

TABLE OF CONTENTS

-Introduction

-Mechanical Systems:

- Chilled Water System
- Steam System
- Natural Gas System
- Cogeneration System

-Electrical Systems:

- Electrical Power System

-Civil Systems:

- Utility Tunnel System

INTRODUCTION

The New Mexico State University main campus is in Las Cruces, New Mexico, located between Interstate 10, Interstate 25 and E. University Avenue. The University has more than 5,000,000 square feet of building on the main campus and houses such utility systems as chilled water, steam, natural gas, electrical power, fiber optics, telephone, potable water, sewer, and storm water.

GLHN was subcontracted by the New York based firm Kohler Ronan, LLC in the summer of 2008 in order to evaluate the capacity of the chilled water system with regards to the first phase of construction of the new Arts Complex, to be located on Espina and University. After thorough review, it was determined that not only did the chilled water system not have capacity to deliver chilled water to that area of campus, but that there was no redundant capacity for expansion to any location on campus. In fact, it was discovered that the system struggled to maintain the current campus demand during peak cooling, indicating an immediate need for improvement.

It was around the same time that the University discovered the need for a reevaluation of the current cogeneration system, likely due to the spike in natural gas costs. NMSU offered GLHN a contract at this time to perform an in depth study of the system to determine a current model of operation, optimizing the system using available resources and evaluating alternative configurations should the payback be attractive. This work would include evaluating electrical rate options and even alternatives to electrical power delivery to campus.

In 2006, NMSU constructed a master plan for the build out and remodeling of campus through the next 25 years. Although most utility systems were covered to some extent in this report, it was primarily an architectural development plan with the need for further review of each of the campus utilities to match it. Once the University was presented with GLHN's findings in the chilled water study, the decision was made to compliment the architectural development plan with a utility development plan. GLHN was thereby granted a contract to create a full development plan for the chilled water, steam, natural gas, cogeneration, electrical power and utility tunnel systems to follow the existing architectural development plan and create a complete master plan for the expansion and remodeling of the NMSU campus through the year 2034.

STAGE 2 UTILITY DEVELOPMENT

The Stage 1 record drawings and accompanying load models and narratives established the condition and capacity for each utility system. As part of the Stage One presentation meeting, strategies were identified for each utility that would repair deficiencies and accomplish growth. The nearly-complete New Mexico State University Utility Development Plan depicts the location, use, and year built of planned structures; these future loads were modeled and the results were used to develop each utility strategy.

The Stage 2 effort presents these strategies and their possible costs. It is the goal of the Stage 2 presentation meeting to select a single strategy for each utility that best meets the University's needs and goals. The selected strategy for each utility system will be further developed, and presented along with the final Utility Development Plan in the Stage 3 effort.

The strategies developed in Stage 2 are:

Chilled Water System

- Plan chilled water system growth to match the architectural growth of campus
- Replace existing absorbers with either 2 new absorbers or 1 absorber and 1 steam driven turbine
- Construct new chilled water plant in first phase of development / Rebuild existing plant in first phase of development and delay construction of new facility
- Install ice storage facility

Steam System

- Plan steam system growth to match the architectural growth of campus

Natural Gas System

- Plan natural gas system growth to match the architectural growth of campus
- Implement pipe replacement program for all original direct bury steel pipe
- Secondary tie-in to city natural gas system

Cogeneration System

- Replace existing absorbers with either 2 new absorbers or 1 absorber and 1 steam driven turbine
- Installation of data center backup generator
- Installation of peak shaving natural gas generator

Electrical Power System

- Plan electrical power system growth to match the architectural growth of campus

Utility Tunnel System

- Plan utility tunnel system growth to match the growth of the chilled water and steam distribution systems
- Install additional lines in Phase 4 and Phase 5 of development routing southward for redundancy in the new academic/research building complexes

**New Mexico State University
Utility Development Plan
2009**

Building & Utility Master List

Bldg. #	Building Name	Year Built	Address	Category	GSF						Dwg Area	Notes	Chilled Water	Steam	Natural Gas	Electricity	Utility Corridor
					2009	2014	2019	2024	2029	2034							
EXISTING BUILDINGS																	
264	12" Observatory, "A" Mtn South	1964	4555 Observatory Rd.	ACAD - LAB	1,915	1,915	1,915	1,915	1,915	1,915	-					X	
283	24" Observatory, "A" Mtn North	1967	4525-1 Observatory Rd.	ACAD - LAB	1,432	1,432	1,432	1,432	1,432	1,432	-					X	
602	A Mountain Transmitter Building	2006	4530 Observatory Road	POM	990	990	990	990	990	990	-					X	
412A	Academic Research A	1990	1620 Standley Dr.	ACAD - CLASSROOM	10,035	10,035	10,035	10,035	10,035	0	10			X	X		
412B	Academic Research B	1990	1620 Standley Dr.	ACAD - CLASSROOM	9,997	9,997	9,997	9,997	9,997	0	10			X	X		
412C	Academic Research C	1990	1620 Standley Dr.	ACAD - CLASSROOM	10,038	10,038	10,038	10,038	10,038	0	10			X	X		
471	Aggie Express Convenience Store & Laundry	1992	3555 Williams Dr.	HOUSING	7,423	7,423	7,423	7,423	7,423	7,423	10			X	X		
316	Ag. Service Storage			AUX	3,697	3,697	3,697	0	0	0	10					X	
343	Air Test Facility	1977	1625 Standley Dr.	ACAD - CLASSROOM	1,630	1,630	1,630	1,630	0	0	10			X	X		
44	Alumni & Visitors Center	1928	775 College Dr.	ADMIN	7,588	7,588	7,588	7,588	7,588	7,588	2			X	X		
347	Animal Care Facility	1978	3520 Research Dr.	ACAD - LAB	4,058	4,058	4,058	4,058	4,058	4,058	10			X	X		
162	Animal Husbandry			ACAD	3,997	3,997	0	0	0	0	6					X	
290	Animal Husbandry			ACAD	3,440	3,440	0	0	0	0	6					X	
198	Animal Science			ACAD	3,890	3,890	0	0	0	0	6					X	
375	Animal Science Shop			ACAD	3,022	3,022	0	0	0	0	6			X	X		
417	Antenna Farm Shed	1990	3615 Locust Ave.	ACAD - CLASSROOM	180	180	180	180	180	180	10					X	
225	Astronomy Building	1959	1320 Frenger Mall	ACAD - LAB	15,486	15,486	15,486	15,486	15,486	15,486	7		X	X		X	
611	Baseball Locker Room	2006		AUX	2,970	2,970	2,970	2,970	2,970	2,970	7					X	
552	Baseball Office and Locker Room	1997	3315 Locust St.	AUX	2,251	2,251	2,251	2,251	2,251	2,251	7					X	
579	Baseball Press Box	2000	3315 Locust St.	AUX	511	511	511	511	511	511	7					X	
578	Baseball Public Restrooms	2000	3315 Locust St.	AUX	903	903	903	903	903	903	7					X	
553	Baseball Visitor's Dugout	1997	3315 Locust St.	AUX	543	543	543	543	543	543	7					X	
241	Beef Office	1963	965 Stewart St.	ACAD - CLASSROOM	1,462	1,462	0	0	0	0	6					X	
329	Biological Control Insectary	1973	3080 Knox St.	ACAD - LAB	7,224	7,224	0	0	0	0	6			X	X		
82	Biology Annex	1941	3080 Williams Ave.	ACAD - LAB	11,280	11,280	11,280	11,280	11,280	11,280	7			X	X		
140	Biology Greenhouse, East	1966	3080 Williams Ave.	ACAD	294	294	294	294	294	294	7					X	
139	Biology Greenhouse, East Center	1966	3080 Williams Ave.	ACAD	294	294	294	294	294	294	7					X	
137	Biology Greenhouse, West	1966	3080 Williams Ave.	ACAD	294	294	294	294	294	294	7					X	
138	Biology Greenhouse, West Center	1966	3080 Williams Ave.	ACAD	294	294	294	294	294	294	7					X	
278	Branson Library	1951	1305 Frenger Mall	ACAD	159,696	159,696	159,696	159,696	159,696	159,696	6		X	X		X	
184	Breland Hall	1954	1525 Stewart St.	ACAD - LAB	95,313	95,313	95,313	47,657	47,657	47,657	7		X	X		X	
193	Bull Barn	1957	3145 Knox St.	ACAD - CLASSROOM	6,810	6,810	6,810	0	0	0	6					X	
386	Business Complex Building	1983	1320 University Ave.	ACAD - CLASSROOM	54,992	54,992	54,992	54,992	54,992	54,992	3		X	X		X	
30	Campus Police/Ag Institute	1930	725 College Dr.	ADMIN	19,310	19,310	19,310	19,310	19,310	19,310	1					X	
240	Cattle Feed Barn			ACAD	2,552	2,552	0	0	0	0	6					X	
376	Cattle Feed Barn/Animal Science	1982	955 Stewart St.	ACAD - CLASSROOM	5,502	5,502	0	0	0	0	6					X	
387B	Cervantes Village Apt Complex	1983	1390 Standley Dr.	HOUSING	15,968	15,968	15,968	15,968	15,968	0	10			X	X		
387D	Cervantes Village Apt Complex	1983	1400 Standley Dr.	HOUSING	17,964	17,964	17,964	17,964	17,964	0	10			X	X		
387E	Cervantes Village Apt Complex	1983	3650 Research Dr.	HOUSING	17,964	17,964	17,964	17,964	17,964	0	10			X	X		
413F	Cervantes Village Apt Complex	1989	1500 Center Dr.	HOUSING	15,968	15,968	15,968	15,968	15,968	0	10			X	X		
413G	Cervantes Village Apt Complex	1989	4201 Sam Steele Way	HOUSING	15,968	15,968	15,968	15,968	15,968	0	10			X	X		
415H	Cervantes Village Apt Complex	1991	4301 Sam Steele Way	HOUSING	16,768	16,768	16,768	16,768	16,768	0	10			X	X		
415J	Cervantes Village Apt Complex	1991	4401 Sam Steele Way	HOUSING	16,768	16,768	16,768	16,768	16,768	0	10			X	X		
387A	Cervantes Village, Bldg A (Children's Village)	1983	4101 Sam Steele Way	ACAD - LAB	15,968	15,968	15,968	15,968	15,968	0	10			X	X		
387C	Cervantes Village, Bldg C (Children's Village)	1983	4121 Sam Steele Way	HOUSING	15,968	15,968	15,968	15,968	15,968	0	10			X	X		
605	Chamisa Village	2006	1725 Stewart Street	HOUSING	114,056	114,056	114,056	114,056	114,056	114,056	7		X	X		X	
527	Chemical Waste Site Showers	1993	5400 Stirrup Rd.	POM	235	235	235	235	235	235	-					X	
187	Chemistry Building	1957	1175 North Horseshoe	ACAD - LAB	115,878	115,878	115,878	115,878	115,878	115,878	2		X	X	X	X	
268	Chi Omega Sorority House			HOUSING	6,388	6,388	6,388	0	0	0	3			X	X		
364	Clara Belle Williams Hall	1981	1395 International Mall	ACAD - LAB	24,671	24,671	24,671	24,671	24,671	24,671	3		X	X		X	

468	Coca Cola Weight Training Facility	1992	1800 Stewart St.	AUX	16,831	16,831	16,831	16,831	16,831	16,831	8			X		X	
270	Cole Village	1966	Individually addressed units	HOUSING	168,040	168,040	168,040	168,040	168,040	0	9				X	X	
434	Commodity Barn			ACAD	2,011	2,011	0	0	0	0	6					X	
126	Computer Center	1966	1275 Stewart St.	ACAD - LAB	40,288	40,288	40,288	40,288	40,288	40,288	6		X	X		X	X
285	Corbett Center	1968	1600 International Mall	AUX	213,313	213,313	213,313	213,313	213,313	213,313	3		X	X	X	X	X
398	Cosmic Ray Lab	1989	3515 Locust St.	ACAD - LAB	917	917	917	0	0	0	10				X	X	
170	Dairy Farm			ACAD	6,137	6,137	0	0	0	0	6					X	
60	Dan W. Williams Hall	1938	1390 E. University Ave.	ACAD - LAB	36,857	36,857	0	0	0	0	3		X	X	X	X	
60A	Dan W. Williams Hall Annex	1984	1390 E. University Ave.	ACAD - LAB	11,926	11,926	0	0	0	0	3			X		X	
213	Delta Zeta Sorority House			HOUSING	6,270	6,270	0	0	0	0	3				X	X	
381	Departmental Storage			AUX	13,517	13,517	13,517	13,517	0	0	10					X	
382	Departmental Storage			AUX	13,517	13,517	13,517	13,517	0	0	10					X	
384	Departmental Storage			AUX	18,293	18,293	18,293	18,293	0	0	10					X	
341	Dona Ana Branch Community College			ACAD	194,000	194,000	194,000	194,000	194,000	194,000	6	1		X	X	X	
56	Dove Hall	1936	1305 North Horseshoe	ADMIN	13,476	13,476	13,476	13,476	13,476	13,476	2		X	X		X	
541	Ed and Harold Foreman Engineering Complex	1997	1060 Frenger Mall	ACAD - LAB	84,526	84,526	84,526	84,526	84,526	84,526	6		X	X		X	X
338	Educational Services Center	1978	1780 East University Ave.	ADMIN	50,366	50,366	50,366	50,366	50,366	50,366	4		X	X		X	X
363	Engineering Complex I	1980	1025 Stewart St.	ACAD - LAB	55,585	55,585	55,585	55,585	55,585	55,585	6		X	X	X	X	X
465	Equestrian Building			ACAD	334	334	334	334	334	334	6				X	X	
588	Equine Education Center	2003	750 Stewart St.	ACAD - CLASSROOM	6,395	6,395	6,395	6,395	6,395	6,395	6					X	
199	Farm Residence	1953	3140 Espina St.	ACAD - CLASSROOM	1,045	1,045	1,045	0	0	0	6				X	X	
166	Feed Storage			AUX	7,713	7,713	0	0	0	0						X	
303	Feeding Research Building			ACAD	1,816	1,816	1,816	0	0	0	6					X	
267	Fire Station	1965	1510 Wells St.	POM	9,476	9,476	9,476	9,476	0	0	10				X	X	
320	Flammable Storage			AUX	862	862	862	0	0	0	10					X	
612	Football Team Building	2007	1810 Stewart St.	AUX	4,293	4,293	4,293	4,293	4,293	4,293	8				X	X	
34	Foster Hall	1930	1200 S. Horseshoe	ACAD - LAB	98,084	98,084	98,084	98,084	98,084	98,084	6		X	X	X	X	X
262	Frenger Food Court	1965	1420 Frenger Mall	AUX	6,678	6,678	6,678	6,678	6,678	6,678	7				X	X	
596	Fulton Athletic Center (Stadium Annex)	2004	1815 Wells St.	AUX	37,069	37,069	37,069	37,069	37,069	37,069	8				X	X	
154	Garcia Annex	1949	3024 Locust St.	ADMIN	28,895	28,895	28,895	28,895	28,895	28,895	7		X			X	
275	Garcia Residence Hall	1968	1715 International Mall	HOUSING	208,371	208,371	208,371	208,371	208,371	208,371	3		X	X		X	X
188	Gardiner Hall	1957	1255 North Horseshoe	ACAD - LAB	63,224	63,224	63,224	63,224	63,224	63,224	2		X	X	X	X	X
394A	Genesis Center A	1987	3655 Research Dr.	IO - LAB	10,000	10,000	10,000	10,000	10,000	0	10				X	X	
394B	Genesis Center B	1987	3655 Research Dr.	IO	10,000	10,000	10,000	10,000	10,000	0	10				X	X	
394C	Genesis Center C	1987	3655 Research Dr.	IO	10,011	10,011	10,011	10,011	10,011	0	10				X	X	
395	Genesis Center Office	1987	3655 Research Dr.	IO	2,500	2,500	2,500	2,500	2,500	0	10					X	
392	Geothermal Greenhouse	1985	3490 Aggie Rodeo Dr.	IO	6,000	6,000	6,000	6,000	6,000	6,000	-					X	
393	Geothermal Greenhouse	1985	3490 Aggie Rodeo Dr.	IO	6,000	6,000	6,000	6,000	6,000	6,000	-					X	
464	Geothermal Storage	1985	3490 Aggie Rodeo Dr.	IO	2,412	2,412	2,412	2,412	2,412	2,412	-					X	
244	Gerald Thomas Hall	1963	940 College Dr.	ACAD - LAB	139,950	139,950	139,950	139,950	139,950	139,950	2		X	X	X	X	X
10	Goddard Hall	1913	1100 South Horseshoe	ACAD - LAB	31,942	31,942	31,942	31,942	31,942	31,942	2		X	X		X	
597	Golf Course Clubhouse	2004	3500 Herb Wimberly Drive	AUX	20,053	20,053	20,053	20,053	20,053	20,053	-					X	
577	Golf Course East Restrooms	1987	4225 Geothermal Dr.	AUX	139	139	139	139	139	139	-					X	
399	Golf Course Maintenance Bldg.	1988	4225 Geothermal Dr.	AUX	5,048	5,048	5,048	5,048	5,048	5,048	-					X	
378	Golf Course Pump House	1982	4225 Geothermal Dr.	AUX	302	302	302	302	302	302	-					X	
614	Golf Course Snack Bar	2007		AUX	214	214	214	214	214	214	-					X	
576	Golf Course West Restrooms	1987	4225 Geothermal Dr.	AUX	139	139	139	139	139	139	-					X	
582	Golf Driving Range Facility	1997	3895 Herb Wimberly Drive	AUX	919	919	919	919	919	919	-					X	
271	Greek Complex	1966	1745 Wells St.	HOUSING	7,653	7,653	7,653	0	0	0	7				X	X	
272	Greek Complex	1966	1745 Wells St.	HOUSING	7,653	7,653	7,653	0	0	0	7				X	X	
273	Greek Complex	1966	1745 Wells St.	HOUSING	7,653	7,653	7,653	0	0	0	7				X	X	
274	Greek Complex	1966	1745 Wells St.	HOUSING	7,653	7,653	7,653	0	0	0	7				X	X	
414	Greek Complex	1990	1775 Wells St.	HOUSING	36,908	36,908	36,908	0	0	0	7				X	X	
288	Guthrie Hall	1968	1325 International Mall	ACAD - CLASSROOM	41,531	41,531	41,531	41,531	41,531	41,531	3		X	X		X	X
172	Hadley Hall	1953	2855 Weddell St.	ADMIN	38,199	38,199	38,199	38,199	38,199	38,199	2		X	X		X	X
323	Hardman Hall	1974	2902 McFie Circle	ACAD - CLASSROOM	30,370	0	0	0	0	0	3		X	X		X	X
564	Headstart portable A, Anthony	1998	600 N. Fourth St., Anthony	ACAD - CLASSROOM	1,797	1,797	1,797	1,797	1,797	1,797	-					X	
589	Headstart portable B, Anthony	2002		ACAD - CLASSROOM	2,016	2,016	2,016	2,016	2,016	2,016	-					X	
593	Headstart portable C, Anthony	2003		ACAD - CLASSROOM	840	840	840	840	840	840	-					X	

540	Health and Public Services			ADMIN	41,737	41,737	41,737	41,737	41,737	41,737	9					X	
590	Health and Social Services Building	2003	1335 International Mall	ACAD - CLASSROOM	64,663	64,663	64,663	64,663	64,663	64,663	3		X	X	X	X	X
249	Herschell Zohn Theatre	1963	3014 McFie Circle	ACAD - CLASSROOM	23,572	0	0	0	0	0	7		X	X		X	X
54	Horse Farm Office	1935	401 W. Union Ave.	ACAD - CLASSROOM	6,011	6,011	6,011	6,011	6,011	6,011	6					X	
351	Hort Farm Greenhouse	1978	400 W. College	ACAD	4,098	4,098	4,098	4,098	4,098	4,098	1					X	
352	Hort Farm Greenhouse	1978	400 W. College	ACAD	4,098	4,098	4,098	4,098	4,098	4,098	1					X	
353	Hort Farm Greenhouse	1978	400 W. College	ACAD	3,655	3,655	3,655	3,655	3,655	3,655	1					X	
584	Hort Farm Greenhouse	2001	400 W. College	ACAD	2,935	2,935	2,935	2,935	2,935	2,935	1					X	
420	Hort Farm Greenhouse B	1980	400 W. College	ACAD	2,881	2,881	2,881	2,881	2,881	2,881	1					X	
421	Hort Farm Greenhouse C	1981	400 W. College	ACAD	2,881	2,881	2,881	2,881	2,881	2,881	1					X	
168	Hort Farm Implement Shed	1955	400 W. College	ACAD - CLASSROOM	1,929	1,929	1,929	1,929	1,929	1,929	1					X	
158	Hort Farm Office & Labs	1949	400 W. College	ACAD - LAB	5,366	5,366	5,366	5,366	5,366	5,366	1					X	
157	Hort Farm Office Seed Room	1948	400 W. College	ACAD - CLASSROOM	1,364	1,364	1,364	1,364	1,364	1,364	1					X	
508	Hort Farm Pump House	1993	400 W. College	ACAD	286	286	286	286	286	286	1					X	
374	Hort Farm Restrooms	1981	400 W. College	ACAD	367	367	367	367	367	367	1					X	
509	Hort Farm Shade House A	1995	400 W. College	ACAD - LAB	2,767	2,767	2,767	2,767	2,767	2,767	1					X	
510	Hort Farm Shade House B (By 158)	1995	400 W. College	ACAD - LAB	1,981	1,981	1,981	1,981	1,981	1,981	1					X	
511	Hort Farm Shade House C (By 353)	1995	400 W. College	ACAD - LAB	2,914	2,914	2,914	2,914	2,914	2,914	1					X	
28	Hort Farm Storage Shed	1902	400 W. College	ACAD - LAB	986	986	986	986	986	986	1					X	
478	Hort Farm Trailer	1994	400 W. College	ACAD - CLASSROOM	919	919	919	919	919	919	1					X	
467	Housing & Bookstore Warehouse	1992	3533 Locust St.	HOUSING	14,885	14,885	14,885	0	0	0	10				X	X	
361	J. Gordon Watts Entomology Lab, East	1978	650 College Dr.	ACAD - LAB	1,681	1,681	1,681	1,681	1,681	1,681	1				X	X	
360	J. Gordon Watts Entomology Lab, Middle	1978	650 College Dr.	ACAD - LAB	1,681	1,681	1,681	1,681	1,681	1,681	1				X	X	
359	J. Gordon Watts Entomology Lab, West	1978	650 College Dr.	ACAD - LAB	1,681	1,681	1,681	1,681	1,681	1,681	1				X	X	
432	J. Gordon Watts Lab Shop	1980	650 College Dr.	ACAD - CLASSROOM	500	500	500	500	500	500	1					X	
250	Jacobs Hall	1963	2908 McFie Circle	ACAD - LAB	22,433	0	0	0	0	0	3		X	X		X	X
321	James B. Delamater Activity Center	1973	1600 Stewart St.	ACAD - GYMNASIUM	114,109	114,109	114,109	114,109	114,109	114,109	7		X	X		X	X
190	Jett Annex	1957	1025 Frenger Mall	ACAD - LAB	6,529	6,529	6,529	6,529	6,529	6,529	6		X	X	X	X	X
189	Jett Hall	1956	1040 South Horseshoe	ACAD - LAB	84,091	84,091	84,091	84,091	84,091	84,091	2		X	X	X	X	
397	John Whitlock Hernandez Hall	1988	3035 S. Espina St.	ACAD - LAB	44,107	44,107	44,107	44,107	44,107	44,107	6		X	X		X	X
33	Kent Hall	1929	1280 E. University Ave.	ACAD - CLASSROOM	20,473	20,473	20,473	20,473	20,473	20,473	2		X	X		X	
368	Knox Hall	1981	2980 South Espina St.	ACAD - LAB	75,737	75,737	75,737	75,737	75,737	75,737	6		X	X	X	X	X
195	Livestock Judging Pavilion	1957	3020 South Espina St.	ACAD - CLASSROOM	3,899	3,899	0	0	0	0	6				X	X	
166	Livestock Office (Dairy Farm)	1952	3170 Knox St.	ACAD - LAB	7,713	7,713	7,713	7,713	7,713	7,713	6				X	X	
342	Memorial Stadium Locker Rooms	1978	1810 Stewart St.	AUX	33,890	33,890	33,890	33,890	33,890	33,890	8			X	X	X	
161	Memorial Tower	1950	1335 International Mall	ACAD - LAB	2,628	2,628	2,628	2,628	2,628	2,628	3					X	
372	Metabolism & Physiology Lab	1981	3020 Knox St.	ACAD - LAB	6,677	6,677	0	0	0	0	6				X	X	
83	Milton Hall	1941	2915 McFie Circle	ACAD - CLASSROOM	99,311	99,311	99,311	99,311	99,311	99,311	3		X	X		X	X
260	Monagle Residence Hall	1965	1525 International Mall	HOUSING	121,457	121,457	0	0	0	0	3		X	X		X	X
389	Music Building	1983	1075 North Horseshoe	ACAD - CLASSROOM	56,153	56,153	56,153	56,153	56,153	56,153	2		X	X		X	
36	Nason House	1918	1070 E. University Ave.	ACAD - CLASSROOM	4,015	4,015	4,015	4,015	4,015	4,015	2				X	X	
251	Natorium	1962	1520 Stewart St.	AUX	15,421	15,421	15,421	15,421	15,421	15,421	7			X	X	X	
164	Neale Hall	1951	3080 South Espina St.	ACAD - LAB	15,868	15,868	0	0	0	0	6			X	X	X	
2	Nematology Lab	1890	655 College Dr.	ACAD - LAB	5,420	5,420	5,420	5,420	5,420	5,420	1				X	X	
330	New Mexico Dept. of Agriculture	1975	3190 South Espina St.	IO	28,288	28,288	28,288	28,288	28,288	28,288	6		X	X	X	X	
287	O'Donnell Hall	1968	1220 Stewart St.	ACAD - LAB	93,858	93,858	93,858	93,858	93,858	93,858	6		X	X	X	X	X
220	OFS Carpentry Shop	1960	1530 Wells St.	POM	6,372	6,372	6,372	6,372	0	0	10				X	X	
269	OFS Central Heating Plant	1966	3060 Sweet St.	POM	21,071	21,071	21,071	21,071	21,071	21,071	6		X	X	X	X	X
599	OFS Conference Room	2003	1530 Wells St.	ADMIN	551	551	551	551	551	551	10					X	
254	OFS Construction	1962	1530 Wells St.	POM	4,593	4,593	4,593	4,593	0	0	10				X	X	
152	OFS Custodial Quonset	1948	1710 Wells St.	POM	5,307	5,307	5,307	5,307	0	0	10				X	X	
223	OFS Grounds	1959	1530 Wells St.	POM	7,687	7,687	7,687	7,687	0	0	10				X	X	
218	OFS Lock Shop	1960	3520 Locust St.	POM	1,166	1,166	1,166	1,166	0	0	10				X	X	
455	OFS Masonry Shop	1989	1530 Wells St.	POM	1,022	1,022	1,022	1,022	0	0	10				X	X	
373	OFS Motor Pool	1981	3535 Research Dr.	POM	3,636	3,636	3,636	3,636	0	0	10					X	
221	OFS Office	1960	1530 Wells St.	POM	6,461	6,461	6,461	6,461	0	0	10				X	X	
536	OFS Recycling Center	1995	3540 Locust St.	POM	3,059	3,059	3,059	3,059	0	0	10				X	X	
237	OFS Shops/Boiler Room	1960	1520 Wells St.	POM	10,704	10,704	10,704	10,704	0	0	10				X	X	
153	OFS Storage Quonset	1949	1620 Wells St.	POM	5,095	5,095	5,095	5,095	0	0	10				X	X	

222	OFS Warehouse	1960	1600 Wells St.	POM	25,306	25,306	25,306	25,306	0	0	10				X	X		
179	O'Loughlin House	1953	1130 E. University Ave.	ACAD - CLASSROOM	1,933	1,933	1,933	1,933	1,933	1,933	2				X	X		
284	Pan American Center	1968	1810 E. University Ave.	AUX	215,633	215,633	215,633	215,633	215,633	215,633	4			X	X	X	X	
348	Passive Solar	1978	4003 Geothermal Dr.	ACAD	3,171	3,171	3,171	3,171	3,171	3,171	-							
314	PE Restrooms/Track Field	1970	3415 Williams Ave.	AUX	307	307	307	307	0	0	7						X	
390	PGEL Greenhouses	1985	2990 Knox St.	ACAD	5,982	5,982	0	0	0	0	6						X	
426	PGEL Headhouse/Lab	1989	2990 Knox St.	ACAD - LAB	4,104	4,104	0	0	0	0	6				X	X		
369	Photovoltaic Center	1980	3705 Research Dr.	ACAD - LAB	3,002	3,002	3,002	3,002	3,002	3,002	12						X	
514	Photovoltaic Labs	1980	3705 Research Dr.	ACAD - LAB	8,951	8,951	8,951	8,951	8,951	8,951	12						X	
604	Pinon Hall	2006	1760 E. University	HOUSING	97,395	97,395	97,395	97,395	97,395	97,395	3		X	X			X	
366	President's Residence	1979	4501 Geothermal Dr.	ADMIN	6,568	6,568	6,568	6,568	6,568	6,568	-							
243	PSL Annex	1961	1050 Stewart St.	ACAD - CLASSROOM	6,288	6,288	6,288	0	0	0	6						X	
520	PSL Antenna Range Central Tower	1962	2999 Observatory Rd.	ACAD - LAB	100	100	100	100	100	100	-							
518	PSL Antenna Range Model Building, Central Tower	1962	3500 E. University Ave.	ACAD - LAB	271	271	271	271	271	271	1						X	
521	PSL Antenna Range North Tower	1962	2899 Observatory Rd.	ACAD - LAB	100	100	100	100	100	100	-							
519	PSL Antenna Range South Tower	1962	2999 Observatory Rd.	ACAD - LAB	100	100	100	100	100	100	-							
523	PSL Astro Hut	1969	1050 Stewart St.	ACAD - LAB	100	100	100	100	100	100	6						X	
259	PSL Central Control Building/Antenna Range	1958	2999 Observatory Rd.	ACAD - LAB	950	950	950	950	950	950	-							
472	PSL Environmental Test Facility	1992	1050 Stewart St.	ACAD - LAB	1,200	1,200	1,200	1,200	1,200	1,200	6			X			X	
280	PSL Fabrication Shop	1966	1050 Stewart St.	ACAD - CLASSROOM	6,856	6,856	6,856	0	0	0	6				X		X	
279	PSL Garage/Carpentry/Paint Shop	1966	1050 Stewart St.	ACAD - CLASSROOM	6,800	6,800	6,800	0	0	0	6				X		X	
228	PSL Guard House, Antenna Range	1969	2899 Observatory Rd.	ACAD - CLASSROOM	64	64	64	64	64	64	-							
281	PSL Guard House/Main Campus	1966	1055 Gregg St	ACAD - CLASSROOM	108	108	108	0	0	0	6						X	
625	PSL Hanger	2008		ACAD - CLASSROOM	15,459	15,459	15,459	15,459	15,459	15,459	-							
256	PSL High Bay/Antenna Range	1962	2999 Observatory Rd.	ACAD - LAB	1,650	1,650	1,650	1,650	1,650	1,650	-							
216	PSL Machine Shop	1959	1050 Stewart St.	ACAD - CLASSROOM	7,570	7,570	7,570	0	0	0	6						X	
257	PSL Receiver-North/Antenna Range	1962	2899 Observatory Rd.	ACAD - LAB	255	255	255	255	255	255	-							
258	PSL Receiver-South/Antenna Range	1962	2999 Observatory Rd.	ACAD - LAB	255	255	255	255	255	255	-							
242	PSL Solar Building	1969	1050 Stewart St.	ACAD - LAB	152	152	152	152	152	152	6						X	
263	PSL, Clinton P. Anderson Hall	1965	1050 Stewart St.	ACAD - LAB	135,847	135,847	135,847	135,847	135,847	135,847	6		X	X			X	X
248	Regents Row	1962	3034 McFie Circle	ADMIN	82,386	82,386	82,386	82,386	0	0	7		X	X			X	
211	Rentfrow Gym	1958	3165 Williams Ave.	ACAD - GYMNASIUM	13,622	13,622	0	0	0	0	7				X		X	
185	Rhodes-Garrett-Hamiel Res Hall	1955	2735 Jordan St.	HOUSING	18,522	18,522	18,522	18,522	18,522	18,522	3		X	X			X	X
79	Rhodes-Garrett-Hamiel Res Hall	1941	2715 Jordan St.	HOUSING	19,604	19,604	19,604	19,604	19,604	19,604	3		X	X			X	X
80	Rhodes-Garrett-Hamiel Res Hall	1941	2725 Jordan St.	HOUSING	27,709	27,709	27,709	27,709	27,709	27,709	3		X	X			X	X
441	Rodeo Arena Supervisor's Trailer	1989	3449 Aggie Rodeo Dr.	AUX	1,593	1,593	1,593	1,593	1,593	1,593	-							
377	Rodeo Tack Room	1982	3449 Aggie Rodeo Dr.	AUX	960	960	960	960	960	960	-							
391	Science Hall	1987	1290 Frenger Mall	ACAD - LAB	114,918	114,918	114,918	114,918	114,918	114,918	6		X	X			X	X
194	Sheep Barn	1957	950 Frenger St.	ACAD - CLASSROOM	7,878	7,878	0	0	0	0	6						X	
513	Sheep Shearing/Lambing Barn	1995		ACAD - CLASSROOM	269	269	0	0	0	0	6						X	
551	Skeen Hall	1999	945 College Dr.	ACAD - LAB	135,896	135,896	135,896	135,896	135,896	135,896	2		X	X	X	X	X	X
246	Small Animal Research Lab	1962	970 Frenger St.	ACAD - LAB	2,278	2,278	0	0	0	0	6				X		X	
610	Softball Film Room	2006		AUX	1,392	1,392	1,392	1,392	1,392	1,392	7						X	
554	Softball Office and Locker Room	1997	1780 Stewart St.	AUX	2,251	2,251	2,251	2,251	2,251	2,251	7						X	
581	Softball Press Box	2000	1780 Stewart St.	AUX	511	511	511	511	511	511	7						X	
580	Softball Public Restrooms	2000	1780 Stewart St.	AUX	903	903	903	903	903	903	7						X	
555	Softball Visitor's Dugout	1997	1780 Stewart St.	AUX	543	543	543	543	543	543	7						X	
365	Speech Building	1981	1405 International Mall	ACAD - CLASSROOM	28,322	28,322	28,322	28,322	28,322	28,322	3		X	X			X	X
282	Stucky Hall	1970	3170 South Espina St.	IO - LAB	5,234	5,234	5,234	0	0	0	6				X		X	
261	Student Health Center	1965	3080 Breland Dr.	AUX	16,456	16,456	16,456	16,456	16,456	16,456	7		X	X			X	
212	Sugerman Space Grant Building	1958	3050 Knox St.	ACAD - CLASSROOM	2,402	2,402	0	0	0	0	6				X		X	
206	Sutherland Village	1958	Individually addressed units	HOUSING	142,400	142,400	142,400	142,400	0	0	6				X		X	
196	Swine Barn			ACAD	4,362	4,362	0	0	0	0	6				X		X	
562	SWTDI Aquaculture Greenhouse	1993	3425 Water Pump Rd.	ACAD - LAB	3,062	3,062	3,062	3,062	3,062	3,062	-							
245	Tejada Building, Extension Annex	1962	3005 Knox St.	ACAD - LAB	11,182	11,182	0	0	0	0	6				X		X	
601	Tennis Center	2006	1800 Wells Street	ACAD	3,888	3,888	3,888	3,888	3,888	3,888	10				X		X	
385	Theatre Scene Shop	1983	3525 Locust St.	ACAD - CLASSROOM	7,886	7,886	7,886	0	0	0	10				X		X	
301	Thomas & Brown Hall	1972	1125 Frenger Mall	ACAD - LAB	49,711	49,711	49,711	49,711	49,711	49,711	6		X	X			X	X
214	Tom Fort Village	1959	Individually addressed units	HOUSING	71,200	71,200	71,200	71,200	71,200	0	9				X		X	

318	Tombaugh Observatory (Center)	1971	3415 Williams Ave.	ACAD - LAB	196	196	196	196	0	0	7							X	
317	Tombaugh Observatory (North)	1971	3415 Williams Ave.	ACAD - LAB	196	196	196	196	0	0	7							X	
319	Tombaugh Observatory (South)	1971	3415 Williams Ave.	ACAD - LAB	196	196	196	196	0	0	7							X	
459	VERL Farm Trailer 2 (9202-146)	1979	3115-2 Aggie Rodeo Dr	ACAD - CLASSROOM	703	703	703	703	703	703	-								
460	VERL Farm Trailer 3	1979	3115-3 Aggie Rodeo Dr	ACAD - CLASSROOM	840	840	840	840	840	840	-								
615	VERL Farm Trailer 3	1995		ACAD - CLASSROOM	900	900	900	900	900	900	-								
535	VERL Farm, Scabies Colony Lab	1980	3115 Aggie Rodeo Dr	ACAD - LAB	625	625	625	625	625	625	-								
534	VERL Farm, Scabies Mite Lab	1980	3115 Aggie Rodeo Dr	ACAD - LAB	216	216	216	216	216	216	-								
428	VERL Farm, Shop	1979	3115-6 Aggie Rodeo Dr	ACAD - CLASSROOM	3,202	3,202	3,202	3,202	3,202	3,202	-								
458	VERL Trailer 1 (9202-1072)	1979	3115-1 Aggie Rodeo Dr	ACAD - CLASSROOM	703	703	703	703	703	703	-								
367	VERLOffice/Lab	1980	3115-4 Aggie Rodeo Dr	ACAD - LAB	5,965	5,965	5,965	5,965	5,965	5,965	-								
462K	Vista del Monte Apt Complex	1992	1435 Standley Dr.	HOUSING	4,650	4,650	4,650	4,650	4,650	4,650	10							X	
462M	Vista del Monte Apt Complex	1992	1415 Standley Dr.	HOUSING	7,079	7,079	7,079	7,079	7,079	7,079	10							X	
462N	Vista del Monte Apt Complex	1992	3551 Williams Ave.	HOUSING	7,079	7,079	7,079	7,079	7,079	7,079	10							X	
462P	Vista del Monte Apt Complex	1992	3553 Williams Ave	HOUSING	9,278	9,278	9,278	9,278	9,278	9,278	10							X	
526Q	Vista del Monte Apt Complex	1995	3560 Research Dr.	HOUSING	7,070	7,070	7,070	7,070	7,070	7,070	10							X	
526R	Vista del Monte Apt Complex	1995	1455 Standley Dr.	HOUSING	7,070	7,070	7,070	7,070	7,070	7,070	10							X	
526S	Vista del Monte Apt Complex	1995	3548 Research Dr.	HOUSING	7,483	7,483	7,483	7,483	7,483	7,483	10							X	
526T	Vista del Monte Apt Complex	1995	3540 Research Dr.	HOUSING	7,070	7,070	7,070	7,070	7,070	7,070	10							X	
526U	Vista del Monte Apt Complex	1995	3546 Research Dr.	HOUSING	7,070	7,070	7,070	7,070	7,070	7,070	10							X	
526V	Vista del Monte Apt Complex	1995	3547 Williams Ave.	HOUSING	7,070	7,070	7,070	7,070	7,070	7,070	10						X	X	
526W	Vista del Monte Apt Complex	1995	3545 Williams Ave.	HOUSING	7,070	7,070	7,070	7,070	7,070	7,070	10					X	X	X	
526X	Vista del Monte Apt Complex	1995	3525 Williams Ave.	HOUSING	7,256	7,256	7,256	7,256	7,256	7,256	10							X	
388	Vista Del Monte Community Center	1984	1410 Center Dr.	HOUSING	3,393	3,393	3,393	3,393	3,393	3,393	10							X	
276	Walden Hall	1966	1200 Frenger Mall	ACAD - LAB	36,259	36,259	36,259	36,259	36,259	36,259	6			X	X			X	X
355	Wells Hall	1978	1720 Wells St.	ACAD - LAB	20,049	20,049	20,049	0	0	0	10					X	X	X	X
466	West Sheep Unit			ACAD	788	788	0	0	0	0	6							X	
512	West Sheep Office	1995		ACAD - CLASSROOM	118	118	0	0	0	0	6							X	
35	William B. Conroy Honors Center	1907	2745 South Espina St.	ACAD - CLASSROOM	9,505	9,505	9,505	9,505	9,505	9,505	2			X	X			X	
517	Williams Sculpture Shed	1995	1390 E. University Ave.	ACAD - CLASSROOM	592	592	592	592	592	592	3							X	
371	Wind Tunnel/Research Building	1981	1635 Standley Dr.	ACAD - LAB	10,031	10,031	10,031	10,031	0	0	10						X	X	
585	Wooten Hall (Jornada)	2002		ACAD - LAB	29,600	29,600	29,600	29,600	29,600	29,600	6			X				X	
32	Young Hall	1928	1300 South Horseshoe	ACAD - CLASSROOM	12,713	12,713	12,713	12,713	12,713	12,713	2			X	X			X	
163	Zeta Tau Alpha Sorority House			HOUSING	8,232	8,232	0	0	0	0	3					X		X	
461	Zuhl Library	1992	2911 McFie Circle	ACAD	95,952	95,952	95,952	95,952	95,952	95,952	7			X	X			X	X

NOTES:

1 Dona Ana Community College square footage represents total building area served by the main campus steam distribution, no other utilities are provided to this building through the main campus

FIVE-YEAR ADDITIONS

05-01	Arts Complex - Phase 1	2014	-	ACAD - CLASSROOM		234,000	234,000	234,000	234,000	234,000	2			X	X			X	
05-02	Institute for Public Policy (Domenici Center)	2014	-	ACAD - CLASSROOM		55,980	55,980	55,980	55,980	55,980	3			X	X			X	
05-03	Student Service Facility, Ph. 1	2014	-	ADMIN		37,500	37,500	37,500	37,500	37,500	3			X	X			X	
05-04	Native American Cultural Center	2014	-	ACAD - CLASSROOM		26,900	26,900	26,900	26,900	26,900	7			X	X			X	
05-05	Tech. Lab/Classroom Facility	2014	-	ACAD - CLASSROOM/LAB		60,000	60,000	60,000	60,000	60,000	3	1		X	X	X		X	
05-06	Arrowhead Center Expansion, Ph. 1 (4 buildings)	2014	-	IO		61,302	61,302	61,302	61,302	61,302	12	2							
05-07	Parking Lots	2014	-	AUX		N/A	N/A	N/A	N/A	N/A	11								X
05-08	Bookstore	2014	-	AUX		35,000	35,000	35,000	35,000	35,000	3			X	X			X	
05-09	NMDA Building Renovations and Additions	2014	-	IO		60,000	60,000	60,000	60,000	60,000	6			X	X			X	
05-10	Addition to the Health and Social Services Building	2014	-	ACAD - CLASSROOM		7,387	7,387	7,387	7,387	7,387	3			X	X			X	
05-11	Football Offices (Stadium Phase 2)	2014	-	AUX		6,749	6,749	6,749	6,749	6,749	8							X	
05-12	Soccer Facility	2014	-	AUX		10,000	10,000	10,000	10,000	10,000	8							X	
05-13	Chamisa Dorms, Ph. 2	2014	-	HOUSING		55,628	55,628	55,628	55,628	55,628	7	3		X	X			X	
05-14	Dual - Credit Las Cruces High School (Arrowhead)	2014	-	IO		242,510	242,510	242,510	242,510	242,510	11								

NOTES:

1 following demolition of Hardman Hall (323), Jacobs Hall (250), and the Zohn Theatre (249)

- 2 SF based on building footprint for single story
- 3 SF based on assumption that Ph. 2 will double the size of the facility

TEN-YEAR ADDITIONS																
10-01	West Mixed Use/Graduate Housing	2019	-	HOUSING			64,800	64,800	64,800	64,800	3	1	X	X		X
10-02	East Mixed Use/Graduate Housing, Ph. 1	2019	-	HOUSING			116,100	116,100	116,100	116,100	3	1,2	X	X		X
10-03	Student Service Facility, Ph. 2	2019	-	ADMIN			37,500	37,500	37,500	37,500	3	3,4	X	X		X
10-04	New Undergraduate Housing	2019	-	HOUSING			56,520	56,520	56,520	56,520	3	3,5	X	X		X
10-05	Plaza (off campus)	2019	-	AUX			N/A	N/A	N/A	N/A	3					
10-06	New Married Student Housing	2019	-	HOUSING			165,660	165,660	165,660	165,660	7	5	X	X		X
10-07	Student Activities Expansion	2019	-	AUX			87,160	87,160	87,160	87,160	7	6,10	X	X		X
10-08	New Academic Buildings	2019	-	ACAD - CLASSROOM			263,250	263,250	263,250	263,250	6	1,7	X	X		X
10-09	Parking Lots	2019	-	AUX			N/A	N/A	N/A	N/A	6	8				X
10-10	New Metabolism and Surgery Building	2019	-	ACAD - LAB			8,000	8,000	8,000	8,000	6					X
10-11	New Processing Lab Building with Adjacent Animal Pens	2019	-	ACAD - LAB			10,000	10,000	10,000	10,000	6					X
10-12	Arrowhead Expansion, Ph. 2 (7 buildings)	2019	-	IO			216,443	216,443	216,443	216,443	13					
10-13	Regent's Lawn Landscape Improvements	2019	-	AUX			N/A	N/A	N/A	N/A	3					X
10-14	Jordan Street Gateway	2019	-	AUX/Housing			190,000	190,000	190,000	190,000	3	9	X	X		X
10-15	Equestrian Center	2019	-	ACAD - CLASSROOM			72,280	72,280	72,280	72,280	6	10,11				X
10-16	Arts Complex - Phase II (Visual Arts)	2019	-	ACAD - CLASSROOM			71,500	71,500	71,500	71,500	2		X	X		X
10-17	Jordan Street Parking Garage (4 level)	2019	-	AUX			239,400	239,400	239,400	239,400	3	12				X

- NOTES:
- 1 SF based on building footprint for three stories
 - 2 following demolition of Delta Zeta and Zeta Tau Alpha sorority houses (213, 163)
 - 3 following demolition of Monagle Hall (260)
 - 4 SF based on assumption that Ph. 2 will double the size of the facility
 - 5 SF based on footprint for three stories
 - 6 following demolition of Rentfrow Gymnasium (211)
 - 7 following demolition of Animal Science (376, 241, 198), Tejada Extension Annex (245), Animal Husbandry Barn (162), Sheep Barns (194), Cattle Feed Barn (240), Small Animal Lab (246), Livestock Judging Pavilion (195) and Neale Hall (164)
 - 8 following demolition of Biological Control Insectory (329), Metabolism and Physiology Lab (372), PGEL Greenhouse and Lab (390, 426), Animal Science Shop (375), Swine Barn (196), Sugerman Space Grant Building (212), West Sheep Unit (512, 466) and Sheep Shearing/Lambing Barn (513)
 - 9 following demolition of D.W. Williams Hall and Annex (60, 60A)
 - 10 SF based on building footprint for single story
 - 11 following demolition of Dairy Farm/Feed Storage and the Commodity Barn Facilities (170, 166, 434) (465 stags)
 - 12 SF based on building footprint for four stories

FIFTEEN-YEAR ADDITIONS																
15-01	East Mixed Use/Graduate Housing, Ph. 2	2024	-	HOUSING				117,720	117,720	117,720	3	1,2	X	X		X
15-02	Zuhl Library Expansion	2024	-	ACAD				110,850	110,850	110,850	7	1,3	X	X		X
15-03	Academic/Lab Building	2024	-	ACAD - LAB				26,220	26,220	26,220	6	1	X	X	X	X
15-04	Academic Building	2024	-	ACAD - CLASSROOM				117,600	117,600	117,600	7	1	X	X		X
15-05	Academic/Lab Building	2024	-	ACAD - LAB				218,190	218,190	218,190	6	1,4	X	X	X	X
15-06	Research/Lab Building	2024	-	ACAD - LAB				233,250	233,250	233,250	6	1,5	X	X	X	X
15-07	Academic/Lab Building	2024	-	ACAD - LAB				90,930	90,930	90,930	7	1	X	X	X	X
15-08	Athletic Program Expansion, North	2024	-	AUX				65,760	65,760	65,760	8	1			X	X
15-09	Greek or Family Housing, Ph. 1	2024	-	HOUSING				81,900	81,900	81,900	10	6			X	X
15-10	Athletic Program Expansion, South	2024	-	AUX				65,760	65,760	65,760	11	1			X	X
15-11	Softball and Soccer Complex	2024	-	AUX				17,600	17,600	17,600	8	7				X
15-12	Baseball Complex	2024	-	AUX				177,560	177,560	177,560	11	7				X
15-13	Arrowhead Expansion, Ph. 3 (8 buildings)	2024	-	IO				278,220	278,220	278,220	14					
15-14	O'Donnell Hall - Phase II	2024	-	ACAD - CLASSROOM				35,000	35,000	35,000	6		X	X		X
15-15	Arts Complex - Phase III (Performance Hall)	2024	-	ACAD - CLASSROOM				76,500	76,500	76,500	2		X	X		X

- NOTES:

1	SF based on building footprint for three stories
2	following demolition of Chi Omega sorority houses (268)
3	following demolition of Breland Hall Addition (north part of 184)
4	following demolition of Bull Barn (193), Hearsmen Residence (199), Stucky Hall (282), Animal Husbandry (290), and the Feeding Research Building (303)
5	following demolition of PSL West Shop (280), Guardhouse (281), Machine Shop (216), Rocket Shop (243) and East Shop (279)
6	following demolition of East and West Greek Complexes (271, 272, 273, 274, 414), Wells Hall (355), Cosmic Ray Lab (398), Theatre Scene Shop (385), Housing Warehouse (467), Ag Service Storage (316) and Flammable Storage (320), SF based on building footprint for two stories
7	SF based on building footprint for two stories

TWENTY-YEAR ADDITIONS																	
20-01	Academic/Lab Building	2029	-	ACAD - LAB						118,260	118,260	7	1,2	X	X	X	X
20-02	Academic/Research Building	2029	-	ACAD - CLASSROOM						686,350	686,350	6	3,4	X	X		X
20-03	Academic/Research Building	2029	-	ACAD - CLASSROOM						273,440	273,440	7	3,5	X	X		X
20-04	Family Housing, Ph. 2	2029	-	HOUSING						255,064	255,064	7	3	X	X		X
20-05	Athletic Program Expansion	2029	-	AUX						111,420	111,420	11	1			X	X
20-06	Recreation Field Expansion	2029	-	AUX					N/A	N/A		10	6				X
20-07	Arrowhead Expansion, Ph. 4 (9 buildings)	2029	-	IO						203,200	203,200	13	7				
20-08	Arts Complex - Phase IV (Music, Dance, CMI)	2029	-	ACAD - CLASSROOM						36,000	36,000	2		X	X		X

NOTES:

1	SF based on building footprint for three stories
2	following demolition of Regent's Row Dorms (248)
3	SF based on building footprint for two stories
4	following demolition of Sutherland Village (206)
5	following demolition of Tombaugh Observatory (317, 318, 319) and PE Restroom (314)
6	following demolition of Fire Station (267), PPD Motor Pool (373), Physical Plant (221, 237, 220, 218, 223, 254, 455), PPD Warehouse (222, 153), PPD Custodial Office (152), Recycling Center 536, Storage (381, 382, 384), Air Test Facility (343) and Wind Tunnel (371)
7	following demolition of Aldershot Greenhouse

BEYOND TWENTY-YEAR ADDITIONS																	
25-01	Academic/Research Buildings	2034	-	ACAD - CLASSROOMS						864,366		9	1,4	X	X		X
25-02	Academic/Research Buildings	2034	-	ACAD - CLASSROOMS						439,110		10	2,4	X	X		X
25-03	Academic/Research Buildings	2034	-	ACAD - CLASSROOMS						338,655		10	3,4	X	X		X
25-04	Arts Complex - Phase V	2034	-	ACAD - CLASSROOMS						251,388		2	4	X	X		X
25-05	Arts Complex - Parking Garage (4 levels)	2034	-	AUX						239,400		2	5				X

NOTES:

1	following demolition of Tom Fort Village and Cole Village
2	following demolition of Cervantes Housing
3	following demolition of Genesis Center (394, 395) and Academic Research Center (412)
4	SF based on building footprint for three stories
5	SF based on building footprint for four stories

TOTALS:										5,514,547	6,331,128	7,622,060	9,119,293	10,430,474	12,112,268		
----------------	--	--	--	--	--	--	--	--	--	-----------	-----------	-----------	-----------	------------	------------	--	--

POM - Productions and Operations Management
 IO - Independent Operation
 AUX - Auxiliary

NEW MEXICO STATE UNIVERSITY UTILITY DEVELOPMENT PLAN

STAGE 2 - JUNE 16, 2009
GLHN PROJECT No. 0874.00



INDEX OF DRAWINGS

CVR	
M1.1-M1.6	Chilled Water Plan - 2009 SET
M1A.1-M1A.6	Chilled Water Plan - 2014 SET
M1B.1-M1B.6	Chilled Water Plan - 2019 SET
M1C.1-M1C.6	Chilled Water Plan - 2024 SET
M1D.1-M1D.8	Chilled Water Plan - 2029 SET
M1E.1-M1E.8	Chilled Water Plan - 2034 SET
M2.1-M2.6	Steam Plan - 2009 SET
M2A.1-M2A.7	Steam Plan - 2014 SET
M2B.1-M2B.7	Steam Plan - 2019 SET
M2C.1-M2C.7	Steam Plan - 2024 SET
M2D.1-M2D.8	Steam Plan - 2029 SET
M2E.1-M2E.8	Steam Plan - 2034 SET
M3.1-M3.12	Natural Gas Plan - 2009 SET
M3A.1-M3A.11	Natural Gas Plan - 2014 SET
M3B.1-M3B.11	Natural Gas Plan - 2019 SET
M3C.1-M3C.11	Natural Gas Plan - 2024 SET
M3D.1-M3D.11	Natural Gas Plan - 2029 SET
M3E.1-M3E.11	Natural Gas Plan - 2034 SET
E1.00	Electrical Site Plan - All Areas - 2009
E1A.00	Electrical Site Plan - All Areas - 2014
E1B.00	Electrical Site Plan - All Areas - 2019
E1C.00	Electrical Site Plan - All Areas - 2024
E1D.00	Electrical Site Plan - All Areas - 2029
E1E.00	Electrical Site Plan - All Areas - 2034
E5A.00	Partial Single-Line - 2014
C1.1-C1.5	Existing Tunnel Site Plan - 2009 SET
C1A.1-C1A.3	Utility Corridor Plan - 2014 SET
C1B.1-C1B.4	Utility Corridor Plan - 2019 SET
C1C.1-C1C.4	Utility Corridor Plan - 2024 SET
C1D.1-C1D.5	Utility Corridor Plan - 2029 SET
C1E.1-C1E.3	Utility Corridor Plan - 2034 SET



2939 E. BROADWAY, TUCSON, ARIZONA 85716 520-881-4546 FAX 795-1822