New Mexico State University

College of Agricultural, Consumer, and Environmental Sciences



TABLE OF CONTENTS

ACKNOWLEDGMENTS	3
EXECUTIVE SUMMARY	4
NMSU RESEARCH CENTER HISTORY AND ORGANIZATION	
WAYFINDING STUDIES	9
AGRICULTURAL SCIENCE CENTER LOCATIONS	11
DEFICIENCIES LIST	13
BUILDING FLOOR PLANS	21
CANDIDATES FOR DEMOLITION	27
INVENTORY COMPARISON	31
UTILITY OVERVIEW	
INFORMATION TECHNOLOGY	38
ENERGY REPORT	42

ACKNOWLEDGMENTS

Dr. Rolando A. Flores Dean & Chief Administrative Officer College of Agricultural, Consumer and Environmental Sciences Dr. Leslie Edgar Associate Dean and Director of Agricultural Experiment Station Brooke Boren AES Director of Land and Assets Shad Cox AES Livestock Operations Director Dave Lowry AES Farm Operations Director

Heather Watenpaugh University Architect Facilities and Services Robert Herrera Executive Director Facilities and Services Jose Loera Assistant Director Facilities and Services Gary Martinez Project Manager Facilities and Services

Additional thanks to representatives of the research center:

Glenn D. Cuff- Clayton Livestock Research Center Shad Cox- Corona Range and Livestock Research Center Kevin Lombard, PhD- Farmington Agricultural Center Mark Marsalis- Los Lunas Agricultural Science Center Dave Lowry- Fabian Garcia Research Center Dave Lowry- Leyendecker Plant Science Research Center Andrew Cox- NMSU College Ranch Jason Box- R. E. Kirksey Agricultural Science Center at Tucumcari Dr. Robert Flynn- Artesia Science Center Dr. Owen Burney- J. T. Harrington Forestry Research Center

Planning Consultant

Staff of NINE DEGREES ARCHITECTURE AND DESIGN, INC. NMSU-ACES IT DEPARTMENT - Information Technology

FACILITIES MASTER PLAN REPORT

Executive Summary | July 2023

OVERVIEW

New Mexico State University Facilities Group (NMSU) commissioned Nine Degrees Architecture and Design, Inc. (NDA&D) in the Fall of 2021 to perform a facility assessment study and master plan of the institution's agricultural research centers that are located throughout the State of New Mexico. As identified in this report, this consortium of twelve agricultural research facility locations is an integral part of the College of Agricultural, Consumer, and Environmental Sciences (ACES) academic, research, and public service program for the New Mexico State University System. These assessment efforts required NDA&D to complete this evaluation plan under an open and transparent methodology to ensure a fair data-driven Facility Master Plan (FMP) effort. The Facilities Master Plan is intended to inform NMSU of the College of ACES agricultural research facilities building conditions for operations, use, and future capital investment decisions that may be needed for these agricultural centers' next five years of operations. Together with the College of ACES administration, NMSU Facilities and Services Department Staff, and ACES research centers' staff, our architectural staff members undertook an assessment effort and outreach process that included extensive field visits and data gathering at all twelve research center locations.

The Facilities Master Plan (FMP) findings that informed our team of the specific recommendations are summarized in this document, thus providing NMSU with an outsider's snapshot of the state of operations, facilities conditions, and functional suitability to maintain the center's successful operations. Our team's expectations are that, as this plan is implemented, it will assist the staff at NMSU College of ACES to continue its educational and research vision and mission by having their centers equipped and capable of meeting the needs of their academic endeavors for upcoming research grants and being able to achieve a balance of their existing needs. Through this balance ACES will be able to increase capacity utilization, and by being able to improve their research programs – both being crucial and beneficial issues to all New Mexico State University College of Agricultural Consumer Environmental Sciences students today and in the future.

FINDINGS

After a series of on-site visits and through visual assessment of each facility, the findings included in this Facility Master Plan (FMP) begin to illustrate that many of the College of ACES research center facilities appear to be in relatively poor condition and/or declining conditions. These conditions can be attributed to the historically low level of state funding for critical maintenance and capital investment for basic building maintenance, structural repairs, facility erosion control, mechanical systems repairs, and roof replacement. In addition, based on the data that was discovered during our assessment process, it appears that all research centers, in some form or another, have suffered from issues such as a shortage of maintenance personnel, staff attrition, and financial cutbacks, which have exacerbated their por facilities' conditions. The annual maintenance and operation budget awarded to each of the agricultural centers has directly impacted the number of repair projects required to improve and maintain each of the centers to perform to their optimal capabilities.

After evaluating demographic information for the State of New Mexico from 1990 to 2020, as reported in the annual assessment by the State of New Mexico Economic Development Department, the state increased its population by an average of 240,000 citizens per decade since the 1990s. It leveled off in 2020 for a total of 2.1 million citizens. Over the past three years since, the population has continued to grow but at a slower and smaller pace. Current assessment predicts a smaller but steady increase in population, with a projected student enrollment for the next 2 to 3 years that will continue to remain relatively level with smaller incremental growth. Additionally, the assessment describes that there will be growth and/or decline in specific geographic areas as the state experiences regional population immigration or interstate migration.

NMSU AC	CES
FACILITY DEFICIENCY C	COST - PRESENT \$17,604,854.00
5-YEAR LIFE CYCLE FOR	RECAST- ESCALATION \$6,402,251.14
TOTAL 5-YEAR NEEDED	- OVERALL BUDGET \$24,007,105.46

This facilities assessment has identified the need for a minimum expenditure of around \$24,007,105.46 million in projected Operations & Maintenance funding for facility-related needs within the next five years (in 2022 dollars), comprised of \$13,843,194.00 million for the repair of current deficiencies, and additional \$3,761,660.00 million for instructional technology infrastructure improvements. Furthermore, an add is anticipated over the next five years for end of life-cycle repairs

of \$6,402,251.14 million premium to the O&M Budget. This budget does not include any additional funding that may be required to transition each center to a renewable energy system as currently being studied by NMSU Facilities Team. Each agricultural center's physical condition and functional adequacy were determined by thoroughly inventorying all buildings and accessory structures against their current scheduled use. By comparing the operational capacity of each center against current and projected enrollment predictions based on existing utilization capacity, utilization percentages were developed to inform our assessment team on how to develop individual strategies for facility repair and replacement efforts. These strategies created the best use and value for all college of ACES research facilities. It is certain that continued degradation of the research facilities will financially strain NMSU College of ACES's academic and research mission. The operational expenditures, such as utilities, annual maintenance, and growing extensive repairs caused by buildings and operational systems reaching the end of their life-cycle, will become overwhelming and create greater difficulty to repair the existing buildings.

RECOMMENDATIONS

To determine whether an asset is critical to the continuation of the mission of the University, a needs assessment must be scheduled and performed every five-years and, in some facilities, even sooner, when regulations, curriculum shift, or just a change in the facilities conditions, warrants a new assessment. Our recommendations are based on a mixture of both basic general building systems performance and institutional priorities. Institutional priorities are based on academic necessities as they are balanced against the maintenance and maintenance budgets provided within the annual system's expenditure strategy. Our observations of the buildings' performance were based on assessing the life expectancy of the building systems as they are collectively beginning to reach their end of the life-cycle or by analyzing the systems' age. Based on the field conditions and facility historical data, Nine Degrees Architecture and Design, Inc., recommends to the NMSU College of Agricultural, Consumer, and Environmental Sciences and NMSU Facilities Planning Team to begin taking additional operational and capital funding steps that will provide opportunities for improving each Ag Center and create the possibility for a more balanced utilization program for each of their research centers.

These additionl operational and capital actions are detailed below.

OPTION ONE: Divest Surplus Landholdings.

Divesting surplus landholdings with strategic time-to-market transactions will replenish the NMSU College of Agricultural, Consumer, and Environmental Sciences funding budget and create additional resources for potential reinvestment into their current research center facilities. This recommendation directly aligns with research center staff recommendations towards enhancing the center's mission and vision.

OPTION TWO: Review Land Use for the Surplus Landholdings.

Rethinking and reallocating surplus landholdings with strategic lease transactions to the private sector to create wind farms, grazing farms, solar farms, or any other public-minded use that will allow for a cash flow increase while still retaining land ownership that should replenish NMSU College of Agricultural, Consumer, and Environmental Sciences fund balance and create financial resources for additional reinvestment into each research center facility and infrastructure. This recommendation directly aligns with each research center's mission and vision.

OPTION THREE: Explore Public Bond Support.

The evaluation team advises the institution to consider using non-state funding sources and develop a plan for a multi-million bond referendum to fund facility improvements at each of the twelve research centers. If approved by the voters, these funds would optimize the immediate safety concerns and modernization of the research centers while addressing top-priority facility repair and infrastructure needs in the near term. Consequently this would defer the remaining \$6,402,251.40 million in lower priorities for future implementation due to construction escalation over the next 5-year cycle. In an effort to assist the bond steering committee, the planning team defined a list of recommended high-importance/ high-impact enhancements for each research center focusing on critical facility replacements, repairs, and high technology needs.

OPTION FOUR: Explore Public-Private Partnership.

The evaluation team also recommends that the NMSU College of Agricultural, Consumer, and Environmental Sciences team and the institution consider identifying and developing specific strategic public partnerships aligned with their 5-year cycle to secure targeted sponsorship and ventures with key industry leaders that each center serves. This proposed association can work with donors or sponsors with a vested interest in the success of the research agenda of each center. This option will require a more detailed analysis to engage the private sector in identifying suitable candidates for each research center.







INTRODUCTION AND METHODOLOGY

In concurrence with the academic offering by New Mexico State University, the College of Agricultural, Consumer, and Environmental, the expected outcome for this assessment effort is to provide the New Mexico State University Planning and Design team with a snapshot assessment of the "present day" state of their existing facilities with the expectations of developing a sound strategy for the maintenance, upgrades, and/or replacement of their agricultural centers' building facilities. This assessment also serves as an inventory of the building conditions of each center intended to inform the College of Agricultural, Consumer, and Environmental Science leadership as they continue to prioritize their needs for academic, research, and public service. In order for the system to help fulfill the NMSU College of ACES educational and research vision, the NMSU Board of Regents and Administration determined the necessity to develop the Facility Master Plan (FMP) and assessment that will inform and guide the potential of needed facility rehabilitation and capital investment decisions for the next 5-year cycle. Entrusted with first putting College of ACES research excellence in the forefront and then emphasizing the effective stewardship of the university's assets, NDA&D engaged and undertook an exhaustive visual assessment of every research center facility, evaluated demographic studies, and facilitated a transparent assessment and planning process. This process included the participation of staff members from the NMSU team and administrative members of each agricultural center.

The Facility Master Plan findings and recommendations from our assessments and reviews are summarized within this document, providing the NMSU Board of Regents with an independent, unbiased snapshot and near-term forecast of all ACES facilities' condition, suitability, and utilization. This document summarizes the results of a comprehensive assessment performed in the Fall of 2022 through the Summer of 2023, culminating in this Facility Master Plan with recommendations for NMSU College of ACES that identifies options for future investments in the enhancement and maintenance of its agricultural centers'. We have included a review of the entire facility portfolio, an educational/ research adequacy assessment, a facility condition assessment, a five (5) year life-cycle forecast, and a review of College of ACES's current enrollment statistics.

NMSU ACES RESEARCH AT EACH SITE

NMSU AGRICULTURAL SCIENCE CENTER AT ARTESIA 67 E. Four Dinkus Rd, Artesia, New Mexico, 88210

The research mission of the Agricultural Science Center at Artesia (ASC-Artesia) faculty conducts research and extension programs in soil, water, crop, and entomological sciences to enhance the agricultural, economic, environmental, and social well-being of southeastern New Mexico. Our faculty collaborate in local, regional, national, and international research and extension efforts, and are often asked to bring their expertise to colleagues and clientele across the U.S. and in foreign countries.

Future research efforts - a continuation of current efforts on ongoing agronomic studies, horticultural crop studies, and produced water studies.

NMSU Agricultural Science **Center at Artesia -**WAYFINDING



NMSU Agricultural Science Center at Artesia -WAYFINDING





NMSU Agricultural Science Center at Artesia



Architecture + Design, Inc.

NMSU Agricultural Science Center at Artesia -LOCATIONS



NMSU Agricultural Science Center at Artesia -LOCATIONS





NMSU Agricultural Science Center at Artesia

- 1. Storage Sheds 346G (FCI Score 0.136)
- 2. Lab 346L (FCI Score 0.042)
- 3. Greenhouse 346C (FCI Score 2.700)
- 4. Office 346A (FCI Score 0.216)
- 6. Pecos Hilton A 346K (FCI Score 0.346)
- 7. Pecos Hilton B 346M (FCI Score 0.294)
- 8. Shop 346D (FCI Score 0.014)
- 9. Shop Annex 346F (FCI Score 0.2.736)
- 10. Machine Storage 346E (FCI Score 0.030)
- 11. Shed 346H (FCI Score 0.627)
- 12. Chemical Storage Shed 346J (FCI Sore 2.488)
- 13. Steel Barn 3461 (FCI Score 0.067)



NMSU Agricultural Science Center at Artesia -DEFICIENCIES LIST





RESIDENCE 346 B

(Candidate for demolition and replacement)

The building shows differential settling and requires site needs regrading away from building. The building windows needs insulated windows, and it is in needs extensive stucco repairs, needs gutters and downleaders, replacement and repaint fascia and outriggers, wood porch posts need repairs and repaint, house needs ADA access and modifications.



GREENHOUSE 346C

(Candidate for demolition and replacement)

Pony walls around the Greenhouse perimeter need to be re-stucco. CMU joints are cracking and require repair, and greenhouse walls show significant moisture damage that need replacement both interior and exterior sides. Lexan panels at the greenhouse need to be replace since they are broken and all greenhouse operable panels are frozen. The building needs ADA access to and from the greenhouse.



OFFICE 346 A

(Candidate for demolition and replacement)

The building shows severe building settlement along East side, substantial civil work to regrade all site required to direct water away from building since there is no positive water drain from building on North and East sides. Throughout the building the stucco coat over the cmu walls are cracking and delamination, additionally walls needs crack repairs and to be repainted. The building soffits needs repairs and repaint. The concrete apron along exterior walls on areas where existing landscaping needs repairs as its too close to the house or missing and removal of all landscaping close to exterior walls is needed. The building needs gutters and downleaders, repair rotted fascia boards and repaint, and replace damaged concrete apron at main entry. Access to the front door needs ADA compliant access (currently not available due to site settlement), interior E walls severe settlement cracking, interior restrooms not ADA (need to be rebuilt and redesigned), vestibule entry door needs ADA hardware.



SHOP ANNEX 346F

Candidate for demolition and replacement (structure foundation is eroded)



PECOS HILTON A346K

Need new skirting, new gutters and downleaders, repair damaged exterior wall panels, need ADA access ramp and deck at entry and rear door, regrade for erosion and add concrete apron all around. The restroom are not ADA accessible, need ADA hardware at entry and back doors, plywood platform rotted needs replacement and painting.



PECOS HILTON B346M

Need new skirting, new gutters and downleaders, repair damaged exterior wall panels, need ADA access ramp and deck at entry and rear door, regrade for erosion and add concrete apron all around. The restroom are not ADA accessible, need ADA hardware at entry and back doors, plywood platform rotted needs replacement and painting.



CHEMICAL STORAGE SHED 346J

Need concrete stoop and ADA ramp, need paint stripped and repainted, repair doors they are not working.



STEEL BARN 346I

Needs to replace overhead doors, replace damaged exterior wall metal panels, needs concrete stoop and sidewalk access to it for ADA at main entry door. Install ADA access hardware at main door, add concrete entry drive at both overhead doors with bollards, and repaint head and jambs at overhead doors. Add soil at eroded corners and install a concrete apron all around. The building needs gutters and downloaders, repaint entry main doors, requires roof leak repairs, and there is a need for regrading to provide positive drainage away from buildings.



MACHINE STORAGE 346E

Needs to replace overhead doors, replace damaged exterior wall metal panels, needs concrete stoop and sidewalk access to it for ADA at main entry door. Install ADA access hardware at main door, add concrete entry drive at both overhead doors with bollards, and repaint head and jambs at overhead doors. Add soil at eroded corners and install a concrete apron all around. The building needs gutters and downloaders, repaint entry main doors, requires roof leak repairs, and there is a need for regrading to provide positive drainage away from buildings.



STORAGE SHEDS 346G

(Not classified as building by HEB as they do not have 2 utilities)

Need repairs at corners, add concrete landing with ramp at doors, can use new gutters and downleaders, and regrade away from foundation for positive flow and minimize future damage.



SHED 346H

Needs ADA accessible landing with ADA ramp and concrete, regrade all around to stop erosion and add concrete apron all around, entry door needs ADA hardware, and need gutters and downleaders.



LAB 346L

Needs all exterior doors repainted and weather-stripped, repaint overhead door jambs, reseal all windows trims and needs new glazing gaskets, replace all interior lighting with LED, repair roof leaks, and restripe ADA striping at adjacent parking space.



SHOP 346D

Repair rotted wood fascia and gable ends and repaint, repair rotted wood at overhead door jambs and repaint.

NMSU Agricultural Science Center at Artesia -FLOOR PLANS







4- Office 346A

















- 10- Machine Storage 346E
- 11- Shed 346H











- 6- Pecos Hilton A 346K
- 7- Pecos Hilton B 346M
- 3- Greenhouse 346C















- 8- Shop 346D
- 2- Lab 346L











- 1- Storage Sheds 346G
- 9- Shop Annex 346F
- 12- Chemical Storage Shed 346J
- 13-Steel Barn 3461







NMSU Agricultural Science Center at Artesia -CANDIDATES FOR DEMOLITION



NMSU AG CENTERS FACILITIES MASTER PLAN CANDIDATES FOR DEMOLITION AND REPLACEMENT

ARTESIA

The following buildings are candidates for replacement:



Main office building has differential settlement and is in a low spot on the site allowing for water collection along its foundation. Building and site work regrading are beyond feasible repair



View of settlement at interior office.



View of old house that is condemned.

NMSU AG CENTERS FACILITIES MASTER PLAN CANDIDATES FOR DEMOLITION AND REPLACEMENT



NASA Storage building needs foundation stabilization due to erosion along with roof superstructure repairs and new roof. Building beyond feasible repair.



View of typical erosion along foundation slab

NMSU Agricultural Science Center at Artesia -INVENTORY COMPARISON



NMSU AG CENTERS FACILITY INVENTORY ANALYSIS BASED ON FIELD VISITS

ARTESIA

The following structures are not included in the current inventory for this site:



Storage Shed: Needs: Entry stoop, new entry door and hardware, rain gutters and down leaders.

NMSU AG CENTERS FACILITY INVENTORY ANALYSIS BASED ON FIELD VISITS



Storage Shed by wash area:

Needs: Entry stoop, repair damaged wall panels, rain gutters and down leaders, replace eye wash station, .

NMSU AG CENTERS FACILITY INVENTORY ANALYSIS BASED ON FIELD VISITS



Pump Storage Shed:

Needs: Entry stoop, concrete apron all around, rain gutters and down leaders, regrade all around.

NMSU Agricultural Science Center at Artesia -UTILITY OVERVIEW



Artesia Science Center

Address: 67 E. Four Dinkus Rd, Artesia, New Mexico, 88210

Contact: Dr. Robert Flynn, Interim Superintendent - (575) 748-1228 rflynn@nmsu.edu



Description:

As described by the NMSU System, the New Mexico State University Founded in 1955, the Agricultural Science Center at Artesia focuses on the Pecos River Valley's research needs and agriculture interests. Approximately 75 acres are currently under cultivation, using sprinkler, drip, and gated pipe irrigation systems supplied by an Artesian well. Ongoing research includes fertility studies and manure use in crop production, integrated insect pest management, weed management, and performance evaluation of crop cultivars. Alfalfa and cotton are the predominant crops in southeastern New Mexico, but research crops also include corn, sorghum, small grains, pasture grasses, chile, and other vegetable crops. In response to the growing dairy industry, a dairy heifer grazing study also is underway. The mission of the Agricultural Science Center at Artesia (ASC-Artesia) is for faculty to conduct research and extension programs in soil, water, crop, and entomological sciences to enhance the agricultural, economic, environmental, and social well-being of southeastern New Mexico. Our faculty collaborate in local, regional, national, and international research and extension efforts. They are often asked to bring their expertise to colleagues and clientele across the U.S. and foreign countries. The center's goal is to be the premier off-campus center for novel research and extension programming in integrated pest management, water management, soil health, soil fertility and remediation, and the evaluation of new crop genetic material.

Findings

Water System:

Based on the information provided, this facility has both a connection to the local water distribution system as well as to the one well on their campus. The water supply comes from the Artesia Rural Water District. It is primarily used for their daily use. They have one existing well that is used strictly for the irrigation needs of the campus. According to Dr. Flynn, they have had the need for additional capacity to water the livestock, but it is not a normal occurrence. According to the information we received, their existing well is regulated by the NM Office of the State Engineer and has a designation number of RA-827. The superintendent believes that the well may need some repairs in the coming future as it is beginning to have issues.

In addition, this facility has no plans for additional wells and no future plans for expanding the existing building complex.

Electrical System:

Based on the information provided, this facility receives its power from Xcel Energy since they are connected to the main regional electrical grid. They have yet to experience the need for repairs and foresee any future expansion of their electrical needs.

Waste Water System:

Based on the information provided, this facility's sewer needs have been handled by an existing septic tank that has the capacity to service buildings and is cleaned and emptied by the city as they are connected to their system. The system is being monitored and maintained yearly to ensure that its capacity is maintained and that they stay within the operational needs of the city-owned system.

Artesia Science Center				
All domestic water needs are supplied by the Artesia Rural Water District Infrastructure				
Well Number 1	RA 00827	water use for non potable need and may be in needs of repair	32°45'15.4"N	104°23'08.8"W

NMSU Agricultural Science Center at Artesia -INFORMATION TECHNOLOGY



NMSU Agricultural Science Center at Artesia Information Technology

Wireless Network Coverage	Main Building Only	
Condition of Physical Cabling	Unknown	
Distribution Closet	No	
Central Tower	No	
Monthly Estimates		
Registered Devices	25	
Upload	282.5 GB	
Download	156.43 GB	

The network equipment was installed two to three years ago. This facility only has network at the main office. Equipment is mount, but in an open space. This facility lacks proper network equipment to provide the same level of network usage information as the other ASC.



IT Spaces/Network Closets

Recommended:

Network space is needed at this ASC and needs to meet standards. It is our recommendation to build out an IT/network space for this ASC. If there is no room that can be modified into this space, it is our recommendation to build a separate IT/network space outside, close to the existing DMARC, that is cooled, isolated only for IT needs, has proper lighting, floor loading, power, network racks and equipment, airflow, and meets standards.

UPS

Recommended:

Multiple, 2 minimum, network UPS's are needed for the network equipment at the Artesia ASC.

Network Tower

Recommended:

70 - 80 ft network tower erected to provide broadband internet to different parts of the center. This network tower would also need to be installed with power to provide power to the network devices on the tower.

NMSU Agricultural Science Center at Artesia Information Technology

Network Tower

Recommended:

70 – 80 ft network tower erected to provide broadband internet to different parts of the center. This network tower would also need to be installed with power to provide power to the network devices on the tower.

The location of the tower can be close to the main building on the site where the DMARC is to allow the easier network access to be broadcast. If that is not possible, another location can be determined by the availability of line of site from the main building to the tower.

POP/PtMP

Recommended:

Artesia ASC needs one PtMP, point to multi point, and at the minimum three to four POPs, point of presence, to help saturate different parts of the center with wireless. The POPs are mobile and can be moved and adjusted as needed.

Cable Plan

Recommended:

Existing cabling, jacks, ports, patch cables and patch panels be upgraded to Category 6, at minimum. Connectivity between buildings can be accomplished by trenching and laying conduit, or to create wireless bridges through line of sign wireless broadband devices.

VolP

Recommended:

It is recommend replacing antiquated phone systems and currently, the standard is VoIP. VoIP phones will tie into the network infrastructure and allow us to control the phones off of one system, and gives us the availability to manage the phone systems from each ASC remotely.

Conference Room/Collaboration Spaces

Recommended:

Smart screens, interactive touch displays, conference room cameras, speakers and mics, etc. can all be implemented to help bring these conference room spaces into the modern era and allow them to be utilized on a moments notice.

This conference room should include one smart interactive display, either Dell or Samsung, laptop or mini computer to be mounted on the display, a wall mount or portable mount, at least one Stem wall speaker/ mic and Stem Hub, one Huddly camera, a Logitech Swytch for BYOD (bring your own device), a PoE ethernet switch, and an AV station/equipment rack.

NMSU Agricultural Science Center at Artesia Information Technology

Security & Surveillance Systems

Recommended:

This ASC should have a minimum of two cameras, one showing the entrance/exit when vehicles arrive, and one on the main office building. This ASC would benefit from multiple cameras across the center to deter theft and increase visibility. Different locations at the center would allow for cameras to be installed and configured.



NMSU Agriculture Centers Facilities Master Plan

NMSU Agricultural Science Center at Artesia -Energy Report



NMSU Agricultural Science Center at Artesia -Energy Report

Energy Audit:

For detail information regarding conservation strategies for the Artesia Agricultural Center please refer and review the AAE Energy Master Plan study.