DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

74 - 01A- ART CENTER

Facility Type:	Building	**Estimate Cost :**	$6,424,646.04
Gross Area (SF):	23364	**Additional Cost:**	$3,683,927.53
Year Built:	1973	**Repair Cost:**	$10,108,573.57
Last Renovation:	N/A	**Replacement Value:**	$11,455,189.74
		FCI:	88.24

ARTS CENTER 74 (01A)

The Arts Center Building 74 (01A) is located at the Mt. San Antonio College in Walnut, California. The 1- story, 22,364 square foot building contains art classrooms, labs, and offices. Originally constructed in 1973, there have been no major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using footings and foundation walls. The main structure is cast-in-place concrete with pre-cast tee shapes supporting the roof. Exterior walls are concrete and brick. The roof is a combination of a rolled asphalt over the cover walkways and the buildings are a mission style clay tile roofing system. Exterior doors are typically hollow metal in hollow metal frames using lever and panic type hardware. Windows are mostly metal frame, single pane fixed units.

INTERIORS:
Partition wall types include painted concrete, and lath and plaster with metal framed fixed window walls. The ceilings are a combination of 12" x 12" glued on and 2'x 4' T-bar type in metal grids with metal grids with lighting and A/C vents. Flooring in high traffic areas is concrete. Other flooring is VCT vinyl tile. Interior doors are generally metal and or wood in metal jambs using lever type hardware. The restrooms have grab bars with tile floors with full height tile wall coverings using 12"x12" glue on ceilings. The toilet partitions are solid surface plastic resin.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by two on site hot water gas fired boiler. The boilers are outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building. Additional cooling is provided by split system. Additional cooling is provided by a mini split system. The roof mounted exhaust fans are installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed from substation 27 providing power to a 15 KV switch providing 12000 volts to a 750 KVA transformer providing 1000 amps of 480/277 volt 3-phase 4-wire power to a 500, 75 and 60 KVA transformer that delivers 120/208-volt 3 phase, 4 wire power to the buildings sub-panels. LCS, Lutron lighting has is T-8 lighting fixtures. Emergency battery pack lights are present. Emergency battery pack exit signs are present. A night light circuit is not present.

PLUMBING:
Plumbing fixtures are porcelain type manual 1.6 GPF toilets with 1 GPF urinals with up graded as needed for maintenance needs using the buildings copper piping that is present with main and isolation valves. Domestic hot water is supplied by a 80-gallon gas fired heater.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of horns and strobe annunciators and the system was upgraded in 2002-2003. The system is activated by a flow switch, pull stations and/or smoke detectors and is centrally monitored by a GE-EST panel. A security system is present. The building does have a fire sprinkler system and fire extinguishers.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

1 - 01B/C- ART CENTER/GALLERY

Facility Type:	Building	**Estimate Cost :**	$3,529,400.13
Gross Area (SF):	17772	**Additional Cost:**	$2,023,777.53
Year Built:	1931	**Repair Cost:**	$5,553,177.66
Last Renovation:	2006	**Replacement Value:**	$8,515,832.93
		FCI:	65.21

ART CENTER GALLERY 001

Art Center Gallery Building 001 is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 17,502 square foot building contains classrooms, labs, and offices. A partial basement contains mechanical space. Originally constructed in 1931, there have been no major renovations to date 2021. Building C had a cosmetic renovation in 2005. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, footings, and foundation walls that are original to construction. The main structure is a cast-in-place concrete frame with plaster and brick exterior walls finishes. Roof framing is wood. The roof is clay tile and rolled asphalt of unknown vintage. Exterior entrance doors are typically hollow metal in hollow metal frames using exit devices and ADA levers. The windows and infills are a combination of wood and metal frame single pane fixed and operational units. The building is accessed by concrete ramp.

INTERIORS:
Partition wall types include painted plaster and or gypsum with vinyl wall coverings. The interiors of exterior walls are typically painted brick. Most ceilings are a combination of 2'x 4' T-bar type acoustic tiles in metal grids with lighting and A/C vents and 12"x12" glue on acoustical tiles. Flooring in high traffic areas is carpet and sheet vinyl. Most other flooring is exposed concrete. Interior doors are a combination of solid wood in metal jambs and metal in metal jambs using a combination of levers and knob type hardware. The rest rooms have grab bars with tile floors a Marlite wainscot with painted gypsum ceilings. Toilet partitions are vinyl type. There is a residential kitchen present.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by two on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to 5 Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Two exhaust fans provide ventilation in bathrooms are installed on the roof top. three ductless Mini-split units supply conditioned air for the IT closet.

ELECTRICAL:
The mostly original electrical system is fed from a 300 KVA transformer installed in 2005 that delivers 1000 amps of 120/208 volt, 3 phase, 4 wire power to the facility through a 1000-amp distribution board. The distribution board delivers power to the building subpanels, some panels have been upgraded. LCS (Lutron) lighting has been upgraded to T-8 lighting using a combination of motion sensors, switches, magnetic contactors, a dimmer system and typical switches and outlets. Emergency lights and exit sings are present.

PLUMBING:
Plumbing fixtures are of original type using stainless steel sinks and typical 1.6 GPF toilets, 1 GPF urinals with upgrades as needed for maintenance needs. Most of the plumbing fixtures were replaced in 2005 remodel Copper and galvanized piping is present with main and isolation valves. Domestic hot water is supplied by a 50-gallon 65,000 BTU gas fired hot water heater. Additional hot water is provided by in line on demand instant Flow electric units mounted under sinks. Sump pumps are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of horns and strobes annunciators. The system is activated by pull stations and or smoke detectors and is centrally monitored up-graded GE EST 3 panel reporting to security. A security system was noted. The building does not have a fire sprinkler system. Fire extinguishers are present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

2 - 02M/T- PERFORMING ARTS CTR

Facility Type:	Building	**Estimate Cost :**	$9,256,880.30
Gross Area (SF):	67401	**Additional Cost:**	$5,307,946.31
Year Built:	1996	**Repair Cost:**	$14,564,826.61
Last Renovation:	2007	**Replacement Value:**	$33,620,054.90
		FCI:	43.32

PERFORMIGN ARTS CENTER 02

The Performing Arts Center Building 2 is located at the Mt. San Antonio College in Walnut, California. The 1- story, 67,401 square foot complex has two buildings containing theaters, classrooms, labs, and office space for the Theater and Music departments. Originally constructed in 1996, there have been no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems. Steel framed mezzanines were added to shop spaces after the original construction.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on and below-grade using footings and foundation walls. The main structure combines cast-in-place concrete, load bearing masonry walls using metal frame and pan deck. Exterior walls incorporate sandstone, brick, and pre-cast concrete elements. The roof is an asphalt and gravel membrane. Main entries are aluminum framed doors set in aluminum jambs. Exterior doors are typically hollow metal in hollow metal frames. Windows are aluminum frame, single pane as are the window in fills.

INTERIORS:
Partition wall types include painted drywall, concrete, and masonry. The theater has fabric covered walls and theater type seating. Most ceilings are a combination of suspended 2'x 2' and 2'x 4' T-bar type acoustical tiles in metal grids and painted gypsum with lighting and A/C vents and open to metal frame and pan deck using suspended lighting and duct. Flooring in high traffic areas is carpet. Other flooring is concrete or vinyl tile. The theater has a wood stage, and the dance area has a wood floor. Interior doors are generally wood and or metal in hollow metal frames using levers and panic type hardware. The restrooms have grab bars with tile floors and a tile walls/wainscot with solid surface toilet partitions. The stage is a Schindler hydraulic lift type. There are large metal doors to the mech rooms. The building has one, 2-stop Elevator and a wheelchair lift.

MECHANICAL/PLUMBING
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from the two on-site water-cooled centrifugal chillers. The hot water is provided by two on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to six Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Exhaust fans provide ventilation in bathrooms are installed on the roof to. One ductless Mini-split unit supplies conditioned air for the IT closet.

ELECTRICAL:
The electrical system is fed from campus substation to a 15.5 KV switch providing 12000 volts to a 2000 KVA transformer that delivers 3000 amps of 480/277 volt 3 phase, 4 wire power to a 500 KVA transformer that delivers 1000, 600 and 400 amps of 120/208 three-phase four wire power to the facility through distribution panels. The distribution board delivers power to the buildings sub-panels. Most lighting has been upgraded to CFLs and T-8 lighting fixtures in 1998 with auto operation switches with a lighting control system. There is a dimmer system, Sensor for typical theater lighting. There is a six section 480-volt 1200-amp MCC present. Emergency battery pack lights are present and emergency exit signs are present and typically illuminated by a generator. A night light circuit is present throughout the facility. The building has a Caterpillar 50 KV emergency power source using an Olympic auto transfer switch. There is a 480 volt 50 and a 112,5 KVA transformer providing 120/240-volt power. There is a 480 volt 37,5 and 225 KVA transformer providing 120/240 and 120/208-volt power.

PLUMBING:
Plumbing fixtures are mostly original type typical 1.6 GPF toilets, 1 GPF urinals with upgrades as needed for maintenance needs. The upgrades consist of auto operation toilets with waterless urinals. Copper piping is present with main and isolation valves that are mostly original. Domestic hot water is supplied by two Bradford White 6-gallon electric unit model M16U6SS-1NAL installed in 2016 and one Rheem Ruud 116-gallon electric water heater, with circulation pump.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible horns and strobes annunciators. The system is activated by smoke detectors, pull stations and or smoke detectors, and is centrally monitored by an upgraded GE- EST 3 panel reporting to security. A security alarm system is present. The building has a fire sprinkler system, fire extinguishers and fire blankets. Magnetic door releases are present at the fire doors. Fire curtain is present at stage.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

3 - 03- GYMNASIUM

Facility Type:	Building	**Estimate Cost :**	$16,412,693.79
Gross Area (SF):	43904	**Additional Cost:**	$9,411,129.29
Year Built:	1950	**Repair Cost:**	$25,823,823.08
Last Renovation:	1963	**Replacement Value:**	$26,150,315.28
		FCI:	98.75

GYMNASIUM 3

The Gymnasium Building 3 is located at the Mt. San Antonio College in Walnut, California. The 2 - story, 43,904 square foot building contains a large gym, locker rooms, offices, and associated spaces. Originally constructed in 1950 there was a renovation to lighting and air conditioning systems in 1962. An addition to the north end of the building added lobby space, restrooms offices, a training room, and exercise team rooms. The date of this addition was not provided in available documentation; however, it did not appear in the 1962 renovation drawings. By the type of construction, and condition of the facility, it would appear to have occurred in the early to mid-1960's. There have been no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replace of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, footings, and foundation walls that are original to construction. The main structure is cast-in-place concrete with plaster and a red brick veneer. The main gym roof framing is steel. Exterior walls are primarily stucco over concrete. There are some brick walls at the southern wing extensions, and at the front entrance. The roof is clay tile and rolled asphalt of unknown vintage. Exterior doors are typically original type wood in wood jambs and or metal in metal jambs, depending on use, using a combination of dead bolts, panic, and lever type hardware. The windows are mostly original wood and or metal frame, single pane fixed and operational units.

INTERIORS:
Partition wall types include painted and unpainted concrete, plaster and ceramic tile with areas using painted gypsum. The ceilings are a combination of exposed to structure, wood frame and decking, T-bar type 2'x4' acoustic type in metal grids with lighting and vents and 12"x12" glue on acoustic. Flooring in the main gym is wood strip. Most other flooring is exposed colored concrete, tile, and a limited amount of carpet. 9" x 9" vinyl tiles are present in press box area. Colored concrete is used in the main lobby. Interior doors are generally solid wood in wood frames using knob, panic, and lever type hardware. The building has metal lockers. The showers have tile floors with a tile wainscot using a painted hard lid. The rest rooms, some locations have grab bars with VCT and concrete floors with plaster and CMU walls using both painted hard lids and or 2' x 4' T-bar type acoustic in metal grids. Toilet partitions are metal.

MECHANICAL:
Heating is provided by two 300,000 BTUH, gas fired furnaces using original McQuay air handlers, model 0223V-X. The building does not have a cooling system other than a split system and window type A/C units for certain areas, offices. The heating distribution system is duct supply and return duct system. Three roof-top heat pump package units are in service for the coach's offices. Ceiling hung gas fired space heaters. Fresh air is supplied by the air handling units and four roof top fans. The roof mounted exhaust fans are installed to provide ventilation in bathrooms, showers, and the rest of the building.

ELECTRICAL:
The mostly original electrical system is fed from an upgraded 13.6 KV switch that delivers 12000 volts to a 225 KVA transformer that provides 800 amps of 120/208 volt 3 phase, 4 wire power to the facility through a newer 300 amp and a 600-amp distribution board. Additional power is fed at 480/277-volt power to a 2 KVA transformer providing 120/208 volt 3- phase 4-wire power. The distribution board has been upgraded and delivers power to the buildings sub-panels. Lighting is typically T-8 and T-5 lighting fixtures using typical switches and outlets. Hi Bay lighting is in gym. Emergency lights are present and emergency exit signs are present and typically illuminated. A night light circuit is present throughout the facility. The original six controller 6 KV dimmer system is present servicing the stage area. The building has (1) one, 5 KVA emergency power source provided by an original Onan generator using an Onan transfer switch.

PLUMBING:
Plumbing fixtures are typical of original type, drinking fountains sinks, 3.5 GPF toilets typical urinals with upgrades as needed for maintenance. Janitor sink is porcelain. Copper piping is present with main and isolation valves that are mostly original to construction with upgrades as needed for maintenance needs. Domestic hot water is supplied by one, 1,050,000 BTUH Ajax gas fired boiler with a hot water storage tank that appears to be original to construction using a combination of mixing valves and circulation pumps.

FIRE LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. The system is activated by pull stations. A security system was not noted. The building does have a fire sprinkler system. Fire extinguishers are present in common areas. The campus has emergency phones located around campus.

Hazmat.
Due to the era of construction practices, there are possible known hazardous materials present in the building.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

4 - 04- ADMINISTRATION

Facility Type:	Building	**Estimate Cost :**	$29,021.42
Gross Area (SF):	43251	**Additional Cost:**	$16,641.04
Year Built:	1965	**Repair Cost:**	$45,662.46
Last Renovation:	2011	**Replacement Value:**	$17,504,059.67
		FCI:	0.26

ADMINISTRATION 004

The Administration Building 4 is located at the Mt. San Antonio College in Walnut, California. The 2 - story, 43,251 square foot building contains offices, classrooms, a printing center, mail room, data hub, and associated spaces. Originally constructed in 1965, there has been a major renovation in 2010 with no other major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on slab-on-grade, footings, and foundation walls. The main structure is cast-in-place concrete with metal framing and pan deck roof sheeting. Exterior walls are a combination of red brick veneers and plaster and metal finishes. The roof is 100 mill single ply of 2012 vintage. Exterior main entrance doors are typically push plate, auto operation aluminum framed store front type with tinted glass, while utility doors are hollow metal in hollow metal frames using a combination of lever and panic type hardware. Windows are aluminum frame; dual pane units as are the large window in fills. There are accents of colored glass block on the north and south elevations.

INTERIORS:
Partition wall types include painted gypsum, plaster and aluminum framed single pane window walls. Most ceilings are 2' x 4' T-bar type acoustical tiles in metal grids with areas using painted gypsum and or exposed to concrete. Flooring in high traffic areas is mostly carpet with areas using VCT and tile. Interior doors are generally solid wood in wood jambs using lever and panic type hardware, while some doors use electric access control. Some doors have wood framed sidelights. The restrooms have grab bars with tile floors and walls with painted gypsum ceiling using solid surface toilet partitions. The building has one, Otis 2-stop Elevator using 25 HP 75.5% EFF pump motor.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from the central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to one Air Handling Unit (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. Additional cooling is provided by two split system for the data rooms. Additional heating and cooling are provided by a two stage York gas fired package unit. The roof mounted exhaust fans are installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed from a 15 KV switch providing 12000 volts to a 750 KVA transformer that delivers 1600 amps of 480/277 volt 3 phase, 4 wire power to the facility through a combination of 15, 150 and 225 KVA transformers providing 120/208-volt 800 amp power. The distribution board delivers power to the building subpanels. LCS lighting has been upgraded to T-8 and LED lighting fixtures using a combination of motion sensors, switches, electric switching, typical switches, and outlets. Emergency lights are present and emergency battery pack exit signs are present and typically illuminated. A night light circuit is present throughout the facility. The building has an 80 KV emergency power source using two Zenith auto transfer switches and a UPS.

PLUMBING:
Plumbing fixtures are typically of remodel vintage with upgrades as needed for maintenance needs. The upgrades consist of auto operation, 1.6 GPF toilets, low flow sinks with waterless urinals. Copper piping is present with main and isolation valves. Domestic hot water is supplied by a 50-gallon electric hot water heater, using a 1/6 HP circulation pump and expansion tank. Seismic straps are present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. The system is activated by a flow switch, pull stations, smoke, heat detectors, and is centrally monitored by a GE-EST panel reporting to security. A security system was noted. The building has a fire sprinkler system and fire extinguishers in common places. Assistive listening system is present. Emergency phones are present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

6 - 06- LIBRARY/LEARNING TECH

Facility Type:	Building	**Estimate Cost :**	$11,144,192.91
Gross Area (SF):	109017	**Additional Cost:**	$6,390,141.78
Year Built:	1963	**Repair Cost:**	$17,534,334.69
Last Renovation:	1999	**Replacement Value:**	$55,928,368.94
		FCI:	31.35

LIBRARY 006

The Library Building 6 is located at the Mt. San Antonio College in Walnut, California. The 2 - story, 101,652 square foot building that contains the Library, Learning Assistance, Tutorial Services, Staff Development, Media Services, Broadcasting, and the ESL intercultural Center. Originally constructed in 1963. The building interior was totally renovated in 2001 with no other major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using footings and foundation walls that are original to construction. The main structure is cast-in-place concrete first story walls, columns, slabs, and beams with metal framing. The second floor incorporates brick infill panels and "pop out" window boxes of stucco. The roof is EPDM. Main entrance doors are typically auto operation store front type aluminum framed sliding units in aluminum jambs using a combination of panic and lever type hardware with electric access control with single pane glass. Service exterior doors are metal in metal jambs using panic, lever type hardware with electric access control. Windows are aluminum frame, single pane fixed units.

INTERIORS:
Partition wall types include painted concrete. and gypsum board. Most ceilings are T-bar type acoustical tiles suspended in metal grids with lighting and A/C vents. Flooring in high traffic areas ranges from, Terrazzo, carpet, VCT, with some painted concrete and 9"x 9 vinyl tiles. Interior doors are generally plastic laminate faced solid wood in aluminum frames using levers and or electric access additional interior doors are wood and or metal in metal jambs using lever and panic type hardware. Rooms 122 and 125 are raised wood. The restrooms have grab bars with tile floors and wainscot with painted gypsum half walls and ceilings. The toilet partitions are of plastic type. The freight elevator has 9"x 9" vinyl tiles and the passenger elevator have VCT flooring.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from the central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to eight Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Additional conditioning is provided by two mini split systems for dedicated 24x7 conditioning requirements.

ELECTRICAL:
The electrical system is fed from a 15 KV switch providing 12,000 volts to a 2,000 KVA transformer that delivers 480/277 volt 3 phase, 4 wire power to the facility through one, 3,000 amp distribution board to a combination of 225, 150, 112.5 and 75 KVA transformers that provides 800, 600 and 400 amp of 120/208 volt 3 phase 4 wire power. The distribution board delivers power to the buildings sub-panels. LCS lighting is typically a combination of LED, T-8, and T-35 type can lights using a combination of motion sensors, switches, electric switching and typical switches and outlets. Emergency lights are present and emergency battery pack exit signs are present and typically illuminated. A night light circuit is present throughout the facility. The building has an emergency power source providing 480 volt to a 45 KVA transformer providing 120/208 volt 3-phase 4- wire power. The building has two 2-stop Elevator.

PLUMBING:
Plumbing fixtures are typically porcelain type with upgrades as needed for maintenance needs. The upgrades consist of auto operation toilets, urinals and waterless urinals. Copper piping is present with main and isolation valves. Domestic hot water is supplied by a combination of two 50-gallon and one 38-gallon and one 30-gallon unit, using a 1/6 HP circulation pump with instantaneous, electric hot water heaters.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. The system is activated by a flow switch, pull stations and or smoke detectors and is centrally monitored. A security system is present. The building has a fire sprinkler system. The building has a video monitoring system.

Hazmat.
Due to vintage of construction asbestos and or lead based paints may be present.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

16 - 06A - INFORMATION KIOSK

Facility Type:	Building	**Estimate Cost :**	$2,770.62
Gross Area (SF):	96	**Additional Cost:**	$1,588.69
Year Built:	1998	**Repair Cost:**	$4,359.31
Last Renovation:	N/A	**Replacement Value:**	$9,387.63
		FCI:	46.44

INFORMATION KIOSK 06A

Information Kiosk 06A is located at the Mt. San Antonio College in Walnut, California. The 1- story, 80 square foot building contains press box. Originally constructed at this site in 1996 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure appears to be metal panel units with metal framing. The roof is metal. The windows are metal framed single pane fixed units. Exterior door is a metal slider.

INTERIORS:
Interior walls are exposed to painted metal. The ceiling appears to be 2'x 4' T-bar type fabric panels.

MECHANICAL/PLUMBING:
PTAC (portable terminal air conditioner) provides heating and cooling.

ELECTRICAL:
Power is fed providing 120/240 volt 1-phase 3-wire power to a 50-amp panel. Lighting is typically T-8 fluorescent using typical switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None.

Hazmat.
None noted from the 2021 assessment.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

7 - 07- SCIENCE SOUTH

Facility Type:	Building	**Estimate Cost :**	$4,715,987.71
Gross Area (SF):	41661	**Additional Cost:**	$2,704,173.40
Year Built:	1960	**Repair Cost:**	$7,420,161.11
Last Renovation:	2008	**Replacement Value:**	$17,790,948.41
		FCI:	41.71

SCIENCE SOUTH 007

Science South Building 7 is located at the Mt. San Antonio College in Walnut, California. The 2 - story, 41,661 square foot building contains classrooms, labs, and offices. Originally constructed in 1960 with a major renovation in 2008 with no other major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade with footings and foundation walls using metal framing and pan deck. The main structure is a cast-in-place concrete using a 48" RBV wainscot. The roof is single ply of unknown vintage. Exterior entry doors are metal in metal jambs using a panic devices and ADA lever handles. The windows are aluminum framed fixed dual pane units.

INTERIORS:
Partition wall types include painted plaster, CMU, and gypsum. Most ceilings are T-bar acoustical tile and painted hard lids. Flooring in high traffic areas is VCT vinyl tile. Most other flooring is exposed concrete. Interior doors are generally solid wood in metal frames using a combination of levers and panic type hardware. The restrooms have grab bars with tile floors and FRP wainscot using painted gypsum ceilings. The toilet partitions are vinyl type. The building has an elevator using a 30 HP 80% EFF motor.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from the central plant. The hot water is provided by two on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to two Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). There are three roof top mounted exhaust fans for lab hoods.

ELECTRICAL:
The electrical system is fed from a 15 KV switch providing 12000 volts to a 1500 KVA transformer that delivers two section 1200 amps of 480/277 volt 3-phase 4-wire power to a combination of 30, 500 KVA transformer that provides 1600 amps of 120/208, volt, 3 phase, 4 wire power to the facility. The distribution board delivers power to the buildings sub-panels. There is a 600-amp 3 phase four wire 208-volt, 1959 vintage motor control panel present. LCS lighting has been upgraded to T-8 and LED lighting using a combination of electric switching, motion sensors, switches and typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present. The building has an emergency power generator using an Asco 7000 transfer switch.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance/remodel needs. The hallways have water fountains. The upgrades consist of auto operation sinks and water less urinals. Copper piping is present with main and isolation valves with eye wash and showers stations in lab areas. Domestic hot water is supplied by a 125-gallon gal. 199,000 BTU gas fired hot water heater using 1/4 HP circulation pump with expansion tank. Seismic straps are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of horn, strobe annunciators located in common places. The system is activated by a flow switch, pull stations, smoke detectors and is centrally monitored by a GE-EST panel reporting to security. The building has smoke detectors and fire dampers in the buildings duct work. The building has a fire sprinkler system and fire extinguishers. Emergency phones are present.

Hazmat:
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

8 - 08- MOUNTIE CAFE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	16577	**Additional Cost:**	$.00
Year Built:	2015	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$9,037,220.03
		FCI:	0.00

MOUNTIE CAFÉ 008

Mountie Café Building 008 is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 16,577 square foot building contains a cafeteria seating area. Originally constructed in 2015 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, footings, and foundation wall construction. The main structure is cast-in place using metal framing and pan deck. Roof framing is metal truss. The roof is single ply EPDM. Exterior entrance doors are store front type aluminum set in aluminum jambs using panic type hardware. The window infills in this building are aluminum framed dual pane fixed and operational units. Panel roll up window walls are present. The building is accessed by concrete ramps.

INTERIORS:
Partition wall types include painted gypsum. Most ceilings are a combination of painted gypsum and exposed to metal frame and pan deck. Flooring in high traffic areas is stained concrete. Most other flooring is epoxy coated. Interior doors are generally solid wood in metal jambs using lever type hardware. The restrooms have grab bars with epoxy coated floors with painted gypsum ceilings and tile walls. Toilet partitions are solid surface resin. The building has a stainless-steel commercial type of kitchen.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from the central plant. The hot water is provided by two on site hot water gas fired boilers. The boilers are outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to three Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Exhaust fans provide ventilation in bathrooms are installed on the roof to. One ductless Mini-split unit supplies conditioned air for the IT closet. Large (Big Ass Fans) are present for air circulation in dining area. The kitchen is outfitted with the proper make up air systems for the kitchen hood. Fly fand are present over doors to the outside.

ELECTRICAL:
The electrical system is fed from a 15 KV switch providing 12470 volts to a 460 KVA transformer that delivers 480/277-volt two section 800-amp 3 phase, 4 wire power to a 225 KVA transformer providing 1000 amps of 120/208 volt 3-phase 4- wire power the facility. The distribution board delivers power to the building subpanels. Lighting is up graded LED and T-8 using ceiling suspended in cafeteria using a combination of electric switching, motion sensors and motion switches. Emergency lights are present using an Illesco battery system. Emergency exit signs are present and typically illuminated.

PLUMBING:
Plumbing fixtures consists of auto operation toilets and waterless urinals that are of original type with upgrades as needed for maintenance needs using the mostly original piping. Domestic hot water is provided by the gas fired boilers using a 250-gallon.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. The system is activated by pull stations, smoke detectors and is centrally monitored by a GE-EST panel reporting to security. The building has a fire sprinkler system.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

115 - 09A- BOOKSTORE

Facility Type:	Building	**Estimate Cost :**	$7,020,649.16
Gross Area (SF):	21311	**Additional Cost:**	$4,025,679.03
Year Built:	1969	**Repair Cost:**	$11,046,328.19
Last Renovation:	2006	**Replacement Value:**	$11,624,843.45
		FCI:	95.02

BOOKSTORE 115 (9A)

Bookstore Building 115 (9A) is located at the Mt. San Antonio College in Walnut, California. The 1-story, 21,311 square foot building contains a bookstore and coffee shop/store, and offices. Originally constructed in 1969 there has been additions of a coffee shop and minor renovations with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using footings and foundation walls that are original to construction. The main structure is a cast-in-place concrete exterior walls with a red brick veneer. Roof/building framing is metal with pan deck. The roof is rolled asphalt. The building was re-roofed 1989. Exterior main entrance doors are typically auto operation aluminum store front type in aluminum jambs with large aluminum window in fills that are single pane fixed units. The service doors are wood doors with metal jambs using panic hardware and lever handles.

INTERIORS:
Partition wall types include painted CMUs and painted gypsum with areas using metal frame single pane window walls. The interiors of exterior walls are typically painted brick. Most ceilings are drop ceiling T-bar type acoustical type in the main area and offices. Flooring in high traffic areas is a combination of VCT and carpet. Most other flooring is exposed concrete. Interior doors are generally solid wood and or metal in metal jambs using panic and lever type hardware with some using electric access control. The rest rooms have tile floors with tile wainscot with 12"x 12" glue on ceilings. The toilet partitions are metal.

MECHANICAL:
Heating is provided by one Ajax 1.2 million BTUH. Cooling is supplied by a Built-up DX AHU using a 50 HP refrigeration compressor. The cooling tower is a BAC, Model # VC1-52. The heating and cooling distribution system is a multi-zone duct system using a factory built, original McQuay floor mounted air handling units equipped with hot water coil fed from the boiler and DX compressor coil and a return fan using 15 HP 85.6% EFF. Additional cooling is provided by a Bryant heat pump model 6041EEX036000AA using R-22 Freon. The roof mounted exhaust fan is installed to provide ventilation in bathrooms. The mechanical systems are controlled and monitored by a Building Automation System (BAS).

ELECTRICAL:
The electrical system is fed from the campus substation 21s 15.5 KV, /12000-volt switch providing power to a 500 KVA transformers that delivers 600 amps of 480/277 volt, 3 phase, 4 wire power to a 225 KVA transformer providing 600 amps of 120/208 3 phase 4 wire the facility through a distribution/MCC board. The distribution board delivers power to the buildings sub-panels. Lighting is T-8 lighting fixtures using a combination of motion sensors and typical switches and outlets. Emergency lights are present. Emergency exit signs are present.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance needs. The upgrades are waterless urinals. Copper piping is present with main and isolation valves that are mostly original to construction. Domestic hot water is supplied by one, 50-gallon Bradford white 40,000 BTU gas fired hot water heater, model M45036FBN. Additional hot water is provided instant-hot type water heaters.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of an Edwards EST3 panel with horns and annunciators with strobes. The system is activated by pull stations and smoke detectors and is centrally monitored offsite. A security alarm and video system are present. The building has a fire sprinkler system in storage areas/JC closets.

Hazmat.
Due to the age and the common building practices at that this there is the potential of known hazardous materials present.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

105 - 09B- STUDENT SERVICES CENTER

Facility Type:	Building	**Estimate Cost :**	$5,506,270.53
Gross Area (SF):	56730	**Additional Cost:**	$3,157,325.94
Year Built:	1994	**Repair Cost:**	$8,663,596.47
Last Renovation:	2008	**Replacement Value:**	$25,731,587.50
		FCI:	33.67

STUDENT SERVICES CENTER 105 (9B)

The Student Services Center Building 105 (9B), is located at the Mt. San Antonio College in Walnut, California. The 2 - story 56,730 square foot building contains offices. Originally constructed in 1994, there have been no major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using footings and foundation walls that are original to construction. The main structure is structural steel using a metal frame and pan deck. Exterior walls are CMUs with pre-cast concrete accents with a red brick veneer. Walls at the major entrances incorporate pre-finished metal panels. The roof is rolled EPDM. A Kalwall skylight enhances the center atrium and extends to shelter the exterior stair structures. Exterior entrance doors are push plates; auto operation aluminum framed store front type set in aluminum jambs using panic type hardware with electric access control. Windows/infills are aluminum frame, single pane fixed and operational units.

INTERIORS:
Partition wall types include painted gypsum board and metal framed, dual pane fixed window walls. Most ceilings are 2'x 2' T-bar suspended acoustical tile in metal grids with lighting and A/C vents. Flooring in high traffic areas is carpet and carpet tile. Most other flooring is ceramic tile and VCT. Interior doors are generally solid wood in hollow metal frames using lever and panic type hardware. The rest rooms have tile floors, tile walls, solid surface stall partitions, and painted gypsum ceilings.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is provided to the building through pipes, pumps, and control valves sourced from central plant. The cooled water is delivered to the roof top Air Handling Unit (AHU). The heated water is provided by the onsite hot water boiler, pumps, piping, and control valves. The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units. The VAV's are outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building. Additional dedicated cooling for critical environments is provided by a cooling only split system. The roof mounted exhaust fans are installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed from a 15 KV switch providing 12000 volts to (1) one, 750 KVA transformer that delivers 277/480-volt power to a 300 KVA transformer that provides 120/208, 3 phase, 4 wire power to the facility through one, 1,000 Amp distribution board. The distribution board delivers power to the buildings sub-panels. Lighting is typically T-8 lighting fixtures using a LCS with a combination of motion sensors, switches and typical switches and outlets. Emergency lights are present and emergency battery pack exit signs are present and typically illuminated. A night light circuit is present throughout the facility. The building has one, Caterpillar emergency power source using a CAT auto transfer switch. The building has one, 2-stop US 15 HP Elevator.

PLUMBING:
Plumbing fixtures are porcelain type, typical sinks with 1.6 GPF toilets with upgrades as needed for maintenance needs. The upgrades consist of water less urinals. Copper piping is present with upgrades as needed for maintenance needs with main and isolation valves. Domestic hot water is supplied by two 40,000 BTU American 50-gallon, gas hot water heaters, using a 1/4 HP circulation pump. Seismic straps are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of horns and strobes annunciators. The system is activated by a flow switch, pull stations and or smoke detectors and is centrally monitored by a FCI panel reporting to security. A security alarm and video system are present. The building has a fire sprinkler system and fire extinguishers are present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

9 - 09C- STUDENT LIFE CENTER

Facility Type:	Building	**Estimate Cost :**	$5,325,964.47
Gross Area (SF):	16366	**Additional Cost:**	$3,053,937.44
Year Built:	1962	**Repair Cost:**	$8,379,901.91
Last Renovation:	2014	**Replacement Value:**	$8,927,417.19
		FCI:	93.87

STUDENT LIFE CENTER 09

The Student Life Center Building 09 is located at the Mt. San Antonio College in Walnut, California. The 1 - story 16,366 square foot building contains student gathering spaces, meeting rooms, a small kitchen, and offices. A partial basement contains mechanical spaces and storage. Originally constructed in 1962, there have been no additions. The large student area was renovated in 2001 with new flooring, a suspended ceiling, and blinds with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, footings and foundation walls that are original to construction. The main structure is a cast-in-place concrete frame. Exterior walls are brick. The roof is a rolled comp. Exterior entrance door are typical push plate, auto operation store front type aluminum doors set in aluminum jambs using panic type hardware. The service doors are metal in metal jambs using levers. Windows/infills are a combination aluminum frame, single/dual pane type units.

INTERIORS:
Partition wall types include painted CMU, plaster, and wood paneling. The interior wall finishes are generally of original type. Most ceilings are a combination of 2'x 4' T-bar acoustic type tiles in metal grids with lighting and A/C vents with areas using 12"x12" glue on acoustical tiles and plaster that appears original to construction. Flooring in high traffic areas is concrete. Most other flooring is carpet and VCT. Interior doors are a combination of wood in wood jambs using lever hardware. There are aluminum doors and jambs present also using lever type hardware. The restrooms have tile floors and walls with wainscot using metal toilet partitions.

MECHANICAL:
The Heating for the building is provided by a hot water boiler outfitted with pipes, pumps, and control valves to the two-floor mounted Air Handling Units (AHU). The cooling is provided by two DX systems to the two-floor mounted AHU's. The AHU's are multizone systems delivering the conditioned air to the spaces. The mechanical systems are controlled and monitored by a Building Automation System (BAS).

ELECTRICAL:
The electrical system is fed from one, 225 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility through one 600 Amp distribution board. The distribution board delivers power to the buildings sub-panels. Lighting has been upgraded to LED. Emergency battery pack lights are present, and 50% emergency battery pack exit signs are present and typically illuminated. A night light circuit is present throughout the facility.

PLUMBING:
Plumbing fixtures are porcelain with upgrades as needed for maintenance needs. The upgrades consist of auto operation urinals. Copper piping is present with main and isolation valves that are mostly original to construction. Domestic hot water is supplied by one, 30 gal. 32,000 BTU gas hot water heater using a 1/6 HP circulation pump. Seismic straps are present. The building has a sump pump.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobes annunciators located in common places. The system is activated by a flow switch, pull stations, and is centrally monitored off-site. The building has a fire sprinkler system in the storage areas.

Hazmat.
Due to the era of construction there is the possibility of known hazardous materials.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

116 - 09D- MODULAR 9D

Facility Type:	Modular	**Estimate Cost :**	$1,292,918.53
Gross Area (SF):	4074	**Additional Cost:**	$741,366.63
Year Built:	1977	**Repair Cost:**	$2,034,285.16
Last Renovation:	2004	**Replacement Value:**	$1,341,501.75
		FCI:	151.64

MODULAR D9 116

Modular Building D9 115 is located at the Mt. San Antonio College in Walnut, California. The 1-story, 4,074 square foot building contains labs, and offices. Originally constructed in 1977 with a cosmetic remodel in 2009 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a perimeter concrete footing supporting a metal frame and a wood sub floor. The main structure is wood framed with wood siding. Roof framing is wood. The original roof was not available for assessment and is of unknown age. Exterior entrance doors are typically hollow metal in hollow metal jambs using panic type hardware. The windows are aluminum framed dual pane fixed tinted units. The building is accessed by concrete and wood ramps.

INTERIORS:
Partition wall types include hard board using vinyl wall coverings. The interior wall finishes are generally of original type. Most ceilings are T-bar type 2'x4' acoustical tile in metal grids with lighting and A/C vents. Flooring in high traffic areas is carpet. Interior doors are wood in metal jambs using lever handles. The restrooms have sheet vinyl floors with marlite walls with T-bar ceilings.

MECHANICAL:
Heating and cooling are provided by three Carrier gas fired package units using programmable thermostats. Unit model #'s are 48GSN048090501, 48HJd007-551, AND 48VGNA6009050. One split system cools the computer server room. The roof mounted exhaust fans are installed to provide ventilation in bathrooms.

ELECTRICAL:
The electrical system is fed from 9A that provides 120/208 volt 1-phase 3-wire power to a distribution board. The distribution board delivers power to the buildings original and up graded subpanels providing up to 300 amps. Lighting has is T-8 lighting fixtures using motion sensors and typical switches and outlets. Emergency exit signs are present.

PLUMBING:
Plumbing fixtures are original type with upgrades as needed for maintenance/use needs. Copper piping is present and mostly original with main and isolation valves. Domestic hot water is supplied by a 40-gallon, 42,000 BTU. Janitor sink is floor mounted fiber glass type,

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobes and annunciators. The system is activated by pull stations and is centrally monitored. The building has fire extinguishers.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

31 - 09E- STUDENT SUCCESS CTR

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	24173	**Additional Cost:**	$.00
Year Built:	2016	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$12,442,385.12
		FCI:	0.00

STUDENT SUCCESS CENTER 31 (09E)

Student Success Center Building 31 (09E), is located at the Mt. San Antonio College in Walnut, California. The 3-story, 24,173 square foot building contains classrooms, labs, and offices. Originally constructed in 2015 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using metal framing, concrete post with metal frame and pan deck. The main structure is cast in place concrete with red brick veneers with a stucco finish. Roofing is EPDM with metal framing pan deck. Exterior main entries are push plate; auto operation store front aluminum framed doors set in aluminum jambs using panic type hardware with electric access control. The service doors are metal in metal jambs using lever type hardware. The windows/infills in this building are aluminum framed dual pane fixed units.

INTERIORS:
Partition wall types include painted gypsum. The interior wall finishes are generally of original type. Most ceilings are 2'x 2' T-bar acoustical tiles in metal grids with lighting. Flooring in high traffic areas is carpet and VCT. Interior doors are wood in metal jambs using lever type hardware. The rest rooms have grab bars with tile floors with tile walls with painted gypsum ceilings with solid surface resin toilet partitions. Two Otis elevators are present.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Two exhaust fans provide ventilation in bathrooms are installed on the roof top. Additional conditioning is provided by three mini split systems for dedicated 24x7 critical environmental conditioning.

ELECTRICAL:
The electrical system is fed from 9E at 800A 480/277v to a 225 KVA pad mounted transformer providing 1200A 120/208v 3-phase 4-wire power to local distribution panels. LCS lighting has been upgraded to LED and T-8 lighting fixtures using a combination of motion sensors, switches, electric switching and typical switches and outlets. Emergency lighting and Emergency exit signs are present using an illuminator battery system. A night light circuit is present.

PLUMBING:
Plumbing fixtures are original type with upgrades as needed for maintenance use needs. The upgrades consist of auto operation sinks, toilets and 1 GPF urinals. Copper piping is used with main and isolation valves. Domestic hot water is supplied by a Bradford/White hot water heater. Drinking fountains are present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobes and annunciators located in common places. The system is activated by a flow switch, pull stations, smoke detectors and is centrally monitored by a GE-EST panel. A security system is present. The building has fire sprinklers and fire extinguishers. An earthquake valve is present at main gas line. Air quality monitoring system is present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

33 - 09F- MODULAR 9F

Facility Type:	Modular	**Estimate Cost :**	$.00
Gross Area (SF):	2140	**Additional Cost:**	$.00
Year Built:	2017	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$704,667.09
		FCI:	0.00

MODULAR 33 (09F)

Modular Building 33 (09F) is located at the Mt. San Antonio College in Walnut, California. The 1- story 2,140 square foot modular building contains classrooms. Originally constructed/placed here in 2017 with no major remodels to date 2021, A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The buildings rests on a metal frame on piers. The main structure is wood framed with wood siding modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood and or metal type in aluminum jambs using lever handles. The windows in this building are single pane aluminum framed fixed and operational units. The building has wood ramps for access.

INTERIORS:
Partition walls are typically vinyl covered wall board, wood paneling and or painted gypsum. Ceilings are typically 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is mostly carpet. There are no restrooms in this building.

MECHANICAL:
EMS Auto logic. Heating and Cooling is provided by Bard type Heat Pumps with ceiling supply's with wall returns. The heating and cooling distribution system is a duct supply and return system.

ELECTRICAL:
The mostly original electrical system is fed from an underground campus substation to a 112.5 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility using 200 Amp distribution panels. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are not present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE EST 3 panel reporting to security. The building does not have a fire sprinkler system but does have fire extinguishers. A security alarm is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

34 - 09G- MODULAR 9G

Facility Type:	Modular	**Estimate Cost :**	$.00
Gross Area (SF):	2140	**Additional Cost:**	$.00
Year Built:	2017	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$704,667.09
		FCI:	0.00

MODULAR 34 (09G)

Modular Building 34 (09G) is located at the Mt. San Antonio College in Walnut, California. The 1- story 2,140 square foot modular building contains classrooms. Originally constructed/placed here in 2017 with no major remodels to date 2021, A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The buildings rests on a metal frame on piers. The main structure is wood framed with wood siding modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood and or metal type in aluminum jambs using lever handles. The windows in this building are single pane aluminum framed fixed and operational units. The building has wood ramps for access.

INTERIORS:
Partition walls are typically vinyl covered wall board, wood paneling and or painted gypsum. Ceilings are typically 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is mostly carpet. There are no restrooms in this building.

MECHANICAL:
EMS Auto logic. Heating and Cooling is provided by Bard type Heat Pumps with ceiling supply's with wall returns. The heating and cooling distribution system is a duct supply and return system.

ELECTRICAL:
The mostly original electrical system is fed from an underground campus substation to a 112.5 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility using 200 Amp distribution panels. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are not present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE EST 3 panel reporting to security. The building does not have a fire sprinkler system but does have fire extinguishers. A security alarm is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

10 - 10- FOUNDERS HALL

Facility Type:	Building	**Estimate Cost :**	$179,734.32
Gross Area (SF):	8452	**Additional Cost:**	$103,060.65
Year Built:	1932	**Repair Cost:**	$282,794.97
Last Renovation:	2007	**Replacement Value:**	$4,050,144.67
		FCI:	6.98

FOUNDERS HALL 010

Founders Hall Building 10 is located at the Mt. San Antonio College in Walnut, California. The 2 - story, 8,452 square foot building contains meeting and dining rooms, President's Suite, and a kitchen. A partial basement contains mechanical space and storage. Originally constructed in 1932 as the president's house, there was an addition to the east, in 1958, expanding the kitchen and adding a large dining room. It does appear that there have been major renovations in 2007 with no other major remodels to date, 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel including replacement of all systems.

STRUCTURAUEXTERIOR CLOSURE:
The building rests partially on concrete slab below grade using a combination of cast in place concrete, footings, with post and beams that are a combination of CMU replacement and original to construction. There is a steel post and beam in the basement. The main structure is stucco, and or lath and plaster over wood framing. Roof framing is wood. The main roof is clay tiles and metal standing seam. Exterior entrance doors are typically wood in wood jambs using a combination of push plate, auto operation and panic type hardware and original type hardware. Windows in the original building are wood frame, single pane units. Windows in the addition are wood framed single pane units.

INTERIORS:
Partition wall types include painted plaster and or gypsum. Most ceilings are painted plaster and or gypsum. Flooring in high traffic areas is hard wood. Most other flooring is carpet. Interior doors are generally solid wood in wood frames using levers. The rest rooms have grab bars with tile floors and painted gypsum walls and ceilings. The building has a commercial stainless kitchen. Wheelchair lift is present.

MECHANICAL
Heating and Cooling is provided by three Carrier, roof mounted heat pumps, and four Carrier split systems. Three Ductless Mini-Split units serve the kitchen area and upstairs control room. Fresh air is supplied by economizer units. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Fly fans are present.

ELECTRICAL:
The electrical system is fed from two 800-amp main switches to the facility's 225-amp, 120/208-volt, 3 phase 4 wire distribution board. The distribution board delivers power to the building subpanels. LCS Lithonia, Lighting is typically CFL and LED using typical switches and outlets. Emergency battery pack exit signs are present.

PLUMBING:
Plumbing fixtures are typically of original type 1 GPF urinals, 1.6 GPF toilets with upgrades as needed for maintenance/remodel needs. Copper/cast iron piping is present with main and isolation valves. Domestic hot water is supplied by (1) one Rudd, 80 gal. 199,000 BTU gas hot water heater, model HE80-199N with expansion tank and circulation pumps.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE EST 3 panel with strobes and annunciators. The system is activated by pull stations and is centrally monitored. The building does not have a fire sprinkler system. The kitchen has an Ansul fire suppression system.

Hazmat:
Due to the era of construction, there is the possibility of known hazardous materials.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

11 - 11- SCIENCE NORTH

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	27786	**Additional Cost:**	$.00
Year Built:	1960	**Repair Cost:**	$.00
Last Renovation:	2009	**Replacement Value:**	$14,753,789.24
		FCI:	0.00

0011:
Science north Chemistry Building 11, is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 27,786 square foot building contains classrooms, labs, and offices. A partial basement contains mechanical space. Originally constructed in 1960.The last renovations were in 1993 and again in 2008.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a raised concrete pad and slab-below-grade, with cast in place concrete walls, and footings, and foundation walls. The main structure is a cast-in-place concrete frame with Red brick veneers at exterior walls using metal frame and pan deck. The roof is single ply 2008. Exterior doors are typically hollow metal in hollow metal frames using levers. There are fixed windows of metal framed dual pane units. The covered walkways are sheet metal awning.

INTERIORS:
Partition wall types are drywall. Most ceilings are T-bar acoustical tiles with some areas of punched metal. Flooring in high traffic areas VCT vinyl tiles. Most other flooring is exposed concrete. Interior doors are generally solid wood in wood frames and others are metal in metal jambs. The restrooms have grab bars with tile floors with a tile wainscot with vinyl type toilet partitions.

MECHANICAL/PLUMBING
EMS monitored. Heating is provided by (2) two Ajax, 840,000 BTUH, gas fired boilers, Model # WRFG-840LN floor mounted installed in 2005 using two, Bell and Gossett 1.5 HP 86%EFF circulation pumps on VFDs. These boilers provide hot water to 27 VAV boxes with re-heat coils. The cooling distribution system is a VAV system using Temptrol factory-built floor mounted air handling units, model WF-DHRE52, WF-DHRE15. Fresh air is supplied by infiltration, the air handling economizer units and (1) one, roof top fan. Two GreenHeck exhaust fans provide ventilation in bathrooms are installed on the roof top. Two roof top Vektor exhaust fans are present for fume hood lab exhaust. One ductless Mini-split unit supplies conditioned air for the IT closet. Plumbing fixtures are typically of original type using 1.6 GPF toilets with upgrades as needed for maintenance needs. The upgrades consist of waterless urinals. Copper piping is present with main and isolation valves. Domestic hot water is supplied by a Ventura, 125-gallon gas fired hot water heater, model 20V125A-MXS providing 199,000 BTUs using a 1/6 HP circulation pump. Cast iron and copper piping is present. Seismic straps are present. A sump pump is present. Several eyewash safety stations are present. Domestic water has a soft water treatment system.

ELECTRICAL:
The electrical system is fed from a 15.5 KV switch providing 12000 volts to a 750 KVA transformer providing 1000 amps of 480/277 volt power to a 300, 112.5, 45 KVA transformer that delivers 1000 amps 120/208 volt, 3 phase, 4 wire power to the facility through distribution boards. The distribution board delivers power to the building subpanels. LCS lighting has been upgraded to T-8 lighting fixtures using an LCS with typical switches and outlets. A night light circuit is present. The building has an emergency power source using an Asco 400-amp, 480/277-volt transfer switch. The building has a Schindler Elevator, 50 HP 80% EFF motor

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of horns and strobe annunciators located in common places. The system is activated by a flow switch, pull stations, and is centrally monitored by a GE-EST-3 panel that is monitored. The building has a fire sprinkler system. Fire extinguishers are present.

Hazmat.
Due to vintage of construction asbestos and or lead based paints may be present.

Deficiencies:
1 Replace air handlers.
2 Replace circulation pumps.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

12 - 12- BUILDING 12

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	15670	**Additional Cost:**	$.00
Year Built:	1963	**Repair Cost:**	$.00
Last Renovation:	2014	**Replacement Value:**	$7,460,946.98
		FCI:	0.00

BUILDING 0012

Counseling support Building, No.12, is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 15,670 square foot building contains classrooms, labs, and offices. Originally constructed in 1963 with a major renovation in 2015-16. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on slab-on-grade, footings, and foundation walls. The main structure is a cast-in-place concrete frame with brick exterior walls. Roof framing is wood. The roof is metal standing seam of 2015 vintage. Exterior entrance doors are typically push plate auto operation metal in metal jambs using panic type hardware with electric access control. The windows are aluminum framed dual pane fixed units using electric shades.

INTERIORS:
Partition wall types include CMU and painted gypsum. Most ceilings are 2'x 2' T-bar type acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is carpet. Most other flooring is exposed concrete. Interior doors are generally solid wood in aluminum and metal jambs using lever type hardware. The restrooms have tile floors with both tiled walls with painted gypsum ceilings using plastic toilet partitions. The windows have electric operation shades.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Two exhaust fans provide ventilation in bathrooms are installed on the roof top.

ELECTRICAL:
The electrical system is fed using on site metering from a 15KV switch providing 12,000 volt to a 500 KVA transformer providing 800 amps of 480/277 volt 3 phase, 4 wire power to a 300 KVA transformer providing 120/208 volt, 3 phase, 4 wire power to the facility through a 1200 amp distribution board. The distribution board delivers power to the building subpanels. LCS monitored Lighting has been upgraded to T-8 and LED lighting fixtures using typical switches and outlets. Emergency lighting is present, Emergency exit signs are present using a rechargeable battery system. A night light circuit is present. The building has an inverter power source. The building uses an external Elevator, noted as building 12-C.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance/remodel needs using auto operation toilets with typical sinks. Copper piping is present with main and isolation valves of remodel vintage. Domestic hot water is supplied by a 119-gallon 8000-watt electric hot water heater, using an expansion tank and 1/6 HP circulation pump. Seismic straps are present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators. The system is activated by a flow switch, smoke detectors and pull stations and is centrally monitored by a GE-EST 3 panel reporting to security. The building has a fire sprinkler system. Fire extinguishers are present. Emergency phones are present. C02 detection is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

14 - 12C- ELEVATOR TOWER

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	700	**Additional Cost:**	$.00
Year Built:	2014	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$2,113,642.25
		FCI:	0.00

ELEVATOR TOWER 14 (12C)

Elevator Tower Building 14 (12C) is located at the Mt. San Antonio College in Walnut, California. The 1- story, 700 square foot building contains elevator. Originally constructed at this site in 2015 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade with footings, and foundation walls. The main structure is CMU with metal framed and pan deck with a stucco finish with dual pane fixed in fills. The roof is single ply of original construction. The service doors are metal in hollow metal jambs using panic type and lever hardware.

INTERIORS:
This building is an elevator tower the inside is the elevator cars.

MECHANICAL:
The cooling for the building is provided by one mini split system for the conditioning of the elevator mechanical equipment.

ELECTRICAL:
The electrical supply for the building is delivered to the building underground through rated conduits and conductors to a main distribution panel. The power is then distributed through conductors, conduit, and circuit protection devices to the power consuming devices.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. Fire extinguishers are present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

13 - 13- DESIGN TECHNOLOGY

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	62837	**Additional Cost:**	$.00
Year Built:	2012	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$26,833,965.23
		FCI:	0.00

DESING TECHNOLOGY 13

Design Technology Center Building 13, is located at the Mt. San Antonio College in Walnut, California. The 2- story, 62,837 square foot building contains classrooms, labs, and offices. Originally constructed in 2012 with no major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade with footings, and foundation walls. The main structure is CMU with metal framed and pan deck with a stucco finish with dual pane fixed in fills. The roof is single ply of original construction. Exterior entrance doors are push plate auto operation aluminum framed store front type units set in aluminum jambs using panic type hardware with electric access control. The service doors are metal in hollow metal jambs using panic type and lever hardware. The windows/infills in this building are aluminum framed dual pane fixed units.

INTERIORS:
Partition wall types include painted drywall with areas using metal framed single pane fixed wire and clear glass window walls. The ceilings are T-bar type acoustical tiles in metal grids with lighting and A/C vents and painted hard lids and exposed to metal frame and pan deck. Flooring in high traffic areas is concrete. Most other flooring is carpet. Interior doors are generally push plate auto operation solid wood in metal frames using panic and lever type hardware. The rest rooms have grab bars with tile floors with tile wainscot with a painted hard lid using solid surface toilet partitions. The building has an elevator and a wheelchair lift.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by two on site hot water gas fired boiler. The boilers are outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Two exhaust fans provide ventilation in bathrooms are installed on the roof top. Additional conditioning is provided by three mini split systems for dedicated 24x7 critical environmental conditioning.

ELECTRICAL:
The electrical system is fed from two 15.5 KV switches providing 12000 volts to a 1000 KVA transformer providing 800 amps of 480/277 volt power to a 225 and a 30 KVA pad mounted transformer providing 800- and 400-amps of 120/208 volt, 3 phase, 4 wire power to the facility through distribution boards. The distribution boards deliver power to the building subpanels. LCS (blue box) lighting has been upgraded to mostly T-5 lighting with T-8 and LED fixtures using a combination of motion sensors, switches, electric switching, dimmers and typical switches and outlets. Typical theater lighting is present. Emergency battery pack lights are present. Emergency battery pack exit signs are present. A night light circuit is present. The building has a noted emergency power source. Exterior lighting is LED.

PLUMBUING:
Plumbing fixtures are typical of original type with upgrades as needed for maintenance/use needs. The upgrades consist of 1.6 GPF toilets with 0.13 GPF urinals. Copper piping is present with common type main and isolation valves. Domestic hot water is supplied by a, 19.9 and 119 gal. electric hot water heaters outfitted with expansion tanks and circulation pumps.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. The system is activated by a flow switch, pull stations, smoke, heat detectors and is centrally monitored reporting to an offsite monitoring company. The building has a fire sprinkler system.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

199 - 16E- EQUITY CTR MODULAR

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	7670	**Additional Cost:**	$.00
Year Built:	2018	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$2,700,329.37
		FCI:	0.00

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DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

168 - 18A- MODULAR 18A

Facility Type:	Modular	**Estimate Cost :**	$30,158.81
Gross Area (SF):	2345	**Additional Cost:**	$17,293.23
Year Built:	2006	**Repair Cost:**	$47,452.04
Last Renovation:	2019	**Replacement Value:**	$772,170.25
		FCI:	6.15

MODULAR 18A 168

Modular 18A 168, is located at the Mt. San Antonio College in Walnut, California. The single story, 2,345 square foot building. Originally constructed/placed at this site in 2006 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on metal frame on piers. The main structure is wood framed with wood siding. This is a modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood in metal jambs using lever handles. The windows in this building are aluminum framed dual pane fixed and operational units.

INTERIORS:
Partition walls are typically vinyl covered wall board. Ceilings are typically T-bar type 2' x 4' suspended acoustical tile in metal grids with lighting and A/C vents. Flooring in high traffic areas is carpet and or VCT vinyl tiles. Interior doors are wood in metal frames using lever type hardware. There are no restrooms in this building. The building uses a synthetic wood ramp for access.

MECHANICAL/PLUMBING:
Heating and Cooling system is provided by Bard type exterior mounted Heat Pumps. The heating and cooling distribution system is a duct, supply and return duct system. There is no plumbing in this building.

ELECTRICAL:
The electrical system is fed from the underground campus substation to a 150 KVA transformer that delivers 120/208volt, 1 phase, 3 wire power to the facility through one, 60 Amp distribution board. The original distribution board delivers power to the buildings sub-panels. Lighting typically T-8 florescent using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE EST 3 panel. The system is activated by pull stations and is remotely monitored. The building does have fire extinguishers.

Hazmat.
Nothing noted from the 2021 assesment.

Report Generated: 06/10/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

169 - 18B- MODULAR 18B

Facility Type:	Modular	**Estimate Cost :**	$20,063.00
Gross Area (SF):	1560	**Additional Cost:**	$11,504.24
Year Built:	2006	**Repair Cost:**	$31,567.24
Last Renovation:	N/A	**Replacement Value:**	$513,682.55
		FCI:	6.15

MODULAR 18B 169

Modular 18B 169, is located at the Mt. San Antonio College in Walnut, California. The single story, 1,560 square foot building. Originally placed and or constructed at this site in 2006 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a metal frame on piers. The main structure is wood framed with wood siding. This is a modular type building. The roof is an original metal standing seam type. Exterior entrance doors are aluminum in aluminum jambs using lever handles. The windows in this building aluminum framed single pane fixed and operational units.

INTERIORS:
Partition walls are typically vinyl covered wall board. Ceilings are typically T-bar 2' x 4' suspended acoustical tile in metal grids. Flooring in traffic areas is carpet. Interior doors are wood in metal frames using lever handles. There are no restrooms in this building. The building uses a synthetic wood ramp for access.

MECHANICAL/PLUMBING:
Heating and Cooling system are provided by Bard type exterior mounted Heat Pumps. Thermostat is a programmable type. The heating and cooling distribution system is duct using ceiling supply with wall returns. There is no plumbing in this building.

ELECTRICAL:
The electrical system is fed from the underground campus substation to a 150 KVA transformer that delivers 120/208-volt, 1 phase, 3 wire power to the facility through one, 60 Amp distribution board. The original distribution board delivers power to the buildings sub-panels. Lighting is typically T-8 florescent using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators. The system is activated by pull stations and is remotely monitored. The building does have fire extinguishers.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

37 - 18C- TERC MODULAR

Facility Type:	Modular	**Estimate Cost :**	$.00
Gross Area (SF):	2518	**Additional Cost:**	$.00
Year Built:	2015	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$829,136.33
		FCI:	0.00

TERC MODULAR 37 (18C)

TERC Modular Building 37 (18C) is located at the Mt. San Antonio College in Walnut, California. The 1- story 2,518 square foot modular building contains classrooms. Originally constructed/placed here in 2015 with no major remodels to date 2021, A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The buildings rests on a metal frame on piers. The main structure is wood framed with wood siding modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood and or metal type in aluminum jambs using lever handles. The windows in this building are single pane aluminum framed fixed and operational units. The building has wood ramps for access.

INTERIORS:
Partition walls are typically vinyl covered wall board, wood paneling and or painted gypsum. Ceilings are typically 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is mostly carpet. There are no restrooms in this building.

MECHANICAL:
EMS Auto logic. Heating and Cooling is provided by Bard type Heat Pumps with ceiling supply's with wall returns. The heating and cooling distribution system is a duct supply and return system.

ELECTRICAL:
The mostly original electrical system is fed from an underground campus substation to a 112.5 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility using 200 Amp distribution panels. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are not present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE EST 3 panel reporting to security. The building does not have a fire sprinkler system but does have fire extinguishers. A security alarm is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

38 - 18D- MODULAR 18D

Facility Type:	Modular	**Estimate Cost :**	$.00
Gross Area (SF):	2518	**Additional Cost:**	$.00
Year Built:	2015	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$829,136.33
		FCI:	0.00

TERC MODULAR 38 (18D)

TERC Modular Building 38 (18D) is located at the Mt. San Antonio College in Walnut, California. The 1- story 2,518 square foot modular building contains classrooms. Originally constructed/placed here in 2015 with no major remodels to date 2021, A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The buildings rests on a metal frame on piers. The main structure is wood framed with wood siding modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood and or metal type in aluminum jambs using lever handles. The windows in this building are single pane aluminum framed fixed and operational units. The building has wood ramps for access.

INTERIORS:
Partition walls are typically vinyl covered wall board, wood paneling and or painted gypsum. Ceilings are typically 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is mostly carpet. There are no restrooms in this building.

MECHANICAL:
EMS Auto logic. Heating and Cooling is provided by Bard type Heat Pumps with ceiling supply's with wall returns. The heating and cooling distribution system is a duct supply and return system.

ELECTRICAL:
The mostly original electrical system is fed from an underground campus substation to a 112.5 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility using 200 Amp distribution panels. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are not present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE EST 3 panel reporting to security. The building does not have a fire sprinkler system but does have fire extinguishers. A security alarm is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

23 - 23- COLLEGE SERVICES

Facility Type:	Building	**Estimate Cost :**	$10,398.50
Gross Area (SF):	17500	**Additional Cost:**	$5,962.56
Year Built:	2003	**Repair Cost:**	$16,361.06
Last Renovation:	2015	**Replacement Value:**	$4,579,457.58
		FCI:	0.36

0023: The College Services Building, is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 17,500 square foot building that contains the Police and maintenance/construction offices. Originally constructed in 2003 with no major remodels to date, 2016. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade. The main structure is a full metal building with metal framing and siding and roof that was replaced in 2016. Exterior entrance doors are typically aluminum store front type set in aluminum jambs using access control hardware. The windows in this building are aluminum framed dual pane fixed units.

INTERIORS:
Partition wall types include painted gypsum with areas using metal framed wire glass window walls. The interior walls are typically painted. Most ceilings are T-bar type 2'x4' acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is VCT and carpet. Most other flooring is exposed concrete. Interior doors are generally wood in steel jambs using lever type handles. The rest rooms have grab bars with VCT and tile floors with paint gypsum walls with an FRP wainscot. Toilet partitions are vinyl type.

MECHANICAL/PLUMBING
EMS Heating/cooling is provided by six 1998 vintage pad mounted gas fired package units, one Trane model YCH102C4HBAB, 205,000 BTUs, three model YCH180B4LEBEA providing 250,000 BTUs, two YCHO75C4LBBE, providing 120,000 BTUs using R-22 Freon that appear original to construction. The heating and cooling distribution system is a multi-zone duct system using the factory-built pad mounted air handling units on zone reporting thermostats. Additional cooling is provided by a 2006 vintage Carrier split system, condenser model 38HDF018-301 using R-410 Freon. Fujitsu evaporator model ASU12RLF. Fresh air is supplied by infiltration, the air handling units and (1) one, roof top fans. The ceiling mounted exhaust fans are installed to provide ventilation in bathrooms and the rest of the building. Plumbing fixtures are of original type with upgrades as needed for maintenance needs. The upgrades consist of auto operation toilets. Copper piping is present with common main and isolation valves. Domestic hot water is supplied by an American standard 52-gallon electric hot water heater, using 1/6 HP circulation pump. Seismic straps are present.

ELECTRICAL:
The original electrical system is fed at 480/277 volts to (1) one, 150 KVA transformer that delivers 600 amps of 208/120 volt, 3 phase, 4 wire power to the facility through one, 600 and one 500 Amp distribution board. The distribution board delivers power to the building subpanels. Lighting is a combination of T-35 and T-8 lighting fixtures using a combination of motion sensors, switches and typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present and typically illuminated. Backup power is provided by a Diesel Caterpillar, parking lot generator using an Asco transfer switch.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of horns and strobe annunciators. The system is activated by pull stations, smoke detectors and is centrally monitored by a GE EST panel reporting off site. A security system appears to be present at Police station. The building does not have a fire sprinkler system but does have fire extinguishers in common places. The building has an AED device. The campus/building has emergency phones. An assistive listening system is present.

Hazmat.
None noted.

Deficiencies:
1 Replace damaged T-bar ceiling.
2 Replace exhaust fan.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

177 - 23A- DATA CENTER

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	7154	**Additional Cost:**	$.00
Year Built:	2008	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$3,414,544.78
		FCI:	0.00

DATA CENTER 177 (23A)

The Data Center Building 177 (23A) is located at the Mt. San Antonio College in Walnut, California. The single story 7,154, square foot building. Originally constructed in 2008 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, with CMU walls. The main structure is CMU concrete block exterior walls. Roof framing is metal truss with metal pan deck. Exterior main entry doors are typically store front type aluminum framed units set in aluminum jambs with panic type hardware. The service doors are hollow metal in hollow metal frames using lever type hardware. The windows in this building are dual pane aluminum framed.

INTERIORS:
Partition wall types include painted gypsum and metal framed single pane window walls. Most ceilings are 2'x2' type acoustical tiles in metal grids with lighting and A/C vents and open to metal framing and pandect. Flooring is a combination of Carpet and or ACT vinyl tiles. Most other flooring is exposed to concrete with areas using raised floors for cabling/ducting. Interior doors are generally wood in metal frames using lever hardware. There are some aluminum doors in aluminum jambs. The rest rooms have grab bars with tile floors with FRP walls and painted gypsum ceilings.

MECHANICAL:
Heating is provided by a Lochinvar 300,000 BTU gas fired boiler using a 3/4 HP 75.5 % EFF circulation pump. Cooling is provided by two York chillers, Model # YCAL0070E. The conditioned water it delivered to the building through a network of piping, control valves, and pumps to the Air handling unit. The Air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The roof mounted exhaust fans are installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed at 120 volts using a 1150 KVA transformer that delivers 480/277 volt, 3 phase, 4 wire power to a 75 KVA transformer that delivers 120/208 3-phase 4-wire power the facility through distribution panels. The distribution board delivers power to the buildings sub-panels. LCS lighting is T-8 and CFL lighting fixtures using a combination of motion sensors and switches and typical switches and outlets. Emergency lights are present. Emergency exit signs are present. The building has an emergency power source provided by battery's providing 120/208 3-phase 4-wire power and a Caterpillar backup generator using an auto transfer switch.

PLUMBING:
Plumbing fixtures are original type with upgrades as needed for maintenance needs. Copper piping is present with main and isolation valves. Domestic hot water is supplied by one 19 gallon electric hot water heater with a expansion tank. Seismic straps are present. Domestic water filtration is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE EST 3 panel with horns/annunciators and strobes. The system is activated by pull stations and smoke detectors and is centrally monitored. Fire extinguishers are present. A security alarm and video system were noted.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

26 - 24- ELECTRICAL ENCLOSURE

Facility Type:	Building	**Estimate Cost :**	$266,761.58
Gross Area (SF):	483	**Additional Cost:**	$152,962.56
Year Built:	1976	**Repair Cost:**	$419,724.14
Last Renovation:	N/A	**Replacement Value:**	$411,170.31
		FCI:	102.08

ELECTRICAL ENCLOSURE 26 (24)

Electrical Enclosure Building 26 (24) is located at the Mt. San Antonio College in Walnut, California. The 1-story, 483 square foot building contains electrical transformers for power distribution. Originally constructed at this site in 1976 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units. Exterior doors are metal chain link fencing.

INTERIORS:
Partition/interior walls are exposed to CMU. Flooring is concrete.

MECHANICAL/PLUMBING:
None.

ELECTRICAL:
Power is fed to the block house #22 from this building using a combination of transformers providing 12,000 volts to a combination of transformers and switches and to campus sub-stations.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

45 - 26A- HUMANITIES/SS NORTH

Facility Type:	Building	**Estimate Cost :**	$16,441,707.14
Gross Area (SF):	50687	**Additional Cost:**	$9,427,765.71
Year Built:	1967	**Repair Cost:**	$25,869,472.85
Last Renovation:	2018	**Replacement Value:**	$22,531,898.14
		FCI:	114.81

HUMANITIES 045 (26A)

Humanities North Building 045 (26A) is located at the Mt. San Antonio College in Walnut, California. The 3-story, 50,687 square foot building contains classrooms, and offices. Originally constructed in 1967 with a partial/cosmetic/use remodel in 2008 with no other major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, footings, and foundation walls and CMUs with metal framing. The main structure is cast-in-place concrete exterior walls with a red brick veneer. Roof framing is wood. The roof is rolled asphalt. Exterior entrance doors are mostly metal in hollow metal frames using lever and panic type hardware. The windows in fills are single pane fixed units that appear original to construction.

INTERIORS:
Partition wall types include painted plaster and or gypsum with areas exposed to red brick. Most ceilings are T-bar type acoustical and or punched metal tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is VCT vinyl tiles. Most other flooring is exposed concrete. Interior doors are generally solid wood in metal frames using lever type hardware. The rest rooms have grab bars with tile floors with a tile wainscot using the T-bar ceilings. The toilet partitions are metal.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Additional cooling is provided by a mini split system. Fresh air is supplied by the air handling units. The roof mounted Cook model Special TRF, H-K Porter exhaust fans Model # J2661A are installed to provide ventilation for bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed from one main 12KV that delivers 480/277, 120/208-volt, 3 phase, 4 wire power to the facility through a up graded 1200 Amp main switch. The distribution board delivers power to the buildings sub-panels. LCS lighting has T-8 and T-35 CFLs using an emergency management system for the lighting fixtures with motion sensors and typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance/use needs. The upgrades consist of waterless urinals and auto operation 1.6 GPF toilets. Copper piping is present with main and isolation valves that are mostly original with upgrades as needed for maintenance needs. Domestic hot water is supplied by one, 30 gallon American and two 30-gallon AO Smith electric hot water heater of 2006 vintage, per staff with earthquake straps. A Schindler elevator is present

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE EST 3 panel with strobes annunciators, and bells in all common places. The system is activated by pull stations, smoke, and heat detectors and is centrally monitored. A security system was not noted but there are campus emergency phones present. The building has a fire sprinkler system and fire extinguishers. The elevators have fire doors.

Hazmat.
Due to the age and construction standards at that time there is the possibility of known hazardous materials.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

47 - 26B- HUMANITIES/SS EAST

Facility Type:	Building	**Estimate Cost :**	$7,763,968.28
Gross Area (SF):	23935	**Additional Cost:**	$4,451,902.31
Year Built:	1967	**Repair Cost:**	$12,215,870.59
Last Renovation:	2018	**Replacement Value:**	$10,639,828.40
		FCI:	114.81

HUMANITIES 47 (26B)

Humanities Building 47 (26B), is located at the Mt. San Antonio College in Walnut, California. The 3-story, 23,935 square foot building contains classrooms, and offices. Originally constructed in 1967 there has a remodel renovation, 2007/8 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using footings and foundation with metal framing. The main structure is a cast-in-place concrete exterior wall with a red brick veneer. Roof framing is wood. The roof rolled asphalt. Exterior entrance doors are typically aluminum store front type, and the service doors are hollow metal in hollow metal frames using levers and panic type hardware. There are fixed windows in this building of both single and dual pane units. Next to this building is a clock tower and an abandoned central plant that houses a water-cooling tower and a water chiller.

INTERIORS:
Partition wall types include painted plaster, gypsum, and red brick veneers. Most ceilings are T-bar acoustical tiles and or painted hard lids. Flooring in high traffic areas is carpet. Interior doors are both solid wood and metal in metal frames using lever and panic type hardware. There are no restrooms in this building.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The mostly original electrical system is fed from another building that delivers 480/277 and 120/208-volt, 3 phase, 4 wire power to the facility through a 600 Amp main switch. The distribution board delivers power to the buildings sub-panels. Lighting is T-8 for the lighting fixtures using an energy management system. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance/use needs. The upgrades consist of waterless urinals and auto operation 1.6 GPF toilets. Copper piping is mostly original and present with main and isolation valves that are original to construction. Domestic hot water is supplied by three, electric hot water heaters.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE EST 3 panel with strobes and annunciators in all common places. The system is activated by pull stations, smoke, and heat detectors and is centrally monitored. A security system is not present but there are campus emergency phones. The building does have a fire sprinkler system and fire extinguishers. The building shares an elevator.

Hazmat.
Due to the age and construction standards at that time there is the possibility of known hazardous materials.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

118 - 26C- PLANETARIUM

Facility Type:	Building	**Estimate Cost :**	$1,440,379.30
Gross Area (SF):	3704	**Additional Cost:**	$825,921.44
Year Built:	1967	**Repair Cost:**	$2,266,300.74
Last Renovation:	2009	**Replacement Value:**	$1,966,747.12
		FCI:	115.23

PLANETARIUM 118 (26C)
Planetarium Building 118 (26C) is part of the four-building 26 Humanities Complex located at the Mt. San Antonio College in Walnut, California. The single story 3,704 square foot building with a partial second floor contains planetarium and office. Originally constructed in 1967 there have been no additions or major renovations to date 2021.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using footings, and foundation walls that are original to construction. The main structure is a cast-in-place concrete with CMUs exterior walls with a red brick veneer. The roof is metal framed and pan deck. The roof is asphalt that is original to construction. Exterior main entries are push plate auto operation aluminum doors in aluminum jambs using panic type hardware with electric access control.

INTERIORS:
Partition wall types include CMUs and or drywall. The interiors/exterior walls are typically painted. Most ceilings are punched metal in the dome area and T-bar acoustic in others. Flooring in high traffic areas is VCT. Most other flooring is exposed concrete and or carpet. Interior doors are generally wood in metal jambs using lever hardware. The rest rooms have grab bars with tile floors with a tile wainscot using a painted hard lid.

MECHANICAL
The heating and cooling for the building is a hydronic system. The chilled and heated water is provided to the building through pipes, pumps, and control valves sourced from central plant. The cooled and heated water is delivered to the Mulit-Zone Air Handler. The conditioned air is delivered through a network of sheet metal ducting to each zone. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed from one 300 KVA transformer installed and delivers 208/120-volt, 3 phase, 4 wire power to the facility through one 600 Amp distribution board. The distribution board delivers power to the buildings sub-panels. Lighting is CFLs and T-8 lighting fixtures using a LCS with typical switches and outlets. Emergency battery pack lights are present.

PLUMBING:
Plumbing fixtures are of original type with upgrades as needed for maintenance needs, 1.6 GPF toilets. Copper piping is present and mostly original with main and isolation valves. Domestic hot water is supplied by one 28-gallon American electric hot water heater.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a 2002 upgrade GE EST panel with horns/annunciators and strobes. The system is activated by pull stations and is centrally monitored. The building does have a fire sprinkler system and fire extinguishers. The building has an assistive listening system.

Hazmat.
Due to vintage of construction and construction practices there is the potential for hazardous materials being present in the building.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

46 - 26D- HUMANITIES/SS SOUTH

Facility Type:	Building	**Estimate Cost :**	$21,465,661.21
Gross Area (SF):	66175	**Additional Cost:**	$12,308,528.73
Year Built:	1967	**Repair Cost:**	$33,774,189.94
Last Renovation:	2018	**Replacement Value:**	$29,416,780.62
		FCI:	114.81

HUMANITIES 46 (26D)

Humanities Building 46 (26D) is located at the Mt. San Antonio College in Walnut, California. The 1-story, 66,175 square foot building contains classrooms, and offices. Originally constructed in 1967 there has been a cosmetic remodel renovation in 2007/8 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using footings and foundation. The main structure is a cast-in-place concrete exterior wall with a red brick veneer. Roof framing is wood. The roof is clay tiles and rolled asphalt. Exterior entrance doors are typically aluminum store front type, and the service doors are hollow metal in hollow metal frames using lever and panic type hardware. There are fixed windows in this building of both single panes, and dual pane units. The building is cast in place with open roof and cast in place concrete roof with an asphalt cover.

INTERIORS:
Partition wall types include painted plaster and or gypsum with CMUs. Most ceilings are 2' x 4' and 2' x 2' T-bar type acoustical and metal tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is VCT vinyl tiles. Most other flooring is exposed concrete. Interior doors are generally solid wood in metal frames using lever type hardware. The rest rooms have grab bars with concrete and tile floors with FRP and or tile wainscot using the T-bar ceilings. The toilet partitions are metal. The hallways have punched metal ceilings.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The mostly original electrical system is fed from substation 19 (12 KV,200 amps) to (1) one, 1500 KVA transformer that delivers 480/277 volts to a combination of 150, 112.5 and 75 KVA transformers that deliver 208/120-volt, 3 phase, 4 wire power to the facility through a 1200 Amp main switch. The distribution board delivers power to the buildings sub-panels. LCS lighting is T-8 lighting using an energy management system with motion sensors and typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present. The building has a backup power supply generator by Kohler It is powered by natural gas supplying 120/208 power.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance/use needs. The upgrades consist of waterless urinals and auto operation 1.6 GPF toilets. Copper piping is mostly original and present with main and isolation valves that are original to construction. Domestic hot water is supplied by three, electric hot water heaters, One Proline 80-gallon unit, One 50-gallon American unit and One 50-gallon Bradford white with earthquake straps.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE EST 3 panel with strobes and annunciators in all common places. The system is activated by pull stations, smoke, and heat detectors and is centrally monitored. A security system is not present but there are campus emergency phones present. The building does have a fire sprinkler system and fire extinguishers. The building has a four-stop elevator of hydraulic operation with fire curtains.

Hazmat.
Due to the age and construction standards at that time there is the possibility of known hazardous materials.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

27 - 27A- EXERCISE SCI/WELLNESS CTR

Facility Type:	Building	**Estimate Cost :**	$1,033,962.40
Gross Area (SF):	20116	**Additional Cost:**	$592,879.75
Year Built:	1962	**Repair Cost:**	$1,626,842.15
Last Renovation:	1990	**Replacement Value:**	$10,972,988.16
		FCI:	14.83

EXERCISE SCIENCE WELLNESS CENTER 27 (27A)

Exercise Science Wellness Center Building 27 (27A) is located at the Mt. San Antonio College in Walnut, California. The two story, 20,116 square foot buildings contain offices, and the wellness center. The building is built on two levels, taking advantage of the hillside, however the two levels are not stacked and are not internally connected. Originally constructed in 1962 the south half of the lower locker room level was added onto in 1973. The Wellness Center was renovated in approximately 1990, and men's locker rooms were renovated into classrooms in 1998 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, footings, and foundations walls. The main structure is cast-in-place concrete. The lower level is brick exterior walls. There is a stucco accent band/fascia at the top of the lower level of building. The roof is a combination of asphalt with reflective aluminum coating and 100 Mill single ply. The building was re-roofed in 1987 and 1990. Exterior doors are typically push plate auto operation aluminum framed store front type and set-in aluminum jambs using pull handles and panic type hardware. The service doors are metal in hollow metal frames using push plate auto operation with panic type hardware. Windows are steel framed, single pane fixed and operational units of original vintage.

INTERIORS:
Partition wall types include concrete block, brick, and painted gypsum board. Most ceilings are lath and plaster, 2'x 2' and 2'x 4' T-bar type acoustical tile in metal grids with lighting and A/C vents and or cast in place concrete. Flooring in high traffic areas is carpet, VCT, sheet vinyl, and wood. Other flooring is concrete. Interior doors are generally solid wood in metal steel frames using lever and panic type hardware. The rest rooms have grab bars with tile floors with full/tile wainscot. The toilet partitions are metal. Commercial washers and dryers are present.

MECHANICAL:
Heating and Cooling are provided by eight Carrier roof top gas fired constant volume packaged units. The heating and cooling distribution system is a duct supply and return system. The roof and wall mounted exhaust fans are installed to provide ventilation for bathrooms/electric room and the rest of the building. The mechanical systems are controlled and monitored by a Building Automation System (BAS).

ELECTRICAL:
The electrical system is fed from substation 11 to (1) one, 300 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility through (1) one, 400 Amp distribution board. The distribution board delivers power to the buildings sub-panels. Lighting has been upgraded to T-8 lighting fixtures using magnetic contractors with typical switches and outlets. Emergency battery pack lights are present and emergency battery pack exit signs are present and typically illuminated. A night light circuit is not present.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance using the buildings copper piping with main and isolation valves are original and maintained functional. Domestic hot water is supplied by (1) one, American standard 199,000 BTUH gas fired water heater model D100-199-AS. Using a 500-gallon storage tank and two 1/6 HP circulation pumps located in building 27-A. One 100-gallon gas hot water heater installed in 1999. Seismic straps are present. A water filtration system is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators with bells. The system is activated by a flow switch, pull stations and heat and smoke detectors in the duct work and ceilings, and is centrally monitored by a 4009-panel reporting off site. A security system is not present. The building does have a limited fire sprinkler system on lower level and storage areas. The building has an automatic defibrillator.

Hazmat.
Due to the age and construction standards at that time there is the possibility of known hazardous materials.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

119 - 27B- POOL BUILDING

Facility Type:	Building	**Estimate Cost :**	$1,999,806.00
Gross Area (SF):	3000	**Additional Cost:**	$1,146,699.80
Year Built:	1970	**Repair Cost:**	$3,146,505.80
Last Renovation:	N/A	**Replacement Value:**	$2,129,077.13
		FCI:	147.79

POOL BUILDING 119 (27B)

Pool Building 119 (27B), is located at the Mt. San Antonio College in Walnut, California. The single story, 3,000 square foot building contains offices, pool equipment, and storage space. Originally constructed in 1970, there have been no additions and no major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade with footings and foundation walls. The main structure is CMU brick exterior walls. There is a stucco accent band/fascia at the top of the building. An aluminum screen disguises rooftop mounted equipment. The roof is a rolled asphalt system. Exterior doors are typically metal doors in hollow metal frames using lever type hardware. Windows are single pane wire glass metal framed fixed and operational units.

INTERIORS:
Partition wall types include concrete CMU block and painted plaster. Most ceilings are plaster and or 12"x12" glue on acoustical tiles. Flooring in high traffic areas is sheet vinyl and tile. Other flooring is concrete. Interior doors are generally solid wood in metal frames using knob hardware.

MECHANICAL:
EMS monitored building and the pool heating is provided by two, Ray pack 1.99 million BTUH gas fired boilers using two 7.5 HP 85% EFF circulation pumps, one 3HP, one 40 HP and one 1 HP circulation pumps. The building has no cooling other than window type A/C units. The heating distribution system is through two, factory-built ceiling mounted fan coil units equipped with a hot water coil fed from the boiler. The roof mounted exhaust fans are installed to provide ventilation for bathrooms and the rest of the building.

ELECTRICAL:
The electrical system delivers 400 amps of 480/277 volt, 3 phase, 4 wire power to the facility through one, 400 Amp distribution board delivering power to a 75 KVA transformer that provided 120/208 volt 3-phase 4-wire to local distribution. The distribution board delivers power to the building subpanels. Lighting is typically T-8 florescent using motion sensors and typical switches and outlets. Emergency battery pack lights are present.

PLUMBING:
Plumbing fixtures are of original type with upgrades as needed for maintenance needs. Domestic copper piping is present with main and isolation valves that are mostly original to construction. Domestic hot water is supplied by a 40-gallon 40,000 BTU gas fired water heater, model U440T6FRN. Eight fiberglass pool filters are present. Sump pumps are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of bells. The system is activated by pull stations and is now centrally monitored. The building does have fire extinguishers. The building has an AED.

Hazmat.
Due to vintage of construction and construction practices there is the potential for hazardous materials being present in the building.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

28 - 27C- PE CENTER

Facility Type:	Building	**Estimate Cost :**	$29,458,274.51
Gross Area (SF):	17337	**Additional Cost:**	$16,891,537.40
Year Built:	1960	**Repair Cost:**	$46,349,811.91
Last Renovation:	N/A	**Replacement Value:**	$10,565,072.16
		FCI:	438.71

PE CENTER 28 (27C)

PE Center Building No. 27C, is located at the Mt. San Antonio College in Walnut, California. The 1- story, 17,337 square foot building contains offices, locker rooms, and a large gym at the upper level. The building is built on two levels, taking advantage of the hillside, however the two levels are only stacked at a small portion and are not internally connected. Originally constructed in 1960, the south half of the lower locker room level was added onto in 1971 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, footings, and foundations walls that are original to construction. The main structure is cast-in-place concrete and or CMUs. The lower level has brick exterior walls. There is a stuccoes accent fascia at the top of the lower level of the building. The roof is a built-up asphalt type. Exterior doors are a combination of wood and or metal in hollow metal frames using panic and or lever hardware. Windows are mechanical operational steel framed, single paned units.

INTERIORS:
Partition wall types include, painted brick, plaster and or exposed to concrete. Most ceilings are 12"x12" glue on acoustical tiles and or plaster. Flooring in high traffic areas (like locker rooms) is mostly concrete. Other flooring is carpet, VCT, and athletic mat. Interior doors are generally solid wood in wood frames using knob type hardware. The rest rooms have sheet vinyl and tile floors and wainscots. The building has both men's and women's showers and lockers and gym area.

MECHANICAL:
Heating is provided by Reznor ceiling hung gas fired furnaces in the locker rooms. The offices are conditioned with widow style air conditioning units. The wrestling areas are services by three roof top gas electric constant volume package units. The locker rooms are also outfitted with evaporative cooling units. Roof top exhaust fans are present for proper ventilation of the restrooms and locker rooms. The mechanical systems are controlled and monitored by a Building Automation System (BAS).

ELECTRICAL:
The electrical system is fed at 12,000 volts from substation 24 to a 225 and 112.5 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility through one, 600 Amp distribution board. The distribution board delivers power to the buildings sub-panels. Lighting is high pressure sodium and T-8 lighting fixtures using typical switches and outlets. A few incandescent are present. Metal halide lighting is present. Emergency battery pack lights are present. Emergency exit signs are present. A night light circuit was not noted.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance needs using the buildings copper piping with main and isolation valves that are original to construction. Domestic hot water is supplied by the Raypack boiler installed in Bldg. 27B. In the lower level the building has a sump pump.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE EST 3 panel with bells and strobes. The system is activated by pull stations and is centrally monitored. The building does have a limited fire sprinkler system in storage areas.

Hazmat.
Due to the age and construction standards at that time there is the possibility of known hazardous materials.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

29 - 27D- POOL PRESS BOX

Facility Type:	Building	**Estimate Cost :**	$107,555.94
Gross Area (SF):	150	**Additional Cost:**	$61,673.12
Year Built:	1970	**Repair Cost:**	$169,229.06
Last Renovation:	N/A	**Replacement Value:**	$36,874.08
		FCI:	458.94

POOL PRESS BOX 29 (27D)

Pool Press Box Building 29 (27D) is located at the Mt. San Antonio Community College in Walnut CA. The one-story building in the spaced used for the pool swimming competition scoring and officiating. The space is 150 square feet in size and was constructed is 1970. There have not been and remodels or renovations tot eh space as of the assessment of 2021.

STRUCTURAL/EXTERIOR CLOSURE:
The building is a concrete formed building into the side of the earth. The main structure is steel and concrete reinforced with a metal in metal door, single pane windows and a concrete floor.

INTERIOR:
The interior finishes are raw and exposed to framing.

MECHANICAL:
The space is conditioned by a window type air conditioning unit.

ELECTRICAL:
The electrical services provided to the space are sourced from the building next door and has 110V service outlets.

PLUMBING:
This building is not equipped with plumbing options.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
Nothing present.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

65 - 28A- TECHNOLOGY CENTER A

Facility Type:	Building	**Estimate Cost :**	$16,414,482.54
Gross Area (SF):	47400	**Additional Cost:**	$9,412,154.99
Year Built:	1971	**Repair Cost:**	$25,826,637.53
Last Renovation:	1991	**Replacement Value:**	$23,250,932.15
		FCI:	111.08

TECHNOLOGY CENTER A 65 (28A)

Technology Center A Building 65 (28A) is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 47,400 square foot building contains offices, classrooms, and shop space for aircraft maintenance training. There are some mezzanine level labs overlooking the high-bay shop. Originally constructed in 1971 with a cosmetic remodel in 1991 with no noted major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-below-grade with footings, and foundations walls that are original to construction. The main structure is cast-in-place, tilt up construction using CMUs. Exterior walls are exposed aggregate concrete. The west office/lecture hall area has brick exterior walls. The high bay roof framing is structural steel and pan deck. The roof is rolled asphalt of unknown age. Exterior doors are typically auto operation aluminum framed store front type set in aluminum jambs using panic type hardware. The service doors are hollow metal in hollow metal frames using lever and panic type hardware. The east end of the shop has oversized roll-up doors. Windows and window walls are aluminum framed, single paned fixed and operational units.

INTERIORS:
Partition wall types include painted plaster, CMUs. The ceilings are a combination of 2'x 4' T-bar type acoustical tiles in metal grids with lighting and A/C vents. Other ceilings are 12"x12" glue on acoustical tile and exposed to metal frame with fiberglass panels. Flooring in high traffic areas is concrete. Other flooring is VCT vinyl tile and or carpet. Interior doors are a combination of solid wood in wood and metal in metal jambs using knob type hardware. The rest rooms have grab bars with tile floors with full height tile walls with metal toilet partitions.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The mostly original electrical system is fed from (1) one, 1,000 KVA transformer that delivers 480/277-volt, 3 phase, 4 wire power, installed in 2002 to the facility through (1) one, 2,000 Amp distribution board and (1) one 1,500 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power, installed in 1971 to the facility through (1) one, 3,000 Amp distribution board located in substation 5. The distribution boards deliver power to the building subpanels. LCS lighting is T-8 lighting fixtures using typical switches and outlets. A few incandescent are present. Emergency battery lights are present. Emergency exit signs are present and typically illuminated. A night light circuit is present throughout the facility. The building has emergency power fed from Bldg. 28B. The building does not have an Elevator.

PLUMBING:
Plumbing fixtures are typically original type with upgrades as needed for maintenance needs using copper piping with main and isolation valves that are mostly original. The upgrades consist of waterless urinals. Domestic hot water is supplied by a 30-gallon electric hot water heater using a 1/6 HP circulation pump. Seismic straps are present. Eye wash station is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. The system was upgraded in 2000. The system is activated by a flow switch, pull stations and/or smoke detectors and is centrally monitored by an Edward's panel reporting to security. A security alarm system is not present. The building does have a fire sprinkler system. Fire extinguishers are present. The building has a backup power system. The campus has emergency phones around the campus.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

66 - 28B- TECHNOLOGY CENTER B

Facility Type:	Building	**Estimate Cost :**	$52,382,376.52
Gross Area (SF):	80743	**Additional Cost:**	$30,036,344.12
Year Built:	1971	**Repair Cost:**	$82,418,720.64
Last Renovation:	2006	**Replacement Value:**	$35,892,695.40
		FCI:	229.63

TECHNOLOGY CENTER B 66 (28B)

Technology Center B Building 66 (28B), is located at the Mt. San Antonio College in Walnut, California. The 4 - story plus a basement, 80,743 square foot building contains offices, classrooms, and labs. Originally constructed in 1971 with a cosmetic remodel in 1973 with no other major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using footings and foundations walls. The main structure is cast-in-place concrete with CMU walls. Exterior walls are red brick and concrete. The roof is rolled asphalt. Exterior doors are typically aluminum doors set in aluminum jambs using dead bolts and panic type hardware. Service doors are wood in wood jambs using knob type hardware. Windows are aluminum framed, single pane units.

INTERIORS:
Partition wall types are primarily painted plaster. The interiors of exterior walls are generally painted brick. The interior wall finishes are generally of original type. Most ceilings in finished spaces are 2' x 4' T-bar type acoustic type in metal grids with lighting and A/C vents and or 12"x12" glue on acoustical tile. Flooring in high traffic areas is vinyl tile. Other flooring is carpet and or concrete. Interior doors are generally solid wood in wood or hollow metal frames using panic and knob hardware. The rest rooms have grab bars with tile floors with tile walls using the 12"x12" glue on type acoustic ceilings. Toilet partitions are metal.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed from a 15 KV oil switch providing 12000 volts from Sub-Station 5 to a 2000 KVA transformer that delivers 480/277-volt, 3 phase, 4 wire power, installed in 2002, to a 1000 KVA transformer that delivers 120/208 volt, 3 phase, 4 wire power, installed in 2001 to the facility through a 2500 amp distribution board. The distribution boards deliver power to the buildings sub-panels. LCS lighting is T-8 lighting fixtures using motion sensors and typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present and typically illuminated. A night light circuit is present throughout the facility. The building has (1) one, 60 KV emergency power source. The building has one Elevator.

PLUMBING:
Plumbing fixtures are typically porcelain type with upgrades as needed for maintenance needs using copper piping with main and isolation valves that are mostly original to construction. The upgrades consist of water less urinals. Domestic hot water is supplied by one 50-gallon 4500-watt electric hot water heater using a 1/6 HP circulation pump.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of an Edward's panel and horns and strobes annunciators and the system was upgraded in 2000. The system is activated by pull stations and/or smoke detectors and is centrally monitored. A security system is present. The building does have a fire sprinkler system.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

24 - 29- CENTRAL PLANT

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	4788	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	2017	**Replacement Value:**	$14,457,312.99
		FCI:	0.00

CENTERAL PLANT 24 (29)

Central Plant Building 24 (29) is located at the Mt. San Antonio College in Walnut, California. The 1 - story 4,788square foot building contains mechanical equipment, and offices. Originally constructed in 2004 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on slab-on-grade, with CMU concrete walls, and footings. The main structure is CMU concrete block exterior walls using metal frame and pan deck. The roof is rolled asphalt of original vintage. Exterior doors are typically hollow metal in hollow metal frames using lever type hardware. There is one window located in the office.

INTERIORS:
Partition wall types include CMU. The interiors of exterior walls are typically CMU. Most ceilings are exposed to metal frame and pan deck with areas using T-bar type acoustical tiles in metal grids with lighting and A/C vents some areas using painted gypsum. Flooring in high traffic areas use VCT vinyl tiles. Most other flooring is exposed concrete. Interior doors are generally metal in metal jambs, using lever type hardware. The restrooms have VCT floors with an FRP wainscot.

MECHANICAL
The plant houses the chillers and boilers providing the heating and cooling sources for most of the buildings on campus. The chillers and boilers are outfitted with the required piping, pumps, and control valves to distribute the conditioned water through the campus. The mechanical systems are all being controlled and monitored by a Building Automation System (BAS). There is a mini split system present for the conditioning of the plane office space. Plumbing fixtures are typically of original type using 1.6 GPF toilets with upgrades as needed for maintenance needs. Copper piping is present with main and isolation valves. Domestic hot water is supplied by an Instant hot, Chronomite, model SR-30L-120. Eye wash safety station is present.

ELECTRICAL:
The electrical system is fed using a local meter providing 4000 amps of 480/277 volt power to a 2000 amps of 480/277 volt switch providing power to the building and a 15 and 150 KVA transformer that delivers 400 amps 208/120-volt, 3 phase, 4 wire power to the facility through distribution boards. The distribution board delivers power to the building subpanels. The MCC is 480 volts at 600 amps. Additional heating and electrical power are provided by two Caterpillar co-gen diesel plants. LCS lighting is mostly T-8 lighting fixtures using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm and refrigerant discharged notification system consists of audible and strobe annunciators in common places. The system is activated by pull stations, sensors and is centrally monitored by a GE-EST panel reporting off site. Fire extinguishers are present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

25 - 29B- CENTRAL PLANT MODULAR

Facility Type:	Modular	**Estimate Cost :**	$.00
Gross Area (SF):	534	**Additional Cost:**	$.00
Year Built:	2014	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$175,837.49
		FCI:	0.00

CENTERAL PLANT OFFICE 25 (29B)

Central Plant Office Building 25 29B, is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 534 square foot building contains offices. Originally constructed/placed in 2014 there have been no additions or major renovations to date, 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replace of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The modular building rests on metal frame on jack stands on a concrete slab. The main structure is wood framed with wood siding. Roof framing is wood. The roof is metal and is original to construction. The building has not been re-roofed. Exterior entry door is wood in an aluminum jamb using lever type hardware. The windows in this building are aluminum framed single pane fixed and operational units.

INTERIORS:
Partition wall types include wood paneling over wood frame. Ceilings are T-bar metal grids with acoustical type tiles with lighting and A/C vents. Flooring in high traffic areas is VCT over a wood sub floor. Interior doors are generally wood in metal frames using lever type hardware.

MECHANICAL/PLUMBING
Heating/cooling are provided by a wall mounted Bard type heat pump, with ceiling supply's with wall returns. This building has no rest rooms or plumbing.

ELECTRICAL:
The electrical system is fed from overhead that delivers 208/120 volt, 1-phase, 3-wire power to the facility's 100-amp panel. Lighting is T-8 lighting fluorescent using typical switches and outlets. Emergency battery pack lights are not present. Emergency exit signs are present and not illuminated.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
There is no fire alarm system. The building does have fire extinguishers.

Hazmat:
Nothing noted from the 2021 assessment.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

30 - 30- ADULT BASIC ED. CTR. MOD.

Facility Type:	Modular	**Estimate Cost :**	$9,471,177.22
Gross Area (SF):	8101	**Additional Cost:**	$5,430,825.36
Year Built:	1993	**Repair Cost:**	$14,902,002.58
Last Renovation:	N/A	**Replacement Value:**	$2,667,527.16
		FCI:	558.64

ADULT BASIC EDUCATION CENTER MOD. 30

Adult Basic Community Education Building 30, is located at the Mt. San Antonio College in Walnut, California. The two 1 - story, buildings total 8,101 square foot building contains classrooms, labs, and offices. Originally constructed in 1993 there have been no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The structure is a metal frame with stucco exterior walls. Roof framing is wood. The other is a concrete slab on grade using metal and or wood framing. The roofing for the building is EPDM. Exterior entrance doors are typically hollow metal in metal frames using lever and panic type hardware. The windows are aluminum framed single pane units that are original to construction. The building has a metal mansard around the top.

INTERIORS:
Partition wall types include vinyl covered and or painted gypsum. Most ceilings are 2'x 4' T-bar type acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is VCT vinyl tile well other flooring is carpet. Interior doors are generally solid wood in metal frames using lever type hardware. The rest rooms have grab bars with sheet vinyl floors and FRP wainscot with painted gypsum ceilings. The rest rooms have solid surface plastic resin panels.

MECHANICAL:
Heating and cooling are provided by 9 roof top packaged constant volume heat pumps. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building. The mechanical systems are controlled and monitored by a Building Automation System (BAS).

ELECTRICAL:
The electrical system is fed at 480 volts to a 100 KVA transformer that delivers 120/240 volt 1-phase, 3-wire power to the facility's through distribution boards. The distribution board delivers power to the buildings sub-panels. Lighting is mostly T-8 and LED lighting fixtures using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

PLUMBING:
Plumbing fixtures are porcelain type with manual operation toilets and sinks with upgrades as needed for maintenance needs. Copper piping is present with main and isolation valves. Domestic hot water is supplied by an electric 5-gallon water heater and a five inline on demand type in the rest room, Instant-Flow units model SR-20L/208.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators. The system is activated by pull stations and is centrally monitored by a FCI panel reporting to security.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

172 - 31A- CONT. ED. ESL MODULAR

Facility Type:	Modular	**Estimate Cost :**	$36,679.29
Gross Area (SF):	2852	**Additional Cost:**	$21,032.10
Year Built:	2007	**Repair Cost:**	$57,711.39
Last Renovation:	N/A	**Replacement Value:**	$939,117.08
		FCI:	6.15

CONTINUING EDUCATION ESL MODULAR 172 (31A)

Cont. ED. ESL Modular 172 (31A) is located at the Mt. San Antonio College in Walnut, California. The single story 2,852 square foot building. Originally constructed and or placed at this site in 2007 with no remodels to date2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on metal frame on piers. The main structure is wood framed with wood siding. This is a modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood in metal jambs using lever handles. The windows in this building are aluminum framed single pane fixed and operational units. The building uses a wood ramp for access.

INTERIORS:
Partition walls are typically vinyl covered wall board. Ceilings are typically T-bar 2' x 4' suspended acoustical tile in metal grids with lighting and A/C vents. Flooring in high traffic areas is carpet and VCT vinyl tiles. Interior doors are wood in metal frames using lever handles. There are no restrooms in this building.

MECHANICAL/PLUMBING:
Heating and Cooling system are provided by Bard type exterior mounted Heat Pumps. The heating and cooling distribution system is a duct, supply, wall return system. There is no plumbing in this building.

ELECTRICAL:
The electrical system is fed from the underground campus substation to a 150 KVA transformer that delivers 120/208-volt, 1 phase, 3 wire power to the facility through one, 100-amp distribution board. The original distribution board delivers power to the buildings sub-panels. Lighting typically T-8 florescent using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE-EST panel reporting to security. The building does have fire extinguishers.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

173 - 31B- CONT. ED. ESL MODULAR

Facility Type:	Modular	**Estimate Cost :**	$36,679.29
Gross Area (SF):	2852	**Additional Cost:**	$21,032.10
Year Built:	2007	**Repair Cost:**	$57,711.39
Last Renovation:	N/A	**Replacement Value:**	$939,117.08
		FCI:	6.15

Cont. ED. ESL Modular 173 (31B) is located at the Mt. San Antonio College in Walnut, California. The single story 2,852 square foot building. Originally constructed and or placed at this site in 2007 with no remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on metal frame on piers. The main structure is wood framed with wood siding. This is a modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood in metal jambs using lever handles. The windows in this building are aluminum framed single pane fixed and operational units. The building uses a wood ramp for access.

INTERIORS:
Partition walls are typically vinyl covered wall board. Ceilings are typically T-bar 2' x 4' suspended acoustical tile in metal grids with lighting and A/C vents. Flooring in high traffic areas is carpet and VCT vinyl tiles. Interior doors are wood in metal frames using lever handles. There are no restrooms in this building.

MECHANICAL/PLUMBING:
Heating and Cooling system are provided by Bard type exterior mounted Heat Pumps. The heating and cooling distribution system is a duct, supply, wall return system. There is no plumbing in this building.

ELECTRICAL:
The electrical system is fed from the underground campus substation to a 150 KVA transformer that delivers 120/208-volt, 1 phase, 3 wire power to the facility through one, 100-amp distribution board. The original distribution board delivers power to the buildings sub-panels. Lighting typically T-8 florescent using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE-EST panel reporting to security. The building does have fire extinguishers.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

171 - 31C- TOILET ROOM MODULAR

Facility Type:	Modular	**Estimate Cost :**	$7,222.27
Gross Area (SF):	504	**Additional Cost:**	$4,141.29
Year Built:	2007	**Repair Cost:**	$11,363.56
Last Renovation:	N/A	**Replacement Value:**	$252,006.01
		FCI:	4.51

TOILET ROOM MODULAR 171 (31C)

Toilet Room Modular 171 (31C), is located at the Mt. San Antonio College in Walnut, California. Originally placed and or constructed at this site in 2007 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a metal frame on piers. The main structure is wood framed, sided modular type building. The roof appears to be metal standing seam. Exterior entrance doors are metal in aluminum jambs using lever type hardware. There are no windows in this building.

INTERIORS:
Partition walls are typically FRP vinyl covered wall board. Ceilings are typically T-bar 2' x 4' suspended acoustical tile in metal grids with lighting and A/C vents. Flooring is VCT. The rest rooms have grab bars. Toilet partitions are metal.

MECHANICAL/PLUMBING
Heating and Cooling are provided by a Bard type Heat Pump. The heating and cooling distribution system is a duct system using ceiling supply and wall returns. The plumbing in this building is of original type, typical manual flush type toilets, sinks and urinals with upgrades as needed for maintenance needs.

ELECTRICAL:
The electrical system is fed from the underground campus substation to a transformer that delivers 120/208-volt, 1 phase, 3 wire power to the facility through one, 100-amp distribution board. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Exterior lighting is CFL.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations, smoke detectors and is centrally monitored by a GE EST 3 panel. The building does have fire extinguishers.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

32 - 32- CONT. ED. ESL MODULAR

Facility Type:	Modular	**Estimate Cost :**	$905,106.44
Gross Area (SF):	2852	**Additional Cost:**	$518,993.01
Year Built:	1997	**Repair Cost:**	$1,424,099.45
Last Renovation:	N/A	**Replacement Value:**	$939,117.08
		FCI:	151.64

CONT. ED. ESL MODULAR 32

The Cont. ED ESL Modular Building 32 is located at the Mt. San Antonio College in Walnut, California. The 1- story 2,852 square foot modular building contains classrooms. Originally constructed/placed here in 1997 with no major remodels to date 2016, A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The buildings rests on a metal frame on piers. The main structure is wood framed with wood siding modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood and or metal type in aluminum jambs using lever handles. The windows in this building are single pane aluminum framed fixed and operational units. The building has wood ramps for access.

INTERIORS:
Partition walls are typically vinyl covered wall board, wood paneling and or painted gypsum. Ceilings are typically 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is mostly carpet. There are no restrooms in this building.

MECHANICAL:
EMS Auto logic. Heating and Cooling is provided by Bard type Heat Pumps with ceiling supply's with wall returns. The heating and cooling distribution system is a duct supply and return system. The limited plumbing in this building consists of a Stainless-steel sink. Domestic hot water is provided by Instant-Flow, on demand unit.

ELECTRICAL:
The mostly original electrical system is fed from an underground campus substation to a 112.5 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility using 200 Amp distribution panels. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are not present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE EST 3 panel reporting to security. The building does not have a fire sprinkler system but does have fire extinguishers. A security alarm is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

35 - 35- CONT. ED. ESL MODULAR

Facility Type:	Modular	**Estimate Cost :**	$822,736.68
Gross Area (SF):	2813	**Additional Cost:**	$471,761.74
Year Built:	1997	**Repair Cost:**	$1,294,498.42
Last Renovation:	2001	**Replacement Value:**	$926,275.02
		FCI:	139.75

CONT. ED. ESL MODULAR 35

CONT. ED. ESL Modular Building 35 is located at the Mt. San Antonio College in Walnut, California. The 1- story 2,813 square foot modular building contains classrooms. Originally constructed/placed here in 1997 with no major remodels to date 2021, A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The buildings rests on a metal frame on piers. The main structure is wood framed with wood siding modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood and or metal type in aluminum jambs using lever handles. The windows in this building are single pane aluminum framed fixed and operational units. The building has wood ramps for access.

INTERIORS:
Partition walls are typically vinyl covered wall board, wood paneling and or painted gypsum. Ceilings are typically 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is mostly carpet. There are no restrooms in this building.

MECHANICAL:
EMS Auto logic. Heating and Cooling is provided by Bard type Heat Pumps with ceiling supply's with wall returns. The heating and cooling distribution system is a duct supply and return system.

ELECTRICAL:
The mostly original electrical system is fed from an underground campus substation to a 112.5 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility using 200 Amp distribution panels. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are not present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE EST 3 panel reporting to security. The building does not have a fire sprinkler system but does have fire extinguishers. A security alarm is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

36 - 36- OLDER ADULTS MODULAR

Facility Type:	Modular	**Estimate Cost :**	$448,744.92
Gross Area (SF):	1414	**Additional Cost:**	$257,312.82
Year Built:	1997	**Repair Cost:**	$706,057.74
Last Renovation:	N/A	**Replacement Value:**	$465,607.14
		FCI:	151.64

OLDER ADULTS MODULAR 36

Older Adults Modular Building 36 is located at the Mt. San Antonio College in Walnut, California. The 1- story 1,414 square foot modular building contains classrooms. Originally constructed/placed here in 1997 with no major remodels to date 2021, A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The buildings rests on a metal frame on piers. The main structure is wood framed with wood siding modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood and or metal type in aluminum jambs using lever handles. The windows in this building are single pane aluminum framed fixed and operational units. The building has wood ramps for access.

INTERIORS:
Partition walls are typically vinyl covered wall board, wood paneling and or painted gypsum. Ceilings are typically 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is mostly carpet. There are no restrooms in this building.

MECHANICAL:
EMS Auto logic. Heating and Cooling is provided by Bard type Heat Pumps with ceiling supply's with wall returns. The heating and cooling distribution system is a duct supply and return system.

ELECTRICAL:
The mostly original electrical system is fed from an underground campus substation to a 112.5 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility using 200 Amp distribution panels. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are not present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE EST 3 panel reporting to security. The building does not have a fire sprinkler system but does have fire extinguishers. A security alarm is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

142 - 38A- ADULT HS DIPLOMA MODULAR

Facility Type:	Modular	**Estimate Cost :**	$155,748.04
Gross Area (SF):	1553	**Additional Cost:**	$89,306.78
Year Built:	2000	**Repair Cost:**	$245,054.82
Last Renovation:	N/A	**Replacement Value:**	$511,377.57
		FCI:	47.92

ADULT HS DIPLOMA MODULAR 142 (38A)

Adult HS Diploma Modular Building 38B, is located at the Mt. San Antonio College in Walnut, California. The single story 1,553 square foot building contains offices. Originally constructed in 1983 and placed here in 2000 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on metal frame on piers on the asphalt parking lot supporting a wood sub-floor. The main structure is wood framed with wood siding. This is a modular type building. The roof is metal standing seam type. Exterior entrance doors are metal in aluminum jambs using lever hardware. The windows in this building are aluminum framed single pane fixed and operational units. The building is accessed by ramps.

INTERIORS:
Partition walls are typically hard board with fabric wall coverings. Ceilings are typically T-bar type 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is carpet. Interior doors are wood in metal frames with lever handles. There are no restrooms in this building.

MECHANICAL:
Digital thermostat-controlled heating and cooling are provided by Bard type Heat Pumps. The heating and cooling distribution system is a duct system with ceiling supply and wall returns.

ELECTRICAL:
The electrical system is fed from underground campus substation to a transformer that delivers 120/208-volt, 1 phase, 3 wire power to the facility through two 100-amp distribution boards. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of annunciators. The system is activated by pull stations and is centrally monitored by an EST panel reporting to security. A security/video system is present. The building does have fire extinguishers.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

143 - 38B- BASIC SKILLS MODULAR

Facility Type:	Modular	**Estimate Cost :**	$156,048.91
Gross Area (SF):	1556	**Additional Cost:**	$89,479.31
Year Built:	2000	**Repair Cost:**	$245,528.22
Last Renovation:	N/A	**Replacement Value:**	$512,365.42
		FCI:	47.92

BASIC SKILLS MODULAR 143 (38B)

Basic Skills Modular 143 Building 38B, is located at the Mt. San Antonio College in Walnut, California. The single story 1,556 square foot building contains offices. Originally constructed in 1983 and placed here in 2000 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on metal frame on piers on the asphalt parking lot supporting a wood sub-floor. The main structure is wood framed with wood siding. This is a modular type building. The roof is metal standing seam type. Exterior entrance doors are metal in aluminum jambs using lever hardware. The windows in this building are aluminum framed single pane fixed and operational units. The building is accessed by ramps.

INTERIORS:
Partition walls are typically hard board with fabric wall coverings. Ceilings are typically T-bar type 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is carpet. Interior doors are wood in metal frames with lever handles. There are no restrooms in this building.

MECHANICAL:
Heating and Cooling are provided by Bard type Heat Pumps. The heating and cooling distribution system is a duct system with ceiling supply and wall returns.

ELECTRICAL:
The electrical system is fed from underground campus substation to a transformer that delivers 120/208-volt, 1 phase, 3 wire power to the facility through a 200-amp distribution board. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of annunciators. The system is activated by pull stations and is centrally monitored by a FCI panel reporting to security. A security/video system is present. The building does have fire extinguishers.

Hazmat.
Nothing noted from the assessment of 2021.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

40 - 40- BUILDING 40

Facility Type:	Building	**Estimate Cost :**	$1,384,605.58
Gross Area (SF):	24667	**Additional Cost:**	$793,940.49
Year Built:	1997	**Repair Cost:**	$2,178,546.07
Last Renovation:	2018	**Replacement Value:**	$6,454,941.71
		FCI:	33.75

BUILDING 40

Building 40 located at the Mt. San Antonio College in Walnut, California. The 1 - story, 24,667 square foot building contains classrooms, labs, and offices. Originally constructed in 1997 with a cosmetic upgrade for use in 2018. There have been no other additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade with footings. The main structure is a metal frame Butler type building roof framing is metal. The roof is metal and appears original to construction. Exterior entrance doors are aluminum framed units set in aluminum jambs using panic type hardware. The windows are aluminum frame single pane fixed units that are original to construction.

INTERIORS:
Partition wall types include painted gypsum. The interior wall finishes are generally original type. Most ceilings are 2' x 4' T-bar acoustical tile in metal grids with lighting and A/C vents and or painted gypsum, depending on use. Flooring in high traffic areas is mostly concrete, other flooring is carpet. Interior doors are generally wood in metal frames using lever type hardware. The rest rooms have grab bars with tile floors with and tile walls using a painted gypsum ceiling. Toilet partitions are solid surface resin.

MECHANICAL
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Two exhaust fans provide ventilation in bathrooms are installed on the roof top. Additional conditioning is provided by three mini split systems for dedicated 24x7 critical environmental conditioning.

ELECTRICAL:
The electrical system is fed at 480 volts to a 225 KVA pad transformer that delivers 800 amps of 480/277 volts and 800 amps of 208/120 volt, 3 phase, 4 wire power to the facility through the original distribution board. The distribution board delivers power to the building subpanels. LCS lighting has been upgraded to LED lighting fixtures using motion sensors with typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present. A night light circuit is present.

PLUMBING:
Plumbing fixtures are of original type with upgrades as needed for maintenance needs using the original copper piping. Copper piping is present with common main and isolation valves. Domestic hot water is supplied by a 30-gallon Rudd electric hot water heater, model EGSP30 installed in 2001. Seismic straps are not present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GEEST 3 panel with annunciators and strobes. The system is activated by pull stations, smoke detectors and is centrally monitored. A security system was not noted. The building has a fire sprinkler system and fire extinguishers. Magnetic door release is located at fire doors.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

140 - 43- MODULAR 43

Facility Type:	Modular	**Estimate Cost :**	$284,117.32
Gross Area (SF):	2833	**Additional Cost:**	$162,914.45
Year Built:	1999	**Repair Cost:**	$447,031.77
Last Renovation:	N/A	**Replacement Value:**	$932,860.69
		FCI:	47.92

MODULAR 43

Modular Building 43 is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 2883square foot building contains offices. Originally constructed and or placed here in 1999 with no major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

THIS BUILDING HAS BEEN CONVEREDTED INTO A FURNATURE STORAGE FACILITY AS OF THE 2021 ASSESSMENT********

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a metal frames with on jack stands. The main structure is wood framed with wood sided exterior walls. Roof framing is wood. The roof is rolled asphalt of unknown vintage. Exterior entrance doors are typically hollow metal in aluminum frames. The windows in this building are aluminum framed single pane fixed and operational units. The building is accessed by metal stairs and Trex wood type ramps.

INTERIORS:
Partition wall types include vinyl covered wall board. Most ceilings are 2'x 4' T-bar type acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is carpet over wood sub floor. Interior doors are generally wood in wood and metal jambs using knob type hardware.

MECHANICAL/PLUMBING
EMS monitored, Heating/cooling is provided by wall mounted bard type heat pump, model WH483-A04VP4XXX units with ceiling distribution and returns. This building has no rest rooms or pluming.

ELECTRICAL:
The electrical system is fed at 480 volt to a 75 KVA pad mounted transformers that delivers 208/120 volt, 3 phase, 4 wire power to the facility's distribution board. The distribution board delivers power to the buildings three (3) 60 amp sub-panels.
Lighting is T-8 lighting fixtures. Emergency battery pack lights are not present. Emergency exit signs are present but not illuminated.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
There is no fire alarm system. The building does not have a fire sprinkler system but does have fire extinguishers.

Hazmat.
None noted.

Deficiencies:
1 Replace carpet.
2 Replace transformer.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

198 - 44- ATHLETICS MODULAR

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	11280	**Additional Cost:**	$.00
Year Built:	2017	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$3,971,279.70
		FCI:	0.00

Report Generated: 06/10/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

141 - 45- KINESIOLOGY/ATHLETICS

Facility Type:	Building	**Estimate Cost :**	$819,400.44
Gross Area (SF):	20467	**Additional Cost:**	$469,848.75
Year Built:	2000	**Repair Cost:**	$1,289,249.19
Last Renovation:	2012	**Replacement Value:**	$5,355,871.90
		FCI:	24.07

KINESIOLOGY 141

Kinesiology/Athletic building 141 is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 20,467 square foot building contains classrooms and offices. Originally constructed in 2000 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all system.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade. The main structure is a full metal building with metal framing and siding and roof, that is original to construction. Exterior entrance doors are typically aluminum store front type in aluminum frames using panic type hardware. The windows in this building are aluminum framed dual pane units. The service doors are metal in metal jambs using panic type hardware.

INTERIORS:
Partition wall types include gypsum. The interior walls are typically painted. Most ceilings are painted hard lids and or T-bar type 2'x4' acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is VCT and carpet. Most other flooring is exposed concrete. Interior doors are generally wood in metal frames using lever handles. The rest rooms have grab bars with sheet vinyl floors with FRP wainscot using painted hard lids. The toilet partitions are vinyl type.

MECHANICAL:
Heating and cooling are provided by 10 gas fired constant volume package units, Carrier, model 48HJDO12, 48HJD008, 48HJD009, 48HJDO12. The ceiling mounted exhaust fans are installed to provide ventilation for bathrooms and the rest of the building. The mechanical systems are controlled and monitored by a Building Automation System (BAS).

ELECTRICAL:
The electrical system is fed at 480/277-volt 600-amp power to a 112.5 KVA transformer that delivers 400 amps of 208/120 volt, 3 phase, 4 wire power to the facility's distribution board. The distribution board delivers power to the building subpanels. LCS (Lithonia) lighting are T-35 and T-8 lighting fixtures with motion sensors, electric switching and typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

PLUMBING:
Plumbing fixtures are original type with upgrades as needed for maintenance needs. The upgrades consist of 1.6 GPF toilets with auto operation urinals and toilets. Copper piping is original with main and isolation valves. Domestic hot water is supplied by one, 50-gallon electric hot water heater using a 1/6 HP circulation pump.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible bells, strobe annunciators located in common places. The system is activated by a flow switch, pull stations, smoke detectors and is centrally monitored by a GE-EST panel reporting to security. The building has a fire sprinkler system and fire extinguishers. The campus/building has emergency phones. An assistive listening system is present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

120 - 45B1- BASEBALL DUGOUT VISITOR

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	764	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$113,548.21
		FCI:	0.00

BASEBALL DUGOUT VISITOR 120 (45b1)

Baseball Dugout Visitor 120 45B-1 Baseball Dugout V, is located at the Mt. San Antonio College in Walnut, California. The singel story, 733 square foot building contains dugout. Originally constructed at this site in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units with metal framing. The roof is 2003 vintage metal standing seam. Exterior gates include exit devices.

INTERIORS:
Partition/interior walls are exposed to CMU and metal framing.

MECHANICAL/PLUMBING:
None noted.

ELECTRICAL:
None noted.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted from the 2021 assessment.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

121 - 45B2- BASEBALL PRESS BOX

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	228	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$87,846.51
		FCI:	0.00

BASEBALL PRESS BOX 121 (45B2)

Baseball Press Box Building 121(45B2) is located at the Mt. San Antonio College in Walnut, California. The single story, 228 square foot building contains press box. Originally constructed at this site in 2003 with no major remodels to date 2021 A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units with metal framing. The roof is 2003 vintage metal standing seam. The windows are aluminum framed single pane fixed units. Exterior doors are metal in metal jambs using lever type hardware.

INTERIORS:
Partition/interior walls are exposed to painted gypsum over CMU. The ceiling is exposed to metal panel, framing. Flooring is carpet.

MECHANICAL/PLUMBING:
Heating and cooling are provided by a Carrier heat pump using a programmable thermostat.

ELECTRICAL:
Power is fed providing 120/208 volt 3-phase 4-wire power to a 100 amp panel. Lighting is typically T-8 fluorescent using typical switches and outlets. Emergency lighting is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire control system consists of strobe annunciators located in common places. The system is activated by pull stations and smoke detectors and is centrally monitored by GE-EST panel reporting to security.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

122 - 45B3- CONCESSIONS

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	182	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$70,123.09
		FCI:	0.00

CONCESSONS 122 (45B3)

Concession bUILDING 122 (45B3) is located at the Mt. San Antonio College in Walnut, California. The single story, 182 square foot building contains food distribution. Originally constructed at this site in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units with metal framing. The roof is 2003 vintage metal standing seam. Exterior doors are metal in metal jambs using lever type hardware.

INTERIORS:
Partition/interior walls are exposed to painted gypsum and CMU. The roof is exposed to metal framing.

MECHANICAL/PLUMBING:
Plumbing consists of a stainless-steel sink. A water filtration system is present.

ELECTRICAL:
Power is fed at 480 volts to a 45 KVA pad mounted transformer that delivers 120/208 volt 3-phase 4-wire power to the building. Lighting is typically T-8 fluorescent using typical switches and outlets. Emergency lighting is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
A fire monitoring system is present. The system is activated by smoke detectors and is centrally monitored reporting to security.

Hazmat.
Nothign noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

123 - 45B4- BASEBALL DUGOUT HOME

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	764	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$113,548.21
		FCI:	0.00

BASEBALL DUGOUT HOME 123 (45B4)

Baseball Dugout Home 123, is located at the Mt. San Antonio College in Walnut, California. The 1- story, 733 square foot building contains dugout. Originally constructed at this site in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units with metal framing.

INTERIORS:
Partition/interior walls are exposed to CMU and metal framing.

MECHANICAL/PLUMBING:
None noted.

ELECTRICAL:
None noted.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

Deficiencies:

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

124 - 45B5- BASEBALL STORAGE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	691	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$266,236.58
		FCI:	0.00

BASEBALL STORAGE 124 (45B5)

BASEBALL SORAGE 124 (45B5), is located at the Mt. San Antonio College in Walnut, California. The 1-story, 450 square foot building contains storage. Originally constructed in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade using metal framing and pan deck. Exterior walls are CMU using metal framing. Exterior door is metal in a metal jamb using lever type hardware. The roof is metal standing seam of original vintage. Metal rollup is present.

INTERIORS:
Flooring is concrete. Walls are exposed to CMU. Ceilings are exposed metal frame and pan deck

MECHANICAL/PLUMBING
None noted.

ELECTRICAL:
The electrical system is fed from another location that providing 225 amps of 120/208 volt power to the building. Lighting is typically T-8 fluorescent using typical switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

125 - 45B6- BASEBALL SERVICE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	450	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$173,381.28
		FCI:	0.00

BASEBALL SERVICE 125

Baseball Service 125 456-B is located at the Mt. San Antonio College in Walnut, California. The 1-story, 457 square foot building contains storage. Originally constructed in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade using metal framing and pan deck. Exterior walls are CMU using metal framing. Exterior door is metal in a metal jamb using lever type hardware. Metal rollup is present

INTERIORS:
Flooring is concrete. Walls are exposed to CMU and chain link fencing for wall partitions. Ceilings are exposed metal frame and pan deck

MECHANICAL/PLUMBING
None noted.

ELECTRICAL:
The electrical system is fed from another location that providing 225 amps of 120/208 volt power to the building. Lighting is typically T-8 fluorescent using typical switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:

Hazmat.
None noted.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

127 - 45S1- SOCCER STORAGE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	299	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$115,202.23
		FCI:	0.00

SOCCER STORAGE 127

Soccer Storage 127 (45S1) is located at the Mt. San Antonio College in Walnut, California. The 1- story, 324 square foot building contains storage. Originally constructed at this site in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units with metal framing. The roof is metal standing seam. Metal rollup door is present.

INTERIORS:
Partition/interior walls are exposed to CMU. The ceiling is exposed to metal panel, framing. Flooring is carpet.

MECHANICAL/PLUMBING:
None. Plumbing consists of 2 bubbler drinking fountain on back of building.

ELECTRICAL:
Power is fed providing 480 volts to a 45 KVA transformer providing 120/208 volt 3-phase 4-wire power to a 225-amp panel. Lighting is typically T-8 fluorescent using typical switches and outlets. Emergency lighting is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None.

Hazmat.
None.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

128 - 45S2- SOCCER STORAGE

Facility Type:	Building	**Estimate Cost :**	$1,158.51
Gross Area (SF):	65	**Additional Cost:**	$664.30
Year Built:	2004	**Repair Cost:**	$1,822.81
Last Renovation:	N/A	**Replacement Value:**	$4,952.66
		FCI:	36.80

SOCCER STORAGE 128

Soccer Storage 128 (45S2) is located at the Mt. San Antonio College in Walnut, California. The 1-story, 55 square foot building contains storage. Originally constructed in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building was not in space inventory during the 2016 assessment. This building rest on a concrete slab on grade with wood framing with a stucco finish. The roof is wood framed with an asphalt roof of original vintage. Exterior door is metal in a metal jamb using lever type hardware.

INTERIORS:

MECHANICAL/PLUMBING:

ELECTRICAL:
The electrical system is fed from another location that provides power to the building

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

129 - 45SB1- SOFTBALL DUGOUT VISITOR

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	498	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$74,014.41
		FCI:	0.00

SOFTBALL DUGOUT VISITOR 129 (45SB1)

Softball Dugout Visitor, is located at the Mt. San Antonio College in Walnut, California. The 1- story, 733 square foot building contains a dugout. Originally constructed at this site in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on/below grade. The main structure is CMU, concrete masonry units with metal framing. The roof is metal standing seam. Gates around dougout have exit devices.

INTERIORS:
Partition/interior walls are exposed to CMU and metal framing.

MECHANICAL/PLUMBING:
None noted.

ELECTRICAL:
None noted.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

Deficiencies:

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

130 - 45SB2- SOFTBALL PRESS BOX

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	228	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$87,846.51
		FCI:	0.00

SOFTBALL PRESS BOX 130 (45SB2)

Softball Press Box, is located at the Mt. San Antonio College in Walnut, California. The 1- story, 225 square foot building contains press box. Originally constructed at this site in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units with metal framing. The roof is metal standing seam. The windows are aluminum framed single pane fixed units.

INTERIORS:
Partition/interior walls are exposed to painted gypsum over CMU. The ceiling is exposed to metal panel, framing. Flooring is carpet.

MECHANICAL/PLUMBING:
Heating and cooling is provided by a Carrier heat pump using a programmable thermostat.

ELECTRICAL:
Power is fed providing 120/208 volt 3-phase 4-wire power to a 100 amp panel. Lighting is typically T-8 fluorescent using typical switches and outlets. Emergency lighting is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire control system consists of strobe annunciators located in common places. The system is activated by pull stations and smoke detectors and is centrally monitored reporting to security.

Hazmat.
None noted.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

131 - 45SB3- SOFTBALL DUGOUT HOME

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	498	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$74,014.41
		FCI:	0.00

SOFTBALL DUGOUT HOME 131 (45SB3)

Softball Dugout Home, is located at the Mt. San Antonio College in Walnut, California. The 1- story, 506 square foot building contains dugout. Originally constructed at this site in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab/below on grade. The main structure is CMU, concrete masonry units with metal framing supported by metal post. The roof is metal standing seam. Gates around dugout have exit devices.

INTERIORS:
Partition/interior walls are exposed to CMU and metal framing.

MECHANICAL/PLUMBING:
None noted.

ELECTRICAL:
None noted.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

132 - 45SB4- SOFTBALL STORAGE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	473	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$182,242.98
		FCI:	0.00

SOFTBALL STORAGE 132 (45SB4)

Softball storage is located at the Mt. San Antonio College in Walnut, California. The 1- story, 450 square foot building contains storage. Originally constructed at this site in 2003 with no major remodels to datE 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units with metal framing. The roof is metal standing seam.

INTERIORS:
Partition/interior walls are exposed to CMU. The ceiling is exposed to metal panel, framing. Flooring is concrete.

MECHANICAL/PLUMBING:
None.

ELECTRICAL:
Power is fed providing 120/208 volt 3-phase 4-wire power to a 100-amp panel. Lighting is typically T-8 fluorescent using typical switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire control system consists of strobe annunciators located in common places. The system is activated by pull stations and smoke detectors and is centrally monitored reporting to security.

Hazmat.
None noted.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

133 - 45SB5- SOFTBALL SERVICE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	450	**Additional Cost:**	$.00
Year Built:	2004	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$173,381.28
		FCI:	0.00

SOFTBALL SERVICE 133 (45SB5)

Softball Service is located at the Mt. San Antonio College in Walnut, California. The 1- story, 457 square foot building contains storage. Originally constructed at this site in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units with metal framing. The roof is metal standing seam. Exterior doors are metal in metal jambs using lever type hardware. Metal roll up door is present.

INTERIORS:
Partition/interior walls are exposed to CMU. The ceiling is exposed to metal panel, framing. Flooring is concrete.

MECHANICAL/PLUMBING:
None.

ELECTRICAL:
Power is fed providing 120/208 volt 3-phase 4-wire 225-amp power. Lighting is typically T-8 fluorescent using typical switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire control system consists of smoke detector. The system is activated by smoke detectors and is centrally monitored reporting to security.

Hazmat.
None noted.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

134 - 45SB6- ATHLETICS RESTROOM BLDG

Facility Type:	Building	**Estimate Cost :**	$10,159.90
Gross Area (SF):	709	**Additional Cost:**	$5,825.74
Year Built:	2008	**Repair Cost:**	$15,985.64
Last Renovation:	N/A	**Replacement Value:**	$354,508.45
		FCI:	4.51

ATHLETICS RESTROOMS 134 (45sb6)

Athletics Restroom Building 134 45SB6, is located at the Mt. San Antonio College in Walnut, California. The 1- story, 709 square foot building contains rest rooms. Originally placed and or constructed at this site in 2008 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units. The roof is single ply. Exterior entrance doors are metal in metal jambs using pull handle/dead bolt type hardware. The building has glass block accents.

INTERIORS:
Partition/interior walls are exposed to CMU with FRP-vinyl covered walls. Ceilings are typical of painted gypsum. Flooring is epoxy coated concrete. Toilet partitions are phenolic. Grab bars are present.

MECHANICAL/PLUMBING
Heating and Cooling was not noted. The plumbing in this building is original to construction consisting of typical 1.6 GPF toilets with waterless urinals and low flow sinks. Domestic hot water is provided by a original 6 gallon electric water heater using an expansion tank. Janitor sink is floor mounted porcelain. Ventilation is provided by ceiling mounted exhaust fans.

ELECTRICAL:
The electrical system is fed from the underground campus substation to a transformer that delivers 225 amps of 120/208 volt, 3 phase, 4 wire power to the facility. The original distribution board delivers power to the buildings. Lighting is typically T-8 florescent using security switches with typical outlets. Emergency lights and emergency exit signs were not noted. Exterior lighting is CFLs.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators. The system is activated by pull stations, smoke detectors and is centrally monitored reporting to security. The building does have fire extinguishers.

Hazmat.
None noted.

Deficiencies:

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

64 - 46- EMERGENCY OPERATIONS

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	4046	**Additional Cost:**	$.00
Year Built:	2014	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$2,202,737.75
		FCI:	0.00

EMERGENCY OPERATIONS 64 (46)

Emergency Operation Building 64 (46) is located at the Mt. San Antonio College in Walnut, California. The one story, 4,052 square foot building contains office and maintenance support. Originally constructed in 2014 there have been no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all system.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, footings, and foundation walls. The main structure is metal framed with metal siding. Roof is 100 Mill single ply and is original to construction. The main entry doors are also metal in metal jambs using dead bolts, pull handles and panic type hardware. The service doors are typically metal in hollow metal frames using lever type hardware. The windows are aluminum framed dual pane fixed units.

INTERIORS:
Partition wall types include painted gypsum with areas using aluminum and metal framed single pane fixed window walls. The ceilings are a combination of painted gypsum and 2' x 2' T-bar type acoustical tiles in metal grids with lighting and A/C vents with areas exposed to metal frame and pan deck. Flooring in high traffic areas is carpet, sheet vinyl and or concrete. Interior doors are generally solid wood in metal frames using lever type hardware. Office areas use aluminum framed doors in aluminum jambs, slider type.

MECHANICAL:
Heating and cooling are provided by four roof top gas electric constant volume package units. There is also a dedicated 24x7 mini split system for critical environmental controls. The mechanical systems are controlled and monitored by a Building Automation System (BAS).

ELECTRICAL:
The electrical system is fed providing 480-volt power to a 112.5 KVA transformer that delivers 225 amps of 208/120 volt, 3 phase, 4 wire power to the buildings sub-panels. Additional power is provided using a 400-amp 240-volt switch. LCS lighting is mostly T-8 fluorescent using a combination of motion sensors, switches and typical switches and outlets. Emergency lights are present using a Dualite battery system. Emergency exit signs are present and typically illuminated. The building does have an emergency power source from building 23.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance needs. The upgrades consist of auto operation toilets, sinks with waterless urinal. Copper piping is original with main and isolation valves. Domestic hot water is supplied by Chronomite, on demand instant hot. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible and strobe annunciators located in common places. The system is activated by a flow switch, pull stations, and is centrally monitored by a GE-EST panel reporting to security. The building has a fire sprinkler system and fire extinguishers. Exterior lighting is LED.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

44 - 46A- DOC STORAGE MODULAR

Facility Type:	Modular	**Estimate Cost :**	$.00
Gross Area (SF):	2373	**Additional Cost:**	$.00
Year Built:	2016	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$781,390.19
		FCI:	0.00

DOC STORAGE MODULAR 44 (46A)

DOC Storage Modular Building 44 (46A) is located at the Mt. San Antonio College in Walnut, California. The 1- story 2,373 square foot modular building contains classrooms. Originally constructed/placed here in 2016 with no major remodels to date 2021, A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The buildings rests on a metal frame on piers. The main structure is wood framed with wood siding modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood and or metal type in aluminum jambs using lever handles. The windows in this building are single pane aluminum framed fixed and operational units. The building has wood ramps for access.

INTERIORS:
Partition walls are typically vinyl covered wall board, wood paneling and or painted gypsum. Ceilings are typically 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is mostly carpet. There are no restrooms in this building.

MECHANICAL:
EMS Auto logic. Heating and Cooling is provided by Bard type Heat Pumps with ceiling supply's with wall returns. The heating and cooling distribution system is a duct supply and return system.

ELECTRICAL:
The mostly original electrical system is fed from an underground campus substation to a 112.5 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility using 200 Amp distribution panels. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are not present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE EST 3 panel reporting to security. The building does not have a fire sprinkler system but does have fire extinguishers. A security alarm is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

42 - 46B- CONSTRUCTION OFFICES MODULAR

Facility Type:	Modular	**Estimate Cost :**	$.00
Gross Area (SF):	1414	**Additional Cost:**	$.00
Year Built:	2019	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$465,607.14
		FCI:	0.00

CONSTRUCTION MODULAR 42 (46B)

Construction Modular Building 42 (46B) is located at the Mt. San Antonio College in Walnut, California. The 1- story 1,414 square foot modular building contains classrooms. Originally constructed/placed here in 2020 with no major remodels to date 2021, A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The buildings rests on a metal frame on piers. The main structure is wood framed with wood siding modular type building. The roof is an original metal standing seam type. Exterior entrance doors are wood and or metal type in aluminum jambs using lever handles. The windows in this building are single pane aluminum framed fixed and operational units. The building has wood ramps for access.

INTERIORS:
Partition walls are typically vinyl covered wall board, wood paneling and or painted gypsum. Ceilings are typically 2' x 4' suspended acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is mostly carpet. There are no restrooms in this building.

MECHANICAL:
EMS Auto logic. Heating and Cooling is provided by Bard type Heat Pumps with ceiling supply's with wall returns. The heating and cooling distribution system is a duct supply and return system.

ELECTRICAL:
The mostly original electrical system is fed from an underground campus substation to a 112.5 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility using 200 Amp distribution panels. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are not present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators located in common places. The system is activated by pull stations and is centrally monitored by a GE EST 3 panel reporting to security. The building does not have a fire sprinkler system but does have fire extinguishers. A security alarm is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

62 - 47- FP+M/MAINTENANCE

Facility Type:	Building	**Estimate Cost :**	$4,932,364.05
Gross Area (SF):	21061	**Additional Cost:**	$2,828,244.79
Year Built:	1968	**Repair Cost:**	$7,760,608.84
Last Renovation:	N/A	**Replacement Value:**	$5,511,311.77
		FCI:	140.81

FP + M / MAINTENANCE 62 (47)

Maintenance Facilities Building 62 (47), is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 21,061 square foot building contains offices and shops for campus maintenance support. Originally constructed in 1968. The east end office area of this building received a major remodel in 2013 with no other major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The Butler type building rests on a concrete slab-on-grade using a CMU stem walls with metal framing, metal, and wood siding. Roof is metal as is framing. The roof is 100 Mill single ply. The main entrance doors are metal in metal jambs using a combination of dead bolts, pull handles, lever, and panic type hardware. The service doors are typically large metal coil roll ups. The windows on the remodeled side are aluminum framed dual pane fixed units.

INTERIORS:
Partition wall types include painted gypsum and-or hard board. The interiors of exterior walls are typically painted brick and or metal. Most ceilings are hard lid with some 12"x12" glue on type acoustical tiles and-or exposed to metal framing and or insulation is present. Flooring in high traffic areas is carpet and or 9"x9" vinyl tiles. Most other flooring is exposed concrete. Interior doors are generally solid wood in wood and or metal jambs using lever type hardware. Restrooms are tile flooring, and walls with dry wall ceilings. Toilet partitions are solid surface resin.

MECHANICAL:
Heating in shop areas is provided by 9 gas fired ceiling hung units. Cooling is supplied by 2013 vintage McQuay split systems, condenser model RCS12F150D using R-410 Freon and window type A/C. Additional cooling is by roof top evaporative units, no access. Additional cooling is provided by a mini split system.

ELECTRICAL:
The mostly original electrical system is fed from substation 20 to (1) one, 225 KVA transformer installed in 1988 and delivers 208/120-volt, 3 phase, 4 wire power to the facility through (1) one, 600 amp distribution board that was up graded in 2013. The distribution board delivers power to the buildings sub-panels. Lighting for the most part is T-8 lighting fixtures with auto operation switches and typical switches and outlets. Some sealed switches are present. Emergency lights are present using a battery system. Emergency exit signs are present with some being illuminated. The building does not have a noted emergency power source.

PLUMBING:
Plumbing fixtures on the remodeled side consists of auto operation toilets, sinks with water less urinals. Copper piping is original with main and isolation valves.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators. The system is activated by pull stations, smoke detectors and is centrally monitored by a GE-EST3 panel reporting to security. A security system is not present. The building has a fire sprinkler system in the paint booth in the paint shop.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

63 - 48- RECEIVING/TRANSPORT

Facility Type:	Building	**Estimate Cost :**	$8,452,302.87
Gross Area (SF):	36091	**Additional Cost:**	$4,846,597.18
Year Built:	1968	**Repair Cost:**	$13,298,900.05
Last Renovation:	N/A	**Replacement Value:**	$9,444,411.62
		FCI:	140.81

RECIVING TRANSPORTATION 63 (48)

Receiving Transportation Building, No.48, is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 34,450 square foot building contains warehouse space for shipping and receiving and office for transportation support. Originally constructed in 1968 there have been no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, footings, and foundation walls that are original to construction. The main structure has a 5' CMU stem walls with metal framing, siding, and roof. Roof framing is metal. The roof was last replaced in early 2016. The service doors are typically hollow metal in hollow metal frames using lever hardware with large metal folding up doors.

INTERIORS:
Partition wall types include painted gypsum, and CMUs Most ceilings are 12"x12" glue on type acoustical tiles in the office area and metal frame and insulation in the shop area. Flooring in high traffic areas is VCT. Most other flooring is exposed concrete. Interior doors are generally solid wood in metal frames using knob and lever type hardware. The rest rooms have grab bars with VCT and tile flooring with painted gypsum walls with a tile wainscot using 12"x 12" glue on ceilings using metal toilet partitions.

MECHANICAL:
Heating and cooling in office areas are provided by 2 roof top gas fired package units. The heating in shop area is provided by ceiling hung gas fired units and cooling is provided by evaporative units. The roof mounted exhaust fans are installed to provide ventilation.

ELECTRICAL:
The electrical system is fed from substation 20 providing 480 volts to a Sierra 112.5, 225 KVA transformer that delivers 208/120-volt, 3 phase, 4 wire power to the facility through (1) one, 600 amp 2009 vintage distribution board to original 225 amp distribution panels and up graded 125 amp distribution panels. LCS Lighting is T-8 lighting fixtures in using a combination of motions sensors, time clocks, magnetic contactors and typical switches and outlets. Emergency battery pack lights are not noted. Emergency exit signs were noted. Exterior lighting has been upgraded to LED.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance needs. The upgrades consist of auto operation urinals. Copper piping is original with main and isolation valves. Domestic hot water is supplied by (1) one, Bradford/White 40-gallon, 40,000 BTU. Seismic straps are present. Drinking fountains are present, a washer and dryer are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators and bells. The system is activated by a flow switch, pull stations, smoke detectors and is centrally monitored by a GE-EST panel reporting to security. A security alarm system is not present but needed per staff. The building has a fire sprinkler system. A video monitoring system is present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

164 - 60- SCIENCE LABORATORIES

Facility Type:	Building	**Estimate Cost :**	$1,260,676.12
Gross Area (SF):	63761	**Additional Cost:**	$722,878.65
Year Built:	2006	**Repair Cost:**	$1,983,554.77
Last Renovation:	N/A	**Replacement Value:**	$31,275,283.49
		FCI:	6.34

SCIENCE LABORATORIES 164 (60)

Science Laboratory Building 164 (60), is a two story and three-story building located at the Mt. San Antonio College in Walnut, California. The 2 and 3 - story, 63,761square foot building contains classrooms, labs, and offices. Originally constructed in 2006 with no major remodels to date, 2016. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using footings and foundation walls. The main structure is a cast-in-place/tilt up concrete using metal framing with stucco exterior walls. Roof framing is metal with metal pan deck. The roof is built up rolled asphalt and a metal dome. Exterior main entries are aluminum framed store front type push plate auto openers with electric access control. The service doors are typically hollow metal in hollow metal frames using lever type hardware with electric access control. The windows in this building are aluminum framed dual pane units as are the window wall in fills. There are stairs at each end of the building for access. Two ThyssenKrupp 50 HP 91.7% EFF, TAC-20 elevators are present, model EU222904. Roof top green house is present using aluminum framing with plastic panels with a vented roof and fabric shade cover.

INTERIORS:
Partition wall types include painted drywall. The interior wall finishes are generally original to construction. Most ceilings are a combination of 2'x 4' T-bar type acoustical tiles in metal grids with lighting and A/C vents and or painted hard lids. Flooring in high traffic areas is a combination of sheet vinyl and VCT vinyl tile. Most other flooring is exposed to concrete. Interior doors are generally solid wood in wood frames using a combination of lever handles with electric access and panic type hardware. The rest rooms have grab bars with tile floors with FRP walls using a painted hard lid. The toilet partitions are solid core resin type.

MECHANICAL:
The heating and cooling for the building is a hydronic system. The heated water is provided to the building through pipes, pumps, and control valves sourced from two on-site boilers. The chilled water is sourced from the central plant delivered through a network of piping, control valves, and pumps. The cooled and heated water is delivered to the roof top Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The roof mounted exhaust fans are installed to provide ventilation in bathrooms and the rest of the building as well as exhaust fans for the lab fume hoods.

ELECTRICAL:
The electrical system is fed providing 1000 amps of 480-volt power to a, 300 KVA transformers that deliver 480/277- 3-phase 4-wire power to distribution panels and a 225 and 30 KVA transformer providing 120/208-volt, 3 phase, 4 wire power to the facility through distribution boards. There is an original three section 600-amp motor control center present. The distribution board delivers power to the building subpanels. LCS (Genesis) Lighting is mostly T-8 and CFL type fluorescent lighting fixtures using an energy management system. Emergency battery pack lights are present. Emergency battery pack exit signs are present. A night light circuit is present. The building does have a 600 amp 480-208/120 emergency power source using an Asco 7000 transfer switch. Exterior lighting is CFLs.

PLUMBING:
Plumbing fixtures are typically of original type with upgrades as needed for maintenance needs using 1.6 GPF toilets with 1 GPF urinals. The upgrades consist of auto operation urinals. Copper piping is present with main and isolation valves that are original to construction. Domestic water system uses two 5 HP booster pumps. Domestic hot water is supplied by two, Rudd 100-gallon 73,000 BTU gas hot water heaters installed in 2004 using a 1/6 HP circulation pump. Industrial hot water is provided by two Ray Pack boilers, model WH3-0261 of 2005 vintage providing 264,000 BTUs each using a 100-gallon RayPack storage tank and a Sussman electric unit model ES-60. The building has eye wash and safety type showers stations. Janitor sink is floor mounted Porcelain. The lab areas have a gas, vacuum, and air systems. There is a Fume evacuation present. A DI water system is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of horn/ strobe annunciators located in common places. The system is activated by a flow switch, pull stations and or smoke detectors in common places, the duct work ECT and is centrally monitored by a GE-EST panel reporting to security. The building has a fire sprinkler system and fire extinguishers. The building has a security alarm and video monitoring system.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

178 - 61- MATH AND SCIENCE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	65825	**Additional Cost:**	$.00
Year Built:	2009	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$28,109,963.26
		FCI:	0.00

MATH AND SCIENCE 178 (61)

Math and Science Building 178 (61) is located at the Mt. San Antonio College in Walnut, California. This is a 3-story, 65,825 square foot building. Originally constructed in 2009 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on/below-grade. The main structure is metal framed and pan deck using plaster, metal, and red brick veneers. Roof framing is metal with rolled asphalt believed to be original to construction. Exterior main entry doors are push plate, set auto operation store front type set in aluminum jambs with panic type hardware. The service doors are hollow metal in hollow metal frames using lever and panic type hardware. The windows are dual pane aluminum framed fixed units. The building has a 40 HP 78.5% EFF motor elevator.

INTERIORS:
Partition wall types include painted gypsum and or metal framed window walls using a combination of wire and or clear glass. Most ceilings are 2' x 2 and or 2' x 4' T-bar acoustical tile in metal grids with lighting and A/C vents, painted gypsum and open to metal framing and pan deck. Flooring is a combination of Carpet, VCT and, tile. Interior doors are a combination of wood and or metal in metal frames using lever type hardware. The rest rooms have grab bars with tile floors with a tile wainscot with painted gypsum ceilings.

MECHANICAL:
Heating is provided by a gas fired boiler using a 3/4 HP 75.5 % EFF circulation pump. Cooling is provided by the central plant. The conditioned water it delivered to the building through a network of piping, control valves, and pumps to the Air handling unit. The Air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Additional cooling is provided by two Carrier split systems. Additional cooling is provided by Bard heat pump unit. Additional cooling is provided by three Carrier split systems. The roof mounted exhaust fans are installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed from two 480/277-volt switches to a combination of 300 and 225 KVA transformers providing 120/208-volt, 3 phase, 4 wire power to the facility through distribution panels. There is a 120/208-volt 1 phase 3 wire 100 panel present. The distribution board delivers power to the buildings sub-panels. LCS lighting is T-8 and CFL lighting fixtures using a combination of motion sensors and switches and typical switches and outlets. Metal halide lights are present. Emergency lights are present. Emergency exit signs are present. The building has an emergency power source provided by a Caterpillar diesel generator.

PLUMBING:
Plumbing fixtures are original type with upgrades as needed for maintenance use needs using 1.6 GPF toilets and 1 GPF urinals. Copper piping is present with main and isolation valves. Domestic hot water is supplied by one 50-gallon electric water heater using a 1/6 HP circulation pump with an expansion tank. Seismic straps are present. There is an eye wash/shower station present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobe annunciators. The system is activated by a flow switch, pull stations and smoke detectors are in centrally monitored by a GE-EST panel reporting to security. The building has a fire sprinkler system. Fire extinguishers are present. A security alarm and video monitoring system are present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

160 - 66- LANGUAGE CENTER

Facility Type:	Building	**Estimate Cost :**	$647,622.90
Gross Area (SF):	44457	**Additional Cost:**	$371,350.55
Year Built:	2004	**Repair Cost:**	$1,018,973.45
Last Renovation:	N/A	**Replacement Value:**	$18,984,954.60
		FCI:	5.37

LANGUAGE CENTER 160 (66)

Language Center Building 160 (66) is located at the Mt. San Antonio College in Walnut, California. The two story 44,457 square foot building contains classrooms, and offices. Originally constructed in 2004 with no major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using footings and foundation walls that are original to construction. The main structure is CMUs with metal framing and pan deck with a stucco and red brick finish. The roof is asphalt with a covering cap sheet. Exterior entrance doors are typically metal doors with metal jambs using panic type hardware with electric access control. The windows in this building are metal dual pane units.

INTERIORS:
Partition wall types include painted gypsum. Most ceilings are painted gypsum and or T-bar type acoustical tiles in metal grids. Flooring in high traffic areas is both VCT and carpet. Interior doors are generally solid wood and or metal in metal jambs using lever and panic type hardware. The rest rooms have tile floors with an FRP wainscot and vinyl type toilet partitions.

MECHANICAL:
Heating and Cooling systems are a hydronic system. The chilled and heated water is supplied to the building through a network of piping, control valves, and pumps from the central plant. The conditioned water is then delivered to the celling hung fan coil units throughout the building. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The roof mounted exhaust fans are present to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed from substation 1 using a 15.5 KV switch providing 12000 volts to a 2700 KVA transformer providing 800 amps of 480/277 volt 3-phase 4-wire power to a 300 KVA transformer that delivers 1000 amps of 208/120 volt, 3 phase, 4 wire power to the facility through a distribution board. The distribution board delivers power to the buildings sub-panels. Lighting is primarily T-8 lighting fixtures using motion sensors, switches using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present. A night light circuit is present. The building has a noted emergency power source. The building has an Elevator.

PLUMBING:
Plumbing fixtures are original type with upgrades as needed for maintenance/use needs. The upgrades consist of auto operation toilets and urinals. Copper piping is mostly original with main and isolation valves. Domestic hot water is supplied by a instant hot tankless electric unit, 27 KW 480 volt on demand water heater using a 1/6 HP circulation and an expansion tank. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators and strobes. The system is activated by pull stations and smoke detectors and is centrally monitored. The building has fire sprinklers and fire extinguishers.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

161 - 67A- HEALTH CAREERS CTR A

Facility Type:	Building	**Estimate Cost :**	$466,011.13
Gross Area (SF):	31990	**Additional Cost:**	$267,213.35
Year Built:	2005	**Repair Cost:**	$733,224.48
Last Renovation:	N/A	**Replacement Value:**	$13,661,036.46
		FCI:	5.37

HEALTH CAREERS CENTER 161

Health Careers Center Building 161 (67A), is located at the Mt. San Antonio College in Walnut, California. The 2- story, 31,990 square foot building contains classrooms, labs, and offices. Originally constructed in 2004 there have been no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using footings and foundation walls that are original to construction. The main structure is metal framed and pan deck with a stucco finish. The roof is rolled asphalt with a covering cap sheet. Exterior entrance doors are typically hollow metal in hollow metal frames with auto openers using levers and panic type hardware. The windows in this building are metal frame dual pane units.

INTERIORS:
Partition wall types include painted gypsum. Most ceilings are 2'x 4' T-bar type acoustical tiles in metal grids with lighting and A/C vents and or painted hard lids. Flooring in high traffic areas is carpet while others are VCT. Interior doors are generally metal in metal jambs using lever type and panic type hardware with viewing single pane side lights. The restrooms have auto operation entries with tile floors with FRP wainscot with plastic toilet partitions.

MECHANICAL:
Heating and Cooling systems are a hydronic system. The chilled and heated water is supplied to the building through a network of piping, control valves, and pumps from the central plant. The conditioned water is then delivered to the celling hung fan coil units throughout the building. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The roof mounted exhaust fans are present to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed at 480 volts to (1) one, 300 and one 45 KVA transformer that delivers 208/120-volt, 3 phase, 4 wire power to the facility through (1) one, 1000 Amp distribution board. The distribution board delivers power to the building subpanels. LCS lighting is CFL and T-8 lighting fixtures using typical switches and outlets with motion switches and sensors. Emergency battery pack lights are present. Emergency battery pack exit signs are present. A night light circuit is present.

PLUMBING:
Plumbing fixtures are of original type with upgrades as needed for maintenance needs. Copper piping is present with main and isolation valves. Domestic hot water is supplied by one, Rudd 50 gallon electric 4500-watt hot water heater, and a tankless in line on demand unit. Seismic straps are present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE-EST panel with horns and strobes. The system is activated by pull stations and smoke detectors and is centrally monitored. A video/security alarm system is present. The building does have a fire sprinkler system.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

162 - 67B- HEALTH CAREERS CTR B

Facility Type:	Building	**Estimate Cost :**	$155,142.81
Gross Area (SF):	10650	**Additional Cost:**	$88,959.74
Year Built:	2005	**Repair Cost:**	$244,102.55
Last Renovation:	N/A	**Replacement Value:**	$4,547,984.94
		FCI:	5.37

HEALTH CAREERS CENTER B 162

Health Careers Center Building 162 (67B), is located at the Mt. San Antonio College in Walnut, California. The 2- story, 10,650 square foot building contains classrooms, labs, and offices. Originally constructed in 2005 with no major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all system.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade using metal framing and pan deck with a stucco and red brick veneer finish. Roof framing is metal. The roof is built up rolled asphalt. Exterior entrance doors are typically hollow metal in hollow metal frames with auto openers. The windows in this building are metal frame dual pane units.

INTERIORS:
Partition wall types include painted gypsum with areas using metal framed single pane fixed window walls. Most ceilings are 2' x 2' T-bar type acoustical tiles in metal grids with lighting and A/C vents. Flooring in high traffic areas is carpet, VCT, and rubber flooring. Interior doors are generally solid wood in metal jambs using lever type hardware. The restrooms in this building have VCT flooring with FRP walls using painted hard lids.

MECHANICAL:
Heating and Cooling systems are a hydronic system. The chilled and heated water is supplied to the building through a network of piping, control valves, and pumps from the central plant. The conditioned water is then delivered to the celling hung fan coil units throughout the building. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The roof mounted exhaust fans are present to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed providing 400 amps of 480 volts to (1) one, 112.5 and 45 KVA transformer that delivers 200 amps of 208/120 volt, 3 phase, 4 wire power to the facility through one distribution board. The distribution board delivers power to the building subpanels. LCS lighting has been upgraded to T-8 lighting fixtures using motion sensors with typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present. A night light circuit is present.

PLUMBING:
Plumbing fixtures are of original type with upgrades as needed for maintenance needs. Copper piping is present with main and isolation valves. Domestic hot water is by tankless electric 72KW 480-volt water heater using a 1/6 HP circulation pump with an expansion tank. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators. The system is activated by a flow switch, pull stations and smoke detectors, and is centrally monitored by a GE-EST panel reporting to security. The building has fire extinguishers and a fire sprinkler system.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

165 - 69- WELDING/HVAC

Facility Type:	Building	**Estimate Cost :**	$534,352.87
Gross Area (SF):	26207	**Additional Cost:**	$306,400.89
Year Built:	2005	**Repair Cost:**	$840,753.76
Last Renovation:	N/A	**Replacement Value:**	$13,184,953.54
		FCI:	6.38

WELDING HVAC 165

The Welding/Air Conditioning Buildings 165 (69) is located at the Mt. San Antonio College in Walnut, California. The single story, 26,207 square foot buildings contain classrooms, labs, and offices. Originally constructed in 2005 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, with footings and CMU walls using metal framing and pan deck. The main structure is a cast-in-place concrete with brick exterior walls. The roof is metal standing seam on slants and built-up asphalt on flat areas. Exterior main entry doors are typically store front type aluminum framed units set in aluminum jambs using panic type hardware with electric access control. The service doors are hollow metal in hollow metal jambs using lever type hardware. The windows in this building are aluminum framed dual pane fixed units.

INTERIORS:
Partition wall types include painted gypsum, exposed to CMUs and metal framed single pane window walls. The interiors of exterior walls are typically CMU block. Most ceilings are 2'x 2' T-bar acoustical tile in metal grids with lighting and A/C vents in the classrooms, offices and open to metal framing and pan deck in the shop areas. Flooring in high traffic areas like classrooms is carpet. Most other flooring is exposed to concrete. Interior doors are generally metal in metal frames using lever hardware. The rest rooms, located in the A/C building only, have tile floors with CMU brick walls and painted gypsum ceilings using vinyl type toilet partitions.

MECHANICAL:
Heating and cooling are provided by six gas fired roof mounted constant volume gas packs. The shop areas have ceiling hung natural gas forced air units. Roof top exhaust fans are present for shop ventilation. The roof mounted exhaust fans are installed to provide ventilation in bathrooms and the rest of the building. The mechanical systems are controlled and monitored by a Building Automation System (BAS).

ELECTRICAL:
The electrical system is fed at 480 volts 2500 amps using a 500 KVA transformer installed in 2005 using three 75 KVA transformers that delivers 208/120-volt, 3 phase, 4 wire power to the facility through one, 1600 Amp distribution board. The distribution board delivers power to the buildings sub-panels. LCS lighting is upgraded T-8 lighting fixtures using a combination of typical switches and outlets and timers. Emergency lights are present. Emergency exit signs are present. Exterior lighting is metal halide.

PLUMBING:
Plumbing fixtures are original type with upgrades as needed for maintenance needs. The upgrades consist of waterless urinals. Copper piping is present with main and isolation valves. Domestic hot water is supplied by one 30 gal. electric hot water heater using a mixing valve. There is an oxygen and acetylene distribution system present. An eye wash station is present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. The system is activated by pull stations and smoke detectors and is centrally monitored by a GE-EST panel reporting to security. Fire extinguishers are present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

70 - 70- CDC ADMINISTRATION

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	6039	**Additional Cost:**	$.00
Year Built:	2014	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$2,623,384.34
		FCI:	0.00

CDC ADMINISTRATION 70 (70)

CDC Administration Building 70, is located at the Mt. San Antonio College in Walnut, California. The 1 - story, buildings total 6,039 square foot building contains classrooms and offices. Originally constructed in 2014 there have been no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade. The main structure is a wood frame building with a stucco and Hardy board exterior siding. Roof framing is wood. The roofs are metal standing seam and appear original to construction. Exterior entrance doors are typically push plate, auto operation metal in hollow metal frames using lever and panic type hardware with electric access control. The windows are aluminum and metal framed dual pane units that are original to construction.

INTERIORS:
Partition wall types include painted gypsum. Most ceilings are T-bar type acoustical tiles in metal grids. Flooring in high traffic areas is VCT vinyl tile while other flooring is carpet. Interior doors are generally solid wood in metal frames using lever type hardware. The rest rooms have grab bars with tile floors with a FRP wainscot with painted gypsum ceilings. The rest rooms have vinyl toilet partitions. Commercial and residential kitchen is present.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed providing 400 amps of 480/277 volt 3-phase 4-wire power to a 112.5 KVA transformer providing 120/208-volt, 3 phase, 4 wire power to the facilities through distribution boards. The distribution board delivers power to the buildings sub-panels. Lighting is mostly T-8 and CFL florescent lighting fixtures using motion sensors, switches and typical switches and outlets. Emergency lights are present and emergency exit signs are present using a Spectron LSN battery system.

PLUMBING:
Plumbing fixtures are porcelain type with upgrades as needed for maintenance needs. Mini toilets are present. Copper piping is present with main and isolation valves. Domestic hot water is supplied by a 111.6 gallon electric water heater 98% EFF and an in line on demand type in the restroom. Earth quake valve is present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. The system is activated by a flow switch, pull stations, smoke detectors is centrally monitored by a GE-EST panel reporting to security. A CO2 monitoring system is present. A sprinkler system is present as are fire extinguishers. A video monitoring system is present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

71 - 71- CDC INFANTS/TODDLERS

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	8122	**Additional Cost:**	$.00
Year Built:	2014	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$3,528,254.28
		FCI:	0.00

CDC INFANTS & TADDLERS 71

CDC Infants & Toddlers Building 71, is located at the Mt. San Antonio College in Walnut, California. The one story, 8,122 sf building contains classrooms and offices. Originally constructed in 2014 with no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade. The main structure is a wood frame building with a stucco and Hardy board exterior siding. Roof framing is wood. The roofs are metal standing seam. Exterior entrance doors are typically push plate, auto operation metal in hollow metal frames using lever and panic type hardware with electric access control. The windows are aluminum and or metal framed dual pane units that are original to construction.

INTERIORS:
Partition wall types include painted gypsum. Most ceilings are a combination of 12" x 12" glue on acoustical tiles, exposed to wood frame and or painted gypsum. Flooring in high traffic areas is VCT vinyl tile while other flooring is carpet. Interior doors are generally solid wood in metal frames using lever type hardware. The rest rooms have grab bars with tile floors with a marlite wainscot with painted gypsum ceilings. The rest rooms have vinyl toilet partitions. Residential kitchen is present.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed providing 400 amps of 480/277 volt 3-phase 4-wire power to a 112.5 KVA transformer providing 120/208-volt, 3 phase, 4 wire power to the facilities through distribution boards. The distribution board delivers power to the buildings sub-panels. Lighting is mostly T-8 and CFL florescent lighting fixtures using motion sensors, switches and typical switches and outlets. Emergency lights are present and emergency exit signs are present using a Spectron LSN battery system.

PLUMBING:
Plumbing fixtures are porcelain type with upgrades as needed for maintenance needs. The upgrades consist of auto operation toilets and sinks. Mini toilets are present. Copper piping is present with main and isolation valves. Domestic hot water is supplied by a 111.6 gallon electric water heater 98% EFF. Earthquake valve is present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEM:
The fire alarm system consists of audible strobe annunciators located in common places. The system is activated by a flow switch, pull stations, smoke detectors is centrally monitored by a GE-EST panel reporting to security. A CO2 monitoring system is present. A sprinkler system is present as are fire extinguishers. A video monitoring system is present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

72 - 72- CDC PRESCHOOLERS

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	10232	**Additional Cost:**	$.00
Year Built:	2014	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$4,444,853.22
		FCI:	0.00

CDC PRESCHOOLERS 72

CDC Preschoolers Building 72, is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 10,232 sf THE building contains classrooms and offices. Originally constructed in 2014 with no major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade. The main structure is a wood frame building with a stucco and Hardy board exterior siding. Roof framing is wood. The roofs are metal standing seam and appear original to construction. Exterior entrance doors are typically push plate, auto operation metal in hollow metal frames using lever and panic type hardware with electric access control. The windows are aluminum and or metal framed dual pane units that are original to construction.

INTERIORS:
Partition wall types include painted gypsum. Most ceilings are a combination of 12" x 12" glue on acoustical tiles, exposed to wood frame and or painted gypsum. Flooring in high traffic areas is VCT vinyl tile while other flooring is carpet. Interior doors are generally solid wood in metal frames using lever type hardware. The rest rooms have grab bars with tile floors with a FRP wainscot with painted gypsum ceilings. The rest rooms have vinyl toilet partitions. Residential kitchen is present.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed providing 400 amps of 480/277 volt 3-phase 4-wire power to a 75 KVA transformer providing 120/208-volt, 3 phase, 4 wire power to the facility's through distribution boards. The distribution board delivers power to the buildings sub-panels. Lighting is T-8, LED, and CFL florescent lighting fixtures using motion sensors, switches and typical switches and outlets. Emergency lights are present and emergency exit signs are present using a Spectron LSN battery system.

Plumbing:
Plumbing fixtures are porcelain type with upgrades as needed for maintenance needs. The upgrades consist of auto operation toilets and sinks. Mini toilets are present. Copper piping is present with main and isolation valves. Domestic hot water is supplied by an 111.6 gallon electric water heater 98% EFF. Earth quake valve is present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. The system is activated by a flow switch, pull stations, smoke detectors is centrally monitored by a GE-EST panel reporting to security. A CO2 monitoring system is present. A sprinkler system is present as are fire extinguishers. A video monitoring system is present.

Hazmat.
Nothing is noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

73 - 73- CDC ADULT INSTRUCTION

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	10278	**Additional Cost:**	$.00
Year Built:	2014	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$4,464,835.94
		FCI:	0.00

CDC ADULT INSTRUCTION 73

CDC Adult Instruction Building 73, is located at the Mt. San Antonio College in Walnut, California. The 1 - story, 10,287 sf buildings contain classrooms and offices. Originally constructed in 2014 with no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade. The main structure is a wood frame building with a stucco and Hardy board exterior siding. Roof framing is wood. The roofs are metal standing seam and appear original to construction. Exterior entrance doors are typically push plate, auto operation metal in hollow metal frames using lever and panic type hardware with electric access control. The windows are aluminum and or metal framed dual pane units that are original to construction.

INTERIORS:
Partition wall types include painted gypsum. Most ceilings are a combination of 2' x 4' T-bar type acoustical tiles in metal grids with lighting and A/C vents and exposed to wood frame and or painted gypsum. Flooring in high traffic areas is VCT vinyl tile while other flooring is carpet. Interior doors are generally solid wood in metal frames using lever type hardware. The rest rooms have grab bars with tile floors with a FRP wainscot with painted gypsum ceilings. The rest rooms have vinyl toilet partitions.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The hot water is provided by one on site hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The heated and cooled water are delivered to Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system is fed providing 225 amps of 480/277 volt 3-phase 4-wire power to a 75 KVA transformer providing 120/208-volt, 3 phase, 4 wire power to the facilities through distribution boards. The distribution board delivers power to the buildings sub-panels. Lighting is mostly T-8, LED, and CFL florescent lighting fixtures using motion sensors, switches and typical switches and outlets. Emergency lights are present and emergency exit signs are present using a Spectron LSN battery system.

PLUMBING:
Plumbing fixtures are porcelain type with upgrades as needed for maintenance needs. The upgrades consist of auto operation toilets and sinks. Mini toilets are present. Copper piping is present with main and isolation valves. Domestic hot water is supplied by an 80-gallon electric water heater 98% EFF. Earth quake valve is present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobe annunciators located in common places. The system is activated by a flow switch, pull stations, smoke detectors is centrally monitored by a GE-EST panel reporting to security. A CO2 monitoring system is present. A sprinkler system is present as are fire extinguishers. A video monitoring system is present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

77 - 77- BUS & COM TECH SOUTH

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	36161	**Additional Cost:**	$.00
Year Built:	2018	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$15,442,223.80
		FCI:	0.00

Building 0077 - Business and Computer Tech Classroom Building South
This is a two-story steel framed building is part of a 3-building complex located at the Mt. San Antonio College in Walnut, California. The 36,161 square foot building contains classrooms, computer labs, study spaces and offices. Originally constructed in 2018 with no major remodels to date 2021. A major remodel consists of a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using metal framing, concrete post with metal frame and pan deck. The main structure is clad with metal panel siding. Roofing is EPDM with metal framing pan deck. Exterior main entries are push plate; auto operation store front aluminum framed doors set in aluminum jambs using panic type hardware with electric access control. The service doors are metal in metal jambs using lever type hardware. The windows/infills in this building are aluminum framed dual pane fixed units.

INTERIORS:
Partition wall types include painted gypsum. The interior wall finishes are generally of original type. Most ceilings are metal grid T-bar with acoustical tiles, lighting and HVAC vents. Flooring is carpet and VCT. Interior doors are wood in metal jambs using lever type hardware. The restrooms have grab bars with tile floors with tile walls with painted gypsum ceilings with solid surface resin toilet partitions.

MECHANICAL:
The heating and cooling for the building uses a single roof-top box-car style air handling unit (AHU). The chilled water is delivered to the building through pipes, pumps, and control valves from the central plant. The hot water is provided by a hot water gas fired boiler in building 78. The boiler is outfitted with pumps, piping, and control valves. The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Two exhaust fans provide ventilation in bathrooms are installed on the roof top. A single elevator is present.

ELECTRICAL:
The electrical system is fed from 9E at 800A 480/277v to a 225 KVA pad mounted transformer providing 1200A 120/208v 3-phase 4-wire power to local distribution panels. LCS lighting has been upgraded to LED and T-8 lighting fixtures using a combination of motion sensors, switches, electric switching and typical switches and outlets. Emergency lighting illuminated exit signs are present using a battery-backup system. A night light circuit is present.

PLUMBING:
Plumbing fixtures are original with auto operation sinks, toilets and 1 GPF urinals. Copper piping is used with main and isolation valves. Domestic hot water is supplied by a Bradford/White hot water heater. Drinking fountains are present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobes and annunciation panels located in common areas. The system is activated by a flow switch, pull stations, smoke detectors and is centrally monitored by a GE-EST panel. A security system is present. The building has fire sprinklers and fire extinguishers. An earthquake valve is present at main gas line. Air quality monitoring system is present.

Hazmat.
Nothing was noted from the 2021 assessment.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

78 - 78- BUS & COM TECH EAST

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	53224	**Additional Cost:**	$.00
Year Built:	2018	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$22,728,821.64
		FCI:	0.00

Building 0078 - Business and Computer Tech Classroom Building East
This is a three-story steel framed building is part of a 3-building complex located at the Mt. San Antonio College in Walnut, California. The 53,224 square foot building contains classrooms, computer labs, study spaces and offices. Originally constructed in 2018 with no major remodels to date 2021. A major remodel consists of a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using metal framing, concrete post with metal frame and pan deck. The main structure is clad with metal panel siding. Roofing is EPDM with metal framing pan deck. Exterior main entries are push plate; auto operation store front aluminum framed doors set in aluminum jambs using panic type hardware with electric access control. The service doors are metal in metal jambs using lever type hardware. The windows/infills in this building are aluminum framed dual pane fixed units.

INTERIORS:
Partition wall types include painted gypsum. The interior wall finishes are generally of original type. Most ceilings are metal grid T-bar with acoustical tiles, lighting and HVAC vents. Flooring is carpet and VCT. Interior doors are wood in metal jambs using lever type hardware. The restrooms have grab bars with tile floors with tile walls with painted gypsum ceilings with solid surface resin toilet partitions.

MECHANICAL:
The heating and cooling for the building uses three (3) roof-top box-car style air handling units (AHU). The chilled water is delivered to the building through pipes, pumps, and control valves from the central plant. The hot water is provided to this and the adjacent buildings by a hot water gas fired boiler. The boiler is outfitted with pumps, piping, and control valves. The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Two exhaust fans provide ventilation in bathrooms are installed on the roof top. Additional cooling is provided by split units with roof-top condensers. Refrigeration equipment is located on the rooftop. Three (3) elevators are present.

ELECTRICAL:
The electrical system is fed from 9E at 800A 480/277v to a 225 KVA pad mounted transformer providing 1200A 120/208v 3-phase 4-wire power to local distribution panels. LCS lighting has been upgraded to LED and T-8 lighting fixtures using a combination of motion sensors, switches, electric switching and typical switches and outlets. Emergency lighting illuminated exit signs are present using a battery-backup system. A night light circuit is present.

PLUMBING:
Plumbing fixtures are original with auto operation sinks, toilets and 1 GPF urinals. Copper piping is used with main and isolation valves. Domestic hot water is supplied by a Bradford/White hot water heater. Drinking fountains are present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobes and annunciation panels located in common areas. The system is activated by a flow switch, pull stations, smoke detectors and is centrally monitored by a GE-EST panel. A security system is present. The building has fire sprinklers and fire extinguishers. An earthquake valve is present at main gas line. Air quality monitoring system is present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

79 - 79- BUS & COM TECH NORTH

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	23440	**Additional Cost:**	$.00
Year Built:	2018	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$10,009,837.28
		FCI:	0.00

Building 0079 - Business and Computer Tech Classroom Building North
This is a two-story steel framed building is part of a 3-building complex located at the Mt. San Antonio College in Walnut, California. The 23,440 square foot building contains classrooms, computer labs, study spaces and offices. Originally constructed in 2018 with no major remodels to date 2021. A major remodel consists of a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using metal framing, concrete post with metal frame and pan deck. The main structure is clad with metal panel siding. Roofing is EPDM with metal framing pan deck. Exterior main entries are push plate; auto operation store front aluminum framed doors set in aluminum jambs using panic type hardware with electric access control. The service doors are metal in metal jambs using lever type hardware. The windows/infills in this building are aluminum framed dual pane fixed units.

INTERIORS:
Partition wall types include painted gypsum. The interior wall finishes are generally of original type. Most ceilings are metal grid T-bar with acoustical tiles, lighting and HVAC vents. Flooring is carpet and VCT. Interior doors are wood in metal jambs using lever type hardware. The restrooms have grab bars with tile floors with tile walls with painted gypsum ceilings with solid surface resin toilet partitions.

MECHANICAL:
The heating and cooling for the building uses a single roof-top box-car style air handling unit (AHU). The chilled water is delivered to the building through pipes, pumps, and control valves from the central plant. The hot water is provided by a hot water gas fired boiler in building 78. The boiler is outfitted with pumps, piping, and control valves. The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Two exhaust fans provide ventilation in bathrooms are installed on the roof top. A single elevator is present.

ELECTRICAL:
The electrical system is fed from 9E at 800A 480/277v to a 225 KVA pad mounted transformer providing 1200A 120/208v 3-phase 4-wire power to local distribution panels. LCS lighting has been upgraded to LED and T-8 lighting fixtures using a combination of motion sensors, switches, electric switching and typical switches and outlets. Emergency lighting illuminated exit signs are present using a battery-backup system. A night light circuit is present.

PLUMBING:
Plumbing fixtures are original with auto operation sinks, toilets and 1 GPF urinals. Copper piping is used with main and isolation valves. Domestic hot water is supplied by a Bradford/White hot water heater. Drinking fountains are present. Janitor sink is floor mounted porcelain.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of audible strobes and annunciation panels located in common areas. The system is activated by a flow switch, pull stations, smoke detectors and is centrally monitored by a GE-EST panel. A security system is present. The building has fire sprinklers and fire extinguishers. An earthquake valve is present at main gas line. Air quality monitoring system is present.

Hazmat.
Nothing was noted from the 2021 assessment.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

80 - 80- AGRICULTURAL SCIENCE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	37858	**Additional Cost:**	$.00
Year Built:	2011	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$18,569,653.59
		FCI:	0.00

AGRICULTURE SCINCE BUILDING 80

Agricultural Science Building 80 is located at the Mt. San Antonio College in Walnut, California. The two story 37,858 square foot building contains offices, classrooms, and lab space for animal training. Originally constructed in 2011 with no noted major renovations to date 2021.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade with footings and foundations walls that are original to construction. The main structure is metal framed with a metal pan deck. Exterior walls are a combination of stucco and or metal panel siding. The roof is rolled asphalt and metal of original construction. Exterior doors are typically aluminum framed store front type set in aluminum jambs and the service doors are hollow metal in hollow metal frames, All using a combination of levers, panic type hardware with electric access control. Windows and window walls are aluminum framed, dual paned fixed units.

INTERIORS:
Partition wall types include painted gypsum/drywall. Most ceilings are a combination of T-bar 2'x4' acoustical tile in metal grids and open to metal frame and pan deck. Flooring in high traffic areas is epoxy coated concrete. Other flooring is carpet. Interior doors are generally solid wood in metal frames using lever and panic type hardware. The rest rooms have tile floors with a tile wainscot using a painted hard lid. The toilet partitions are solid surface resin.

MECHANICAL:
The heating and cooling for the building are a hydronic system. The chilled and heated water is delivered to the building through pipes, pumps, and control valves sourced from central plant. The cooled water is delivered to four Air Handling Units (AHU). The conditioned air is delivered through a network of sheet metal ducting to Variable Air Volume (VAV) terminal units. The VAV's are outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). The server room uses a mini split system for cooling. Fresh air is supplied by the air handling units. The roof mounted exhaust fan is installed to provide ventilation in bathrooms and the rest of the building.

ELECTRICAL:
The electrical system uses a 150 KVA transformer that delivers 1600 amps of 480/277 volt power and 600 amps of 120/208 volt, 3 phase, 4 wire power to the facility through distribution board that deliver power to the buildings subpanels. LCS lighting is T-8 type lighting fixtures using a combination of motion sensors, switches, electric switching and typical switches and outlets. Emergency lights are present. Emergency exit signs are present and typically illuminated. A night light circuit is present throughout the facility. Emergency power is on a battery backup system. The building has an Elevator for second floor access.

PLUMBING:
Plumbing fixtures are porcelain type with upgrades as needed for maintenance needs using the buildings copper piping with main and isolation valves that are mostly original to construction. The operation toilets, sinks, and urinals are automated. Domestic hot water is supplied by two Rudd 100 gallon, 199,000 BTU. gas fired hot water heater using a 1/6 HP circulation pump with mixing valves.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm and Alert system consists of a GE-EST panel and horns and strobes annunciators. The system is activated by pull stations, the campus Police and/or smoke detectors and is centrally monitored. A security system is present. The building does have a fire sprinkler system. Fire extinguishers are present. The building has a ASL system. The campus has emergency phones around the campus.

Hazmat.
Nothing was noted from the 2021 asseessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

55 - 81- POND SHELTER

Facility Type:	Building	**Estimate Cost :**	$7,960.13
Gross Area (SF):	260	**Additional Cost:**	$4,564.38
Year Built:	1967	**Repair Cost:**	$12,524.51
Last Renovation:	N/A	**Replacement Value:**	$8,562.45
		FCI:	146.27

POND SHELTER 55 (81)

Pond shelter, 81 is a 1 story shade building located at the Mt. San Antonio College in Walnut, California. The 1-story, 260 square foot building contains a shade building. Originally constructed in 1986 with no major remodels to date, 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with a replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building is wood framed with an asphalt shingle roof.

INTERIORS:
None.

MECHANICAL/PLUMBING
None.

ELECTRICAL:
None.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None.

Hazmat.
None.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

56 - 82- LAKE SHELTER

Facility Type:	Building	**Estimate Cost :**	$7,960.13
Gross Area (SF):	260	**Additional Cost:**	$4,564.38
Year Built:	1967	**Repair Cost:**	$12,524.51
Last Renovation:	N/A	**Replacement Value:**	$8,562.45
		FCI:	146.27

LAKE SHELTER 82

Lake Shelter Building 82 is a 1 story shade building located at the Mt. San Antonio College in Walnut, California. The 1-story, 260 square foot building contains a shade building. Originally constructed in 1986 with no major remodels to date, 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with a replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building is wood framed with an asphalt shingle roof.

INTERIORS:
None.

MECHANICAL/PLUMBING
None.

ELECTRICAL:
None.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None.

Hazmat.
None.

Deficiencies:

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

57 - 83- HAWKINS AMPHITHEATER

Facility Type:	Building	**Estimate Cost :**	$4,358.21
Gross Area (SF):	130	**Additional Cost:**	$2,499.02
Year Built:	1986	**Repair Cost:**	$6,857.23
Last Renovation:	N/A	**Replacement Value:**	$15,645.29
		FCI:	43.83

HAWKINS AMPATHEATER 83

Hawkins amphitheater Building, 83 is a 1 story shade building located at the Mt. San Antonio College in Walnut, California. The 1-story, 120 square foot building contains a shade shelter. Originally constructed in 1986 with no major remodels to date, 2021 A major remodel consists of but is not limited to a full gut face to stud remodel with a replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building is wood framed with an asphalt shingle roof.

INTERIORS:
None.

MECHANICAL/PLUMBING
None.

ELECTRICAL:
None.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None.

Hazmat.
None.

Deficiencies:

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

58 - 84- PETERSEN AMPHITHEATER

Facility Type:	Building	**Estimate Cost :**	$27,624.35
Gross Area (SF):	824	**Additional Cost:**	$15,839.96
Year Built:	2001	**Repair Cost:**	$43,464.31
Last Renovation:	N/A	**Replacement Value:**	$99,167.06
		FCI:	43.83

Peterson amphitheater 58

Petersen Amphitheater Building, 58 is a 1 story shade building located at the Mt. San Antonio College in Walnut, California. The 1-story, 800 square foot building contains a shade building. Originally constructed in 2000 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with a replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building is wood framed with an asphalt shingle roof all of original vintage..

INTERIORS:
None.

MECHANICAL/PLUMBING
None.

ELECTRICAL:
None.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None.

Hazmat.
None.

Deficiencies:

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

104 - 104- BRACKETT FIELD

Facility Type:	Building	**Estimate Cost :**	$949,291.62
Gross Area (SF):	7613	**Additional Cost:**	$544,329.06
Year Built:	1991	**Repair Cost:**	$1,493,620.68
Last Renovation:	N/A	**Replacement Value:**	$1,992,194.89
		FCI:	74.97

BRACKETT FIELD 104

Brackett Field Building 104 is located at Bracket field airport 1615 McKinley Ave. in La Verne CA, as part of the Mt. San Antonio College in Walnut, California. The single story, 7,613 square foot Butler type building contains airport hangar, classrooms, and offices. Originally constructed in 1991 there have been no major renovations to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade. The main structure is a Butler type building using metal framing, siding, and roof. The building is a full metal Butler type building. Exterior entrance doors are typically hollow metal in hollow metal jambs using lever type hardware. The windows in this building are aluminum framed dual pane units.

INTERIORS:
Partition wall types include painted gypsum in the office area. The interiors of exterior walls in the hanger are open to metal framing. The interior wall finishes are generally painted in office area. Most ceilings are 12"x12" glue on acoustical tiles in office area and open to framing in hanger area. Flooring in high traffic areas is vinyl tile. Most other flooring is exposed concrete. Interior doors are generally solid wood in metal jambs using lever type hardware. The restrooms have tile floors with FRP wainscot with painted gypsum ceilings

MECHANICAL:
Heating in the hanger area is by ceiling hung Modine natural gas units. There is no cooling in hanger area. Heating and cooling in the office area is provided by an Amana split system. The heating and cooling distribution system is a single -zone duct system. The ceiling mounted exhaust fan is installed to provide ventilation in bathrooms.

ELECTRICAL:
The electrical system is fed from the airport power to this building that delivers 120/240-volt, 3 phase, 4 wire power to the facility through one, 225-amp distribution board. The distribution board delivers power to the buildings sub-panels. Lighting has been upgraded to T-8 lighting fixtures in office and 225-watt metal halide in hanger area using typical switching and outlets. Some T-12 lighting is present. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

PLUMBING: Plumbing fixtures are original type with upgrades as needed maintenance needs. Copper piping is present with main and isolation valves that appear original to construction. Domestic hot water is supplied by one, 5 gal. gas hot water heater. Drinking fountains are present. Eye rinse station is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of horns, strobes, and annunciators. The system is activated by smoke detectors, pull stations, and is monitored by a Silent knight panel reporting to airport security.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

327 - 327-WEST COUNSELING OFFICES A

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	1980	**Additional Cost:**	$.00
Year Built:	2021	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$697,086.33
		FCI:	0.00

WEST COUNSELING OFFICES 327

West Counseling Building 327 is located at Mt. San Antonio College in Walnut CA. This is a single story modular constructed building measuring 1,980 square foot. The primary fiction if office and counseling spaces. The building was set in 2020 and has not had any renovations or remodels as of the assessment of 2021.

STRUCTURAL / EXTERIOR CLOSURE:
The building is a metal framed with stucco finished prefabricated structure walls. The building is set on a slab on grade pad. The roof is a metal framed with a EPDM rolled roofing system. The windows are dual panel aluminum framed. Entrance doors are metal in metal jambs with leaver type hardware.

INTERIORS:
Partition walls are drywall construction with painted surfaces. The ceiling is a metal framed acoustical dropped celling system. The flooring is a combination of VCT and carpeting. The interior doors are wood in metal jambs with lever type hardware.

MECHANICAL:
Heating and cooling are provided by self-contained package constant volume units. The systems are controlled a monitored by a Building Automation System (BAS).

ELECTRICAL:
Power is supplied to the building from an underground source. The power is delivered through appropriate conduits and conductors to a power distribution panel. The power is divided up into engineered circuits with appropriately rated circuit protection conduits and conductors. Lighting interior is LED with motion IR sensors switching.

PLUMBING:
Standard porcelain toilet, and sink are in place with automatic flushing and faucet operations. One water heater is present with a circulation pump.

FIRE LIFE SAFETY:
The fire alarm system consists of strobe annunciators. The system is activated by a flow switch, pull stations and smoke detectors are in centrally monitored by a GE-EST panel reporting to security. The building has a fire sprinkler system. Fire extinguishers are present. A security alarm and video monitoring system are present.

HAZMAT:
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

329 - 329-WEST COUNSELING OFFICES B

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	1980	**Additional Cost:**	$.00
Year Built:	2021	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$697,086.33
		FCI:	0.00

WEST COUNSELING OFFICES 329

West Counseling Building 329 is located at Mt. San Antonio College in Walnut CA. This is a single story modular constructed building measuring 1,980 square foot. The primary fiction if office and counseling spaces. The building was set in 2020 and has not had any renovations or remodels as of the assessment of 2021.

STRUCTURAL / EXTERIOR CLOSURE:
The building is a metal framed with stucco finished prefabricated structure walls. The building is set on a slab on grade pad. The roof is a metal framed with a EPDM rolled roofing system. The windows are dual panel aluminum framed. Entrance doors are metal in metal jambs with leaver type hardware.

INTERIORS:
Partition walls are drywall construction with painted surfaces. The ceiling is a metal framed acoustical dropped celling system. The flooring is a combination of VCT and carpeting. The interior doors are wood in metal jambs with lever type hardware.

MECHANICAL:
Heating and cooling are provided by self-contained package constant volume units. The systems are controlled a monitored by a Building Automation System (BAS).

ELECTRICAL:
Power is supplied to the building from an underground source. The power is delivered through appropriate conduits and conductors to a power distribution panel. The power is divided up into engineered circuits with appropriately rated circuit protection conduits and conductors. Lighting interior is LED with motion IR sensors switching.

PLUMBING:
Standard porcelain toilet, and sink are in place with automatic flushing and faucet operations. One water heater is present with a circulation pump.

FIRE LIFE SAFETY:
The fire alarm system consists of strobe annunciators. The system is activated by a flow switch, pull stations and smoke detectors are in centrally monitored by a GE-EST panel reporting to security. The building has a fire sprinkler system. Fire extinguishers are present. A security alarm and video monitoring system are present.

HAZMAT:
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

730 - 730- CHAMPION PARKING STRUCTURE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	328593	**Additional Cost:**	$.00
Year Built:	2020	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$28,883,322.56
		FCI:	0.00

THE PARKING STRUCTURE 730

The Parking Structure 730 is located at Mt. San Antonio College in Walnut CA his is a multi-level parking structure.

This space was still under construction during the 2021 assessment*

STRUCTURE AND EXTERIOR:

ROOF:

EXTERIOR CLOSURE:

INTERIOR:

MECHANICAL:

ELECTRICAL:

PLUMBING:

FIRE PROTECTION/LIFE SAFETY SYSTEMS:

Hazmat:

Report Generated: 06/10/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

734 - 734-TENNIS COURT RESTROOMS

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	867	**Additional Cost:**	$.00
Year Built:	2020	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$433,510.34
		FCI:	0.00

TENNIS COURT RESTROOMS 734

Tennis Court Restroom Building 734 is located at the Mt. San Antonio College in Walnut, California. The single story 867 square foot building. Originally constructed in 2020 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building is a CMU constructed building sitting on the parking structure top level adjacent to the tennis courts. Metal framed pan deck roof with a rolled EPDM roofing system.

INTERIORS:
Interior walls are tile. The flooring is a combination of tile and sealed concrete surfaces depending on usage. The walls are tile and or CMU depending on usage of the space. The ceilings are dry wall hard lid and or exposed to pan decking. The interior partition walls are solid surface resin style panels.

MECHANICAL:
The mechanical equipment for this space is comprised of roof top exhaust fans.

ELECTRICAL:
The electrical system is fed from another location that is providing power to the building for lighting and outlets.

PLUMBING:
The fixtures are standard porcelain type toilets, sinks, and urinals. The faucets and valving for the toilets and urinals are all motion IR actuated. There is one hot water heater present with a circulation pump. A janitorial floor sink is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

736 - 736-STADIUM BROADCAST

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	580	**Additional Cost:**	$.00
Year Built:	2020	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$223,469.20
		FCI:	0.00

STADIUM BROADCAST 736

Stadium Broadcast Building 736 is located at the Mt. San Antonio College in Walnut, California. The single story 580 square foot building. Originally constructed in 2020 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building is a CMU constructed building sitting on the parking structure top level adjacent to the tennis courts and restroom. Metal framed pan deck roof with a rolled EPDM roofing system.

INTERIORS:
Interior walls are CMU. The flooring is sealed concrete surfaces. The walls are CMU. The ceilings are exposed to pan decking.

MECHANICAL:
There is a mini split system present for cooling of broadcast equipment.

ELECTRICAL:
The electrical system is fed from another location that is providing power to the building for lighting and outlets.

PLUMBING:
There is no plumbing services present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

742 - 742-STADIUM FIELD HOUSE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	89660	**Additional Cost:**	$.00
Year Built:	2020	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$20,602,248.47
		FCI:	0.00

STADIUM FIELD HOUSE 742

Stadium Field House Building 742 is located at the Mt. San Antonio College in Walnut, California. The four story 54,399 square foot building. Originally constructed in 2020 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems. This building has a mixes usage from press boxes, classrooms, physical training room, weigh training, team rooms, locker rooms, and staff offices.

STRUCTURAL/EXTERIOR CLOSURE:
This building is a slab on grade construction with a steel framing CMU and concrete walls. Doors are metal with glass in metal frames. The roofing a metal framed pan deck construction with an EPDM rolled roofing system. Windows are tinted dual pane in metal frames.

INTERIORS:
Interior walls are a combination of CMU, concrete, and dry wall. The ceilings are a combination of acoustical drop ceiling systems as well as dry wall hard lid and open exposed to decking all depending on space usage. Flooring in the building also varies based on usage from sealed concrete, VCT, carpet, as well as rubber sport matting in the weight rooms. Restrooms are tile flooring, tile walls, and dry wall ceilings. The restroom partitions are solid surface resin style dividers.

MECHANICAL:
The heating and cooling for the building is a hydronic system. The hot water is provided by two on-site boilers outfitted with pumps, piping, and control valving. The chilled water is provided to the building from the central plant. The conditioned water is delivered to the Air Handling Units (AHU). The AHU then delivers the conditioned air trough a newt work of sheet metal ducting to Variable Air Volume (VAV) terminal units that are outfitted with hot water re-heat coils. The mechanical systems are controlled and monitored by a Building Automation System (BAS). Additional heating and cooling are provided by Variable Refrigerant Flow (VRF) systems to the press boxes and critical environmental conditioned spaces. Exhaust fans are present for proper locker room and rest room ventilation.

ELECTRICAL:
The electrical system is fed to the building from the power supplier from underground. The power is supplied through the proper conductors and conduits to the power distribution panels. The power is then distributed through proper circuit protection devices, conductors, conduits, and transformers to deliver the rated power supplies to the devices needed to operate the building. The lighting in the building is supplied by a lighting control system to LED outfitted fixtures and standard wall outlets.

PLUMBING:
Plumbing fixtures are standard porcelain style urinals, toilets, and sinks. The valve actuation for the toilets, urinals, and sinks are all infrared motion detection. There are hot water heaters present outfitted with circulation pumps. Boilers are present with hot water storage capacity for the locker room showers.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobes and annunciators. The system is activated by a flow switch, pull stations and smoke detectors are in centrally monitored by a panel reporting to security. The building has a fire sprinkler system. Fire extinguishers are present. A security alarm and video monitoring system are present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

746 - 746-STADIUM CONCESSIONS + TICKETING

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	2912	**Additional Cost:**	$.00
Year Built:	2020	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$1,121,969.50
		FCI:	0.00

STADIUM CONCESSIONS AND TICKETING 746

Stadium Concessions, Ticketing Building 746 is located at the Mt. San Antonio College in Walnut, California. The single story 2,912 square foot building. Originally constructed in 2020 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building is a slab on grade construction with a steel framing CMU and concrete walls. Doors are metal with glass in metal frames. The roofing a metal framed pan deck construction with an EPDM rolled roofing system. Windows are tinted dual pane in metal frames.

INTERIORS:
Interior walls are a combination of CMU, concrete, and dry wall. The ceilings are a combination of acoustical drop ceiling systems as well as dry wall hard lid and open exposed to decking all depending on space usage. Flooring in the building also varies based on usage from sealed concrete, VCT, and carpet.

MECHANICAL:
Heating and cooling are provided by three roof top constant volume package units. The mechanical systems are controlled and monitored by a Building Automation System (BAS). There are roof top exhaust fans present for proper ventilation.

ELECTRICAL:
The electrical system is fed to the building from the power supplier from underground. The power is supplied through the proper conductors and conduits to the power distribution panels. The power is then distributed through proper circuit protection devices, conductors, conduits, and transformers to deliver the rated power supplies to the devices needed to operate the building. The lighting in the building is supplied by a lighting control system to LED outfitted fixtures and standard wall outlets.

PLUMBING:
Plumbing fixtures are standard porcelain style urinals, toilets, and sinks. The valve actuation for the toilets, urinals, and sinks are all infrared motion detection. There are hot water heaters present outfitted with circulation pumps.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobes and annunciators. The system is activated by a flow switch, pull stations and smoke detectors are in centrally monitored by a panel reporting to security. The building has a fire sprinkler system. Fire extinguishers are present. A security alarm and video monitoring system are present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

748 - 748-STADIUM RESTROOMS NORTH

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	2490	**Additional Cost:**	$.00
Year Built:	2020	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$1,245,029.69
		FCI:	0.00

STADIUM RESTROOM NORTH 748

Stadium Restroom North Building 748 is located at the Mt. San Antonio College in Walnut, California. The single story 2,490 square foot building. Originally constructed in 2020 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building is a slab on grade CMU constructed building. Metal framed pan deck roof with a rolled EPDM roofing system. Exterior doors are metal in metal frames.

INTERIORS:
Interior walls are tile. The flooring is a combination of tile and sealed concrete surfaces depending on usage. The ceilings are dry wall hard lid and or exposed to pan decking. The interior partition walls are solid surface resin style panels.

MECHANICAL:
The mechanical equipment for this space is comprised of roof top exhaust fans.

ELECTRICAL:
The electrical system is fed from another location that is providing power to the building for lighting and outlets.

PLUMBING:
The fixtures are standard porcelain type toilets, sinks, and urinals. The faucets and valving for the toilets and urinals are all motion infrared actuated. There is one hot water heater present with a circulation pump. A janitorial floor sink is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobes and annunciators. The system is activated by a flow switch, pull stations and smoke detectors are in centrally monitored by a panel reporting to security. The building has a fire sprinkler system. Fire extinguishers are present.

Hazmat.
Nothing noted from the 2021 assessment.

Report Generated: 06/10/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

752 - 752-STADIUM RESTROOMS EAST

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	23488	**Additional Cost:**	$.00
Year Built:	2020	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$11,744,280.02
		FCI:	0.00

STADIUM RESTROOM EAST 752

Stadium Restroom East Building 752 is located at the Mt. San Antonio College in Walnut, California. The single story 1,126 square foot building. Originally constructed in 2020 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building is a slab on grade CMU constructed building. Metal framed pan deck roof with a rolled EPDM roofing system. Exterior doors are metal in metal frames.

INTERIORS:
Interior walls are tile. The flooring is a combination of tile and sealed concrete surfaces depending on usage. The ceilings are dry wall hard lid and or exposed to pan decking. The interior partition walls are solid surface resin style panels.

MECHANICAL:
The mechanical equipment for this space is comprised of roof top exhaust fans.

ELECTRICAL:
The electrical system is fed from another location that is providing power to the building for lighting and outlets.

PLUMBING:
The fixtures are standard porcelain type toilets, sinks, and urinals. The faucets and valving for the toilets and urinals are all motion infrared actuated. There is one hot water heater present with a circulation pump. A janitorial floor sink is present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobes and annunciators. The system is activated by a flow switch, pull stations and smoke detectors are in centrally monitored by a panel reporting to security. The building has a fire sprinkler system. Fire extinguishers are present.

Hazmat.
Nothing noted from the 2021 assessment.

Report Generated: 06/10/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

179 - 754 - ATHLETIC STORAGE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	9595	**Additional Cost:**	$.00
Year Built:	2010	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$2,510,851.17
		FCI:	0.00

0179., Athletic storage Building No 51, is located at the Mt. San Antonio College in Walnut, California. The 1- story, 14,158 square foot building. Originally constructed at this site in 2010 with no major remodels to date, 2016. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using metal framing, siding and roof. The roof is metal of original vintage. Exterior entrance doors are metal in metal jambs using lever handles. Windows were not noted. Metal roll up doors are present.

INTERIORS:
Walls and ceilings are exposed to metal framing. Flooring is concrete. There are no restrooms in this building.

MECHANICAL/PLUMBING
Heating and Cooling is not present. There is no plumbing in this building other than exterior hose bibs. Ventilation is provided by infiltration using roof turbans.

ELECTRICAL:
The electrical system is fed from a under ground campus sub station to a transformer that delivers 400 amps of 120/240 volt, 3 phase, 4 wire power to the facility. The distribution board delivers power to the buildings sub-panels. LCS (blue box) lighting is typically T-8 using electric switching. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
A fire alarm system was not noted.

Hazmat.
None noted.

Deficiencies:

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

758 - 758-STADIUM SCOREBOARD

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	366	**Additional Cost:**	$.00
Year Built:	2020	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$89,972.76
		FCI:	0.00

STADIUM SCOREBOARD 758

Stadium Scoreboard 758 is located at the Mt. San Antonio College in Walnut, California. The multi story 366 square foot building. Originally constructed in 2020 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building is a slab on grade steel constructed building. Metal framed roof with a rolled EPDM roofing system. Exterior doors are metal in metal frames.

INTERIORS:
Interior is raw to metal construction there are no finishes in the interior. Flooring is expanded metal grates.

MECHANICAL:
Exhaust fans are present for air circulation of the electronics.

ELECTRICAL:
The electrical system is fed from another location that is providing power to the building for lighting and outlets.

PLUMBING:
No plumbing is present for this building.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of strobes and annunciators. The system is activated by a flow switch, pull stations and smoke detectors are in centrally monitored by a panel reporting to security. The building has a fire sprinkler system. Fire extinguishers are present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

890 - 890- GATEWAY PARKING STRUCTURE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	370600	**Additional Cost:**	$.00
Year Built:	2021	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$32,575,737.59
		FCI:	0.00

Report Generated: 06/10/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

22 - BH- BLOCK HOUSE

Facility Type:	Building	**Estimate Cost :**	$643,983.43
Gross Area (SF):	1166	**Additional Cost:**	$369,263.66
Year Built:	1965	**Repair Cost:**	$1,013,247.09
Last Renovation:	N/A	**Replacement Value:**	$992,597.47
		FCI:	102.08

BLOCK HOUSE 22

Block House Building 22 is located at the Mt. San Antonio College in Walnut, California. The 1- story, 1,166 square foot building contains electrical vault. Originally constructed at this site in 1965 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The main structure is CMU, concrete masonry units. The roof is rolled asphalt and gravel of unknown vintage. Exterior doors ae metal in metal jambs using dead bolts.

INTERIORS:
Interior walls are exposed to CMU. Flooring is concrete.

MECHANICAL/PLUMBING:
None.

ELECTRICAL:
Power is fed to the campus from this building using a combination of switches and transformers providing 12000 volts to a combination of campus sub stations. Lighting is typically T-8 Fluorescent using typical switches and outlets. Exterior lighting is CFLs

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire control system consists of strobe annunciators located in common places. The system is activated by pull stations and smoke detectors and is centrally monitored reporting to security.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

49 - EC- EMERGENCY COMMUNICATIONS SHED

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	96	**Additional Cost:**	$.00
Year Built:	2018	**Repair Cost:**	$.00
Last Renovation:	2020	**Replacement Value:**	$24,536.97
		FCI:	0.00

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DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

81 - F1- HORTICULTURE UNIT

Facility Type:	Building	**Estimate Cost :**	$65,923.19
Gross Area (SF):	915	**Additional Cost:**	$37,800.72
Year Built:	1959	**Repair Cost:**	$103,723.91
Last Renovation:	N/A	**Replacement Value:**	$89,475.88
		FCI:	115.92

HORTICULTURE UNIT 81 (F1)

Horticulture Unit Building 81 (F-1) is located at the Mt. San Antonio College in Walnut, California. The single story 915 square foot building contains classrooms, labs, and offices. Originally constructed in 1959 there have been no major renovations to date 2021. There is a green house on the back of this building. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on slab-on-grade, with concrete footings, and foundation walls. The main structure is wood framing and wood siding on the exterior walls and plastic single pane units in metal frames. Roof framing is wood. The roof is asphalt shingle type. Exterior entrance doors are typically metal in metal frames using lever type hardware. The windows in this building are glass and plastic in wood frames and metal frames.

INTERIORS:
Partitions in the building are exposed to wood framing. The interiors of exterior walls are typically open to framing. The interior wall finishes are generally all painted. Most ceilings are open to framing. Flooring in high traffic areas is concrete and or gravel. Interior doors are generally wood in wood frames using knob type hardware. No rest rooms are present.

MECHANICAL:
The heating is provided by two ceiling hung natural gas forced air units. Cooling is supplied in this building by two evaporative units.

ELECTRICAL:
The original electrical system is fed from another location to this building 50-amp 120/240 volt 1-phase 3-wire power to local distribution panel. Lighting is T-8 florescent using typical switches and outlets. A few incandescent are present. Exterior lighting is metal halide.

PLUMBING:
The building has a water fountain and porcelain sinks using PVC and copper and some galvanized piping. Domestic hot water is provided by a under sink mounted 10-gallon eclectic water heater.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The building has no fire alarm system but does have fire extinguishers. The building does not have a fire sprinkler system.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

94 - F1A- SHERMAN PARK RESTROOMS

Facility Type:	Building	**Estimate Cost :**	$101,217.39
Gross Area (SF):	310	**Additional Cost:**	$58,038.62
Year Built:	1973	**Repair Cost:**	$159,256.01
Last Renovation:	1973	**Replacement Value:**	$155,003.70
		FCI:	102.74

0223;
Sherman Park rest room, is located at the Mt. San Antonio College in Walnut, California. The 1-story, 310 square foot building. Originally constructed in 1973 with no major remodels to date, 2016. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building was not in space inventory during the 2016 assessment. The building rest on a concrete slab on grade using CMU walls. Exterior doors are metal in metal jambs. The roof is wood framed with a rolled asphalt roof.

INTERIORS:

MECHANICAL/PLUMBING:

ELECTRICAL:
The electrical system is fed from another location that is providing power to the building

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

Deficiencies:

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

82 - F2A- FARM OFFICES

Facility Type:	Building	**Estimate Cost :**	$496,491.70
Gross Area (SF):	2120	**Additional Cost:**	$284,691.08
Year Built:	1971	**Repair Cost:**	$781,182.78
Last Renovation:	2002	**Replacement Value:**	$554,768.57
		FCI:	140.81

FARM OFFICES 82 (F2A)

Farm Offices Building 82 (F2A) is located on the campus of Mt. San Antonio College in in Walnut, California. The 2,120 square foot building contains offices. This building also serves as an anchorage point for an adjacent fabric shade structure. Originally constructed in 1971. Renovations have been made, converting field building into office space with no major remodels to date 2021. A major remodel consists of but is not limited to full gut face to stud remodel with a replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using footings. The main structure is a Butler type steel frame building. Exterior walls are metal siding. The roof is metal. Exterior doors and frames are typically metal in metal frames using knobs. An overhead door on the east end has been abandoned. Windows are aluminum framed, single paned wire glass fixed and operational units.

INTERIORS:
Partition walls are painted plywood and or drywall. The interior wall finishes are mostly painted. Flooring is a combination of VCT and carpet. Other flooring is concrete. Ceilings are mostly suspended 2'x 4' T-bar type acoustical tile or exposed to metal framing. Interior doors are wood in metal frames using knob hardware. The rest rooms have painted concrete floors with painted gypsum walls and ceiling with metal toilet partitions.

MECHANICAL:
Heating and Cooling are provided by gas fired constant volume package units.

ELECTRICAL:
The electrical system is fed from Sub-Station 26 to the facility through one, 125 Amp 120/208-volt, 3 phase, 4 wire distribution board. The distribution board delivers power to the buildings sub-panels. Lighting is T-8 lighting fixtures using a LCS with typical switches and outlets. Emergency lights and exit signs are present.

PLUMBING:
Plumbing fixtures are original type and maintained functional using the buildings copper piping is with main and isolation valves that are maintained functional. Domestic hot water is supplied by one 40 gal. 34,000 BTU gas hot water heater.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of bells. The system is activated by pull stations and is centrally monitored.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

83 - F2B- HORTICULTURE STORAGE

Facility Type:	Building	**Estimate Cost :**	$399,535.31
Gross Area (SF):	1706	**Additional Cost:**	$229,095.75
Year Built:	1960	**Repair Cost:**	$628,631.06
Last Renovation:	N/A	**Replacement Value:**	$446,431.69
		FCI:	140.81

HORTICULTURE STORAGE 83 (F2B)

The Horticulture Storage Building 83 (F2B) is located on the campus of Mt San Antonino College in Walnut, California. The single story 1,706 square foot building contains storage for horticulture. This building also serves as an anchorage point for an adjacent fabric shade structure. Originally constructed in 1960 there have been no additions or major renovations to date 2021 A major remodel consists of but is not limited to full gut face to stud remodel with a replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on slab on grade and footings that are showing no signs of settlement or damage. The main structure is a wood frame building. Exterior walls are metal siding. The roof is metal. Flooring is concrete, asphalt, and dirt. Exterior doors and frames are typically metal in metal frames. Exterior doors or horizontal sliders. Openings in the exterior are protected with wire mesh.

INTERIORS:
The interior is exposed structure and unfinished slab on grade and earth.

MECHANICAL/PLUMBING
This building has no Heating, Ventilation, Cooling, or Plumbing.

ELECTRICAL:
This building has a 60-amp distribution panel for limited incandescent lighting.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
This building has no fire alarm, security, or fire sprinkler systems but does have fire extinguishers.

Hazmat:
Nothing was noted from the 2021 assessment.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

95 - F2C- IRRIGATION/LANDSCAPE

Facility Type:	Building	**Estimate Cost :**	$369,378.94
Gross Area (SF):	7040	**Additional Cost:**	$211,803.93
Year Built:	1960	**Repair Cost:**	$581,182.87
Last Renovation:	N/A	**Replacement Value:**	$688,426.46
		FCI:	84.42

IRRIGATION LANDSCAPE 95 (F2C)

Irrigation/Landscape Building 95 (F2C) is located at the Mt. San Antonio College in Walnut, California. The singel tory, 7,040 square foot building. Originally constructed in 1960 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade using wood framing. The building has a metal roof and siding of original vintage.

INTERIORS:
Exposed to building.

MECHANICAL/PLUMBING
There is a 3/4" backflow preventer.

ELECTRICAL:
The electrical system is fed from sub station 26 that provides power to the building.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
Nothing noted from the 2021 assessment.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

84 - F3- EQUIPMENT BARN

Facility Type:	Building	**Estimate Cost :**	$112,964.08
Gross Area (SF):	6338	**Additional Cost:**	$64,774.22
Year Built:	2003	**Repair Cost:**	$177,738.30
Last Renovation:	N/A	**Replacement Value:**	$619,779.39
		FCI:	28.68

EQUIPMENT BARN 84 (F3)

The Equipment Barn Building 84 (F3) is located at the Mt. San Antonio College in Walnut, California. The single story 6,338 square foot building contains storage. Originally constructed in 2003 with no major remodels to date 2021. A major remodel consists of but is not limited to full gut face to stud remodel with a replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade. The main structure is a full metal building with metal framing and siding and roof. Exterior entrance doors are typically metal in metal jambs using lever hardware. There are windows at the rear of building, metal single pane fixed units.

INTERIORS:
Partition wall types include hard board. The interior walls are typically painted. Most ceilings are open to framing. Flooring in high traffic areas is exposed concrete. Interior doors are generally wood in wood frames using lever type hardware.

MECHANICAL/PLUMBING
Heating is provided by a ceiling hung electric units using typical thermostats. There is no plumbing in this building other than hose bibs.

ELECTRICAL:
The electrical system is fed from the campus transformer that delivers 400 amps of 208/120 volt, 3 phase, 4 wire power to the facility. The distribution board delivers power to the building subpanels.
Lighting is T-8 and 250 suspended metal halide lighting fixtures.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None. The building has fire extinguishers.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

85 - F3A- OLD DAIRY UNIT

Facility Type:	Building	**Estimate Cost :**	$843,878.65
Gross Area (SF):	2209	**Additional Cost:**	$483,884.68
Year Built:	1971	**Repair Cost:**	$1,327,763.33
Last Renovation:	N/A	**Replacement Value:**	$1,058,489.47
		FCI:	125.44

0071; The Companion Animal Unit, Building No. F3-A, is located on the campus of Mt San Antonio College in Walnut, California. The 1-story, 2,666 square foot building contains offices, a cooler, and a semi-enclosed dairy demonstration area. Originally constructed in 1971, there have been no additions or major renovations.

This building is not in use at this time, 2021

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on footings and slab on grade that are original to construction. The main structure is a wood frame and cast in place/CMU building. Exterior walls are plaster roofing is metal. The building has not been re-roofed. Exterior doors and frames vary, but are typically metal (steel or aluminum) in hollow metal frames using knob type hardware. Windows are aluminum framed, single paned wire glass fixed and operational units.

INTERIORS:
Partition walls are plywood and or plaster. The interior wall finishes are painted and mostly original to construction. Flooring is typically concrete. Ceilings are mostly painted plaster and or exposed to wood framing. Interior doors are wood in wood frames using knob type hardware. The rest rooms have concrete floors with lath and plaster walls and ceilings.

MECHANICAL/PLUMBING
This building has no Heating or Cooling. The building has door fans to keep flies out. Ventilation is provided for the building and rest rooms by roof mounted exhaust fans. The plumbing is supplied by galvanized piping with typical fixtures, stainless and porcelain sinks and typical toilets. There are hose bibs for watering.

ELECTRICAL:
The electrical system is fed from Sub-Station 26 to the facility through (1) one, original 200 Amp 120/208 volt, 3 phase, 4 wire distribution board. The distribution board delivers power to the buildings sub-panels. Lighting typically T-12 and incandescent lighting fixtures.. Emergency battery pack exit signs are not present. A night light circuit is not present. The building does not have emergency power.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
This building has fire alarm that consist's of bells that are activated by pull stations and is not centrally monitored. The building does not have a security, or fire sprinkler system.

Hazmat.
Due to vintage of construction asbestos and or lead based paints may be present.

Deficiencies:
1 Replace building and all systems!

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

86 - F4A- SWINE MARKET PENS

Facility Type:	Building	**Estimate Cost :**	$648,015.35
Gross Area (SF):	2767	**Additional Cost:**	$371,575.58
Year Built:	1971	**Repair Cost:**	$1,019,590.93
Last Renovation:	N/A	**Replacement Value:**	$724,077.66
		FCI:	140.81

SWINE MARKET PENS 86 (F4A)

The Swine Market Pen Building 86 (F4A) is located on the campus of Mt. San Antonio College in Walnut, California. The single story 2,767 square foot building contains a storage room and semi-enclosed pig pens. Originally constructed in 1971 there have been no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on concrete footings and a slab on grade using a 48" CMU steam wall that are original to construction. The main structure is a Glenco steel frame building. Exterior walls at the storage space are galvanized metal siding. Roofing is metal. The building has not been re-roofed. Exterior doors are metal in hollow metal frames using lever type hardware. There are no windows noted.

INTERIORS:
Partial height partition walls are CMU, buildings are exposed to metal walls. Flooring is sloping concrete. Ceilings are exposed structure.

MECHANICAL/PLUMBING
This building has no Heating, Ventilation. Cooling consists of evaporative unit. Plumbing system consists of copper piping one sewer ejection pump, and (8) animal water feeders and janitor type sink installed in 1971 with upgrades as needed for maintenance needs. Domestic hot water is provided by an electric water heater.

ELECTRICAL:
The mostly original electrical system is fed from one, 75 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility through one, 225 Amp distribution board. Lighting typically T8 lighting fixtures, illumination is generally adequate.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
Fire extinguishers are present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

87 - F4B- SWINE FARROWING HOUSE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	3667	**Additional Cost:**	$.00
Year Built:	2010	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$959,592.62
		FCI:	0.00

SWINE FARROWING HOUSE 87 (F4B)

The Swine Farrowing House Building 87 (F4B) is located at the Mt. San Antonio College in Walnut, California. This is a single story 3,667 square foot building. Originally constructed at this site in 2010 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on perimeter concrete footings using metal framing, siding, and roof. The roof is metal. Exterior entrance doors are metal in metal jambs using lever handles. Windows are aluminum framed dual pane fixed units.

INTERIORS:
Walls are exposed to painted gypsum and epoxy coated. Flooring is epoxy coated. The ceilings are exposed to painted gypsum. Interior doors are metal in aluminum jambs using lever handles. The rest rooms have grab bars with epoxy coated floors with painted gypsum walls and ceilings.

MECHANICAL:
Heating and Cooling are provided by a gas fired AAON roof top package unit and a Bard type heat pump.

ELECTRICAL:
The electrical system is fed from the underground campus substation to a transformer that delivers 400 amps of 120/208 volt, 3 phase, 4 wire power to the facility. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 using typical switching and outlets.

Plumbing:
Plumbing fixtures are porcelain type with upgrades as needed for maintenance needs. Domestic hot water is provided by in line instant hot tankless water heater unit. Copper piping is present. Rest room ventilation ceiling mounted fans. Building ventilation is provided by wall exhaust fan.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE EST 3 panel with horns annunciators and strobes. The system is activated by pull stations and smoke detectors and is centrally monitored. The building has a fire sprinkler system. Fire extinguishers are present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

88 - F5A- VIVARIUM

Facility Type:	Building	**Estimate Cost :**	$748,718.86
Gross Area (SF):	3197	**Additional Cost:**	$429,319.53
Year Built:	1971	**Repair Cost:**	$1,178,038.39
Last Renovation:	N/A	**Replacement Value:**	$836,601.48
		FCI:	140.81

VIVAIUM 88 (F5A)

The Vivarium Building 88 (F5A) is located at the Mt. San Antonio College in Walnut, California. This is a single story 3,193 square foot building. Originally constructed in 1971 there have been no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using footings. The main structure is a steel framed. Exterior walls use metal siding. The roof is metal of original construction. Exterior doors are typically metal in metal frames using knob and lever type hardware. There are large sliding doors of corrugated siding. Windows were not noted.

INTERIORS:
Partition walls are plywood and or drywall. Flooring is typically concrete and or VCT. Interior doors are wood in wood jambs using lever type hardware. Rest rooms were not noted.

MECHANICAL/PLUMBING
Heating and cooling are provided by two pad mounted heat pumps package units. The heating and cooling distribution system is a duct supply and return system. Galvanizing piping is present with main and isolation valves that are mostly original to construction. Plumbing for a typical residential type of bathtub, washer and dryer with upgrades as needed for maintenance needs. The domestic hot water is provided by an electric water heater.

ELECTRICAL:
The mostly original electrical system is fed from substation 25 to one, 125 KVA transformer that delivers 225 amps of 120/208 volt, 3 phase, 4 wire power to the facility 100-amp panel. Lighting is T-8 fixtures using motion switches with typical switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
There are fire extinguishers present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

89 - F5B- SMALL ANIMAL CARE UNIT

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	4186	**Additional Cost:**	$.00
Year Built:	2010	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$2,180,460.65
		FCI:	0.00

SMALL ANIMAL CARE UNIT 89 (F5B)

The Small Animal Care Unit Building 89 (F5B) is located at the Mt. San Antonio College in Walnut, California. The single story 4,186 square foot building. Originally constructed at this site in 2010 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using CMU walls with metal framing, siding, and roof. The roof is metal. Exterior entrance doors are metal in metal jambs using panic type hardware with dead bolts. Windows are metal dual pane fixed and operational.

INTERIORS:
Walls are exposed to CMU and or painted gypsum. Flooring is concrete. The ceilings are exposed to metal framing and or 2' x 2' T-bar type acoustic tiles with lighting, and air conditioning vents. The rest rooms have grab bars with tile floors using a tile wainscot with painted gypsum ceilings.

MECHANICAL:
Heating and Cooling are provided by gas fired constant volume package unit. Additional cooling is provided by two split systems and a window type air conditioning unit. Exterior heating in the pen area is provided by suspended electric inferred units.

ELECTRICAL:
The mostly electrical system is fed from the underground campus substation to a transformer that delivers 225 amps of 120/208 volt, 3 phase, 4 wire power to the facility. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 florescent using motion sensors and typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present.

PLUMBING:
Plumbing fixtures are porcelain type with upgrades as needed for maintenance needs. The upgrades consist of auto operation 1.6 GPF toilets. Domestic hot water is provided by a Universal 82-gallon 150,000 BTU water heater, using an expansion storage tank. The janitor sink is a floor mounted.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE EST 3 panel with horns annunciators and strobes. The system is activated by pull stations and smoke detectors and is centrally monitored. Fire extinguishers are present. Earthquake valve is present at gas line.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

90 - F6A- EQUINE BREEDING BARN

Facility Type:	Building	**Estimate Cost :**	$164,384.53
Gross Area (SF):	4106	**Additional Cost:**	$94,259.00
Year Built:	1998	**Repair Cost:**	$258,643.53
Last Renovation:	N/A	**Replacement Value:**	$1,074,471.59
		FCI:	24.07

EQUINE BREEDING BARN 90 (F6A)

The Equine Breeding Barn Building 90 (F6A), is located at the Mt. San Antonio College in Walnut, California. The single story 4,106 square foot building contains stalls. Originally constructed in 1998, there have been no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on metal post in concrete, with galvanized metal framing and walls that are original to construction. The main structure is a Butler type kit building. Roof framing is metal. Exterior entrance doors are typically metal in metal frames that slide open or closed. There are no windows in this building.

INTERIORS:
Partition wall types are open to metal framing. Most ceilings are open to framing. Flooring in high traffic areas is and interlocking block that was installed by the students, per staff. Most other flooring is dirt or concrete. Interior doors are generally solid wood in wood frames.

MECHANICAL/PLUMBING:
Heating and cooling are not provided in this building. There is limited plumbing using a stainless-steel sink and a 5-gallon electric water heater that is original to construction and a fiber glass sink.

ELECTRICAL:
The electrical system is fed from the campus substation to the buildings 100-amp distribution that delivers 120/208-volt, 3 phase, 4 wire power to the facility sub-panels. Lighting T8 lighting fixtures installed in 2002 using typical switches and outlets. Emergency battery pack lights are present. Emergency battery pack exit signs are present. Exterior lighting is metal halide.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The building does have fire extinguishers.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

98 - F6B- EQUINE MARE MOTEL

Facility Type:	Building	**Estimate Cost :**	$118,726.51
Gross Area (SF):	5528	**Additional Cost:**	$68,078.44
Year Built:	2000	**Repair Cost:**	$186,804.95
Last Renovation:	N/A	**Replacement Value:**	$496,589.28
		FCI:	37.62

EQUINE MARE MOTEL 98 (F6B)

Equine Mare Motel Building 98 (F6B) is located at the Mt. San Antonio College in Walnut, California. The single story 5,528 square foot building. Originally constructed in 2000 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building has an earth floor using metal framing and roof for shade for horses.

INTERIORS:

MECHANICAL/PLUMBING
There is water to the troughs.

ELECTRICAL:
The electrical system is fed from another location that providing power to the building

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
Nothing noted from the 2021 assessment.

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DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

91 - F6C- EQUINE HAY BARN

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	3495	**Additional Cost:**	$.00
Year Built:	2010	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$914,583.10
		FCI:	0.00

EQUINE HAY BARN 91 (F6C)

The Equine Hay Barn Building 91 (F6C) is located at the Mt. San Antonio College in Walnut, California. The single story 3,495 square foot building is originally constructed at this site in 2010 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using CMU walls with metal framing, siding and roof. Metal sliding doors are present Windows were not noted.

INTERIORS:
Walls are exposed to CMU. Flooring is concrete. The ceilings are exposed to metal framing. The rest rooms have grab bars with tile floors with a tile wainscot using a painted hard lid.

MECHANICAL/PLUMBING
Heating and cooling are not present. Ventilation is provided by infiltration, roof turbans, wall vents and ceiling mounted units in the rest rooms. Plumbing fixtures are of original type with upgrades as needed for maintenance needs. The upgrades consist of auto operational 1.6 GPF toilets. Domestic hot water for the building is provided by a Tankless unit and rest room is provided by in line instant flow units. Janitor sink is floor mounted. There are two horse showers.

ELECTRICAL:
The mostly electrical system is fed from the underground campus substation to a transformer that delivers 225 amps of 120/208 volt, 3 phase, 4 wire power to the facility. The distribution board delivers power to the buildings sub-panels. Lighting typically T-8 and metal halide using typical switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The fire alarm system consists of a GE EST 3 panel with horns annunciators and strobes. The system is activated by pull stations and smoke detectors and is centrally monitored. Fire extinguishers are present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

92 - F7- MOUNTIE MAKERSPACE

Facility Type:	Building	**Estimate Cost :**	$1,036,777.72
Gross Area (SF):	4427	**Additional Cost:**	$594,494.08
Year Built:	1971	**Repair Cost:**	$1,631,271.80
Last Renovation:	N/A	**Replacement Value:**	$1,158,471.92
		FCI:	140.81

MOUNTIE MAKERSPACE 92 (F7)

The Mountie Markerspace Building 92 (F7) is located at the Mt. San Antonio College in Walnut, California. The single story 4,427 square foot building. Originally constructed in 1971 there have been no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using footings. The main structure is steel framed. Exterior walls use metal siding. The roof is metal construction. Exterior doors and frames are typically metal in metal frames using knob type hardware, though there is one that is wood with a wood frame. There are large sliding doors using corrugated metal siding. Windows are steel framed, single paned fixed and operational units.

INTERIORS:
Partition walls are plywood and or drywall. Flooring is typically concrete and or VCT. Interior doors are a combination of wood in wood, metal in metal and wood in metal jambs using lever and knob type hardware. The rest rooms have grab bars with concrete floors with painted gypsum walls and ceilings in women's and tile wainscot in men's with metal toilet partitions.

MECHANICAL:
Heating is provided by ceiling hung units and window type heat pumps. Cooling is provided by window type A/C units and a split system. Galvanizing piping is present with main and isolation valves that are mostly original to construction.

ELECTRICAL:
The mostly original electrical system is fed from substation 25 to one, 125 KVA transformer that delivers 120/208-volt, 3 phase, 4 wire power, to the facility through one, 400-amp distribution board. Lighting is a combination of T-8, T-12 and F-40 lighting fixtures using motion sensors with typical switches and outlets. Emergency lights are present. Emergency exit signs are present.

PLUMBING:
Plumbing fixtures are 1.6 GPF toilets. 1 GPF urinals using typical sinks with upgrades as needed for maintenance needs. The domestic hot water is provided by a 10-gallon electric unit using galvanized copper piping.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
This building has a fire alarm present that is activated by pull stations and is centrally monitored. There are fire extinguishers present.

Hazmat.
Nothing was noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

99 - F8- HAY BARN

Facility Type:	Building	**Estimate Cost :**	$86,428.69
Gross Area (SF):	2823	**Additional Cost:**	$49,558.69
Year Built:	1971	**Repair Cost:**	$135,987.38
Last Renovation:	N/A	**Replacement Value:**	$92,968.48
		FCI:	146.27

HAY BARN 99 (F8)

The Hay Barn Building 99 (F8) is located at the Mt. San Antonio College in Walnut, California. The single story, 2,823 square foot building. Originally constructed in 1971 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This is a phone pole perimeter post with a wood framed roofing

INTERIORS:

MECHANICAL/PLUMBING
N/A

ELECTRICAL:
N/A

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

93 - F9- LIVESTOCK PAVILION

Facility Type:	Building	**Estimate Cost :**	$6,520.75
Gross Area (SF):	10974	**Additional Cost:**	$3,739.03
Year Built:	2003	**Repair Cost:**	$10,259.78
Last Renovation:	N/A	**Replacement Value:**	$2,871,712.42
		FCI:	0.36

LIVESTOCK PAVILION 93 (F9)

The Livestock Pavilion Building 93 (F9) located at the Mt. San Antonio College in Walnut, California. The single story 10,974 square foot building contains livestock. Originally constructed in 2003 with no additions or major renovations to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade, in half of the building and dirt floors in another half. The main structure is a full metal framed building with metal siding. The roof is of metal construction. The building has not been re-roofed. Exterior entrance doors are typically hollow metal in hollow metal frames using lever handles. There are no exterior windows in this building.

INTERIORS:
Partition wall types include painted gypsum for the interior built offices and rest rooms. The interiors of exterior walls are typically painted gypsum and open to metal framing. Most ceilings are painted gypsum and open to metal framing. Flooring in high traffic areas is dirt. Most other flooring is exposed concrete. Interior doors are generally wood in metal jambs using lever handles. The restrooms flooring is concrete with FRP wainscot and painted gypsum ceilings.

MECHANICAL:
Heating and cooling are provided by two split systems using typical thermostats, one for office and one for server room. The ceiling wall mounted exhaust fan is installed to provide ventilation in bathrooms.

ELECTRICAL:
The electrical system is fed from the campus transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility through one, 250-amp distribution board. The distribution board delivers power to the buildings sub-panels. Lighting is T-8 and suspended 225-watt metal halide lighting fixtures.

PLUMBING:
Plumbing fixtures, 1.6 GPF toilets, typical sinks are original with upgrades as needed for maintenance use needs. Plumbing is copper piping with main and isolation valves. Domestic hot water is supplied by an electric hot water heater, insulated with an expansion tank.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The building has fire extinguishers.

Hazmat.
Nothing noted from the 2021 assessment.

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DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

96 - F10- FOUNDATION/ALUMNI

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	2990	**Additional Cost:**	$.00
Year Built:	2003	**Repair Cost:**	$.00
Last Renovation:	2019	**Replacement Value:**	$1,286,664.37
		FCI:	0.00

FOUNDATION ALUMNI 96 (F10)

The Foundation Alumni Building 96 (F10) located at the Mt. San Antonio College in Walnut, California. The single story 2,990 square foot building contains livestock. Originally constructed in 2003 with a cosmetic remodel in 2018 and no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab-on-grade. The main structure is a full metal framed building with metal siding and CMU footings. The roof is of metal construction. Exterior entrance doors are typically hollow metal in hollow metal frames using lever handles. Windows are dual pane.

INTERIORS:
Partition wall types include painted gypsum for the interior built offices and rest rooms. The interiors of exterior walls are typically painted gypsum. Most ceilings are suspended t-bar with acoustical tiles. Flooring in typically carpet squares and VCT. Interior doors are generally wood in metal jambs using lever handles. The restrooms flooring is tile with tile wainscot and painted gypsum ceilings.

MECHANICAL:
Heating and cooling are provided by two split systems using typical thermostats. The ceiling wall mounted exhaust fan is installed to provide ventilation in bathrooms.

ELECTRICAL:
The electrical system is fed from the campus transformer that delivers 120/208-volt, 3 phase, 4 wire power to the facility through one, 250-amp distribution board. The distribution board delivers power to the buildings sub-panels. Lighting is T-8 and suspended 225-watt metal halide lighting fixtures.

PLUMBING:
Plumbing fixtures, 1.6 GPF toilets, typical sinks are original with upgrades as needed for maintenance use needs. Plumbing is copper piping with main and isolation valves. Domestic hot water is supplied by an electric hot water heater, insulated with an expansion tank and circulation pump.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
The building has fire extinguishers.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

181 - G1- GREENHOUSE

Facility Type:	Building	**Estimate Cost :**	$14,968.97
Gross Area (SF):	1267	**Additional Cost:**	$8,583.29
Year Built:	1997	**Repair Cost:**	$23,552.26
Last Renovation:	N/A	**Replacement Value:**	$64,378.56
		FCI:	36.58

GREENHOUSE 181 (G1)

Greenhouse 181 (G1) is located at the Mt. San Antonio College in Walnut, California. The 1-story, 1,267 square foot building contains a green house. Originally constructed in 1997 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade using metal framing with obscure plastic panels on the walls and mechanical operation roof. Exterior door is aluminum in metal jamb using lever type hardware.

INTERIORS:
Partition wall types include metal framing with plastic panels. Flooring is concrete and gravel.

MECHANICAL
Heating is provided by a ceiling hung Modine gas fired forced air unit. Hot water is provided by an RBI gas fired boiler providing 399,000 BTUs, model DB400. Cooling is provided by wall size evaporative cooler. Plumbing for the watering system is provided using PVC piping. Ventilation is provided by wall exhaust fans. Air mover fans are present.

ELECTRICAL:
The mostly original electrical system is fed from another building at 480 volts to a 75 KVA transformer providing 120/208-volt 250-amp power for Metal halide suspended lighting using sealed switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted. Fire extinguishers are present. Emergency phones are present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

188 - G2- GREENHOUSE

Facility Type:	Building	**Estimate Cost :**	$20,958.92
Gross Area (SF):	1774	**Additional Cost:**	$12,017.96
Year Built:	1963	**Repair Cost:**	$32,976.88
Last Renovation:	N/A	**Replacement Value:**	$90,140.15
		FCI:	36.58

GREENHOUSE 188 (G2)

Greenhouse Building 188 G-2 is a 1 story building located at the Mt. San Antonio College in Walnut, California. The 1-story, 1,774 square foot building that contains a Greenhouse. Originally constructed in 1963 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade using metal framing with obscure plastic panels on the walls and mechanical operation roof. Exterior door is aluminum in metal jamb using lever type hardware.

INTERIORS:
Partition wall types include metal framing with plastic panels. Flooring is concrete and gravel.

MECHANICAL
Heating is provided by a ceiling hung Modine gas fired forced air unit. Hot water is provided by an RBI gas fired boiler providing 399,000 BTUs, model DB400. Cooling is provided by wall size evaporative cooler. Plumbing for the watering system is provided using PVC piping. Ventilation is provided by wall exhaust fans. Air mover fans are present.

ELECTRICAL:
The mostly original electrical system is fed from another building at 480 volts to a 75 KVA transformer providing 120/208-volt 250-amp power for Metal halide suspended lighting using sealed switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted. Fire extinguishers are present. Emergency phones are present.

Hazmat.
Nothing noted from the 2021 assessment.

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DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

187 - G3- GREENHOUSE

Facility Type:	Building	**Estimate Cost :**	$17,721.75
Gross Area (SF):	1500	**Additional Cost:**	$10,161.75
Year Built:	1980	**Repair Cost:**	$27,883.50
Last Renovation:	N/A	**Replacement Value:**	$76,217.72
		FCI:	36.58

GREENHOUSE 187 (G3)

Greenhouse Building 187 (G3), is located at the Mt. San Antonio College in Walnut, California. The 1-story 1,500 square foot building contains green house. Originally constructed in 1980 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade using metal framing with obscure plastic panels on the walls and mechanical operation roof. Exterior door is aluminum in metal jamb using lever type hardware.

INTERIORS:
Partition wall types include metal framing with plastic panels. Flooring is concrete and gravel.

MECHANICAL
Heating is provided by a ceiling hung Modine gas fired forced air unit. Hot water is provided by an RBI gas fired boiler providing 399,000 BTUs, model DB400. Cooling is provided by wall size evaporative cooler. Plumbing for the watering system is provided using PVC piping. Ventilation is provided by wall exhaust fans. Air mover fans are present.

ELECTRICAL:
The mostly original electrical system is fed from another building at 480 volts to a 75 KVA transformer providing 120/208-volt 250-amp power for Metal halide suspended lighting using sealed switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted. Fire extinguishers are present. Emergency phones are present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

189 - G4- GREENHOUSE

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	4133	**Additional Cost:**	$.00
Year Built:	1998	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$210,005.21
		FCI:	0.00

GREENHOUSE 1889 (G4)

Greenhouse Building 189 G4 located at the Mt. San Antonio College in Walnut, California is a 1-story, 4,133 square foot building contains a Greenhouse. Originally constructed in 1998 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade using metal framing with obscure plastic panels on the walls and mechanical operation roof. Exterior door is aluminum in metal jamb using lever type hardware.

INTERIORS:
Partition wall types include metal framing with plastic panels. Flooring is concrete and gravel.

MECHANICAL
Heating is provided by a ceiling hung Modine gas fired forced air unit. Hot water is provided by an RBI gas fired boiler providing 399,000 BTUs, model DB400. Cooling is provided by wall size evaporative cooler. Plumbing for the watering system is provided using PVC piping. Ventilation is provided by wall exhaust fans. Air mover fans are present.

ELECTRICAL:
The mostly original electrical system is fed from another building at 480 volts to a 75 KVA transformer providing 120/208-volt 250-amp power for Metal halide suspended lighting using sealed switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted. Fire extinguishers are present. Emergency phones are present.

Hazmat.
Nothing noted from the 2021 assessment.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

183 - G5- GREENHOUSE

Facility Type:	Building	**Estimate Cost :**	$34,780.99
Gross Area (SF):	4656	**Additional Cost:**	$19,943.61
Year Built:	2010	**Repair Cost:**	$54,724.60
Last Renovation:	N/A	**Replacement Value:**	$236,579.79
		FCI:	23.13

GREENHOUSE 183 (G5)

0183, Greenhouse G-5 is a building located at the Mt. San Antonio College in Walnut, California. The 1-story 4,656 square foot building contains a Greenhouse. Originally constructed in 2010 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rest on a concrete slab on grade using metal framing with obscure plastic panels on the walls and mechanical operation roof. Exterior door is aluminum in metal jamb using lever type hardware.

INTERIORS:
Partition wall types include metal framing with plastic panels. Flooring is concrete and gravel.

MECHANICAL
Heating is provided by a ceiling hung Modine gas fired forced air unit. Hot water is provided by an RBI gas fired boiler providing 399,000 BTUs, model DB400. Cooling is provided by wall size evaporative cooler. Plumbing for the watering system is provided using PVC piping. Ventilation is provided by wall exhaust fans. Air mover fans are present.

ELECTRICAL:
The mostly original electrical system is fed from another building at 480 volts to a 75 KVA transformer providing 120/208-volt 250-amp power for Metal halide suspended lighting using sealed switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted. Fire extinguishers are present. Emergency phones are present.

Hazmat.
Nothing noted from the 2021 assessment.

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DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

190 - G7- GREENHOUSE/CONSERVATORY

Facility Type:	Building	**Estimate Cost :**	$.00
Gross Area (SF):	1268	**Additional Cost:**	$.00
Year Built:	1999	**Repair Cost:**	$.00
Last Renovation:	N/A	**Replacement Value:**	$64,429.38
		FCI:	0.00

GREENHOUSE 190 G7

Greenhouse Building 190 G-7 located at the Mt. San Antonio College in Walnut, California. Is a 1-story, 1,268 square foot building and contains a Greenhouse. Originally constructed in 1999 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut face to stud remodel including replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building is wood framed with fiber glass panels on the walls and roof of original vintage

INTERIORS:
Partition wall types include wood framing with fiber glass panels. There are no rest rooms.

MECHANICAL/PLUMBING
Heating is provided by a pad mounted gas fired forced air unit. Cooling is provided by an evaporative cooler. Plumbing for the watering system is provided using PVC piping.

ELECTRICAL:
The mostly original electrical system is fed from another building providing 120-volt power for T-12 lighting using typical switches and outlets.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
Nothing noted from the 2021 assessment.

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DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

100 - P1- PROPAGATION SHED

Facility Type:	Building	**Estimate Cost :**	$3,355.32
Gross Area (SF):	284	**Additional Cost:**	$1,923.96
Year Built:	1973	**Repair Cost:**	$5,279.28
Last Renovation:	N/A	**Replacement Value:**	$14,430.55
		FCI:	36.58

PROPAGATION SHED 100 (P1)

Propagation shed 100 P-1, is located at the Mt. San Antonio College in Walnut, California. The 1-story, 284 square foot building contains green house. Originally constructed in 1973 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building was not in space inventory during the 2016 assessment.,

INTERIORS:

MECHANICAL/PLUMBING

ELECTRICAL:
The electrical system is fed from another location that provid power to the building

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

Deficiencies:

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

101 - P2- PROPAGATION SHED

Facility Type:	Building	**Estimate Cost :**	$3,697.94
Gross Area (SF):	313	**Additional Cost:**	$2,120.42
Year Built:	1973	**Repair Cost:**	$5,818.36
Last Renovation:	N/A	**Replacement Value:**	$15,904.10
		FCI:	36.58

Propagation shed 101 (p2)

Propagation shed 101 P-2, is located at the Mt. San Antonio College in Walnut, California. The 1-story 313 square foot building contains green house. Originally constructed in 1973 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
This building was not in space inventory during the 2016 assessment.,

INTERIORS:

MECHANICAL/PLUMBING

ELECTRICAL:
The electrical system is fed from another location that providing power to the building

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

106 - PS1- PESTICIDE STORAGE SHED

Facility Type:	Building	**Estimate Cost :**	$7,265.39
Gross Area (SF):	144	**Additional Cost:**	$4,166.02
Year Built:	1988	**Repair Cost:**	$11,431.41
Last Renovation:	N/A	**Replacement Value:**	$10,972.04
		FCI:	104.19

PESTICIDE STORAGE 106 (PS1)

Pesticide Storage Building 106 (PS1) is located at the Mat. San Antonio College in Walnut, California. The 144 square foot building contains pesticides. Originally constructed in 1988 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade using wood framing and siding. The exterior door is wood in a wood jamb Roof framing is wood with a shake roof. The windows in this building are aluminum framed dual pane unit.

INTERIORS:
No access.

MECHANICAL/PLUMBING
No access.

ELECTRICAL:
No access.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
No access.

Hazmat.
Pesticides.

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

102 - SS- STORAGE SHED

Facility Type:	Building	**Estimate Cost :**	$17,457.12
Gross Area (SF):	346	**Additional Cost:**	$10,010.00
Year Built:	1973	**Repair Cost:**	$27,467.12
Last Renovation:	N/A	**Replacement Value:**	$26,363.38
		FCI:	104.19

STORAGE SHED 102 (SS)

Storage shed 102 SS is located at the Mt. San Antonio College in Walnut, California. The 1-story 346 square foot building contains storage. Constructed in 1973 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The building is wood framed with wood siding. Entry door is a wood slider.

INTERIORS:
Exposed to wood framing.

MECHANICAL/PLUMBING
None noted.

ELECTRICAL:
None noted.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

Report Generated: 06/09/2022

DISTRICT Mt. San Antonio Community College District **CAMPUS** Mt. San Antonio College

103 - TS- TOOL SHED

Facility Type:	Building	**Estimate Cost :**	$60,847.64
Gross Area (SF):	1206	**Additional Cost:**	$34,890.37
Year Built:	1973	**Repair Cost:**	$95,738.01
Last Renovation:	N/A	**Replacement Value:**	$91,890.85
		FCI:	104.19

TOOL SHED 103 (TS)

The Tool Shed Building 103 TS is located at the Mt. San Antonio College in Walnut, California. The 1-story, 1,206 square foot building contains shop. Originally constructed in 1973 with no major remodels to date 2021. A major remodel consists of but is not limited to a full gut, face to stud remodel with replacement of all systems.

STRUCTURAL/EXTERIOR CLOSURE:
The building rests on a concrete slab on grade. The building is wood framed with metal siding and roof that appear to be original to construction

INTERIORS:
Interior walls are exposed to framing. Flooring is concrete. Ceiling and walls are exposed to framing.

MECHANICAL/PLUMBING
None noted.

ELECTRICAL:
Not noted.

FIRE PROTECTION/LIFE SAFETY SYSTEMS:
None noted.

Hazmat.
None noted.

Deficiencies: