Pattern Prelude T-Bar Slanted/Canted ceiling design, 8'-6" to 10'-6" "Attached to Perimeter Walls"
9' Painted Gypsum ceiling in restrooms
Armstrong "Dune" lay in acoustical ceiling tiles 2x2
Formaldehyde-free composite wood within casework
Low to no VOC Primers and Paints - "Dunn Edwards"
1/2" Mold-Guard Gypsum interior wall backing
MCT resilient flooring (2-Color)
Walk-off mats at main entries
Koroseal Tackable Wall Coverings; 20% Recycled Content/Low VOC "Paolo White & Lemon Grass"
Ceramic tile walls (2-Color Daltile) & Epoxy floors in restrooms
Fire rated Walls/Doors at teacher preparation rooms / restroom
Mechanical
Cast waste piping - Acid Resistant (7ea POC)
Fire Sprinklers, Riser (POC 1' AFF, Connection by GC)
4ea 5-ton Bard I-Tec indoor HVAC W/CRV Fresh air damper
4ea 7-Day Gen7 Standard Programmable Thermostats
Energy Conservation interlocks, conduits only (If Required)
HVAC MERV 13 filter
Premium Supply/Return Diffusers
Rigid Ducting w/Sealed Edges & Foil Flex
6ea Emergency Science Eye Wash Station
4ea Exterior hose bibs
Instantaneous Gas-Fired Water Heater with Circulation Pump
6ea total Emergency gas shutoff (1 ea Classroom, 1 ea Prep Room)
Water/power/drain rough-in for District-provided Dishwasher in each Prep room
Power rough-in only for district-provided ductless fume hood cart
34ea Dual Gas Petcocks
34ea Hot/Cold Faucets
34ea Cast Iron/Porcelain Self-Rimming sinks
1 ea Electric Hand Dryer in Student Restrooms; 2 ea Total
Electronic Valves @ Staff sink
Metered Valves @ Student Restroom sinks
Manual/Dual Flush @ Water Closets
Electrical
Solar Panel Ready Roof - 3 PSF max
45ea Energy Star tubular skylights with adjustable damper
Classrooms; 2x4 LED Indirect/Direct lighting system with variable dimming ballasts (T-Bar Mounted)
Watt Stopper Dimmable lighting controls, Occupancy Sensors & Daylight sensors (1ea Relay Control Per Classroom)
12ea LED Architectural exterior on single photo cell
Elec. Panels W/Bolt on breakers AMPS & Phasing (TBD) POC stubbed under floor
60ea Receptacles W/Stainless covers
34ea Data Drops (4" sq. box, 3/4" conduit, single device ring) stubbed above ceiling - excludes floor boxes
1ea Receptacles for 1-IDF box and conduit per wing
24ea 120v J-Boxes Above T-Bar for future Cord Reels
3/4" conduit at each exterior door to terminate above transom (Security)
Conduit at each exterior door to terminate at strikeplate for district-provided electronic keypads
20ea 2" Low Voltage Conduits
All Power and Low Voltage Conduits to enter from crawl space
All FAA Conduits Included
All Low Voltage Conduits in walls only
Misc.
12ea Magnetic Markerboards 5'x8'
Semi-Recessed Fire Extinguisher Cabinets
Door hardware Non-Panic; Schlage Locks @ Classroom & Restroom doors - Schlage "C" keyway
Interior/Exterior Door Stops
PVC free manual window shades (Main Classroom windows and sidelites)
266LF Acid Resistant P-Lam Countertops W6" backsplash
178LF Upper Cabinets with Non-IC locking cores (No Glass)
266LF Base Cabinets with Non-IC locking cores
All items not listed to be Gen7 specifications
Delivery & Installation of Building
220Ton Crane with two mobilizations (16HR Crane Time Allowance W/Travel)

Scope of Work Summary Classroom Wing
Davis JUSD - Emerson | Da Vinci Jr High
December 10, 2019

EXCLUSIONS
Surveying
Site Improvements/Underground Improvements & Infrastructure
Ramps/Sidewalks
Foundations/Vents
Mow Strips
HVAC Condenser pad
Daylight Foundation Stem Walls & Flashings
DSA Fees
DSA Inspection Fees
Crane Size over 220-ton
Protection of Sidewalks/Driveways during Building Delivery
Special Engineered Footing other than PC (12" deep)
Unknown Underground Hazards
Import/Export of all Foundation Spoils
Backfill and Compaction (Minimum of 5' around foundations)
Excavate Building Pad (Minimum of 5' Over-Excavation all sides)
Projection Screens, Projectors, TV Brackets, Monitors
Signage
Door Hardware Master Keying
Floor Boxes
Low Voltage Systems, End Devices
Low Voltage Conduits in Chases/Attics, Wires, Pull Strings
EMS Systems or Connections
Intrusion Alarm Systems
Electronic Keypads for Door Access - Card Readers
Custom Door Prep for Door Access - Card Readers - Electronic Access/Latches
Fire Alarm Systems
Electrical Panel Connections to Main Electrical Panels under building
Overhead electrical cord reels, receptacles & Blocking
Refrigerators / Ice Makers
Dishwashers
IDF Cabinets, Cable Trays
Inset Countertop Surface @ Sinks
Teachers Desk
Emergency Shower Stations
De-ionized Water Systems, Filters, Coordination, etc.
Appliances/Furniture/Portable Demonstration Carts/Storage Cabinets/Hazard Cabinets/Prep Islands
Metal shelving
Water Filter Systems
Acid Neutralization Systems
All Under Floor Connections
Condensate Drain Connections
Foundation Area Drains/Drywells
Water/Waste Connections
Rain Water Leader Connections
Temporary Power, Fences, Toilets, Job Shack, Security and Dumpsters
Off-site building staging and or lowering of modules to one crib
Solar Panels
CHPS/LEED Commissioning fees
Union Labor
Police Escorts (If Required)
Local Permitting/Approvals
Traffic Control
Flushing of water systems prior to final connection - Chlorination of Building Lines
Builders Risk Insurance
Chemical storage Design/Engineering
Concrete foundations by others
Concrete foundation on site observation and coordination
Foundation Embeds
Any additional costs for off site staging
Emergency Gas Shutoff to Building - Pressure Regulator
Portable Ductless Fume Hoods



GENERAL NOTES

1. ALL EXTERIOR DOORS TO HAVE CAMB READERS AND
2. PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS.
3. EXTERIOR DOORS TO HAVE ELECTRIFIED LATCHES.

LEGEND

HY
HIBSER YAMAUCHI Architects, Inc.

DJUSD
EMERSON - NEW SCIENCE
CLASSROOMS / MODERNIZATION

12/02/19