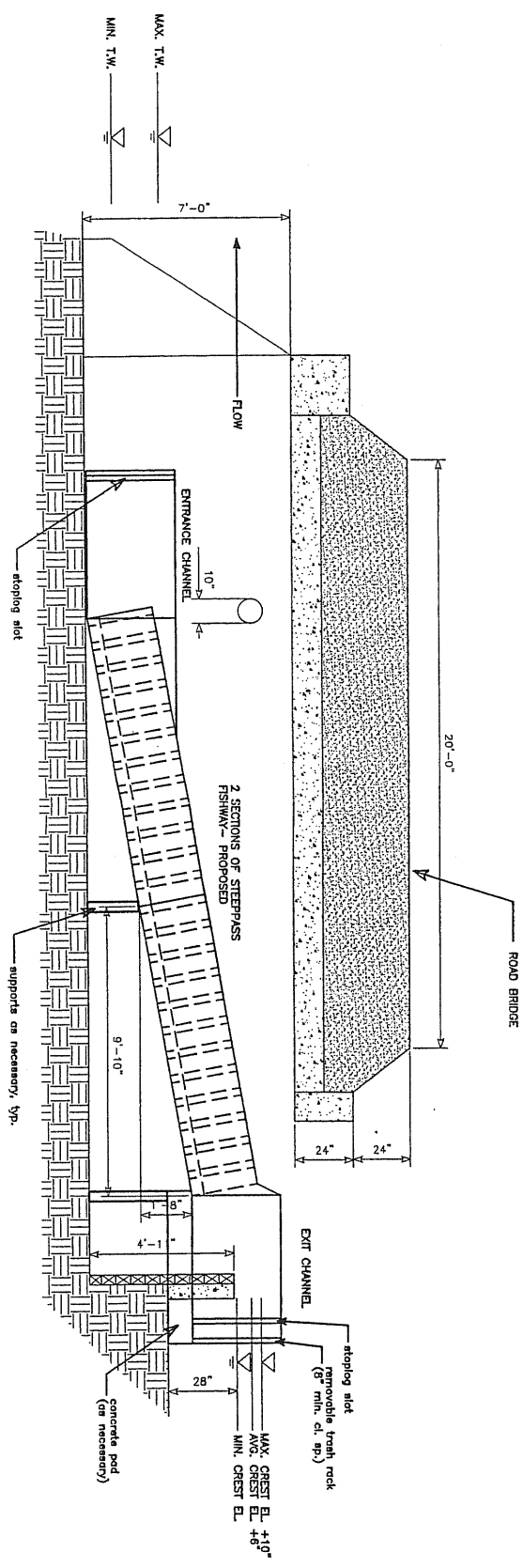


NOTE
INVESTIGATE POSSIBLE
PERCHED CONDITION

PLAN
SCALE: 1" = 2'-0"



PROFILE
SCALE: 1" = 2'-0"

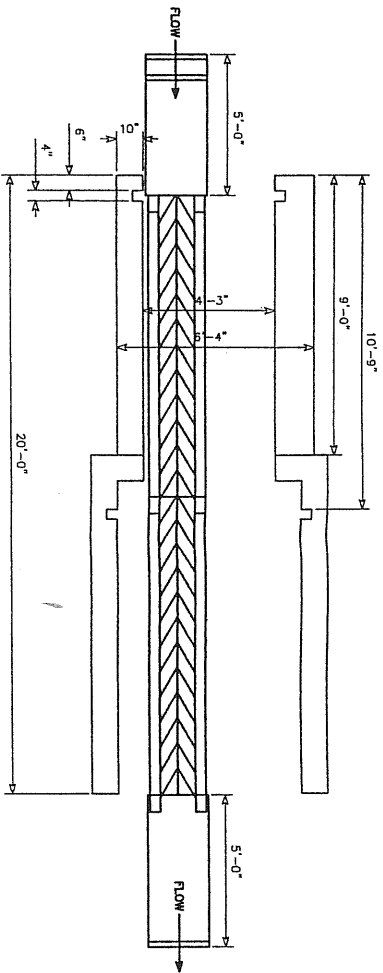
CONCEPTUAL DESIGN PROPOSED STEEPPASS
FOR FISHWAY AT LONG ISLAND SOUND
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONSENSUS PROGRAM OFFICE



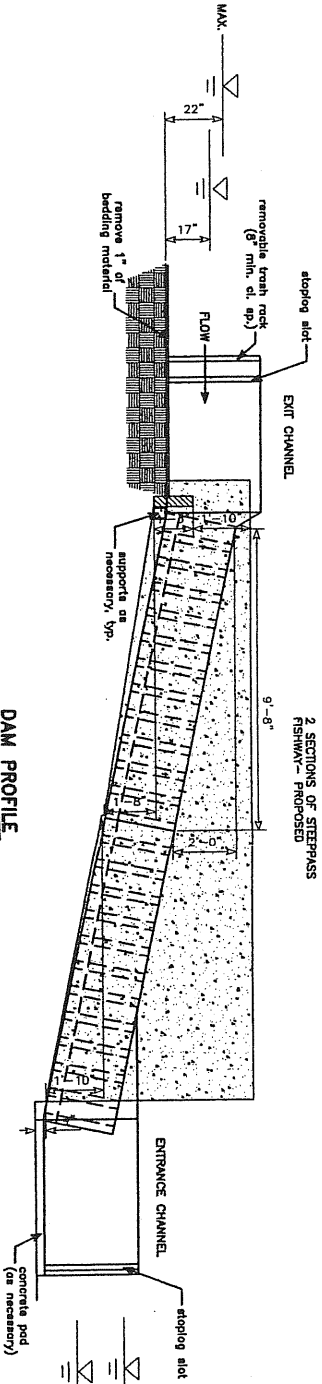
PROJECT	NO. 101
CLIENT	NY
LOCATION	LONG ISLAND, NY
DATE	NOV. 1988
DESIGNER	PROGRESS ALIENIE
SCALE	1" = 2'-0"
SHEET NO.	OF 1

NOTES
1. PROGRESS ALIENIE
2. DRAINAGE: 4.5 SQ. MI.

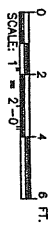
MAX. CREST EL. +4.0'
MIN. CREST EL.
atopping silt
removable trash rack
(9" min. cl. sp.)
concrete pad
(on necessary)



DAM PLAN
SCALE: 1" = 2'-0"



DAM PROFILE
SCALE: 1" = 2'-0"

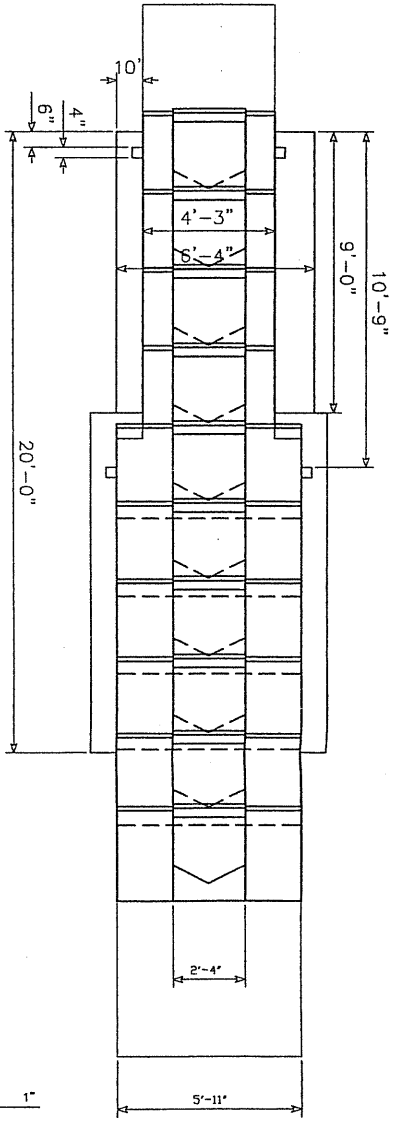


NO.	REVISIONS	DATE	BY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

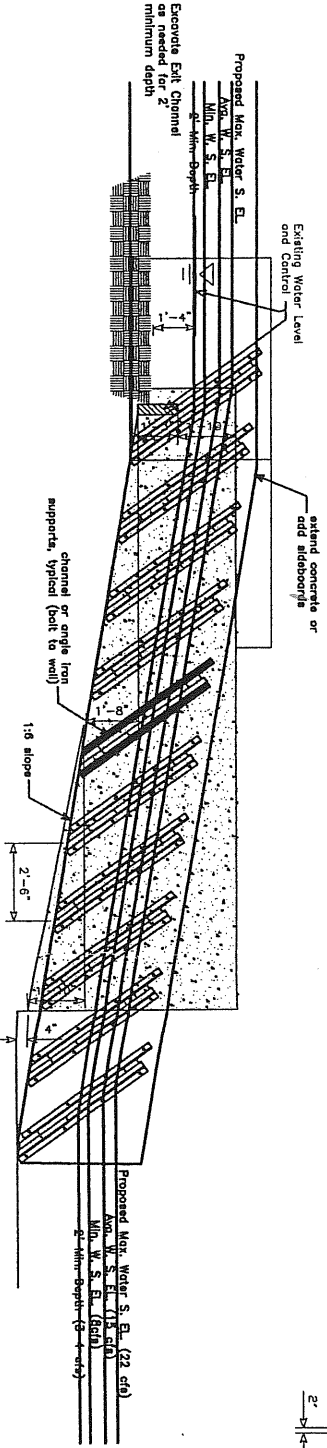
CONCEPTUAL DESIGN PROPOSED STEEPASS FISHWAY AT OUTLET STRUCTURE TO THE SWAN RIVER AT THE SWAN FALLS DAM, NEW YORK FOR STATEWIDE CONCEPTUAL ECOSYSTEMS PROGRAM OFFICE

NOTE:
SPECIES: ALEMITE
DRAWING: RABO, MI
DATE: 10/15/03
MAX @ 42 CP

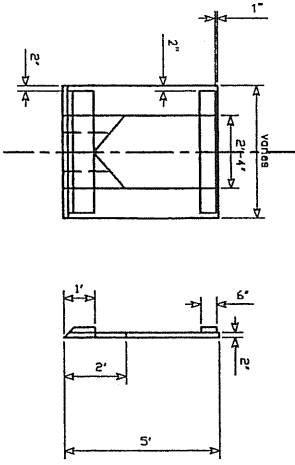
SWAN RIVER
CONCEPTUAL FISHWAY DESIGN
SHEET 1 OF 1



DAM PLAN
SCALE: 1" = 2'-0"



DAM PROFILE
SCALE: 1" = 2'-0"



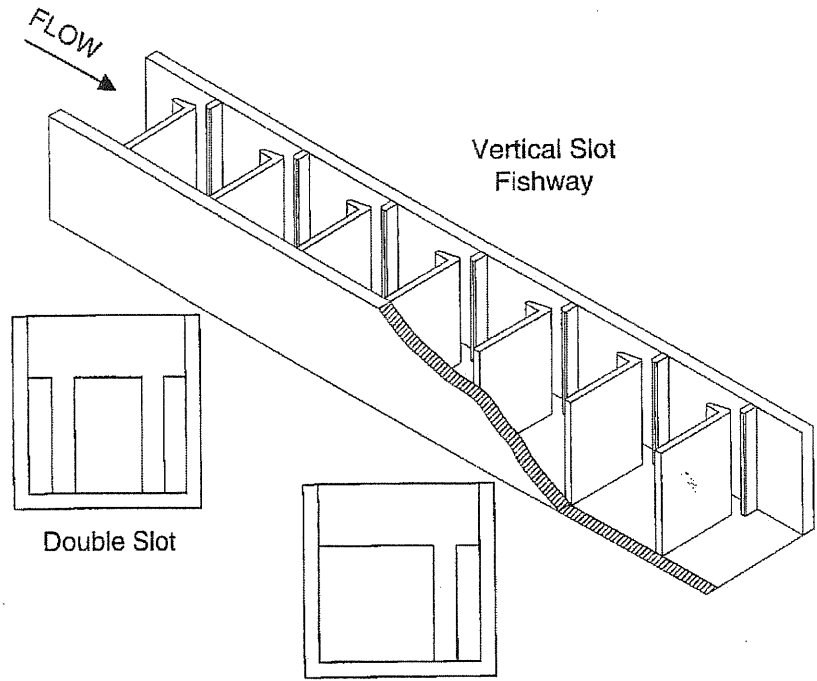
BAFFLE DETAIL
SCALE: 1" = 2'-0"



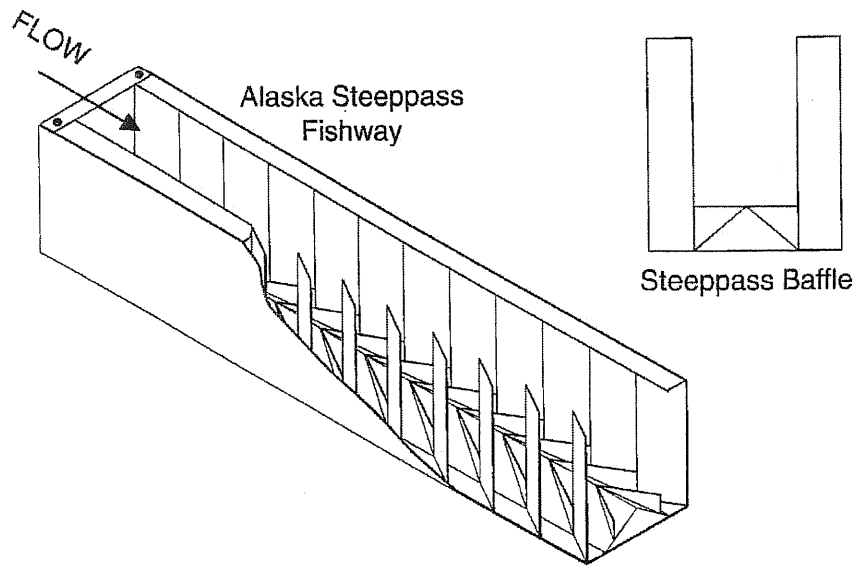
NO.	DATE	BY	CHK'D BY	DESCRIPTION
1	00	EL		PLAN AND PROFILE
				LONG ISLAND, N. Y.
				SHEET 1 OF 1

CONCEPTUAL DESIGN & FEASIBILITY STUDY
FOR THE PROPOSED SWAN RIVER DAM AND
PATCHOLEE LONG ISLAND, NEW YORK FOR
SUNY'S COASTAL ECOSYSTEMS PROGRAM OFFICE.

Figure 3
Fish Ladder Designs
Rahway River Fish Ladder
Rahway, New Jersey



Typical pool and weir fish ladder design. (Odeh 1999).



Typical steep-channel fish ladder design. (Odeh 1999).