



Lexington-Fayette Urban County Government

Lexington, Kentucky
Horse Capital of the World

Division of Central Purchasing

Date of Issue: February 25, 2015

INVITATION TO BID #23-2015 Manufactured Tomado Safe Room

Bid Opening Date: March 11, 2015 **Bid Opening Time:** 2:00 PM
Address: 200 East Main Street, 3rd Floor, Room 338, Lexington, Kentucky 40507
Type of Bid: Firm Bid

Pre Bid Meeting: N/A **Pre Bid Time:** N/A
Address: N/A

Sealed bids will be received in the office of the Division of Central Purchasing, 200 East Main Street, Lexington, Kentucky, until **2:00 PM**, prevailing local time on **03/11/2015**. Bids must be received by the above-mentioned date and time. Mailed bids should be sent to:

Division of Central Purchasing
200 East Main Street, Room 338
Lexington, KY 40507, (859) 258-3320

The Lexington-Fayette Urban County Government assumes no responsibility for bids that are not addressed and delivered as indicated above. **Bids that are not delivered to the Division of Central Purchasing by the stated time and date will be rejected.** All bids must be signed and have the company name and address, bid invitation number, and the name of the bid on the outside of the envelope.

Bids are to include all shipping costs to the point of delivery located at: 1306 Versailles Rd, Lexington, KY 40504

Bid Security Required: Yes No *Cashier Check, Certified Check, Bid Bond (Personal checks and company checks will not be acceptable).*

Performance Bond Required: Yes No

Check One:		Proposed Delivery:
<input checked="" type="checkbox"/> Bid Specifications Met	<input type="checkbox"/> Exceptions to Bid Specifications. <i>Exceptions shall be itemized and attached to bid proposal submitted.</i>	<u>30</u> days after acceptance of bid.
Procurement Card Usage —The Lexington-Fayette Urban County Government may be using Procurement Cards to purchase goods and services and also to make payments. Will you accept Procurement Cards? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Submitted by: Harbor Enterprises dba Survive-A-Storm Shelters
Firm Name

1207 Sunset Dr.

Address

Thomasville, GA. 31792

City, State & Zip

Bid must be signed: Jeannie Singleton Community Storm Shelter Sales Executive
(original signature) **Signature of Authorized Company Representative – Title**

Jeannie Singleton

Representative's Name (Typed or printed)

(229) 226-0911

Area Code - Phone -- Extension Fax #

jeannie@survive-a-storm.com

E-Mail Address

The Affidavit in this bid must be completed before your firm can be considered for award of this contract.

AFFIDAVIT

Comes the Affiant, Jeannie Singleton, and after being first duly sworn under penalty of perjury as follows:

1. His/her name is Jeannie Singleton and he/she is the individual submitting the bid or is the authorized representative of Harbor Enterprises dba Survive-A-Storm Shelters the entity submitting the bid (hereinafter referred to as "Bidder")
2. Bidder will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the bid is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.
3. Bidder will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.
4. Bidder has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.
5. Bidder has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Bidder will not violate any provision of the campaign finance laws of the Commonwealth.
6. Bidder has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."
7. Bidder acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

Further, Affiant sayeth naught. _____

STATE OF Georgia

COUNTY OF Thomas

The foregoing instrument was subscribed, sworn to and acknowledged before me by Todd Vanderbeek on this the 13 day of March, 2015.

My Commission expires: April 12, 2015

NOTARY PUBLIC, STATE AT LARGE



Please refer to Section II. Bid Conditions, Item "U" prior to completing this form.

I. GREEN PROCUREMENT

A. ENERGY

The Lexington-Fayette Urban County Government is committed to protecting our environment and being fiscally responsible to our citizens.

The Lexington-Fayette Urban County Government mandates the use of Energy Star compliant products if they are available in the marketplace (go to www.Energystar.gov). If these products are available, but not submitted in your pricing, your bid will be rejected as non-compliant.

ENERGY STAR is a government program that offers businesses and consumers energy-efficient solutions, making it easy to save money while protecting the environment for future generations.

Key Benefits

- These products use 25 to 50% less energy
- Reduced energy costs without compromising quality or performance
- Reduced air pollution because fewer fossil fuels are burned
- Significant return on investment
- Extended product life and decreased maintenance

B. GREEN SEAL CERTIFIED PRODUCTS

The Lexington-Fayette Urban County Government is also committed to using other environmentally friendly products that do not negatively impact our environment. Green Seal is a non-profit organization devoted to environmental standard setting, product certification, and public education.

Go to www.Greenseal.org to find available certified products. These products will have a reduced impact on the environment and on human health. The products to be used must be pre-approved by the LFUCG prior to commencement of any work in any LFUCG facility. If a Green Seal product is not available, the LFUCG must provide a signed waiver to use an alternate product. Please provide information on the Green Seal products being used with your bid response.

C. GREEN COMMUNITY

The Lexington-Fayette Urban County Government (LFUCG) serves as a principal, along with the University of Kentucky and Fayette County Public Schools, in the Bluegrass Partnership for a Green Community. The Purchasing Team component of the Partnership collaborates on economy of scale purchasing that promotes and enhances environmental initiatives. Specifically, when applicable, each principal is interested in obtaining best value products and/or services which promote environment initiatives via solicitations and awards from the other principals.

If your company is the successful bidder on this Invitation For Bid, do you agree to extend the same product/service pricing to the other principals of the Bluegrass Partnership for a Green Community (i.e. University of Kentucky and Fayette County Schools) if requested?

Yes X No

II. Bid Conditions

- A. No bid may be withdrawn for a period of sixty (60) days after the date and time set for opening.
- B. No bid may be altered after the date and time set for opening. In the case of obvious errors, the Division of Central Purchasing may permit the withdrawal of a bid. The decision as to whether a bid may be withdrawn shall be that of the Division of Central Purchasing.
- C. Acceptance of this proposal shall be enactment of an Ordinance by the Urban County Council.
- D. The bidder agrees that the Urban County Government reserves the right to reject any and all bids for either fiscal or technical reasons, and to award each part of the bid separately or all parts to one vendor.
- E. Minor exceptions may not eliminate the bidder. The decision as to whether any exception is minor shall be entirely that of the head of the requisitioning Department or Division and the Director of the Division of Central Purchasing. The Urban County Government may waive technicalities and informalities where such waiver would best serve the interests of the Urban County Government.
- F. Manufacturer's catalogue numbers, trade names, etc., where shown herein are for descriptive purposes and are to guide the bidder in interpreting the standard of quality, design, and performance desired, and shall not be construed to exclude proposals based on furnishing other types of materials and/or services. However, any substitution or departure proposed by the bidder must be clearly noted and described; otherwise, it will be assumed that the bidder intends to supply items specifically mentioned in this Invitation for Bids.
- G. The Urban County Government may require demonstrations of the materials proposed herein prior to acceptance of this proposal.
- H. Bids must be submitted on this form and must be signed by the bidder or his authorized representative. Unsigned bids will not be considered.
- I. Bids must be submitted prior to the date and time indicated for opening. Bids submitted after this time will not be considered.
- J. All bids mailed must be marked on the face of the envelope:

"Bid on #23-2015 Manufactured Tornado Safe Room"

and addressed to: Division of Central Purchasing
 200 East Main Street, Room 338
 Lexington, Kentucky 40507

The Lexington-Fayette Urban County Government assumes no responsibility for bids that are not addressed and delivered as indicated above. Bids that are not delivered to the Division of Central Purchasing by the stated time and date will be rejected.

- K. Bidder is requested to show both unit prices and lot prices. In the event of error, the unit price shall prevail.
- L. A certified check or Bid Bond in the amount of XX percent of the bid price must be attached hereto. This check must be made payable to the Lexington-Fayette Urban County Government, and will be returned when the material and/or services specified herein have been delivered in accordance with specifications. In the event of failure to perform within the time period set forth in this bid, it is agreed the certified check may be cashed and the funds retained by the Lexington-Fayette Urban County Government as liquidated damages. Checks of unsuccessful bidders will be returned when the bid has been awarded.
- M. The delivery dates specified by bidder may be a factor in the determination of the successful bidder.
- N. Tabulations of bids received may be mailed to bidders. Bidders requesting tabulations must enclose a stamped, self-addressed envelope with the bid.
- O. The Lexington-Fayette Urban County Government is exempt from Kentucky Sales Tax and Federal Excise Tax on materials purchased from this bid invitation. Materials purchased by the bidder for construction projects are not tax exempt and are the sole responsibility of the bidder.
- P. All material furnished hereunder must be in full compliance with OSHA regulations.

- Q. If more than one bid is offered by one party, or by any person or persons representing a party, all such bids shall be rejected.
- R. Signature on the face of this bid by the Bidder or his authorized representative shall be construed as acceptance of and compliance with all terms and conditions contained herein.
- S. The Entity (regardless of whether construction contractor, non-construction contractor or supplier) agrees to provide equal opportunity in employment for all qualified persons, to prohibit discrimination in employment because of race, color, creed, national origin, sex or age, and to promote equal employment through a positive, continuing program from itself and each of its sub-contracting agents. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.
- T. The Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any county, city, town, school district, water district, hospital district, or other political subdivision of the state shall include in directly or indirectly publicly funded contracts for supplies, materials, services, or equipment hereinafter entered into the following provisions:

During the performance of this contract, the contractor agrees as follows:

- (1) *The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin;*
- (2) *The contractor will state in all solicitations or advertisements for employees placed by or on behalf of the contractors that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age or national origin;*
- (3) *The contractor will post notices in conspicuous places, available to employees and applicants for employment, setting forth the provisions of the non-discrimination clauses required by this section; and*
- (4) *The contractor will send a notice to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding advising the labor union or workers' representative of the contractor's commitments under the nondiscrimination clauses.*

The Act further provides:

KRS 45.610. Hiring minorities - Information required

- (1) *For the length of the contract, each contractor shall hire minorities from other sources within the drawing area, should the union with which he has collective bargaining agreements be unwilling to supply sufficient minorities to satisfy the agreed upon goals and timetable.*
- (2) *Each contractor shall, for the length of the contract, furnish such information as required by KRS 45.560 to KRS 45.640 and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to his employment practices and work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with KRS 45.560 to 45.640 and such rules, regulations and orders issued pursuant thereto.*

KRS 45.620. Action against contractor - Hiring of minority contractor or subcontractor

- (1) *If any contractor is found by the department to have engaged in an unlawful practice under this chapter during the course of performing under a contract or subcontract covered under KRS 45.560 to 45.640, the department shall so certify to the contracting agency and such certification shall be binding upon the contracting agency unless it is reversed in the course of judicial review.*
- (2) *If the contractor is found to have committed an unlawful practice under KRS 45.560 to 45.640, the contracting agency may cancel or terminate the contract, conditioned upon a program for future compliance approved by the contracting agency and the department. The contracting agency may declare such a contractor ineligible to bid on further contracts with that agency until such time as the contractor complies in full with the requirements of KRS 45.560 to 45.640.*

- (3) *The equal employment provisions of KRS 45.560 to 45.640 may be met in part by a contractor by subcontracting to a minority contractor or subcontractor. For the provisions of KRS 45.560 to 45.640, a minority contractor or subcontractor shall mean a business that is owned and controlled by one or more persons disadvantaged by racial or ethnic circumstances.*

KRS 45.630 Termination of existing employee not required, when

Any provision of KRS 45.560 to 45.640 notwithstanding, no contractor shall be required to terminate an existing employee upon proof that that employee was employed prior to the date of the contract.

KRS 45.640 Minimum skills

Nothing in KRS 45.560 to 45.640 shall require a contractor to hire anyone who fails to demonstrate the minimum skills required to perform a particular job.

It is recommended that all of the provisions above quoted to be included as special conditions in each contract. In the case of a contract exceeding \$250,000, the contractor is required to furnish evidence that his work-force in Kentucky is representative of the available work-force in the area from which he draws employees, or to supply an Affirmative Action plan which will achieve such representation during the life of the contract.

- U. Any party, firm or individual submitting a proposal pursuant to this invitation must be in compliance with the requirements of the Lexington-Fayette Urban County Government regarding taxes and fees before they can be considered for award of this invitation and must maintain a "current" status with regard to those taxes and fees throughout the term of the contract. The contractor must be in compliance with Chapter 13 from the Code of Ordinances of the Lexington-Fayette Urban County Government. The contractor must be in compliance with Ordinance 35-2000 pursuant to contractor registration with the Division of Building Inspection. If applicable, said business must have a Fayette County business license.

Pursuant to KRS 45A.343 and KRS 45A.345, the contractor shall

- (1) *Reveal any final determination of a violation by the contractor within the previous five year period pursuant to KRS Chapters 136 (corporation and utility taxes), 139 (sales and use taxes), 141 (income taxes), 337 (wages and hours), 338 (occupational safety and health of employees), 341 (unemployment and compensation) and 342 (labor and human rights) that apply to the contractor; and*
- (2) *Be in continuous compliance with the above-mentioned KRS provisions that apply to the contractor for the duration of the contract.*

A contractor's failure to reveal the above or to comply with such provisions for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the contractor from eligibility for future contracts for a period of two (2) years.

- V. Vendors who respond to this invitation have the right to file a notice of contention associated with the bid process or to file a notice of appeal of the recommendation made by the Director of Central Purchasing resulting from this invitation.

Notice of contention with the bid process must be filed within 3 business days of the bid/proposal opening by (1) sending a written notice, including sufficient documentation to support contention, to the Director of the Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his/her contention with the bid process. After consulting with the Commissioner of Finance the Chief Administrative Officer and reviewing the documentation and/or hearing the vendor, the Director of Central Purchasing shall promptly respond in writing findings as to the compliance with bid processes. If, based on this review, a bid process irregularity is deemed to have occurred the Director of Central Purchasing will consult with the Commissioner of Finance, the Chief Administrative Officer and the Department of Law as to the appropriate remedy.

Notice of appeal of a bid recommendation must be filed within 3 business days of the bid recommendation by (1) sending a written notice, including sufficient documentation to support appeal, to the Director, Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central

Purchasing to explain his appeal. After reviewing the documentation and/or hearing the vendor and consulting with the Commissioner of Finance and the Chief Administrative Officer, the Director of Central Purchasing shall in writing, affirm or withdraw the recommendation.

LFUCG Non-Appropriation Clause

Contractor acknowledges that the LFUCG is a governmental entity, and the contract validity is based upon the availability of public funding under the authority of its statutory mandate.

In the event that public funds are unavailable and not appropriated for the performance of the LFUCG's obligations under this contract, then this contract shall automatically expire without penalty to the LFUCG thirty (30) days after written notice to Contractor of the unavailability and non-appropriation of public funds. It is expressly agreed that the LFUCG shall not activate this non-appropriation provision for its convenience or to circumvent the requirements of this contract, but only as an emergency fiscal measure during a substantial fiscal crisis, which affects generally its governmental operations.

In the event of a change in the LFUCG's statutory authority, mandate and mandated functions, by state and federal legislative or regulatory action, which adversely affects the LFUCG's authority to continue its obligations under this contract, then this contract shall automatically terminate without penalty to the LFUCG upon written notice to Contractor of such limitation or change in the LFUCG's legal authority.

SPECIAL INSTRUCTIONS TO THE BIDDER

(DO NOT SUBMIT PERFORMANCE SECURITY WITH BID)

Performance Security: The APPARENT LOW BIDDER shall furnish, before recommendation by the Division of Central Purchasing to the Urban County Council that the BIDDER'S bid be accepted, a Performance Bond, Certified Check or Cashier's Check, payable to the Lexington-Fayette Urban County Government, in the penal sum of 100% of the price of the materials and/or services proposed in the bid.

The performance bond will not be returned to the bidder after delivery of the materials/services specified herein unless the bidder requests that the performance bond be returned.

The certified / cashier's check will be returned when the materials and/or services specified herein have been delivered.

In the event of bidder's failure to perform as specified herein, it is agreed that the monies represented by the performance bond or certified / cashier's check shall be retained by the Lexington-Fayette Urban County Government as liquidated damages.

Contracts that are less than \$50,000 will not require a 5% bid security or a performance and payment bond.

EQUAL OPPORTUNITY AGREEMENT

The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states:

The Contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap.

- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, Vietnam veterans, handicapped and aged persons.

Jeanie Singleton
Signature


Harbor Enterprises dba Survive-A-Storm Shelters
Name of Business

GENERAL PROVISIONS OF BID CONTRACT

By signing the below, bidder acknowledges that it understands and agrees with the following provisions related to its bid response and the provision of any goods or services to LFUCG upon selection by LFUCG pursuant to the bid request:

1. Bidder shall comply with all Federal, State & Local regulations concerning this type of service or good.
2. Failure to submit ALL forms and information required by LFUCG may be grounds for disqualification.
3. Addenda: All addenda, if any, must be considered by the bidder in making its response, and such addenda shall be made a part of the requirements of the bid contract. Before submitting a bid response, it is incumbent upon bidder to be informed as to whether any addenda have been issued, and the failure of the bidder to cover any such addenda may result in disqualification of that response.
4. Bid Reservations: LFUCG reserves the right to reject any or all bid responses, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by bidder in the preparation of its response.
6. Changes/Alterations: Bidder may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the bid response, and received by LFUCG prior to the scheduled closing time for receipt of bids, will be accepted. The bid response when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of bid response".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from any bidder.
8. Bribery Clause: By his/her signature on its response, bidder certifies that no employee of his/hers, any affiliate or subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.
9. Additional Information: While not necessary, the bidder may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the bid response. Additional documentation shall not serve as a substitute for other documentation which is required by the LFUCG to be submitted with the bid response.
10. Ambiguity, Conflict or other Errors: If a bidder discovers any ambiguity, conflict, discrepancy, omission or other error in the bid request of LFUCG, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting its bid response, the bidder agrees that it has carefully examined the specifications and all provisions relating to LFUCG's bid request, including but not limited to the bid contract. By submission of its bid response, bidder states that it understands the meaning, intent and requirements of LFUCG's bid request and agrees to the same. The successful bidder shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to bidder shall be authorized for services, expenses, or goods reasonably covered under these provisions that the bidder omits from its bid response.
12. Cancellation: LFUCG may unilaterally terminate the bid contract with the selected bidder(s) at any time, with or without cause, by providing at least thirty (30) days advance written notice unless a different advance written notice period is negotiated prior to contract approval. Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.
13. Assignment of Contract: The selected bidder(s) shall not assign or subcontract any portion of the bid contract with LFUCG without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.

14. **No Waiver:** No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this bid proposal or bid contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. **Authority to do Business:** Each bidder must be authorized to do business under the laws of the Commonwealth of Kentucky and must be in good standing and have full legal capacity to provide the goods or services specified in the bid proposal. Each bidder must have all necessary right and lawful authority to submit the bid response and enter into the bid contract for the full term hereof including any necessary corporate or other action authorizing the bidder to submit the bid response and enter into this bid contract. If requested, the bidder will provide LFUCG with a copy of a corporate resolution authorizing this action and/or a letter from an attorney confirming that the proposer is authorized to do business in the Commonwealth of Kentucky. All bid responses must be signed by a duly authorized officer, agent or employee of the bidder.
16. **Governing Law:** This bid request and bid contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this matter, the bidder agrees that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division and that the bidder expressly consents to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to these matters or any rights or obligations arising thereunder.
17. **Ability to Meet Obligations:** Bidder affirmatively states that there are no actions, suits or proceedings of any kind pending against bidder or, to the knowledge of the bidder, threatened against the bidder before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of bidder to perform its obligations under this bid response or bid contract, or which question the legality, validity or enforceability hereof or thereof.
18. Bidder understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Bidder is an independent contractor at all times related to the bid response or bid contract.
19. If any term or provision of this bid contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.


Signature

13 March 2015
Date

**RISK MANAGEMENT PROVISIONS
INSURANCE AND INDEMNIFICATION**

INDEMNIFICATION AND HOLD HARMLESS PROVISION

- (1) It is understood and agreed by the parties that Contractor hereby assumes the entire responsibility and liability for any and all damages to persons or property caused by or resulting from or arising out of any act or omission on the part of Contractor or its employees, agents, servants, owners, principals, licensees, assigns or subcontractors of any tier (hereinafter "CONTRACTOR") under or in connection with this agreement and/or the provision of goods or services and the performance or failure to perform any work required thereby.
- (2) CONTRACTOR shall indemnify, save, hold harmless and defend the Lexington-Fayette Urban County Government and its elected and appointed officials, employees, agents, volunteers, and successors in interest (hereinafter "LFUCG") from and against all liability, damages, and losses, including but not limited to, demands, claims, obligations, causes of action, judgments, penalties, fines, liens, costs, expenses, interest, defense costs and reasonable attorney's fees that are in any way incidental to or connected with, or that arise or are alleged to have arisen, directly or indirectly, from or by CONTRACTOR's performance or breach of the agreement and/or the provision of goods or services provided that: (a) it is attributable to personal injury, bodily injury, sickness, or death, or to injury to or destruction of property (including the loss of use resulting therefrom), or to or from the negligent acts, errors or omissions or willful misconduct of the CONTRACTOR; and (b) not caused solely by the active negligence or willful misconduct of LFUCG.
- (3) In the event LFUCG is alleged to be liable based upon the above, CONTRACTOR shall defend such allegations and shall bear all costs, fees and expenses of such defense, including but not limited to, all reasonable attorneys' fees and expenses, court costs, and expert witness fees and expenses, using attorneys approved in writing by LFUCG, which approval shall not be unreasonably withheld.
- (4) These provisions shall in no way be limited by any financial responsibility or insurance requirements, and shall survive the termination of this agreement.
- (5) LFUCG is a political subdivision of the Commonwealth of Kentucky. CONTRACTOR acknowledges and agrees that LFUCG is unable to provide indemnity or otherwise save, hold harmless, or defend the CONTRACTOR in any manner.

FINANCIAL RESPONSIBILITY

BIDDER/CONTRACTOR understands and agrees that it shall, prior to final acceptance of its bid and the commencement of any work, demonstrate the ability to assure compliance with the above Indemnity provisions and these other risk management provisions.

INSURANCE REQUIREMENTS

YOUR ATTENTION IS DIRECTED TO THE INSURANCE REQUIREMENTS BELOW, AAND YOU MAY NEED TO CONFER WITH YOUR INSURANCE AGENTS, BROKERS, OR CARRIERS TO DETERMINE IN ADVANCE OF SUBMISSION OF A RESPONSE THE AVAILABILITY OF THE INSURANCE COVERAGES AND ENDORSEMENTS REQUIRED HEREIN. IF YOU FAIL TO COMPLY WITH THE INSURANCE REQUIREMENTS BELOW, YOU MAY BE DISQUALIFIED FROM AWARD OF THE CONTRACT.

Required Insurance Coverage

BIDDER/CONTRACTOR shall procure and maintain for the duration of this contract the following or equivalent insurance policies at no less than the limits shown below and cause its subcontractors to maintain similar insurance with limits acceptable to LFUCG in order to protect LFUCG against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by CONTRACTOR. The cost of such insurance shall be included in any bid:

<u>Coverage</u>	<u>Limits</u>
General Liability (Insurance Services Office Form CG 00 01)	\$1 million per occurrence, \$2 million aggregate or \$2 million combined single limit
Commercial Automobile Liability (Insurance Services Office Form CA 0001)	combined single, \$1 million per occurrence
Worker's Compensation	Statutory
Employer's Liability	\$500,000.00

The policies above shall contain the following conditions:

- a. All Certificates of Insurance forms used by the insurance carrier shall be properly filed and approved by the Department of Insurance for the Commonwealth of Kentucky (DOI). LFUCG shall be named as an additional insured in the General Liability Policy and Commercial Automobile Liability Policy using the Kentucky DOI approved forms.
- b. The General Liability Policy shall be primary to any insurance or self-insurance retained by LFUCG.
- c. The General Liability Policy shall include a Products and Completed Operations endorsement or Premises and Operations Liability and a Products Liability endorsement unless it is deemed not to apply by LFUCG.
- d. LFUCG shall be provided at least 30 days advance written notice via certified mail, return receipt requested, in the event any of the required policies are canceled or non-renewed.
- e. Said coverage shall be written by insurers acceptable to LFUCG and shall be in a form acceptable to LFUCG. Insurance placed with insurers with a rating classification of no less than Excellent (A or A-) and a financial size category of no less than VIII, as defined by the most current Best's Key Rating Guide shall be deemed automatically acceptable.

Renewals

After insurance has been approved by LFUCG, evidence of renewal of an expiring policy must be submitted to LFUCG, and may be submitted on a manually signed renewal endorsement form. If the policy or carrier has changed, however, new evidence of coverage must be submitted in accordance with these Insurance Requirements.

Deductibles and Self-Insured Programs

IF YOU INTEND TO SUBMIT A SELF-INSURANCE PLAN IT MUST BE FORWARDED TO LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, DIVISION OF RISK MANAGEMENT, 200 EAST MAIN STREET, LEXINGTON, KENTUCKY 40507 NO LATER THAN A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO THE RESPONSE DATE. Self-insurance programs, deductibles, and self-insured retentions in insurance policies are subject to separate approval by Lexington-Fayette Urban County Government's Division of Risk Management, upon review of evidence of BIDDER/CONTRACTOR's financial capacity to respond to claims. Any such programs or retentions must provide LFUCG with at least the same protection from liability and defense of suits as would be afforded by first-dollar insurance coverage. If BIDDER/CONTRACTOR satisfies any portion of the insurance requirements through deductibles, self-insurance programs, or self-insured retentions, BIDDER/CONTRACTOR agrees to provide Lexington-Fayette Urban County Government, Division of Risk Management, the following data prior to the final acceptance of bid and the commencement of any work:

- a. Latest audited financial statement, including auditor's notes.
- b. Any records of any self-insured trust fund plan or policy and related accounting statements.
- c. Actuarial funding reports or retained losses.
- d. Risk Management Manual or a description of the self-insurance and risk management program.
- e. A claim loss run summary for the previous five (5) years.
- f. Self-Insured Associations will be considered.

Safety and Loss Control

CONTRACTOR shall comply with all applicable federal, state, and local safety standards related to the performance of its works or services under this Agreement and take necessary action to protect the life, health and safety and property of all of its personnel on the job site, the public, and LFUCG.

Verification of Coverage

BIDDER/CONTRACTOR agrees to furnish LFUCG with all applicable Certificates of Insurance signed by a person authorized by the insurer to bind coverage on its behalf prior to final award, and if requested, shall provide LFUCG copies of all insurance policies, including all endorsements.

Right to Review, Audit and Inspect

CONTRACTOR understands and agrees that LFUCG may review, audit and inspect any and all of its records and operations to insure compliance with these Insurance Requirements.

DEFAULT

BIDDER/CONTRACTOR understands and agrees that the failure to comply with any of these insurance, safety, or loss control provisions shall constitute default and that LFUCG may elect at its option any single remedy or penalty or any combination of remedies and penalties, as available, including but not limited to purchasing insurance and charging BIDDER/CONTRACTOR for any such insurance premiums purchased, or suspending or terminating the work.

23-2015 MANUFACTURED TORNADO SAFE ROOM
LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT
DIVISION OF EMERGENCY MANAGEMENT

Bids are being accepted for one (1) above ground, pre-engineered, pre-manufactured tornado safe room that complies with the specifications set forth by the National Storm Shelter Association, FEMA and/or Texas Tech University. Design certification must be approved by a Kentucky Professional Engineer.

SPECIFICATIONS

7'3"H x 42'W x 8'D Tornado Shelter

- All fully welded construction
- Interlocking, all welded wall sections for superior strength
- Heavy-duty bolt down cement anchors
- Weight: Approx. 9,295 lbs.
- 12 Gauge Walls
- 2 vents (high and low) with welded vent covers for fresh air flow and to reduce the build up of air pressures.
- FEMA 320 Rated Storm Door. 12 gauge, 36"W x 80"H Single Door and Frame
- 1 Cylindrical Knob Handle/Grade 2
- 3 Cylindrical Deadbolts/Grade 1
- 190 Bolt Down Locations and 190 Anchor Bolts; Grounding bolts, straps and rod included.
- Capacity: 1 to 63 People
- Standard Color Grey; Finished in grey polyurethane enamel
- Incandescent Dust/Vapor Resistant Interior Light w/Switch
- 6' wide Heavy Duty Bench with drop down function placed per the owner's discretion.

FEMA 361 Door

(36" W x 80" H Single Door)
Left Hand Reverse

Tornado Safe Room Label:

- High safety grade photo luminescent flexible polyester
- Designed to glow for over 24 hours in total darkness
- Non-toxic, non-radioactive
- Coated with an acrylic adhesive
- Five minute recharge time
- Glows 2 1/2 times brighter than 7520 Glow Polyester
- Film meets or exceeds the following Standards: ASTM, IMO, ISO/CD, NFPA and OSHA

SHIPPING

**Shipping and handling to 1306 Versailles Road, Lexington, KY. via Freight All
Kinds
Flatbed**

Shipping Dimensions: 7'3"H x 42'6"W x 8'6"D
Weight: 9,295 Total Pounds

Unit is to be shipped fully assembled and price will include shipment to 1306 Versailles Road, Lexington, KY.

Owner will be responsible for off-loading and placement of unit.

PRICING

Quantity	Description	Unit Price
1	Manufactured Tornado Safe Room	\$ 34,900.00



Lexington-Fayette Urban County Government
DEPARTMENT OF FINANCE & ADMINISTRATION

Jim Gray
Mayor

William O'Mara
Commissioner

ADDENDUM #1

Bid Number: **#23-2015**

Date: March 9, 2015

Subject: Manufactured Tomado Safe Room

Address inquiries to:
Kristie Thomas
(859) 258-3320

TO ALL PROSPECTIVE SUBMITTERS:

Please be advised of the following clarifications to the above referenced Bid:

The bid opening date has been moved to March 17, 2015, 2:00pm.

Todd Slatin, Director
Division of Central Purchasing

All other terms and conditions of the Bid and specifications are unchanged.
This letter should be signed, attached to and become a part of your Bid.

COMPANY NAME: Harbor Enterprises dba Survive-A-Storm Shelters

ADDRESS: 1207 Sunset Dr. Thomasville, GA. 31792

SIGNATURE OF BIDDER: Garnie Light



Lexington-Fayette Urban County Government
DEPARTMENT OF FINANCE & ADMINISTRATION

Jim Gray
Mayor

William O'Mara
Commissioner

ADDENDUM #2

Bid Number: **#23-2015**

Date: March 11, 2015

Subject: Manufactured Tornado Safe Room

Address inquiries to:
Kristie Thomas
(859) 258-3320

TO ALL PROSPECTIVE SUBMITTERS:

Please be advised of the following clarifications to the above referenced Bid:

1. Vents: 2 vents with covers on the non-door end of structure and 8 vents with covers on each of the long sides of the structure for a total of 18 vents with covers
2. Questions from Bidders:
 - A. What type of foundation will the shelter be supported on and who is responsible for the adequacy of the foundation? Answer: LFUCG is responsible for the foundation and the placement of this shelter.
 - B. Please confirm that the specifications for the building listed meet the Quality Assurance/Quality Control and Special Inspection requirements in accordance with FEMA P361 as referenced by FEMA320. Answer: That is correct.
 - C. What are the corrosion resistance requirements for the anchors? Shall they be mechanical or adhesive anchors? Answer: Must comply with specifications set forth by National Storm Shelter Association, FEMA and/or Texas Tech University.
 - D. What are the grounding requirements for the shelter? Answer: LFUCG is responsible for the grounding of the shelter.
 - E. Is there a requirement for the interior faces to be properly insulated to protect occupants during a lightning strike? Answer: see answer to Question #D
 - F. Does the shelter need to be designed to resist a specific threat from an adjacent building/structure collapse that could threaten occupants? Answer: No
 - G. Is the foundation 6" above grade to ensure water does not collect underneath it and eventually deteriorate the base support? Answer: Yes. LFUCG is responsible for shelter placement.
 - H. Does the shelter have any interior storage requirements to store PPE or first aid? Answer: No
 - I. What are the lighting and wiring requirements inside and outside the shelter? Answer: Lighting must meet bid specifications. LFUCG is responsible for electrical connection.



COMMUNITY STORM SHELTER PROPOSAL
BID #23-2015

Survive-a-Storm Shelters is the premier manufacturer of FEMA 361 compliant community safe rooms in the country. The U.S. Federal Emergency Management Agency (FEMA) has promulgated guidelines in coordination with the International Code Council (ICC-500) and the National Storm Shelter Association (NSSA) to ensure that shelters are designed and fabricated to provide “near absolute protection against EF5 tornado winds.” Our shelters provide such protection.

Survive-a-Storm’s parent company, Harbor Enterprises, LLC, has a well-established track record for delivering a variety of emergency preparedness and disaster response products, including wind rated disaster housing projects after Hurricane Katrina and the devastating earthquake in Haiti. We have since fabricated and successfully installed thousands of wind rated structures throughout The United States.

Our prior work includes over \$70 million in wind rated structures for the U.S. Department of Homeland Security (FEMA) as well as thousands of residential shelters and hundreds of community shelter projects throughout Tornado Alley. We have recently completed projects for Kia Motors, Mercedes Benz, 3M, Cree, US Steel, Trinity Rail, Siemens, Meadwest Vaco, and Slumberger—just to name a few. These companies understand the mission critical roles of their employees, and after much research and product and price comparisons have selected Survive-a-Storm—the clear industry leader—to protect their employees.

Survive-a-Storm Shelters are engineered to provide near absolute protection against 250 mph winds. We accomplish this by installing an 18-inch thick concrete slab reinforced with two layers of no. 5 rebar. Steel plates are impressed into the concrete to which the shelter is welded. The shelter is sealed to the platform using heavy-duty anchor bolts, and the surfaces are waterproofed using coal tar epoxy. The shelter is fabricated from ¼-inch steel and reinforced with ribs and horizontal supports on the interior of the shelter. The exterior and interior of your shelter are powder coated to ensure a highly durable finish that looks great and reduces lifecycle maintenance costs. In short, our team here at Survive-a-Storm Shelters manufactures and installs the highest quality community storm shelters available anywhere in the world.

- J. Is all hardware for the door stainless (304 min)? Answer: Doors and hardware must be compliant as specified in FEMA 320 and FEMA 361.
- K. What's the roof construction requirements to ensure the shelter is weather tight and corrosion resistant, ie. Roof pitch, drip edge, gutter? Answer: Must comply with specifications set forth by National Storm Shelter Association, FEMA and/or Texas Tech University.
- L. ICC 500 as referenced by FEMA 320 requires a toilet for an occupancy greater than 50. Confirm a toilet is required? Answer: No
- M. Confirm that vents sized for atmospheric pressure changes are to meet either coefficient, GCpi equal to (+/-) 0.18 for enclosed or (+/-) 0.55 for partially closed. Answer: Must comply with specifications set forth by National Storm Shelter Association, FEMA and/or Texas Tech University.
- N. Is there a maximum specific wind speed requirement or EF#? Answer: 250 mph
- O. Please confirm that missile (flying object) impact requirements are to be met in accordance with ICC 500. Answer: Yes
- P. The proposal shows a weight of 9,925 which seems very specific to a particular structure. Can you provide a drawing for what LFUCG is looking for? Answer: Off loading of this pre-fabricated structure will be handled by LFUCG and **MUST** weigh under 10,000 lbs.
- Q. Will you accept a design on the shelters that is equal or comparable to the design listed in the bid? Answer: Yes
- R. Can you please confirm there are no bid bond requirements? Answer: Bid bond required only if submittal is over \$50,000.
- S. We have general contractor's licenses in the surrounding states, and we are applying for the one in Kentucky as well. Is it possible to still turn in a bid as long as we obtain our license before the work begins? Answer: Yes
- T. Can we turn in the shop drawings for the shelter for the bid process, and then send you're the engineer stamped drawings upon award? Answer: Yes. If awarded, the Kentucky engineer approved design must be submitted within 30 days of notification.



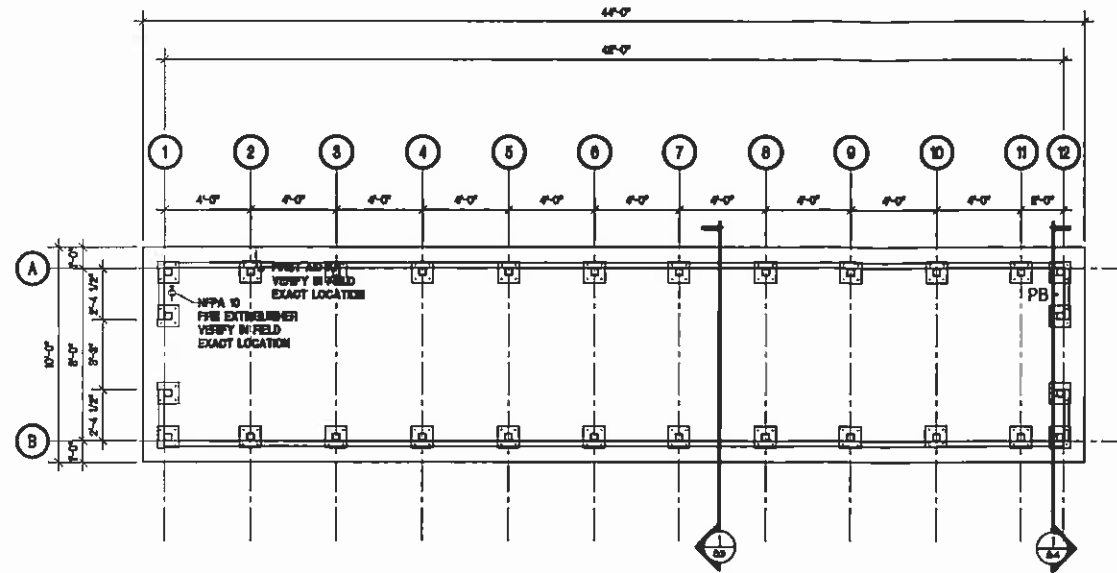
Todd Slatin, Director
Division of Central Purchasing

All other terms and conditions of the Bid and specifications are unchanged.
This letter should be signed, attached to and become a part of your Bid.

COMPANY NAME: Harbor Enterprises dba Survive-A-Storm Shelters

ADDRESS: 1207 Sunset Dr. Thomasville, GA. 31792

SIGNATURE OF BIDDER: Jannil Surghan



1 FOUNDATION PLAN
S1 SCALE 1/4"=1'-0"

PROJECT INFORMATION

TYPE: STAND-ALONE, SINGLE-USE, COMMUNITY TORNADO SHELTER (PER ICC 500) & SAFE ROOM (PER FEMA 381)
 CONSTRUCTION TYPE: III
 NON SPRAWLED
 EXITS: 2
 EXIT ACCESS TRAVEL DISTANCE: 20' MAXIMUM
 EGRESS DOOR WIDTH: 32" (2" MINIMUM CLEAR WIDTH)
 ACCESSIBLE PATH OF EGRESS: 36" (30" MIN)
 SHELTER IS NOT DESIGNED FOR FLOOD PRONE AREA

NOTES:
 1. NPPA 10 FIRE EXTINGUISHER INCLUDED
 2. FIRST AID KIT INCLUDED
 3. NATURAL VENTILATION SHALL BE REQUIRED IF LIC OR GENERATOR IS NOT PROVIDED TO POWER THE VENTILATION FAN. HALF OF THE VENTS IN LOWER SECTION AND HALF IN THE UPPER SECTION

DESIGN CRITERIA

- BUILDING CODE: ICC 500, FEMA 381
- LIVE LOADS:
 - FLOOR = 100 PSF
 - ROOF = 100 PSF
- WIND DESIGN DATA FOR COMMUNITY TORNADO SHELTER:
 - BASIC WIND SPEED = V = 120 MPH
 - WIND IMPORTANCE FACTOR = I = 1.0
 - WIND EXPOSURE CATEGORY = C
 - DIRECTIONALITY FACTOR = K_d = 1.0
 - TOPOGRAPHIC FACTOR = K_t = 1.0
 - HEIGHT ADJUSTMENT FACTOR = K_z = 0.85
 - ENCLOSURE CLASSIFICATION = PARTIAL PER FEMA
 - INTERNAL PRESSURE COEFFICIENT = C_{pi} = +0.156
 - BASIC WIND PRESSURE = q_s = 138 PSF
- FOUNDATION DESIGN DATA:
 FOUNDATION DESIGN IS BASED ON AN ASSUMED ALLOWING BEARING CAPACITY OF 3000 PSF.

DESIGN RESPONSIBILITY

- THE ENGINEERING SEAL ON THESE DRAWINGS APPLIES ONLY TO THE STRUCTURAL SYSTEM.
- MECHANICAL, ELECTRICAL, PLUMBING AND ETC. THAT MIGHT BE REQUIRED ARE BY OTHERS.
- THERMAL AND MOISTURE PROTECTION ARE BY OTHERS.
- SITE WORK INCLUDING GRADING, DRAINAGE, SITE UTILITIES AND ETC. ARE BY OTHERS.
- CONTRACTOR SHALL PROVIDE POWERED VENTILATION SYSTEM AS REQUIRED BY FEMA 381.

CAST-IN-PLACE CONCRETE

- BUILDING CODE, AMERICAN CONCRETE INSTITUTE (ACI) 318-08
- MINIMUM REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS: f'_c = 3000 PSI
- REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 F_y = 60 KSI
- REINFORCING DETAILS SHALL CONFORM TO CONCRETE REINFORCING STEEL INSTITUTE (CRSI)
- CEMENT SHALL BE PORTLAND CEMENT TYPE I
- AGGREGATES SHALL BE NORMAL WEIGHT CONFORMING TO ASTM C33 TEST STONE/GRAVEL

STRUCTURAL STEEL

- BUILDING CODE, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) LFD3rd EDITION
- W-SHAPES SHALL BE ASTM A992, GRADE 50
- CHANNELS AND ANGLES SHALL BE ASTM A36
- PLATE AND BAR SHALL BE ASTM A36
- RECTANGULAR HOLLOW STRUCTURAL SECTIONS (RHSS) SHALL BE ASTM A500, GRADE B
- WELDING ELECTRODES SHALL BE E7002
- EXTERIOR PLATE SHALL BE 3/8" THICK, F_y = 36 KSI MINIMUM

GENERATOR ENCLOSURE:

- 1/2" STEEL PLATE
- STIFFEN AT 24" O.C. AND FORM CORNERS WITH CHANNEL
- BOLT TO FOUNDATION PER DETAIL 3633
- VERIFY SIZE AND VENTILATION REQUIREMENTS WITH GENERATOR MANUFACTURER (GENERATOR IS OPTIONAL)
- IF GENERATOR IS NOT APPLICABLE NATURAL VENTILATION WILL BE REQUIRED AS PER ICC 500 SECTION 702.1.1 WITH HALF OF THE VENTS IN LOWER PORTION AND HALF IN UPPER PORTION

LEXINGTON-FAYETTE
 1306 VERSAILLES RD.
 LEXINGTON, KY 40504

**SURVIVE-A-STORM
 COMMUNITY
 TORNADO SHELTER**
 TYPE: SAs Model CS842R

Drafted By: BSH

Checked By:

Date Drawn: 3 MAR 2015

Project #:

REV #	DATE	REVISION DESCRIPTION

S1

Sheet Number

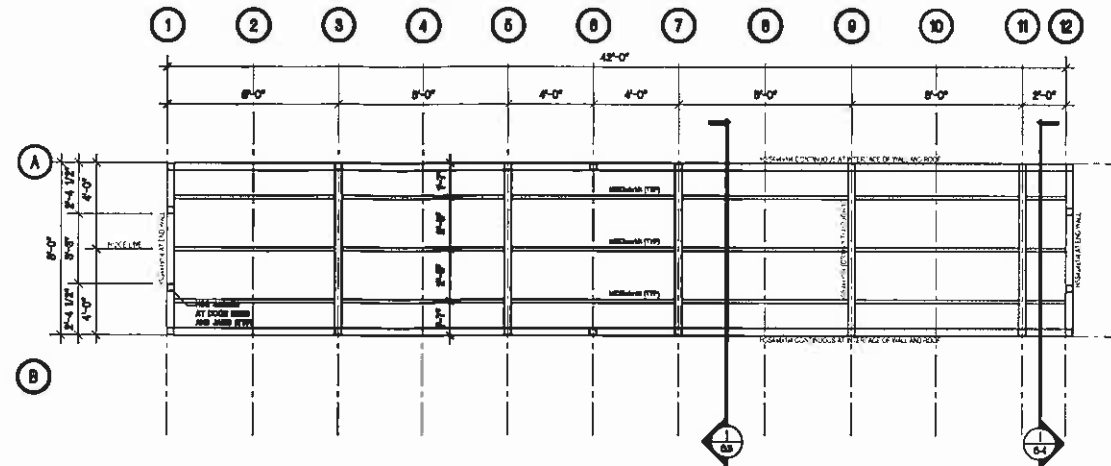
LEXINGTON-FAYETTE
 1306 VERSAILLES RD.
 LEXINGTON, KY 40504

SURVIVE-A-STORM
 COMMUNITY
 TORNADO SHELTER
 TYPE: SaS Model CS842R

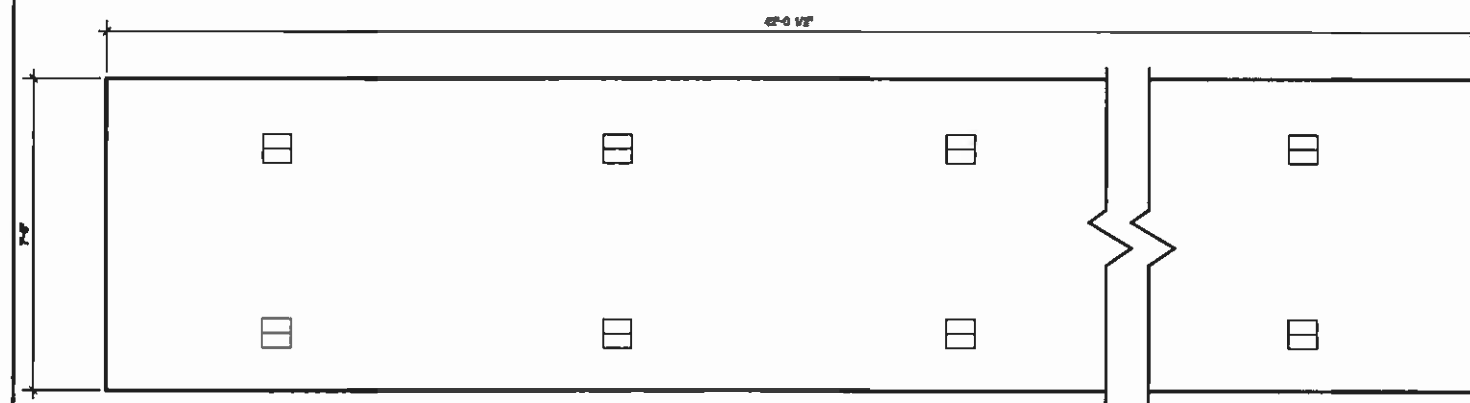
Drafted By: BSH
 Checked By:
 Date Drawn: 3 MAR 2015
 Project #:

REV #	DATE	REVISION DESCRIPTION

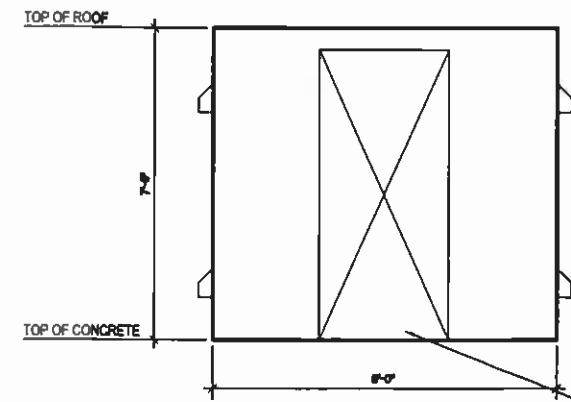
S2
 Sheet Number



1 ROOF FRAMING PLAN
 S2 SCALE 1/4"=1'-0"



2 TYPICAL SIDE ELEVATION
 S2 SCALE 1/2"=1'-0"



3 TYPICAL END WALL ELEVATION
 S2 SCALE 1/2"=1'-0"

OPENING AS REQUIRED FOR DOOR.
 DOOR MAY SWING OUTWARD FROM
 EITHER JAMB. THE DOOR ASSEMBLY
 HAS BEEN TESTED BY OTHERS.

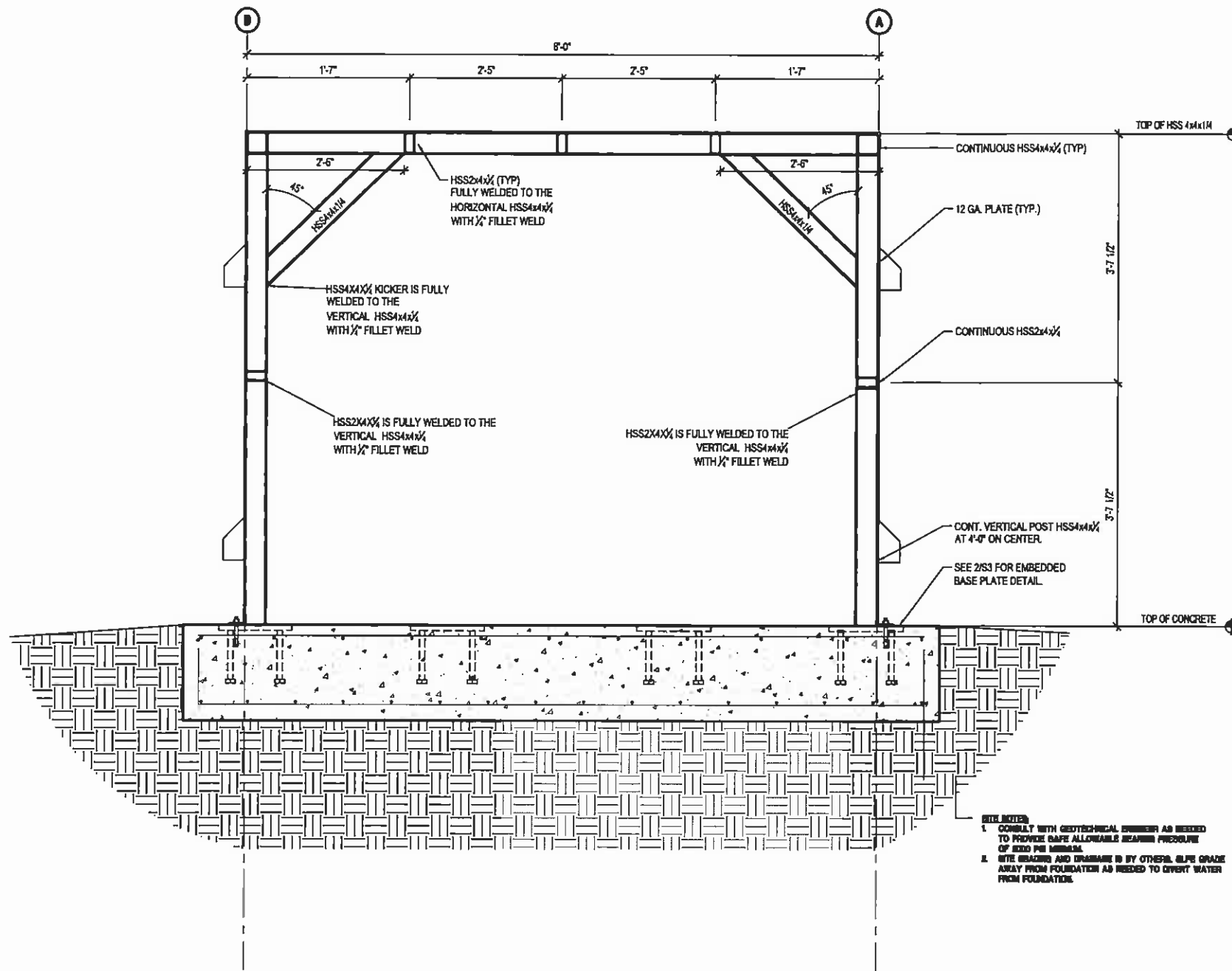
LEXINGTON-FAYETTE
 1306 VERSAILLES RD.
 LEXINGTON, KY 40504

SURVIVE-A-STORM
 COMMUNITY
 TORNADO SHELTER
 TYPE: SaS Model CS842R

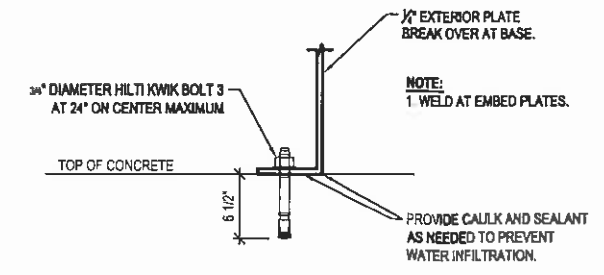
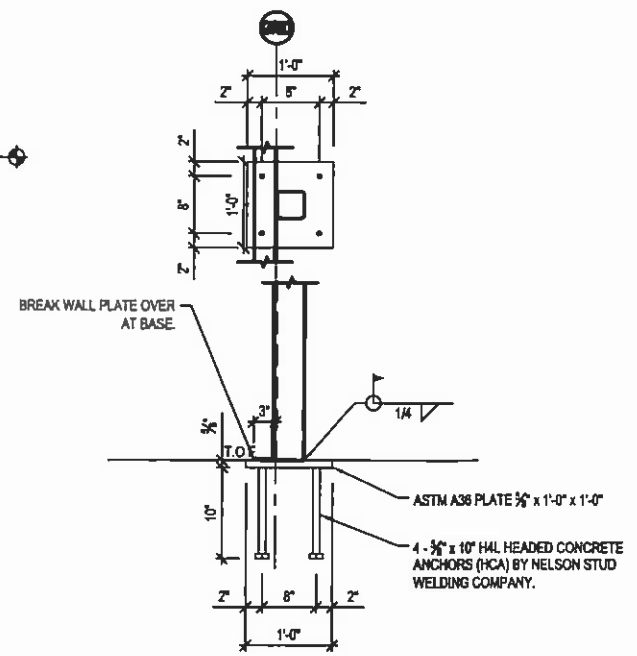
Drafted By: BSH
 Checked By:
 Date Drawn: 3 MAR 2015
 Project #:

REV #	DATE	REVISION DESCRIPTION

S3
 Sheet Number



- NOTE:**
1. CONSULT WITH GEOTECHNICAL ENGINEER AS NEEDED TO PROVIDE SAFE ALLOWABLE BEARING CAPACITY OF EXISTING FOUNDATION.
 2. SITE GRADING AND DRAINAGE IS BY OTHERS. SLOPE GRADE AWAY FROM FOUNDATION AS NEEDED TO DIVERGENT WATER FROM FOUNDATION.



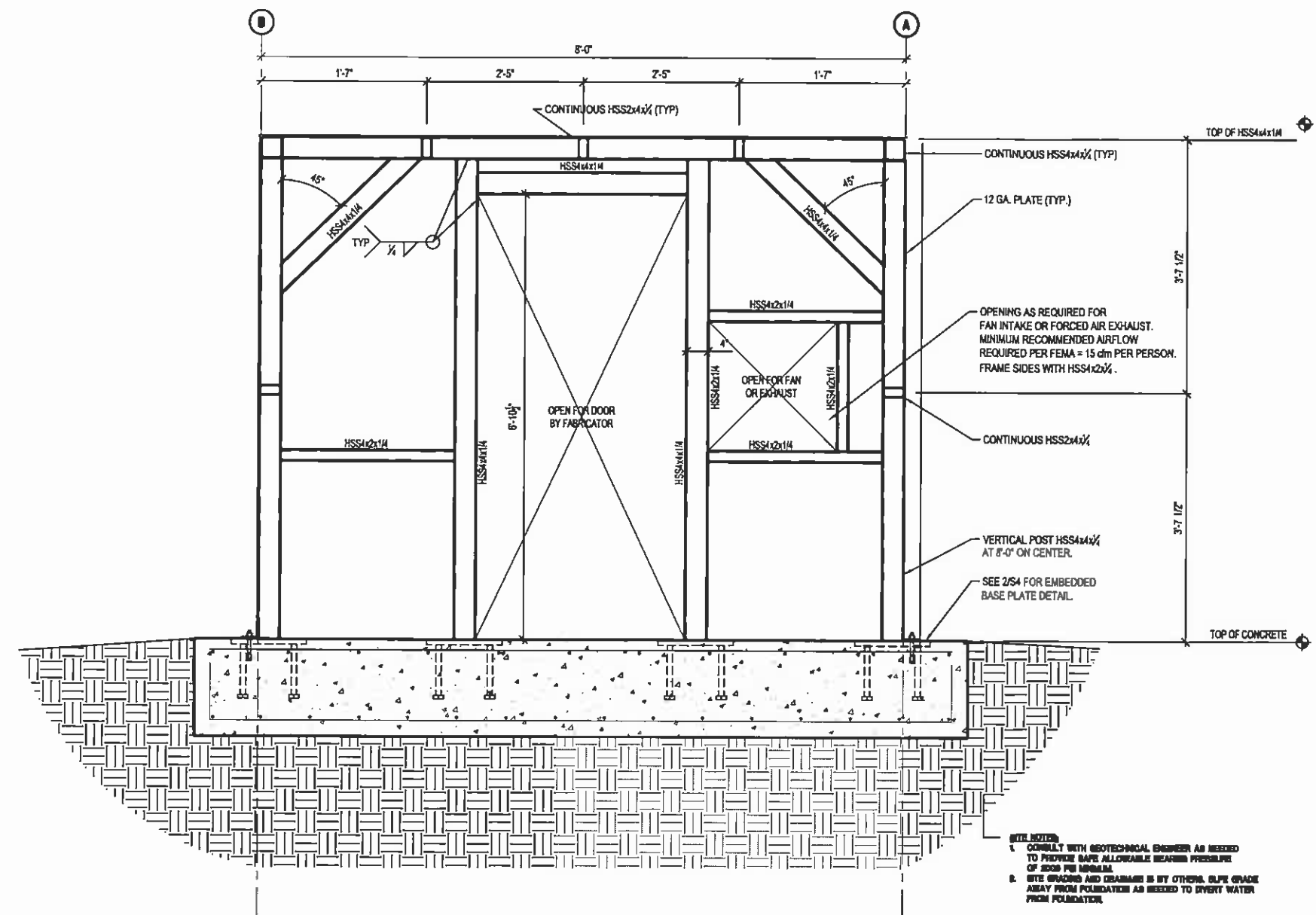
LEXINGTON-FAYETTE
 1306 VERSAILLES RD.
 LEXINGTON, KY 40504

**SURVIVE-A-STORM
 COMMUNITY
 TORNADO SHELTER**
 TYPE: SaS Model CS842R

Drafted By: BSH
 Checked By:
 Date Drawn: 3 MAR 2015
 Project #:

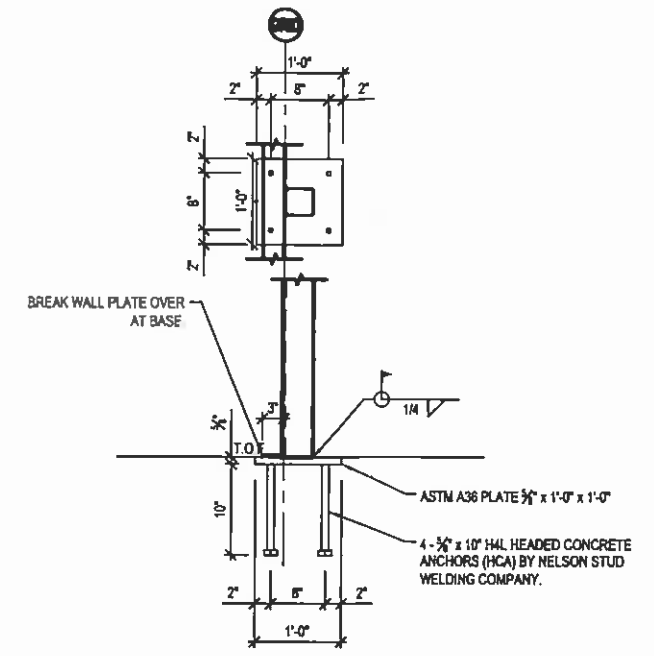
REV #	DATE	REVISION DESCRIPTION

S4
 Sheet Number



1 TYPICAL CROSS SECTION @ END WALL
 S4 SCALE 1/4"=1'-0"

- NOTE:**
1. CONSULT WITH GEOTECHNICAL ENGINEER AS NEEDED TO PROVIDE SAFE ALLOWABLE BEARING PRESSURE OF SOIL PER MODEL.
 2. SITE GRADING AND DRAINAGE IS BY OTHERS. SLURP GRADE AWAY FROM FOUNDATION AS NEEDED TO DIVERTE WATER FROM FOUNDATION.



2 EMBEDDED BASE PLATE DETAIL
 S4 SCALE 1/4"=1'-0"

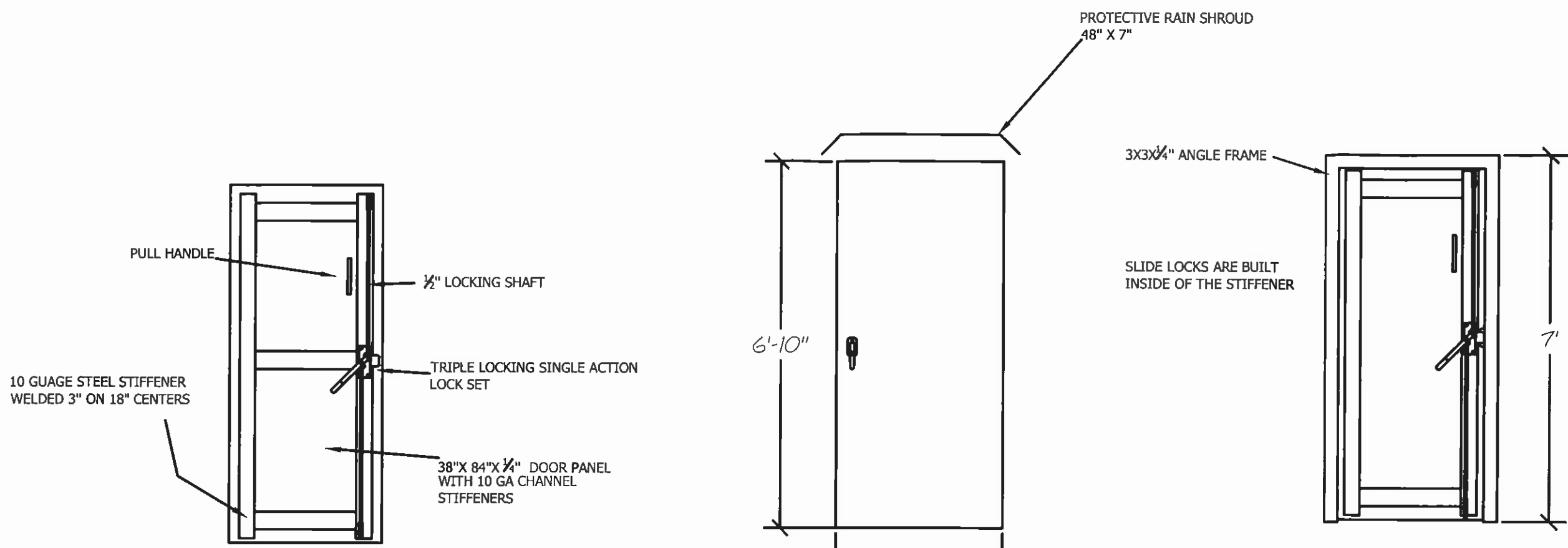
LEXINGTON-FAYETTE
 1306 VERSAILLES RD.
 LEXINGTON, KY 40504

SURVIVE-A-STORM
 COMMUNITY
 TORNADO SHELTER
 TYPE: SaS Model CS842R

Drafted By: BSH
 Checked By:
 Date Drawn: 3 MAR 2015
 Project #:

REV #	DATE	REVISION DESCRIPTION

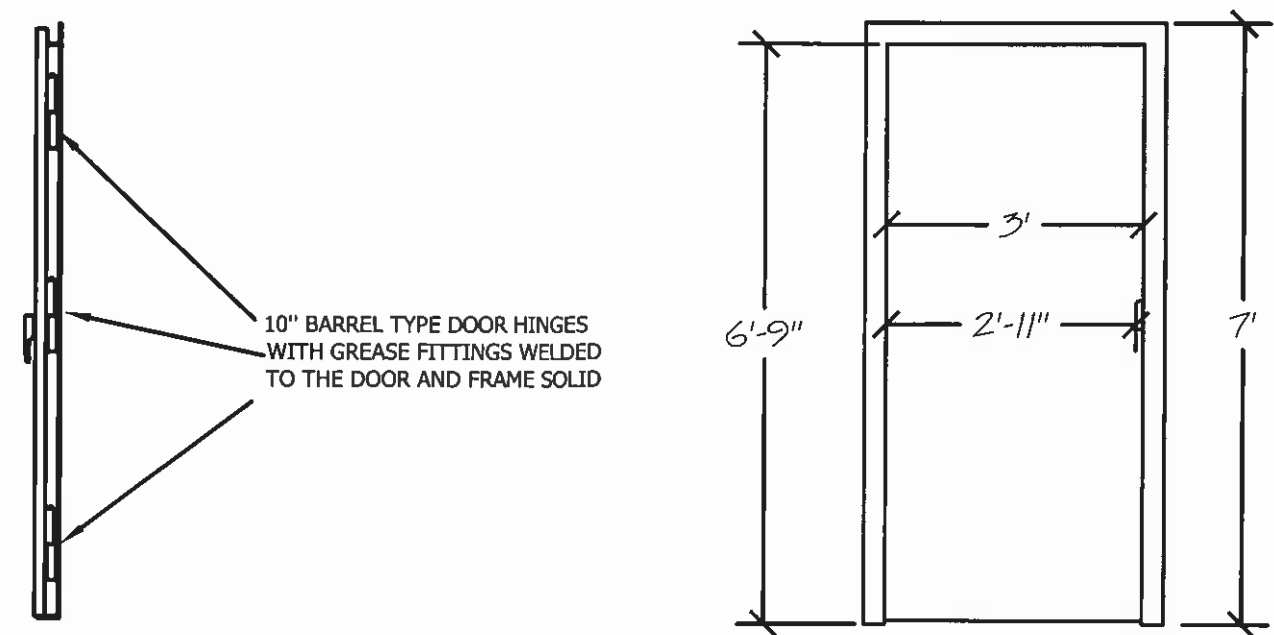
S5
 Sheet Number



INTERIOR VIEW

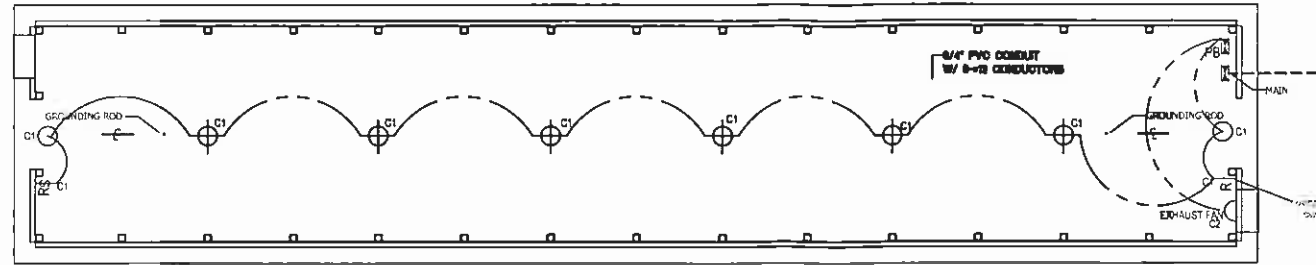
EXTERIOR VIEW

INTERIOR VIEW WITH FRAME



SIDE VIEW

FRAME INTERIOR VIEW



1 ELECTRICAL PLAN
E2
SCALE 1/8"=1'-0"

MAIN PANEL BOX LAYOUT

CIRCUIT #	BREAKER SIZE	DESCRIPTION	QTY.	VOLTAGE
1	2P/30	TRANS. SW.	1	240

PANEL BOX LAYOUT

CIRCUIT #	BREAKER SIZE	DESCRIPTION	QTY.	VOLTAGE	AMPS
1	20	LIGHTS/REC	1	120	4.5
2	20	EXHAUST FAN	1	120	2.2

ELECTRICAL NOTES:

PANEL BOX IS A SQUARE D HOM6-12L100 SINGLE PHASE 100 AMP 6 CIRCUIT PANEL. MAIN FEEDER IS TO BE BY OTHERS.

LIGHTING CIRCUIT IS 20AMP 12-2 THHN WIRE WITH GROUND IN EMT CONDUIT WILL USE NSI MODEL VTB15012 LIGHTING FIXTURES 6- 60W BULBS @ 76 FOOT CANDLE FOR A TOTAL OF 456 FOOT CANDLE OF LIGHTING. 3/4" CONDUIT FROM PANEL TO LIGHTS

THE EMERGENCY EXIT LIGHTS ARE PRO VALUE MODEL #PV37470

THE EMERGENCY EGRESS LIGHTS ARE UTILITECH 300 WATT MODEL #TMQ150WUT

EXHAUST FAN CIRCUIT IS A CD MODEL#294497FAN WITH 20AMP 12-2 THHN WIRE RAN IN 3/4" EMT CONDUIT. THE EXHAUST FAN PRODUCES 3400 CFM AND THE LOUVERS HAVE A 19GAUGE GALVANIZED STEEL FRAME, 26 GAUGE ALUMINUM BLADES, STAINLESS STEEL PIVOT POINTS AND ARE RATED FOR 1000FPM MAX VELOCITY. EXHAUST FAN MUST TERMINATE A MINIMUM OF 3'-0" FROM AN OPERABLE DOOR.

ELECTRICAL LEGEND

- R RECEPT
- S SWITCH
- EXIT LIGHT
- TS TRANFER SWITCH
- ⊕ LIGHT FIXTURE
- PB PANEL BOX

LEXINGTON-FAYETTE
1306 VERSAILLES RD.
LEXINGTON, KY 40504

SURVIVE-A-STORM
COMMUNITY
TORNADO SHELTER
TYPE: Sas Model CS842R

Drafted By: BSH

Checked By:

Date Drawn: 3 MAR 2015

Project #:

REV #	DATE	REVISION DESCRIPTION

E1

Sheet Number