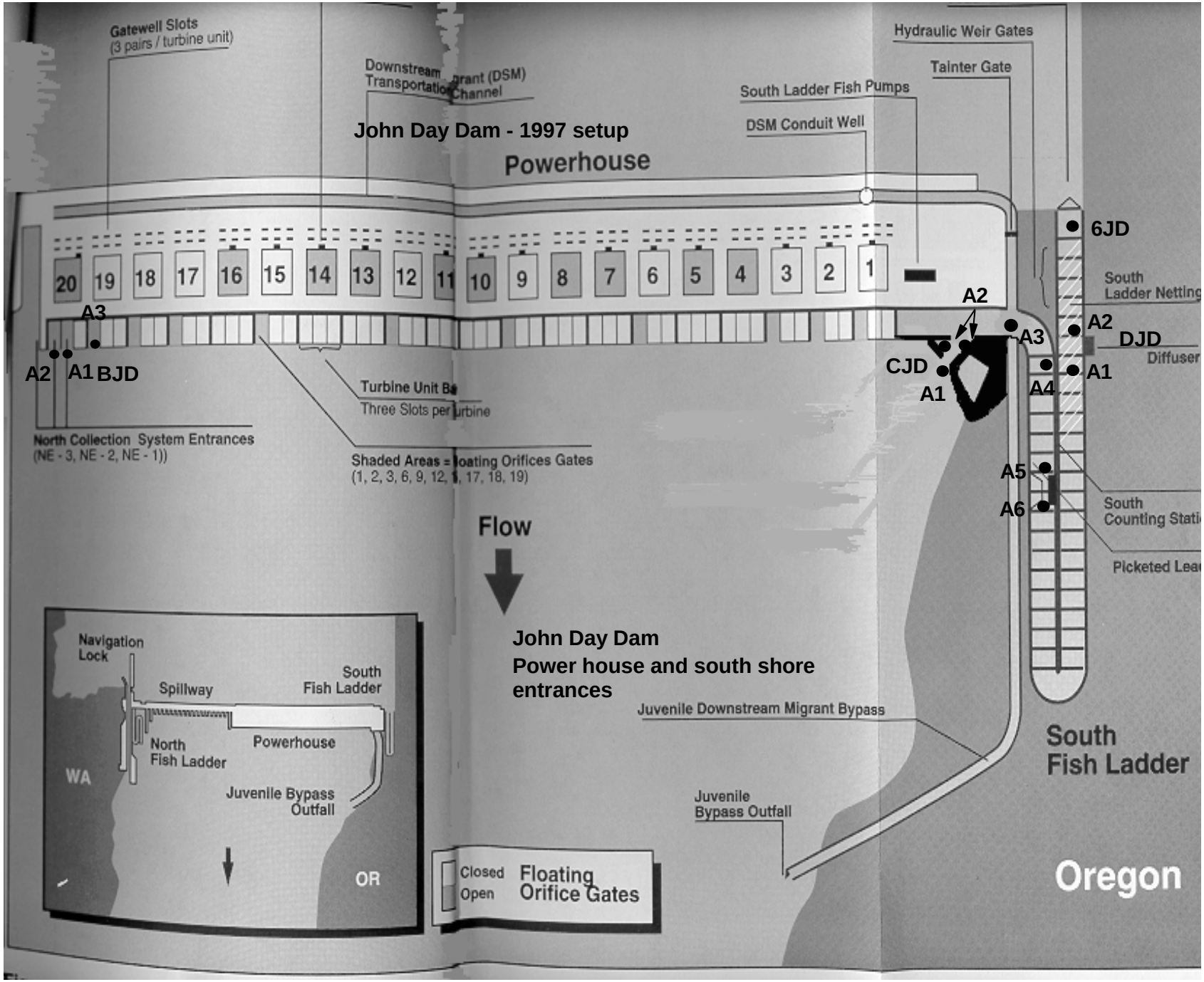
John Day Dam - 1997 setup
Powerhouse
Gatewell Slots
(3 pairs / turbine unit)
Downstream Migrant (DSM)
Transportation Channel
Hydraulic Weir Gates
Tainter Gate
South Ladder Fish Pumps
DSM Conduit Well
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
A3
A2
A1
BJD
North Collection System Entrances
(NE - 3, NE - 2, NE - 1))
Turbine Unit Ba
Three Slots per urbine
Shaded Areas = oating Orifices Gates
(1, 2, 3, 6, 9, 12, 1, 17, 18, 19)
Flow
6JD
South
Ladder Netting
A2
A3
DJD
Diffuser
CJD
A1
A4
A1
A5
A6
South
Counting Stati
Picketed Lea
John Day Dam
Power house and south shore
entrances
Juvenile Downstream Migrant Bypass
South
Fish Ladder
Juvenile
Bypass Outfall
Oregon
Navigation
Lock
Spillway
South
Fish Ladder
North
Fish Ladder
Powerhouse
WA
Juvenile Bypass
Outfall
OR
Closed
Open
Floating
Orifice Gates