

# CONTRACT DESIGN & AUTOCAD DRAWINGS

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## Education

University of New Mexico  
Albuquerque, NM

***Bachelor of University  
Studies Degree*** (BUS)

Architecture/Civil Engineering  
Community and Regional Planning  
Business Admin./Econ. Development  
Grad. Studies: Pub. Admin.; C&RP

### **Public Administration**

UNM at Santa Fe - all MPA core courses

Albuq. Technical-Vocational  
Institute, Albuquerque, NM

***Diploma in Construction  
Drafting Technology***

Construction Technology  
Architectural & Engineering design  
Construction drafting  
Surveying/map drafting

Institute of American Indian Arts  
Santa Fe, NM

Museum training program - building design;  
exhibit planning, design, and fabrication drawings

## Business Administration & Enterprise Development Skills

Design  
Skills:

Building planning & design  
Construction Documents (CD's)  
Consulting engineer services  
Lighting & electrical plans  
Mechanical (HVAC) plans

LEED-compliant design  
Plane surveying (topography)  
As-built drafting & bldg. delineation  
HC accessibility studies  
Steel detailing & fabrication dwgs.

Community  
& Regional

Subdivision layout  
Land-use Studies

Hydrology Reports  
Grading & Drainage Plans

Computer  
Skills:

MS Word  
MS PowerPoint  
Solidworks Pro 2015

MS Excel  
AutoCAD  
Autodesk Revit LT

## Coursework

**Albuquerque Technical-Vocational Institute** (T-VI), Albuquerque, NM

*Diploma in Construction Drafting Technology*

Coursework: Architectural design and drafting; plane surveying and drafting;  
construction physics; and applied mathematics

**Institute of American Indian Arts** (IAIA), Santa Fe, NM

Museum Studies Program

Coursework: Museum design and development; exhibit design; care of collections; art  
history; advanced display graphic design; and 35mm photography

**College of Santa Fe** (CSF), Santa Fe, NM

Business Management Program

**University of New Mexico (UNM)**, Albuquerque and Santa Fe, NM  
*Bachelor of University Studies (BUS) Degree*

Areas of Concentration:	Architecture	undergraduate
	Community & Regional Planning	graduate-level
	Civil Engineering	undergraduate
	Public Administration	graduate-level
	Business Management	undergraduate

Courses: **Architecture:** Design Studio I; Design Studio II; Site Planning; Earth Architecture; Advanced Structures; Energy Efficient Renovation; Interiors for Business; Lighting; Arch. Drafting; Environmental Problems; Energy and Environment; Light Physics; Acoustics; and Arch. Legal Issues

Graduate Level: Real Estate Development; SW Architecture and Culture; Advanced Construction Methods; and Independent Problems

**Community and Regional Planning:** Land Development Economics

Graduate Level: Nonprofit Finance; Regional Planning; Land Use Controls; Rural Community Development; Rural Self Help; Nob Hill Main Street Project; and Planning on Native American Lands

**Civil Engineering:** Constr. Methods/Equipment; Constr. Contracting

Graduate Level: Construction Project Management; and Traffic Design

**Public Administration:** American Indian Economic Development

Graduate Level: Contemporary Public Administration; Public Financial Administration; Public Financial Management; Public Budgeting; Public Personnel Administration; Program Evaluation; Administrative Law; and Employee Relations in the Public Sector

**Business Management:** College of Santa Fe courses: Principles of Management; Economics; Investments; Statistics; Human Resources; and Fundamentals of Marketing

**MPA core courses** completed

39 UNM graduate credit hours – GPA: 3.4

**Entrepreneurial & Economic Development Training**

Certificate: *The Study and Application of a Course in Entrepreneurial Development & Business Administration Training*

- Entering the Entrepreneurial & Business World
- Market Research & the Marketing Plan
- Financial Management
- Preparing & Presenting the Business Plan
- Operations Startup, Monitoring & Human Resources
- Entrepreneurial & Business Lessons Learned

**Center for Commercialization & Entrepreneurial Training**

*Technology Ventures Corporation, Albuquerque, NM*

Series of six professional seminars completed October 2011

**Professional Practice**

Experience: **Bluecorn Planning & Development** – Principal Planner  
Native Environmental Architecture & Planning Firm  
New Laguna, NM 2.15.02 – present AEC Consulting Firm

**Bluecorn Planning & Dev.** is a New Mexico professional Native American firm that provides a wide range of architectural and development services for commercial, retail, multi-family including Indian housing and low-income, industrial; and manufacturing projects. Community and Regional planning services include land and property development; transportation planning; subdivision design; urban design including neighborhood and sector planning; and civil engineering including wide area flood protection and terrain management. Economic Development services include developing *Comprehensive Economic Development Strategies* (CEDS) plan submittals; economic development business and marketing plans, site master planning, and financial planning; design/build services; and project management (PM) and other professional services as requested or contractually required.

**Duties and Responsibilities:** Project feasibility review including site analysis; utilities availability and service logistics; master and site planning; roadway design; project programming (*Program of Requirements*); architectural design; building layouts; lighting and mechanical layouts; and the technical production of construction documents utilizing AutoCAD and other computer programs.

Administrative duties include managing the day-to-day business operations; directing the work of consulting architects, engineers, surveyors, and suppliers; and researching and writing proposals, business and marketing plans, and project feasibility studies; and project or initiative development and funding submittals.

**Lynx Equipment Company** – Owner | R&D Manager  
Albuquerque, NM 3.21.99 – 1.15.02 Equip. Manufacturer

Lynx Equipment has invented and developed an articulating chassis system that allows an excavator to access a backyard gate. This “next generation” excavator has the ability to retract to an outside track dimension of 32” and expand to 64” for stability at the work location utilizing a motorized variable-width undercarriage system that has the same load-bearing capacity regardless of this compact excavator’s chassis position.

**Duties and Responsibilities:** As excavator co-inventor, fabrication shop manager, and product developer duties included patent research and provisional patent submittal; providing technical information and coordinating services with the patent attorney; providing conceptual drawings and machine functional data to the consulting engineer and illustrators; creating the *Bill of Materials*; and fabricating a full scale operating articulating-chassis at our shop for the Lynx Equipment business investor’s inspection.

**Alpine Steel, LLC** – Architectural Designer & Steel Detailer  
Las Vegas, NV Feb. 1998 – Dec. 1999 Steel Fabrication Facility

Planned, designed, and completed the construction documents for a metal fabrication facility that included a large shop and office building.