

Guide to
MS 001
UTEP Architectural Drawings and Maps

1917 – 2014 Span Dates,
1917- 1939 Bulk Dates,

25 feet, 1 inch (linear)

Processed by Abbie Weiser
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Transferred by Javier Griego of the University of Texas at El Paso Planning and
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C.L. Sonnichsen Special Collections Department
University of Texas at El Paso

Biography or Historical Sketch

Created by Senate Bill 183, the State School of Mines and Metallurgy was founded in 1913 due to El Pasoans' requests for a school to train mining engineers and metallurgists to help support the local mining and smelting industries. In 1914 the State School of Mines opened on land and buildings east of Ft. Bliss that were formerly occupied by the El Paso Military Institute. University of Texas Regents named Stephen Worrell as the first dean. On its official opening day, September 23, 1914, twenty-seven male students enrolled in the School. By 1916 two women, Ruth Brown and Grace Odell, also enrolled. Later that year a fire destroyed the School's main building and the campus relocated to land donated by El Pasoans in the Sunset Heights area. After viewing British explorer's Jean Claude White's photographs of the Kingdom of Bhutan in the April 1914 issue of *National Geographic*, Kathleen Worrell, wife of the dean, recommended that the new campus adopt Bhutanese-style architecture because of the similarities between Bhutan's and El Paso's landscapes. Construction on the new buildings began in 1917, and by the end of the 1910s, enrollment grew to over a hundred students.

During the 1920s the school's name was changed to the College of Mines and Metallurgy, El Paso and it merged with El Paso Junior College. This merger caused enrollment to increase to 400 students. The 1920s also saw the establishment of several student life traditions, including the creation of the *Flowsheet* yearbook and Homecoming. In 1931 John G. Barry became the College's first president, though financial troubles from the Great Depression put the College at risk for closure. Despite the difficult economic environment of the 1930s, the College continued to expand. An athletic field was constructed in 1933 (named after longtime dean and professor John W. "Cap" Kidd), and the Centennial Museum opened on campus in 1937. Three years later, the University of Texas Regents approved the creation of the College's first graduate degree (the Master of Arts).

World War II caused many changes at the College of Mines as enrollment declined significantly as young men and women served in the military and in wartime industries throughout the early 1940s. Young women were also encouraged to take classes in male-dominated fields, such as engineering, to help alleviate worker shortages, despite being not allowed or discouraged from taking engineering classes in the past. After the war ended in 1945 and the passage of the GI Bill of Rights, returning servicemen and women increasingly attended college, and the College of Mines' enrollment reached 2,000. Because of the large number of veterans attending the College of Mines, the school established housing for married veteran students and their families in an area called "Vet Village." In 1949 the College's name changed to Texas Western College of the University of Texas.

The 1950s – 1970s brought several important developments to the campus. As Texas Western College, the school added several buildings to the campus, including Magoffin Auditorium, the Science Building, the Women's Gym, and Miners Hall during the early 1950s. In 1952 Texas Western Press was founded by printer Carl Hertzog, and in 1953 the Schellenger Research Laboratory was created. Moreover, in 1955 Texas Western College became the first white Texas public college to admit African

American students after a lawsuit was filed by Douglass School student Thelma White who was denied admission because of her race. Highlights from the 1960s and 1970s include: the training of the nation's first Peace Corps class in 1961, the construction of Sun Bowl Stadium in 1963, winning the NCAA national championship under Coach Don Haskins in 1966, and protests by MECHA and La Mesa Directiva against school policies and practices in 1971. Texas Western College changed its name to the University of Texas at El Paso (UTEP) in 1967, and during the late 1960s a Chicano Studies program was established. In 1974 UTEP started offering its first doctoral degree – in Geological Sciences.

Throughout the 1980s – 2000s UTEP continued to expand as both undergraduate and graduate enrollment dramatically increased. The new six-story library was completed in 1984, and in 1988 Dr. Diana Natalicio became UTEP's first woman president. In 2004 UTEP celebrated its 90th anniversary and will celebrate its centennial in 2014. As of 2010 UTEP has over 20,000 registered students and is divided into eight colleges: the College of Business, the College of Education, the College of Engineering, the College of Health Sciences, the College of Liberal Arts, the School of Nursing, the College of Science, and the University College. UTEP's Centennial will be celebrated in 2014.

[Sources: UTEP web site; UTEP Collection, MS 001]

Series Description or Arrangement

This series is part of the UTEP Collection, MS 001. Materials were separated into oversize folders.

Scope and Content Notes

The University of Texas at El Paso Architectural Drawings and Maps series (part of the UTEP Collection records) dates 1917 – 2014, bulk 1917 – 1939. Types of records include building plans, floor plans, blueprints, plot plans, topographical maps, campus maps, and electrical and plumbing-related sketches. Many of the drawings and maps are from the Office of Dean Kidd, Trost and Trost Architects, and O.H. Thorman. These records document UTEP's early physical landscape and buildings from 1917 – 1979.

Provenance Statement

Transferred by Javier Griego (University of Texas at El Paso Planning and Construction Department) on February 29, March 2, March 5, 2012, and in 2014. Additional transfer by Planning and Construction on

Restrictions

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Notes to the Researcher

Some drawings and maps are fragile; please use care when handling the materials. Original titles and descriptions (when available) were used in the container list.

See also:

Otto H. Thorman records, MS 147

Trost and Trost Architects Collection MS 033

UTEP Photograph Collection, MS 001

UTEP Bhutanese Style Architecture Collection, MS 001

Container List

Box	Folder	Title	Date
1	1	Campus building and campus transformations images	about 2014
1	2	State School of Mines group, General Plot Plan [photocopy]	April 1917
1	2	Main Building, Foundation Plan [photocopy]	April 1917
1	2	Main Building, First Floor Framing [photocopy]	April 1917
1	2	Main Building, Second Floor Framing [photocopy]	April 1917
1	2	Main Building, Roof Framing [photocopy]	April 1917
1	2	Main Building, Ground Floor Plan [photocopy]	April 1917
1	2	Main Building, First Floor Plan [photocopy]	April 1917
1	2	Main Building, Second Floor Plan [photocopy]	April 1917
1	2	Main Building, South Side [photocopy]	April 1917
1	2	Main Building, East End, Cross Section, West End [photocopy]	April 1917
1	2	Main Building, North Side [photocopy]	April 1917
1	2	$\frac{3}{4}$ Scale Detail Typical Wall Section [photocopy]	April 1917
1	2	Half Elevation Section, $\frac{3}{4}$ Scale Details of Bay on Main Building [photocopy]	April 1917
1	2	3" Scale Detail of Interior Finish [photocopy]	April 1917
1	2	Chemistry Building, Second Floor Framing and Roof Framing [photocopy]	April 1917
1	2	Chemistry Building, First Floor Plan and Second Floor Plan [photocopy]	April 1917
1	2	Chemistry Building, West Side and East Side [photocopy]	April 1917
1	2	Chemistry Building, North End, Cross Section, and South End [photocopy]	April 1917
1	2	Dormitory Building, First Floor Framing and Foundation Plan, Second Floor Framing [photocopy]	April 1917
1	2	Dormitory Building, Third Floor	April 1917

		Framing and Roof Framing [photocopy]	
1	2	Dormitory Building, First Floor Plan and Second Floor Plan [photocopy]	April 1917
1	2	Dormitory Building, Third Floor Plan [photocopy]	April 1917
1	2	Dormitory Building, West Side and East Side [photocopy]	April 1917
1	3	Dormitory Building, North End, Cross Section, South End [photocopy]	April 1917
1	3	Power House, Foundation Plan, Second Floor Framing, Roof Framing [photocopy]	April 1917
1	3	Power House, First Floor and Second Floor [photocopy]	April 1917
1	3	Power House, South Side and Section [photocopy]	April 1917
1	3	State School of Mines Group, Pipes and Boiler Room, Main Building [photocopy]	April 1917
1	3	Dormitory Building, Heating Plan; Boiler Connections; Other Diagrams [photocopy]	April 1917
1	3	Holliday Hall, First Floor Plan [photocopy]	January 1933
1	3	Holliday Hall, North Elevation and East Elevation [photocopy]	January 1933
1	3	Holliday Hall, West Elevation [photocopy]	January 1933
1	3	Campus Map [photocopy]	about 1970s?
1	3	Future Development Site Plan [photocopy]	about 1970s?
1	3	Classroom and Biology Buildings, Cross Section and North Elevation [photocopy]	about 1970s?
1	3	Engineering Building, South Elevation and North Elevation [photocopy]	about 1970s?
1	3	Biology Classroom Building (South Elevation) and Biology and Metallurgy Buildings (West Elevation) – Engineering Science Complex [photocopy]	about 1970s
1	3	Metallurgy and Biology Buildings (East Elevation), Engineering and Classroom Buildings (East Elevation) [photocopy]	about 1970s

1	3	Physical Science – Mathematics Building [photocopy]	August 1965
1	3	Physical Science – Mathematics Building [photocopy]	August 1965
1	3	Reconstruction of a Lhakhang Bhutanese Shrine, Floor Plan [photocopy]	about 2012
1	3	Reconstruction of a Lhakhang Bhutanese Shrine, Building Sections [photocopy]	about 2012
1	3	Reconstruction of a Lhakhang Bhutanese Shrine, Wall Sections [photocopy]	about 2012
1	3	Addition to the Engineering Building [photocopy]	February 1954
1	3	Academic Services Building [photocopy]	April 14, 2003
2	1	Property transfer records	circa 1929 – 1966

Oversize Folders

Folder # (all folders in Map Case 3, Drawer 4 unless noted)	Item #	Title	Date
1	1	Plot Transferred by City of El Paso to College of Mines and Metallurgy for Dormitory and Museum	January 31, 1936
1	2	Proposed Site for State School of Mines and Metallurgy	about 1917
1	3	Map of Campus, State School of Mines	September 27, 1918
1	4	Topographical Map, State School of Mines and Metallurgy	October 8, 1919
1	5	New Location of State School of Mines, map	February 3, 1917
1	6	State School of Mines, General Plot Plan (map, Trost and Trost Architects)	April 1917
1	7	Topographical Map of State School of Mines and Metallurgy	January 14, 1920
1	8	Sheet 2, State School of Mines and	December 24,

		Metallurgy	1918
1	9	Plans and Details for Heating Line and Etc., College of Mines and Metallurgy of the University of Texas, El Paso	September 9, 1921
1	10	Plan of Proposed Sewer Line Extension, College of Mines and Metallurgy	August 2, 1934
1	11	Profile of Proposed Sewer Line Extension, College of Mines and Metallurgy	August 2, 1934
1	12	Campus of the College of Mines and Metallurgy and Surrounding Territory	September 7, 1938
1	13	Sketch Showing the Grading of Recreational Field for Women and Landscaping the Area Bounded by Wiggins Road, College Drive, and Hawthorne Street	January 1938
1	14	Campus of the College of Mines and Metallurgy and Surrounding Territory (map)	September 7, 1938
1	15	Campus of the College of Mines and Metallurgy and Surrounding Property (map)	September 11, 1939
1	16	Partition of a Portion of the Cotton Estate Made For El Paso Public Schools	July 1941
2	1	Portion of Cotton Addition, South of T. and P. RY Reservation and West of International Boundary Line, map	February 1917 (copy September 1955)
2	2	Men's Dormitory plans (Worrell Hall)	1935
2	3	Sketch Showing Grading of Roads and Landscaping of Area Designated	January 1938
2	4	Proposed Wiring Diagram for Chemistry Building Annex	June 1, 1934
2	5	Sketch of Steam and Sewer Lines for the New Administration Building	January 1938
2	6	Proposed Tree Planting Scheme	January 4, 1938
2	7	Basement Plan, Men's and Women's Dormitories (Trost and Trost)	December 26, 1935
2	8	Women's Dormitory, Detail of Closet, College of Mines and Metallurgy	about 1930s
2	9	Women's Dormitory, Kitchen, College of Mines and Metallurgy	about 1930s
2	10	Dean Kidd's Residence, Roof Truss	about 1930s
2	11	Women's Dormitory (Benedict), College of Mines and Metallurgy	1935

2	12	Floor plan, building not identified, College of Mines and Metallurgy	September 13, 1939
2	13	Women's Dormitory, Dining Room plans	about 1930s
2	14	Calculations/map [very faint in pencil]	1930s
2	15	Building Details, Women's Rest Room, Holliday Hall, Sheet 3	August 5, 1939
2	16	Building Details, Women's Rest Room, Holliday Hall, Sheet 4	August 9, 1939
2	17	Plans, Hot Water Receiving Tank	November 18, 1940
2	18	Details of Fittings in Junction Boxes for Steam Line, College of Mines and Metallurgy, Sheet 2	June 1934
2	19	Details of Conduit for Steam Line, Sheet 3	June 1934
3	1	Plans, Ladies Rest Room, Holliday Hall, College of Mines and Metallurgy	July 1939
3	2	Ceiling Plan, Holliday Hall	August 1934
3	3	Metal Breeching with Fire Clay Lining for Assay Furnances, Seamon Hall, Sheet No.1	about 1930s
3	4	Metal Breeching with Fire Clay Lining for Assay Furnances, Seamon Hall, Sheet No.2	about 1930s
3	5	Plans, Reinforcing Steel, Ladies Rest Room, Holliday Hall Annex	July 1939
3	6	Architectural Drawings, Texas College of Mines and Metallurgy	about 1930
3	7	Southside and East End Elevation for Porch at Dean's Residence, College of Mines and Metallurgy	June 11, 1940
3	8	Floor Plan and West Elevation for Porch at Dean's Residence, College of Mines and Metallurgy	June 11, 1940
3	9	Chemistry Building Annex, Quinn Hall, State College of Mines (O.H. Thorman), Sheet 1	about 1920s
3	10	Chemistry Building Annex, Quinn Hall, State College of Mines (O.H. Thorman), Sheet 2	about 1920s
3	11	Proposed Wiring Diagram for Chemistry Building Annex	May 7, 1935
3	12	Elevation of Columns and Girders, Addition to Chemistry Building	March 20, 1934
3	13	Detail of First Beam North of Present	about 1930s

		Building	
3	14	Detail of First Beam North of Present Building	about 1930s
3	15	Plans, Texas College of Mines	March 20, 1934
3	16	Sketch Showing 2 nd Girder Beam from North End Chemistry Building Annex	March 21, 1934
3	17	Plans, Septic Tank for Holliday Hall	July 19, 1933
3	18	First Floor Plan, Holliday Hall (O.H. Thorman)	January 1933
4	1	Reception Room plans, Men's Dormitory, College of Mines and Metallurgy	1935
4	2	Industrial Property Owned by University of Texas at El Paso (Cotton Estate – El Paso, Texas)	July 20, 1973
4	3	Dormitory Building, State School of Mines (Trost and Trost)	April 1917
4	4	Dormitory Building plans, State School of Mines (Trost and Trost)	April 1917
4	5	Dormitory Building, State School of Mines (Trost and Trost)	April 1917
4	6	Dormitory Building, State School of Mines (Trost and Trost)	April 1917
4	7	Portion of Cotton Addition South of Texas and Pacific RY Reservation and West of International Bounday	April 1917
4	8	Holliday Hall, College of Mines and Metallurgy (O.H. Thorman), Sheet 3	January 1933
4	9	Holliday Hall, College of Mines and Metallurgy (O.H. Thorman), Sheet 4	January 1933
4	10	Plan of Heating System, Holliday Hall, Sheet 1	August 1934
4	11	Plan of Heating System, Holliday Hall, Sheet 2	August 1934
4	12	Sketch of Toilet Stalls for Women's Rest Room at Holliday Hall	July 10, 1939
4	13	Sketch Showing Proposed Curbs and Side Walks for Buildings in the Group (map)	January 1939
4	14	Plot Plan, Museum, College of Mines and Metallurgy	about 1936
4	15	Motor Track Branch (roof and floor plans)	September 15, 1950
4	16	Motor Track Branch (elevation drawings)	September 15, 1950
5	1	Plat of Tract Granted by American	October 16, 1938

		Smelting and Refining Company to College of Mines and Metallurgy	
5	2	Power House, State School of Mines	April 1917
5	3	Power House Addition, Sheet 4	April 1934
5	4	Power House Addition, Sheet, Sheet 6	April 1934
5	5	Blueprint, Centennial Museum (Percy McGhee, architect), Sheet 5	March 1936
5	6	Blueprint, Centennial Museum (Percy McGhee, architect), Sheet 4	March 1936
5	7	Blueprint, Centennial Museum (Percy McGhee, architect), Sheet 1	March 1936
5	8	Blueprint, Centennial Museum (Percy McGhee, architect), Sheet 2	March 1936
5	9	Original hand drawn (color) ink on linen paper of the proposed athletic field, College of Mines and Metallurgy – Drawing No. 1 by John W. Kidd	December 11, 1920
5	10	El Paso Smelting Works – Property Maps, Map Showing Right of Way thru Hart No. 2 for State Highway	December 4, 1935
5	11	El Paso Smelting Works – Property Maps Land Deeded to City for Park Near College of Mines	June 18, 1930
5	12	Study for Proposed Expansion for Texas College of Mines	October 1927
6	1	Bonnie Kaber drawing of Centennial Museum	1979
6	2	Bonnie Kaber drawing of Holliday Hall	1979
6	3	Bonnie Kaber drawing of Old Main	1979
6	4	Education Building	about 1960s?
6	5	General Plot Plan [photocopy]	April 1917
6	6	Foundation Plan, Main Building [photocopy]	April 1917
6	7	First floor framing, Main Building [photocopy]	April 1917
6	8	Second floor framing, Main Building [photocopy]	April 1917
6	9	Roof framing, Main Building [photocopy]	April 1917
6	10	Ground floor plan, Main Building [photocopy]	April 1917
6	11	First floor plan, Main Building [photocopy]	April 1917
6	12	Second floor plan, Main Building [photocopy]	April 1917
6	13	South side, Main Building [photocopy]	April 1917

6	14	Main Building [photocopy]	April 1917
6	15	North side, Main Building [photocopy]	April 1917
6	16	State School of Mines group – scale detail and typical wall section [photocopy]	April 1917
6	17	Scale details of entrance to Main Building [photocopy]	April 1917
6	18	Scale detail of interior finish [photocopy]	April 1917
6	19	Second floor framing and roof framing, Chemistry Building [photocopy]	April 1917
6	20	First floor plan and second floor plan, Chemistry Building [photocopy]	April 1917
6	21	West side and East side, Chemistry Building [photocopy]	April 1917
6	22	North end, cross section, and South end of Chemistry Building [photocopy]	April 1917
6	23	First floor framing, foundation plan, and second floor framing for the Dormitory Building [photocopy]	April 1917
6	24	Third floor framing and roof framing, Dormitory Building [photocopy]	April 1917
6	25	First floor plan and second floor plan, Dormitory Building [photocopy]	April 1917
6	26	Third floor plan and half elevation of section, Dormitory Building [photocopy]	April 1917
6	27	West side and east side, Dormitory Building [photocopy]	April 1917
6	28	North end, cross section, and South end of Dormitory Building [photocopy]	April 1917
6	29	Power House [photocopy]	April 1917
6	30	Power House [photocopy]	April 1917
6	31	Power House [photocopy]	April 1917
6	32	Power House [photocopy]	April 1917
6	33	Piping in boiler room, method of drip at rise in Main, method of taking branches off steam Main [photocopy]	April 1917
6	34	Heating plan, Dormitory Building; Method of drip at end of Main; Detail of Boiler Connections [photocopy]	April 1917
6	35	Copy, South Side, Main Building, Trost & Trost Architects	April 1917
7 [Map case drawer #27]		Library Building plans	c.1984

