

# City of Goodlettsville, TN

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## Peay Park Restroom Building Renovation

### Request for Bids

Responses may be mailed/hand delivered in a sealed envelope or box with title and due date marked on the outside of the envelope to:

City of Goodlettsville  
Charlie Ballard  
105 S Main Street  
Goodlettsville, TN 37072

Attn: Peay Park Restroom Building Renovation  
RFB #1803-0058-A

## Request for Bids

Sealed Bids will be received at the office Charlie Ballard, City of Goodlettsville, 105 South Main Street, Goodlettsville, TN 37072, until 2:00pm CST, on September 6, 2018, at which time they will be opened for the following:

### **Peay Park Restroom Building Renovation By the Parks and Recreation Department, City of Goodlettsville**

Specifications and drawing details may be obtained beginning August 14, 2018. Copies of the Engineering Plans and Specifications may be requested by calling the Purchasing Coordinator beginning Monday, August 14, 2018 between 8:00am and 4:30pm CST. Phone: 615-851-2239 or may find these documents at [www.goodlettsville.gov](http://www.goodlettsville.gov).

This project is funded in part by a Local Parks and Recreation Fund (LPRF) grant administered by the Tennessee Department of Environment and Conservation (TDEC) Recreation Education Services (RES) Division.

The City of Goodlettsville reserves the right to reject any and all Bids and to waive formalities.

The City of Goodlettsville does not discriminate on the basis of age, race, sex, color, national origin, religion or disability in admission to, access to, or operation of its programs, services or activities, nor does it discriminate in its hiring, employment or purchasing practices. Contact the Human Resources Director at 615-851-2206 with questions, concerns, complaints, and with requests for ADA accommodations.

**City of Goodlettsville**  
**Request for Bids (RFB)**  
**Peay Park Restroom Building Renovation**

The City of Goodlettsville ("City") is seeking Bids for the Peay Park Restroom Building Renovation.

This project is funded in part by a Local Parks and Recreation Fund (LPRF) grant administered by the Tennessee Department of Environment and Conservation (TDEC) Recreation Education Services (RES) Division.

The project consists of renovating an existing restroom structure, and creating an additional room on the building to be used for mechanical equipment for a splash pad, and all other specifications as shown on the plans or as specified by the Owner, including all labor, materials, equipment, and supervision. The work is more fully detailed in the attached drawings. Questions from potential Bidders must be sent in writing and received by the City by 2:00pm CST on August 29, 2018.

Allowable working days are defined as Monday through Friday 7:00am to sunset, Saturday from 9:00am-6:00pm, and Sunday from 12:00pm-6:00pm.

To qualify for this contract, the contractor is required to do the following:

- Prepare a brief introduction including a general demonstration of understanding of the scope of the required work and describe your company's structure, areas of expertise, time in business, number of employees and other information that would help characterize your company.
- Provide three examples of similar projects completed in the last five years. Provide a summary description of each project.
- Provide construction oversight on a daily basis during the hours of construction by the contractor or sub-contractor.
- Be able to work within the timelines established by the installer for the Splash Pad as required by the construction of the mechanical room.

The Owner reserves the right to reject any one or all Bids received. No Bidder may withdraw a submitted Bid for a period of sixty (60) days after the date set for the opening of Bids. Each Bid must be accompanied by a Certified Check or Bidder's Bond executed by the Bidder and a Surety Company licensed to do business in the State of Tennessee in the amount of Ten Percent (10%) of the amount of Bid. The Bond is required as a guarantee that, if the Bid is accepted, a Contract will immediately be entered into and the performance of it properly secured. The successful Bidder will be required to execute a Payment and a Performance Bond in the amount of One Hundred Percent (100%) of the Contract Price. Among other things, said Performance Bond shall provide that the Contractor will pay all subcontractors under him in said Contract.

Liquidated Damages in the amount set out in the Contract Documents will be assessed for failure to complete work within the Contract Completion Time as specified herein.

Separate sealed Bids will be received, in accordance with the Bidding Requirements, by the City of Goodlettsville, 105 South Main Street, Goodlettsville, TN 37072, until 2:00pm CST on September 6, 2018. Bids will subsequently be publicly opened and read aloud.

Specifications and drawing details may be obtained beginning August 14, 2018. Copies of the Engineering Plans and Specifications may be requested by calling the Purchasing Coordinator beginning Tuesday, August 14, 2018 between 8:00am and 4:30pm CST. Phone: 615-851-2239 or may find these documents at [www.goodlettsville.gov](http://www.goodlettsville.gov). There is no fee for the Bid packet, but only one packet per contractor, please.

The Contractor (and/or subcontractor) shall be licensed for the classification of work required for the Project in accordance with Public Chapter No. 822 (House Bill No. 2180) "Contractors Licensing Act of 1976," passed March 18, 1976 by the General Assembly of the State of Tennessee, and any subsequent amendments thereto, or any Rules and Regulations promulgated by the State Board of Licensing Contractors and approved by proper legal authority. The entire wording of the Act shall be considered to be included by reference to these Contract Documents.

**Drug-free Workplace Affidavits – T.C.A. § 50-9-113** - Effective January 1, 2001, any contractor with five or more employees who provides construction services for the state or any local government is required to submit an affidavit stating that the contractor has a drug free workplace program in compliance with the Tennessee Drug Free Workplace Act, T.C.A. §§ 50-9-101 through 50-9-113. The drug free workplace affidavit is to be submitted with the Bid for a construction project. This statute directs that no local government shall award any construction contract to a contractor who does not submit such an affidavit with its Bid.

The Contractor shall furnish a Certificate of Insurance indicating sufficient coverage, a minimum of \$2,000,000.00 per occurrence, to protect the Owner and to hold the Owner harmless from any damage or injuries due to the Contractor's negligence. The Contractor is to furnish a Certificate of Insurance indicating coverage under a Workman's Compensation Policy that meets the State Minimum Requirements. The policies shall be issued by insurance companies with a Best Rating of not less than B+.

On the outside of each envelope containing a Bid, the Bidder shall show the following information for the Bidder; *otherwise the Bid will not be opened*:

- Name of project
- Applicable State License Number and its expiration date
- That part of the license classification applying to the Bid.

Each Bidder is responsible for inspecting the site and for reading and being thoroughly familiar with the Contract Documents. By signing the Bid, the Bidder certifies that he has investigated the site conditions of the Project, fully satisfied himself of the surface and subsurface conditions, and has based his Bid accordingly. The failure or omission of any Bidder to do any of the foregoing shall in no way relieve any Bidder from any obligation in respect to his Bid.

The Owner may make such investigations as he deems necessary to determine the ability of the Bidder to perform the Work, and the Bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any Bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy the Owner that such Bidder is properly qualified to carry out the obligations of the Agreement and to complete the Work contemplated therein.

Further, the Bidder agrees to abide by the requirements under Executive Order No. 11246, as amended, including specifically the provisions of the equal opportunity clause set forth in the Supplemental General Conditions.

### **Evaluation of Bids and Selection Process**

City staff will evaluate all properly submitted Bids, and will grade and rank all Bids with respect to the criteria set forth in the Request for Bids, each Bidder's references, past show performance (when applicable), and the proposed fee. The City will then select the top preferred Bidder, with whom a contract, on a form to be provided by the City, will be negotiated. The City Commission has the ultimate authority to approve any Bid and to authorize execution of the negotiated contract.

The City reserves the right to make clarifications, corrections, or changes in the Request for Bids at any time prior to the time Bids are opened. All Bidders or prospective Bidders who register with the City will be informed of said clarifications, corrections, or changes. Prospective Bidders may register via email to [cballard@goodlettsville.gov](mailto:cballard@goodlettsville.gov) prior to the due date for Bids.

Bids submitted are offers only, and the decision to accept or reject is a function of quality, reliability, capability, reputation, and expertise of companies submitting Bids. Issuance of the RFB does not obligate the City to pay any costs incurred by a respondent in its submission of a Bid or making any necessary studies or designs for the preparation of that Bid, or for procuring or contracting for the services to be furnished under this RFB.

A Bidder may withdraw its Bid, either personally or by written request, at any time prior to the scheduled deadline for submittals. No Bid shall be withdrawn for 60 days after the date set for opening Bids. Bids shall be subject to acceptance during this period.

The City reserves the right to accept the Bid that is, in its judgment, the best and most favorable to the interests of the City and to the public; to reject the low price Bid; to accept any item of any Bid; to reject any and all Bids; and to waive irregularities and informalities in any Bid submitted or in the request for Bid process; provided, however, that the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defect or informality. Companies should not rely upon, or anticipate, such waivers in submitting their Bid.

### **Submittal Procedures**

- A. All questions regarding this Bid should be directed in writing to Charlie Ballard, Purchasing Coordinator, at [cballard@goodlettsville.gov](mailto:cballard@goodlettsville.gov). Questions will be accepted until 2:00pm CST on August 29, 2018. All questions and responses will be compiled and submitted to all known potential respondents electronically in one general response memorandum by August 31, 2018 and posted on the City's website at [goodlettsville.gov](http://goodlettsville.gov).
  
- B. RFB Submittals

City of Goodlettsville  
Charlie Ballard  
105 S Main Street  
Goodlettsville, TN 37072

ATTN: Peay Park Restroom Building Renovation  
RFB #1803-0058-A

Bids must be received by U.S. Mail, other carrier, or hand delivered no later than 2:00pm CST, Thursday, September 6, 2018. The Bid opening will be held in the Conference Room at City Hall, 105 S Main Street, Goodlettsville, TN 37072. Bids submitted after closing time will be returned unopened. No oral, telephone, or facsimile Bids will be considered.

**City of Goodlettsville**  
**Peay Park Restroom Building Renovation**  
**RFB - Reference Sheet**

**Company Name** \_\_\_\_\_

Contact Person \_\_\_\_\_

Mailing Address \_\_\_\_\_  
\_\_\_\_\_

Phone Number \_\_\_\_\_

Email Address \_\_\_\_\_

**References**

Organization \_\_\_\_\_

Contact Person \_\_\_\_\_

Mailing Address \_\_\_\_\_  
\_\_\_\_\_

Phone Number \_\_\_\_\_

Email Address \_\_\_\_\_

Length of Association \_\_\_\_\_

Organization \_\_\_\_\_

Contact Person \_\_\_\_\_

Mailing Address \_\_\_\_\_  
\_\_\_\_\_

Phone Number \_\_\_\_\_

Email Address \_\_\_\_\_

Length of Association \_\_\_\_\_

Organization \_\_\_\_\_

Contact Person \_\_\_\_\_

Mailing Address \_\_\_\_\_  
\_\_\_\_\_

Phone Number \_\_\_\_\_

Email Address \_\_\_\_\_

Length of Association \_\_\_\_\_

**REQUEST FOR BID**

**City of Goodlettsville  
Peay Park Restroom Building Renovation**

We, the undersigned Bidder, in compliance with your Advertisement for Bids for the **Peay Park Restroom Building Renovation**, having examined the Drawings and Specifications with related documents and the sites of the proposed work, and being familiar with all of the conditions surrounding the Project, hereby propose to furnish all labor, materials, and supplies to perform the Project in accordance with the Contract Documents within the time set forth therein.

We agree to accept therefore as complete payment, the estimated Lump Sum.

Contract Price \$ \_\_\_\_\_

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Address

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Date

# IRAN DIVESTMENT ACT

In compliance with the Iran Divestment Act (State of Tennessee 2016, Public Chapter No. 817), which became effective on July 1, 2016, certification is required of all bidders on contracts over \$1,000.

*By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party hereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to T.C.A. § 12-12-106.*

*I affirm, under the penalties of perjury, this statement to be true and correct.*

Date	Signature of Bidder
	Company

A bid shall not be considered for award nor shall award be made where the foregoing certification has been complied with; provided, however, that if in any case the bidder cannot make the foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefor. The **City of Goodlettsville** may award a bid to a bidder who cannot make the certification, on case-by-case basis, if:

1. The investment activities in Iran were made before July 1, 2016, the investment activities in Iran have not been expanded or reviewed on or after July 1, 2016, and the person has adopted, publicized, and is implementing a formal plan to cease the investment activities in Iran and to refrain from engaging in any new investments in Iran; or
2. The **City of Goodlettsville** makes a determination that the goods or services are necessary for the **City of Goodlettsville** to perform its functions and that, absent such an exemption, the political subdivision will be unable to obtain the goods or services for which the contract is offered. Such determination shall be made in writing and shall be a public document.

**This form must be completed and accompany the bid documents.**



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
RECREATION EDUCATIONAL SERVICES

WR Snodgrass TN Tower, 312 Rosa L. Parks Avenue, 2nd Floor, Nashville, TN 37243  
PH: 615-532-0748 FAX: 615-532-0732

**CERTIFICATION OF CONTRACTOR  
REGARDING CONFLICTS OF INTEREST,  
LOBBYING, NONDISCRIMINATION, PUBLIC ACCOUNTABILITY,  
AND PUBLIC NOTICE**

This certification is required by the agency that has funded, in part, by: (check one)

- Local Park & Recreation Fund (LPRF)     Land & Water Conservation Fund (LWCF)  
 Recreation Trail Program (RTP)     Other \_\_\_\_\_

The Contractor, \_\_\_\_\_, by signing and submitting this Certification, acknowledges the following: This Certification will be incorporated into the Agreement executed between: City of Goodlettsville (the Grantee) and the Contractor.

By signing and submitting this Certification, the Contractor certifies that neither it, its principals nor affiliates has violated the following:

1. **Conflicts of Interest:** The Grantee warrants that no part of the total Grant Contract Amount shall be paid directly or indirectly to an employee or official of the State of Tennessee as wages, compensation, or gifts in exchange for acting as an officer, agent, employee, subcontractor, or consultant to the Grantee in connection with any work contemplated or performed relative to this Grant Contract.
2. **Lobbying:** The Grantee certifies to the best of its knowledge and belief that:
  - a. No federally appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
  - b. If any funds other than federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this contract, grant, loan, or cooperative agreement, the Grantee shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
  - c. The Grantee shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into and is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. § 1352.

3. **Nondiscrimination:** The Grantee hereby agrees, warrants, and assures that no person shall be excluded from participation in, be denied benefits of, or be otherwise subjected to discrimination in the performance of this Grant Contract or in the employment practices of the Grantee on the grounds of handicap or disability, age, race, color,

religion, sex, national origin, or any other classification protected by federal, Tennessee state constitutional, or statutory law. The Grantee shall, upon request, show proof of nondiscrimination and shall post in conspicuous places, available to all employees and applicants, notices of nondiscrimination.

4. Public Accountability: If the Grantee is subject to Tenn. Code Ann. § 8-4-401 *et seq.*, or if this Grant Contract involves the provision of services to citizens by the Grantee on behalf of the State, the Grantee agrees to establish a system through which recipients of services may present grievances about the operation of the service program. The Grantee shall also display in a prominent place, located near the passageway through which the public enters in order to receive Grant supported services, a sign at least eleven inches (11") in height and seventeen inches (17") in width stating:

NOTICE: THIS AGENCY IS A RECIPIENT OF TAXPAYER FUNDING. IF YOU OBSERVE AN AGENCY DIRECTOR OR EMPLOYEE ENGAGING IN ANY ACTIVITY WHICH YOU CONSIDER TO BE ILLEGAL, IMPROPER, OR WASTEFUL, PLEASE CALL THE STATE COMPTROLLER'S TOLL-FREE HOTLINE: 1-800-232-5454.

The sign shall be on the form prescribed by the Comptroller of the Treasury. The Grantor State Agency shall obtain copies of the sign from the Comptroller of the Treasury, and upon request from the Grantee, provide Grantee with any necessary signs.

5. Public Notice: All notices, informational pamphlets, press releases, research reports, signs, and similar public notices prepared and released by the Grantee in relation to this Grant Contract shall include the statement, "This project is funded under a grant contract with the State of Tennessee." All notices by the Grantee in relation to this Grant Contract shall be approved by the State.
6. Records: The Grantee and any approved subcontractor shall maintain documentation for all charges under this Grant Contract. The books, records, and documents of the Grantee and any approved subcontractor, insofar as they relate to work performed or money received under this Grant Contract, shall be maintained in accordance with applicable Tennessee law. In no case shall the records be maintained for a period of less than five (5) full years from the date of the final payment. The Grantee's records shall be subject to audit at any reasonable time and upon reasonable notice by the Grantor State Agency, the Comptroller of the Treasury, or their duly appointed representatives.

The records shall be maintained in accordance with Governmental Accounting Standards Board (GASB) Accounting Standards or the Financial Accounting Standards Board (FASB) Accounting Standards Codification, as applicable, and any related AICPA Industry Audit and Accounting guides.

In addition, documentation of grant applications, budgets, reports, awards, and expenditures will be maintained in accordance with U.S. Office of Management and Budget's Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.

Grant expenditures shall be made in accordance with local government purchasing policies and procedures and purchasing procedures for local governments authorized under state law.

The Grantee shall also comply with any recordkeeping and reporting requirements prescribed by the Tennessee Comptroller of the Treasury.

The Grantee shall establish a system of internal controls that utilize the COSO Internal Control - Integrated Framework model as the basic foundation for the internal control system. The Grantee shall incorporate any additional Comptroller of the Treasury directives into its internal control system.

Any other required records or reports which are not contemplated in the above standards shall follow the format designated by the head of the Grantor State Agency, the Central Procurement Office, or the Commissioner of Finance and Administration of the State of Tennessee.

**Grantee's Authorized Representative:  
(USUALLY MAYOR)**

\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Print Name*

\_\_\_\_\_  
*Title*

\_\_\_\_\_  
*Date*

**CONTRACTOR:** \_\_\_\_\_

\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Print Name*

\_\_\_\_\_  
*Title*

\_\_\_\_\_  
*Date*





Jerry W. Reynolds  
architect

100 WEST CENTRAL TRAIL  
GOODLETTSVILLE, TN 37072-2077  
PHONE: (615) 855-0408



RECEIVED FOR SEAL

**DRAWING NOTES**

1. BRICK VENEER AND CONCRETE MASONRY UNITS WITH ELASTOMERIC PAINT FINISH.
2. DECORATIVE DOOR SCREEN/SHOULDER, SEE DETAIL.
3. ROOF OVERHANG LINE.
4. PREFORMED METAL ROOFING.
5. HOLLOW METAL PEDESTRIAN DOORFRAME.
6. EXISTING / FINISH GRADE, SEE CIVIL.
7. 1" X 6" FIBER-CEMENT FASCIA BOARD.
8. NEW FIBER-CEMENT SHINGLE GABLE SIDING.
9. EXISTING STAIRS.
10. WINDOLL.
11. NEW PREFORMED METAL GUTTER AND DOWNSPOUT SYSTEM.
12. ADA CLEARLEVEL FLOOR AREAS.
13. REMOVE EXISTING A/C UNIT AND LIGHT FIXTURES.
14. REMOVE EXISTING BRICKS AND ADD A NEW WINDOLL.
15. CONTINUOUS ROOF VENT.
16. VENTILATING DOFFIT.
17. MANUFACTURED STONE BASE AND HATCHING TRIM OVER BRICK.
18. FAN / LOUVER, SEE MECHANICAL.
19. 6" STEEL COLUMN SET IN CONCRETE.
20. 6" STEEL HOISTING CLIPS, WELD TO COLUMN.
21. 6" GALV COLUMN WITH BELOD CAP PLATE.
22. REDWOOD WITH ROUTED LETTERS, LETTER COLOR SELECTED.

RECEIVED FOR CONSULTANT LOGS

LOCAL PARK AND RECREATION FUND  
THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
RESTROOM / EQUIPMENT BUILDING  
**PEAY PARK SPLASH PAD**  
GOODLETTSVILLE, TENNESSEE

PROJECT INFORMATION


REVISION BY REVISION

DRAWN BY JERRY W. REYNOLDS

APPROVED BY JERRY W. REYNOLDS

JOB NO. 201808

DATE 8/10/18

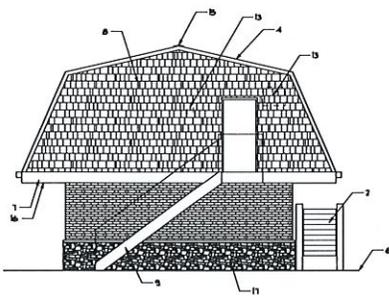
SCALE

BUILDING ELEVATIONS

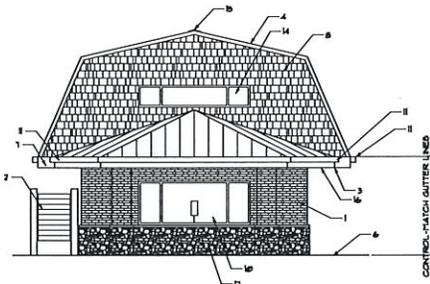
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**A3.1**

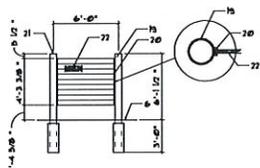
CAD FILE NO.



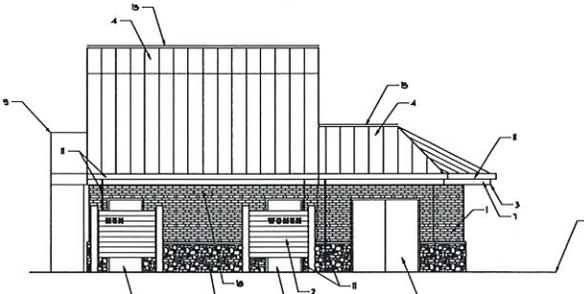
**NORTH ELEVATION**



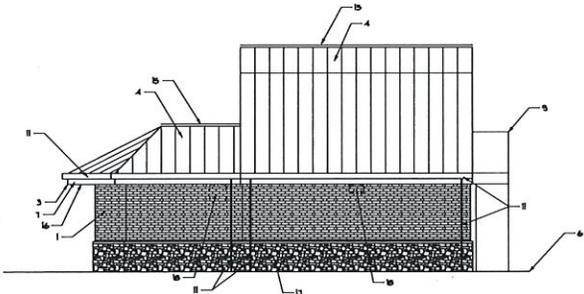
**SOUTH ELEVATION**



**DOOR SCREEN**



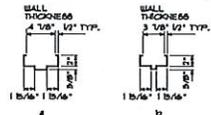
**WEST ELEVATION**



**EAST ELEVATION**







FRAMES

DOOR AND OPENING SCHEDULE											
NO.	DOOR/OPENING		FRAME		UL LABEL	HWL GROUP	KEY	DETAILS		SIGNAGE	REFL. NO.
	WIDTH	HT.	TYPE	HTL	HTL			HEAD	JAMBS		
MSDA	3'-0"	6'-0"	A	LH	# 1	LH1	A	HEAD/JAMBS			
MSA	3'-0"	6'-0"	A	LH	# 1	LH1	A	HEAD/JAMBS			
MSDA	6'-0"	6'-0"	B	LH	# 2	LH1	B	HEAD/JAMBS			
MSA	3'-0"	6'-0"	A	LH	# 1	LH1	C	HEAD/JAMBS			

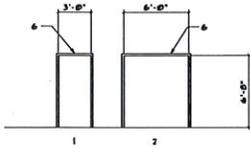
DRAWING NOTES

1. BRICK VENEER AND CONCRETE MASONRY UNITS WITH ELASTOMERIC PAINT FINISH.
  2. 8" GFI WALL.
  3. SOND DEAPS, SEE STRUCTURAL.
  4. ANGLE BRICK LINTEL, SEE STRUCTURAL.
  5. HOLLOW METAL PEDESTRIAN DOOR.
  6. HOLLOW METAL DOOR FRAME.
1. SEALANT.  
 A. CALIC.  
 1. INSULATING/TEMPERED GLASS.

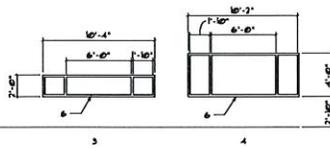
**Jerry W. Reynolds**  
 architect

100 WEST CENTRAL TOWER  
 GOODLETTSVILLE, TN 37072-2077  
 PHONE: (615) 895-0408

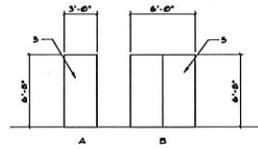
RECEIVED FOR SEAL



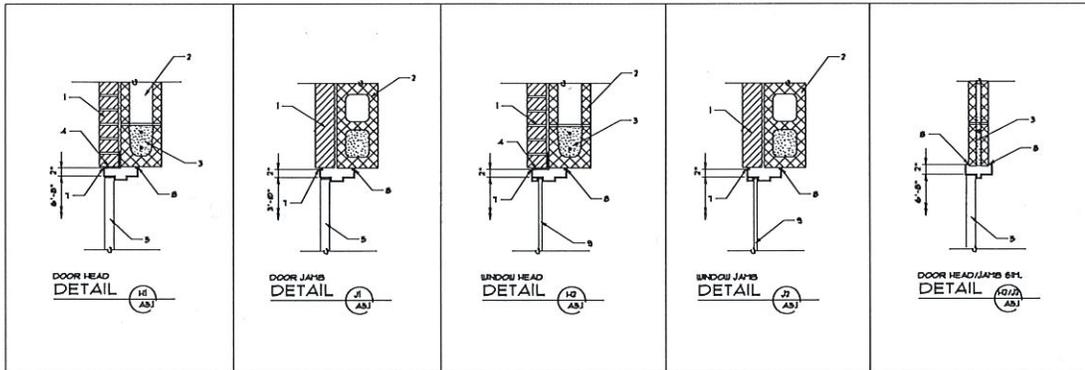
DOOR FRAME TYPES



WINDOW TYPES



DOOR TYPES



RECEIVED FOR CONSULTANT LOG

LOCAL PARK AND RECREATION FUND  
 THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
 RESTROOM / EQUIPMENT BUILDING  
**PEAY PARK SPLASH PAD**  
 GOODLETTSVILLE, TENNESSEE

PROJECT INFORMATION

DATE BY REVISION

DESIGNED BY JERRY W. REYNOLDS

APPROVED BY

JOB NO. 270208

DATE 05/09/08

SCALE

OPENINGS

GRAPHIC NUMBER

**A5.1**

CAD FILE NO.

**DRAWING NOTES**

1. BRICK VENEER AND CONCRETE MASONRY UNITS WITH ELASTOMERIC PAINT FINISH.
2. DECORATIVE DOOR SCREEN/SWAGGE, SEE DETAIL.
3. ROOF OVERHANG LINE.
4. PREFINISHED METAL ROOFING.
5. HOLLOW METAL PEDESTAL DOORFRAME.
6. EXISTING / FINISH GRADE, SEE CIVIL.
7. 1" X 1" FIBER-CEMENT FASCIA BOARD.
8. NEW FIBER-CEMENT SHINGLE GABLE SIDING.
9. EXISTING STAIRS.
10. WINDOWS.
11. NEW PREFINISHED METAL GUTTER AND DOWNSPOUT SYSTEM.
12. PRE-ENGINEERED AND BRICK-BUILT WOOD TRUSS.
13. FOAM INSULATION IN EAVE'S CORNER.
14. R-18 FIBERGLASS ATTIC INSULATION.
15. R-9 FIBERGLASS FOUNDATION INSULATION.
16. 4" CONCRETE SLAB ON 4" CRUSHED STONE, SEE STRUCTURAL.
17. CONCRETE TANK AND GRATING, SEE STRUCTURAL.
18. FIBERWOOD INSULATION BARRIER, 3" CLEAR.
19. EXISTING CONSTRUCTION TO REMAIN.
20. PLUMBING.
21. 4" CMU WALL WITH 3.5" X 8" CONCRETE LINTEL.

**Jerry W. Reynolds**  
Architect  
804 WEST CENTRAL TRAIL  
GOODLETTSVILLE, TN 37079-2017  
PHONE: (615) 856-0408



RECEIVED FOR R.O.C.

RECEIVED FOR EXHIBIT LOG

LOCAL PARK AND RECREATION FUND  
THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
RESTROOM / EQUIPMENT BUILDING  
**PEAY PARK SPLASH PAD**  
GOODLETTSVILLE, TENNESSEE

PROJECT INFORMATION

DATE BY REVISION

DESIGN BY JERRY W. REYNOLDS

APPROVED BY

JERRY W. REYNOLDS

DATE 8/10/08

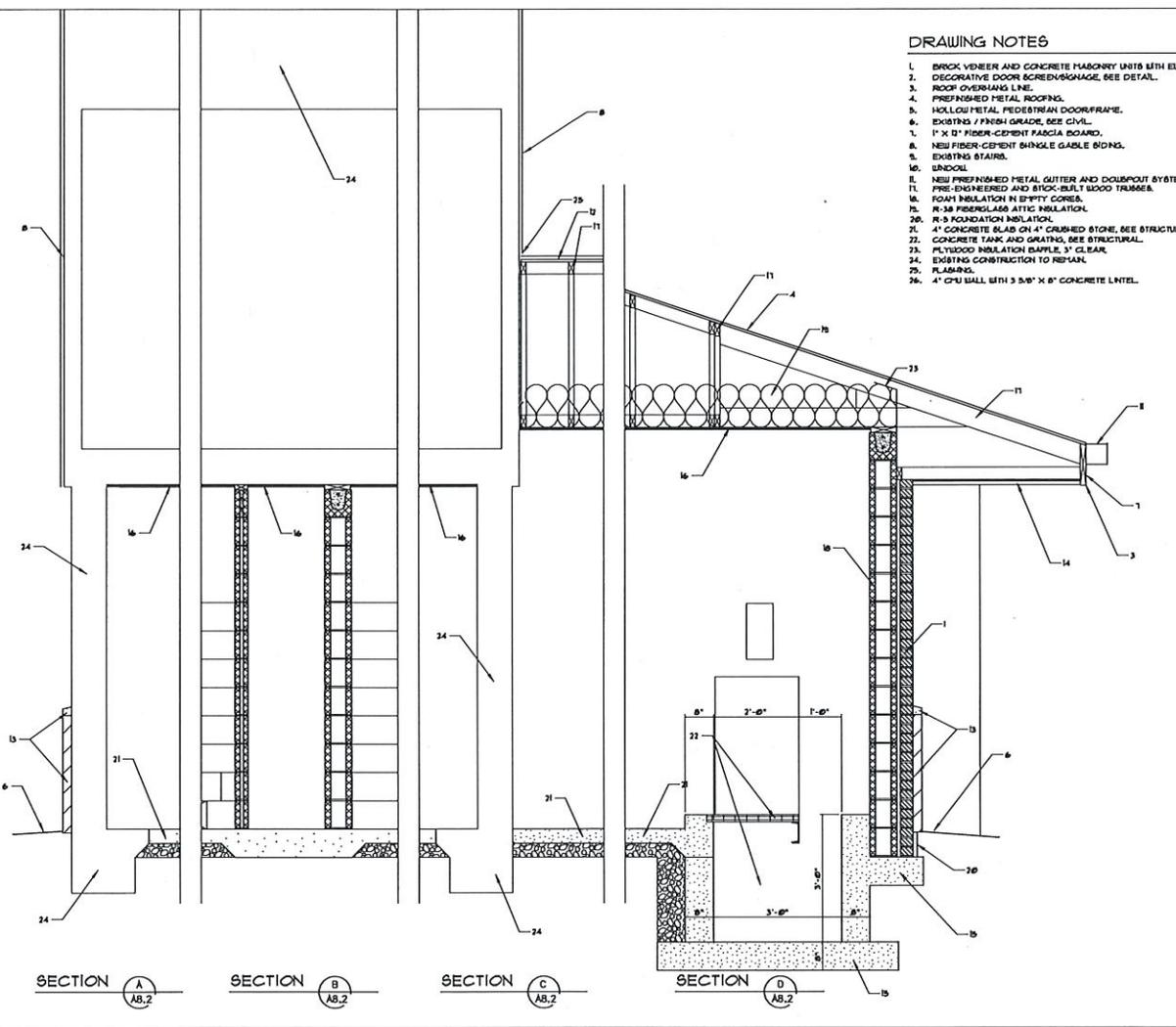
SCALE

WALL SECTIONS

DATE PLANNED

**A8.2**

CAD FILE NO.



SECTION A  
A8.2

SECTION B  
A8.2

SECTION C  
A8.2

SECTION D  
A8.2











GENERAL MECHANICAL SPECIFICATIONS	
FURNISH METAL, PIPING AND MAKE OPERATIVE ALL EQUIPMENT, MATERIALS, SUPERVISION LABOR AND PAY AND ALL BEING NECESSARY FOR THE PROPER INSTALLATION OF A COMPLETELY FUNCTIONING MECHANICAL SYSTEM AS SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN.	
EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. EQUALS SHALL BE ACCEPTED FOR EQUIPMENT UNLESS OTHERWISE NOTED.	
DRAWINGS, PARTS AND COPIES: THE RESPONSIBILITY AND LIABILITY COVERED BY THESE SPECIFICATIONS SHALL CONFORM TO ALL REGULATIONS OF ALL THE APPLICABLE FEDERAL AGENCIES AS REQUIRED FOR THE COMPLETE INSTALLATION OF THE MECHANICAL SYSTEM.	
THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, CONNECTION AND INSPECTION FEES AS REQUIRED FOR THE COMPLETE INSTALLATION OF THE MECHANICAL SYSTEM.	
THE LOCATION OF DUCTS, PIPES AND EQUIPMENT, AS SHOWN ON THE DRAWINGS, IS INFORMATIONAL AND SUBJECTIVE AND IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN WORKING DRAWING TO ELIMINATE ALL CONFLICTS AND AMBIGUITIES IN THE DRAWING.	
VERIFY ALL MEASUREMENTS AT THE SITE AND CORRECT ALL WORK SO THAT IT DOES NOT INTERFERE WITH THE WORK OF OTHER TRADES.	
INSULATION: ALL INSULATION INCLUDING JOISTS, ON PLUMB AND ADJACENT USED TO AVOID FISHING OF JOIST TO THE INSULATION SHALL HAVE A COMPOSITE FIRE AND SMOKE WOLDED BEING TESTED BY THE PROVISION RECOMMENDED BY ASHRAE 150 WITH TEST OF 150. THE INSULATION SHALL BE 2" R-10. SMOKE DEVELOPED SHALL BE 10% OF THE INSULATION. ACCESSORIES SHALL ALSO HAVE THE BEING LISTED ABOVE.	
SUPPLY AIR DUCT SHALL BE INSULATED EXTERIORLY WITH 3" MIN THICK, R-5, 0.75 PSF DENSITY FIBERGLASS INSULATION INCLUDING A VAPOR BARRIER.	
EXHAUST DUCT IS NOT REQUIRED TO BE INSULATED.	
ALL DUCTWORK SHALL BE CONSTRUCTED OF THE BEST BLIND GALVANIZED SHEET, FREE FROM BLASTERS AND IMPERFECTIONS AND WITH CORNERS, JOINTS, BRANCHES AND SUPPORTS BEING TESTED ACCORDING WITH STANDARD SPECIFICATIONS. DUCT SIZES SHOWN ON THE DRAWINGS ARE NET INSIDE CLEARANCES. SIZES SHALL BE CORRECTED FOR FITS. ROUND DUCTS SHALL BE 1/8" OVER SIZE. SQUARE DUCTS SHALL BE 1/8" OVER SIZE. SQUARE DUCTS SHALL BE 1/8" OVER SIZE. SQUARE DUCTS SHALL BE 1/8" OVER SIZE.	
FLEXIBLE DUCT SHALL NOT BE USED ON THIS PROJECT. ALL DUCTS AND FITTINGS SHALL BE TESTED WITH AN AIR LEAKAGE TEST.	
PROVIDE FLEXIBLE INTERMEDIATE DUCT CONNECTIONS ON THE INDOOR AND EXTERIOR SIZES OF ALL VENTING EQUIPMENT TO WHICH EXTERIOR IS ATTACHED.	
DUCT SIZES SHOWN ON DRAWINGS ARE NET INSIDE DIMENSIONS.	
DUCT SIZES SHOWN ON DRAWINGS ARE NET INSIDE DIMENSIONS.	
ALL PIPING, DUCTS, VENTS, ETC. EXTENDING FROM THE WALL SHALL BE FLASHED AND COUNTERSUNK IN A WEATHERPROOF MANNER. NO PIPING, DUCTS OR VENTS SHALL PENETRATE THE ROOF OF THIS STRUCTURE.	
ALL VALVES AND PRESS. SPECIFICATIONS SHALL BE THE LATEST UNLESS NOTED OTHERWISE - USE REDUCING REDUCERS ON CONTROL VALVES WHERE REQUIRED.	
METAL WALKING VOLUME CAPSIZES AT EACH BRANCH RUN-OUT.	
ALL LIGHTS SHALL BE BALANCED TO WITHIN 5% OF THE DESIGN AIR QUANTITY. BALANCE DIFFUSERS AND REDUCERS TO QUANTITIES SHOWN ON DRAWINGS.	
FRAMING CONTRACTOR SHALL LEAVE THE WORK IN PERFECT WORKING CONDITION AND SHALL GUARANTEE SAME FOR A PERIOD OF THREE (3) MONTHS FROM DATE OF FINAL ACCEPTANCE.	
IF BY THE NATURE OF THESE DRAWINGS TO COVER ALL WORK FOR A COMPLETE FIRST CLASS MECHANICAL INSTALLATION - ANY EQUIPMENT, TYPING MATERIALS AND/OR SERVICES LOCATED UNLESS IN THIS CLASS OF WORK, SHOULD NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT WHICH MAY BE NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK (AS DETERMINED BY THE CONSTRUCTION MANAGER) SHALL BE OBTAINED AND INSTALLED BY THE FRAMING CONTRACTOR AS PART OF HIS TRADE WORK.	

ELECTRIC HEATER SCHEDULE	
IDENTIFICATION	EH-1
MANUFACTURER	HEATED
SIZES	60A
HEAT CAPACITY (BTU)	12
SIZE (IN)	12" x 8"
VOLTAGE / PHASE	240/1/1
ACCESSORIES REQUIRED	A, B, C, D, E, F
NOTES:	
A:	UNIT SHALL BE UL LISTED
B:	TEMPERATURE PROTECTION
C:	OVER-CUR. PROTECT. ELEMENT
D:	30 VOLT TRANSFORMER
E:	FAN INTERLOCK
F:	APPLN. SWITCH

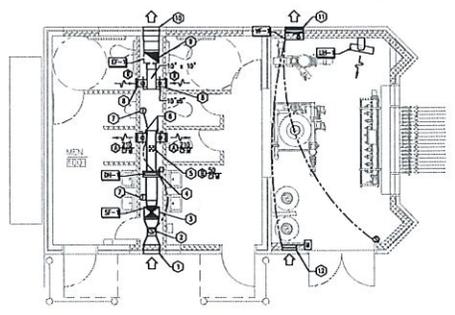
MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
(Symbol)	NEW SUPPLY AIR DUCTWORK
(Symbol)	NEW EXHAUST ELECTROPE
(Symbol)	MINOR VOLUME CAPPER
(Symbol)	SUPPLY FAN
(Symbol)	EXHAUST FAN
(Symbol)	AIR DISTRIBUTION IDENTIFICATION (REFER TO AIR DISTRIBUTION SCHEDULE)
(Symbol)	EQUIPMENT LABEL
(Symbol)	DUCT WORK, EXHAUST (SEE NOTES)
(Symbol)	WALL MOUNTED THERMOSTAT (SEE SCHEDULE)
(Symbol)	DUCT MOUNTED TEMPERATURE SENSOR
(Symbol)	DIRECTION OF AIR FLOW

FAN SCHEDULE			
FAN IDENTIFICATION	EF-1	EF-1	EF-1
MANUFACTURER	COOK	COOK	COOK
MODEL NUMBER	DM-422	DM-330	120110
SERVICE TYPE	TOTAL EXHAUST	WAKE-UP AIR SUPPLY	VENTILATION
FAN TYPE	30-LINE	30-LINE	30-LINE
CFM	425	475	800
HP	0.25	0.50	0.15
ROTOR	3.0	3.0	3.0
MOTOR HP	1/2 HP	1/2 HP	1/2 HP
VOLTAGE/PHASE	120/1/1	120/1/1	120/1/1
INSUL.	3/8 LINE	3/8 LINE	3/8 LINE
ACCESSORIES REQUIRED	A, B	A, C	A, B, D
ACCESSORIES:			
A:	INDOOR/OUT. DAMPER	C:	WALL MTD. THERMOSTAT
B:	SUPPORT FROM STRUCTURE	D:	WALL MTD. SWITCH
REMARKS:			
EF-1 TO BE CHECKED BY OCCUPANCY SENSORS IN RESTROOM.			
EF-1 TO BE CHECKED BY CO-2 & HUMIDITY SENSORS IN RESTROOM.			
EF-1 SHALL OPERATE INDEPENDENT OF			
EF-1 & F. ELEMENT ONLY FOR FAN			

AIR DISTRIBUTION SCHEDULE							
SYMBOL	AREA & MODEL #	DEVICE	FACE	SIZE	VOLUME CONTROL	COLLAR SIZE	REMARKS
(Symbol)	PRICE MOD. 910	SUPPLY	LAUNDRY	12" x 8"	-	-	SEE NOTES
(Symbol)	PRICE MOD. 911	SUPPLY	RESTROOM	8" x 4"	-	-	SEE NOTES
(Symbol)	PRICE MOD. 910H	RETURN GRILLE	LAUNDRY	12" x 8"	-	-	SEE NOTES
NOTES:							
1. AIR DEVICE COLORS TO BE SPECIFIED BY ARCHITECT							
2. PROVIDE SURFACE MTD. TYPE BOXES FOR OPERATED WALLS							
3. ALL AIR DEVICES TO BE HEAVY-DUTY STEEL CONSTRUCTION.							

**MECHANICAL DRAWING NOTES**

- FURNISH AND INSTALL BLIND BLEDTHRU 1/2" x 1/2" FRESH AIR BLOWN LOGS AS HIGH AS POSSIBLE WITHIN BRICK WALL AT BLASING EXTERIOR.
- DUCT MOUNTED TEMPERATURE SENSOR IN FRESH AIR DUCT TO ACTIVATE ELECTRIC DUCT HEATER WITH EXTERIOR AIR OR BLOW SIDE.
- SUPPLY FAN AND ASSOCIATED ELECTROPE INCLUDED WITH PLUMBING OVERHEAD/UNDER.
- ELECTRIC DUCT HEATER (ELECT-1) LOCATED TO PROTECT FROM REHEATED DUCT LOGS BEFORE AND AFTER HEATER.
- SUPPLY AIR SHALL BE HEATED ON BOTTOM OF DUCT WITH INTERNAL DAMPER. BALANCE TO AVOID EXCESSIVE HEATING.
- EXTEND 1/2" BRANCH SUPPLY DUCT TO CONNECT TO 1/2" SUPPLY GRILLE. BALANCE TO AVOID EXCESSIVE HEATING.
- WALL MOUNTED THERMOSTAT LOCATED WITHIN PLUMBING OVERHEAD/UNDER TO ACTIVATE SUPPLY FAN AND HEATER WITH SPACE TEMPERATURE. 6. BLOW SIDE. BLOWDOWN DAMPER. SHALL OPERATE OCCUPANCY SENSORS CONTROL OF SUPPLY AIR SUPPLY FAN.
- HEAVY DUTY STEEL EXHAUST GRILLE (ELECT-1) WITH WALL SUPPLY. EXHAUST DUCT POWERED BY SUPPLY FAN. BLOW DOWN SIDE (SEE COORDINATE WITH ELECTRICAL).
- DAMPER FAN AND ASSOCIATED ELECTROPE INCLUDED WITH PLUMBING OVERHEAD/UNDER.
- FURNISH AND INSTALL BLIND BLEDTHRU 1/2" x 1/2" EXHAUST AIR BLOWN LOGS AS HIGH AS POSSIBLE WITHIN BRICK WALL AT BLASING EXTERIOR.
- BLIND LOGS 12" x 12" STEEL, STATIONARY EXHAUST LOWER INSTALLED AT FAN EXHAUST IN EXTERIOR WALL.
- BLIND ELEMENTS 12" x 12" ALUMINUM INSIDE COVERED WITH 1/2" BLAS 1/2" FREE AREA. BLOWDOWN, WALL MOUNTED, AND MOUNTED ACTUATOR TO INTERLOCK WITH VENTILATION FAN 10-1.



**MECHANICAL FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

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PROJECT INFORMATION	
NO. DATE	BY / REVISION
DESIGNED BY	WAB / RBT
APPROVED BY	EDB
DATE	12/20/2010
SCALE	NOTED

MECHANICAL FLOOR PLAN  
DRAWING NAME  
**M1.0**  
CADD FILE NO.





