



Downwinders

reducing toxic air pollution in north texas *at risk*

Program Solicitation
Sue Pope North Texas Pollution Reduction Program

INTRODUCTION

The Sue Pope North Texas Pollution Reduction Program seeks to achieve significant reductions in the level of NO_x—a category of nitrogen and oxygen compounds produced by the burning of fossil fuels. Elevated levels of NO_x contribute to the formation of smog, impair visibility, and have significant health consequences. Due to the impact that NO_x has on air quality, it has been identified as a target pollutant for pollution reduction efforts nationwide.

Blue Skies Alliance Trust (BSA Trust) and Downwinders at Risk Education Fund (DAREF) have received \$2.25 million dollars in a settlement agreement, with these funds dedicated to achieving significant public reductions in NO_x in the North Central Texas Council of Government region's four core counties (Collin, Dallas, Denton, and Tarrant) and affected surrounding counties (Ellis, Erath, Hood, Hunt, Johnson, Kaufman, Navarro, Palo Pinto, Rockwall, Somervell, and Wise). Funds are to be disbursed to projects within these 16 counties by BSA Trust and DAREF through agencies including NCTCOG, DFW nonattainment area city or county governments, or Habitat for Humanity.

PROGRAM DESCRIPTION

The Sue Pope North Texas Pollution Reduction Program provides grants to third parties who agree to carry out activities that have a likelihood of achieving NO_x reductions. Funded projects may include school bus/fleet emission retrofits or reductions, low-income household weatherization, truck stop electrification, car replacement programs, or energy efficient building projects.

Each project will be reviewed on the basis of two review criteria:

- **Achieving Key Reductions.**
Applicants will be asked to provide evidence that their project achieves key reductions in NO_x as well as other major pollutants that impact human health. Preference will be given to projects that address multiple pollutants, achieve the highest ratio of reductions to project cost, and with the greatest overall longevity of NO_x reductions. Projects that address populations downwind of major point sources are strongly encouraged.
- **Public Impact.**
Applications will be reviewed based on whether the project serves as an important public exemplar of the application of air quality reductions. The public impact criterion may be satisfied by including an educational component on the importance

of NOx reductions and air quality, targeting sensitive groups (people with lung or heart disease, children and the elderly), or historically disadvantaged groups. Organizations may also satisfy the public impact criterion by acquiring matching funds for their project from government or local agencies; however, matching funds are not required.

Projects should explicitly address the two review criteria, with approximately 4/5 of project budget and time dedicated to achieving key reductions, with 1/5 of the project addressing the public impact goal.

APPLICATION GUIDELINES

Application for the Sue Pope North Texas Pollution Reduction Program requires the submission of a proposal by a potential grantee demonstrating interest and general outline of the project. Proposals will be reviewed and select organizations will be invited to submit a final full proposal.

Preproposals are currently being accepted:

Preproposals shall be no longer than five pages, and should include a description of the activities for which the applicant requests funding, the deliverables and environmental results, a detailed budget, and project timeline. Applicants should specifically address the two review criteria and identify the project activities that will address each of these criteria. All preproposals should also include the applicant information form (attached to this program announcement).

Final Proposal upon invitation:

The Sue Pope Fund will notify selected applicants that they may formally submit a full proposal. The complete application package will require additional project descriptions, detailed information on the environmental results, and letters of support from participating organizations. Applicants invited to submit a full proposal will be guided in the proposal completion process by a member of the organization to help craft a proposal that meets the objectives of the program.

BSA Trust and DAREF will make a formal announcement of funded projects to coordinate with the beginning of ozone season. Upon announcement of the grantees, arrangement will be made for transfer of project funds to recipient organizations within thirty (30) days.

MAILING ADDRESSES AND INFORMATION

Applicants who need clarification about specific requirements of the Sue Pope North Texas Pollution Reduction Program, or who would like to submit a preproposal may contact The Sue Pope Fund – North Texas Pollution Reduction Program.

THE SUE POPE FUND NORTH TEXAS POLLUTION REDUCTION PROGRAM

Office 972.296.9400

Fax 972.296.9492

Email: info@suepopefund.org



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Applicant Information Form Sue Pope North Texas Pollution Reduction Program

Organization type	Worth Helping
Organization type	Non-Profit
Organization Street Address:	3708 Linden Avenue
City, State, Zip	Fort Worth, TX 76107

Project Officer (Title, First, MI, Last, Suffix):		Trey Neville			
Phone— extension	817-966- 1513	Fax	817-927-8312	Email	info@worthhelping.org
Project Name		Small But Beautiful			
Location of Project		We are looking to identify infill lots in cities such as Fort Worth, Sansom Park, Arlington, Dallas, and any where else that it makes sense. We would tailor each project to the neighborhood and work with neighborhood leaders to create a support system for these new residents.			
Project Start Date (MM/DD/YYYY)	09/01/2009				
Project End Date (MM/DD/YYYY)	Hopefully never				

BUDGET: Please summarize your budget request in the space provided. You should also provide a more detailed budget in your preproposal.

Line Item	Requested Funds	Matching Funds
Single Family Home	\$82,737.00	
Love Pod	\$399,624.06	
Total:	\$482,361.06	

Option # 2 25%	120,590.27	

Use this Page to Provide Us With Additional Information:

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Please provide us with additional information regarding the project

Project Goal: To develop sustainable homes for deserving families in and around the Fort Worth area.

This organization began very casually. A group of us began meeting regularly to network with each other and discuss the various projects that we were working on or would like to be working on. Our group consists of real estate brokers, developers, consultants, builders, appraisers, lawyers and several other professionals. After several meetings, we realized that we all shared one vision – to participate in the future development of Fort Worth and to make sure it was developed in an eco friendly and sustainable manner. As the attendance of our meetings grew, it became evident that we needed a name to identify our cause. We decided on Worth Sustaining. With the guidance of the attorneys that now populated our meetings, we also decided to set up a Non Profit organization. We named it Worth Helping.

Several members of our organization had heard or read about various green home developments sprouting up across the nation. A lot of these developments are targeted towards the less fortunate. After reading about the homes being built by students at Auburn University's Rural Design Studio program (<http://www.cadc.auburn.edu/soa/rural-studio/20KHouse8/>), we decided that we wanted to make a difference in our own backyard.

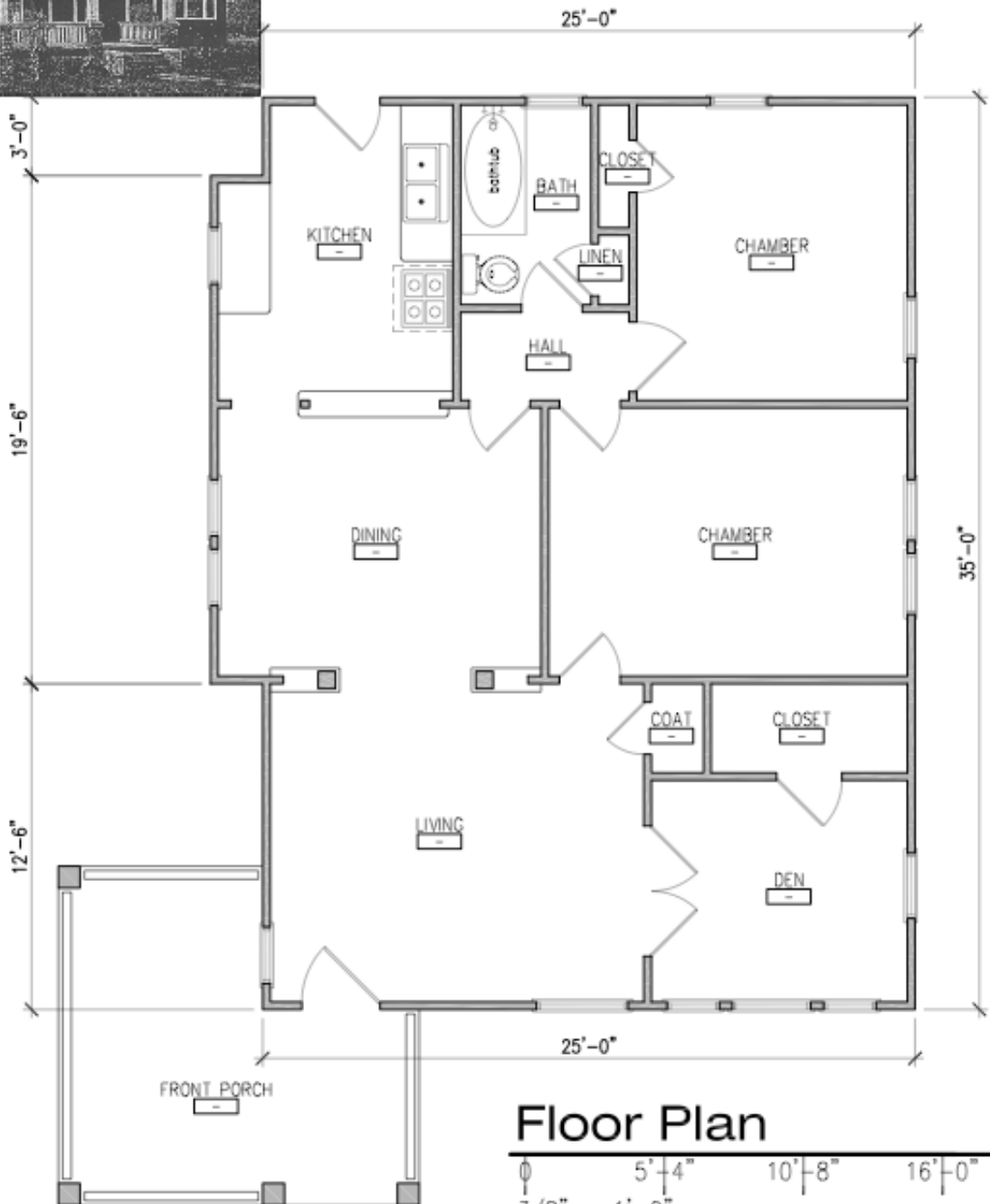
After endless brainstorm sessions focusing on the design of the homes, the locations and people willing to partner with us on this project, we decided the exact location was not as important as a good design and a good plan of action. We know there are inner city lots scattered across the Metroplex that will work for our model. There are people living in these parts of our city that need a safe and efficient home they can be proud of. Our project is not just building energy efficient homes though. Our goal is to build a community and support system for the people in these inner city neighborhoods and to educate them on the values of energy savings.

We want to work with local leader, other nonprofits, churches, synagogues and the like to establish a support system for the recipients of these homes. We feel it is very important to provide these people with not only a house but also a sense of community. We like to think of it as social justice; a chance to help other people out. We hope that if we can help them that in the future they can help others.

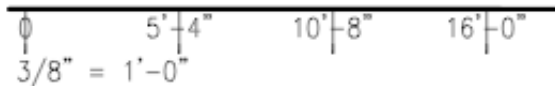
Give a man a fish and you feed him for a day. Teach a man to fish and you feed him for a lifetime.

The following plan is for an approximately eight hundred square foot home The home plans shows two bedrooms and one bath along with a den that could serve as a bedroom or study. The kitchen and living areas can be modified to suit the individual tastes and preferences. We like to think of these homes as being things of beauty where size is irrelevant and focus is design and function.

Single Family Home Conceptual Design



Floor Plan



SUSTAINABLE DEVELOPMENT
 TREY NEVILLE 6336 MALVEY AVENUE
 T 817.966.1513 F 817.735.1676 trey@sustaind.com
 WWW.SUSTAIND.COM

Presentation Floor Plan
 April 23, 2009



Worth Helping Small But Beautiful Home Pro Forma
805 square feet

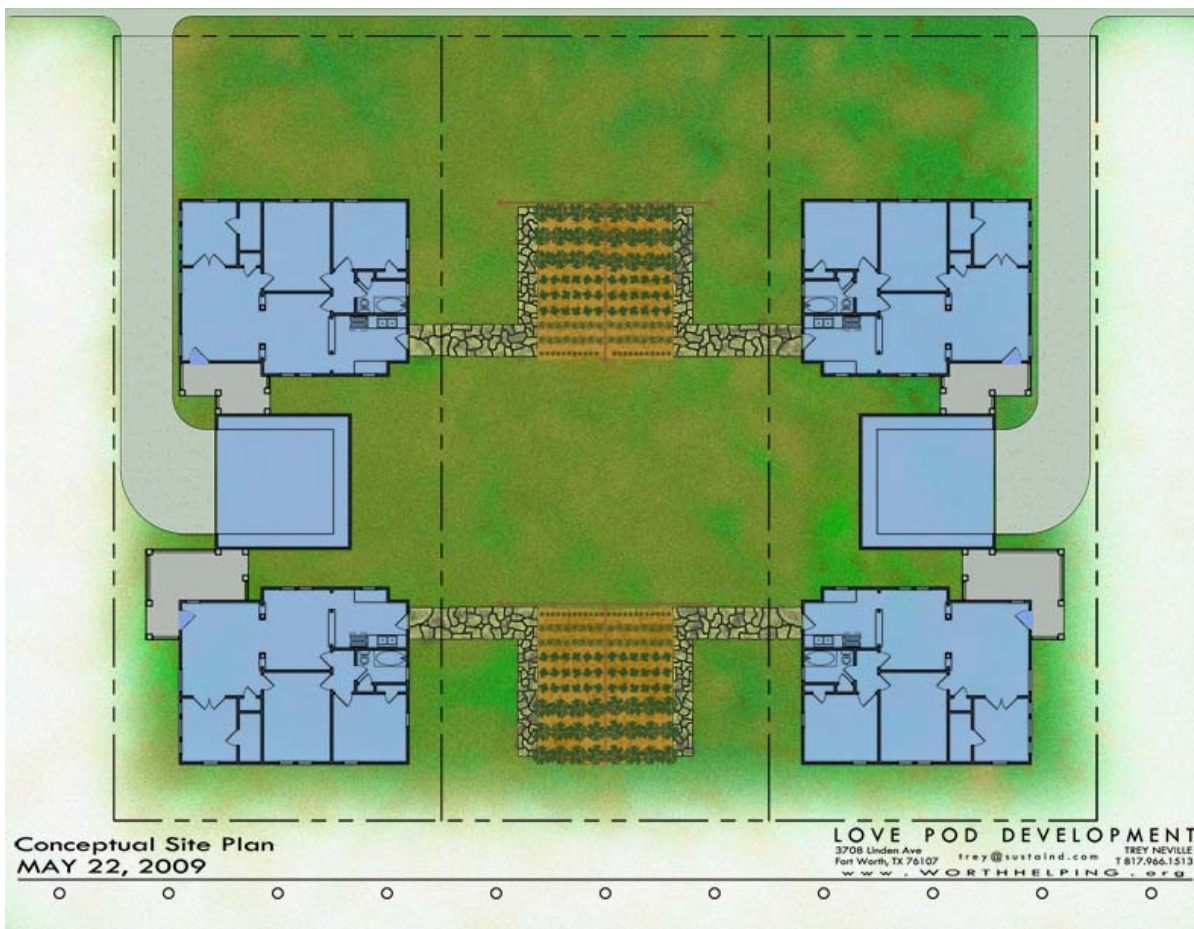
Component	Per Foot	Per Home
Foundation	\$3.20	\$2,576.00
Framing Materials	\$16.95	\$13,644.75
Framing Labor	\$4.40	\$3,542.00
HVAC	\$2.75	\$2,213.75
Plumbing	\$3.05	\$2,455.25
Electrical	\$2.60	\$2,093.00
Fixtures	\$4.20	\$3,381.00
Insulation	\$3.35	\$2,696.75
Drywall	\$2.60	\$2,093.00
Paint	\$1.75	\$1,408.75
Stain concrete	\$1.20	\$966.00
Trim materials	\$4.80	\$3,864.00
Trim Labor	\$2.20	\$1,771.00
Appliances	\$2.60	\$2,093.00
Windows	\$3.75	\$3,018.75
Doors	\$3.20	\$2,576.00
Landscape	\$1.75	\$1,408.75
Rainwater	\$2.35	\$1,891.75
Solar Install	\$18.95	\$15,254.75
Cost of Construction		\$68,948.25
Project Management	20%	\$13,789.65
Single Home Cost		\$82,737.90

Leveraged Construction Scenario

Equity	25%	\$20,684.48
Interest Exp 6 months	6%	\$1,861.60
Closing	3%	\$2,482.14
Cash Required to build one unit		\$25,028.21

The home we have shown and the cost break down are representative of one unit we would like to construct in a two or four unit arrangement. We have designed these homes to fit side by side on a fifty foot wide by one hundred and twenty foot deep existing city lot. Ideally, we acquire three contiguous lots in order to place two units on the exterior lots and use the interior lot for a community green space and garden. We believe it is important to educate residents on how to cultivate and grow their own fruits and vegetables. By creating a community garden, you're cutting down on grocery bills and may even be providing food to those that couldn't afford it otherwise. Additionally, the time spent in the garden can serve as a release from life's burdens and create a sense of communication between neighbors. The community garden will also serve to educate residents not only about gardening, but other sustainable practices like: composting, rainwater harvesting, or things as simple as the utilization of clothes lines.

Love Pod Development Schematic



Love Pod Pro Forma

Four Units	\$330,951.60
Sustainable Garden	\$49,642.74
Love Pod Cost	\$380,594.34
Operating Expenses	\$19,029.72
Projected Total Cost	\$399,624.06

In order to reduce the NOx we will build a simple yet effective and efficient home while enlisting alternative energy sources to power the home and lessen its burden. Pre-engineered framing helps eliminate waste from the project and reduce our impact on landfills and the need for redundant on-site electrical use. The thermal envelope will reduce the hours of operation for the heating and cooling systems and reduce the required electricity consumption. We will use regional materials like recycled gypsum and other local and recycled products to limit fossil fuel consumption for both transportation and production. We will use colored cement fiberboard exteriors further reducing emissions from exterior paint and VOCs. For the interior we will use no or low VOC paint, stain and finishes throughout the interior of the home.

The two largest NOx reductions will be the community garden and the photovoltaic installation. The plant and vegetable garden reduces the NOx by eliminating the transportation and warehousing for fruit and vegetables. We hope the combination of the solar panels, homeowner education and diligent energy management will bring the home close to zero energy levels and further decrease the need for electrical power in North Texas.

We want to give them not only a place to call home but also an opportunity to create a better life. All too often people get knocked down and we choose to turn away rather than reaching down to help pick them back up. We believe it makes a difference and makes a lot of sense to help others out. It might provide someone with a little perspective, or it might make an even larger impact. For whatever its worth, we all need a little help.

In conclusion we want to make things a little bit better for some well deserving people. We all know that it is long overdue and instead of seeking a quick fix lets build on solid foundation, one that can be built on for generations to come. And in this case we believe along the lines of the movie Field of Dreams 'If you build it they will come.'