

PROPOSAL

**LEXINGTON-FAYETTE URBAN
COUNTY GOVERNMENT**

LEXINGTON, KY | JANUARY 12, 2015





January 12, 2015

Sondra Stone
Lexington-Fayette Urban County Government
Office of the Director of Purchasing
200 East Main Street, 3rd floor
Lexington, KY 40507

Re: Fire Training Tower Bid Proposal – Bid No. 209-2014

Dear Sondra Stone:

We are pleased to provide you with the following bid proposal for a CUSTOM HIGH RISE FIVE STORY WHP training simulator. The simulator would consist of a structure that would approximate the following:

Features included are as follows:

- 1. Section A will be a Four-Story Tower with a Five-Story Enclosed Stair Tower approximately 36'-5" W x 11'-8" L with varying roof heights. The tower will be 21'-4" W x 11'-8" L x 44'-0" H with a 15'-1" W x 11'-8" L x 54'-0" H stair tower.
a. Four (4) interior floors (2nd, 3rd, 4th) tower
b. Two (2) flat roofs with concrete working surface and 48" H parapet walls. The concrete mix design and installation is not covered in this section
c. Six (6) 3'-0" chain gates on the stair tower roof
d. Eight (8) rappelling anchors on the stair tower roof
e. One (1) vertical ladder from the tower roof up to the stair tower roof
f. One (1) 48" wide five-story interior stair with intermediate landings and welded stair railing
g. One (1) 36" wide five-story exterior stair with intermediate landings and welded stair railing
h. Eight (8) 3' x 7' exterior doors with hollow metal door frame and hardware
i. Six (6) 3' x 7' interior doors with hollow metal door frame and hardware
j. Seven (7) 3' x 4' window opening with latching shutter
k. One (1) 4'x7' cantilevered balcony
l. One (1) galvanized five-story dry standpipe with a 2-1/2" exterior Siamese connection and a 4-1/2" exterior connection and 2-1/2" connections at each floor level
m. Two (2) two-head sprinkler run from dry standpipe
2. Section B will be a Two-Story Residential/Industrial section approximately 21'-11" W x 35'-0" L x 24'-0" H.
a. One (1) gable roof, 5/12 and 9/12 un-equal pitch with perimeter welded guardrail approximately 18'-6" long
b. One (1) 4'x8' ventilation chop out on 5/12 pitched roof
c. One (1) 4'x4' ventilation chop out on 9/12 pitched roof
d. One (1) flat roof with concrete working surface and 48" H parapet walls between section A



and the gable roof with a length of approximately 16'-6". The concrete mix design and installation is not covered in this section

- e. Two (2) rappelling anchors on the flat parapet roof
 - f. Two (2) 8'-0" chain gates, one (1) on each 18'-6" face of the gabled roof
 - g. Two (2) 3'-2" chain gates, one (1) on each 16'-6" face of the flat parapet roof
 - h. One (1) attic space provided between the gabled roof and the second floor
 - i. Two (2) 3' x 3' framed window openings with latching shutters, one (1) at each exterior gabled end of the attic
 - j. Seven (7) 3' x 4' framed window openings with latching shutters
 - k. One (1) 6' x 7' exterior door with hollow metal frame and hardware
 - l. Two (2) 3' x 7' exterior doors with hollow metal frames and hardware
 - m. One (1) 3' x 7' interior door with hollow metal frame and hardware
 - n. One (1) two-story interior stair with welded stair railing
 - o. One (1) 48"x48" floor/ceiling breach
 - p. One (1) 8' wide by 7' tall framed opening for garage door (garage door by others)
3. Section C will be a **One-Story Annex** approximately 21'-11" W x 14'-6" L x 10'-0" H.
- a. One (1) bar grate "safe deck" flat roof with guard railing on three sides or roof
 - b. Two (2) 3' x 4' framed window openings with latching shutters
 - c. One (1) 3' x 7' exterior door with hollow metal frame and hardware
 - d. One (1) two-story exterior stair with welded stair railing to roof

| | |
|-------------------------------|---------------------|
| Materials and Freight: | \$369,309.36 |
| Labor: | \$229,311.64 |
| Bond: | <u>\$ 14,965.52</u> |
| Total: | \$613,586.52 |

All pricing is in US Dollars and is valid for 60 days. Prevailing wage has been included based on the wage determination included in the bid package; wage determination CR1-012 dated November 6, 2014.

Schedule: We would require 2 weeks to prepare conceptual drawings after award of the contract or purchase order and 10-12 weeks for delivery after receipt of approved drawings. If the foundation is in place the erection would be complete approximately 10-12 weeks after delivery of building. Total project duration 180 days.

Design Criteria: Pricing is based on the following design criteria:

1. *Live Loads-* (a) Roof: 100 psf (b) Floor: 100 psf (c) Attic: 100 psf
2. *Wind Loads-* (a) Speed: 90 mph (b) Exposure: C
3. *Seismic Loads-* (a) Coefficient S_s [max]: 55 (b) Coefficient S₁ [max]: 13

*Requirements exceeding these loads may result in additional costs.

Exclusions: We exclude from our proposal: taxes, permits, special insurance requirements if any, field painting of exterior handrails and stairs, mechanical, electrical, fire protection systems, gas fired simulators, winter conditions, concrete foundations, foundation design, slab on grade, concrete fill on decks, anchor bolts, site work, excavation, engineering layout and general condition items and any other miscellaneous fees.

Terms: For materials a deposit of 25% on the building package is due on receipt of order (signing of contract).
Balance of payment on materials due on delivery to site. 5% retention on materials. Labor will be billed monthly.
Invoices not in dispute over 30 days will be assessed 1 ½ % per month on balances in excess of 30 days.

We hope you find the proposal acceptable. If we can provide you with further information please feel free to call.

Sincerely,

Joe Kirchner

Joe Kirchner
WHP Trainingtowers

State License Number:

PART III

Invitation to Bid No. 209-2014

Fire Training Tower

1. FORM OF PROPOSAL

Place: Lexington, Kentucky

Date: 01/08/15

The following Form of Proposal shall be followed exactly in submitting a proposal for this Work.

This Proposal Submitted by Jahnke & Sons Construction, Inc. D/B/A WHP Trainingtowers

9130 Flint St. Overland Park, KS 66214
(Name and Address of Bidding Contractor)

(Hereinafter called "Bidder"), organized and existing under the laws of the State of Kansas, doing business as Jahnke & Sons Construction, Inc. D/B/A WHP Trainingtowers a corporation, "a corporation," "a partnership", or an "individual" as applicable.

To: Lexington-Fayette Urban County Government
(Hereinafter called "OWNER")
Office of the Director of Purchasing
200 East Main Street, 3rd Floor
Lexington, KY 40507

Gentlemen:

The Bidder, in compliance with your Invitation for Bids for Bid No 209-2014 Fire Training Tower having examined the Plans and Specifications with related documents, having examined the site for proposed Work, and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the lump sum and/or unit prices stated hereinafter. These prices are to cover all expenses incurred in performing the Work required under the Contract Documents, of which this proposal is a part. The OWNER will issue work orders for work to be performed under this Contract.

BIDDER hereby agrees to commence work under this contract on or before a date to be specified in the Notice to Proceed and to fully complete the project within the time provided in the Purchase Order or Work Orders issued by the OWNER. BIDDER further agrees to pay liquidated damages, the sum of \$250.00 for each consecutive calendar day thereafter.

The Bidder hereby acknowledges receipt of the following addenda:

Addendum No. 1 Date 01/08/15

Addendum No. Date

Addendum No. Date

Addendum No. Date

Addendum No. Date

Addendum No. Date

Addendum No. Date

Addendum No. Date

Insert above the number and the date of any Addendum issued and received. If none has been issued and received, the word "NONE" should be inserted.

2. **LEGAL STATUS OF BIDDER**

Bidder Jahnke & Sons Construction, Inc. D/B/A WHP Trainingtowers

Date 01/08/15

* 1. A corporation duly organized and doing business under the laws of the State of Kansas, for whom Maggie Scaletty, bearing the official title of COO, whose signature is affixed to this Bid/Proposal, is duly authorized to execute contracts.

* 2. A Partnership, all of the members of which, with addresses are: (Designate general partners as such)

* 3. An individual, whose signature is affixed to this Bid/Proposal (please print name)


Maggie Scaletty

*(The Bidder shall fill out the appropriate form and strike out the other two.)

3. **BIDDERS AFFIDAVIT**

Comes the Affiant, Maggie Scaletty, and after being first duly sworn, states under penalty of perjury as follows:

1. His/her name is Maggie Scaletty and he/she is the individual submitting the bid or is the authorized representative of Jahnke & Sons Construction, Inc. D/B/A WHP Traininglowers, 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 the "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.



 (Affiant)

STATE OF Kansas

COUNTY OF Johnson

The foregoing instrument was subscribed, sworn to and acknowledged before me by

Maggie Scaletty on this the 8th day of January, 2015.

My Commission expires: 04/16/2015



 NOTARY PUBLIC, STATE AT LARGE

AMANDA SIMMONS
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. 4/16/15

4. BID SCHEDULE – SCHEDULE OF VALUES

The Bidder agrees to perform all the Work described in the Specifications and shown on the Plans for the following proposed lump sum and/or unit prices, if applicable, which shall include the furnishing of all labor, materials, supplies, equipment and/or vehicle usage, services, all items of cost, overhead, taxes (federal, state, local), and profit for the Contractor and any Subcontractor involved, within the time set forth herein. If unit prices are applicable, Bidder must make the extensions and additions showing the total amount of bid.

Form of proposal must include unit bid prices written in words, unit price written in numbers and total amount bid (unit price x quantity) per line item OR bid may be considered non-responsive. In case of price discrepancy, unit bid price written in words will prevail followed by unit price written in numbers then total amount bid per line item.

If a discrepancy between the unit price and the item total exists, the unit price prevails except:

If the unit price is illegible, omitted, or the same as the item total, item total prevails and the unit price is the quotient of the item total and the quantity.

If the unit price and the item total are illegible or are omitted, the bid may be determined nonresponsive. If a lump sum total price is illegible or is omitted, the bid may be determined nonresponsive.

For a lump sum based bid, the item total is the bid amount the Division uses for bid comparison.

For a unit price based bid, the sum of the item totals is the bid amount the Division uses for bid comparison.

The LFUCG's decision on the bid amount is final.

The estimated quantities of items of unit price work are not guaranteed and are solely for the purpose of comparison of bids and determining an initial Contract price. Determination of the actual quantities and classification of unit price work performed by the Contractor will be made by the Engineer in accordance with the General Conditions.

| Item No. | Description w/Unit Bid Price Written in Words | Unit | Total Bid Amount |
|----------|--|------|------------------|
| 1. | Construction of Fire Training Tower as per specs for Six hundred thirteen thousand, five hundred eighty-six Dollars 52/100 Cents | LS | \$ 613,586.52 |
| | | | |

Submitted by: Jahnke & Sons Construction, Inc. D/B/A WHP Trainingtowers

Firm

9130 Flint St

Address

Overland Park, KS 66214

City, State & Zip

**Bid must be signed:
(original signature)**

Maggie Scaletty, CHIEF OPERATING OFFICER
Signature of Authorized Company Representative – Title

Maggie Scaletty

Representative/s Name (Typed or Printed)

913-385-3663

913-385-7078

Area Code – Phone – Extension

Fax #

info@trainingtowers.com

E-Mail Address

OFFICIAL ADDRESS:

9130 Flint Street

Overland Park, KS 66214



(Seal if Bid is by Corporation)

By signing this form you agree to ALL terms, conditions, and associated forms in this bid package

5. STATEMENT OF BIDDER'S QUALIFICATIONS

The following statement of the Bidder's qualifications is required to be filled in, executed, and submitted with the Proposal:


1. Name of Bidder: Jahnke & Sons Construction, Inc. D/B/A WHP Trainingtowers
2. Permanent Place of Business: 9130 Flint St., Overland Park, KS 66214
3. When Organized: August 1997
4. Where Incorporated: Kansas

5. Construction Plant and Equipment Available for this Project:
Fork lift, man lift, hand tools, power tools, safety equipment
- _____
- _____
- _____
- _____

(Attach Separate Sheet If Necessary)

6. Financial Condition:
- If specifically requested by the OWNER, the apparent low Bidder is required to submit its latest three (3) years audited financial statements to the OWNER'S Division of Central Purchasing within seven (7) calendar days following the bid opening.

7. In the event the Contract is awarded to the undersigned, surety bonds will be furnished by:
- Merchants National Bonding, Inc. (Surety)

Signed:  (Representative of Surety)
Evan D. Sizemore, Attorney-in-Fact

8. The following is a list of similar projects performed by the Bidder: (Attach separate sheet if necessary).

MERCHANTS
BONDING COMPANY
POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING INC. both being corporations duly organized under the laws of the State of Iowa (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint, individually,

Charissa D. Lecuyer; Charles R. Teter III; Christy M. Braile; Claudia Mandato; David M. Lockton; Debra J. Scarborough; Evan D. Sizemore; Jeffrey C. Carey; Larissa Smith; Laura M. Buhmester; Mary T. Flanigan; Patrick T. Pribyl; Rebecca S. Gross; Ronald J. Lockton; Wendy A. Casey

of Kansas City and State of Missouri their true and lawful Attorney-in-Fact, with full power and authority hereby conferred in their name, place and stead, to sign, execute, acknowledge and deliver in their behalf as surety any and all bonds, undertakings, recognizances or other written obligations in the nature thereof, subject to the limitation that any such instrument shall not exceed the amount of

TWENTY MILLION (\$20,000,000.00) DOLLARS

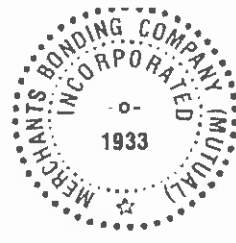
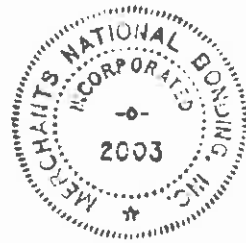
and to bind the Companies thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of the Companies, and all the acts of said Attorney-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This Power-of-Attorney is made and executed pursuant to and by authority of the following By-Laws adopted by the Board of Directors of the Merchants Bonding Company (Mutual) on April 23, 2011 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 24, 2011.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof

The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed"

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 5th day of August, 2014



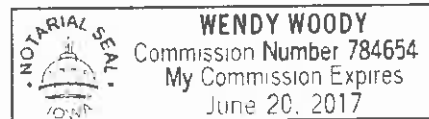
MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

By *Larry Taylor*
President

STATE OF IOWA
COUNTY OF POLK ss

On this 5th day of August, 2014, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument is the Corporate Seals of the Companies, and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.

In Testimony Whereof, I have hereunto set my hand and affixed my Official Seal at the City of Des Moines, Iowa, the day and year first above written



Wendy Woody

Notary Public, Polk County, Iowa

STATE OF IOWA
COUNTY OF POLK ss

I, William Warner, Jr., Secretary of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 6th day of January, 2015



William Warner Jr.
Secretary

POA 0014 (7/14)

| <u>NAME</u> | <u>LOCATION</u> | <u>CONTRACT SUM</u> |
|-------------------------------|-------------------|---------------------|
| City of Coral Springs | Coral Springs, FL | \$585,245.00 |
| Ft. Campbell Fire Department | Ft. Campbell, KY | \$329,602.00 |
| Owens State Community College | Perrysburg, OH | \$564,278.00 |
| Fire Logistics Center | Arlington, VA | \$734,586.00 |
| Howard County Fire | Columbia, MD | \$606,404.00 |

9. The Bidder has now under contract and bonded the following projects:

| <u>NAME</u> | <u>LOCATION</u> | <u>CONTRACT SUM</u> |
|----------------------|-----------------|---------------------|
| Edwards AFB | Edwards AFB, CA | \$275,872.00 |
| Avon Park Fire Dept. | Avon Park, FL | \$776,191.00 |
| Joplin Fire Dept. | Joplin, MO | \$698,970.00 |
| Denver Fire Dept. | Denver, CO | \$1,035,764.00 |
| Ft. Smith Fire Dept. | Ft. Smith, AR | \$533,688.00 |

10. List Key Bidder Personnel who will work on this Project.

| <u>NAME</u> | <u>POSITION DESCRIPTION</u> | <u>NO. OF YEARS WITH BIDDER</u> |
|-----------------|-----------------------------|---------------------------------|
| Bill Jahnke | President | 17 years |
| Joe Kirchner | Project Manager | 12 years |
| Wayne DeWeese | Field Operations | 2 years |
| Maggie Scaletty | Chief Operating Officer | 9 years |

FIRE LOGISTICS CENTER ARLINGTON, VA

CLIENT

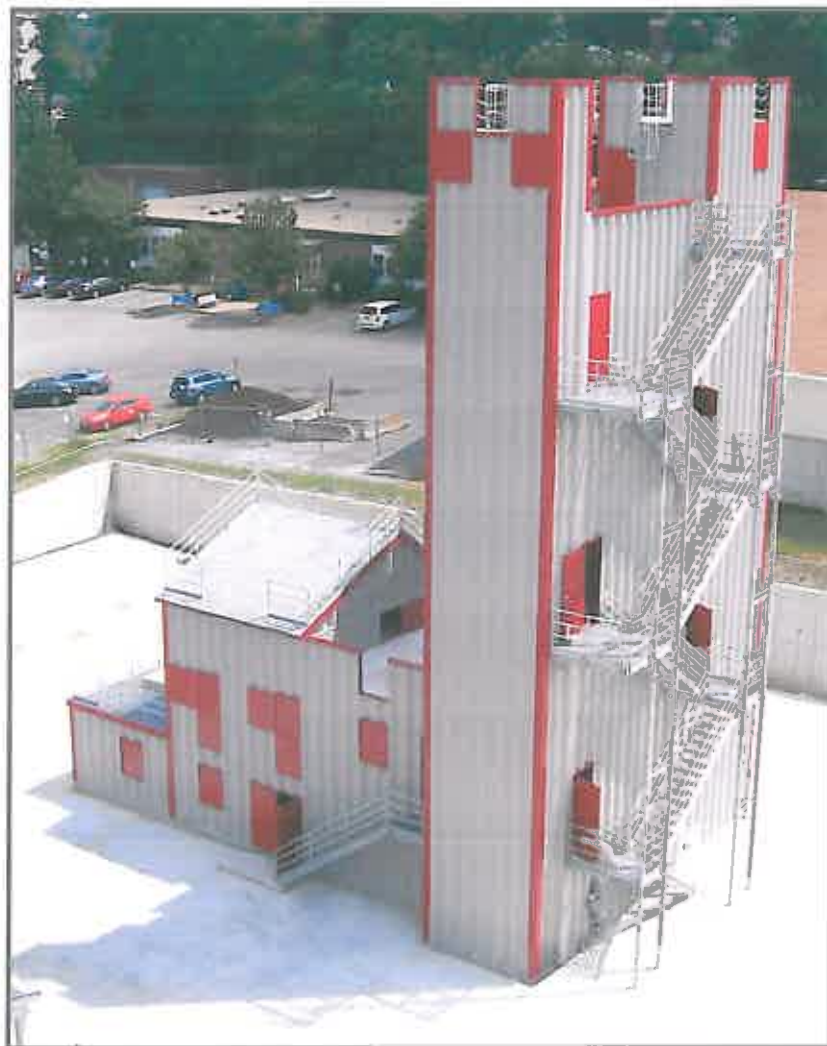
FIRE LOGISTICS CENTER
2850 SOUTH TAYLOR ST
ARLINGTON, VA 22203

PROJECT COST

\$734,586.00

FEATURES

CUSTOM HIGH RISE, 7 STORY
3 BURN ROOMS
RAPPELLING RAIL
7 STORY STANDPIPE
SPRINKLER SYSTEM
MOVABLE MAZE SYSTEM
SMOKE SYSTEM
FORCIBLE ENTRY
BRICK FACADE ON TOWER WALL
TEMPERATURE MONITORING
ELEVATOR SHAFT
HELICOPTER PROP
INSET BALCONY
COMPLETED 2013



**CITY OF CORAL SPRINGS
CORAL SPRINGS, FL**

CLIENT

CITY OF CORAL SPRINGS
9551 W SAMPLE RD
CORAL SPRINGS, FL 33065

PROJECT COST

\$585,245.00

FEATURES

HIGH RISE, 5 STORY
3 BURN ROOMS
VARYING ROOF HEIGHTS
RESIDENTIAL SECTION WITH FLAT ROOF
ELEVATOR SHAFT
ROOF HATCH
2 VERTICAL LADDER
INTERIOR AND EXTERIOR STAIRS
2 CANTILEVER BALCONIES
CHAIN GATES
5 STORY STANDPIPE WITH FIRE
DEPARTMENT CONNECTIONS
SPRINKLER SYSTEM
COMPLETED IN 2008



**FORT CAMPBELL FIRE DEPARTMENT
FORT CAMPBELL, KY**

CLIENT

FT. CAMPBELL FIRE DEPT.
BLDG 7251
NORTH DESTINY ROAD
FT. CAMPBELL, KY 42223

PROJECT COST

\$329,602.00

FEATURES

3RD ALARM, 3 STORY CUSTOM
2 PADGENITE™ LINED
BURN ROOMS
BREACHING PROPS
3 STORY DRY STANDPIPE
TEMPERATURE MONITORING
SPRINKLER SYSTEM
RAPPELLING
VERTICAL LADDER TO ROOF HATCH
ATTIC
COMPLETED 2011



HOWARD COUNTY FIRE COLUMBIA, MD

CLIENT

HOWARD COUNTY FIRE
6751 COLUMBIA GATEWAY DR
COLUMBIA, MD 21046

PROJECT COST

\$606,404.00

FEATURES

HIGH RISE, 5 STORY CUSTOM
3 SUPER PADGENITE™ LINED
BURN ROOMS
RAPPELLING ANCHORS
4 STORY STANDPIPE
SPRINKLER SYSTEM
MAZE SYSTEM
CAGED LADDER
ATTIC
CHOP OUTS
ROOFS OF VARYING HEIGHTS
COMPLETED IN 2008



**OWENS STATE COMMUNITY COLLEGE
PERRYSBURG, OH**

CLIENT

OWENS STATE COMMUNITY COLLEGE
30335 OREGON RD
PERRYSBURG, OH 43551

PROJECT COST

\$564,278.00

FEATURES

5TH ALARM, 5 STORY CUSTOM
3 SUPER PADGENITE™ LINED
BURN ROOMS
EXTERIOR 4 STORY STAIR
ROOF HATCH
CHOP OUTS
RAPPELLING ANCHORS
5 STORY STANDPIPE WITH
FIRE DEPARTMENT CONNECTIONS
GARAGE DOOR
MOVABLE MAZE SYSTEM
ATTIC
COMPLETED IN 2006





BEHLEN Industries LP has upgraded to the Perspectra Series™ paint system. For painted product, please put a "1" before the QC number listed on this colour card. Example: Tan = QC 18315

BEHLEN

INDUSTRIES LP

Building Value with Steel. ®

www.behlen.ca



Bone White QC 8273



Cambridge White QC 8695



White White QC 8317



Heron Blue QC 8330



Sandstone BC 0001



Regent Grey QC 8730



Slate Blue QC 8260



Bronze BC 0009



Stone Grey QC 8305



Melcher's Green QC 8307



Black QC 8262



Charcoal QC 8306



Dark Red QC 8250

PRE-COAT
POST-PAINTED

* Gauge of steel may affect pre-coat availability – check colour availability chart in Section 2 of the CORR-SPAN® Technical Manual

Galvanized QC0001 and Galvalume QC0002 are also available.

HEAD OFFICE

927 Douglas Street
Brandon, Manitoba
R7A 7B3

Tel: (204) 728-1188
Fax: (204) 725-4932
Toll Free: (888) 315-1035

ONTARIO OFFICE

3390 South Service Road
Burlington, Ontario
L7N 3J5

Tel: (905) 637-9194
Fax: (905) 637-9290
Toll Free: (800) 663-7538

ALBERTA OFFICE

20130 107th Avenue
Edmonton, Alberta
T5S 1W9

Tel: (780) 455-4862
Fax: (780) 455-8475

QUEBEC OFFICE

C.P. 1175
Sorel, Quebec
J3P 7L5

Tel: (450) 780-3844
Fax: (450) 746-5847



January 12, 2015

Sondra Stone
Lexington-Fayette Urban County Government
Office of the Director of Purchasing
200 East Main Street, 3rd floor
Lexington, KY 40507

Re: Fire Training Tower MWDBE subcontractor involvement – Bid No. 209-2014

Dear Sondra Stone:

Jahnke and Sons Construction, Inc. dba WHP Trainingtowers is excited about the opportunity to bid on the Fire Training Tower project for the Lexington Fire Academy located at 1375 Old Frankfort Pike in Lexington, KY. We have been providing these specialized pieces of fire training equipment since 1980 and we are the leaders in the industry in providing quality steel fire training structures to the fire service.

We are bidding on the above referenced project as a “turn key” project as defined in the technical specifications section IX.I.2. We intend to meet the bidder requirements outlined in section IX.I.6 with a minimum of 10 years experience in constructing fire training towers and we will self-perform the installation of these specialized pieces of fire training equipment with our own erection crews to meet the minimum 5 years experience requirement for the installation of pre-engineered metal building projects as stated in section IX.I.6. By erecting the structure with our own installation crews, we can ensure a complete and quality installation of this piece of fire training equipment which we feel is in the best interest of the owner; Lexington-Fayette Urban County Government.

Because we intend to self-perform the “turn key” installation of the Fire Training Tower, we do not anticipate meeting the 10% goal for MWDBE subcontractor participation. We do plan to solicit the electrical portion of the work to MWDBE subcontractors as the electrical scope of work is the single subcontracted item provided in our “turn key” package. We do not anticipate the electrical subcontract to meet the 10% goal.

Please accept this letter as a statement of our intent to meet the experience requirements for this specialized piece of fire training equipment, and also our intent to maximize the MWDBE participation for this project by subcontracting the electrical portion of the contract to a MWDBE contractor.

Sincerely,

Joe Kirchner
Joe Kirchner
WHP Trainingtowers

State License Number:

11. DBE Participation on current bonded projects under contract:

| <u>SUBCONTRACTORS</u> <u>(LIST)</u> | <u>PROJECT</u> <u>(SPECIFIC TYPE)</u> | <u>DBE</u> | <u>% of WORK</u> |
|--|--|------------|------------------|
| TEM Electric Co., Inc. | Electrical | No | 4.5% |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

(USE ADDITIONAL SHEETS IF NECESSARY)

12. We acknowledge that, if we are the apparent low Bidder, we may be required to submit to the OWNER within 7 calendar days following the Bid Opening, a sworn statement regarding all current work on hand and under contract, and a statement on the OWNER'S form of the experience of our officers, office management and field management personnel. Additionally, if requested by the OWNER, we will within 7 days following the request submit audited financial statements and loss history for insurance claims for the 3 most recent years (or a lesser period stipulated by the OWNER).

6. **LIST OF PROPOSED SUBCONTRACTORS**

The following list of proposed subcontractors is required by the OWNER to be executed, completed and submitted with the BIDDER'S FORM OF PROPOSAL. All subcontractors are subject to approval of the Lexington-Fayette Urban County Government. Failure to submit this list completely filled out may be cause for rejection of bid.

| <u>BRANCH OF WORK - LIST EACH MAJOR ITEM</u> Such as: Grading, bituminous paving, concrete, seeding and protection, construction staking, etc. | <u>SUBCONTRACTOR</u> | <u>DBE</u> <u>Yes/No</u> | <u>% of Work</u> |
|---|--|---|-------------------------|
| 1. <u>Electrical</u> | Name: <u>TEM Electric Co., Inc.</u> Address: <u>3560 Bashford Ave, Louisville, KY</u> | <u>No</u> | <u>4.5%</u> |
| 2. _____ | Name: _____ Address: _____ | _____ | _____ |
| 3. _____ | Name: _____ Address: _____ | _____ | _____ |
| 4. _____ | Name: _____ Address: _____ | _____ | _____ |
| 5. _____ | Name: _____ Address: _____ | _____ | _____ |
| 6. _____ | Name: _____ Address: _____ | _____ | _____ |
| 7. _____ | Name: _____ Address: _____ | _____ | _____ |

(Attach additional sheet(s) if necessary.)

7. **LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT MWDBE PARTICIPATION GOALS, FORMS, AND GOOD FAITH EFFORTS**

A. GENERAL

- 1) The LFUCG request all potential contractors to make a concerted effort to include Minority-Owned (MBE), Woman-Owned (WBE) and Disadvantaged (DBE) Business Enterprises as subcontractors or suppliers in their bids.
- 2) Toward that end, the LFUCG has established 10% of total procurement costs as a Goal for participation of Minority-Owned, Woman-Owned and Disadvantaged Businesses on this contract.
- 3) **It is therefore a request of each Bidder to include in its bid, the same goal (10%) for MWDBE participation and other requirements as outlined in this section.**

B. PROCEDURES

- 1) The successful bidder will be required to report to the LFUCG, the dollar amounts of all payments submitted to Minority-Owned or Woman-Owned subcontractors and suppliers for work done or materials purchased for this contract. (See Subcontractor Monthly Payment Report)
- 2) Replacement of a Minority-Owned or Woman-Owned subcontractor or supplier listed in the original submittal must be requested in writing and must be accompanied by documentation of Good Faith Efforts to replace the subcontractor / supplier with another MWDBE Firm; this is subject to approval by the LFUCG. (See LFUCG MWDBE Substitution Form)
- 3) For assistance in identifying qualified, certified businesses to solicit for potential contracting opportunities, bidders may contact:
 - a) The Lexington-Fayette Urban County Government, Division of Central Purchasing (859-258-3320)
- 4) The LFUCG will make every effort to notify interested MWDBE subcontractors and suppliers of each Bid Package, including information on the scope of work, the pre-bid meeting time and location, the bid date, and all other pertinent information regarding the project.

C. DEFINITIONS

- 1) A Minority-Owned Business Enterprise (MBE) is defined as a business which is certified as being at least 51% owned and operated by persons of African American, Hispanic, Asian, Pacific Islander, American Indian or Alaskan Native Heritage.
- 2) A Woman-Owned Business Enterprise (WBE) is defined as a business which is certified as being at least 51% owned and operated by one or more Non-Minority Females.

- 3) A Disadvantaged Business (DBE) is defined as a business which is certified as being at least 51% owned and operated by a person(s) that are economically and socially disadvantaged.
- 4) Good Faith Efforts are efforts that, given all relevant circumstances, a bidder or proposer actively and aggressively seeking to meet the goals, can reasonably be expected to make. In evaluating good faith efforts made toward achieving the goals, whether the bidder or proposer has performed the efforts outlined in the Obligations of Bidder for Good Faith Efforts outlined in this document will be considered, along with any other relevant factors.

D. OBLIGATION OF BIDDER FOR GOOD FAITH EFFORTS

- 1) **The bidder shall make a Good Faith Effort to achieve the Participation Goal for MWDBE subcontractors/suppliers. The failure to meet the goal shall not necessarily be cause for disqualification of the bidder; however, bidders not meeting the goal are required to furnish with their bids written documentation of their Good Faith Efforts to do so.**
- 2) Award of Contract shall be conditioned upon satisfaction of the requirements set forth herein.
- 3) The Form of Proposal includes a section entitled "MWDBE Participation Form". The applicable information must be completed and submitted as outlined below.
- 4) **Failure to submit this information as requested may be cause for rejection of bid.**

E. DOCUMENTATION REQUIRED FOR GOOD FAITH EFFORTS

- 1) Bidders reaching the Goal are required to submit only the MWDBE Participation Form." The form must be fully completed including names and telephone number of participating MWDBE firm(s); type of work to be performed; estimated value of the contract and value expressed as a percentage of the total Lump Sum Bid Price. The form must be signed and dated, and is to be submitted with the bid.
- 2) Bidders not reaching the Goal must submit the "MWDBE Participation Form", the "Quote Summary Form" and a written statement documenting their Good Faith Effort to do so. If bid includes no MWDBE participation, bidder shall enter "None" on the subcontractor / supplier form). In addition, the bidder must submit written proof of their Good Faith Efforts to meet the Participation Goal:
 - a. Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms to participate.
 - b. Included documentation of advertising in the above publications with the bidders good faith efforts package

- c. Attended LFUCG Central Purchasing Economic Inclusion Outreach event
- d. Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs of subcontracting opportunities
- e. Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms
- f. Requested a list of MWDBE subcontractors or suppliers from LFUCG Economic Engine and showed evidence of contacting the companies on the list(s).
- g. Contacted organizations that work with MWDBE companies for assistance in finding certified MWDBE firms to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.
- h. Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.
- i. Followed up initial solicitations by contacting MWDBEs to determine their level of interest.
- j. Provided the interested MWDBE firm with adequate and timely information about the plans, specifications, and requirements of the contract.
- k. Selected portions of the work to be performed by MWDBE firms in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE participation, even when the prime contractor may otherwise perform these work items with its own workforce
- l. Negotiated in good faith with interested MWDBE firms not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.
- m. Included documentation of quotations received from interested MWDBE firms which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.
- n. Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a

MWDBE quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE goals.

o. Made an effort to offer assistance to or refer interested MWDBE firms to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal

p. Made efforts to expand the search for MWBE firms beyond the usual geographic boundaries.

q. Other--any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE participation.

Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement. Documentation of Good Faith Efforts are to be submitted with the Bid, if the participation Goal is not met.



MINORITY BUSINESS ENTERPRISE PROGRAM

Marilyn Clark
Minority Business Enterprise Liaison
Division of Central Purchasing
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, KY 40507
mclark@lexingtonky.gov
859-258-3323

OUR MISSION: The mission of the Minority Business Enterprise Program is to facilitate the full participation of minority and women owned businesses in the procurement process and to promote economic inclusion as a business imperative essential to the long term economic viability of Lexington-Fayette Urban County Government.

To that end the city council adopted and implemented resolution 167-91—Disadvantaged Business Enterprise (DBE) 10% Goal Plan in July of 1991. The resolution states in part (a full copy is available in Central Purchasing):

“A Resolution supporting adoption of the administrative plan for a ten percent (10%) Minimum goal for disadvantaged business enterprise participation in Lexington-Fayette Urban County Government construction and professional services contracts; Providing that as part of their bids on LFUCG construction contracts, general Contractors shall make a good faith effort to award at least ten percent (10%) of All subcontracts to disadvantaged business enterprises; providing that divisions of LFUCG shall make a good faith effort to award at least ten percent of their Professional services and other contracts to disadvantaged business enterprises...”

A Disadvantaged Business Enterprise is defined as a business that has been certified as being at least 51% owned, operated and managed by a U.S. Citizen of the following groups:

- African-American
- Hispanic-American
- Asian/Pacific Islander
- Native American/Native Alaskan
- Non-Minority Female
- Economically and Socially Disadvantaged

We have compiled the list below to help you locate certified MBE, WBE and DBE certified businesses. Below is a listing of contacts for LFUCG Certified MWDBEs in Economic Engine (<https://lfucg.economicengine.com>)

| Business | Contact | Email Address | Phone |
|---|--|--|--------------|
| LFUCG | Marilyn Clark | mclark@lexingtonky.gov | 859-258-3323 |
| Commerce Lexington – Minority Business Development | Tyrone Tyra | tyra@commercelexington.com | 859-226-1625 |
| Tri-State Minority Supplier Diversity Council | Sonya Brown | sbrown@tsmsdc.com | 502-625-0137 |
| Small Business Development Council | Dee Dee Harbut UK SBDC | ddharbut@uky.edu | |
| | Shiree Mack | smack@uky.edu | |
| Community Ventures Corporation | James Coles | jcoles@cvckv.org | 859-231-0054 |
| KY Department of Transportation | Melvin Bynes | Melvin.bynes@ky.gov | 502-564-3601 |
| | Shella Eagle | Shella.Eagle@ky.gov | 502-564-3601 |
| Ohio River Valley Women’s Business Council (WBENC) | Rea Waldon | rwaldon@gcul.org | 513-487-6534 |
| Kentucky MWBE Certification Program | Yvette Smith, Kentucky Finance Cabinet | Yvette.Smith@ky.gov | 502-564-8099 |
| National Women Business Owner’s Council (NWBOC) | Janet Harris-Lange | janet@nwboc.org | 800-675-5066 |
| Small Business Administration | Robert Coffey | robertcoffey@sba.gov | 502-582-5971 |
| LaVoz de Kentucky | Andres Cruz | lavozeckv@yahoo.com | 859-621-2106 |
| The Key News Journal | Patrice Muhammad | patncem@keynewsjournal.com | 859-373-9428 |



LFUCG MWDBE PARTICIPATION FORM
Bid/RFP/Quote Reference # 209-2014

The MWDBE subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to Central Purchasing for approval immediately.

| MWDBE Company, Name, Address, Phone, Email | Work to be Performed | Total Dollar Value of the Work | % Value of Total Contract |
|--|----------------------|--------------------------------|---------------------------|
| 1. TEM Electric Co., Inc. Patrick Adams, 3560 Bashford Ave, Louisville, KY 40218, 502-454-0101 | Electrical | \$27,880.00 | 4.5% |
| 2. | | | |
| 3. | | | |
| 4. | | | |

The undersigned company representative submits the above list of MWDBE firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Jahnke & Sons Construction, Inc. D/B/A WHP Trainingtowers

Company

01/08/15

Date

Angie Satt
Company Representative

COO

Title



LFUCG MWDBE SUBSTITUTION FORM

Bid/RFP/Quote Reference # 209-2014

The substituted MWDBE subcontractors listed below have agreed to participate on this Bid/RFP/Quote. These substitutions were made prior to or after the job was in progress. These substitutions were made for reasons stated below and are now being submitted to Central Purchasing for approval. By the authorized signature of a representative of our company, we understand that this information will be entered into our file for this project.

| SUBSTITUTED MWDBE Company Name, Address, Phone, Email | MWDBE Formally Contracted/ Name, Address, Phone, Email | Work to Be Performed | Reason for the Substitution | Total Dollar Value of the Work | % Value of Total Contract |
|--|--|----------------------|-----------------------------|--------------------------------|---------------------------|
| 1. TEM Electric Co., Inc. Patrick Adams, 3560 Bashford Ave, Louisville, KY 40218, 502-454-0101 | | Electrical | | \$27,880.0 0 | 4.5% |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |

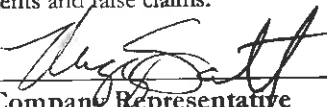
The undersigned acknowledges that any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Jahnke & Sons Construction, Inc. D/B/A WHP Trainingtowers

Company

01/08/15

Date



Company Representative

COO

Title



MWDBE QUOTE SUMMARY FORM

Bid/RFP/Quote Reference # 209-2014

The undersigned acknowledges that the minority subcontractors listed on this form did submit a quote to participate on this project.

| | |
|--|---|
| Company Name Jahnke & Sons Construction, Inc. D/B/A WHP Trainingtowers | Contact Person Maggie Scaletty |
| Address/Phone/Email 9130 Flint, Overland Park, KS 66214 / 913-385-3663 / maggie_scaletty@trainingtowers.com | Bid Package / Bid Date 209-2014 / January 12, 2015 |

| MWDBE Company Address | Contact Person | Contact Information (work phone, Email, cell) | Date Contacted | Services to be performed | Method of Communication (email, phone meeting, ad, event etc) | Total dollars \$\$ Do Not Leave Blank (Attach Documentation) | MBE * AA HA AS NA Female |
|-----------------------------------|----------------|---|----------------|--------------------------|---|--|---|
| 3560 Bashford Ave, Louisville, KY | Patrick Abrams | 502-454-0101 | tbd | Electrical | Phone | \$27,680.00 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

(MBE designation / AA=African American / HA= Hispanic American/AS = Asian American/Pacific Islander/ NA= Native American)

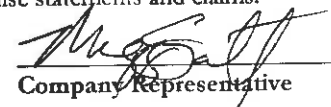
The undersigned acknowledges that all information is accurate. Any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Jahnke & Sons Construction, Inc. D/B/A WHP Trainingtowers

Company

01/08/15

Date



Company Representative

COO

Title



LFUCG SUBCONTRACTOR MONTHLY PAYMENT REPORT

The LFUCG has a 10% goal plan adopted by city council to increase the participation of minority and women owned businesses in the procurement process. In order to measure that goal LFUCG will track spending with MWDBE vendors on a monthly basis. By the signature below of an authorized company representative, you certify that the information is correct, and that each of the representations set forth below is true. Any misrepresentation may result in termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims. Please submit this form monthly to the Division of Central Purchasing/ 200 East Main Street / Room 338 / Lexington, KY 40507.

Bid/RFP/Quote # 209-2014

Total Contract Amount Awarded to Prime Contractor for this Project _____


| | |
|--------------------------|------------------------------------|
| Project Name/ Contract # | Work Period/ From: _____ To: _____ |
| Company Name: | Address: _____ |
| Federal Tax ID: | Contact Person: _____ |

| Subcontractor Vendor ID (name, address, phone, email) | Description of Work | Total Subcontract Amount | % of Total Contract Awarded to Prime for this Project | Total Amount Paid for this Period | Purchase Order number for subcontractor work (please attach PO) | Scheduled Project Start Date | Scheduled Project End Date |
|---|---------------------|--------------------------|---|-----------------------------------|---|------------------------------|----------------------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

By the signature below of an authorized company representative, you certify that the information is correct, and that each of the representations set forth below is true. Any misrepresentations may result in the termination of the contract and/or prosecution under applicable Federal and State laws concerning false statements and false claims.

Jahnke & Sons Construction, Inc. D/B/A WHP Trainingtowers

Company
01/08/15
 Date


 Company Representative
COO
 Title

LFUCG STATEMENT OF GOOD FAITH EFFORTS

Bid/RFP/Quote # 209-2014

By the signature below of an authorized company representative, we certify that we have utilized the following Good Faith Efforts to obtain the maximum participation by MWDBE business enterprises on the project and can supply the appropriate documentation.

- _____ Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow MWDBE firms to participate.
- _____ Included documentation of advertising in the above publications with the bidders good faith efforts package
- _____ Attended LFUCG Central Purchasing Economic Inclusion Outreach event
- _____ Attended pre-bid meetings that were scheduled by LFUCG to inform MWDBEs of subcontracting opportunities
- _____ Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and MWDBE firms
- _____ Requested a list of MWDBE subcontractors or suppliers from LFUCG Economic Engine and showed evidence of contacting the companies on the list(s).
- _____ Contacted organizations that work with MWDBE companies for assistance in finding certified MWDBE firms to work on this project. Those contacted and their responses should be a part of the bidder's good faith efforts documentation.
- _____ Sent written notices, by certified mail, email or facsimile, to qualified, certified MWDBEs soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.
- _____ Followed up initial solicitations by contacting MWDBEs to determine their level of interest.
- _____ Provided the interested MWDBE firm with adequate and timely information about the plans, specifications, and requirements of the contract.
- _____ Selected portions of the work to be performed by MWDBE firms in order to increase the likelihood of meeting the contract goals. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate MWDBE participation, even when the prime contractor may otherwise perform these work items with its own workforce

- _____ Negotiated in good faith with interested MWDBE firms not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection should be so noted in writing with a description as to why an agreement could not be reached.

- _____ Included documentation of quotations received from interested MWDBE firms which were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.

- _____ Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a MWDBE quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy MWDBE goals.

- _____ Made an effort to offer assistance to or refer interested MWDBE firms to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal

- _____ Made efforts to expand the search for MWDBE firms beyond the usual geographic boundaries.


- _____ Other - any other evidence that the bidder submits which may show that the bidder has made reasonable good faith efforts to include MWDBE participation.

Failure to submit any of the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement. Documentation of Good Faith Efforts are to be submitted with the Bid, if the participation Goal is not met.

The undersigned acknowledges that all information is accurate. Any misrepresentations may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Jahnke & Sons Construction, Inc. D/B/A WHP Training Towers

Company _____
 Date 1/8/15



 Company Representative
 COO

 Title

8. **AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION, NON-CONFLICT OF INTEREST**

I hereby swear (or affirm) under the penalty for false swearing:

1. That I am the Bidder (if the Bidder is an individual), a partner of the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation);
2. That the attached bid has been arrived at by the Bidder independently, and has been submitted without collusion with, and without any agreement, understanding or planned common course of action, with any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition;
3. That the contents of the bid or bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished, with the bid or bids, and will not be communicated to any such person, prior to the official opening of the bid or bids;
4. That the Bidder is legally entitled to enter into the contracts with the Lexington-Fayette Urban County Government, and is not in violation of any prohibited conflict of interest;
5. (Applicable to corporation only) That as a foreign corporation, we are registered with the Secretary of State, Commonwealth of Kentucky, and authorized to do business in the State x or, that as a domestic corporation, we are in good standing with the Secretary of State, Commonwealth of Kentucky . Check the statement applicable.
6. This offer is for 60 calendar days from the date this bid is opened. In submitting the above, it is expressly agreed that, upon proper acceptance by the Lexington-Fayette Urban County Government of any or all items bid above, a contract shall thereby be created with respect to the items accepted.
7. That I have fully informed myself regarding the accuracy of the statements made in this statement.
8. That I certify that Subcontractors have not and will not be awarded to any firm(s) that have been debarred from noncompliance with the Federal Labor Standards, Title VI of the Civil Rights Act of 1964 As Amended, Executive Order 11246 As Amended or any other Federal Law.

9. STATEMENT OF EXPERIENCE

NAME OF INDIVIDUAL: William Jahnke

POSITION/TITLE: President

STATEMENT OF EXPERIENCE: Bill holds a degree in both Engineering and Fire Protection Engineering. A former Director of the International Association of Fire Chiefs, Bill served as Chief of the Overland Park, KS Fire Department. This, coupled with 17 years of experience in construction management, makes him uniquely qualified to lead our effort to do the job.

NAME OF INDIVIDUAL: Joe Kirchner

POSITION/TITLE: Project Manager

STATEMENT OF EXPERIENCE: Joe has managed over 400 projects for WHP. A graduate of Kansas State University in Construction Management, he works with owners, architects and contractors to develop the best design plan and follows the project through on a daily basis, ensuring timely completion and a quality product. He brings with him over 10 years of experience in the construction industry.

NAME OF INDIVIDUAL: Wayne DeWeese

POSITION/TITLE: Field Operations Manager

STATEMENT OF EXPERIENCE: Wayne has been installing WHP training towers for more than ten years as a sub contractor and then hired on to the WHP team as the Field Operations Manager in 2013. Wayne manages the schedules for our work crews and subcontractors to guarantee our customers have the best overall experience while building their fire training tower.

NAME OF INDIVIDUAL: Maggie Scaletty

POSITION/TITLE: Chief Operating Officer

STATEMENT OF EXPERIENCE: Responsible for day-to-day business operations, Maggie holds a Masters of Science in Finance, a Masters of Business Administration, and a Bachelor of Science in Management & Leadership. She communicates with owners, contractors and suppliers to assure a successful and timely completion of projects. She specializes in contract review, finance and process management.

NAME OF INDIVIDUAL: _____

POSITION/TITLE: _____

STATEMENT OF EXPERIENCE: _____

NAME OF INDIVIDUAL: _____

POSITION/TITLE: _____

STATEMENT OF EXPERIENCE: _____

* Include all officers, office management's, Affirmative Action officials, and field management personnel. (Attach separate sheets if necessary.)

10. 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 subcontractor 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:

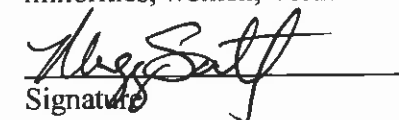
The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.

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 contractor 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.


Signature

Jahnke & Sons Construction, Inc. d/b/a WHP Trainingtowers

Name of Business

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.

The Kentucky equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any count, 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 contract 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 – 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 quoted above 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.

11. **EQUAL EMPLOYMENT OPPORTUNITY AFFIRMATIVE ACTION POLICY**

It is the policy of Jahnke & Sons Construction, Inc. d/b/a WHP Trainingtowers to assure that all applicants for employment and all employees are treated on a fair and equitable basis without regard to their race, religion, sex, color, handicap, natural origin or age.

Such action shall include employment, promotion, demotion, recruitment or recruitment advertising, layoff or termination, rates of pay and other forms of compensation, and selection for training, whether apprenticeship and/or on-the-job-training.

Furthermore, this company agrees to make special recruitment efforts to hire the protected class whenever feasible. This company also agrees to adhere to all applicable federal, state, and local laws relating to Equal Employment Opportunity for all individuals.

12. WORKFORCE ANALYSIS FORM

Name of Organization: Jahnke & Sons Construction, Inc. d/b/a WHP Trainingtowers

Date: 01 / 08 / 15

| Categories | Total | White | | Black | | Other | | Total | |
|---------------------|-------|-------|---|-------|---|-------|---|-------|---|
| | | M | F | M | F | M | F | M | F |
| Administrators | 3 | 2 | 1 | | | | | | |
| Professionals | 5 | 3 | 2 | | | | | | |
| Superintendents | 2 | 2 | | | | | | | |
| Supervisors | 0 | | | | | | | | |
| Foremen | 4 | 4 | | | | | | | |
| Technicians | 2 | 2 | | | | | | | |
| Protective Service | 0 | | | | | | | | |
| Para-Professionals | 1 | 1 | | | | | | | |
| Office/Clerical | 2 | | 2 | | | | | | |
| Skilled Craft | 15 | 12 | | 2 | | 1 | | | |
| Service/Maintenance | 1 | 1 | | | | | | | |
| Total: | 35 | | | | | | | | |

Prepared By: Maggie Scaletty

13. EVIDENCE OF INSURABILITY

LEXINGTON-PAYETTE URBAN COUNTY GOVERNMENT CONSTRUCTION PROJECT
(Use separate form for each Agency or Brokerage agreeing to provide coverage)

Names Insured: WHP TRAINING TOWERS Employee ID: 74-2855791
 Address: 9130 FLINT ST., OVERLAND PARK, KS 66214 Phone: 913-385-3663

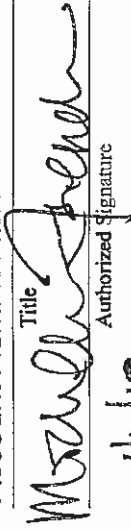
Project to be insured: _____

In lieu of obtaining certificates of insurance at this time, the undersigned agrees to provide the above Named Insured with the minimum coverage listed below. These are outlined in the Insurance and Risk Management of Part V (Special Conditions), including all requirements, and conditions:

| Section Items | Coverage | Minimum Limits and Policy Requirements | Limits Provided To Insured | Name of Insurer | A.M. Best's Code | Rating |
|--|----------|--|---|---|------------------|--------|
| SC-3, Section 2, Part 4.1 - see provisions | CGL | \$1,000,000 per occ. And \$2,000,000 aggregate | \$ 1,000,000 per occ. And \$2,000,000 Agg | Hartford Accident and Indemnity Company | 002230 | A, XV |
| SC-3, Section 2, Part 4.1 - see provisions | AUTO | \$2,000,000/per occ. | \$ 1,000,000 CSL | Sentinel Insurance Company, LTD | 002234 | A, XV |
| SC-3, Section 2, Part 4.1 - see provisions | WC | Statutory w /endorsement as noted | \$ Statutory | Sentinel Insurance Company, LTD | 002234 | A, XV |

Section 2 includes required provisions, statements regarding insurance requirements, and the undersigned agrees to abide by all provisions for the coverage's checked above unless stated otherwise when submitting.

Lockton Companies
 Agency or Brokerage
444 W 47th St, Ste 900
 Street Address
Kansas City, MO 64112
 City State Zip
816-960-9000
 Telephone Number

Michelle French
 Name of Authorized Representative
Account Administrator
 Title

 Authorized Signature
11/15
 Date

NOTE: Authorized signatures may be the agent's if agent has placed insurance through an agency agreement with the insurer. If insurance is brokered, authorized signature must be that of authorized representative of insurer.

IMPORTANT: Contract may not be awarded if a completed and signed copy of this form for all coverage's listed above is not provided with the bid.



CERTIFICATE OF LIABILITY INSURANCE

8/5/2015

DATE (MM/DD/YYYY)

7/23/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| | | | |
|---|--|----------------|--------|
| PRODUCER Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000 | CONTACT NAME: | | |
| | PHONE (A/C, No, Ext): | FAX (A/C, No): | |
| INSURED 1016972 JAHNKE & SONS CONSTRUCTION, INC. DBA WHP TRAINING TOWERS 9130 FLINT OVERLAND PARK KS 66214 | INSURER(S) AFFORDING COVERAGE | | NAIC # |
| | INSURER A: Hartford Accident and Indemnity Company | | 22357 |
| | INSURER B: Sentinel Insurance Company, Ltd. | | 11000 |
| | INSURER C: Atlantic Specialty Insurance Company | | |
| | INSURER D: Travelers Property Casualty Co of America | | 25674 |
| | INSURER E: | | |
| INSURER F: | | | |

COVERAGES CERTIFICATE NUMBER: 10962339 REVISION NUMBER: XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|--|-----------|----------|-------------------|-------------------------|-------------------------|--|
| A | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER: | N | N | 37UENQT2897 | 8/5/2014 | 8/5/2015 | EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/PROP AGG \$ 2,000,000 \$ |
| B | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS | N | N | 37UENQT2898 | 8/5/2014 | 8/5/2015 | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX \$ XXXXXXXX |
| D | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000 | N | N | ZUP13S55311-14-NF | 8/5/2014 | 8/5/2015 | EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$ XXXXXXXX |
| B | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below | N | N/A | 37WEQT2896 | 8/5/2014 | 8/5/2015 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 |
| C | INSTALLATION FLTR.; CONTRACTOR'S EQUIP. | N | N | 7100326370002 | 8/5/2014 | 8/5/2015 | IF: \$3,000,000 PER JOBSITE; CE: LEASED/RENTED EQUIPMENT: \$500,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) FOR INFORMATIONAL PURPOSES ONLY

| | |
|---|--|
| CERTIFICATE HOLDER 10962339 FOR INFORMATIONAL PURPOSES ONLY | CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Joseph M. Amello</i> |
|---|--|

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14. DEBARRED FIRMS

PROJECT NAME: LFUCG Fire Training Tower

BID NUMBER: 209-2014

**LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
LEXINGTON, KY**

All prime Contractors shall certify that Subcontractors have not and will not be awarded to any firms that has been debarred for noncompliance with the Federal Labor Standards, Title VI of the Civil Rights Act of 1964 As Amended, Executive Order 11246 As Amended or any other Federal Law.

All bidders shall complete the attached certification in duplicate and submit both copies to the Owner with the bid proposal. The Owner (grantee) shall transmit one copy to the Lexington-Fayette Urban County Government, Division of Community Development, within fourteen (14) days after bid opening.

The undersigned hereby certifies that the firm of Jahnke & Sons Construction, Inc. d/b/a WHP Trainingtowers has not and will not award a subcontract, in connection with any contract award to it as the result of this bid, to any firm that has been debarred for noncompliance with the Federal labor Standards, Title VI of the civil Rights Act of 1964, Executive Order 11246 as amended or any Federal Law.

Jahnke & Sons Construction, Inc. d/b/a WHP Trainingtowers

Name of Firm Submitting Bid



Signature of Authorized Official

COO

Title

01/08/15

Date

15. DEBARMENT CERTIFICATION

All contractors/subcontractors shall complete the following certification and submit it with the bid proposal.


The contractor/subcontractor certifies in accordance with Executive Order 12549 (Debarment and Suspension 2/18/86) that to the best of its knowledge and belief, that it and its principals:

- 1) Are not presently debarred, suspended, proposed for debarment, declared negligible, or voluntarily excluded from covered transactions or contract by any Federal department or agency for noncompliance with the Federal Labor Standards, Title VI of the Civil Rights Act of 1964 as amended, Executive Order 11246 as amended or any other Federal law;
 - a) Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - b) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(a) of this certification; and
 - c) Have not within a three year period preceding this bid has one or more public (Federal, State or local) transactions or contracts terminated for cause or default.
- 2) Where the contractor is unable to certify to any of the statements in this certification, such prospective contractors shall attach an explanation to this certification form.

Firm Name: Jahnke & Sons Construction, Inc. d/b/a WHP Trainingtowers

Project: LFUCG Fire Training Tower

Printed Name and Title of Authorized Representative: Maggie Scaletty , COO

Signature: 

Date: 01/08/15

END OF SECTION

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Jahnke & Sons Construction,
Inc. dba WHP Trainingtowers
9130 Flint
Overland Park, KS 66214

SURETY:

(Name, legal status and principal place of business)

Merchants National Bonding, Inc.
2100 Fleur Drive
Des Moines, IA 50321-1158

This document has important
legal consequences. Consultation
with an attorney is encouraged
with respect to its completion or
modification.

OWNER:

(Name, legal status and address)

Lexington-Fayette Urban County Government
200 East Main Street
Lexington, KY 40507

Any singular reference to
Contractor, Surety, Owner or
other party shall be considered
plural where applicable.

BOND AMOUNT: \$ 5%

Five Percent of Amount Bid

PROJECT:

(Name, location or address, and Project number, if any)

Fire Training Tower, Bid No. 209-204

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 12th day of January, 2015

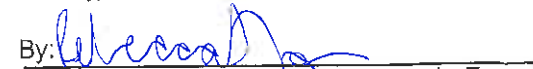

(Witness)

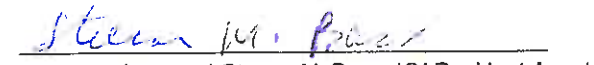
Jahnke & Sons Construction, Inc. dba WHP Trainingtowers
(Principal) (Seal)

By: 
(Title)


(Witness)

Merchants National Bonding, Inc.
(Surety) (Seal)

By: 
(Title) Rebecca S. Gross Attorney-in-Fact


(Countersignature) Steven M. Bass, KY Resident Agent

Surety Phone No. 515-243-8171



MERCHANTS
BONDING COMPANY™
POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations duly organized under the laws of the State of Iowa (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint, individually,

Charissa D. Lecuyer; Charles R. Teter III; Christy M. Braile; Claudia Mandato; David M. Lockton; Debra J. Scarborough; Evan D. Sizemore; Jeffrey C. Carey; Larissa Smith; Laura M. Buhrmester; Mary T. Flanigan; Patrick T. Pribyl; Rebecca S. Gross; Ronald J. Lockton; Wendy A. Casey

of Kansas City and State of Missouri their true and lawful Attorney-in-Fact, with full power and authority hereby conferred in their name, place and stead, to sign, execute, acknowledge and deliver in their behalf as surety any and all bonds, undertakings, recognizances or other written obligations in the nature thereof, subject to the limitation that any such instrument shall not exceed the amount of:

TWENTY MILLION (\$20,000,000.00) DOLLARS

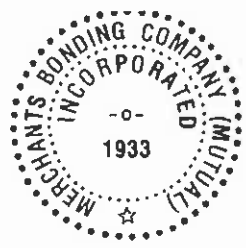
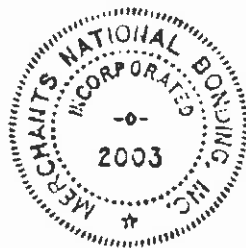
and to bind the Companies thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of the Companies, and all the acts of said Attorney-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This Power-of-Attorney is made and executed pursuant to and by authority of the following By-Laws adopted by the Board of Directors of the Merchants Bonding Company (Mutual) on April 23, 2011 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 24, 2011.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 5th day of August, 2014



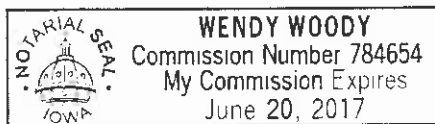
MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

By *Larry Taylor*
President

STATE OF IOWA
COUNTY OF POLK ss.

On this 5th day of August, 2014, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument is the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.

In Testimony Whereof, I have hereunto set my hand and affixed my Official Seal at the City of Des Moines, Iowa, the day and year first above written.



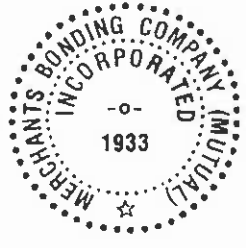
Wendy Woody

Notary Public, Polk County, Iowa

STATE OF IOWA
COUNTY OF POLK ss.

I, William Warner, Jr., Secretary of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 12th day of January, 2015.



William Warner Jr.
Secretary

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Jahnke & Sons Construction,
Inc. dba WHP Trainingtowers
9130 Flint
Overland Park, KS 66214

SURETY:

(Name, legal status and principal place of business)

Merchants National Bonding, Inc.
2100 Fleur Drive
Des Moines, IA 50321-1158

This document has important
legal consequences. Consultation
with an attorney is encouraged
with respect to its completion or
modification.

Any singular reference to
Contractor, Surety, Owner or
other party shall be considered
plural where applicable.

OWNER:

(Name, legal status and address)

Lexington-Fayette Urban County Government
200 East Main Street
Lexington, KY 40507

BOND AMOUNT: \$ 5%

Five Percent of Amount Bid

PROJECT:

(Name, location or address, and Project number, if any)

Fire Training Tower, Bid No. 209-204

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 12th day of January, 2015

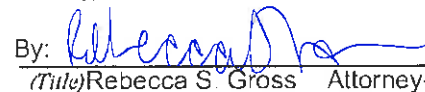

(Witness)

Jahnke & Sons Construction, Inc. dba WHP Trainingtowers
(Principal) (Seal)

By: 
(Title)


(Witness)

Merchants National Bonding, Inc.
(Surety) (Seal)

By: 
(Title) Rebecca S. Gross Attorney-in-Fact

(Countersignature) Steven M. Bass, KY Resident Agent

Surety Phone No. 515-243-8171



MERCHANTS
BONDING COMPANY™
POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations duly organized under the laws of the State of Iowa (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint, individually,

Charissa D. Lecuyer; Charles R. Teter III; Christy M. Braile; Claudia Mandato; David M. Lockton; Debra J. Scarborough; Evan D. Sizemore; Jeffrey C. Carey; Larissa Smith; Laura M. Buhrmester; Mary T. Flanigan; Patrick T. Pribyl; Rebecca S. Gross; Ronald J. Lockton; Wendy A. Casey

of Kansas City and State of Missouri their true and lawful Attorney-in-Fact, with full power and authority hereby conferred in their name, place and stead, to sign, execute, acknowledge and deliver in their behalf as surety any and all bonds, undertakings, recognizances or other written obligations in the nature thereof, subject to the limitation that any such instrument shall not exceed the amount of:

TWENTY MILLION (\$20,000,000.00) DOLLARS

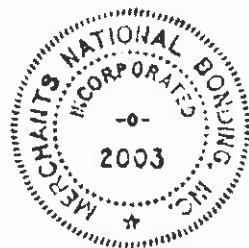
and to bind the Companies thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of the Companies, and all the acts of said Attorney-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This Power-of-Attorney is made and executed pursuant to and by authority of the following By-Laws adopted by the Board of Directors of the Merchants Bonding Company (Mutual) on April 23, 2011 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 24, 2011.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof.

The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 5th day of August, 2014.



MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.

By *Larry Taylor*
President

STATE OF IOWA
COUNTY OF POLK ss.

On this 5th day of August, 2014, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument is the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.

In Testimony Whereof, I have hereunto set my hand and affixed my Official Seal at the City of Des Moines, Iowa, the day and year first above written.



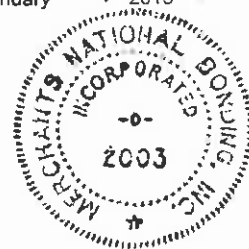
Wendy Woody

Notary Public, Polk County, Iowa

STATE OF IOWA
COUNTY OF POLK ss.

I, William Warner, Jr., Secretary of the MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 12th day of January, 2015



William Warner Jr.
Secretary

Section 13144 – FIRE FIGHTING SIMULATOR

PART 1 – GENERAL

1.1 Work Included

- A. The work under this section shall include the furnishing of all items shown as specified including:
 - 1. Steel building system.
 - 2. Prefabricated and custom metal stair systems.
 - 3. Railing, anchors, supports, and other accessories.
 - 4. Steel closures, doors, door hardware, and hollow metal door frames.
 - 5. Burn room insulating system.

1.2 Related Sections

- A. Division 3 – Supply and setting of anchor bolts
- B. Division 3 – Grouting
- C. Division 3 – Concrete foundations, grade beams, and floor slabs
- D. Division 3 – Concrete fill on elevated decks

1.3 Definition

- A. This simulator shall be used to provide training for firefighters in a controlled environment, which is commensurate with actual fire conditions. These specifications shall be used in conjunction with the drawings for dimensions, features, and exact configuration of the training structure.

1.4 References

- A. National Fire Protection Association (NFPA)
 - 1. NFPA 1402 – Guide to Building Fire Training Centers
 - 2. NFPA 1403 – Standard on Live Fire Training Evolutions
- B. American Society for Testing and Materials (ASTM)
- C. AWS D1.1 – Structural Welding Code – Steel
- D. American Institute of Steel Construction (AISC), Manual of Steel Construction, latest edition
- E. Occupational Safety and Health Standards (OSHA)

1. 29 CFR 1910.23 – Guarding Wall and Floor Openings
 2. 29 CFR 1910.24 – Fixed Industrial Stairs
 3. 29 CFR 1910.27 – Fixed Ladders
- F. Steel Deck Institute (SDI), SDI 30 - Design Manual for Composite Decks, Form Decks, Roof Decks; Steel Deck Institute, Inc.

1.5 Design Requirements

A. Structural Requirements

1. Provide metal building system capable of withstanding the effects of gravity loads and the following loads & stresses within the limits and under conditions indicated.
 - a. Live Loads:
 - 1) Floor: 100 PSF
 - 2) Attic: 100 PSF
 - 3) Flat Roof: 100 PSF
 - 4) Sloped/Gabled Roof: 100 PSF
 - b. Wind Requirements:
 - 1) Wind Load: [] mph (local code)
 - 2) Wind Exposure: [A, B, C, or D] (local code)
 - c. Seismic Requirements:
 - 1) Site Class: [A, B, C, D, E, or F] (local code)
 - 2) S_s (Short Period) [] (local code)
 - 3) S_1 (1-Second Period) [] (local code)
 - d. Occupancy Category: II (local code)
 - e. Deflection Limits: Engineer primary & secondary framing components, floor systems, and wall assemblies to withstand design loads with deflections no greater than 1/240 of the span.
 - f. Exterior Wall Panel System:
 - 1) The building shall be capable of supporting a 1500 pound point load at any point on the exterior wall of the structure.
 - g. Handrails and Guardrails:
 - 1) Uniform load of 50 lb/ft applied in any direction
 - 2) Concentrated load of 200 lbs applied in any direction

- 3) Uniform and concentrated loads need not be assumed to act concurrently.

B. Code Requirements

1. Structural design shall comply with the [International Building Code 20 edition].
2. Safety design shall comply with applicable OSHA requirements.
3. Training shall comply with applicable NFPA 1403 requirements.
4. Due to the nature of the intended use, egress and fire code requirements are not expected to satisfy the code criteria for buildings intended to accommodate public occupancy.
 - a. Local codes may require the simulator to have a variance due to the intended use and features unique to its application.
 - b. It is the responsibility of the owner or owner's representative to determine the proper procedures and variances for their location and obtain the necessary variances or requirements.

1.6 Submittals

A. Shop Drawings

1. Submit steel building drawings showing structural panel layouts, structural frame layouts, joist layouts, locations of openings, building attachment details, and other details as may be required for a weather-tight installation.
 - a. Furnish [3] sets of steel building shop drawings bearing the stamp and signature of a professional engineer registered in the State of Kentucky.
2. Submit miscellaneous metal drawings showing stairs, railing, ladders, window closures, and any other shop fabricated items.
 - a. Show member sizes, weld symbols, and attachment details.
 - b. Furnish [3] sets of shop drawings with a letter of structural conformance bearing the stamp and signature of a professional engineer registered in the State of Kentucky.

B. Calculations

1. Furnish [3] sets of steel building calculations bearing the stamp and signature of a professional engineer registered in the State of Kentucky.

C. Burn Room Liner

1. Submit [3] sets of cut sheet information on the burn room liner.

2. Submit [3] sets of MSDS reports on all applicable materials to be used as burn room liner.
3. Submit [3] 3"x3" samples of burn room liner material.
4. Submit [3] sets of burn room layout drawings including ceiling layouts, wall layouts, and any necessary details.

D. Doors, Frames, and Hardware

1. Submit [3] sets of cut sheet information on all applicable door, frame, and hardware information.

E. Miscellaneous Submittals

1. Submit [3] sets of cut sheet information on all applicable additional materials including rappelling anchors, shutter slam latches and handles, temperature sensing and indicating system, shingles, felt, plywood, color charts, and any other materials included as options.

1.7 Quality Assurance

- A. Supplier shall have a minimum of 10 years experience in the design, engineering, and fabrication of fire training simulators and must offer these turn-key services to complete this section of work.
- B. Erector shall be qualified by the supplier and have a minimum of 5 years experience installing pre-engineered metal building projects and a minimum of 5 completed projects of similar size and scope.

1.8 Delivery, Storage, and Handling

- A. All components and accessories necessary for the assembly of the simulator including interior stairs, decks, and insulating material for burn rooms shall arrive at the project site by over-the-road trailer. Other small items including, fasteners, instruments, and instrumentation shall be delivered separately.
- B. Store all building components according to building storage instructions above ground, separated, and protected from exposure to the elements & from physical damage caused by other activities.
- C. During storage, space surfaces of materials to permit free circulation of air.
- D. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.9 Warranty

- A. Supplier shall provide a one (1) year warranty from the date of Substantial Completion warranting all components to be free from defects in materials and workmanship under normal use and service.

- B. Supplier shall provide a five (5) year extended materials and workmanship warranty from the date of structure delivery warranting all components included in the “Steel Building System” to be free from defects in materials and workmanship under normal use and service.
- C. Supplier shall provide a twenty (20) year extended life warranty from the date of structure delivery warranting all wall and roof panel paint finishes.

PART 2- PRODUCTS

2.1 Suppliers

- A. Acceptable Suppliers: WHP Trainingtowers; 9130 Flint, Overland Park, KS 66214. TEL: (800) 351-2525 or (913) 385-3663. FAX: (913) 385-7078. Email: info@trainingtowers.com Website: www.trainingtowers.com
- B. Substitutions: As approved per Owner/Architect. Must be submitted [14] calendar days prior to bid date.
 - 1. Include full set of drawings with submittal prior to bid.
 - 2. Include cut sheets and/or samples of all products included in the package including but not limited to doors, door frames, hardware, shutters, burn room liner, and paint prior to bid.
 - 3. Provide an itemized list, specifically referencing each item of this specification section where the proposed substitution deviates from the specified product.

2.2 Materials

- 1. Conform to applicable ASTM specifications.
- 2. Galvanize all structural and non-structural materials used, less than 1/4” in thickness, whether or not exposed to the elements.

2.3 Fasteners

- A. Provide pre-drilled/pre-punched holes for bolted attachment of material during erection.
- B. Field bolt wall panel system with 3/8” electro-galvanized, powder coated bolts at 6” on center.
- C. Furnish wall panel system fasteners with a nylon washer to complete the weather-tight seal.
- D. Provide fasteners of sufficient strength to support connected members and loads, and to develop full strength of parts fastened or connected.
- E. Anchor bolts shall meet the diameter specified on the anchor bolt plan.
 - 1. Anchor bolts are not included in this section.

2.4 Shop Finish Painting/Coating

- A. Clean, prepare surfaces and shop prime structural steel except where members are zinc or aluminum-zinc alloy coated, or are to be incased in concrete.
- B. Paint system for wall panel steel exposed to the exterior. Factory applied silicone modified polyester or electrostatic-applied polyester powder coating in accordance with manufacturer's standard procedures. Minimum dry film thickness 1.0 mils. Color to be [Regent Grey, Stone Grey, Charcoal, or Sandstone] from manufacturer's four (4) standard wall colors.
- C. Paint system for structural roof panel steel exposed to the exterior. Factory applied silicone modified polyester or electrostatic-applied polyester powder coating in accordance with manufacturer's standard procedures. Minimum dry film thickness 1.0 mils. Color to be [Charcoal or Sandstone] from manufacturer's two (2) standard roof colors.
- D. Paint system for wall corner steel exposed to the exterior. Factory applied silicone modified polyester or electrostatic-applied polyester powder coating in accordance with manufacturer's standard procedures. Minimum dry film thickness 1.0 mils. Color to be [Regent Grey, Stone Grey, Charcoal, or Sandstone] from manufacturer's four (4) standard wall colors.
- E. Paint system for flat roof and gabled roof steel trim exposed to the exterior. Factory applied silicone modified polyester or electrostatic-applied polyester powder coating in accordance with manufacturer's standard procedures. Minimum dry film thickness 1.0 mils. Color to be [Bone White, Cambridge White, White White, Regent Grey, Stone Grey, Charcoal, Sandstone, Bronze, Heron Blue, Slate Blue, Melcher's Green, Dark Red, or Black] from manufacturer's thirteen (13) standard trim colors.
- F. Paint system for all window shutters, headers, jambs, and sills exposed to the exterior. Factory applied silicone modified polyester or electrostatic-applied polyester powder coating in accordance with manufacturer's standard procedures. Minimum dry film thickness 1.0 mils. Color to be [Bone White, Cambridge White, White White, Regent Grey, Stone Grey, Charcoal, Sandstone, Bronze, Heron Blue, Slate Blue, Melcher's Green, Dark Red, or Black] from manufacturer's thirteen (13) standard trim colors.
- G. Paint system for all protective wear plates exposed to the exterior. Factory applied silicone modified polyester or electrostatic-applied polyester powder coating in accordance with manufacturer's standard procedures. Minimum dry film thickness 1.0 mils. Color to be [Bone White, Cambridge White, White White, Regent Grey, Stone Grey, Charcoal, Sandstone, Bronze, Heron Blue, Slate Blue, Melcher's Green, Dark Red, or Black] from manufacturer's thirteen (13) standard trim colors.

- H. Paint system for all doors and door frames. Factory applied aliphatic urethane in accordance with manufacturer's standard procedures. Minimum dry film thickness 2.0 mils. Color to be [Bone White, Cambridge White, White White, Regent Grey, Stone Grey, Charcoal, Sandstone, Bronze, Heron Blue, Slate Blue, Melcher's Green, Dark Red, or Black] from manufacturer's thirteen (13) standard trim colors.
- I. Shop finish for all stair stringers, stair rails, guardrail, bar grate treads, bar grate roof surfaces, steel balconies, steel landings, ladders, and rappelling anchors. Steel shall be hot-dipped galvanized to conform to ASTM A123 after drilling, punching, cutting, bending and welding.
- J. Shop finish for all other miscellaneous items including but not limited to access hatches, studs, sheeting, hat channels, and decking. Steel shall be galvanized to conform to ASTM A123.

2.5 Standard Fire Fighting Simulator System

A. Weather Sealing

- 1. The footing channel for the building shall be placed over one sponge rubber strip, which shall seal the footing channel to the concrete foundation.
- 2. All exterior wall panels and vertical seams, which are metal-to-metal laps, shall be sealed with a continuous strip of sealer. The sealer shall not run, separate, or deteriorate with age.
- 3. All sealer shall be applied according to assembly drawings to form a weather tight structure.
- 4. The structural panel walls and structural panel roof system shall be weather tight upon completion.

B. Roof Systems

1. Structural Roof System

- a. The flat roof structure shall be a structural single panel roof system and shall consist of all metal panels, which are prefabricated, marked, and ready for assembly. The roof shall be constructed of not less than 14-gauge galvanized steel, roll formed into 7¹/₂" deep compound corrugations, sealed with approved sealer, and connected together with ³/₈" diameter bolts, spaced not more than 6" apart for a weather tight seal, which forms a continuous draining system. Splices shall be completely capable of developing the entire bending moment capability of the panel.

2. “Safe Deck” Roof System

- a. Flat roof surfaces designated as working decks shall be a galvanized bar grate system. When specified, 19W-4, 1” x 1/8” galvanized bar grate shall be provided with a 14-gauge galvanized support channel system and all required fasteners and anchoring devices. “Safe Deck” shall be applied over the structural panel system, which forms a continuous draining roof system.

3. Parapet Roof System

- a. Flat roof surfaces designated as a parapet roof shall be a concrete working deck. The decks shall be a composite metal deck designed for concrete fill. The deck shall be supported on 14-gauge minimum structural “C”s” placed 12” on center. The deck gauge shall be as designated by the deck manufacturer, G60 galvanized, to achieve the design loads. A minimum of 4” of concrete shall be installed over the deck to provide a smooth working surface. The concrete shall be reinforced with chopped strands of fiberglass to form a matrix to reinforce the concrete and protect from shrinkage and temperature cracking. The concrete shall be pitched toward parapet openings or roof scuppers through the parapet walls. The concrete mix design and installation is not covered in this section.
- b. All exterior roof areas with parapet walls shall have concrete floors sloped to an Engineered Drainage System [EDS] The EDS consists of a “trench style” floor drain which is piped internally down to the first floor level and to the outside of the building. The floor drain shall have a removable bar grate cover that will allow the drain to be cleaned and flushed if necessary. (Concrete supplied by others).

4. Gabled Roof System

- a. Gabled roof structures shall be constructed utilizing structural steel trusses, structural plywood deck, and composition shingle roof covering. The composition shingles shall be 25-year single tab seal down as manufactured by Owens-Corning Fiberglas Corp., Tamko Roofing Products, Inc., Certain-Teed Corp., or similar quality shingles. The granular surface shall meet OSHA requirements for slip resistance. The deck shall be minimum 3/4” nominal T & G plywood with exterior glued laminates. 15 lb. felt underlayment shall be installed on the deck. Roof chop-outs shall be replaceable and flush with roof to prevent a tripping hazard. Roof shall have minimum 18-gauge painted fascia and soffit trim.

C. Wall Systems

1. The structural steel panel shall be G90 hot-dipped galvanized, painted one side, steel, and conforming to the appropriate ASTM specification. The panels shall be roll formed from flat steel and shall have a minimum corrugation depth of 4 1/2". Panels shall be joined at their seams, which shall lap a minimum of 1/2", and shall be held together with 3/8" bolts spaced not more than 6" center-to-center. All connection holes in the panels shall be factory pre-punched. Self-tapping fasteners are not acceptable. The vertical seams shall be sealed with a sealer. The wall panels of the building shall have sufficient shear resisting capabilities to give the building structural stability when vertical and horizontal loads are applied.
2. Framing for load bearing walls shall be a minimum of 12-gauge, hot-dipped, G90 galvanized "C"s" placed 3'-5" center-to-center or 3"x 4"x 1/4" prime painted structural tubing. All mounting plates at the bottom of each vertical shall be attached to the building foundation using the foundation anchor bolts.
3. Framing for interior non-load bearing walls shall be framed with 4 1/2", 18-gauge minimum, galvanized studs spaced a minimum of 24" on center. The face of the wall shall be minimum 18-gauge galvanized sheeting on both faces of wall to conceal stud framing.

D. Floor Systems

1. Floor shall be supported on structural "C"s" placed 12" on center. The "C"s" shall be a minimum of 14-gauge or heavier as designed by the building engineer. "C"s" shall be a minimum of 10" in depth nominally and G90 hot-dipped galvanized. There shall be weeps in the bottom of the "C"s" for drainage of water. Headroom shall not be reduced with the use of structural beams and shall have a minimum floor to ceiling height of 8'-9" across the entire floor area.
 - a. All floor surfaces shall be a concrete working deck. The decks shall be a composite metal deck designed for concrete fill. The deck shall be supported on 14-gauge minimum structural "C"s" placed 12" on center. The deck gauge shall be as designated by the deck manufacturer, G60 galvanized, to achieve the design loads. A minimum of 4" of concrete shall be installed over the deck to provide a smooth working surface. The concrete shall be reinforced with chopped strands of fiberglass to form a matrix to reinforce the concrete and protect from shrinkage and temperature cracking. The concrete shall be pitched toward doors and exterior walls. The concrete mix design and installation is not covered in this section.

- b. All burn rooms floors above first floor shall have concrete floors sloped to an Engineered Drainage System [EDS] The EDS consists of a “trench style” floor drain which is piped internally down to the first floor level and to the outside of the building. The floor drain shall have a removable bar grate cover that will allow the drain to be cleaned and flushed if necessary. (Concrete supplied by others).

E. Access Openings

1. Steel Doors

a. Materials

- 1) Sheets are to be made of commercial quality 18 gauge hot dipped zinc coated steel that complies with ASTM A924 A60.
- 2) Vertical edges will join the face sheets by a continuous weld extending the full height of the door. Welds are to be ground, filled to make them invisible and provide a smooth flush surface.
- 3) Hinge reinforcement to be not less than 7 gauge ($\frac{3}{16}$ ”) plate $1\frac{1}{4}$ ” X 9”.
- 4) Reinforce tops and bottoms of all doors with a continuous steel channel not less than 16 gauge, extending the full width of the door and welded to the face sheet. Doors with an inverted top channel shall have a steel closure channel screwed or welded in place so the web of the channel is flush with the top of the face sheets of the door. Plastic fillers are NOT acceptable. Seams around the perimeter of the top channel shall be caulked water tight with a paintable urethane caulk.
- 5) Door Cores
 - a) Insulated doors to have 22 gauge vertical steel stiffeners spanning the full thickness of the interior space between door faces. Stiffeners are spaced not more than 6” a part, and attached by spot welds spaced not more than 5” on centers. Spaces between stiffeners are to be filled with fiberglass insulation (Min. density 0.8#/cubic ft.)

2. Steel Door Frames

a. Materials

- 1) To be 16 gauge hot dipped zinc coated steel that complies with ASTM designations A924 A60.
- 2) All frames to be knock-down type and are to be assembled so that the face miter seam is “closed and tight”.

- 3) Hinge reinforcement to be not less than 7 gauge ($3/16$ "") plate $1\frac{1}{4}$ " X 9".
- 4) Anchors shall be tube and strap type. Vertical jambs shall be punched and dimpled to receive three $3/8$ " flat head machine screws (six per frame) of suitable length to accommodate the jamb profile and wall construction. Machine screws shall be fastened with $3/8$ " locking nuts to prevent jambs from working loose.
- 5) Each framed opening shall be provided with drip lip header.

3. Door Hardware

- a. Stainless steel, ball bearing door hinges conform to ANSI A5111
 - 1) 3 hinges per non-burn room door
 - 2) 4 hinges per burn room door
- b. Locksets conform to ANSI A156.2 Series 4000, Grade 2
 - 1) All locksets shall be keyed alike.
- c. Passage latches conform to ANSI A156.2 Series 4000, Grade 2
- d. Strikes conform to ANSI A156.2
- e. Dual adjustable ball catches conform to ANSI A156.2 B23013
- f. $4\frac{1}{2}$ " door pulls conform to ANSI A156.2
- g. Auxiliary Springs conform to ANSI K87454
- h. High-temperature door sweep supplied on all doors except control room doors and elevator shaft doors, if any, that do not rest on a stem wall.

4. Window Shutters

- a. All framed window openings shall receive 12-gauge hot-dipped galvanized coated steel, single leaf closure.
- b. Window closures shall be constructed with a recessed lip perimeter and welded construction. The windows shall be designed to provide an overlap to the interior or exterior to minimize outside light.
- c. All shutters shall have an operating lever latch with handles on the inside and outside of the shutter. All shutters accessible from the ground shall have a key lock lever and shall be keyed alike.

- d. All burn room shutters shall have 1" of Padgenite material and mounting channels in addition to the standard shutter including the operating lever latch.
- e. Continuous stainless steel hinges shall be welded to the shutters and field-drilled for mounting.
- f. Each framed opening shall be provided with drip lip header.

F. Stair Systems

- 1. Stringers shall be 1½" wide channel, minimum MC10x8.4. Drill all required holes prior to hot-dip galvanizing.
- 2. Stair top rails shall be minimum 1½"x 1½"x 11 gauge square tubing. Mid-rails shall be ¾" solid steel rod. Distance between rails shall be a maximum of 12". Rails shall be a three-line design and shall be a completely welded assembly welded to the posts with all welds ground smooth, prior to hot-dip galvanizing.
- 3. Stair end posts and intermediate posts shall be minimum 1½"x 1½"x 3/16" structural square tubing. Posts shall be a completely welded assembly welded to the stair stringer and rails with all welds ground smooth, prior to hot-dip galvanizing.
- 4. Stair treads shall be constructed of 19W-4, 1" x 3/16" bar grate, hot-dipped galvanized steel with checker plate nosing. Intermediate stair landings, where used, are to be identical to stair treads in design. The stair treads shall be bolted to the stringer to allow for ease of replacement of damaged treads.

G. Rail Systems

- 1. Top edge height of top rails shall be 42" plus or minus 3" above the walking/working level.
- 2. Top rails shall be minimum 1½"x 1½"x 11 gauge square tubing. Mid-rails shall be ¾" solid steel rod. Distance between rails shall be a maximum of 12". Rails shall be a three-line design and shall be a completely welded assembly welded to the posts with all welds ground smooth, prior to hot-dip galvanizing.
- 3. End posts and intermediate posts shall be minimum 1½"x 1½"x 3/16" structural square tubing. Posts shall be a completely welded assembly welded to the toe board and rails with all welds ground smooth, prior to hot-dip galvanizing.
- 4. Toe board and kick plates shall be structural steel angle 4" x 6" x 5/16" or 4"x 5/16" flat bar welded to the railings prior to hot-dip galvanizing and bolted through the concrete deck or structural members.

2.6 Building Description

A. The simulator consists of a structure which has out to out dimensions of approximately 36'-5" wide x 61'-2" long overall with varying roof heights. The simulator will have three sections, one of which is a 4-story tower with a 5-story stair tower, one is a 2-story residential/industrial section and one of which is a one-story section for a burn room. Each section will be outlined in this specification and the sections are referred to as Sections A, B, and C. Section A is connected to section B and section C is connected to the opposite side of section B from section A. Each of these sections is outlined below. Each of these sections is outlined below.

1. Section A will be a four-story tower with a five-story enclosed stair tower approximately 36'-5" W x 11'-8" L with varying roof heights. The tower will be 21'-4" W x 11'-8" L x 44'-0" H with a 15'-1" W x 11'-8" L x 54'-0" H stair tower.
 - a. Four (4) interior floors (2nd, 3rd, 4th) tower
 - b. Two (2) flat roofs with concrete working surface and 48" H parapet walls. The concrete mix design and installation is not covered in this section
 - c. Five (5) 3'-0" chain gates on the stair tower roof
 - d. Eight (8) rappelling anchors on the stair tower roof
 - e. One (1) vertical ladder from the tower roof up to the stair tower roof
 - f. One (1) 48" wide five-story interior stair with intermediate landings and welded stair railing
 - g. One (1) 36" wide five-story exterior stair with intermediate landings and welded stair railing
 - h. Eight (8) 3' x 7' exterior doors with hollow metal door frame and hardware
 - i. Six (6) 3' x 7' interior doors with hollow metal door frame and hardware
 - j. Seven (7) 3' x 4' window opening with latching shutter
 - k. One (1) 4'x7' cantilevered balcony
 - l. One (1) five-story dry standpipe with a 2-1/2" exterior Siamese connection and a 5" exterior connection and 2-1/2" connections at each floor level
 - m. One (1) two-head sprinkler run from dry standpipe

2. Section B will be a two-story residential/industrial section approximately 21'-11" W x 35'-0" L x 24'-0" H.
 - a. One (1) gable roof, 5/12 and 9/12 un-equal pitch with perimeter welded guardrail approximately 18'-6" long
 - b. One (1) flat roof with concrete working surface and 48" H parapet walls between section A and the gable roof with a length of approximately 16'-6". The concrete mix design and installation is not covered in this section
 - c. Two (2) rappelling anchors on the flat parapet roof
 - d. Two (2) 8'-0" chain gates, one (1) on each 18'-6" face of the gabled roof
 - e. Two (2) 3'-2" chain gates, one (1) on each 16'-6" face of the flat parapet roof
 - f. One (1) attic space provided between the gabled roof and the second floor
 - g. Two (2) 3' x 3' framed window openings with latching shutters, one (1) at each exterior gabled end of the attic
 - h. Seven (7) 3' x 4' framed window openings with latching shutters
 - i. One (1) 6' x 7' exterior door with hollow metal frame and hardware
 - j. Two (2) 3' x 7' exterior doors with hollow metal frames and hardware
 - k. One (1) 3' x 7' interior door with hollow metal frame and hardware
 - l. One (1) two-story interior stair with welded stair railing
 - m. One (1) 48"x48" floor/ceiling breach
 - n. One (1) 8' wide by 7' tall framed opening for garage door (garage door by others)
3. Section C will be a one-story annex approximately 21'-11" W x 14'-6" L x 10'-0" H.
 - a. One (1) bar grate "safe deck" flat roof with guard railing on three sides or roof
 - b. Two (2) 3' x 4' framed window openings with latching shutters
 - c. One (1) 3' x 7' exterior door with hollow metal frame and hardware
 - d. One (1) two-story exterior stair with welded stair railing to roof

2.7 Additional Items

A.

2.8 Items to be Included as Options

A.

PART 3 – EXECUTION

3.1 Examination

- A. Verify that concrete work has cured a minimum of 14 days. Verify that anchor bolts are at the proper spacing and protrude the proper amount above the concrete. Report any variances to the owner’s representative prior to proceeding with erection.
 - 1. Concrete stem wall elevation must be within tolerance of +/- 1/4”.
 - 2. Anchor bolts placement must be within tolerance of +/- 1/8”.

3.2 Installation

- A. Comply with the respective manufacturer’s recommendations for preparation of building components.
- B. Comply with respective manufacturer’s instructions and approved shop drawings.

3.3 Adjusting and Cleaning

- A. Repair or replace damaged components.
- B. Contractor shall properly maintain the site, collect all waste material, place all debris and waste in containers and remove from the site.

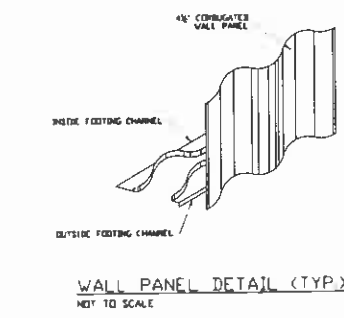
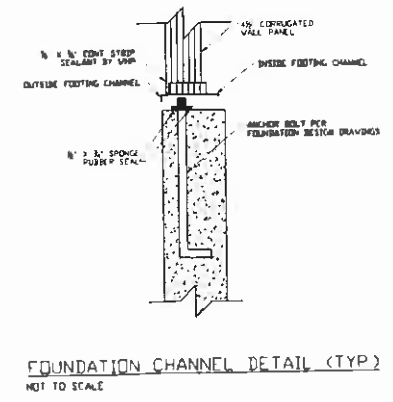
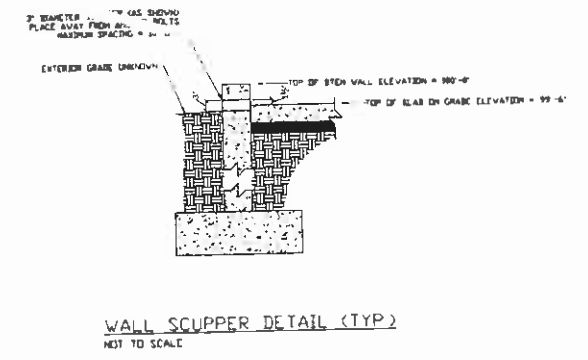
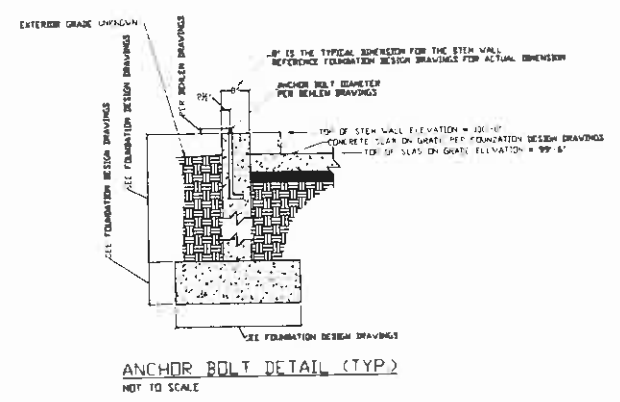
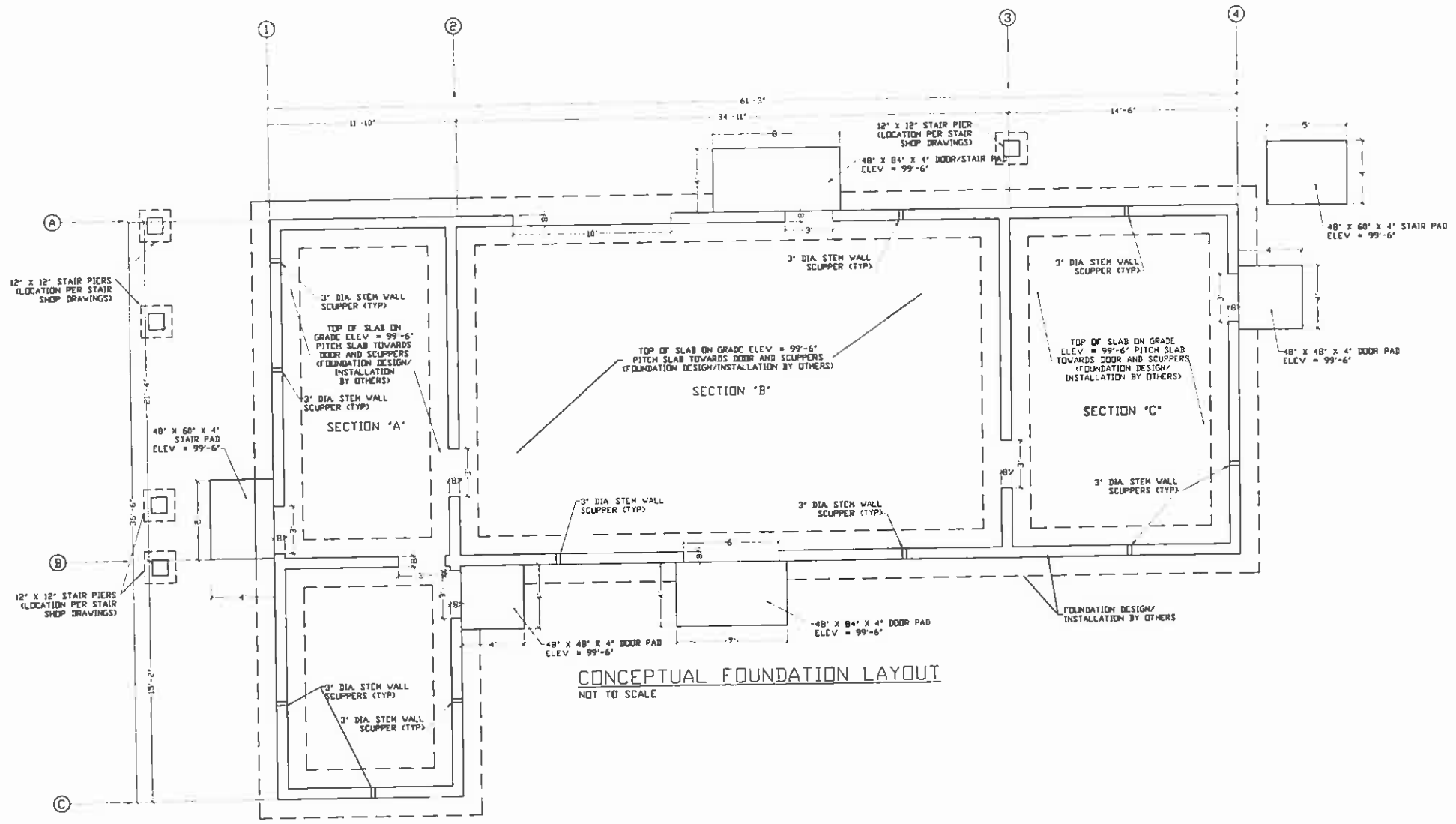
GENERAL NOTES

- 1) THIS INFORMATION CONFORMS TO ALL APPLICABLE STANDARDS FOR FIRE TRAINING SIMULATORS AT THE TIME OF PREPARATION.
- 2) THE ERECTION CONTRACTOR ASSUMES RESPONSIBILITY FOR ALL MATERIALS, AT THE TIME OF DELIVERY THIS CONTRACTOR IS ALSO RESPONSIBLE TO ACCOUNT FOR ALL MATERIAL, AT TIME OF DELIVERY IF THERE IS A DISCREPANCY IN THE MATERIAL DELIVERED, CONTACT WHP TRAININGTOWERS IMMEDIATELY IN ORDER TO MAKE PROPER ARRANGEMENTS TO PROVIDE THE NECESSARY MATERIAL.
- 3) THIS SET OF DRAWINGS IS INTENDED AS A CONCEPTUAL SET, PROVIDED FOR SECONDARY REFERENCE ONLY. REFER TO BEHELEN INDUSTRIES CONSTRUCTION DRAWINGS AND THE MISCELLANEOUS METALS DRAWINGS AS PRIMARY REFERENCE FOR EXACT MATERIAL DIMENSIONS, CRECTION, AND PROCEDURES.
- 4) THESE DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS, AND ARRANGEMENTS ARE AND SHALL REMAIN THE PROPERTY OF WHP TRAININGTOWERS AND NO PART THERE OF SHALL BE COPIED, REPRODUCED, OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT WRITTEN CONSENT FROM WHP TRAININGTOWERS.
- 5) WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. INSTALLING CONTRACTORS OR OWNERS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND WHP TRAININGTOWERS SHALL BE NOTIFIED IMMEDIATELY OF ANY VARIATIONS OR DISCREPANCIES FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. ANY FIELD CHANGES OR MODIFICATIONS TO EITHER THE STRUCTURE OR ADDITIVE COMPONENTS MUST BE REPORTED AND APPROVED BY WHP TRAININGTOWERS PRIOR TO PERFORMING ANY WORK.
- 6) MISCELLANEOUS FIELD CUTTING AND FITTING OF BOTH STRUCTURAL AS WELL AS LIGHT GAUGE FRAMING COMPONENTS WILL BE NECESSARY TO BE ABLE TO PERFORM THE INSTALLATION PROCEDURES REQUIRED AND WILL BE CONSIDERED AS A STANDARD CONDITION AND REQUIREMENT FOR ERECTION OF THIS LIVE FIRE TRAINING SIMULATOR AND ITS COMPONENTS.
- 7) DOORS SHALL BE PAINTED 18 GA HOT-DIPPED GALVANIZED HOLLOW METAL SLABS WITH CONTINUOUSLY WELDED SEAMS. DOOR FRAMES SHALL BE 1" PAINTED 16 GA HOT-DIPPED GALVANIZED FRAMES. EACH EXTERIOR NON-BURN ROOM DOOR SHALL BE PROVIDED WITH (1) HEAVY-DUTY STAINLESS STEEL BALL BEARING HINGES, (1) COMMERCIAL GRADE MEXED LOCKSET, AND (2) DOOR MUTES. EACH INTERIOR NON-BURN ROOM DOOR SHALL BE PROVIDED WITH (3) HEAVY-DUTY STAINLESS STEEL BALL BEARING HINGES, (1) COMMERCIAL GRADE PASSAGE SET, AND (2) DOOR MUTES. EACH BURN ROOM DOOR SHALL BE PROVIDED WITH (3) HEAVY-DUTY STAINLESS STEEL BALL BEARING HINGES, (2) SPRING-TYPE CLOSING DEVICES, (1) DOOR PULL, (1) ADJUSTABLE BALL CATCH, AND (1) 8" LOCKABLE BARREL BOLT FOR USE IN SECURING THE BUILDING WHEN NOT IN USE. ANY DOUBLE DOORS SHALL BE PROVIDED WITH (1) METAL ASTRIGAL. ALL DOOR FRAMES THAT DO NOT SIT ON THE CONCRETE STEM WALL SHALL EXTEND 6" FROM THE BOTTOM OF DOOR SLAB. ALL DOORS SHALL HAVE (1) HIGH TOP DOOR SWEEP INSTALLED ON THE OUTSWING SIDE OF THE DOOR. THE DOOR SWEEP SHALL DRAG AGAINST THE FINISHED FLOOR LEVEL.
- 8) WINDOW CLOSURES SHALL BE PAINTED 18 GA HOT-DIPPED GALVANIZED SINGLE LEAVES WITH A 1" DEEP PAN FRAME DESIGN. EACH NON-BURN ROOM CLOSURE FASTENED FROM THE GROUND SHALL BE PROVIDED WITH (1) STAINLESS STEEL CONTINUOUS HINGE, (1) SLAM LATCH, (1) KEYS LEVER ON THE EXTERIOR SIDE OF THE CLOSURE, AND (1) PASSAGE LEVER ON THE INTERIOR SIDE OF THE CLOSURE. EACH NON-BURN ROOM CLOSURE NOT ACCESSIBLE FROM THE GROUND SHALL BE PROVIDED WITH (1) STAINLESS STEEL CONTINUOUS HINGE, (1) SLAM LATCH, (1) PASSAGE LEVER ON THE EXTERIOR SIDE OF THE CLOSURE, AND (1) PASSAGE LEVER ON THE INTERIOR SIDE OF THE CLOSURE. EACH BURN ROOM CLOSURE SHALL BE PROVIDED WITH ONE OF THE ABOVE HARDWARE SETS AND SHALL INCLUDE (3) "PADGEMITE" MOUNTING CHANNELS WELDED ON THE INTERIOR SIDE OF THE CLOSURE. ALL CLOSURES SHALL BE INSTALLED WITH EQUAL SPACING BETWEEN THE FRAMED OPENING AND THE CLOSURE PAN. ALL SILL ELEVATIONS SHALL BE 42" ABOVE FINISHED FLOOR ELEVATION.
- 9) FLOOR DECKS ABOVE GRADE SHALL BE CONCRETE OVER GALVANIZED 15" "C" DECK FASTENED DIRECTLY TO FLOOR JOISTS USING SELF-DRILLING/SELF-THREADING TEK SCREW FASTENERS AT 6" O.C. INCREMENTS. ALL FLOOR DECKS SHALL REQUIRE FIELD CUTTING AND FITTING AS REQUIRED TO ACCOMMODATE THE BUILDING CONFIGURATION. CONCRETE FILL SHALL BE 4" IN DEPTH. CONCRETE SHALL BE A SMALL AGGREGATE CONCRETE WITH FIBER MESH REINFORCING. CONCRETE SHALL BE PITCHED TO EXTERIOR WALLS AND DOOR OPENINGS. FINISH SHALL BE A LIGHT BROOM FINISH. (CONCRETE FILL BY OTHERS)
- 10) ALL CORRUGATED ROOF AND WALL PANELS ARE TO BE PREFINISHED IN ONE OF 13 STANDARD COLORS. COMPOUND CORRUGATED WALL PANELS ARE 3'-5" WIDE AND 48" DEEP. COMPOUND CORRUGATED ROOF PANELS ARE TO BE 3'-5" WIDE AND 78" DEEP. ALL WALL AND ROOF PANELS ARE TO BE BOLTED AT 6" O.C. INCREMENTS, UTILIZING 3/4" DIAMETER BOLT FASTENERS PROVIDED IN A COLOR TO MATCH THE WALL OR ROOF PANEL COLOR.
- 11) ALL INTERIOR WALL PARTITIONS SHALL BE CONSTRUCTED OF 48" X 18 GA GALVANIZED METAL STUDS AT 24" O.C. AND 48" X 18 GA GALVANIZED METAL TRACK. ALL SIDES OF INTERIOR PARTITIONS NOT RECEIVING BURN ROOM PANELS SHALL RECEIVE 18 GA GALVANIZED SHEETING FASTENED WITH 88 X 3/8" LOW PROFILE TEK SCREWS AT 12" O.C.

**HIGH RISE - FOUR/FIVE STORY
FIRE TRAINING SIMULATOR**
 LEXINGTON FIRE DEPARTMENT
 LEXINGTON, KY

| | | |
|------------------|---------|----------------|
| PROJECT NUMBER | 02-1000 | REVISION DATES |
| PROJECT LOCATION | PK 1 | 12-11-14 |
| DRAWN BY | PK 1 | |
| CHECKED BY | PK 1 | |
| DATE | 5-20-14 | |

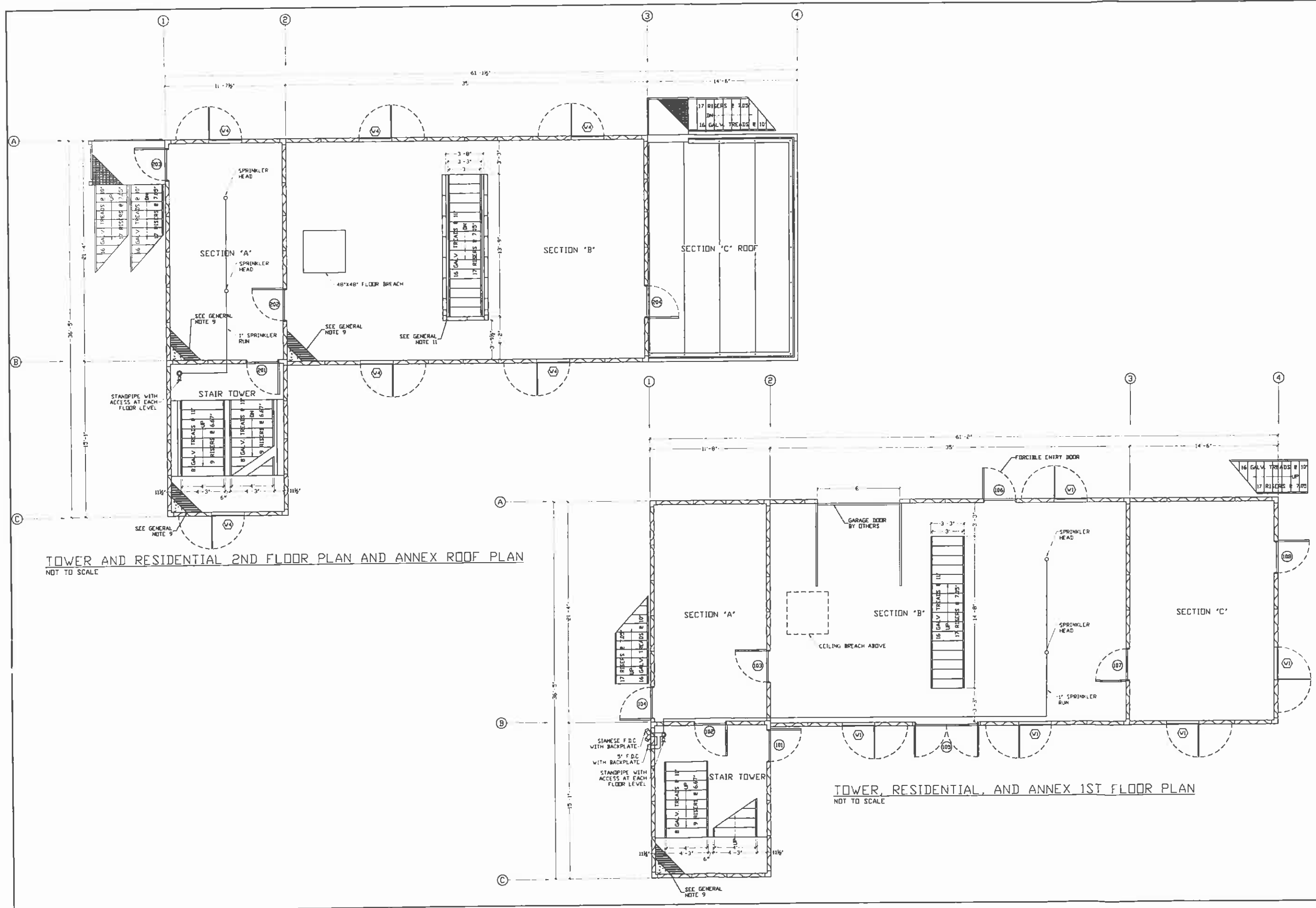
FOUNDATION PLAN



DESIGN LOADS

| | |
|---------------|------------|
| ROOF LOAD | -- 100 PSF |
| FLOOR LOAD | -- 100 PSF |
| ATTIC LOAD | -- 100 PSF |
| WIND LOAD | -- 10 MPH |
| WIND EXPOSURE | -- |

ERECTION NOTE - STAGGER CHANNEL AS SHOWN NOT TO SCALE



TOWER AND RESIDENTIAL 2ND FLOOR PLAN AND ANNEX ROOF PLAN
NOT TO SCALE

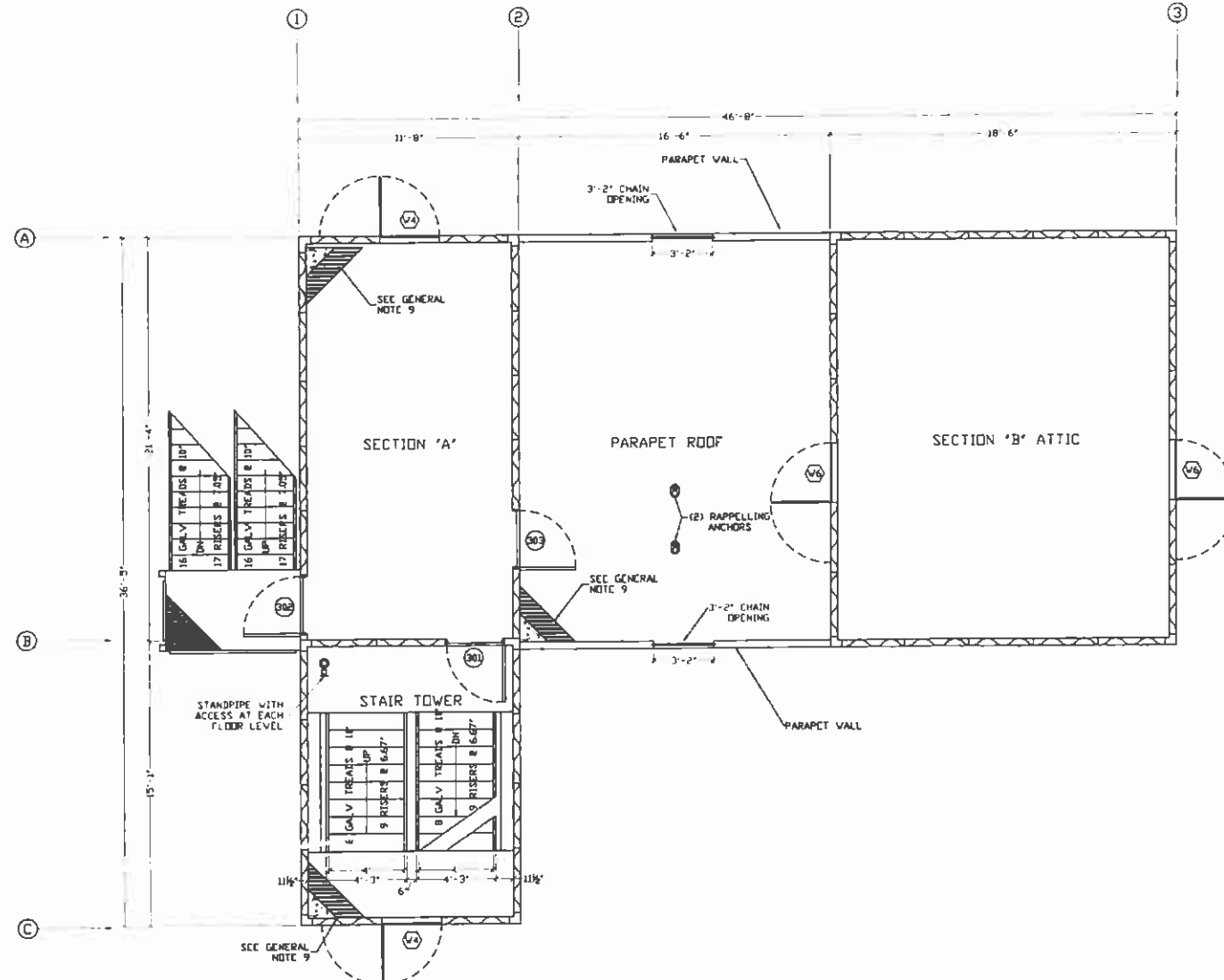
TOWER, RESIDENTIAL, AND ANNEX 1ST FLOOR PLAN
NOT TO SCALE

**HIGH RISE - FOUR/FIVE STORY
FIRE TRAINING SIMULATOR**

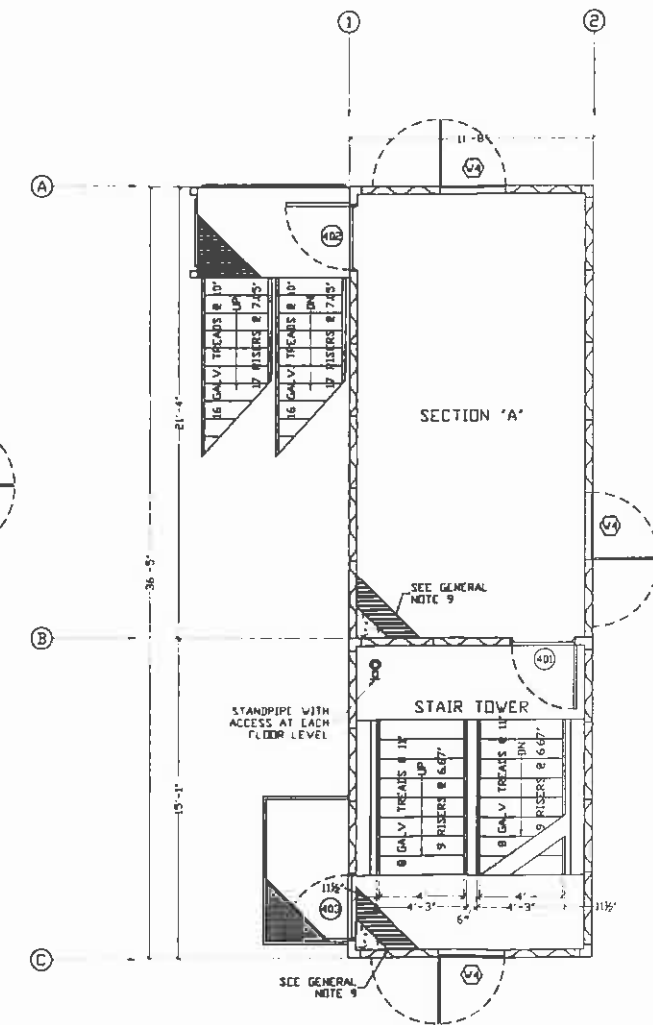
LEXINGTON FIRE DEPARTMENT
LEXINGTON, KY

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| PROJECT NUMBER | 02-20-001 | REVISION DATES |
| PROJECT EXECUTOR | PK 2 | 12-31-14 |
| DRAWN BY | PK 3 | |
| REVIEWED BY | PK 3 | |
| PRINT DATE | 5-20-14 | |

FIRST FLOOR AND
SECOND FLOOR PLANS



TOWER 3RD FLOOR PLAN AND RESIDENTIAL ATTIC PLAN
NOT TO SCALE



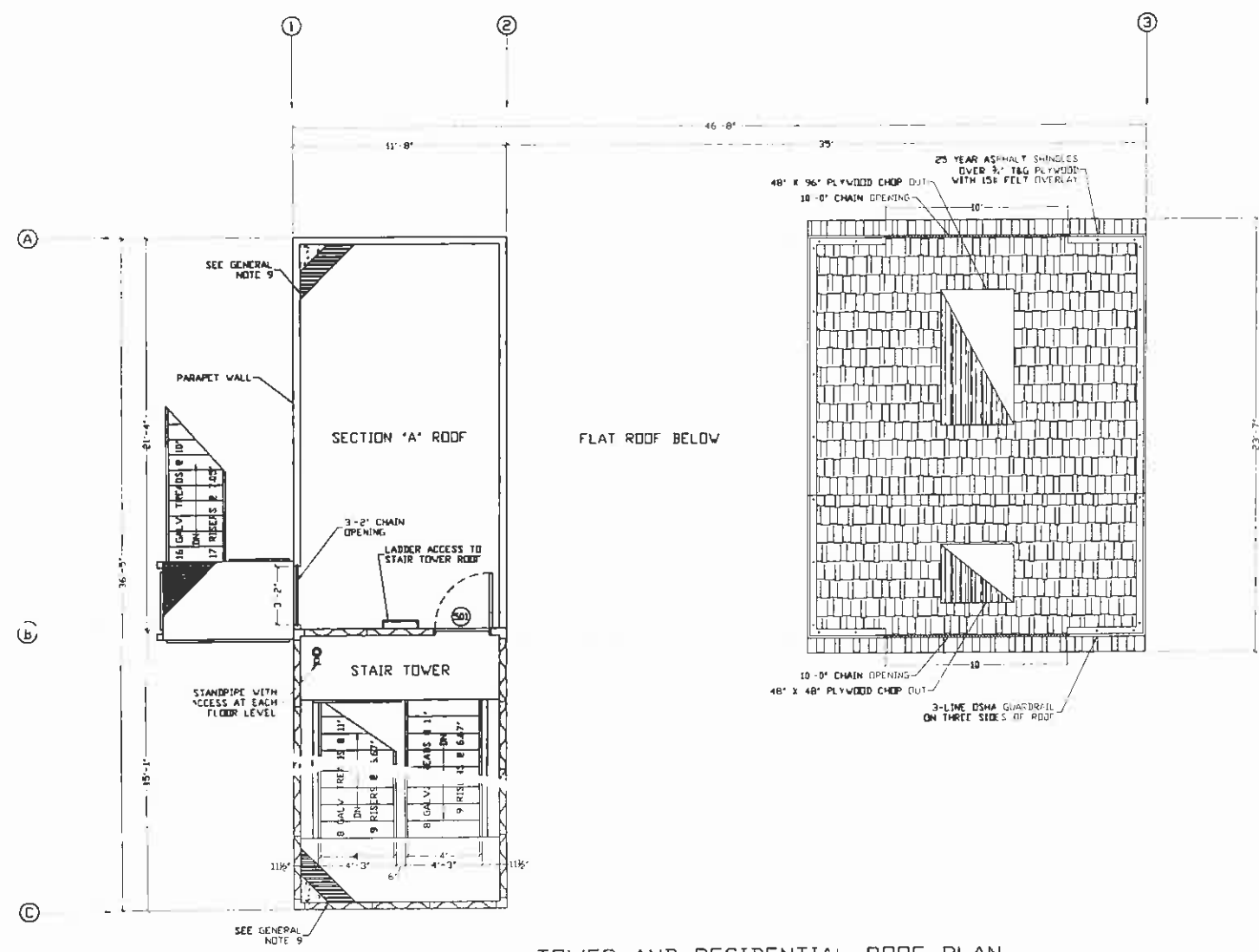
TOWER 4TH FLOOR PLAN
NOT TO SCALE

**HIGH RISE - FOUR/FIVE STORY
FIRE TRAINING SIMULATOR**

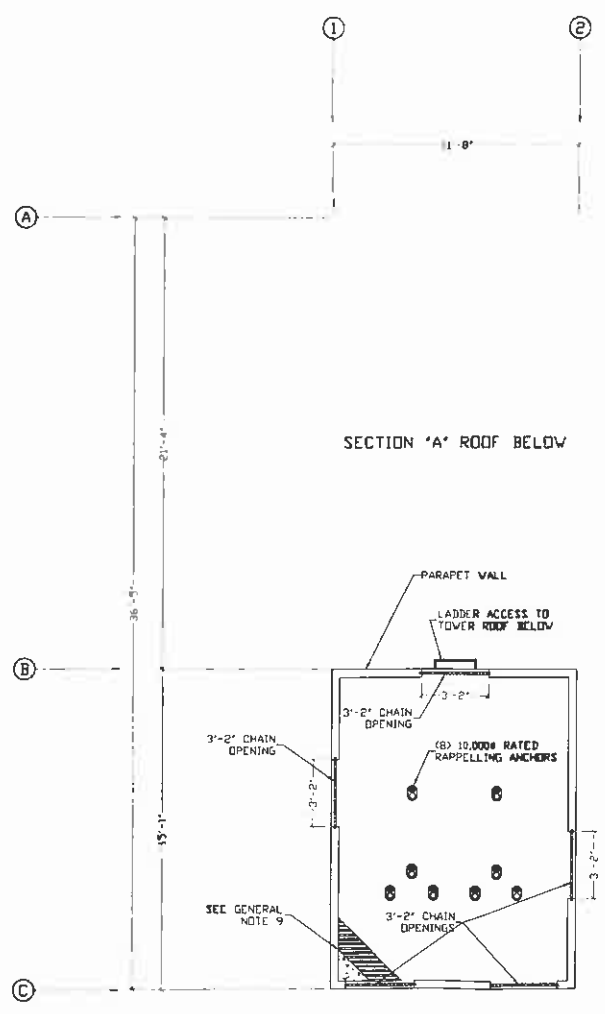
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| PROJECT NUMBER: 00-0000 | REVISION DATES |
| PROJECT DIRECTOR: | 1 12-11-14 |
| DRAWN BY: JPS | 2 |
| REVIEWED BY: JPS | 3 |
| PRINT DATE: 5-30-14 | 4 |

THIRD FLOOR AND
FOURTH FLOOR PLANS



TOWER AND RESIDENTIAL ROOF PLAN
NOT TO SCALE



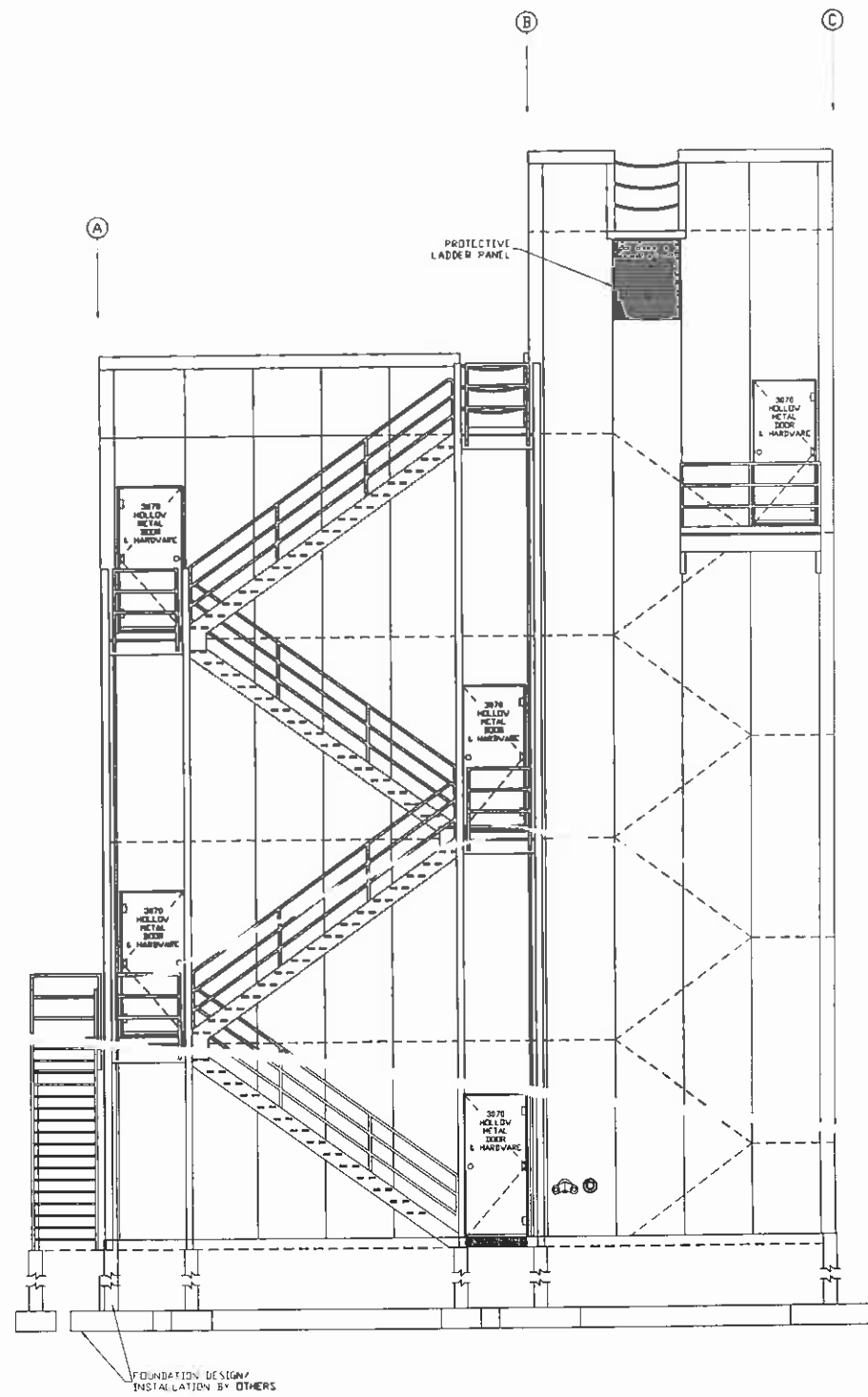
STAIR TOWER PLAN
NOT TO SCALE

HIGH RISE - FOUR/FIVE STORY
FIRE TRAINING SIMULATOR

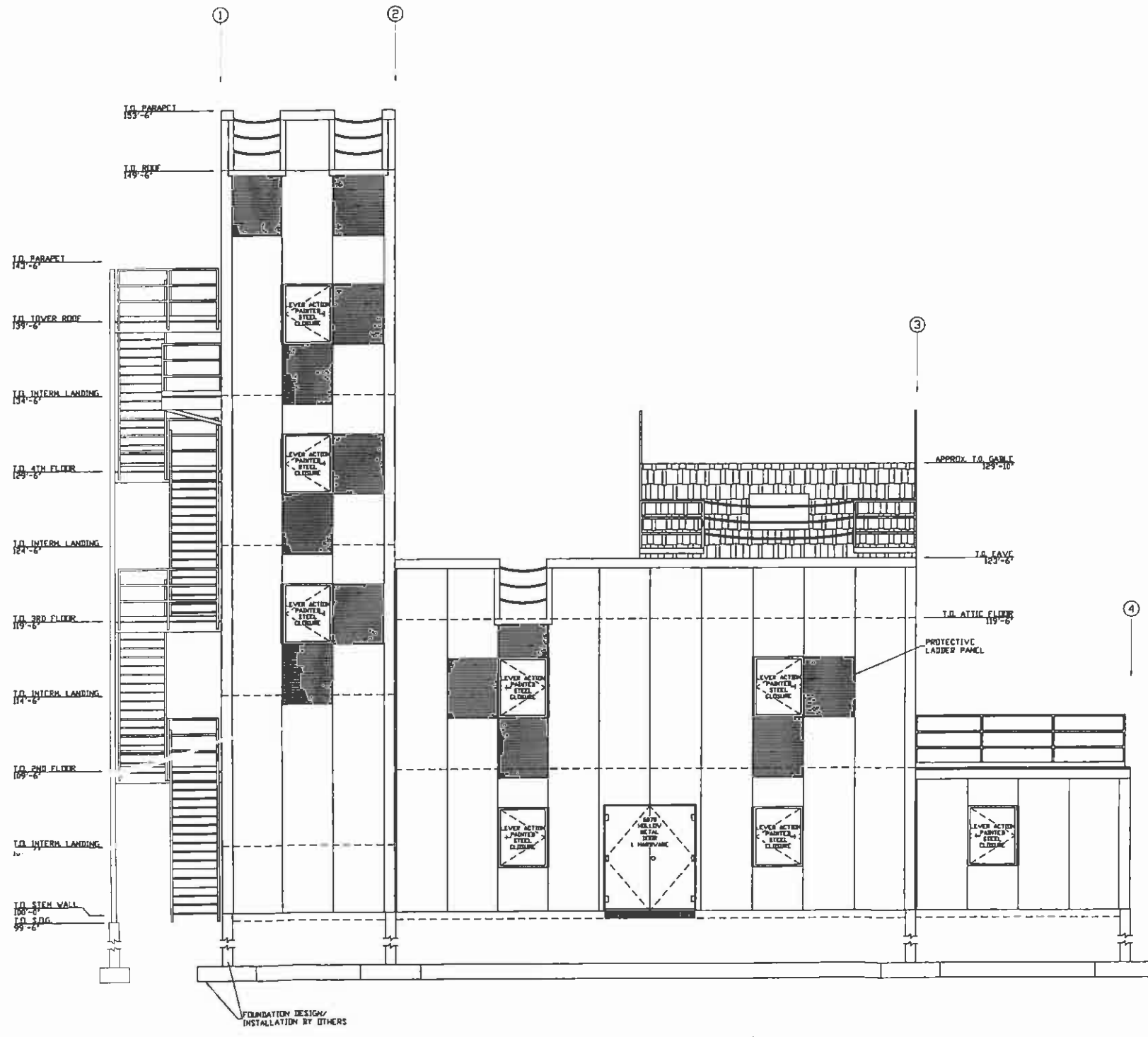
LEXINGTON FIRE DEPARTMENT
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| PROJECT NUMBER: | 00-10-000 | REVISION DATES |
| PROJECT EXECUTOR: | JPK | 1 12-11-14 |
| DRAWN BY: | JPK | 2 |
| REVIEWED BY: | JPK | 3 |
| PRINT DATE: | 5-30-14 | 4 |

ROOF PLANS



LEFT SIDE ELEVATION
NOT TO SCALE



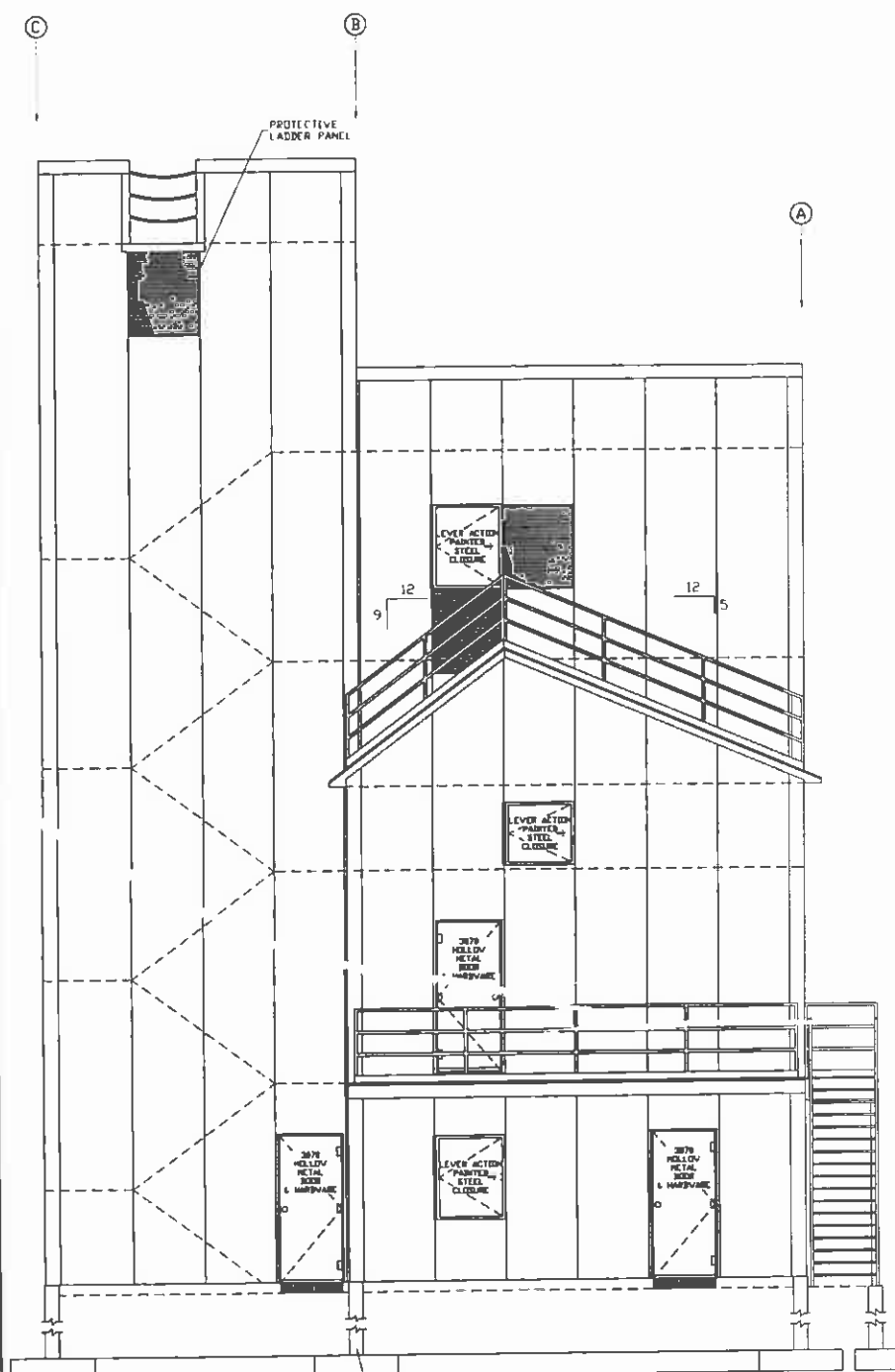
FRONT SIDE ELEVATION
NOT TO SCALE

HIGH RISE - FOUR/FIVE STORY
FIRE TRAINING SIMULATOR

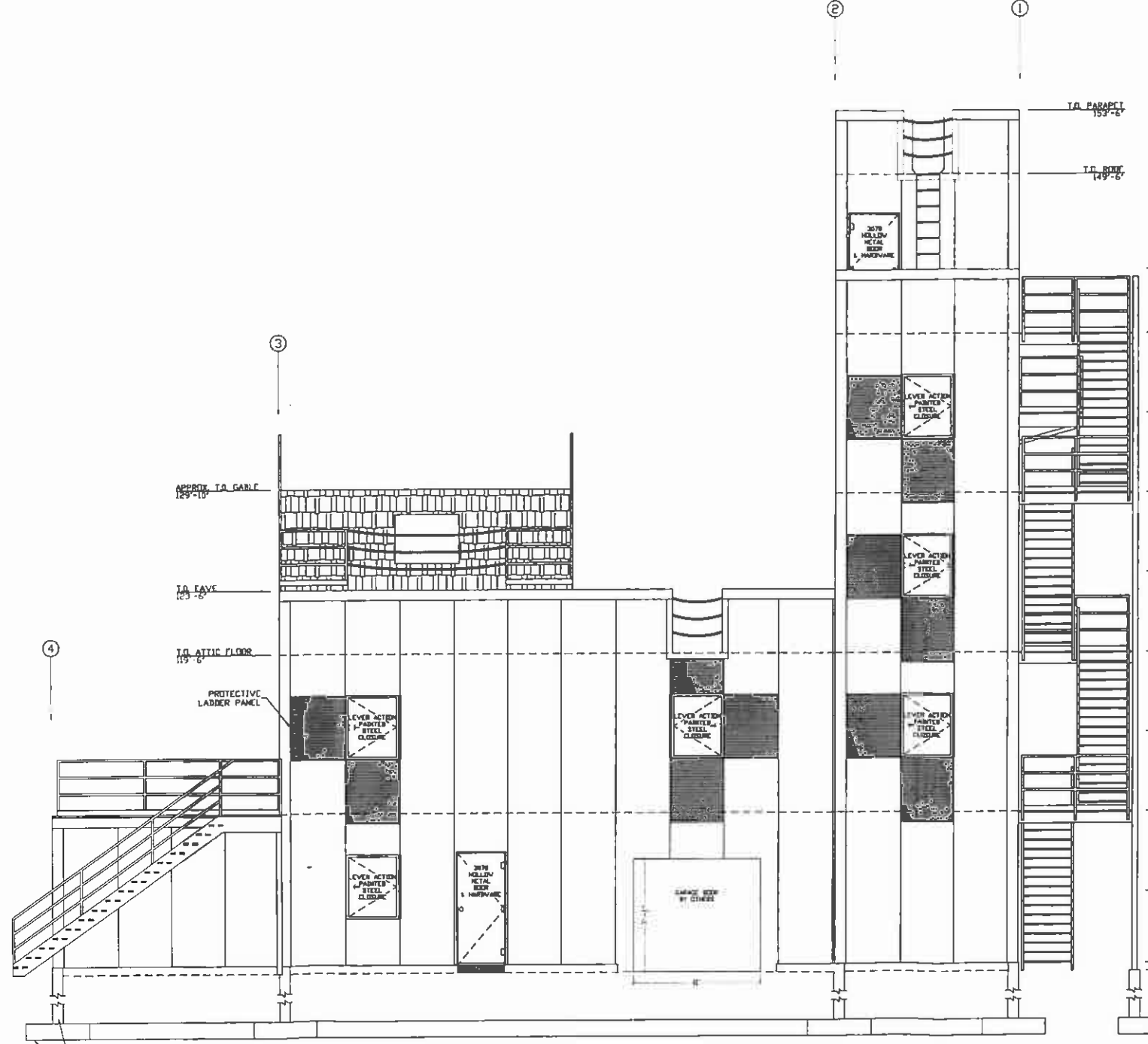
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|-----------------|-----------|----------------|----------|
| PROJECT NUMBER: | 02-01-001 | REVISION DATE: | 12-11-14 |
| DRAWN BY: | AKS | DATE: | 5-30-14 |
| DESIGNED BY: | AKS | DATE: | 5-30-14 |
| CHECKED BY: | AKS | DATE: | 5-30-14 |

FRONT SIDE
AND LEFT SIDE
ELEVATIONS



RIGHT SIDE ELEVATION
NOT TO SCALE



REAR SIDE ELEVATION
NOT TO SCALE

**HIGH RISE - FOUR/FIVE STORY
FIRE TRAINING SIMULATOR**

LEXINGTON FIRE DEPARTMENT
LEXINGTON, KY

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|-----------------|-----------|-----------------|----------|
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| CHECKED BY: | JPK 3 | | |
| DATE: | 5-30-14 | | |

REAR SIDE
AND RIGHT SIDE
ELEVATIONS