T3 — outside air sensor

T2 — return air sensor

T1 — supply air sensor

S1 — input 0-10VDC

A1 — output 0-10VDC

2-10VDC ACTUATOR

A2 — output 0-10VDC — Variable Speed Fan

W2 — HEAT 2

Y2 — COOL 2

G — FAN

W — HEAT 1

Y — COOL 1

R — R — L2

C — C — L1 (HOT)

D — D

△3 △1

△2

PELICAN THERMOSTAT
INSTALLED IN
CONDITIONED SPACE

PELICAN PEARL
ECONOMIZER CONTROLLER
INSTALLED IN HVAC UNIT

△1 POWER SUPPLY PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.

△2 POWER SUPPLY 24VAC.

△3 ENSURE THAT EQUIPMENT TRANSFORMER IS SIZED TO HANDLE THE EXTRA LOAD OF THE ACTUATOR.

PEARL Economizer Controller
SCALE: NTS