

Kickemuit River Council

PO Box 590

Warren, RI 02885

A non-profit 501(c)3

All Volunteer Organization

kickemuitrivercouncil@gmail.com

www.kickemuitrivercouncil.org

July 28, 2014

Veronica Berounsky

Chair

Rhode Island Rivers Council

1 Capitol Hill, 3rd Floor

Providence, RI 02908

cc: Lisa Mc Greavy

Sr. Environmental Planner

Office of Water Resources

RI Department of Environmental Management

235 Promenade Street

Providence, RI 02908

Re: RIRC FY2014 Grant Program Full Project Report Kickemuit River Fish
Ladder Educational Working Model \$1,900

Dear Ms. Berounsky:

We have completed our 2014 Grant Project: the design and construction of a working scale model of the Kickemuit River Denil Fish Ladder for the purposes of community education. This working model will be used to travel to libraries, learning centers, elementary and middle schools and completes our entire program which includes the 2012 Grant for an interpretive sign at the location of the fish ladder, the 2013 Grant for the creation of a 5 minute educational video and brochures about the fish ladder. We will be able to hand out our brochures, play our video of the history and importance of the fish ladder, and demonstrate a working fish ladder with interactive participation with small fish (flies made to simulate the river herring) for those interested. At the end of the presentation there is a short quiz, location on the back of the brochure, which will be part of a Q&A session. Lastly, we hope folks will visit the actual fish ladder where they will find our interpretive sign describing the significance of the ladder and the river herring. It is our hope to enlist guest speakers like the knowledgeable Phil Edwards from the RI DEM Fish and Wildlife Division who has mentored us thru our projects and who has been instrumental and, still is, in the stocking and monitoring of so many of RI's rivers and the Kickemuit.

Our project manager, Dana Warren, was fortunate enough to find an industrial designer/engineer familiar with the construction of scale models and who was willing to take on the challenge of creating our working fish ladder model. Mr. Don Nguyen, owner of Providence Machinery, a graduate of RISD, and a member of the Buckeye Brook Coalition was our manufacturer. Because of his involvement as a volunteer with the Buckeye Brook Coalition, Don was already familiar with the plight of the River Herring and the operations of fish ladders. We were pleased to be able to keep this project in the "family", so to speak!

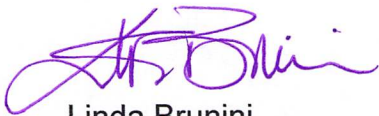
Attached to this document, you find drawings depicting how the design was conceived and how it progressed. Attached to my email, which will include this document as a pdf file, are the following: a short video of the fish ladder model in operation, several pictures depicting where we started and how we progressed in the design of the model.

Lastly, we are in the process of making a carrying case for the model. It will be paid for by the Kickemuit River from our general funds, not to exceed \$150.

It is our hope to present our working model to the RIRC at our next meeting in August.

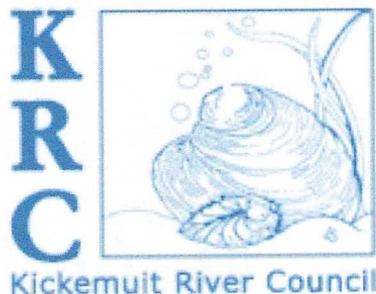
Thank you for this opportunity and the support. It has been a wonderful team building experience for those involved and an educational experience that will continue to expand our community's involvement with the future of their river, the species that inhabit it, and those that will return to it.

Sincerely yours,

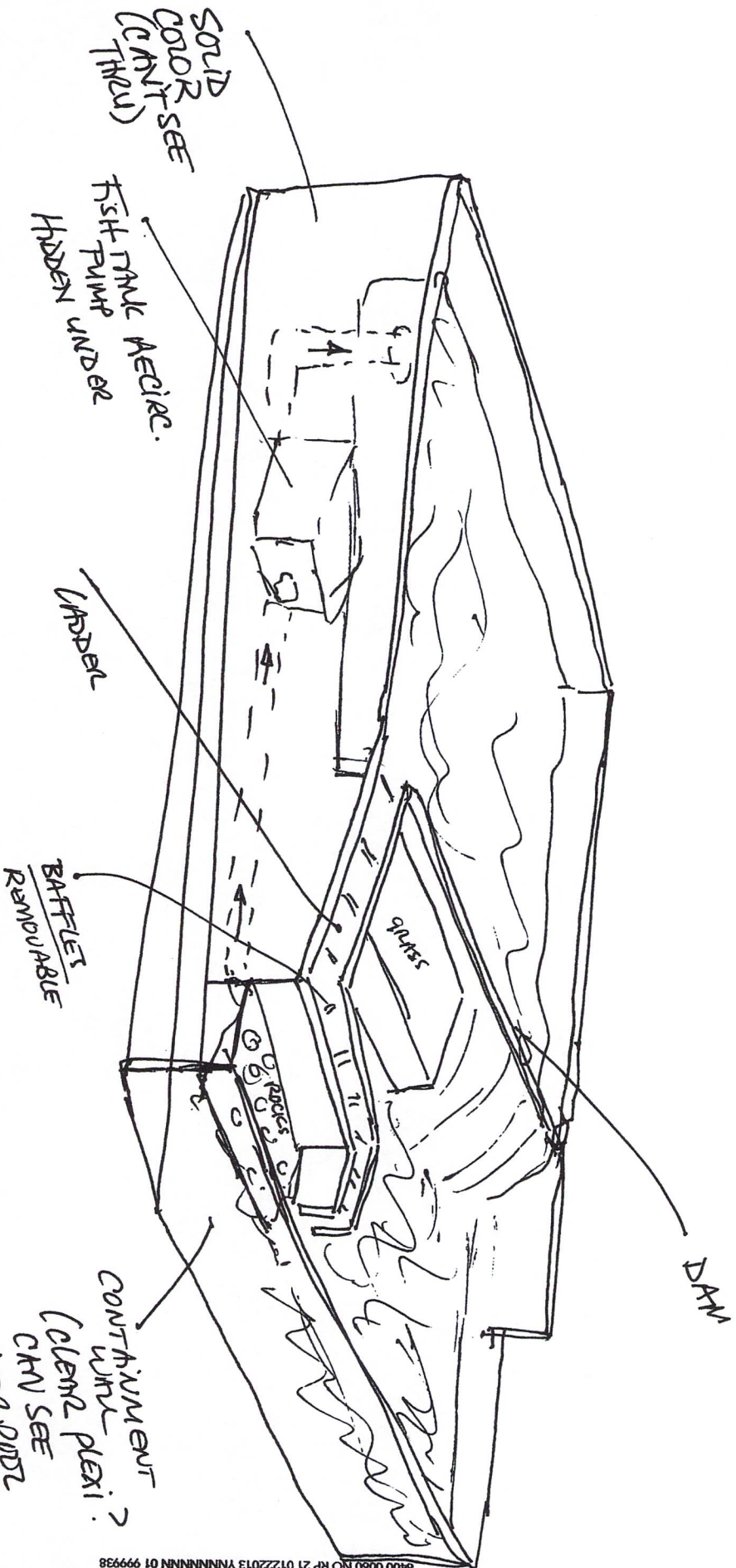


Linda Brunini

Special Projects Co-ordinator, KRC

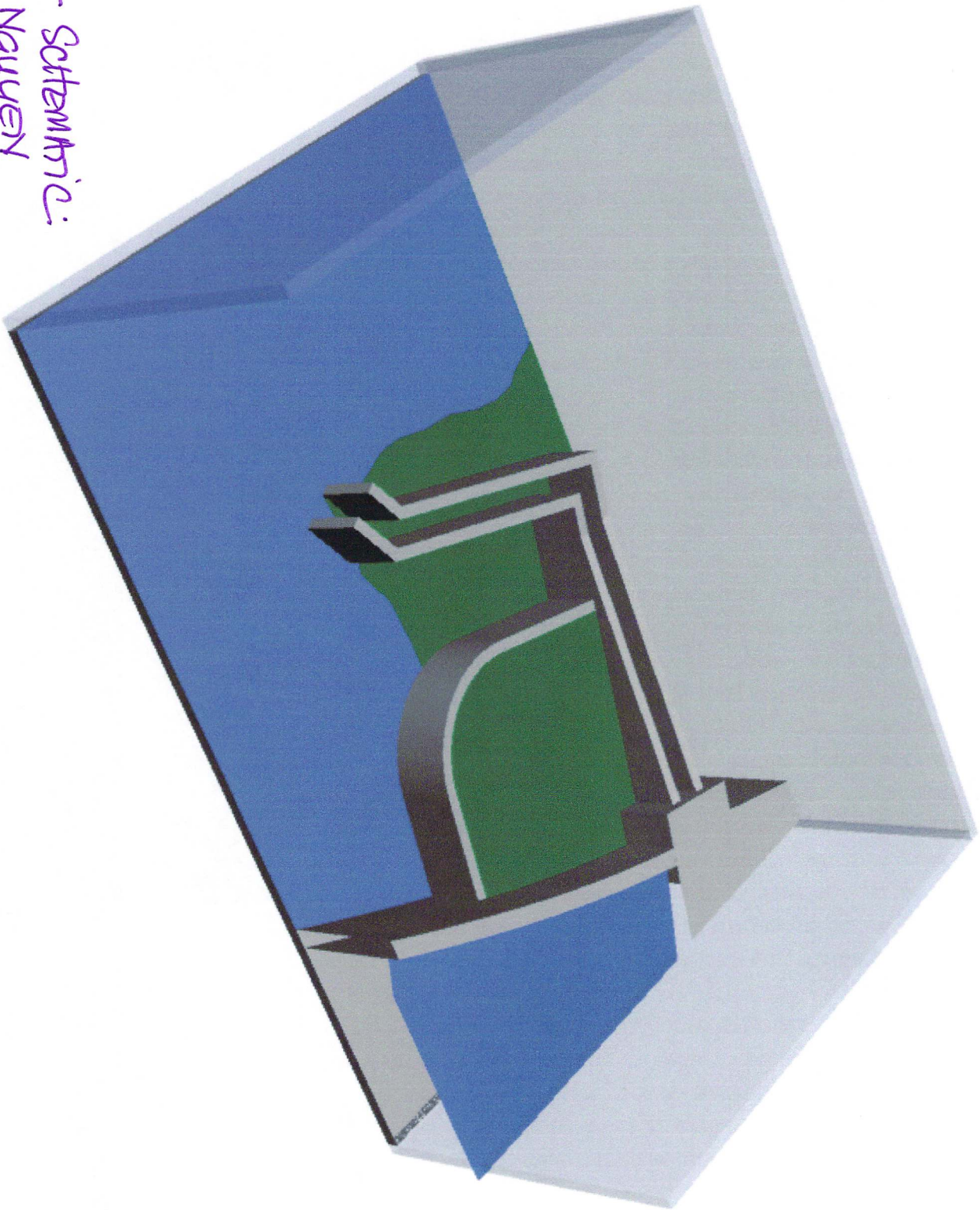


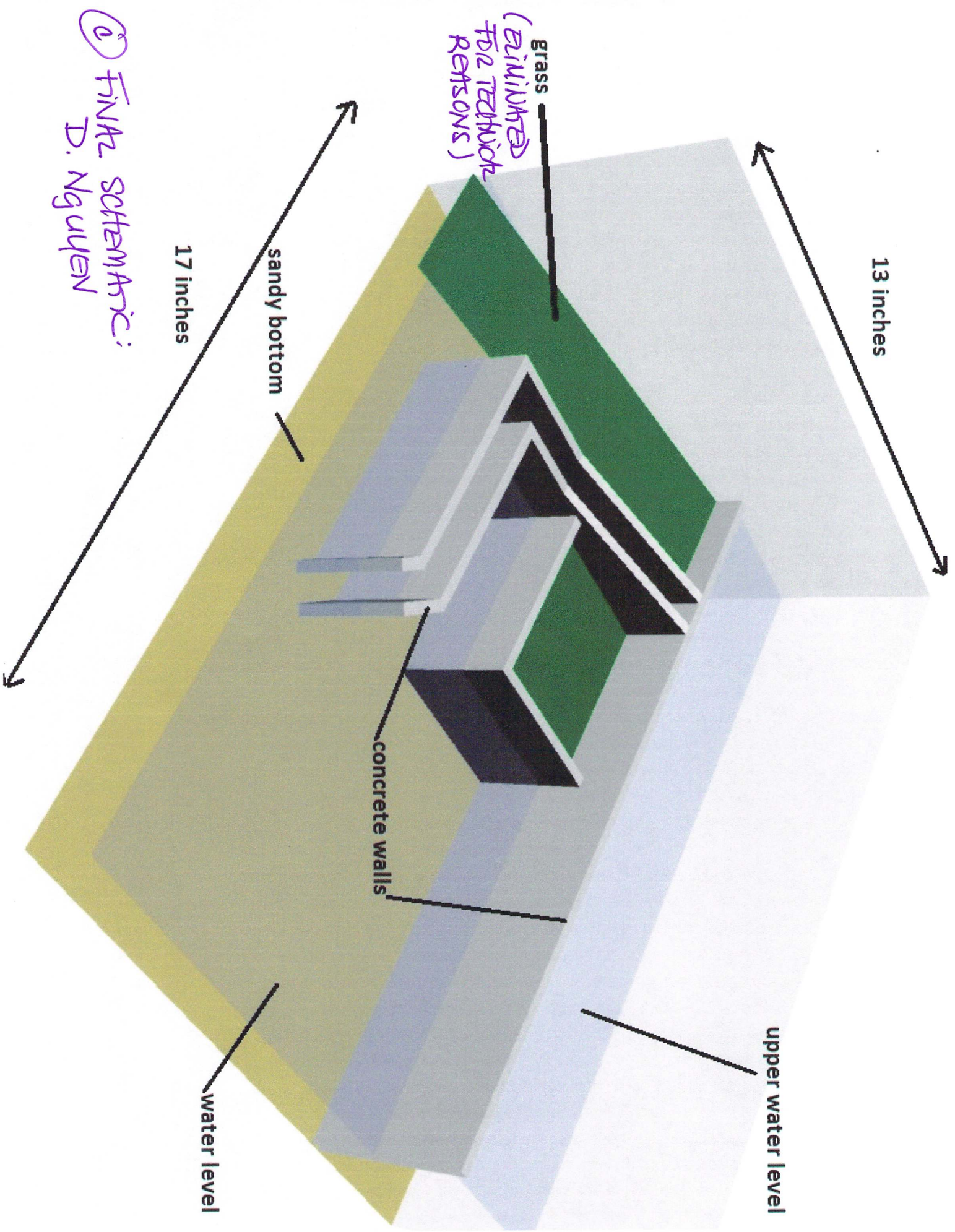
PORTABLE !! (no permits please)
 SELF CONTAINED
 RECIRCULATING PUMP (SM. FISH TANK PUMP?)
 DRAIN HOLE w. a/off cap
 BAFFLES (lime boards in ladder) that are REMOVABLE (part of DEMONSTRATION)
 BEDS (plastic - diff. sizes to represent fish)



① FIRST CONCEPT - Rough sketch!
 L. BRUNINI

③ First Schematic:
D. Nguyen





© Final schematic:
D. Nguyen

Whatever it takes...

INVOICE

Don Nguyen
42 East View St.
Warwick, RI 02888
401-323-9320
ddwinn@juno.com

DATE: JULY 28,2014
INVOICE # 07282014

Sold to: Linda Brunini
Kickemuit River Council
PO Box 590
Warren, RI 02885

SALESPERSON

P.O. NUMBER

PAYMENT TERMS

DUE DATE

Verbal

Net 30

QTY

UNIT PRICE

LINE TOTAL

1

Kickemuit River Fish Ladder Model

1900.00

1900.00

Paid. Check # 337

SUBTOTAL

Note : Please make checks Payable to Don Nguyen

1900.00