DESIGN CONCEPT

DPC Inc. Corporate Headquarters
Albuquerque, NM
Jimmy Craig | 5901 Hill | Fall 2015
VISION STATEMENT

Create a world-class design that challenges the norm of the typical 8-5 office environment and the perception of how people are to live and work in the space.

PROJECT GOALS

COMFORTABLE & INVITING WORK ENVIRONMENT
Incorporate distinctive spaces and features to engage employee lifestyles

COLLABORATION
Provide an engaging atmosphere of collaboration spaces that allows for connection, creation, and cultivation of ideas

BRANDING
Form a company identity through the use of state of the art technology, materials, and tectonics worthy of a corporate headquarters

SUSTAINABILITY
Set an Albuquerque precedent for climate-responsive design to lower resource and energy consumption

CULTURE/COMMUNITY
Embrace the culture and community into the aesthetics and activities of the property
AESTHETICS
Metreon Mixed Use / APTUS

TECTONICS
UNM SoA / Predock

CHARACTER
Kaiser Redlands Office Building / Frank Webb Architects

AESTHETICS/CHARACTER
Slidell Memorial Hospital / AE Design Inc.
PRECEDENTS

TECHNIQUE/AESTHETICS
Levinson Plaza / Mikyoung Kim Design

ENCLOSURE/AESTHETICS
PETZL North America Headquarters / ajc architects

BOUNDARY
Langham Place / Jerde Partnership

CONNECTIONS
Austin City Hall / Predock

TECTONICS
Langham Place / Jerde Partnership
Appropriating regional forms to contemporary settings creates critical regionalism, strengthening both old and new architecture. The concept is founded in this principle with the contemporary integration of regional traditional architecture and space, reflecting the sense of culture and community.
CONCEPTUAL SITE PLAN
1st floor

Public spaces located near lobby and entrance

Private/employee spaces near back

Core bundled along western side for open floor plate

2nd - 4th floor

Departments located eastern side for better views

Collaboration spaces across the atrium for larger interactions/meetings, etc.
5th floor

smaller atrium space for greater floor area to keep with massing concept

small roof terrace space for departments

6th floor

expansion floor for future departments and/or leasings

larger roof terrace space

double height spaces could exist to enforce massing concept from exterior

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atrium would be bridged to connect spaces/levels and promote more interaction

more interior daylighting could be possible with large atrium glazings
CONCEPTUAL ELEVATIONS/ENVELOPE

custom mullioned curtain wall

metal strip-panel cladding

NORTH

EAST
CONCEPTUAL ELEVATIONS/ENVELOPE

- **Smooth cut stone**
  - (limestone)

- **Perforated steel screen**

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**Directions:**
- **SOUTH**
- **WEST**
CLIMATE-RESPONSIVE/DAYLIGHTING

SUMMER SOLSTICE STUDY
CLIMATE-RESPONSIVE/DAYLIGHTING

Majority of high summer sunlight is blocked.

Lower winter sunlight allowed in to assist heating.

Lightshelf bounces light further into the space.

Partial artificial lighting needed.

Full daylight.
STRUCTURAL CONCEPT
STEEL FRAME SYSTEM
**MECHANICAL CONCEPT**

**VRF | Variable Refrigerant Flow**

uses refrigerant pipes instead of ducts to supply individual fan units with heating/cooling greater individual space temp. control. less use of space (no ducts)

**DOAS | Dedicated Outside Air System**

more cost effective, uses CO2 sensors to determine when to operate
INTERIOR SYSTEMS PRECEDENTS

DYNAMIC CEILING/INTEGRATED LIGHTING

NATURAL STYLE FLOORING

DEMOUNTABLE PARTITIONS

SUSPENDED LIGHTING/OPEN SEATING