The best, for the most, for the longest

AERIAL VIEW FROM NORTHWEST CORNER OF SITE

DESIGN CONCEPT
Getting the Big Picture
Chelan County PUD Service Center
The best, for the most, for the longest

Chelan County PUD Service Center

FIRST LEVEL CUSTOMER SERVICE
VIEW OF OPERATIONS FROM SECOND LEVEL LOBBY
CUSTOMER PARKING & DROP BOX ROUND-ABOUT
ENTRY PLAZA WITH NATIVE PLANTS & INTERPRETIVE WATER FEATURE

DESIGN CONCEPT
Improving Service — Ensuring Value
Chelan County PUD Service Center
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WINTER HEATING SEASON - PASSIVE HEATING

ENERGY USE TARGETS BASED ON YEAR OF DESIGN

10° south

19° south

EXTERIOR WINDOW SHADES

WINDOWS PLACED HIGH ON EXTERIOR WALLS BRING DAYLIGHT MORE DEEPLY INTO THE INTERIOR

CHIMNEY EFFECT CREATED BY WARM AIR RISING TO ESCAPE THROUGH OPERABLE WINDOWS

XERISCAPE (NATIVE, FIREWISE LANDSCAPE DESIGN)

GEO-EXCHANGE STRATEGIES TO EXISTING ON-SITE WELLS OR ADJACENT PROPERTY

SUMMER COOLING SEASON - HEAT LOAD REDUCTION

OPEN WORKSTATIONS LOCATED ALONG WINDOW WALLS - WITH PRIVATE OFFICES PULLED AWAY FROM ENVELOPE - FOR BETTER DAYLIGHTING

NET ZERO Producing enough energy to offset all energy consumed.

2030 CHALLENGE An incremental system of reducing greenhouse gas emissions from buildings through the use of efficient energy practices and renewable energy sources, targeting Net Zero by the year 2030.

CARBON NEUTRAL

BASELINE 2003 CBECS

70% 80% 90%

2015 2020 2025 2030

FOSSIL FUEL ENERGY REDUCTION

FOSSIL FUEL ENERGY CONSUMPTION

DESIGN CONCEPT Providing Stewardship

Chelan County PUD Service Center
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Chelan County PUD Service Center

BUILDING A
Administration

BUILDING B
Warehouse & Tools

BUILDING C
Shops

BUILDING D
Vehicle Parking & Storage

BUILDING E
Fleet

BUILDING F
Fuel & Wash

BUILDING G
Covered Storage

DESIGN CONCEPT
Locating Centrally

Chelan County PUD Service Center
DESIGN CONCEPT
Improving Response Capability
Chelan County PUD Service Center