Concrete Pump Pit 24' x 36' x 14' Deep
Concrete Floor Over Sump With 5 Access Holes As Shown

Top of I-Beam

New 6"x4" I-Beams
Existing Concrete Curb

Proposed
2 ea. 30 hp 6' vertical pumps

Pump Base Plate

Two Pump Bases

Existing Sump Floor

EL = -10.26

Typical Cross Section at Pump Access Hole

Water Level

5' Minimum

6' Return line to sump

1/2" holes to diffuse return water

6' PVC Cap

6' Schedule 40 PVC pipe

6" gear op butterfly valve

6" gear op butterfly valve

6" Return line to sump

2" pressure relief valve and water return line

Access Hole 22" x 44"

6" x 4" reducer

6" Schedule 40 PVC pipe

Two 30 hp 500 GPM Vertical Turbine Pumps
August 24, 2002, revised 10/14/02, wlp
not to scale

HC&S Central Power Plant Well # 5327-07, Kahului, Maui, Hawaii
Proposed Installation Of Two 30 hp, 500 GPM Vertical Turbine Pumps