



**Davis Jt. Unified School District - Da Vinci Charter Academy Junior High School**  
**48x40 Administration Building -- Wood foundation, no ramp**

Pricing subject to final design and finishes

2016 CBC

P-back Item #	Description	Unit	Qty	Piggyback Price	Total
<b>1-STORY RIGID STEEL MOMENT FRAME BUILDINGS</b>					
1000	24x40 Typical Classroom [With no floor Coverings: With Ceiling Tiles; LED light fixtures with dimming control; 9' floor to ceiling height in all modules; 2x4 fixed grid, lay in panel ceiling system (no suspension wires); (1) 3070 steel door w/Schlage lever hardware (2) 8040 windows, (2) porcelain/steel marker boards, walls-full height tackboard; (6) duplex receptacles; 4 Branch Circuits; (1) 125 amp single-phase panel; (1) 3.5 ton Bard wall mount HVAC with ducted air and programmable T-Stat; Standard bi-pitch roof design, approximately .25:12 dual slope, 5' overhang in front 2'6" rear overhang.	EA	1	\$ 57,220.35	\$ 57,220.35
1006	add 12x40 center module where Ss< 1.875	EA	2	\$ 23,972.90	\$ 47,945.81
<b>Wood Foundation Options (DSA allows up to 2000 sf)</b>					
2003	1 1/2" layer for 48x40	EA	12	\$ 782.08	\$ 9,384.95
2005	Treated lumber upcharge per 12x40	Per module	4	\$ 334.22	\$ 1,336.90
2006	Expanded metal vents - 4'	Per lf	10	\$ 44.19	\$ 441.89
2009	Wood Foundation Bolt Kit 50 or 65 lb Floor	Per module	4	\$ 342.00	\$ 1,368.00
2304	12" high, 24 ga metal flashing	Per lf	176	\$ 21.04	\$ 3,703.48
<b>Exterior Finish Options</b>					
<b>Wood or engineered wood products</b>					
2402	2x6 exterior wall studs in lieu of 2x4 adder	Per lf	176	\$ 7.32	\$ 1,288.32
<b>GENERAL</b>					
3000	Interior wall, 2x4, standard finish (tack board) (Décor or equal)	Per lf	372	\$ 54.15	\$ 20,143.55
3006	Toilet room, single, cold only (ADA compliant)	EA	1	\$ 10,525.98	\$ 10,525.98
3011	Blocking only, wall mounted accessories, 4x4	Per lf	30	\$ 12.88	\$ 386.48
<b>Doors (KD Frames standard)</b>					
3105	3070 steel door w/Schlage D95 lever hardware, Norton 7500 door closer	EA	1	\$ 1,928.89	\$ 1,928.89
3110	3070 interior wood door in steel frame, solid core, paint finished	EA	8	\$ 1,297.62	\$ 10,380.96
3115	Panic hardware, Von Duprin or equal	EA	2	\$ 2,488.86	\$ 4,977.72
3124	View light, 8x30 (adder)	EA	1	\$ 203.52	\$ 203.52
3126	Half light, 24x30	EA	6	\$ 286.00	\$ 1,716.01
<b>Windows</b>					
<b>Daylighting windows, see "Daylighting" section below</b>					
3202	4040 xo	EA	5	\$ 924.96	\$ 4,624.79
<b>Electrical Options</b>					
3300	125 amp 1-phase panel	EA	1	\$ 777.98	\$ 777.98
<b>Lights</b>					
3408	Lighted "Exit" sign (battery back-up)	EA	2	\$ 218.61	\$ 437.22
3414	Exterior Door Light - LED w/ Photocell - TWS LED	EA	1	\$ 305.00	\$ 305.00
<b>Electrical infrastructure</b>					
3502	Duplex receptacle	EA	24	\$ 124.97	\$ 2,999.28
3503	4-plex receptacle	EA	1	\$ 145.66	\$ 145.66
3504	GFI receptacle	EA	3	\$ 152.71	\$ 458.13
3506	Dedicated Circuit	EA	6	\$ 443.99	\$ 2,663.94
3508	4 square box with switch ring and 3/4" conduit stub to attic	EA	12	\$ 95.33	\$ 1,143.96
3509	Conduit 3/4"	Per lf	100	\$ 3.20	\$ 320.31
3510	Conduit 1"	Per lf	50	\$ 4.22	\$ 211.01
3516	N-light three way switching	EA	3	\$ 261.30	\$ 783.90
3517	N-light occ sensor	EA	7	\$ 307.54	\$ 2,152.75
3519	Switched receptacle	EA	1	\$ 65.31	\$ 65.31
3605	Exhaust Fan - Orbit 150CFM (or equal)	EA	1	\$ 326.51	\$ 326.51
<b>HVAC Systems</b>					
4202	Bard 3.5 ton WH, "Quiet Climate 1" wall hung heat pump w/CRV, 4 duct runs, programmable Thermostat	EA	(1)	\$ 10,010.56	\$ (10,010.56)
4603	Roof mount HVAC, 5 ton, electric (Carrier or equal)	EA	1	\$ 11,672.09	\$ 11,672.09
4606	240V in-service GFI	EA	1	\$ 494.78	\$ 494.78
4607	Service disconnect & electrical	EA	1	\$ 546.22	\$ 546.22
4610	Roof mount quiet plenum	EA	1	\$ 2,433.00	\$ 2,433.00
<b>PLUMBING</b>					
5002	Sink, kitchen, SS, 1 compartment, cold only	EA	1	\$ 2,549.36	\$ 2,549.36
5019	hot/cold faucet - adder	EA	2	\$ 415.80	\$ 831.60
5020	goose neck faucet	EA	1	\$ 415.80	\$ 415.80
5105	Water Heater, point-of-use	EA	1	\$ 1,510.57	\$ 1,510.57
5106	Water Heater -- Insta-Hot (2.5 gal or less) or equal	EA	1	\$ 1,512.00	\$ 1,512.00
5203	Hose bib, recessed (wall hydrant)	EA	1	\$ 1,259.21	\$ 1,259.21

5208	Copper pipe, Type "L", rough in only and fixture fitting, ea	EA	2	\$	915.18	\$	1,830.37
	Toilet accessories						
5405	Toilet paper dispenser, surface mount, multi-roll, Bobrick B-2888	EA	1	\$	147.41	\$	147.41
5407	Toilet seat cover dispenser, surface mount, Bobrick B-221	EA	1	\$	91.18	\$	91.18
5408	Paper towel dispenser, surface mount, Bobrick B-262 (folded towels)	EA	1	\$	146.73	\$	146.73
	Flooring (all prices per sf unless otherwise noted)						
5600	Bigelow, New Basics II, 26oz, w/unitary backing (or equal)	Per sf	1,616	\$	5.91	\$	9,546.68
5702	Burke 4" Vinyl - Roll @ 100' lengths	EA	372	\$	4.80	\$	1,783.81
6100	Armstrong Connection Corlon	Per sf	240	\$	11.79	\$	2,830.46
6300	Vinyl transition strip	Per lf	6	\$	4.02	\$	24.13
0	CASEWORK						
6521	153 36x34x24 ADA sink base	EA	1	\$	1,178.54	\$	1,178.54
6544	212 36x34x24 1 drawer/2 doors	EA	2	\$	1,183.21	\$	2,366.41
6558	240 24x34x24 4 drawers	EA	1	\$	1,326.98	\$	1,326.98
6574	302 36x12x12 over refrigerator	EA	1	\$	626.59	\$	626.59
6578	302 36x18x12 wall hung/2 door	EA	3	\$	656.13	\$	1,968.38
6622	Laminate top / 4" backsplash (Wilsonart or equal)	Per lf	15	\$	104.39	\$	1,565.84
6625	Finished end panels	EA	2	\$	167.00	\$	334.00

<b>Sub-Total</b>	<b>\$ 229,350.13</b>
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P-back Item #	ENGINEERING AND DESIGN / DSA STOCKPILE			Piggyback Price	
1025	Structural Engineering; includes review, stamp, signature of ENV produced PC drawings	Per Hr	15	\$ 325.00	\$ 4,875.00
1025	ENV CAD drafting for Stockpile review / approval; includes 1 DSA appointment	Per Hr	12	\$ 325.00	\$ 3,900.00
1025	DSA Stockpile Review / Approval fees (includes ACS/SS/FLS - building only); Fee calculation based on \$230k base building value	Cost + 20%	1	\$ 4,554.00	\$ 4,554.00
1025	DSA In-plant inspections (3rd party hire)	per mod	4	\$ 950.00	\$ 3,800.00
	<b>Design / Engineering Total</b>				<b>\$ 17,129.00</b>

PROJECT CLOSE OUT ITEMS					
1	Labor to close out site (exterior painting, ceiling tile installation, equipment start-up and testing, light sweep out. Punchlist items)	hour	60	\$ 110.00	\$ 6,600.00
2	On-Site Labor (plumbing close-out) (assemble plumbing tree, attach fixtures, test connections, water tests)	hour	24	\$ 233.00	\$ 5,592.00
3	Forklift	day	1	\$ 4,250.00	\$ 4,250.00
4	Delivery	floor	4	\$ 3,250.00	\$ 13,000.00
5	Installation	floor	4	\$ 3,455.00	\$ 13,820.00
6	Administrative Fee to Willows School District (Final Project Manual Section 00 2113; Item 16 Sub-section B) (.25% of piggyback building price)				\$ 573.38
7	Bond		1		\$ 2,408.18
8	Estimated Tax		1		\$ 7,339.20

<b>Grand Total</b>	<b>\$ 300,061.89</b>
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1	District requested Contingency; to be used only w/District direction, discretion and approval			10%	\$ 30,006.19
	<b>Contract Value</b>				<b>\$ 330,068.08</b>

**Notes:**

- Foundation design charges include Structural engineering, review and stamp for DSA approval.
- Additional design & foundation costs may be incurred if the site specific soils condition or CGS review prompt footings that are outside of Enviroplex's standard foundation design
- Pursuant to recent DSA guidelines as described on the new 1-MR form regarding the "Delegation of Authority for Modular & Relocatable Buildings", site specific inspection fees will be necessary if Enviroplex's structural engineer determines that he/she is required to personally inspect and observe construction site conditions and foundation progress. The scope and scale of this requirement will generally relate to a number of factors including, but not limited to, the experience of the foundation contractor, foundation design complexity, building square footage, geographic location and site & soils condition. These charges shall be owner responsibility and coordinated directly with Enviroplex's structural engineer. As outlined in the DSA bulletin, these responsibilities can be sub-delegated to the project's Architect of record at the owner's direction and discretion.



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## General Conditions

- **Pre-construction**
  - **Shop Drawings:** Enviroplex shall submit shop drawings depicting floor plans, elevations, window and door size and locations, lighting and electrical device locations, low voltage infrastructure locations, HVAC system locations and duct pathways, casework, plumbing fixtures and all general accessories including fire extinguishers, marker boards, TV brackets, restroom accessories, etc. Enviroplex's shop drawings shall supersede the DSA approved drawings except for any items related to structural design, fire/life safety and ADA access. Approval of shop drawings is required not later than two weeks after submission. Enviroplex requires approval of shop drawings prior to initiation into production. Delayed approval will result in a change to the project schedule, unless otherwise agreed to by Enviroplex. Requested additions and/or deletions to Enviroplex's shop drawings will be agreed to by change order if necessary.
  - **Submittals:** Enviroplex shall submit material submittals for all categories within the project including interior finishes, HVAC, doors and door hardware, windows, lighting and electrical, building accessories, restroom accessories, plumbing fixtures, exterior finishes and paint colors. Approval of submittals is required not later than two weeks after submission. Enviroplex requires approval of submittals prior to initiation into production. Delayed approval will result in a change to the project schedule, unless otherwise agreed to by Enviroplex. Requested additions and/or deletions to Enviroplex's submittals will be agreed to by change order if necessary.
  - **1MR: Owner/Architect will coordinate and contract with the ENV Structural Engineer to perform the onsite DSA 1-MR process.**
  - **C/O – Addition or deletion of project scope will not be performed by ENV without a signed and agreed upon change order document.**
  
- **Site, Staging and Delivery**
  - **Staging:** OWNER to provide adequate level staging area for the modules within the boundaries of the project site or OWNER coordinated area within a quarter mile of the project site.
  - **Site & Staging Access:** OWNER to provide the proper site access to Enviroplex for installation of the modular building. OWNER will provide a clear or protected pathway from the project entrance to the modular building during the entire project duration. Exceptions to this must be coordinated with Enviroplex and the OWNER. The OWNER must provide at least a 50-foot buffer from one side and one end of the building with a surface suitable for trucking and crane use during the approved installation dates. Enviroplex will coordinate and advise of any potential conflicts. Enviroplex is not responsible for protection of utilities or equipment, trench plates, encroachment permits, tree or limb removal, fence removal, grading or soil compaction etc. in the pathway or the buffer zone. Enviroplex not liable for damage to grass, sprinkler systems, asphalt, concrete or any OWNER surface if access requires traversing these surfaces.
  - **Crane:** Project sites that require a crane reach that exceed 40' - 45' radius, will be at an additional cost or change order by OWNER.
  - **Concrete:** Enviroplex will make a good faith effort to utilize any concrete protection the OWNER provides, but concrete is prone to breakage under heavy truck traffic regardless of protection. OWNER will be responsible and repair any damage to concrete incurred during



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building construction due to inadequate protection that is within the approved building access pathway or buffer zone. This includes sidewalks, curbs, driveways etc.

- **Overhead safety/Clearance at Project Site:** OWNER to ensure no overhead obstructions, notably live power wires, inhibit safe operation of a crane during installation. Any power wires closer than 10' (typically) to the crane boom during any portion of crane operation must be de-energized by the OWNER. Any wires of any type that hang lower than 17'6" are at risk and are the responsibility of the OWNER to make the area accessible. Enviroplex is not liable for damage.
- **Overhead Clearance to Project Site:** Enviroplex will make every attempt to determine adequate height routes to the project site, but overhead clearances on the construction site or entrance to the site must be at least 17' from top or grade or coordinated with Enviroplex before shipment. It is the responsibility of OWNER to make sure the buildings have proper height clearances or will make appropriate adjustments at their own expense.
- **Foundation and Building Pad Preparation**
  - **Concrete Foundation (if required):** OWNER to provide properly prepped site per the project specifications & drawings. This will normally consist of a 27" deep (below grade) certified level pad for modular building concrete stem-wall foundation to be constructed within. At the lowest foundation embedment depth, OWNER to provide subgrade to meet the minimum compaction/bearing capacity per the approved drawings & specifications. Pad to be over excavated 2' minimum beyond building footprint on all sides to allow for foundation work. Enviroplex will move spoils from its trenching operation within the pad to a pile outside of the foundation pad. Haul-off of all spoils including spoils from foundation footing trenching will be by the OWNER. Backfilling the over excavated area after buildings are set is to be by the OWNER. NOTE: 27" deep excavation facilitates the minimum 18" crawlspace.
  - **Wood Foundation (if required):** (2) layer wood foundation quoted. This, plus our building's 9" bottom beam, elevates the building to 12" above grade. Wood foundation as quoted requires level pad, 1000 PSF bearing. Departures from this may require CO. For any wood foundation installation, the transport truck must be able to park over desired building footprint and pull straight off of pad until trailer clears building. If crane is needed because of site access issues, it would be by CO. Pressure treated (Green) lumber is used for bottom layer of foundation only.
  - **Weatherization:** If construction of the foundation is to be conducted during periods of rain, ENV will only proceed with the foundation after a weatherization plan is established and costs approved by change order to the OWNER. Any additional measures or repairs will be coordinated and approved by change order to the OWNER.
  - **Utility Location:** OWNER will be responsible for identifying and marking all existing utility locations within and around the foundation certified pad. ENV will have no responsibility for repairs of any system.
  - **Fire Sprinklers:** ENV to construct fire riser on the OWNER provided flanged stub that is a minimum of 6" above the finish grade. Before erection of the fire riser, OWNER must provide certification for flushing of the fire line.
  - **Drainage:** Gutters and downspouts are by Enviroplex. Downspout transitions and tie-ins are by OWNER. OWNER is responsible for installing storm drain tie-ins or point of connection (P.O.C.) for downspouts. OWNER to coordinate locations of P.O.C. with Enviroplex for proper alignment and finish height of P.O.C. installed by OWNER. Crawl-space drains are by OWNER.



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- **Polyvents and Access wells:** OWNER to provide finish grade elevation marked on the building or foundation before construction of the access well or installing the polyvents. If no marks are provided, the access wells and/or polyvents will be installed at finish floor elev.
- **Storm Water Pollution Prevention Plan (SWPPP):** Maintaining and administering a SWPPP program is by OWNER. If conditions on site are muddy or questionable, site work and access will be coordinated with the OWNER.
- **Dust Control:** Dust control measures and documentation are by OWNER.
- **Survey:** Surveying of building foundation corners and finish floor elevations will be by the OWNER.
- **Fencing:** Fencing is by the OWNER.
- **Hygiene:** OWNER to provide adequate portable toilets & hand washing stations for Enviroplex workers on site.
- **Water Sterilization:** Any water sterilization or testing to be performed by others.
- **Electrical. Low Voltage and Utility Tie-ins**
  - **Low Voltage:** Low Voltage systems specifically excluded from the Enviroplex scope include but not limited to fire alarm, security, access control, lighting control, data, and phone. Wiring, systems components, boxes and conduits or any material and/or labor to install these components are excluded, except as noted in the following: Enviroplex will provide only utility boxes and associated conduit in the walls and, in the case of floor boxes, within the crawl space as depicted on the approved Enviroplex shop drawings. The OWNER is responsible for reviewing and verifying the Enviroplex drawings. Low Voltage boxes/conduits provided by Enviroplex will terminate in the attic space as a stub-up 2" from top of wall. All cable raceways, grommets or hangers for devices, boxes, conduit or wiring within the ceiling and/or attic space, is by OWNER. All specialized boxes unless noted in the ENV proposal are by OWNER.
  - **Electrical Panels:** Building main panel electrical systems/conduit provided by Enviroplex Inc will include only the main panel and a conduit stubbed out with an exterior threaded connection. The electrical service within the building is by Enviroplex. Main panel service side underground conduit and connection, site electrical equipment, cable, hookup, grounding and testing are by the OWNER. Building main electrical panel grounding is by the OWNER. If routing of electrical conduits under the foundation is required, the OWNER must provide appropriate penetrations through the foundation as provided by the Enviroplex plans.
  - **Sewer & Water utility tie in:** All wet utility tie in is by OWNER. Enviroplex utility piping will terminate 6" from the foundation face and will exclude any metering, backflow devices or and OWNER regulating devices, equipment or improvements.
  - **Gas Utility tie in:** Building gas piping will be stubbed out of the building exterior finish approximately 2" for OWNER tie in. ENV does not supply the regulator, seismic cutoff or any other materials or labor.
- **Interior Finishes and Punch List**
  - **Flooring:** The flooring must be installed last during the building site work phase. Any damage occurring to the flooring caused by work of the OWNER continuing after floor install will be the responsibility of the OWNER. Additionally, buildings must have the electrical service operational prior to finish flooring installation. Defects arising from early installation of flooring are the responsibility of the OWNER.
  - **Blocking & backer boards:** Only devices or objects specifically indicated on the Enviroplex plans will have mounting blocking installed in the walls. Coordination of additional blocking must be made prior to commencement of production of the units. This includes projectors,



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- projection screens, paper dispensers, future items etc. Any OWNER blocking must be coordinated with Enviroplex Inc. and will be paid through a change order.
- **Signage:** All interior and exterior building signage is provided and installed by the OWNER
  - **Keying:** All keyed cylinders and keying is by OWNER.
  - **Door Hardware Locksets:** Door hardware locksets will be provided per approved submittals. Changes made to door hardware locksets after approval will be at additional cost by OWNER.
  - **Structural Beam Penetrations:** Beam penetrations may only be made per locations indicated on Enviroplex plan details 1 & 6/S3, S3A, or S3D. Beam penetrations that deviate from these locations will result in additional cost, and or change order by the OWNER.
  - **Vandalism:** Enviroplex will not be responsible for damage to modules resulting in vandalism, once modules are delivered, and staged on site.
  - **Site Security:** To be provided by OWNER/DIST./GC
  - **Cleaning:** Enviroplex will perform scrap out and light sweep of building. Cleaning, dusting, floor prep, floor wax, wiping windows, vacuuming and any OWNER tasks related to preparation for occupancy is by OWNERS.
  - **Punch list:** Enviroplex requires at least two calendar weeks of normal workday access between OWNER or representative punch-list generation and building occupancy.