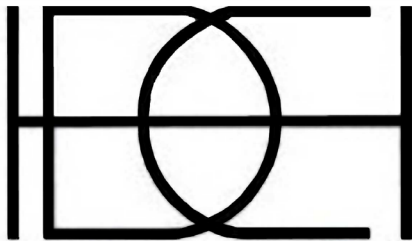


PROJECT MANUAL

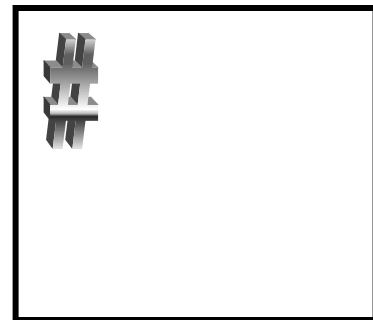
Renovation for:
LARUE COUNTY
SENIOR CITIZENS CENTER
Hodgenville, Kentucky



DAVID C. HENNEN
ARCHITECT

343 East Main Street, Lebanon KY 40033

DATE: November 20, 2023



PROJECT MANUAL FOR THE RENOVATION OF:
LARUE COUNTY SENIOR CITIZENS CENTER
112 NORTH WALTERS AVENUE, HODGENVILLE KY 42748

Owner: LaRue County Fiscal Court
209 West High Street, Suite 4
Hodgenville, Kentucky 42748

Architect: David C. Hennen, Architect, PLC
343 East Main Street
Lebanon, Kentucky 40033
(270) 634-8153 dchennen@yahoo.com

Project Architect: David C. Hennen

Mechanical Engineer: Harvard B. Johnson, PE
336 Collett Bridge Road
Alvaton, Kentucky 42122
harvardbeneng@gmail.com

Electrical Engineer: Harvard B. Johnson, PE

I HEREBY CERTIFY THAT THIS SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION
AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAW OF THE STATE OF KENTUCKY.



DAVID C. HENNEN



6605
REGISTRATION NUMBER

11-09-2022

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DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS

00 10 00 GENERAL PROJECT INFORMATION

Location: 112 North Walters Avenue, Hodgenville, Kentucky 42748

List of Contracts

Contract: General Construction (inclusive of all divisions 0-10, 15 &16)

Description: Renovation (mostly interior) of approximately 4,300 square-foot (with canopy), single-story Senior Center (A-3 occupancy), to include:

1. New finishes: flooring/base, suspended ceilings, and painted walls.
2. New computer area to include new solid surface counter top
3. New solid surface countertops at kitchen
4. New doors/hardware as required for remodel and for safe exiting
5. New hand-free access control for main entrance
6. New hands-free toilet and lavatory fixtures
7. New HVAC with all new ducts and split systems with enhanced filtration and UV purification
8. New hands-free room lighting controls throughout
9. New energy-efficient LED lighting fixtures throughout interior and exterior

Surveys, Permits and Regulations:

Unless otherwise expressly provided for in the specifications, the Owner will furnish the Contractor all surveys necessary for the execution of the work.

The Owner shall obtain zoning approvals, and building permits prior to the submission of bids. The Contractor shall procure and pay all other permits, licenses and approvals (plumbing review, structural component review, special inspections and testing, etc.) necessary for the execution of the work.

The Contractor shall comply with all laws, ordinances, rules, orders and regulations relating to performance of the work, the protection of adjacent property and the maintenance of passageways, guard fences or other protective facilities.

Grant No. CDBG 21-022

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

00 11 13 ADVERTISEMENT FOR BIDS

Grant No./Project No. CDBG 21-022

LaRue County Fiscal Court
(Owner)

Separate sealed bids for General Construction (including all divisions 0-10, 15-16) for remodeling of the existing LaRue County Senior Citizens Center, 112 North Walters Ave., Hodgenville Kentucky 42748

Will be received by Mr. Blake Durrett at the office of LaRue County Judge Executive, 209 West High Street, Suite 4, Hodgenville, Kentucky 42748

Until 2:00 o'clock P.M. (E.S.T.), Monday, December 18, 2023, and then at said office publicly opened and read aloud.

The Information for Bidders, Form of Bid, Form of Contract, Plans, Specifications and Forms of Bid Bond, Performance and Payment Bond, and other contract documents may be examined at the following:

1. Offices of the LaRue County Judge Executive, 209 West High Street, Suite 4, Hodgenville, Kentucky 42748
2. Builders Exchange of Kentucky, Inc. 2300 Meadow Drive #100, Louisville, Kentucky 40218

Copies may be obtained at Lynn Imaging.com/distribution located at 11460 Bluegrass Parkway, Louisville, Kentucky 40299 OR 328 old Vine Street, Lexington, Kentucky 40507, upon payment of \$ FREE (for digital download) or paid by Bidder, as required, directly to Lynn Imaging for hard copies and shipping for each set.

The Owner reserves the right to waive any informalities or to reject any or all bids. Each bidder must deposit his bid security in the amount, form and subject to the conditions provided in the Information for Bidders.

Attention of bidders is particularly called to the requirements as to conditions of employment to be observed and minimum wage rates to be paid under the contract. These include Section 3, Segregated Facility, Section 109 and E.O. 11246. Further, Title VI Minority bidders are encouraged to bid.

No bidder may withdraw his bid within 30 days after the actual date of the opening thereof.

A Pre-Bid Meeting will be conducted at the site (112 North Walters Ave., Hodgenville Kentucky 42748 112 North Walters Ave., Hodgenville Kentucky 42748) at 10:00 a.m. EST, on Monday, December 4, 2023. Failure to attend the Pre-Bid meeting would be sufficient grounds for disqualifying a bidder (but may be waived at the discretion of the Owner).

"EQUAL EMPLOYMENT OPPORTUNITY"

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

00 21 13 INFORMATION FOR BIDDERS

1. Receipt and Opening of Bids:

The LaRue County Fiscal Court (herein called the "Owner"), invites bids on the form attached hereto, all blanks of which must be appropriately filled in. Bids will be received by the Owner at the office of City Hall, 240 West Main Street, Lebanon, Kentucky 40033 until 2:00 p.m., EST, Monday, December 18, 2023, and then at said office publicly opened and read aloud. The envelopes containing the bids must be sealed and addressed to LaRue County Judge Executive at 209 West High Street, Suite 4, Hodgenville, Kentucky 42748 and designated as bid for LaRue County Senior Citizens Center.

The Owner may consider informal any bid not prepared and submitted in accordance with the provisions hereof and may waive any informalities or reject any and all bids. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within 30 days after the date of the opening thereof.

2. Preparation of Bid: Each bid must be submitted on the prescribed form and accompanied by Certification of Bidder Regarding Equal Employment Opportunity, Form 950.1; Certification of Bidder (Contractor) Concerning Labor Standards and Prevailing Wage Requirements, Form 1421; Certification of Bidder Regarding Section 3 and Segregated Facilities; and Contractor Eligibility Certification Regarding Debarment, Suspension and Other Responsibilities. All blank spaces for bid prices must be filled in, in ink or typewritten, in both words and figures, and the foregoing Certifications must be fully completed and executed when submitted. Bid package shall also include all required qualification information, as outlined in paragraph 19 (below).

Each bid must be submitted in a sealed envelope bearing on the outside the name of the bidder, his/her address, and the name of the project for which the bid is submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed as specified in the bid form.

3. Subcontracts: The bidder is specifically advised that any person, firm, or other party to whom it is proposed to award a subcontract under this contract:

- a. Must be acceptable to the Owner and have current eligibility status for federal programs; and
- b. Must submit Form 950.2, Certification by Proposed Subcontractor Regarding Equal Employment Opportunity, Certification of Proposed Subcontractor Regarding Section 3 and Segregated Facilities, and Subcontractor Eligibility Certification Regarding Debarment, Suspension and Other Responsibilities. Approval of the proposed subcontract award cannot be given by the Owner unless and until the proposed subcontractor has submitted the Certifications and/or other evidence showing that it has fully complied with any reporting requirements to which it is or was subject. Although the bidder is not required to attach such Certifications by proposed subcontractors to his/her bid, the bidder is here advised of this requirement so that appropriate action can be taken to prevent subsequent delay in subcontract awards.

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

4. Electronic/Facsimile Modification: Any bidder may modify his/her bid by electronic or facsimile communication at any time prior to the scheduled closing time for receipt of bids, provided such communication is received by the Owner prior to the closing time, and provided further, the Owner is satisfied that a written confirmation of the electronic/facsimile modification over the signature of the bidder was mailed prior to the closing time. The communication should not reveal the bid price but should provide the addition or subtraction or other modification so that the final prices or terms will not be known by the Owner until the sealed bid is opened. If written confirmation is received within two days from the closing time, no consideration will be given to the electronic/facsimile modification.
5. Method of Bidding: The Owner invites the following bid(s):

Renovation of existing Senior Citizens Center of approximately 4,300 sq. ft. (General Construction inclusive of all contract divisions 0-10, 15-16).
6. Qualifications of Bidder: The Owner may make such investigations as he/she 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 contract and to complete the work contemplated therein. Conditional bids will not be accepted.
7. Bid Security: Each bid must be accompanied by cash, certified check of the bidder, or a bid bond prepared on the Bid Bond Form attached hereto, duly executed by the bidder as principal and having as surety thereon a surety company approved by the Owner, in the amount of 5% of the bid. Such cash, checks or bid bonds will be returned promptly after the Owner and the accepted bidder have executed the contract, or if no award has been made within 30 days after the date of the opening of bids, upon demand of the bidder at any time thereafter, so long as he/she has not been notified of the acceptance of his/her bid.
8. Liquidated Damages for Failure to Enter into Contract: The successful bidder, upon his/her failure or refusal to execute and deliver the contract and bonds required within 30 days after s/he has received notice of the acceptance of his/her bid, shall forfeit to the Owner, as liquidated damages for such failure or refusal, the security deposited with his/her bid.
9. Time of Completion and Liquidated Damages: Bidder must agree to commence work on or before a date to be specified in a written "Notice to Proceed" of the Owner and to fully complete the project within 240 consecutive calendar days thereafter. Bidder must agree also to pay as liquidated damages, the sum of \$ 100 for each consecutive calendar day thereafter as hereinafter provided in the General Conditions.
10. Conditions of Work: Each bidder must inform him/herself fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of his/her obligation to furnish all material and labor necessary to carry out the provisions of his/her contract. Insofar as possible, the contractor, in carrying out the work, must employ such methods or means as will not cause any interruption of or interference with the work of any other contractor.

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

11. Addenda and Interpretations: No interpretation of the meaning of the plans, specifications or other pre-bid documents will be made to any bidder orally.

Every request for such interpretation should be in writing addressed to:

David C. Hennen, Architect at 343 East Main Street, Lebanon, Kentucky 40033
(dchennen@yahoo.com)

and to be given consideration must be received at least FIVE (5) days prior to the date fixed for the opening of bids. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications which, if issued, will be electronically distributed (or mailed by certified mail with return receipt requested) to all prospective bidders (at the respective addresses furnished for such purposes), not later than three days prior to the date fixed for the opening of bids. Failure of any bidder to receive any such addendum or interpretation shall not relieve such bidder from any obligation under his/her bid as submitted. All addenda so issued shall become part of the contract documents.

12. Security for Faithful Performance: Simultaneously with his/her delivery of the executed contract, the contractor shall furnish a surety bond or bonds as security for faithful performance of this contract and for the payment of all persons performing labor on the project under this contract and furnishing materials in connection with this contract, as specified in the General Conditions included herein. The surety on such bond or bonds shall be a duly authorized surety company satisfactory to the Owner.
13. Power of Attorney: Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.
14. Notice of Special Conditions: Attention is particularly called to those parts of the contract documents and specifications which deal with the following:
- a. Inspection and testing of materials.
 - b. Insurance requirements.
 - c. Wage rates
 - d. Stated allowances
15. Laws and Regulations: The bidder's attention is directed to the fact that all applicable State laws, municipal ordinances and the rules and regulations of all authorities having jurisdiction over construction of the project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written in full.
16. Method of Award - Lowest Qualified Bidder: If at the time this contract is to be awarded, the lowest base bid submitted by a responsible bidder does not exceed the amount of funds then estimated by the Owner as available to finance the contract, the contract will be awarded on the base bid only. If such bid exceeds such amount, the Owner may reject all bids or may award the contract on the base bid combined with such deductible alternates applied in numerical order in which they are listed in the Form of Bid, as produces a net amount which is within the available funds. If all bids exceed funds available to finance the contract once all deductive alternatives have been applied, the owner may enter into negotiations with the three (3) lowest bidders. The only factor subject to negotiation, however, is price.

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

17. Obligation of Bidder: At the time of the opening of bids each bidder will be presumed to have inspected the site and to have read and to be thoroughly familiar with the plans and contract documents (including all addenda). The failure or omission of any bidder to examine any form, instrument or document shall in no way relieve any bidder from any obligation in respect of his/her bid.
18. Safety Standards and Accident Prevention: With respect to all work performed under this contract, the contractor shall:
- a. Comply with the safety standards provisions of applicable Laws, building and construction codes and the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America, the requirements of the Occupational Safety and Health Act of 1970 (Public Law 91-596), and the requirements of Title 29 of the Code of Federal Regulations, Section 1518 as published in the "Federal Register", Volume 36, No.75, Saturday, April 17, 1971.
 - b. Exercise every precaution at all times for the prevention of accidents and the protection of persons (including employees) and property.
 - c. Maintain at his/her office or other well-known place at the job site, all articles necessary for giving first aid to the injured, and shall make standing arrangements for the immediate removal to a hospital or a doctor's care of persons (including employees), who may be injured on the job site before the employer has made a standing arrangement for removal of injured persons to a hospital or a doctor's care.
19. Bidder Qualifications: Each Bidder MUST submit with their bid the following information:
- a. License information for the Contractor, and major subcontractors
 - b. Certificate(s) of Insurance
20. Pre-Bid Meeting: A Pre-Bid meeting will be conducted at site Two (2) weeks prior to the deadline for the receipt of bids (10:00 a.m. EST, Monday, December 4, 2023). The Architect and Owner's Representative will be present. All bidders are encouraged to attend, inspect the existing site conditions and ask questions. The Architect will note any questions that are raised at the Pre-Bid Meeting (or after) and will distribute a summary of questions and clarifications to all attendees within Seven (7) days of the Pre-Bid Meeting to all contractors in attendance, or who have directly requested plans or indicated their intention to bid by contacting the Architect. Failure to attend the Pre-Bid meeting would be sufficient grounds for disqualifying a bidder (but may be waived at the discretion of the Owner).
21. Jobsite Sign: A temporary black and white construction sign shall be required to be supplied and installed by the contractor on a 4'-0" x 8'-0" x 3/4" plywood panel (APA rated A-B grade – Exterior). The sign shall be in the format (with graphics and text) as provided by the Office of the Governor and Department of Local Government (to be provided), and shall include the following information: Project Title, Project Sponsor (County Government), Sponsor Address, Architect, and Contractor.

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

00 41 00 BID BOND FORM

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____
_____ as Principal, and _____ as Surety, are
hereby held and firmly bound unto _____ as owner in the penal sum
of _____ for the payment of which, well and truly to be made, we
hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and
assigns. Signed this _____ day of _____, 20____.

The Condition of the above obligation is such that whereas the Principal has submitted to _____
_____ a certain Bid, attached hereto and hereby made a part hereof to
enter into a contract in writing, for the _____

Now, THEREFORE,

- a. If said Bid shall be rejected, or in the alternate; or
- b. If said Bid shall be accepted and the Principal shall execute and deliver a contract in the
Form of Contract attached hereto (properly completed in accordance with said Bid) and
shall furnish a bond for his faithful performance of said contract, and for the payment of
all persons performing labor or furnishing materials in connection therewith, and shall in
all other respects perform the agreement created by the acceptance of said Bid...

Then, this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly
understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event,
exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety, and its
bond shall be in no way impaired or affected by any extension of the time within which the Owner may
accept such Bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and
such of them as are corporations have caused their corporate seals to be hereto affixed and these
presents to be signed by their proper officers, the day and year first set forth above.

Principal

Surety

SEAL

By: _____

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

00 41 13 BID FORM (FOR LUMP SUM CONTRACTS)

Place _____

Date _____

Project No. _____

Proposal of _____ (hereinafter called "Bidder")

(a _____ corporation/ a partnership/ an individual doing business as
(State) _____)

To the _____ LaRue County Fiscal Court _____
(hereinafter called "Owner")

Gentlemen:

The Bidder, in compliance with your invitation for bids for the construction of a _____

Having examined the plans and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposal project including the availability of materials and labor, hereby processes 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 prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents of which this proposal is a part.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the project within 240 consecutive calendar day thereafter as stipulated in the specifications. Bidder further agrees to pay as liquidated damages, the sum of \$ 100 for each consecutive calendar day thereafter as hereinafter provided in Paragraph 19 of the General Conditions.

Bidder acknowledges receipt of the following addenda(um):

BID FOR LUMP SUM CONTRACTS (Page 1 of 3)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

BASE PROPOSAL: Bidder agrees to perform all of the _____
_____ work described in the specifications and shown on
the plans for the sum of _____
(\$ _____) (Amount shall be shown in both words and figures.) In
case of discrepancy, the amount shown in words will govern.

ALTERNATE PROPOSALS:

Alternate No. 1: Deduct ALL Mat./Labor for Plumbing Fixtures & Controls (Sheets P-1& P-2).

Deduct the sum of _____ (\$ _____)

Alternate No. 2: Deduct ALL Mat./Labor for Electrical Work (Sheets E-1, E-2, E-3 & E-4)

Deduct the sum of _____ (\$ _____)

Voluntary Alternate No. 3: _____

Add/Deduct the sum of _____ (\$ _____)

UNIT PRICES:

For changed quantities of work items from those indicated by the contract drawings upon written instructions from the Architect/Engineer, the following unit prices shall prevail:

- | | |
|--|----------------|
| 1. <u>Rock/Concrete/Debris Excavation/Demolition</u> | \$ _____ /C.Y. |
| 2. <u>Debris Hauling</u> | \$ _____ /C.Y. |
| 3. <u>Granular Fill</u> | \$ _____ /C.Y. |

The above unit prices shall include labor, materials, bailing, shoring, removal, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for. Changes shall be processed in accordance with paragraph 17 (a) of the General Conditions.

BID FOR LUMP SUM CONTRACTS (Page 2 of 3)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.

The bidder agrees that this bid shall be good and may not be withdrawn for a period of 30 calendar days after the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this bid, bidder will execute the formal contract attached within 10 days and deliver a Surety Bond or Bonds as required by Paragraph 29 of the General Conditions. The bid security attached in the sum of

(\$ _____)

is to become the property of the Owner in the event the contract and bond are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the Owner caused thereby.

Respectfully submitted:

By _____
(Signature)

(SEAL – if bid is by a corporation)

(Title)

(Business Address and Zip Code)

BID FOR LUMP SUM CONTRACTS (Page 3 of 3)

PROCUREMENT AND CONTRACTING REQUIREMENTS**00 45 30 CERTIFICATION OF BIDDER REGARDING EQUAL
OPPORTUNITY****CERTIFICATION OF BIDDER****REGARDING EQUAL EMPLOYMENT OPPORTUNITY**

Instructions

This certification is required pursuant to Executive Order 11246 (30 F.R. 12319-25). The Implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause, and if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

For contracts over \$10,000, the Contractor agrees that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. "Segregated facilities," as used in this clause, means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees, that are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, sex, sexual orientation, gender identity or national origin because of written or oral policies or employee custom. The term does not include separate or single-user rest rooms or necessary dressing or sleeping areas provided to assure privacy between the sexes. The Contractor agrees that a breach of this clause is a violation of the Equal Opportunity clause in this contract. The Contractor shall include this clause in every subcontract and purchase order that is subject to the Equal Opportunity clause of this contract.

Gender identity and *Sexual Orientation* have the meanings given by the Department of Labor's Office of Federal Contract Compliance Programs, and are found at www.dol.gov/ofccp/LGBT/LGBT_Faq's.html.

OPPORTUNITY (Page 1 of 2)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

| | |
|---|------|
| Certification by Bidder | |
| Name and Address of Bidder (include zip code) | |
| <p>1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.</p> <p style="text-align: center;">Yes No</p> | |
| <p>2. All required compliance reports were filed in connection with such contract or subcontract.</p> <p style="text-align: center;">Yes No</p> | |
| <p>3. Bidder has filed all compliance reports due under applicable instructions, including Monthly Employment Utilization Report (257)</p> <p style="text-align: center;">Yes No None Required</p> | |
| <p>4. Have you ever been or are you being considered for sanction due to violation of Executive Order 11246, as amended?</p> <p style="text-align: center;">Yes No</p> | |
| <p>5. Bidder certifies that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control where segregated facilities are maintained.</p> | |
| Name and Title of Signer (please type) | |
| Signature | Date |

OPPORTUNITY (Page 2 of 2)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

00 45 33 CERTIFICATION OF BIDDER REGARDING SECTION 3 (SAMPLE)

Name of Prime Contractor

LaRue County Senior Citizens Center

Project Name

Project Number

The undersigned hereby certifies that:

- a. Section 3 provisions are included in the Contract.
- b. If bid exceeds \$100,000, a Contractor Section 3 Plan was prepared and submitted as part of the bid proceedings.

Name & Title of Signer (print or type)

Signature

Date

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

00 45 34 CONTRACTOR SECTION 3 PLAN FORMAT (if bid exceeds \$100,000)

(Name of Contractor) agrees to

implement the following specific affirmative action steps directed at increasing the utilization of lower income residents and businesses within the City of Hodgenville, KY.

- A. To ascertain from the locality's CDBG program official the exact boundaries of the Section 3 covered project area and where advantageous, seek the assistance of local officials in preparing and implementing the Section 3 Plan.
- B. To attempt to recruit from within the city the necessary number of lower income residents through: Local advertising media, signs placed at the proposed site for the project, and community organizations and public or private institutions operating within or serving the project area such as Service Employment and Redevelopment (SER), Opportunities Industrialization Center (OIC), Urban League, Concentrated Employment Program, Hometown Plan, or the U.S. Employment Service.
- C. To maintain a list of all lower-income residents who have applied either on their own or on referral from any source, and to employ such persons, if otherwise eligible and if a vacancy exists.
- D. To insert this Section 3 plan in all bid documents, and to require all bidders on subcontracts to submit a Section 3 plan including utilization goals and the specific steps planned to accomplish these goals.
*
- E. To insure that subcontract which are typically let on a negotiated rather than a bid basis in areas other than Section 3 covered project areas, are also let on a negotiated basis, whenever feasible, when let in a Section 3 covered project area.*
- F. To formally contact unions, subcontractors and trade associations to secure their cooperation for this program.
- G. To insure that all appropriate project area business concerns are notified of pending subcontractual opportunities.
- H. To maintain records, including copies of correspondence, memoranda, etc., which document that all of the above affirmative action steps have been taken.
- I. To appoint or recruit an executive official of the company or agency as Equal Opportunity Officer to coordinate the implementation of this Section 3 plan.
- J. To list on Table A, information related to subcontracts to be awarded.
- K. To list on Table B, all projected workforce needs for all phases of this project by occupation, trade, skill level and number of positions.

* Loans, grants, contracts and subsidies for \$100,000 or less than \$100,000 will be exempt.

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

As officers and representatives of _____
(Name of Contractor)

We the undersigned have read and fully agree to this Section 3 Plan, and become a party to the full implementation of this program.

Signature

Title

Date

Signature

Title

Date

00 45 34 CONTRACTOR SECTION 3 PLAN FORMAT (if bid exceeds \$100,000) (Page 2 of 5)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

TABLE A

Proposed subcontracts breakdown for the period covering _____ through _____
(Duration of the CDBG-Assisted Project)

| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
|--|---------------------------------|-------------------------------------|--|---|
| TYPE OF CONTRACT (BUSINESS OR PROFESSION) | TOTAL NUMBER OF CONTRACTS | TOTAL APPROXIMATE DOLLAR AMT. | ESTIMATED NO. OF CONTRACTS TO SECTION 3 BUSINESSES* | ESTIMATE DOLLAR AMT. TO SECTION 3 BUSINESSES |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

* A Section 3 business is: one that is owned by Section 3 residents (low and very low income residents of the project area, public housing residents or persons with disabilities); one that employs Section 3 residents; or one that subcontracts to businesses that provide opportunities for low and very low income residents.

The Project Area is coextensive with the City/County of _____'s boundaries.

Company

Project Name

Project Number

EEO Officer-Signature

Date

00 45 34 CONTRACTOR SECTION 3 PLAN FORMAT (if bid exceeds \$100,000) (Page 3 of 5)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

TABLE B

Estimated Project Workforce Breakdown

| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
|------------------------------------|---------------------------------|---|--|---|
| JOB CATEGORY | TOTAL ESTIMATED POSITIONS | NO. POSITIONS CURRENTLY OCCUPIED BY PERMANENT EMPLOYEES | NO. POSITIONS NOT CURRENTLY OCCUPIED BY PERMANENT EMPLOYEES | NO. POSITIONS TO BE FILLED WITH SECTION 3 RESIDENTS* |
| OFFICERS SUPERVISORS | | | | |
| PROFESSIONALS | | | | |
| TECHNICIANS | | | | |
| HOUSING SALES RENTAL/MANAGEMENT | | | | |
| OFFICE CLERICAL | | | | |
| SERVICE WORKERS | | | | |
| OTHERS | | | | |

TRADE:

| | | | | |
|-------------------------|--|--|--|--|
| JOURNEYMEN | | | | |
| HELPERS | | | | |
| APPRENTICES | | | | |
| MAXIMUM NO. TRAINEES | | | | |
| OTHERS | | | | |

TRADE:

| | | | | |
|-------------------------|--|--|--|--|
| JOURNEYMEN | | | | |
| HELPERS | | | | |
| APPRENTICES | | | | |
| MAXIMUM NO. TRAINEES | | | | |
| OTHERS | | | | |

00 45 34 CONTRACTOR SECTION 3 PLAN FORMAT (if bid exceeds \$100,000) (Page 4 of 5)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

TRADE:

| | | | | |
|-------------------------|--|--|--|--|
| JOURNEYMEN | | | | |
| HELPERS | | | | |
| APPRENTICES | | | | |
| MAXIMUM NO. TRAINEES | | | | |
| OTHERS | | | | |

* Section 3 residents include low and very low income persons who live in the project area, public housing residents and persons with disabilities.

Company

Project Name

Project Number

EEO Officer-Signature

Date

PROCUREMENT AND CONTRACTING REQUIREMENTS

**00 45 45 Contractor's Certification Concerning Labor Standards and
Prevailing Wage Requirements**

| | |
|-----------------------------|-------------------------|
| TO (Appropriate Recipient): | DATE |
| C/O | PROJECT NUMBER (if any) |
| | PROJECT NAME |

1. The undersigned, having executed a contract with _____ for the construction of the above identified project, acknowledges that:
 - (a) The Labor Standards provisions are included in the aforesaid contract;
 - (b) Prevailing wage requirements are followed, including paying the higher of the Federal or State wage rate by labor classification.
 - (c) Correction of any infractions of the aforesaid conditions, including infractions by any of his subcontractors and any lower tier subcontractors, is his responsibility.

2. He certifies that:
 - (a) Neither he nor any firm, partnership or association in which he has substantial interest is designated as an ineligible contractor by the Comptroller of the United States pursuant to Section 5.6(b) of the Regulations of the Secretary of Labor., Part 5 (29 CFR, Part 5) or pursuant to Section 3(a) of the Davis-Bacon Act, as amended (40 U.S. C. 276a-2(a)).
 - (b) No part of the aforementioned contract has been or will be subcontracted to any subcontractor if such subcontractor or any firm, corporation, partnership or association in which such subcontractor has a substantial interest is designed as an ineligible contractor pursuant to any of the aforementioned regulatory or statutory provisions.

3. He agrees to obtain and forward to the aforementioned recipient within ten days after the execution of any subcontract, including those executed by his subcontractors and any lower tier subcontractors, a Subcontractor's Certification Concerning Labor Standards and Prevailing Wage Requirements executed by the subcontractors.

4. He certifies that:
 - (a) The legal name and the business address of the undersigned are:

PROCUREMENT AND CONTRACTING REQUIREMENTS

Labor Standards and Prevailing Wage Requirements (page 1 of 2)

(b) The undersigned is:

| | |
|-----------------------------|---|
| (1) A SINGLE PROPRIETORSHIP | (3) A CORPORATION ORGANIZED IN THE STATE OF: |
| (2) A PARTNERSHIP | (4) OTHER ORGANIZATION (Describe) |

(c) The name, title and address of the owner, partners, or officers of the undersigned are:

| NAME | TITLE | ADDRESS |
|------|-------|---------|
| | | |
| | | |
| | | |

(d) The names and addresses of all other persons, both natural and corporate, having a substantial interest in the undersigned, and the nature of the interest are (if none, so state)

| NAME | ADDRESS | NATURE OF INTENT |
|------|---------|------------------|
| | | |
| | | |
| | | |

(e) The names, addresses and trade classifications of all other building construction contractors in which undersigned ha a substantial interest (if none, so state):

| NAME | ADDRESS | TRADE CLASSIFICATION |
|------|---------|----------------------|
| | | |
| | | |
| | | |

Date _____ (Contractor)

By: _____

WARNING

U.S. Criminal Code, Section 1010, Title 18, U.S. C., provides in part: "Whoever makes, passes, utters, or publishes any statement knowing the same to be false..... shall be fined not more than \$5,000 or imprisoned not more than two years, or both."

Labor Standards and Prevailing Wage Requirements (page 2 of 2)

David C. Hennen, Architect, PLC
Project #2114

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LaRue County Senior Center
Hodgenville, Kentucky

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

00 52 13 CONTRACT FORM

THIS AGREEMENT, made this _____ day of _____, 20____, by and between

Larue County Fiscal Court
(Corporate Name of Owner), Herein called "Owner,"

herein through its _____, and

STRIKE OUT (a corporation) _____ (a partnership)
INAPPLICABLE (an individual doing business as _____
TERMS _____

of _____, County of _____, and State of _____
hereinafter called "Contractor"

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the OWNER, the CONTRACTOR hereby agrees with the OWNER to commence and complete the construction as described as follows:

Work includes the Renovation of a **4,300** square foot **Senior Citizens Center** building. Includes:

1. New finishes: flooring/base, suspended ceilings, and painted walls.
2. New computer area to include new solid surface counter top
3. New solid surface countertops at kitchen
4. New doors/hardware as required for remodel and for safe exiting
5. New hand-free access control for main entrance
6. New hands-free toilet and lavatory fixtures
7. New HVAC with all new ducts and split systems with enhanced filtration and UV purification
8. New hands-free room lighting controls throughout
9. New energy-efficient LED lighting fixtures throughout interior and exterior

hereinafter called the project, for the sum of _____ Dollars (\$ _____) and all extra work in connection therewith, under the terms as stated in the General and Special Conditions of the Contract; and at his (its or their) own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance, and other accessories and services necessary to complete the said project in accordance with the conditions and prices stated in the Proposal, the General Conditions, Supplemental General Conditions and Special Conditions of the Contract, the plans, which include all maps, plats, blue prints and other drawings and printed or written explanatory matter thereof, the specifications and contract documents therefore as prepared by _____ David C. Hennen, Architect, PLC _____, herein entitled the Architect/ Engineer, and as enumerated in Paragraph 1 of the Supplemental General Conditions, all of which are made a part hereof and collectively evidence and constitute the contract.

Contract Form (page 1 of 2)

David C. Hennen, Architect, PLC
Project #2114

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LaRue County Senior Center
Hodgenville, Kentucky

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PROCUREMENT AND CONTRACTING REQUIREMENTS

The Contractor hereby agrees to commence work under this contract on or before a date to be specified in written "Notice to Proceed" of the OWNER and to fully complete the project within 240 consecutive calendar days thereafter. The Contractor further agrees to pay, as liquidated damages, the sum of \$ 100 for each consecutive calendar day thereafter as hereinafter provided in Paragraph 19 of the General Conditions.

The OWNER agrees to pay the CONTRACTOR in current funds for the performance of the contract, subject to additions and deductions, as provided in the General Conditions of the Contract, and to make payments on account thereof as provided in Paragraph 25, "Payments to Contractor," of the General Conditions.

IN WITNESS WHEREOF, the parties to these presents have executed this contract in six (6) counterparts, each of which shall be deemed an original, in the year and day first above mentioned.

(Seal)

ATTEST

(Owner)

By

(Secretary)

(Witness)

(Title)

(Seal)

(Contractor)

By

(Secretary)

(Witness)

(Title)

(Address and Zip Code)

NOTE: Secretary of the Owner should attest. If Contractor is a corporation, Secretary should attest.

Contract Form (page 2 of 2)

David C. Hennen, Architect, PLC
Project #2114

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**LaRue County Senior Center
Hodgenville, Kentucky**

DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS

00 61 00 BONDING REQUIREMENTS

Construction project bids estimated to exceed \$25,000 must include bidder security, and all bids exceeding \$100,000 will require bonding in compliance with requirements of 2 CFR Part 200 Omni Circular. An acceptable form of bidder security is a bid guarantee from each bidder equivalent to five percent of the bid price. The “bid guarantee” shall consist of a firm commitment such as a bid bond, certified check, or other negotiable instrument accompanying a bid as assurance that the bidder will, upon acceptance of his/her bid, execute such contractual documents as may be required within the time specified.

Construction contracts or subcontracts exceeding \$25,000 must include:

- (a) **A performance bond on the part of the contractor for 100 percent of the contract price as it may be increased.** A “performance bond” is one executed in connection with a contract to secure fulfillment of all the contractor’s obligations under such contract.
- (b) **A payment bond on part of the contractor for 100 percent of the contract price.** A “payment bond” is one executed in connection with a contract to assure payment as required by law of all persons supplying labor and material in the execution of the work provided for in the contract.

Construction contracts or subcontracts exceeding \$100,000 must be bonded in compliance with requirements of 2 CFR Part 200 Omni Circular (Paragraph 200.304 Bonds).

Bonding Requirements

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

00 62 00 CERTIFICATE OF OWNER'S ATTORNEY

I, the undersigned, _____, the duly authorized and acting legal representative of _____, do hereby certify as follows:

I have examined the attached contract(s) and surety bonds and the manner of execution thereof, and I am of the opinion that each of the aforesaid agreements has been duly executed by the proper parties thereto acting through their duly authorized representatives; that said representatives have full power and authority to execute said agreements on behalf of the respective parties named thereon; and that the foregoing agreements constitute valid and legally binding obligations upon the parties executing the same in accordance with terms, conditions and provisions thereof.

Signature

Date

Certificate of Owner's Attorney

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PROCUREMENT AND CONTRACTING REQUIREMENTS

00 72 13 GENERAL CONDITIONS

General Conditions Table of Contents

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General Conditions (page 1 of 33)

PROCUREMENT AND CONTRACTING REQUIREMENTS

General Conditions Including Federal Labor Standards Provisions

1. Contract and Contractor Documents

The project to be constructed and pursuant to this Contract will be financed with assistance from the Kentucky Community Development Block Grant Program and is subject to all applicable Federal laws and regulations.

The plans, specifications and addenda, hereinafter enumerated in Paragraph 1 of the Supplemental General Conditions on page 30, shall form part of this Contract and the provisions thereof shall be as binding upon the parties hereto as if they were herein fully set forth. The table of contents, titles, headings, running headlines and marginal notes contained herein and in said documents is solely to facilitate reference to various provisions of the Contract Documents and in no way affect, limit or cast light on the interpretation of the provisions to which they refer.

2. Definitions

The following terms as used in this contract are respectively defined as follows:

- (a) "Contractor": A person, firm or corporation with whom the contract is made by the Owner.
- (b) "Subcontractor": A person, firm or corporation supplying labor and materials or only labor for work at the site of the project for, and under separate contract or agreement with, the Contractor.
- (c) "Work on (at) the project": Work to be performed at the location of the project, including the transportation of materials and supplies to or from the location of the project by employees of the Prime Contractor and any Subcontractor.

3. Additional Instructions and Detail Drawings

The Contractor will be furnished additional instructions and detail drawings as necessary to carry out the work included in the contract. The additional drawings and instructions thus supplied to the Contractor will coordinate with the Contract Documents and will be so prepared that they can be reasonably interpreted as part thereof. The Contractor shall carry out the work in accordance with the additional detail drawings and instructions. The Contractor and the Architect/Engineer will prepare jointly (a) a schedule, fixing the dates at which special detail drawings will be required, such drawings, if any, to be furnished by the Architect/Engineer in accordance with said schedule, and (b) a schedule fixing the respective dates for the submission of show drawings, the beginning of manufacture, testing and installation of materials, supplies and equipment, and the completion of the various parts of the work; each such schedule to be subjected to change from time to time in accordance with the progress of the work.

General Conditions (page 2 of 33)

PROCUREMENT AND CONTRACTING REQUIREMENTS

4. Shop or Setting Drawings

The Contractor shall submit promptly to the Architect/Engineer two copies of each shop or setting drawing prepared in accordance with the schedule predetermined as aforesaid. After examination of such drawings by the Architect/Engineer and the return thereof, the Contractor shall make such corrections to the drawings as have been indicated and shall furnish the Architect/Engineer with two corrected copies. If requested by the Architect/Engineer the Contractor must furnish additional copies. Regardless of corrections made in or approval given to such drawings by the Architect/Engineer, the Contractor will nevertheless be responsible for the accuracy of such drawings and for their conformity to the plans and specifications, unless he notifies the Architect/Engineer in writing of any deviations at the time he furnishes such drawings.

5. Materials, Services and Facilities

- (a) It is understood that except as otherwise specifically stated in the Contract Documents, the Contractor shall provide and pay for all materials, labor, tools, equipment, water, light, power, transportation, superintendence, temporary construction of every nature and all other services and facilities of every nature whatsoever necessary to execute, complete and deliver the work within the specified time.
- (b) Any work necessary to be performed after regular working hours, on Sunday or Legal Holidays, shall be performed without additional expense to the Owner.

6. Contractor's Title to Materials

No materials or supplies for the work shall be purchased by the Contractor subject to any chattel mortgage or under a conditional sale contract or other agreement by which an interest is retained by the seller. The Contractor warrants that he has good title to all materials and supplies used by him in the work, free from all liens, claims or encumbrances.

7. Inspection and Testing of Materials

- (a) All materials and equipment used in the construction of the project shall be subject to adequate inspection and testing in accordance with accepted standards. The laboratory or inspection agency shall be selected by the Owner. The Owner will pay for all laboratory inspection service direct, and not as a part of the Subcontract.
- (b) Materials of construction, particularly those upon which the strength and durability of the structure may depend, shall be subject to inspection and testing to establish conformance with specifications and suitability for uses intended.

General Conditions (page 3 of 33)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

8. “Or Equal” Clause

Whenever a material, article or piece of equipment is identified on the plans or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, etc., it is intended merely to establish a standard; and, any materials, article or equipment of other manufacturers and vendors which will perform adequately to the duties imposed by the general design will be considered equally acceptable provided the material, article or equipment so proposed, is, in the opinion of the Architect/Engineer, of equal substance and function. It shall not be purchased or installed by the Contractor without the Architect/Engineer's written approval.

9. Copyrights and Patents

- (a) The Contractor shall hold and save the Owner and its officers, agents, servants and employees harmless from liability of any nature or kind, including cost and expenses for, or on account of, any patented or unpatented invention, process, article or appliance manufactured or used in the performance of the Contract, including its use by the Owner, unless otherwise specifically stipulated in the Contract Documents.
- (b) License or Royalty Fees: License and/or royalty fees for the use of a process which is authorized by the Owner of the project must be reasonable, and paid to the holder of the patent, or his authorized licensee, direct by the Owner and not by or through the Contractor.
- (c) If the contractor uses any design, device or materials covered by letters, patent or copyright, he shall provide for such use by suitable agreement with the Owner of such patented or copyrighted design, device or material. If is mutually agreed and understood, that without exception, the contract prices shall include all royalties or costs arising from the use of such design, device or materials, in any say involved in the work. The Contactor and/or his Sureties shall indemnify and save harmless the Owner of the project from any and all claims for infringement by reason of the use of such patented or copyrighted design, device or materials or any trademark or copyright in connection with work agreed to be performed under this Contract, and shall indemnify the Owner for any cost, expense or damage which it may be obliged to pay by reason of such infringement at any time during the prosecution of the work or after completion of the work.
- (d) Any copyrightable work resulting from this Agreement is available to the author for such, but the City and the Department of Local Government reserve the option for unlimited use and license to such work. Any discovery or invention shall be reported promptly to the City and the Department of Local Government for the determination as to whether patent protection should be sought and how the rights of any patent shall be disposed of and administered in order to protect the public interest.

General Conditions (page 4 of 33)

DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS

10. Surveys, Permits and Regulations

Unless otherwise expressly provided for in the specifications, the Owner will furnish the Contractor all surveys necessary for the execution of the work.

The Contractor shall procure and pay all permits, licenses and approvals necessary for the execution of this Subcontract.

The Contractor shall comply with all laws, ordinances, rules, orders and regulations relating to performance of the work, the protection of adjacent property and the maintenance of passageways, guard fences or other protective facilities.

11. Contractor's Obligations

The Contractor shall and will, in good workmanlike manner, do and perform all work and furnish all supplies and materials, machinery, equipment, facilities and means, except as herein otherwise expressly specified, necessary or proper to perform and complete all the work required by this Contract, within the time herein specified, in accordance with the provisions of this Contract and said specifications and in accordance with the plans and drawings covered by this Contract any and all supplemental plans and drawings, and in accordance with the directions of the Contractor and/or Architect/Engineer as given from time to time during the progress of the work. He shall furnish, erect, maintain and remove such construction plant and such temporary works as may be required.

The Contractor shall observe, comply with, and be subject to all terms, conditions, requirements and limitations of the Contract and specifications, and shall do, carry on and complete the entire work to the satisfaction of the Contractor, Architect/Engineer and the Owner.

12. Weather Conditions

In the event of temporary suspension of work, or during inclement weather, or whenever the Architect/Engineer shall direct, the Contractor will, and will cause his Subcontractors to protect carefully his and their work and materials against damage or injury from the weather. If, in the opinion of the Architect/Engineer, any work or materials shall have been damaged or injured by reason of failure on the part of the Contractor or any of his Subcontractors to protect his work, such materials shall be removed and replaced at the expense of the Contractor.

General Conditions (page 5 of 33)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

13. Protection of Work and Property – Emergency

The Contractor shall at all times safely guard the Owner's property from injury or loss in connection with this Contract. He shall at all times safely guard and protect his own work, and that of adjacent property from damage. The Contractor shall replace or make good any such damage, loss or injury unless such is caused directly by errors contained in the Contract or by the Owner, or his duly authorized representatives.

In case of an emergency which threatens loss or injury of property, and/or safety of life, the Contractor will be allowed to act, without previous instructions from the Architect/Engineer, in a diligent manner. He shall notify the Architect/Engineer immediately thereafter. Any claim for compensation by the Contractor due to such extra work shall be promptly submitted to the Architect/Engineer for approval.

Where the Contractor has not taken action but has notified the Architect/Engineer of an emergency threatening injury to persons or damage to the work or any adjoining property, he shall act as instructed or authorized by the Architect/Engineer.

The amount of reimbursement claimed by the Contractor on account of any emergency action shall be determined in the manner provided in Paragraph 17 of the General Conditions.

14. Inspection

The authorized representatives and agents of the Department of Local Government and the Department of Housing and Urban Development shall be permitted to inspect all work, materials, payrolls, and records of personnel, invoices of materials and other relevant data and records.

15. Reports, Records and Data

The Contractor shall submit to the Owner such schedule of quantities and costs, progress schedules, payrolls, reports, estimates, records and other data as the Owner may request concerning work performed or to be performed under this Contract.

16. Superintendence by Contractor

At the site of the work the Contractor shall employ a construction superintendent or foreman who shall have full authority to act for the Contractor. It is understood that such representative shall be acceptable to the Architect/Engineer and shall be one who can be continued in that capacity for the particular job involved unless he ceases to be on the Contractor's payroll.

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DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

17. Changes in Work

No changes in the work covered by the approved Contract Documents shall be made without having prior written approval of the Owner. Charges or credits for the work covered by the approved change shall be determined by one or more, or a combination of the following methods:

- (a) Unit bid prices previously approved.
- (b) An agreed lump sum.
- (c) The actual cost of :
 - 1. Labor, including foremen.
 - 2. Materials entering permanently into the work.
 - 3. The ownership or rental cost of construction plant and equipment during the time of use on the extra work.
 - 4. Power and consumable supplies for the operation of power equipment.
 - 5. Insurance.
 - 6. Social Security and old age and unemployment contributions.

18. Extras

Without invalidating the Contract, the Owner may order extra work or make changes by altering, adding to or deducting from the work, the contract sum being adjusted accordingly, and the consent of the Surety being first obtained where necessary or desirable. All the work of the kind bid upon shall be paid for at the price stipulated in the proposal, and no claims for any extra work or materials shall be allowed unless the work is ordered in writing by the Owner or its Architect/Engineer, acting officially for the Owner, and the price is stated in such order.

19. Time for Completion and Liquidated Damages

It is hereby understood and mutually agreed, by and between the Contractor and the Owner, that the date of beginning and the time for completion as specified in the contract of the work to be done hereunder are ESSENTIAL CONDITIONS of this Contract; and it is further mutually understood and agreed that the work embraced in this Contract shall be commenced on a date to be specified in the "Notice to Proceed".

The Contractor agrees that said work shall be prosecuted regularly, diligently and uninterruptedly at such rate of progress as will insure full completion thereof within the time specified. It is expressly understood and agreed, by and between the Contractor and the Owner, that the time for the completion of the work described herein is a reasonable time for the completion of the same, taking into consideration the average climatic range and usual industrial conditions prevailing in this locality.

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PROCUREMENT AND CONTRACTING REQUIREMENTS

If the said Contractor shall neglect, fail or refuse to complete the work within the time herein specified, or any proper extension thereof granted by the Owner, then the Contractor does hereby agree, as part consideration for the awarding of this Contract, to pay to the Owner the amount specified in the Contract, not as a penalty but as liquidated damages for such breach of contract as hereinafter set forth, for each and every calendar day that the Contractor shall be in default after the time stipulated in the Contractor for completing the work.

The said amount is fixed and agreed upon by and between the Contractor and the Owner because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the Owner would in such event sustain, and said amount is agreed to be the amount of damages which the Owner would sustain and said amount shall be retained from time to time by the Owner from current periodical estimates.

It is further agreed that time is of the essence of each and every portion of this Contract and of the specifications wherein a definite and certain length of time is fixed for the performance of any act whatsoever; and where under the Contract an additional time is allowed for the completion of any work, the new time limit fixed by such extension shall be of the essence of this Contract. Provided, that the Contractor shall not be charged with liquidated damages or any excess cost when the Owner determines that the contractor is without fault and the Contractor's reasons for the time extension are acceptable to the Owner; provided, further, that the Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the work is due:

- (a) To any preference, priority or allocation order duly issued by the Government.
- (b) To unforeseeable cause beyond the control and without fault or negligence of the Contractor, including, but not restricted to, acts of God, or of the public enemy, acts of the Owner, acts of another Contractor in performance of a contract with the Owner, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes and severe weather.
- (c) To any delays of Subcontractors or suppliers occasioned by any of the causes specified in subsections (a) and (b) of this article.

Provided, further, that the Contractor shall, within ten (10) days from the beginning of such delay, unless the Owner shall grant a further period of time prior to the date of final settlement of the Contract, notify the Owner, in writing, of the causes of the delay, who shall ascertain in the facts and extent of the delay and notify the Contractor within a reasonable time of its decision in the matter.

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20. Correction of Work

All work, all materials, whether incorporated in the work or not, all processes of manufacture, and all methods of construction shall be at all times and places subject to the inspection of the Architect/Engineer who shall be the final judge of the quality and suitability of the work, materials, processes of manufacture and methods of construction for the purposes for which they are used. Should they fail to meet his approval they shall be forthwith reconstructed, made good, replaced and/or corrected, as the case may be, by the Contractor at his own expense. Rejected materials shall immediately be removed from the site. If, in the opinion of the Architect/Engineer, it is undesirable to replace any defective or damaged materials or to reconstruct or correct any portion of the work injured or not performed in accordance with the Contract Documents, the compensation to be paid to the Contractor hereunder shall be reduced by such amount as in the judgment of the Architect/Engineer shall be equitable.

21. Subsurface Conditions Found Different

Should the Subcontractor encounter subsurface and/or latent conditions at the site materially differing from those shown on the plans or indicated in the specifications, he shall immediately give notice to the Architect/Engineer of such conditions before they are disturbed. The Architect/Engineer will thereupon promptly investigate the conditions, and if he finds that they materially differ from those shown on the plans or indicated in the specifications he will at once make such changes in the plans and/or specifications as he may find necessary, any increase or decrease of cost resulting from such changes to be adjusted in the manner provided in Paragraph 17 of the General Conditions.

22. Claims for Extra Cost

No claim for extra work or associated cost shall be allowed unless the same was done in pursuance of a written order of the Architect/Engineer approved by the Owner, as aforesaid and the claim presented with the first estimate after the changed or extra work is done. When work is performed under the terms of subparagraph 17(c) of the General Conditions, the Subcontractor shall furnish satisfactory bills, payrolls and vouchers covering all items of cost and when requested by the Owner, give the Owner access to accounts relating thereto.

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23. Right of Owner to Terminate Contract

In the event that any of the provisions of this Contract are violated by the Contractor, or by any of his Subcontractors, the Owner may serve written notice upon the Contractor and the Surety of its intention to terminate the Contract, such notices to contain the reasons for such intention to terminate the Contract, and unless within ten (10) days after the serving of such notice upon the Contractor, such violation or delay shall cease and satisfactory arrangement of correction be made, the Contract shall, upon the expiration of said ten (10) days, cease and terminate. In the event of any such termination, the Owner shall immediately serve notice thereof upon the Surety and the Contractor and the Surety shall have the right to take over and perform the Contract; provided, however, that if the Surety does not commence performance thereof within ten (10) days from the date of the mailing to such Surety of notice of termination, the Owner may take over the work and prosecute the same to completion by contract or by force account for the account and at the expense of the Contractor and the Contractor and his Surety shall be liable to the Owner for any excess cost occasioned by the Owner thereby, and in such event the Owner may take possession of and utilize in completing the work, such materials, appliances and plant as may be on the site of the work and necessary therefore.

The Owner may terminate this Contract at any time by giving at least ten (10) days notice in writing to the Contractor. If the Contract is terminated by the Owner as provided herein, the Contractor will be paid for the time provided and expenses incurred up to the termination date. If the Contract is terminated due to the fault of the Contractor, the above paragraph relative to termination shall apply.

24. Construction Schedule and Periodic Estimates

Immediately after execution and delivery of the Contract, and before the first partial payment is made, the Contractor shall deliver to the Owner an estimated construction progress schedule in form satisfactory to the Owner, showing the proposed dates of commencement and completion of each of the various subdivisions of work required under the Contract Documents and the anticipated amount of each monthly payment will become due the Contractor in accordance with the progress schedule. The Contractor shall also furnish on forms to be supplied by the Owner (a) a detailed estimate giving a complete breakdown of the contract price and (b) periodic itemized estimates of work done for the purpose of making partial payments thereon. The costs employed in making up any of these schedules will be used only for determining the basis of partial payments and will not be considered as fixing a basis for additions to or deductions from the contract price.

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25. Payments to the Contractor

- (a) Not later than the 22nd day of each calendar month the Owner shall make a progress payment to the Contractor on the basis of a duly certified and approved estimate of the work performed during the preceding calendar month under this Contract, but to insure the proper performance of this Contract, the Owner shall retain ten percent (10%) of the amount of each estimate until final completion and acceptance of all work covered by this Contract; provided, that the Contractor shall submit his estimate not later than the 5th day of the month; provided, further, that on completion and acceptance of each separate building, public work, or other division of the Contract, on which the price is stated separately in the Contract, payment may be made in full, including retained percentages thereon, less authorized deductions.
- (b) In preparing estimates the material delivered on the site and preparatory work done may be taken into consideration.
- (c) All material and work covered by partial payments made shall thereupon become the sole property of the Owner, but this provision shall not be construed as relieving the Contractor from the sole responsibility for the care and protection of materials and work upon which payments have been made or the restoration of any damaged work, or as a waiver of the right of the Owner to require the fulfillment of all of the terms of the Contract.
- (d) Owner's Right to Withhold Certain Amounts and Make Application Thereof: The Contractor agrees that he will indemnify and save the Owner harmless from all claims growing out of the lawful demands of subcontractors, laborers, workmen, mechanics, material, men and furnishers of machinery and parts thereof, equipment, power tools and all supplies, including commissary, incurred in the furtherance of the performance of this Contract. The Contractor shall, at the Owner's request, furnish satisfactory evidence that all obligations of the nature hereinabove designated have been paid, discharged or waived. If the Contractor fails to do so, then the Owner may, after having served written notice on the said Contractor, either pay unpaid bills, of which the Owner has written notice, direct, or withhold from the Contractor's unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged whereupon payment to the Contractor shall be resumed, in accordance with the impose any obligations upon the Owner to either the Contractor or his Surety .In paying any impose any obligations upon the Owner to either the Contractor or his Surety .In paying any terms of this Contract, but in no event shall the provisions of this sentence be construed to unpaid bills of the Contractor, the Owner shall be deemed the agent of the Contractor, and any payment so made by the Owner shall be considered as a payment made under the Contract by the Owner to the Contractor and the Owner shall not be liable to the Contractor for any such payments made in good faith.

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26. Acceptance of Final Payment Constitutes Release

The acceptance by the Contractor of final payment shall be and shall operate as a release to the Owner of all claims and all liability to the Contractor for all things done or furnished in connection with this work and for every act and neglect of the Owner and others relating to or arising out of this work. No payment, however, final or otherwise, shall operate to release the Contractor or his Sureties from any obligations under this Contract or the performance and payment bond.

27. Payments by Contractor

The Contractor shall pay (a) for all transportation and utility services not later than the 28th day of the calendar month following that in which services are rendered, (b) for all materials, tools and other expendable equipment to the extent of ninety percent (90%) of the cost thereof, not later than the 14th day of the calendar month following that in which such materials, tools and equipment are delivered at the site of the project, and the balance of the cost thereof, not later than the 14th day following the completion of that part of the work in or on which such materials, tools and equipment are incorporated or used, and (c) to each of his Subcontractors, not later than the 14th day following each payment to the Contractor, the respective amount allowed the Contractor on account of the work performed by his Subcontractors to the extent of each Subcontractor's interest therein.

28. Insurance

The Contractor shall not commence work under this Contract until he has obtained all the insurance required under this paragraph and such insurance has been approved by the Owner, nor shall the Contractor allow any Subcontractor to commence work on this subcontract until the insurance required of the Subcontractor has been so obtained and approved.

- (a) Compensation Insurance: The Contractor shall procure and shall maintain during the life of this Contract Workmen's Compensation Insurance as required by applicable State or territorial law for all of his employees to be engaged in work at the site of the project under this Contract, and, in case of any such work sublet, the Contractor shall require the Subcontractor similarly to provide Workmen's Compensation Insurance for all of the latter's employees to be engaged in such work unless such employees are covered by the protection afforded by the Contractor's Workmen's Compensation Insurance. In case any class of employees engaged in hazardous work on the project under this Contract is not protected under the Workmen's Compensation Statute, the Contractor shall provide and shall cause each Subcontractor to provide adequate employer's liability insurance for the protection of such of his employees as are not otherwise protected.
- (b) Contractor's Public Liability and Property Damage Insurance and Vehicle Liability Insurance: The Contractor shall procure and maintain during the life of this Contract Contractor's Public Liability Insurance, Contractor's Property Damage Insurance and Vehicle Liability Insurance in the amounts specified in Supplemental General Conditions.

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- (c) Subcontractor's Public Liability and Property Damage Insurance and Vehicle Liability Insurance: The Contractor shall either (1) require each of his Subcontractors to procure and to maintain during the life of his subcontract Subcontractor's Public Liability and Property Damage Insurance and Vehicle Liability Insurance of the type and in the amounts specified in the Supplemental General Conditions specified in subparagraph (B) hereof, or (2) insure the activities of his policy, specified in subparagraph (b) hereof.
- (d) Scope of Insurance and Special Hazards: The insurance required under subparagraphs (b) and (c) hereof shall provide adequate protection for the Contractor and his Subcontractors, respectively, against damage claims which may arise from operations under this Contract, whether such operations be by the insured or by anyone directly or indirectly employed by him and, also against any of the special hazards which may be encountered in the performance of this Contract as enumerated in the Supplemental General Conditions.
- (e) Builder's Risk Insurance (Fire and Extended Coverage): Until the project is completed and accepted by the Owner, the Owner or Contractor (at the Owner's option as indicated in the Supplemental General Conditions. Form HUD-4238-N) is required to maintain Builder's Risk Insurance (fire and extended coverage) on a 100 percent completed value basis on the insurable portion of the project for the benefit of the Owner, the Contractor, and Subcontractors as their interests may appear. The Contractor shall not include any costs for Builder's Risk Insurance (fire and extended coverage) premiums during construction unless the Contractor is required to provide such insurance, however, this provision shall not release the Contractor from his obligation to complete, according to plans and specifications, the project covered by the Contract, and the Contractor and his Surety shall be obligated to full performance of the Contractor's undertaking.
- (f) Proof of Carriage of Insurance: The Contractor shall furnish the Owner with certificates showing the type, amount, class of operations covered, effective dates and date of expiration of policies. Such certificates shall also contain substantially the following statement: "The insurance covered by this certificate will not be canceled or materially altered, except after ten (10) days written notice has been received by the Owner."

29. Contract Security

The Contractor shall furnish a performance bond in an amount at least equal to one hundred percent (100%) of the contract prices as security for the faithful performance of this Contract and also a payment bond in an amount not less than one hundred percent (100%) of the contract price or in a penal sum not less than that prescribed by State, territorial or local law, as security for the payment of all persons performing labor on the project under this Contract and furnishing materials in connection with this Contract. The performance bond and the payment bond may be in one or in separate instruments in accordance with local law.

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30. Additional or Substitute Bond

If at any time the Owner for justifiable cause shall be or become dissatisfied with any Surety or Sureties, then upon the performance or payment bonds, the Contractor shall within five (5) days after notice from the Owner to do so, substitute an acceptable bond (or bonds) in such form and sum and signed by such other Surety or Sureties as may be satisfactory to the Owner. The premiums on such bond shall be paid by the Contractor. No further payments shall be deemed due nor shall be made until the new Surety or Sureties shall have furnished such an acceptable bond to the Owner.

31. Assignments

The Contractor shall not assign the whole or any part of this Contract or any moneys due or to become due hereunder without written consent of the Owner. In case the Contractor assigns all or any part of any moneys due or to become due under this Contract, the instrument of assignment shall contain a clause substantially to the effect that it is agreed that the right of the assignee in and to any moneys due or to become due to the corporations of services rendered or materials supplied for the performance of the work called for in this contract.

32. Mutual Responsibility of Contracts

If, through acts of neglect on the part of the Contractor, any other Contractor or any Subcontractor shall suffer loss or damage on the work, the Contractor agrees to settle with such other Contractor or Subcontractor by agreement or arbitration if such other Contractor or Subcontractor will so settle. If such other Contractor or Subcontractor shall assert any claim against the Owner on account of any damage alleged to have been sustained, the Owner shall notify the Contractor, who shall indemnify and save harmless the Owner against any such claim.

33. Separate Contracts

The Contractor shall coordinate his operations with those of other Contractors. Cooperation will be required in the arrangement for the storage of materials and in the detailed execution of the work. The Contractor, including his Subcontractors, shall keep informed of the progress and the detail work of other Contractors and shall notify the Architect/Engineer immediately of lack of progress or defective workmanship on the part of other Contractors. Failure of a Contractor to keep informed of the work progressing on the site and failure to give notice of lack of progress or defective workmanship by others shall be construed as acceptance by him of the status of the work as being satisfactory for proper coordination with his own work.

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34. Subcontracting

The Contractor may utilize the services of specialty Subcontractors on those parts of the work which, under normal contracting practices, are performed by specialty Subcontractors.

The Contractor shall not award any work to any Subcontractor without prior written approval of the Owner, which approval will not be given until the Contractor submits to the Owner a written statement concerning the proposed award to the Subcontractor, which statement shall contain such information as the Owner may require.

The Contractor shall be as fully responsible to the Owner for the acts and omissions of his Subcontractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.

The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind Subcontractors to the Contractor by the terms of the General Conditions and other Contract Documents insofar as applicable to the work of Subcontractors and to give the Contractor the same power as regards terminating any subcontract that the Owner may exercise over the Contractor under any provision of the Contract Documents.

Nothing contained in this Contract shall create any contractual relation between any Subcontractor and the Owner.

35. Architect/Engineer's Authority

The Architect/Engineer shall give all orders and directions contemplated under this contract and specifications, relative to the execution of the work. The Architect/Engineer shall determine the amount, quality, acceptability and fitness of the several kinds of work and materials which are to be paid for under this Contract and shall decide all questions which may arise in relation to said work and the construction thereof. The Architect/Engineer's estimates and decisions shall be final and conclusive, except as herein otherwise expressly provided. In case any question shall arise between the parties hereto relative to said Contract and specifications, the determination or decision of the Architect/Engineer shall be a condition precedent to the right of the Contractor to receive any money or payment for work under this Contract affected in any manner or to any extent by such question.

The Architect/Engineer shall decide the meaning and intent of any portion of the specifications and of any plans or drawings where the same may be found obscure or be in dispute. Any differences or conflicts in regard to their work which may arise between the Contractor under this Contract and other Contractors performing work for the Owner shall be adjusted and determined by the Architect/Engineer.

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36. Stated Allowances

The Contractor shall include in his proposal the cash allowances stated in the Supplemental General Conditions. The Contractor shall purchase the "Allowed Materials" as directed by the Owner on the basis of the lowest and best bid of at least three competitive bids. If the actual price for purchasing the "Allowed Materials" is more or less than the "Cash Allowance," the contract price shall be adjusted accordingly. The adjustment in contract price shall be made on the basis of the purchase price without additional charges for overhead, profit, insurance or any other incidental expenses. The cost of installation of the "Allowed Materials" shall be included in the applicable sections of the Contract Specifications covering this work.

37. Use of Premises and Removal of Debris

- (a) To take every precaution against injuries to persons or damage to property.
- (b) To store his apparatus, materials, supplies and equipment in such orderly fashion at the site of the work as will not unduly interfere with the progress of his work or the work of any other Contractors.
- (c) To place upon the work or any part thereof only such loads as are consistent with the safety of that portion of the work.
- (d) To clean up frequently all refuse, rubbish, scrap materials and debris caused by his operations, to the end that at all times the site of the work shall present a neat, orderly and workmanlike appearance.
- (e) Before final payment to remove all surplus material, false-work, temporary structures, including foundations thereof, plant of any description and debris of every nature resulting from his operations, and to put the site in a neat, orderly condition.
- (f) To affect all cutting, fitting or patching of his work required to make the same to conform to the plans and specifications and, except with the consent of the Architect/Engineer, not to cut or otherwise alter the work of any other Contractor.

38. Quantities of Estimate

Wherever the estimated quantities of work to be done and materials to be furnished under this Contract are shown in any of the documents including the proposal, they are given for use in comparing bids and the right is especially reserved except as herein otherwise specifically limited, to increase or diminish them as may be deemed reasonably necessary or desirable by the Owner to complete the work contemplated by this Contract, and such increase or diminution shall in no way vitiate this Contract, nor shall any such increase or diminution give cause for claims or liability for damages.

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39. Lands and Rights-of-Way

Prior to the start of construction, the Owner shall obtain lands and rights-of-way necessary for the carrying out and completion of work to be performed under this Contract. All acquisitions of real property including temporary and permanent easements must follow the Uniform Relocation Act requirements.

40. General Guaranty

Neither the final certificate of payment nor any provision in the Contract Documents, nor partial or entire occupancy of the premises by the Owner, shall constitute an acceptance of work not done in accordance with the Contract Documents or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall remedy any defects in the work and pay for any damage to other work resulting therefrom, which shall appear within a period of one year from the date of final acceptance of the work unless a longer period is specified. The Owner will give notice of observed defects with reasonable promptness.

41. Conflicting Conditions

Any provisions in any of the Contract Documents which may be in conflict or inconsistent with any of the paragraphs in these General Conditions shall be void to the extent of such conflict or inconsistency.

42. Notice and Service Thereof

Any notice to any Contractor from the Owner relative to any part of this Contract shall be in writing and considered delivered and the service thereof completed, when said notice is posted, by certified or registered mail, to the said Contractor at his last given address or delivered in person to the said Contractor or his authorized representative on the work.

43. Provisions Required by Law Deemed Inserted

Each and every provision of law and clause required by law to be inserted in this Contract shall be deemed to be inserted herein and the Contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party the Contract shall forthwith be physically amended to make such insertion or correction.

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44. Protection of Lives and Health

"The Contractor shall exercise proper precaution at all times for the protection of persons and property and shall be responsible for all damages to persons or property, either on or off the site, which occur as a result of his prosecution of the work. The safety provisions of applicable laws and building and construction codes, in addition to specific safety and health regulations described by Chapter XIII, Bureau of Labor Standards, Department of Labor, Part 1518, Safety and Health Regulations for Construction, as outlined in the Federal Register, Volume 36, No.75, Saturday, April 17, 1971. Title 29 - Labor shall be observed and the Contractor shall take or cause to be taken, such additional safety and health measures as the Contracting Authority may determine to be reasonably necessary."

45. Subcontracts

"The Contractor will insert in any subcontracts the Federal Labor Standards Provision contained herein and such other clauses as the Department of Housing and Urban Development may, by instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts which they may enter into, together with a clause requiring this insertion in any further subcontracts that may in turn be made."

46. Conflict of Interest

No person who is an employee, agent, consultant, officer or elected or appointed official of recipient or subrecipient who exercises or has exercised any functions or responsibilities with respect to KCDBG activities or who is in a position to participate in a decision making process or gain inside information with regard to such activities may obtain a financial interest or benefit from a KCDBG activity, have an interest or benefit from the activity or have an interest in any contract, subcontract or agreement with respect to a CDBG activity or its proceeds, for themselves or those with whom they have family or business ties. The prohibition applies during their tenure and for one year thereafter.

47. Interest of Member of or Delegate to Congress

No member of or delegate to Congress or Resident Commissioner shall be admitted to any share or part of this Contract or to any benefit that may arise therefrom, but this provision shall not be construed to extend to this Contract if made with a corporation for its general benefit.

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48. Other Prohibited Interests

No official of the Owner who is authorized in such capacity and on behalf of the Owner to negotiate, make, accept or approve, or to take part in negotiating, making, accepting or approving any architectural, engineering, inspection, construction or material supply contract or any subcontract in connection with the construction of the project, shall become directly or indirectly interested personally in this Contract or in any part thereof. No officer, employee, architect, attorney, engineer or inspector of or for the Owner who is authorized in such capacity and on behalf of the Owner to exercise any legislative, executive, supervisory or other similar functions in connection with the construction of the project, shall become directly or indirectly interested personally in this Contract or in any part thereof, any material supply contract, subcontract, insurance contract or any other contract pertaining to the project.

49. Use and Occupancy Prior to Acceptance by Owner

The Contractor agrees to use and occupancy of a portion or unit of the project before formal acceptance by the Owner, provided the Owner:

- Secures written consent of the Contractor except in the event, in the opinion of the Architect/Engineer, the Contractor is chargeable with unwarranted delay in final cleanup of punch list items or other Contract requirements. Secures endorsement from the insurance carrier and consent of the surety permitting occupancy of the building or use of the project during the remaining period of construction.
- Or**
- When the project consists of more than one building, and one of the buildings is occupied, secures permanent fire and extended coverage insurance, including a permit to complete construction. Consent of Surety must also be obtained.

50. Photographs of the Project

If required by the Owner, the Contractor shall furnish photographs of the project, in the quantities and as described in the Supplemental General Conditions.

51. Suspension of Work

Should the Owner be prevented or enjoined from proceeding with work either before or after the start of construction by reason of any litigation or other reason beyond the control of the Owner, the Contractor shall not be entitled to make or assert claim for damage by reason of said delay; but time for completion of the work will be extended to such reasonable time as the Owner may determine will compensate for time lost by such delay with such determination to be set forth in writing.

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52. Access to Records

The Contractor shall maintain accounts and project records, including personnel, property and financial records, adequate to identify and account for all costs pertaining to the Contract and such other records as may be deemed necessary by the City/County to assure proper accounting for all project funds, both CDBG and non-CDBG shares. These records will be made available to the City, the Department of Local Government, Commonwealth of Kentucky Finance & Administration Cabinet, Commonwealth of Kentucky Auditor of Public Audits, Commonwealth of Kentucky Legislative Research Commission, U.S. Department of Housing and Urban Development, the U. S. Department of Labor, and the Comptroller General of the United States, or any of their duly authorized representatives. These parties shall have access to any books, documents, papers and records of the Contractor which are directly pertinent to the project, for the purpose of making audit, examination, excerpts, and transcriptions. All records shall be maintained for five years after project closeout.

53. Federal Labor Standards Provisions (HUD-4010,2-84)

Applicability

The Project or Program to which the construction work covered by this contract pertains is being assisted by the United States of America and the following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

A.1. (i) Minimum Wages. All laborers and mechanics employed or working upon the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section 1 (b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of 29 CFR 5.5(a)(1)(iv); also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period.

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Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR Part 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 29 CFR Part 5.5(a)(1)(ii) and the Davis-Bacon poster (WH-1321 shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can easily be seen by the workers.

(ii)

- (a) Any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. HUD shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:
 - 1. The work to be performed by the classification requested is not performed by a classification in the wage determination;
 - 2. The classification is utilized in the area by the construction industry; and
 - 3. The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (b) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and HUD or its designee agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by HUD or its designee to the Administrator of the Wage and Hour Division, Employment Standards Administration, U. S. Department of Labor, Washington, D.C. 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)
- (c) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and HUD or its designee do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), HUD or its designee shall refer the questions, including the views of all interested parties and the recommendation of HUD or its designee, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)
- (d) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs (1)(b) or (c) of the paragraph, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

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- (iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
- (iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, provided, that the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

2. Withholding. HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the contractor under this contract or any other Federal Contract with the same prime contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee or helper, employed or working on the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), all or part of the wages required by the contract, HUD or its designee may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased. HUD or its designee may, after written notice to the contractor, disburse such amounts withheld for and on account of the contractor or subcontractor to the respective employees to whom they are due. The Comptroller General shall make such disbursements in the case of direct Davis-Bacon Act contracts.

3. Payrolls and Basic Records.

(i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project). Such records shall contain the name, address and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in Section 1 (b)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1 (b)(2)(B) of Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs. (Approved by the Office of Management and Budget under OMB Control Numbers 1215-0140 and 1215-0017.)

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- (ii) (a) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant, sponsor, or owner, as the case may be, for transmission to HUD or its designee. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR Part 5.5(a)(3)(i). This information may be submitted in any form desired. Optional Form WH-347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal Stock Number 029-005-00014-1), U. S. Government Printing Office, Washington, D.C. 20402. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. (Approved by the Office of Management and Budget under OMB Control Number 1215-0149.)
- (b) Each payroll submitted shall be accompanied by a 'Statement of Compliance,' signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:
1. That the payroll for the payroll period contains the information required to be maintained under 29 CFR Part 5.5(a)(3)(i) and that such information is correct and complete;
 2. That each laborer or mechanic (including each helper 1 apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR Part 3.
 3. That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.
- (c) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph A.3(ii)(b) of this section.
- (d) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 231 and Title 31 of the United States Code.
- (iii) The contractor or subcontractor shall make the records required under paragraph A.3(i) of this section available for inspection, copying, or transcription by authorized representatives of HUD or its designee or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, HUD or its designee may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant 20 CFR Part 5.12.

PROCUREMENT AND CONTRACTING REQUIREMENTS**4. (i) Apprentices and Trainees. Apprentices.**

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U. S. Department of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State Apprenticeship Agency recognized by the Bureau, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Bureau of Apprenticeship and Training, or a State Apprenticeship Agency recognized by the Bureau, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U. S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and

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participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

5. Compliance with Copeland Act Requirements. The contractor shall comply with the requirements of 29 CFR Part 3 which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor will insert in any subcontracts the clause contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as HUD or its designee may be appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR Part 5.5.

7. Contract Termination; Debarment. A breach of contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 CFR Part 5.12.

8. Compliance with Davis-Bacon and Related Act Requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1,3, and 5 are herein incorporated by reference in this contract.

9. Disputes Concerning Labor Standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and HUD or its designee, the U. S. Department of Labor, or the employees or their representatives.

10. (i) Certification of Eligibility. By entering into this contract, the contractor certified that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

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- (ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of Section 3(a) of the Davis- Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.
- (iii) The penalty for making false statements is prescribed in the U. S. Criminal Code, 18 U.S.C.1001. Additionally, U. S. Criminal Code, Section 1010, Title 18, U.S.C., "Federal Housing Administration transactions," provides in part: "Whoever, for the purpose of ...influencing in any way the action of such Administration ...makes, utters, or publishes any statement, knowing the same to be false ...shall be fined not more than \$5,000 or imprisoned not more than two years, or both."

11. Complaints, Proceedings, or Testimony by Employees. No laborer or mechanic to whom the wage, salary, or other labor standards provisions of this Contract are applicable shall be discharged or in any other manner discriminated against by the Contractor or subcontractor because such employee has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable under Contract to his employer.

B. Contract Work Hours and Safety Standards Act (over \$100,000). As used in this paragraph, the terms "laborers" and "mechanics" include watchmen and guards.

- (1) Overtime Requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- (2) Violation; Liability For Unpaid Wages; Liquidated Damages.** In the event of any violation of the clause set forth in subparagraph (1) of this paragraph, the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in subparagraph (1) of this paragraph, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in subparagraph (1) of this paragraph.

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- (3) **Withholding For Unpaid Wages and Liquidated Damages.** HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contract, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (2) of this paragraph.
- (4) **Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in subparagraph (1) through (4) of this paragraph and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in subparagraphs (1) through (4) of this paragraph.

C. Health and Safety

- (1) No laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health and safety as determined under construction safety and health standards promulgated by the Secretary of Labor by regulation.
- (2) The Contractor shall comply with all regulations issued by the Secretary of Labor pursuant to Title 29 Part 1926 (formerly Part 1518) and failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act (Public Law 91-54, 83 Stat. 96).
- (3) The Contractor shall include the provisions of this Article in every subcontract so that such provisions will be binding on each subcontractor. The Contractor shall take such action with respect to any subcontract as the Secretary of Housing and Urban Development or the Secretary of Labor shall direct as a means of enforcing such provisions.

PROCUREMENT AND CONTRACTING REQUIREMENTS**54. Anti-Kickback Act**

Attachment to Federal Labor Standards Provisions, So-Called "Anti-Kickback Act" and Regulations Promulgated Pursuant Thereto by the Secretary of Labor. United States Department of Labor. Title 18, U.S.C., Section 874 (HUD-4010, 2-76) (Replaces section 1 of the Act of June 13, 1934 (48 Stat. 948, 40 U.S.C., Section 276B) pursuant to the Act of June 25, 1948, 62 Stat. 862).

Kickbacks from Public Works Employees

Whoever, by force, intimidation, or threat of procuring dismissal from employment, or by any other manner whatsoever induces any person employed in the construction, prosecution, completion or repair of any public building, public work, or building or work financed in whole or in part by loans or grants from the United States, to give up any part of the compensation to which he is entitled under his contract of employment, shall be fined not more than \$5,000 or imprisoned not more than five years, or both.

Section 2 of the Act of June 13, 1934, as amended (48 Stat. 948, 62 Stat. 862, 63 Stat. 108, Stat. 967, 40 U.S.C., section 276c).

The Secretary of Labor shall make reasonable regulations for contractors and subcontractors engaged in the construction, prosecution, completion or repair of buildings, public works or buildings or works financed in whole or in part by loans or grants from the United States, including a provision that each contractor shall furnish weekly a statement with respect to the wages paid each employee during the preceding week. Section 1001 of Title 18 (United States Code) shall apply to such statements.

Pursuant to the aforesaid Anti-Kickback Act, the Secretary of Labor, United States Department of Labor, has promulgated the regulations hereinafter set forth, which regulations are found in Title 29, Subtitle A, Code of Federal Regulations, Part 3. The term "this part", as used in the regulations hereinafter set forth, refers to Part 3 last above mentioned. Said regulations are as follows.

Title 29 – Labor; Subtitle A – Office of the Secretary of Labor, Part 3 – Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in part by loans or grants from the United States.

Section 3.1 – Purpose and scope

This part prescribes "anti-kickback" regulations under section 2 of the Act of June 13, 1934, as amended (40 U.S.C. 276c), popularly known as the Copeland Act. This part applies to any contract which is subject to Federal wage standards and which is for the construction, prosecution, completion, or repair of public buildings, public works or buildings or works financed in whole or in part by loans or grants from the United States. The part is intended to aid in the enforcement of the minimum wage provisions of the Davis-Bacon Act and the various statutes dealing with Federally-assisted construction that contain similar minimum wage provisions, including those provisions which are not subject to Reorganization Plan No.14 (e.g., the College Housing Act of 1950, the Federal Water Pollution Control Act, and the Housing Act of 1959), and in the enforcement of the overtime provisions of the Contract Work Hours Standards Act whenever they are applicable to construction work. The part details the obligation of contractors and subcontractors relative to the weekly submission of statements regarding the wages paid on work covered thereby; sets forth the circumstances and procedures governing the making of payroll deductions from the wages of those employed on such work; and delineates the methods of payment permissible on such work.

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Section 3.2 – Definitions.

As used in the regulations in this part:

- (a) The terms "building" or "work" generally include construction activity as distinguished from manufacturing, furnishing of materials, or servicing and maintenance work. The terms include, without limitation, buildings, structures, and improvements of all types, such as bridges, dams, plants, highways, parkways, streets, subways, tunnels, sewers, mains, power lines, pumping stations, railways, airports, terminals, docks, piers, wharves, ways, lighthouses, buoys, jetties, breakwaters, levees, and canals; dredging, shoring, scaffolding, drilling, blasting, excavating, clearing, and landscaping. Unless conducted in connection with and at the site of such a building or work as is described in the foregoing sentence, the manufacture or furnishing of materials, articles, supplies, or equipment (whether or not a Federal or State agency acquires title to such materials, articles, supplies, or equipment during the course of the manufacture or furnishing, or owns the materials from which they are manufactured or furnished) is not a "building" or "work" within the meaning of the regulations in this part.
- (b) The terms "construction", "completion," or "repair" mean all types of work done on a particular building or work at the site thereof, including, without limitation, altering, remodeling, painting and decorating, the transporting of materials and supplies to or from the building or work by the employees of the construction contractor or construction subcontractor, and the manufacturing or furnishing of materials, articles, supplies, or equipment on the site of the building or work, by persons employed at the site by the contractor or subcontractor.
- (c) The terms "public building" or "public work" include building or work for whose construction, prosecution, completion, or repair, as defined above, a Federal agency is a contracting party, regardless of whether title thereof is in a Federal agency.
- (d) The term "building or work financed in whole or in part by loans or grants from the United States" includes building or work for whose construction, prosecution, completion, or repair, as defined above, payment or part payment is made directly or indirectly from funds provided by loans or grants by a Federal agency. The term does not include building or work for which Federal assistance is limited solely to loan guarantees or insurance.
- (e) Every person paid by a contractor or subcontractor in any manner for his labor in the construction, prosecution, completion, or repair of a public building or public work or work financed in whole or in part by loans or grants from the United States is "employed" and receiving "wages," regardless of contractual relationship alleged to exist between him and the real employer.
- (f) The term "any affiliated person" includes a spouse, child, parent, or other close relative of the contractor or subcontractor; a partner or officer of the contractor or subcontractor; a corporation closely connected with the contractor or subcontractor as parent, subsidiary or otherwise, and an officer or agent of such corporation.
- (g) The term "Federal agency" means the United States, the District of Columbia, and all executive departments, independent establishments, administrative agencies, and instrumentalities of the United States and of the District of Columbia, including corporations, all or substantially all of the stock of which is beneficially owned by the United States, by the District of Columbia, or any of the foregoing departments, establishments, agencies and instrumentalities.

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PROCUREMENT AND CONTRACTING REQUIREMENTS

Section 3.3 – Weekly statement with respect to payment of wages

- (a) As used in this section, the term "employee" shall not apply to persons in classifications higher than that of laborer or mechanic and those who are the immediate supervisors of such employees.
- (b) Each contractor or subcontractor engaged in the construction, prosecution, completion, or repair of any public building or public work, or building or work financed in whole or in part by loans or grants from the United States, shall furnish each week a statement with respect to the wages paid each of its employees engaged on work covered by 29 CFR Parts 3 and 5 during the preceding weekly payroll period. This statement shall be executed by the contractor or subcontractor or by an authorized officer or employee of the contractor or subcontractor who supervises the payment of wages and shall be on form WH 348, "Statement of Compliance," or on an identical form on the back of WH 347, "Payroll (For Contractors Optional Use)" or on any form with identical wording. Sample copies of WH 347 and WH 348 may be obtained from the Government contracting or sponsoring agency, and copies of these forms may be purchased at the Government Printing Office.
- (c) The requirements of this section shall not apply to any contract of \$2,000 or less.
- (d) Upon a written finding by the head of a Federal agency, the Secretary of Labor may provide reasonable limitations, variations, tolerances and exemptions from the requirements of this section subject to such conditions as the Secretary of Labor may specify.

(29 F.R. 95, Jan. 4 1964, as amended at 33 FR 10186, July 17, 1968)

Section 3.4 – Submission of weekly statements and the preservation and inspection of weekly payroll records.

- (a) Each weekly statement required under SS 3.3 shall be delivered by the contractor or subcontractor within seven days after the regular payment date of the payroll period, to a representative of a Federal or State agency in charge at the site of the building or work, or, if there is no representative of a Federal or State agency at the site of the building or work, the statement shall be mailed by the contractor or subcontractor, within such time, to a Federal or State agency contracting for or financing the building or work. After such examination and check as may be made, such statement, or a copy thereof, shall be kept available, or shall be transmitted together with a report of any violation, in accordance with applicable procedures prescribed by the United States Department of Labor.
- (b) Each contractor or subcontractor shall preserve his weekly payroll records for a period of three years from date of completion of the contract. The payroll records shall set out accurately and completely the name and address of each laborer and mechanic, his correct classification, rate of pay, daily and weekly number of hours worked, deductions made, and actual wages paid. Such payroll records shall be made available at all times for inspection by the contracting officer or his authorized representative, and by authorized representatives of the Department of Labor.

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Section 3.5 – Payroll deductions permissible without application to or approval of the Secretary of Labor.

Deductions made under the circumstances or in the situations described in the paragraphs of this section may be made without application to and approval of the Secretary of Labor.

- (a) Any deduction made in compliance with the requirements of Federal, State or local law, such as Federal or State withholding income taxes and Federal social security taxes.
- (b) Any deduction of sums previously paid to the employee as a bona fide prepayment of wages when such prepayment is made without discount or interest. A "bona fide prepayment of wages" is considered to have been made only when cash or its equivalent has been advanced to the person employed in such manner as to give him complete freedom of disposition of the advanced funds.
- (c) Any deduction of amounts required by court process to be paid to another, unless the deduction is in favor of the contractor, subcontractor or any affiliated person, or when collusion or collaboration exists.
- (d) Any deduction constituting a contribution on behalf of the person employed to funds established by the employer or representatives of employees, or both, for the purpose of providing *either* from principal or income, or both, medical or hospital care, pensions or annuities on retirement, death benefits, compensation for injuries, illness, accidents, sickness, or disability, or for insurance to provide any of the foregoing, or unemployment benefits, vacation pay, savings accounts, or similar payments for the benefit of employees, their families and dependents: Provided, however, That the following standards are met: (1) The deduction is not otherwise prohibited by law; (2) it is either: (i) Voluntarily consented to by the employee in writing and in advance of the period in which the work is to be done and such consent is not a condition either for the obtaining of or for the continuation of employment, or (ii) provided for in a bona fide collective bargaining agreement between the contractor or subcontractor and representatives of its employees; (3) no profit or other benefit is otherwise obtained, directly or indirectly, by the contractor or subcontractor or any affiliated person in the form of commission, dividend, or otherwise; and (4) the deductions shall serve the convenience and interest of the employee.
- (e) Any deduction contribution toward the purchase of United States Defense Stamps and Bonds when voluntarily authorized by the employee.
- (f) Any deduction requested by the employee to enable him to repay loans to or to purchase shares in credit unions organized and operated in accordance with Federal and State credit union statutes.
- (g) Any deduction voluntarily authorized by the employee for the making of contributions to governmental or quasi-governmental agencies, such as the American Red Cross.
- (h) Any deduction voluntarily authorized by the employee for the making of contributions to Community Chests, United Givers Funds, and similar charitable organizations.
- (i) Any deductions to pay regular union initiation fees and membership dues, not including fines or special assessments: Provided, however, that a collective bargaining agreement between the contractor or subcontractor and representatives of its employees provides for such deductions and the deductions are not otherwise prohibited by law.
- (j) Any deduction not more than for the "reasonable cost" of board, lodging, or other facilities meeting the requirements of section 3(m) of the Fair Labor Standards Act of 1938, as amended, and Part 431 of this title. When such a deduction is made the additional records required under SS 516.27(a) of this title shall be kept.

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Section 3.6 – Payroll deductions permissible with the approval of the Secretary of Labor.

Any contractor or subcontractor may apply to the Secretary of Labor for permission to make any deduction not permitted under SS 3.5. The Secretary may grant permissions whenever he finds that:

- (a) The contractor, subcontractor, or any affiliated person does not make a profit or benefit directly or indirectly from the deduction either in the form of a commission, dividend, or otherwise;
- (b) The deduction is not otherwise prohibited by law;
- (c) The deduction is either (1) voluntarily consented to by the employee in writing and in advance of the period in which the work to be done, and such consent is not a condition either for the obtaining of employment or its continuance, or (2) provided for in a bona fide collective bargaining agreement between the contractor or subcontractor and representatives of its employees; and
- (d) The deduction serves the convenience and interest of the employee.

Section 3.7 – Applications for the approval of the Secretary of Labor.

Any application for the making of payroll deductions under SS 3.6 shall comply with the requirements prescribed in the following paragraphs of this section:

- (a) The application shall be in writing and shall be addressed to the Secretary of Labor.
- (b) The application shall identify the contract or contracts under which the work in question is to be performed. Permission will be given for deductions only on specific, identified contracts, except upon a showing of exceptional circumstances.
- (c) The application shall state affirmatively that there is compliance with the standards set forth in the provisions of SS 3.6. The affirmation shall be accompanied by a full statement of the facts indicating such compliance.
- (d) The application shall include a description of the proposed deduction, the purpose to be served thereby, and the classes of laborers or mechanics from whose wages the proposed deduction would be made.
- (e) The application shall state the name and business of any third person to whom any funds obtained from the proposed deductions are to be transmitted and the affiliation of such person, if any, with the applicant.

Section 3.8 – Action by the Secretary of Labor upon applications.

The Secretary of Labor shall decide whether or not the requested deduction is permissible under provisions of SS 3.6; and shall notify the applicant in writing of his decision.

Section 3.9 – Prohibited payroll deductions.

Deductions not elsewhere provided for by this part and which are not found to be permissible under SS 3.6 are prohibited.

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Section 3.10 – Methods of payment of wages.

The payment of wages shall be by cash, negotiable instruments payable on demand, or the additional forms of compensation for which deductions are permissible under this part. No other methods of payment shall be recognized on work subject to the Copeland Act.

Section 3.11 – Regulations part of contract.

All contracts made with respect to the construction, prosecution, completion, or repair of any public building or public work or building or work financed in whole or in part by loans or grants from the United States covered by the regulations in this part shall expressly bind the contractor or subcontractor to comply with such of the regulations in this part as may be applicable. In this regard, see SS 5.5(a) of this subtitle.

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OPPORTUNITY PROVISIONS**

1. Enumeration of Plans, Specifications and Addenda
2. Stated Allowances
3. Special Hazards
4. Contractor's and Subcontractor's Public Liability, Vehicle Liability and Property Damage Insurance
5. Photographs of Project
6. Schedule of Occupational Classifications and Minimum Hourly Wage Rates
7. Builder's Risk Insurance
8. Special Equal Opportunity Provisions
9. Certification of Compliance with Air and Water Acts
10. Special Conditions Pertaining to Hazards, Safety Standards and Accident Prevention
11. Energy Efficiency
12. Access to Records
13. Wage Rate Determination(s)
14. Contract Work Hours and Safety Standards Act

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Following are the Plans, Specifications and Addenda which form a part of this Contract, as set forth in paragraph 1 of the General Conditions, "Contract and Contract Documents":

DRAWINGS:

General Construction: Nos. T-1, CR-1, D-1, A-1 and A-2,
S-1 thru S-2

Heating and Ventilating: Nos. M-1, M-2, M-3, M-4

Plumbing: Nos. P-1, P-2

Electrical: Nos. E-1, E-2, E-3, E-4

SPECIFICATIONS:

General Construction: Divisions 00 to 10, inclusive

Plumbing Heating and Ventilating: Division 15, inclusive, and as shown on plans

Electrical: Division 16, inclusive, and as shown on plans

ADDENDA:

No. 01 Date No. Date

No. 02 Date No. Date

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2. Stated Allowances

Pursuant to Paragraph 36 of the General Conditions, the Contractor shall include the following cash allowances in his proposal:

- (a) For Thermostat Covers (not in HVAC Specifications on Drawings) – Allow \$250 per cover
(to be approved by Owner) – x 3 thermostat covers total \$ 750.00.

- (b) For Exterior Sconce Light Fixture 'M' (Listed in Light Fixture Schedule on Drawings as
"Selected by Architect) – Allow \$250 per sconce fixture (to be approved by Owner)
– x 3 sconce fixtures total \$ 750.00.

3. Special Hazards

The Contractor's and his Subcontractor's Public Liability and Property Damage Insurance shall provide adequate protection against the following special hazards:

- (a) Not Applicable (existing structure built AFTER 1990. EPA banned asbestos-containing products and uses in new products as of August 25, 1989) :
<https://www.epa.gov/asbestos/epa-actions-protect-public-exposure-asbestos>

- (b) Not Applicable (existing structure built AFTER 1978. EPA banned commercial uses of lead-based paint in 1978) : <https://www.epa.gov/lead/protect-your-family-sources-lead>

4. Contractor's and Subcontractor's Public Liability, Vehicle Liability and Property Damage Insurance

As required under paragraph 28 of the General Conditions, the Contractor's Public Liability Insurance and Vehicle Insurance shall be in an amount not less than \$1,000,000 for injuries, including accidental death, to any one person, and subject to the same limit for each person, in an amount not less than \$2,000,000 on account of one accident, and Contractor's Property Damage Insurance in an amount not less than \$2,000,000 .

The Contractor shall either (1) require each of his Subcontractors to procure and to maintain during the life of his subcontract, Subcontractor's Public Liability and Property Damage Insurance of the type and in the same amounts as specified in the preceding paragraph, or (2) insure the activities of his Subcontractors in his own policy.

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5. Photographs of Project

As provided in paragraph 30 of General Conditions, the Contractor will furnish photographs in the number, type and stage as enumerated below:

- (a) In the case that concrete reinforcing may be covered/encased/enclosed WITHOUT inspection by Inspection Engineer or Architect, ALL concrete reinforcing shall be documented with date-stamped photos, showing tape measured dimensions of bar size and spacing. This should only be done as a LAST RESORT to maintain project schedule, if deemed NECESSARY and is approved in advance by Owner and Architect.

6. Schedule of Occupational Classifications and Minimum Hourly Wage Rate as required under paragraph 53 of the General Conditions

Given in Section 13 of Supplementary Conditions (Below), and shall be confirmed or updated within NINE (9) days of Bid Opening.

7. Builder's Risk Insurance

As provided in the General Conditions, paragraph 28(e), the Contractor will / ~~will not~~* maintain Builder's Risk Insurance (fire and extended coverage) on a 100 percent completed value basis on the insurable portions of the project for the benefit of the Owner, the Contractor and all Subcontractors, as their interests may appear.

* Strike out one.

Construction contracts or subcontracts exceeding \$100,000 must be covered in compliance with requirements of 2 CFR Part 200 Omni Circular (Paragraph 200.310 Insurance coverage).

8. Special Equal Opportunity Provisions

- A. 3-Paragraph Equal Opportunity Clause for Activities and Contracts Not subject to Executive Order 11246, as Amended (applicable to Federally assisted construction contracts and related subcontracts \$10,000 and under)
During the performance of this Contract, the Contractor agrees as follows:

- 1. The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. The Contractor shall take affirmative action to ensure that applicants for employment are employed, and that employees are treated during employment, without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

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2. The Contractor shall post in conspicuous places, available to employees and applicants for employment, notices to be provided by contracting officer setting forth the provisions of this nondiscrimination clause. The Contractor shall state that all qualified applicants will receive consideration for employment without regard to race, color, religion, or sex or national origin.
3. Contractors shall incorporate forgoing requirements in all subcontracts.

B. Executive Order 11246 (contracts/subcontracts above \$10,000)

1. Section 202 Equal Opportunity Clause

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

- a. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.
- b. The contractor will, in all solicitations or advancements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.
- c. The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.
- d. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

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e. The contractor will comply with all provisions of Executive Order No. 11246 of Sept. 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

f. The contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

g. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of Sept. 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

h. The contractor will include the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States." [Sec. 202 amended by EO 11375 of Oct. 13, 1967, 32 FR 14303, 3 CFR, 1966-1970 Comp., p. 684, EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p. 230, EO 13665 of April 8, 2014, 79 FR 20749, EO 13672 of July 21, 2014, 79 FR 42971]

2. Notice of Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246) (applicable to contract/subcontracts exceeding \$10,000)

a. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Affirmative Action Compliance Requirements for Construction clause", set forth herein.

b. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Goals for Minority
Participation
12%

Goals for Female
Participation
6.9%

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These goals are applicable to all the Contractor's construction work (whether or not it is Federal or Federally assisted) performed in the covered area. If the Contractor performs construction work in a geographic area located outside of the covered area, it shall apply the goals established for such geographic area where the work is actually performed. Goals are published periodically in the *Federal Register* in notice form, and these notices may be obtained from any Office of Federal Contract Compliance Programs office.

The Contractor's compliance with Executive Order 11246, as amended, and the regulations in 41 CFR 60-4 shall be based on (1) its implementation of the Equal Opportunity Clause, (2) specific affirmative action obligations required by the clause entitled *Affirmative Action Compliance Requirements for Construction*, and (3) its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade. The Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the Contract, Executive Order 11246, as amended, and the regulations in 41 CFR 60-4. Compliance with the goals will be measured against the total work hours performed.

- c. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days following award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the Subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the contract is to be performed.
 - d. As used in this notice, and in any contract resulting from this solicitation, the "covered area" is LaRue County, KY (insert description of the geographical areas where the contract is to be performed giving the state, county, and city, if any).
3. Affirmative Action Compliance Requirements for Construction (Executive Order 11246)
- a. As used in these specifications:
 - (1) "Covered area" means the geographical area described in solicitation from which this Contract resulted.
 - (2) "Deputy Assistant Secretary" means the Deputy Assistant Secretary for the Office of Federal Contract Compliance Program, United States Department of Labor, or a designee.

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- (3) "Employer identification number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941.
- (4) *Gender Identity* has the meaning given by the Department of Labor's Office of Federal Contract Compliance Programs, and is found at www.dol.gov/ofccp/LGBT/LGBT_Faq's.html.
- (5) *Sexual Orientation* has the meaning given by the Department of Labor's Office of Federal Contract Compliance Programs, and is found at www.dol.gov/ofccp/LGBT/LGBT_Faq's.html.
- (6) "Minority" includes:
 - (a) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin).
 - (b) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race).
 - (c) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent or the Pacific Islands).
 - (d) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
- (7) Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 this clause and the Notice containing the goals for minority and female participation which is stated in the solicitations from which this Contract resulted.
- (8) If the Contractor is participating (pursuant to 41 CFR 60-4) in a Hometown Plan approved by the U. S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the plan area (including goals) shall comply with that plan for those trades which have unions participating in the plan. Contractors must be able to demonstrate their participation in, and compliance with, the provisions of the plan. Each Contractor or Subcontractor participating in an approved plan is also required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the plan in each trade in which it has employees. The overall good faith performance by other Contractors or Subcontractors toward a goal in an approved Plan does not excuse any Contractor's or Subcontractor's failure to take good faith efforts to achieve the plan's goals.

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- (9) The Contractor shall implement the specific affirmative action standards provided in paragraphs 10a through p of this clause. The goals stated in the solicitation from which this Contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization that the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction Contractors- performing contracts in geographical areas where they do not have a Federal or Federally-assisted construction contract shall apply the minority and female goals established for the geographic area where the contract is being performed. The Contractor is expected to make substantially uniform progress toward its goals in each craft.
- (10) Neither the terms and conditions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under this clause, Executive Order 11246, as amended, or the regulations thereunder.
- (11) In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U. S. Department of Labor.
- (12) The Contractor shall take affirmative action to ensure equal employment opportunity. The evaluation of the Contractor's compliance with this clause shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully and shall implement affirmative action steps at least as extensive as the following:
- (a) Ensure and maintain a working environment free of harassment, intimidation and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, if possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that foremen, superintendents and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at these sites or facilities.
 - (b) Establish and maintain a current list of sources for minority and female recruitment. Provide written notification to minority and female recruitment sources and community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organization's responses.

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- (c) Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant, referrals of minorities or females from unions, recruitment sources, or community organizations and the action taken with respect to each individual. If an individual was sent to the union hiring hall for referral and not referred back to the Contractor by the union or, if referred back, not employed by the Contractor, this shall be documented in the file, along with whatever additional actions the Contractor may have taken.
- (d) Immediately notify the Deputy Assistant Secretary when the union or unions with which the Contractor has a collective bargaining agreement has not referred back to the Contractor a minority or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
- (e) Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under subparagraph 10b of this clause.
- (f) Disseminate the Contractor's EEO policy by-
 - (i) providing notice of the policy to unions and to training, recruitment and outreach programs, and requesting their cooperation in assisting the Contractor in meeting its EEO obligations;
 - (ii) Including the policy in any policy manual and collective bargaining agreements;
 - (iii) Publicizing the policy in the company newspaper, annual report, etc.;
 - (iv) Review the policy with all management personnel at least once a year; and
 - (v) Posting the policy on bulletin boards accessible to all employees at each location where construction work is performed.

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- (g) Review, at least annually, the contractor's Equal Employment Opportunity policy and affirmative action obligations with all employees having responsibility for hiring, assignment, layoff, termination or other employment decisions. Conduct review of this policy with all onsite supervisory personnel before initiating construction work at a job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed and disposition of the subject matter.
- (h) Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media. Provide written notification to and discuss the policy with other Contractors and Subcontractors with which the Contractor does or anticipates doing business.
- (i) Direct recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month before the date for the acceptance of applications for apprenticeship or training by any recruitment source, send written notification to organizations such as the above, describing the openings, screening procedures and tests to be used in the selection process.
- (j) Encourage present minority and female employees to recruit minority persons and women. Where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.
- (k) Validate all tests and other selection requirements required under 41 CFR Part 60-3.
- (l) Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities. Encourage these employees to seek or to prepare for, through appropriate training, etc., opportunities for promotion.
- (m) Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the Contractor's obligations under these specifications are being carried out.

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- (n) Ensure that all facilities and company activities are non-segregated except that separate or single-use restrooms and necessary dressing or sleeping areas shall be provided to assure privacy between the sexes.
 - (o) Maintain a record of solicitations for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
 - (p) Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's Equal Employment Opportunity policy and affirmative action obligations.
- (13) The Contractor is encouraged to participate in voluntary associations that may assist in fulfilling one or more of the affirmative action obligations contained in subparagraphs 10(a) through (p) of this clause. The efforts of a contractor association, joint contractor-union, contractor-community, or similar group of which the Contractor is a member and participant, may be asserted as fulfilling one or more of its obligations under 10(a) through (p) of this clause provided that the Contractor-
- (a) actively participates in the group;
 - (b) makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry;
 - (c) ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation;
 - (d) makes a good faith effort to meet its individual goals and timetables;
 - (e) Can provide access to documentation that demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply is the Contractor's, and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's non-compliance.
- (14) A single goal for minorities and a separate single goal for women shall be established. The Contractor is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of Executive Order 11246, as amended, if a particular group is employed in a substantially disparate manner.).

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- (15) The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, sexual orientation, gender identity, or national origin.
- (16) The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts under Executive Order 11246, as amended.
- (17) The Contractor shall carry out such sanctions and penalties for violation of this clause and of the Equal Employment Opportunity Clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered under Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any failure to carry out such sanctions and penalties shall be in violation of this clause and Executive Order 11246, as amended.
- (18) The Contractor, in fulfilling its obligations under this clause, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 10 of this clause, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of Executive Order 11246 as amended, the implementing regulations or these specifications, the Deputy Assistant Director shall proceed in accordance with 41 CFR 60-4.8.
- (19) The Contractor shall designate a responsible official to-
 - (a) monitor all employment related activity to ensure that the Contractor's Equal Employment policy is being carried out;
 - (b) to submit reports as may be required by the Government and;
 - (c) Keep records that shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; *however*, to the degree that existing records satisfy this requirement, separate records are not required to be maintained.
- (20) Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

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C. Certification of Nonsegregated Facilities (over \$10,000)

By the submission of this bid, the bidder, offeror, applicant or subcontractor certifies that s/he does not maintain or provide for his/her employees any segregated facility at any of his/her establishments, and that s/he does not permit employees to perform their services at any location, under his/her control, where segregated facilities are maintained. S/he certifies further that s/he will not maintain or provide for employees any segregated facilities at any of his/her establishments, and s/he will not permit employees to perform their services at any location under his/her control where segregated facilities are maintained. The bidder, offeror, applicant or subcontractor agrees that a breach of this certification is a violation of the Equal Employment Opportunity Clause of this Contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas transportation and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, sex, sexual orientation, gender identity or national origin, because of habit, local custom or otherwise. The term does not include separate or single-user restrooms or necessary dressing or sleeping areas provided to assure privacy between the sexes. S/he further agrees that (except where he/she has obtained identical certifications. from proposed Subcontractors for specific time periods) he/she will obtain identical certification from proposed Subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause; that he/she will retain such certifications in his/her files; and that he/she will forward the following notice to such proposed Subcontractors (except where proposed Subcontractors have submitted identical certifications for specific time periods).

D. Title VI Clause, Civil Rights Act of 1964

Under Title VI of the Civil Rights Act of 1964, no person shall, on the grounds of race, color or national origin be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

E. Section 109 Clause, Housing and Community Development Act of 1974

No person in the United States shall on the grounds of race, color national origin or sex be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity funded in whole or in part with funds made available under this title.

F. "Section 3" Compliance in the Provision of Training, Employment and Business Opportunities (Over \$100,000)

1. The work to be performed under this Contract is on a project assisted under a program providing direct Federal financial assistance from the Department of Housing

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and Urban Development and is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701 u. Section 3 requires that to the greatest extent feasible, opportunities for training and employment be given low and very low income residents of the project area (including public housing residents and persons with disabilities) and contracts for work in connection with the project be awarded to business concerns which are owned by or employee low and very low income residents of the project area.

2. The parties to this Contract will comply with the provisions of said Section 3 and the regulations issued pursuant thereto by the Secretary of Housing and Urban Development set forth in 24 CFR 135, and all applicable rules and orders of the Department issued thereunder prior to the execution of this Contract. The parties to this Contract certify and agree that they are under no contractual or other disability which would prevent them from complying with these requirements.
3. The Contractor will send to each labor organization or representative of workers with which he has a collective bargaining agreement or other contract of understanding, if any, a notice advising the said labor organization or workers' representative of his commitments under this Section 3 clause and shall post copies of the notice in conspicuous places available to employees and applicants for employment or training.
4. The Contractor will include this Section 3 clause in every subcontract for work in connection with the project and will, at the direction of the applicant for or recipient of Federal financial assistance, take appropriate action pursuant to the subcontract upon a finding that the Subcontractor is in violation of regulations issued by the Secretary of Housing and Urban Development, 24 CFR Part 135. The Contractor will not subcontract with any Subcontractor where it has notice or knowledge that the latter has been found in violation of regulations under 24 CFR Part 135 and will not let any subcontract unless the Subcontractor has first provided it with a preliminary statement of ability to comply with the requirements of these regulations.
5. Compliance with the provisions of Section 3, the regulations set forth in 24 CFR Part 135, and all applicable rules and orders of the Department issued hereunder prior to the execution of the Contract, shall be a condition of the Federal financial assistance provided to the project, binding upon the applicant or recipient for such assistance, its successors and assigns. Failure to fulfill these requirements shall subject the applicant or recipient, its contractors and subcontractors, its successors and assigns to those sanctions specified by the grant or loan agreement or contract through which Federal assistance is provided, and to such sanctions as are specified in 24 CFR Part 135.

G. Rehabilitation Act of 1973, Section 503 Handicapped (if \$10,000 or over)

Affirmative Action for Handicapped Workers

1. The Contractor will not discriminate against any employee or applicant for

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employment because of physical or mental handicap in regard to any position for which the employee or applicant for employment is qualified. The Contractor agrees to take affirmative action to employ, advance in employment and otherwise treat qualified handicapped individuals without discrimination based upon their physical or mental handicap in all employment practices such as the following: employment, upgrading, demotion or transfer, recruitment, advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship.

- a. The Contractor agrees to comply with the rules, regulations and relevant orders of the Secretary of Labor issued pursuant to the Act.
 - b. In the event of the Contractor's non-compliance with the requirements of this clause, actions for non-compliance may be taken in accordance with the rules, regulations, and relevant orders of the Secretary of Labor issued pursuant to the Act.
 - c. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment notices in a form to be prescribed by the Director, provided by or through the contracting officer. Such notices shall state the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified handicapped employees and applicants for employment, and the rights of applicants and employees.
 - d. The Contractor will notify each labor union or representative of workers with which it has a collective bargaining agreement or other contract understanding, that the Contractor is bound by the terms of Section 503 of the Rehabilitation Act of 1973, and is committed to take affirmative action to employ and advance in employment physical and mentally handicapped individuals.
 - e. The Contractor will include the provisions of this clause in every subcontract or purchase order of \$10,000 or more unless exempted by rules, regulations or orders of the Secretary issued pursuant to Section 503 of the Act, so that such provisions will be binding upon each Subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the Director of the Office of Federal Contract Compliance Programs may direct to enforce such provisions, including action for non-compliance.
- H. Vietnam Era Veterans' Readjustment Assistance Act of 1974, as amended; 41 CFR Part 60-250 (if \$100,000 or over)
1. The contractor will not discriminate against any employee or applicant for employment because he or she is a special disabled veteran or veteran of the Vietnam era in regard to any position for which the employee or applicant for employment is qualified. The contractor agrees to take affirmative action to employ, advance in employment and otherwise treat qualified individuals without discrimination based on their status as a special disabled veteran or veteran of the Vietnam era in all employment practices, including the following:
 - 2.

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- i. recruitment, advertising, and job application procedures
 - ii. hiring, upgrading, promotion, award of tenure, demotion, transfer, layoff, termination, right of return from layoff and rehiring;
 - iii. rates of pay or any other form of compensation and changes in compensation;
 - iv. job assignments, job classifications, organizational structures, position descriptions, lines of progression, and seniority lists;
 - v. leaves of absence, sick leave, or any other leave;
 - vi. fringe benefits available by virtue of employment, whether or not administered by the contractor
 - vii. selection and financial support for training, including apprenticeship, and on-the-job training under 38 U.S.C 3687, professional meetings, conferences, and other related activities, and selection for leaves of absence to pursue training;
 - viii. activities sponsored by the contractor including social or recreational programs; and
 - ix. any other term, condition, or privilege of employment.
3. The contractor agrees to immediately list all employment openings which exist at the time of the execution of this contract and those which occur during the performance of this contract, including those not generated by this contract and including those occurring at an establishment of the contractor other than the one wherein the contract is being performed, but excluding those of independently operated corporate affiliates, at an appropriate local employment service office of the state employment security agency wherein the opening occurs. Listing employment openings with the U.S. Department of Labor's America's Job Bank shall satisfy the requirement to list jobs with the local employment service office.
4. Listing of employment openings with the local employment service office pursuant to this clause shall be made at least concurrently with the use of any other recruitment source or effort and shall involve the normal obligations which attach to the placing of a bona fide job order, including the acceptance of referrals of veterans and nonveterans. The listing of employment openings does not require the hiring of any particular job applicants or from any particular group of job applicants, and nothing herein is intended to relieve the contractor from any requirements in Executive orders or regulations regarding nondiscrimination in employment.
5. Whenever the contractor becomes contractually bound to the listing provisions in paragraphs 2 and 3 of this clause, it shall advise the state employment security agency in each state where it has establishments of the name and location of each hiring location in the state, provided that this requirement shall not apply to state and local governmental contractors. As long as the contractor is contractually bound to these provisions and has so advised the state agency, there is no need to advise the state agency of subsequent contracts. The contractor may advise the state agency when it is no longer bound by this contract clause.
6. The provisions of paragraphs 2 and 3 of this clause do not apply to the listing of employment openings which occur and are filled outside of the 50 states, the District of Columbia, the Commonwealth of Puerto Rico, Guam, and the Virgin Islands.

Supplementary General Conditions (page 17 of 29)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

7. As used in this clause:

- i. All employment openings includes all positions except executive and top management, those positions that will be filled from within the contractor's organization, and positions lasting three days or less. This term includes full-time employment, temporary employment of more than three days' duration, and part-time employment.
- ii. Executive and top management means any employee:
 - a) Whose primary duty consists of the management of the enterprise in which he or she is employed or of a customarily recognized department or subdivision thereof; and
 - b) who customarily and regularly directs the work of two or more other employees therein; and
 - c) who has the authority to hire or fire other employees or whose suggestions and recommendations as to the hiring or firing and as to the advancement and promotion or any other change of status of other employees will be given particular weight; and
 - d) who customarily and regularly exercises discretionary powers; and
 - e) who does not devote more than 20 percent, or, in the case of an employee of a retail or service establishment who does not devote as much as 40 percent, of his or her hours of work in the work week to activities which are not directly and closely related to the performance of the work described in (a) through (d) of this paragraph 6. ii.; Provided, that (e) of this paragraph 6.ii. shall not apply in the case of an employee who is in sole charge of an independent establishment or a physically separated branch establishment, or who owns at least a 20-percent interest in the enterprise in which he or she is employed.
- iii. Positions that will be filled from within the contractor's organization means employment openings for which no consideration will be given to persons outside the contractor's organization (including any affiliates, subsidiaries, and parent companies) and includes any openings which the contractor proposes to fill from regularly established "recall" lists. The exception does not apply to a particular opening once an employer decides to consider applicants outside of his or her own organization.

7. The contractor agrees to comply with the rules, regulations, and relevant orders of the Secretary of Labor issued pursuant to the Act.

8. In the event of the contractor's noncompliance with the requirements of this clause, actions for noncompliance may be taken in accordance with the rules, regulations, and relevant orders of the Secretary of Labor issued pursuant to the Act.

Supplementary General Conditions (page 18 of 29)

PROCUREMENT AND CONTRACTING REQUIREMENTS

9. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices in a form to be prescribed by the Deputy Assistant Secretary for Federal Contract Compliance Programs, provided by or through the contracting officer. Such notices shall state the rights of applicants and employees as well as the contractor's obligation under the law to take affirmative action to employ and advance in employment qualified employees and applicants who are special disabled veterans or veterans of the Vietnam era. The contractor must ensure that applicants or employees who are special disabled veterans are informed of the contents of the notice (e.g., the contractor may have the notice read to a visually disabled individual, or may lower the posted notice so that it might be read by a person in a wheelchair).
 10. The contractor will notify each labor organization or representative of workers with which it has a collective bargaining agreement or other contract understanding, that the contractor is bound by the terms of the Vietnam Era Veterans' Readjustment Assistance Act of 1974, as amended, and is committed to take affirmative action to employ and advance in employment qualified special disabled veterans and veterans of the Vietnam era.
 11. The contractor will include the provisions of this clause in every subcontract or purchase order of \$10,000 or more, unless exempted by the rules, regulations, or orders of the Secretary issued pursuant to the Vietnam Era Veterans' Readjustment Assistance Act of 1974, as amended, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the Deputy Assistant Secretary for Federal Contract Compliance Programs may direct to enforce such provisions, including action for noncompliance.
- I. Age Discrimination Act of 1975

During the performance of this Contract, the Contractor agrees as follows: the Contractor agrees not to exclude from participation, deny program benefits, or discriminate on the basis of age.

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

9. Certification of Compliance with Air and Water Acts (applicable to Federally-assisted construction contracts and related subcontracts exceeding (\$100,000))

During the performance of this Contract, the Contractor and all Subcontractors shall comply with the requirements of the Clean Air Act, as amended, 42 USC 1857 et seq., the Federal Water Pollution Control Act, as amended, 33 USC 1251 et seq., and the regulations of the Environmental Protection Agency with respect thereto, at 40 CFR Part 15, as amended.

In addition to the foregoing requirements, all "nonexempt" Contractors and Subcontractors shall furnish to the Owner, the following:

- A. A stipulation by the Contractor or Subcontractors, that any facility to be utilized in the performance of any nonexempt contract or subcontract, is not listed on the List of Violating Facilities issued by the Environmental Protection Agency (EPA) pursuant to 40 CFR 15.20.
- B. Agreement by the Contractor to comply with all the requirements of Section 114 of the Clean Air Act, as amended, (42 USC 1857c-8) and Section 308 of the Federal Water Pollution Control Act, as amended, (33 USC 1318) relating to inspection, monitoring, entry, reports and information, as well as all other requirements specified in said Section 114 and Section 308, and all regulations and guidelines issued thereunder.
- C. A stipulation that as a condition for the award of the Contract, prompt notice will be given of any notification received from the Director, Office of Federal Activities, EPA, indicating that a facility utilized, or to be utilized for the Contract, is under consideration to be listed on the EPA List of Violating Facilities.
- D. Agreement by the Contractor that he will include, or cause to be included, the criteria and requirements in paragraphs A through D of this section in every nonexempt subcontract and requiring that the Contractor will take such actions as the Government may direct as a means of enforcing such provisions.

10. Special Conditions Pertaining to Hazards, Safety Standards and Accident Prevention

- A. Lead-Based Paint Hazards (applicable to contracts for construction or rehabilitation of residential structures)

The construction or rehabilitation of residential structures is subject to the HUD Lead-Based Paint regulations, 24 CFR Part 35. The Contractor and Subcontractors shall comply with the provisions for the elimination of lead-based paint hazards under sub-part B of said regulations. The Owner will be responsible for the inspections and certifications required under Section 35.14(f) thereof.

Supplementary General Conditions (page 20 of 29)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

B. Use of Explosives (modify as required)

When the use of explosives is necessary for the prosecution of the work, the Contractor shall observe all local, State and Federal laws in purchasing and handling of explosives. The Contractor shall take all necessary precaution to protect completed work, neighboring property, water lines or other underground structures. Where there is danger to structures or property from blasting, the charges shall be reduced and the material shall be covered with suitable timer, steel or rope mats. The Contractor shall notify all owners of public utility property of intention to use explosives at least eight hours before blasting is done close to such property. Any supervision or direction of use of explosives by the Engineer, does not in any way reduce the responsibility of the Contractor or his Surety for damages that may be caused by such use.

C. Danger Signals and Safety Devices (modify as required)

The Contractor shall make all necessary precautions to guard against damages to property and injury to persons. He shall put up and maintain in good condition, sufficient red or warning lights at night, suitable barricades and other devices necessary to protect the public. In case the Contractor fails or neglects to take such precautions, the Owner may have such lights and barricades installed and charge the cost of this work to the Contractor. Such action by the Owner does not relieve the Contractor of any liability incurred under these specifications or Contract.

11. Energy Efficiency

The Contractor shall recognize mandatory standards and policies relating to energy efficiency, which are contained in the State Energy Conservation Plan issued in Compliance with the Energy Policy and Conservation Act.

12. Access to Records

The Contractor shall maintain accounts and project records, including personnel, property and financial records, adequate to identify and account for all costs pertaining to the Contract and such other records as may be deemed necessary by the City to assure proper accounting for all project funds, both CDBG and non-CDBG shares. These records will be made available to the City, the Department of Local Government, Commonwealth of Kentucky Finance & Administration Cabinet, Commonwealth of Kentucky Auditor of Public Audits, Commonwealth of Kentucky Legislative Research Commission, U.S. Department of Housing and Urban Development, the U. S. Department of Labor, and the Comptroller General of the United States, or any of their duly authorized representatives. These parties shall have access to any books, documents, papers and records of the Contractor, which are directly pertinent to the project, for the purpose of making audit, examination, excerpts and transcriptions. All records shall be maintained for five years after project closeout.

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PROCUREMENT AND CONTRACTING REQUIREMENTS**13. Wage Rate Determination(s) – FOR REFERENCE ONLY
(to be confirmed /updated within 9 days of bid date)**

"General Decision Number: KY20230105 08/18/2023

Superseded General Decision Number: KY20220105

State: Kentucky

Construction Type: Building

Counties: Larue and Meade Counties in Kentucky.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

| | |
|---|---|
| If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022: | . Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$16.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2023. |
| If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022: | . Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$12.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2023. |

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DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

| Modification Number | Publication Date |
|---------------------|------------------|
| 0 | 01/06/2023 |
| 1 | 01/13/2023 |
| 2 | 05/05/2023 |
| 3 | 06/09/2023 |
| 4 | 07/14/2023 |
| 5 | 08/18/2023 |

BOIL0040-001 01/01/2021

| | Rates | Fringes |
|------------------|----------|---------|
| BOILERMAKER..... | \$ 37.60 | 27.49 |

ELEC0369-015 06/01/2022

| | Rates | Fringes |
|------------------|----------|---------|
| ELECTRICIAN..... | \$ 34.60 | 19.57 |

ENGI0181-054 06/01/2021

| | Rates | Fringes |
|--|----------|---------|
| POWER EQUIPMENT OPERATOR (Drill)..... | \$ 33.90 | 17.85 |

ENGI0181-079 06/01/2021

| | Rates | Fringes |
|---|----------|---------|
| POWER EQUIPMENT OPERATOR (Loader)..... | \$ 33.90 | 17.85 |

Supplementary General Conditions (page 23 of 29)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

ENGIO181-081 06/01/2021

| | Rates | Fringes |
|---|----------|---------|
| POWER EQUIPMENT OPERATOR (Crane) | \$ 34.99 | 17.85 |

CRANES WITH BOOM 150 FEET & OVER, INCLUDING JIB, SHALL
RECEIVE \$.75 ABOVE THE WAGE RATE; 250 FEET AND OVER,
INCLUDING JIB, SHALL RECEIVE \$1.50 ABOVE THE WAGE RATE.
ALL CRANES WITH PILING LEADS WILL RECEIVE \$.50 ABOVE THE
WAGE, REGARDLESS OF BOOM LENGTH.

ENGIO181-082 06/01/2021

| | Rates | Fringes |
|--|----------|---------|
| POWER EQUIPMENT OPERATOR (Forklift) | \$ 31.90 | 17.85 |

ENGIO181-093 06/01/2021

| | Rates | Fringes |
|---|----------|---------|
| POWER EQUIPMENT OPERATOR (Oiler) | \$ 28.48 | 17.85 |

IRON0044-017 06/01/2023

| | Rates | Fringes |
|------------------------------|----------|---------|
| IRONWORKER, ORNAMENTAL | \$ 32.37 | 22.70 |

IRON0070-014 06/01/2023

| | Rates | Fringes |
|--|----------|---------|
| IRONWORKER (Structural and Reinforcing) | \$ 32.59 | 24.50 |

LABO0576-020 07/01/2023

| | Rates | Fringes |
|---|----------|---------|
| LABORER (Mason Tender - Cement/Concrete, Power Tool Operator) | \$ 22.19 | 12.18 |

* PLUM0502-006 08/01/2023

| | Rates | Fringes |
|---------------|----------|---------|
| PLUMBER | \$ 40.20 | 24.33 |

Supplementary General Conditions (page 24 of 29)

David C. Hennen, Architect, PLC
Project #2114

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LaRue County Senior Center
Hodgenville, Kentucky

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

* PLUM0502-019 08/01/2023

| | Rates | Fringes |
|-----------------|----------|---------|
| PIPEFITTER..... | \$ 40.20 | 24.33 |

 SFKY0669-001 01/01/2023

| | Rates | Fringes |
|--|----------|---------|
| SPRINKLER FITTER (Fire Sprinklers)..... | \$ 39.52 | 23.17 |

 SHEE0110-005 06/01/2021

| | Rates | Fringes |
|--|----------|---------|
| SHEET METAL WORKER (Includes HVAC Duct Installation)..... | \$ 33.74 | 23.31 |

 * UAVG-KY-0019 01/01/2023

| | Rates | Fringes |
|--|----------|---------|
| ASBESTOS WORKER/HEAT & FROST INSULATOR..... | \$ 30.37 | 20.11 |

 * SUKY2015-044 06/02/2015

| | Rates | Fringes |
|---|----------|---------|
| ASBESTOS WORKER/HEAT & FROST INSULATOR..... | \$ 26.83 | 12.67 |
| BRICKLAYER..... | \$ 24.24 | 8.25 |
| 8.06 | | |
| CARPENTER (Acoustical Ceiling Installation Only)..... | \$ 25.39 | 8.16 |
| CARPENTER (Drywall Hanging and Metal Stud Installation Only)..... | \$ 21.72 | 13.52 |
| CARPENTER (Floor Laying-Vinyl Only)..... | \$ 29.99 | 1.32 |
| CARPENTER (Form Work Only)..... | \$ 22.19 | 12.25 |
| CARPENTER, excludes Acoustical Ceiling Installation, Drywall Hanging and Metal Stud Installation, Formwork and Floor Laying - Vinyl..... | \$ 23.45 | 9.20 |

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DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

| | | |
|--|-------------|-------|
| CEMENT MASON/CONCRETE FINISHER... | \$ 20.21 | 9.70 |
| LABORER: Common or General..... | \$ 18.87 | 5.29 |
| LABORER: Mason Tender - Brick... | \$ 19.24 | 3.79 |
| LABORER: Pipelayer..... | \$ 20.36 | 9.90 |
| OPERATOR: | | |
| Backhoe/Excavator/Trackhoe..... | \$ 24.35 | 13.00 |
| OPERATOR: Bulldozer..... | \$ 21.49 | 3.84 |
| OPERATOR: Paver (Asphalt, Aggregate, and Concrete)..... | \$ 22.52 | 4.00 |
| OPERATOR: Roller..... | \$ 23.60 | 12.65 |
| PAINTER (Brush and Roller)..... | \$ 20.83 | 11.84 |
| PAINTER: Spray..... | \$ 22.81 | 11.87 |
| ROOFER..... | \$ 20.61 | 5.12 |
| TILE FINISHER..... | \$ 15.42 ** | 5.63 |
| TILE SETTER..... | \$ 22.64 | 6.10 |
| TRUCK DRIVER: Dump Truck..... | \$ 23.60 | 8.03 |
| ----- | | |

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====

** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$16.20) or 13658 (\$12.15). Please see the Note at the top of the wage determination for more information.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including

Supplementary General Conditions (page 26 of 29)

DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

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DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

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DIVISION 00

PROCUREMENT AND CONTRACTING REQUIREMENTS

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISIO"

14. Contract Work Hours and Safety Standards Act

All grantees and subgrantee's contracts must contain provisions requiring compliance with sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 USC 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5) where construction contracts are awarded by grantees or subgrantees in excess of \$2,000, and in excess of \$2,500 for other contracts involving the employment of mechanics and laborers.

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DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS

00 81 00 ADDITIONAL PROJECT INFORMATION (PERMIT)

The following documents are included herein (following 4 pages) for reference/use of the General Contractor and relevant subcontractors:

1. Conditional Approval Letter (dated 20 January 2023) from Kentucky Department of Housing, Buildings and Construction
2. ComCheck Compliance Certifications for:
 - a. Interior Lighting
 - b. Exterior Lighting
 - c. Mechanical/HVAC



Andy Beshear
Governor

Jacqueline Coleman
Lieutenant Governor

Ray A. Perry
Secretary

PUBLIC PROTECTION CABINET
Department of Housing, Buildings and Construction
Building Codes Enforcement
500 Mero Street, First Floor
Frankfort, KY 40601
Phone: 502-573-0373

Rick Rand
Commissioner

Max Fuller
Deputy Commissioner

January 20, 2023

David Hennen
343 E Main St
Lebanon, KY 40033

RE: 2211-004707
Larue County Senior Citizens Center
Renovation 2022
112 N Walters Ave
Hodgenville, KY 42748 / Larue
Code Year: 2018 Kentucky Building Code
Conditional Approval

Dear David Hennen,

The Division of Building Code Enforcement has reviewed the plans submitted by your organization.

This letter is authorization to start or continue with the construction of the project as listed above and subject to any conditions listed below. Failure of this office to note all violations in the review of plans and specifications does not relieve contractors of the responsibility of complying with the applicable Codes and Regulations.

This authorization does not release the owner from complying with local planning and/or zoning requirements or the requirement to obtain a local building permit. Permits shall be obtained from the respective agencies prior to the installation of plumbing, mechanical, or electrical wiring.

Sincerely,

Jim Bozeman, Building Codes Plans
Reviewer II
james.bozeman@ky.gov

CC: Blake Durrett, Owner
Barry Jones, Building Codes Field Supervisor



Interior Lighting Compliance Certificate

Project Information

Energy Code: 2012 IECC
Project Title: Larue County Senior Citizens Center
Project Type: Alteration

Construction Site:
112 N Walters Avenue
Hodgenville, Kentucky 42748

Owner/Agent:
Larue County
112 N Walters Avenue
Hodgenville, Kentucky 42748

Designer/Contractor:
David Hennen AIA
343 East Main Street
Lebanon, Kentucky 40033

Allowed Interior Lighting Power

| A Area Category | B Floor Area (ft ²) | C Allowed Watts / ft ² | D Allowed Watts |
|--|---------------------------------------|---|-----------------------|
| 1-Common Space Types:Conference / Meeting / Multipurpose | 4318 | 1.20 | 5182 |
| Total Allowed Watts = | | | 5182 |

Proposed Interior Lighting Power

| A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | B Lamps/ Fixture | C # of Fixture | D Watt. | E (C X D) |
|---|------------------------|----------------------|------------|--------------|
| Common Space Types: Conference / Meeting / Multipurpose (4318 sq.ft.) | | | | |
| LED: Other: | 1 | 7 | 40 | 280 |
| LED: Other: | 1 | 36 | 25 | 900 |
| LED: Other: | 1 | 2 | 16 | 32 |
| Total Proposed Watts = | | | | 1212 |

Interior Lighting PASSES

Interior Lighting Compliance
Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2012 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

HARVARD B JOHNSON PE
Name - Title

Signature

Date

11/09/2022



Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2012 IECC
Project Title: Larue County Senior Citizens Center
Project Type: Alteration
Exterior Lighting Zone: 2 (Residential mixed use area (LZ2))

Construction Site:
112 N Walters Avenue
Hodgenville, Kentucky 42748

Owner/Agent:
Larue County
112 N Walters Avenue
Hodgenville, Kentucky 42748

Designer/Contractor:
David Hennen AIA
343 East Main Street
Lebanon, Kentucky 40033

Allowed Exterior Lighting Power

| A Area/Surface Category | B Quantity | C Allowed Watts / | D Tradable Wattage | E Allowed Watts (B X C) |
|--|---------------------|-------------------------|--------------------------|-------------------------------|
| Entry canopy | 750 ft ² | 0.25 | Yes | 188 |
| Illuminated length of facade wall or surface | 280 ft | 2.5 | No | 700 |
| Total Tradable Watts (a) = | | | | 188 |
| Total Allowed Watts = | | | | 888 |
| Total Allowed Supplemental Watts (b) = | | | | 600 |

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.

(b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

| A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | B Lamps/ Fixture | C # of Fixture | D Fixture Watt. | E (C X D) |
|--|------------------------|----------------------|-----------------------|--------------|
| <u>Entry canopy (750 ft²): Tradable Wattage</u> | | | | |
| LED: Other: | 1 | 4 | 25 | 100 |
| <u>Illuminated length of facade wall or surface (280 ft): Non-tradable Wattage</u> | | | | |
| LED: Other: | 1 | 5 | 50 | 250 |
| Total Tradable Proposed Watts = | | | | 100 |

Exterior Lighting PASSES

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2012 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

HARVARD B JOHNSON PE
Name - Title


Signature

11/09/2022
Date



COMcheck Software Version COMcheckWeb
Mechanical Compliance Certificate

Project Information

Energy Code: 2012 IECC
Project Title: Larue County Senior Citizens Center
Location: Hodgenville, Kentucky
Climate Zone: 4a
Project Type: Alteration

Construction Site:
112 N Walters Avenue
Hodgenville, Kentucky 42748

Owner/Agent:
Larue County
112 N Walters Avenue
Hodgenville, Kentucky 42748

Designer/Contractor:
David Hennen AIA
343 East Main Street
Lebanon, Kentucky 40033

Mechanical Systems List

Quantity System Type & Description

- 2 HVAC System (Single Zone):
Heating: 1 each - Central Furnace, Gas, Capacity = 135000 kBtu/h
Proposed Efficiency = 81.00% Et, Required Efficiency: 80.00 % Et
Cooling: 1 each - Split System, Capacity = 60000 kBtu/h, Air-Cooled Condenser, Air Economizer
Proposed Efficiency = 14.00 EER, Required Efficiency = 9.50 EER
Proposed Part Load Efficiency = 10.00 IEER, Required Part Load Efficiency = 9.60 IEER

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2012 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

HARVARD B JOHNSON PE
Name - Title

Harvard B Johnson
Signature

11/09/2022
Date

DIVISION 00
PROCUREMENT AND CONTRACTING REQUIREMENTS

END OF DIVISION

DIVISION 1

GENERAL REQUIREMENTS

01 11 13 SUMMARY OF WORK AND GENERAL INFORMATION

- A. Work includes the Renovation of a **4,300** square foot **Senior Center** building.
- B. This Renovation includes:
 - 1. New finishes: flooring/base, suspended ceilings, and painted walls.
 - 2. New computer area to include new solid surface counter top
 - 3. New solid surface countertops at kitchen
 - 4. New doors/hardware as required for remodel and for safe exiting
 - 5. New hand-free access control for main entrance
 - 6. New hands-free toilet and lavatory fixtures
 - 7. New HVAC with all new ducts and split systems with enhanced filtration and UV purification
 - 8. New hands-free room lighting controls throughout
 - 9. New energy-efficient LED lighting fixtures throughout interior and exterior
- C. Construction is to be Type **V-B**, for Group **A-3** occupancy as defined by the International Building Code, 2015 Edition, as amended by the 2018 Kentucky Building Code.
- D. The Articles of the General Requirements, Division 1, shall modify the General Conditions of the Contract where applicable, shall take precedence over the General Conditions of the Contract.
- E. Architect's Status:
 - 10. The Architect shall be the Owner's representative during the construction period and shall observe the work in progress on behalf of the Owner. He shall have authority to act on behalf of the Owner only to the extent expressly provided in the Contract Documents or otherwise in writing, which will be shown to the contractor. He shall have authority to stop the Work whenever such stoppage may be necessary in his reasonable opinion to insure proper execution of the Contract.
 - 11. The Architect shall be in the first instance, the interpreter of the Conditions of the contract and the judge of its performance. He shall side neither with the Owner nor with the contractor, but shall use his powers under the Contract to enforce its faithful performance by both.
- F. Intent of the Drawings and Specifications:
 - 1. Drawings and Specifications are to be understood as supplemental to each other. Items or Work, which are called for in Drawings but not Specified (or Specified but not shown on Drawings), shall be included or executed as if included in both Drawings and Specifications.
 - 2. If there is a conflicting variance between the Drawings and the Specifications, such variance shall be immediately reported to the Architect who shall promptly clarify the intent in writing. If there is a conflicting variance between the General Conditions and the Specifications, the Specifications shall control.

DIVISION 1

GENERAL REQUIREMENTS

3. Any discrepancies found between the Drawings and Specifications and site conditions or any errors or omissions in the Drawings or Specifications shall be immediately reported to the Architect who shall promptly correct such error or omission in writing. Any work done by the contractor after his discovery of such discrepancies errors or omissions and before receiving written permission to proceed shall be done at the subcontractor's risk.
 4. It is distinctly understood that no extra work or credit of any kind will be allowed except where authorized by a written change order signed jointly by the Contractor, Architect and Owner.
 5. However, if in any portion of the Specifications, authority is vested in the Architect or Engineer to approve extra work or credits or changes of adjustment in the cost of the Work, for whatever reason, or to approve extensions of time it is understood that such authority is conditioned on prior approval, specifically in each case by the Owner.
 6. Neither the Architect's superintendent nor the field superintendents for the Owner have the authority to order any extras or credits or deviations from the Drawings and Specifications except in cases of emergency involving danger of life or property, and in such cases, the Contractor concerned shall notify the Owner promptly in writing.
 7. Contractors shall follow sizes in Specifications or figures on Drawings in preference to scale measurements and follow detail drawings in preference to general drawings.
 8. Where it is obvious that a Drawing illustrates only a part of a given work or of a number of items, the remainder shall be deemed repetitious and so constructed. Where a typical or representative detail is shown on the Drawings, this detail shall constitute the standard in workmanship and material throughout the corresponding parts of the project, subject to approval of the Architect.
- G. Observation and Access to the Work:
1. The Architect and their representative(s) shall have access to the Work at all times and shall be given notice by the contractor in advance before any important or special work is to commence as to the time when such work is to be executed.
 2. Provide written reports of all tests, approvals and guarantees as required by laws, ordinances, public authority, Architect's instructions, or as called for in the Specifications.
 3. Re-examination for questioned Work may be ordered by the Architect, and if so ordered, the Work must be uncovered by the subcontractor. If such Work be found in accordance with the contract documents, the Owner shall pay the cost of re-examination and replacement.
 4. If such Work be found not in accordance with the contract documents, the subcontractor shall pay such cost unless it be found that the defect in the work was caused by a contractor employed under a separate contract by the Owner, and in that event the Owner shall pay such cost.

DIVISION 1

GENERAL REQUIREMENTS

5. After the required completion work, corrective work and adjustment noted by the Architect have been completed in their entirety, the Contractor shall notify the Architect in writing and final observation will be made.
- H. Measurements:
1. Before ordering material or doing any Work, each subcontractor shall verify all measurements and elevations at the site for his particular class of Work and shall be responsible for the correctness of same.
 2. No extra charge or compensation will be allowed to the subcontractor for differences between actual dimensions and the measurements shown on the Drawings. Any noticeable discrepancy in this respect shall be reported to the Architect immediately for his consideration and decision. All the component parts of the Work shall be carefully checked and laid out in order that the project as a whole shall conform to the true intent of the Drawings.
- I. Regulations: All Work and material shall conform strictly to the respective requirements of the latest editions of the following:
1. Rules of the National Board of Fire Underwriters.
 2. Standard Specifications of the American Society of Testing Materials.
 3. Local ordinances and codes.
 4. State laws of Kentucky.
- J. Regulations, Permits, Fees and Taxes:
1. All Work and materials shall comply in every respect with the Building Code and all associated laws and ordinances, regulations, and the directions of the inspectors of buildings and other proper officials of the area in which the project is to be constructed. Such laws, regulations and directions are to be considered as part of this Specification. If the subcontractor performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, and without notice to the Architect, he shall bear the cost arising therefrom.
 2. Each subcontractor shall be responsible for all violations of ordinances as regards to the obstruction of streets and sidewalks, either by tearing up the same or the accumulation of materials or debris, or otherwise interfering with the convenience of the public during or as a result of the execution of the Work under these Specifications, and he shall make good any damages to the street or pavement to the satisfaction of the city officials. He shall give all requisite notices to public officers, secure all necessary permits, execute all required bonds, and pay all legal fees and charges to public officers.
 3. Subcontractors shall pay for all necessary fees, licenses, permits, and sales and use taxes required for performance of the work in his respective Specifications section.

DIVISION 1

GENERAL REQUIREMENTS

K. Application of Materials and/or Equipment:

1. Prior to application of any material or items of equipment to Work or surfaces provided by others, all Contractors, subcontractors, and trades concerned shall inspect the Work or surfaces and report in writing to the Contractor with a copy to the Architect any defects or deficiencies which would impair complete and satisfactory application or installation of their Work and allow a reasonable period of time for the correction of unsatisfactory Work before beginning installation or application of their work.
2. Starting application or attachment to Work of others constitutes acceptance of that Work as satisfactory and assumption of full responsibility for satisfactory application or installation of their work.

L. Workmanship:

1. Skilled labor must be skilled and performed by the workman in a thorough, faithful, workmanlike manner to the best of their ability, in conformity to the Drawings and Specifications.
2. Should it become necessary to retain any faulty work which, if remodeled, would cause undue risk, injury or delay, a sum to be recommended by the Architect and approved by the Owner, but not exceeding the whole value of such work and material, if correct will be deducted from the contract price.

M. Responsibility of Subcontractors:

1. It is the duty and responsibility of each subcontractor to watch the progress of the Work and ascertain when and where his Work will be needed, and plan accordingly. He shall give advance notice and proper information to other contractors of any special provisions necessary for the placing and setting of his Work coming in contact with the Work of the other contractors. Failing to do so in proper time, he shall be held responsible and shall pay for any and all alteration and repair necessary by such neglect. Should any of the subcontractors, be so hindered in the execution of his respective portions of the Work, the subcontractor so hindered, shall report immediately in writing to the Architect. Neglect to report promptly will be deemed an abandonment of any claim.
2. Each subcontractor shall protect his Work from damage by the weather at all times in the most thorough manner, and he shall be liable to the Owner for all damages to any part of the Work as a result of his negligence or of the carelessness of any of his employees or his subcontractors.
3. Unless otherwise stipulated, each subcontractor shall furnish and pay for all materials, labor, tools, equipment, hoists, scaffolding, runways, transportation and power necessary in carrying out his contract regardless of trade jurisdiction and shall be solely responsible for their safety and legal operation and maintenance.
4. All subcontractors are responsible to perform their Work in full compliance with all OSHA Standards and Regulations. All costs for Work requested by the General Contractor and/or OSHA personnel to comply with OSHA safety standards will be the responsibility of the applicable subcontractor.

DIVISION 1 GENERAL REQUIREMENTS

- N. Guarantee: Prime subcontractors shall guarantee and make good without cost to the Owner any defects, settlements, shrinkages or other faults in work arising from improper materials or workmanship on his part which may appear within one (1) year after the acceptance of the Work (except for specified guarantees for another length of time specified elsewhere). The subcontractor shall, immediately upon notification by the Architect, proceed at his own expense to replace and repair such Work together with any damage to finish, fixtures, equipment, furnishings that may result due to defective work or faults. Any payments for this Work shall not relieve him in any way from his responsibility. If no money is available, the subcontractor and his sureties agree to pay the Owner the cost of such Work. Nothing herein intends or implies that guarantee shall apply to Work which has been abused or neglected by the Owner.
- O. Changes in Work: The change order shall stipulate the mutually agreed estimate of costs which shall be added to or deducted from the contract price. The subcontractor's proposal shall include a complete itemization of:
1. Description and quantities of materials.
 2. Unit cost and total cost of materials.
 3. Hours of labor.
 4. Hourly rates (including fringe benefits) and total labor cost.
 5. Equipment rental or pro-rata share (items of equipment must have an individual cost in excess of \$500.00 when new).
 6. Contractor's overhead and profit on labor, material and equipment rental.
 7. Liability insurance, travel allowances, subsistence allowances, social security, and unemployment insurances when applicable may be added, but without the contractor's overhead and profit fee.
- P. Damage to Other Contractors, Neighbors and Public:
1. The General Contractor and each subcontractor will be held responsible and shall make good all damages to adjoining property caused by the execution of this Work under this contract. Each subcontractor will be held responsible for all damage or delays that may be caused to other Work in the project by the execution of this Work or from the carelessness of his employees. The Owner assumes no responsibility, therefore, and shall not be liable for any damages caused to any subcontractor by other subcontractors.
 2. Each subcontractor shall take all necessary precautions for the safety of employees on the Work and shall comply with all applicable provision of Federal, State and Municipal safety laws and building codes to prevent accidents or injury to persons on, about or near to the premises where any of the Work is being performed.

DIVISION 1 GENERAL REQUIREMENTS

01 23 00 ALTERNATES

In addition to the base bid proposal, subcontractors shall provide the DEDUCT alternates listed below (and MAY provide and list VOLUNTARY ALTERNATES, shall state the amount to be added/deducted to/from the base bid amount, AND shall supply documentation of alternate materials or methods to be used):

Alternate No. 1: Deduct ALL Material/Labor for Plumbing Fixtures & Controls (Sheets P-1 & P-2).

Alternate No. 2: Deduct ALL Material/Labor for Electrical Work (Sheets E-1, E-2, E-3 & E-4).

01 25 00 SUBSTITUTIONS OF PRODUCT OR EXECUTION

All products shall be submitted to the Architect for approval prior to bidding unless directly specified or noted as an equivalent. Submissions for prior approval must include a self-addressed stamped envelope to return approval information. Substitutions of equivalent products are allowable as noted, insomuch they are judged equivalent. If the Architect, Engineer, or General Contractor deem them not equivalent, their approval will be rejected.

Whenever a material, article or piece of equipment is identified on the plans or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, etc., it is intended merely to establish a standard; and, any materials, article or equipment of other manufacturers and vendors which will perform adequately to the duties imposed by the general design will be considered equally acceptable provided the material, article or equipment so proposed, is, in the opinion of the Architect/Engineer, of equal substance and function. It shall not be purchased or installed by the Contractor without the Architect/Engineer's written approval.

01 29 73 PAYMENT PROCEDURES

This section is a summary of the procedures for completion of and payment for the Work. This section does not in any way amend the General Conditions or the Supplementary Conditions of the contract as previously referenced in this Specification.

- A. Schedule of Values:
Before the first Application for Payment, the Contractor shall submit to the Architect a schedule of values which breaks down the total cost of the project into the costs of its individual divisions of work and sub-contracts.
- B. Progress Payments and Retainage:
 - 1. On or before the Fifth (5th) day of each month, the Contractor shall make application to the Owner for payment of the previous month's work by use of AIA form G702S, Application and Certificate for Payment or some such similar format. Each pay application will reflect ninety percent (90%) of the value of work performed to date, leaving a 10 percent (10%) retainage.

DIVISION 1

GENERAL REQUIREMENTS

2. The Architect reviews the application to evaluate its accuracy and will, within seven (7) days after receipt of the Application and Certificate for Payment, either issue to the Owner a Certificate of Payment for the amount the Architect determines is properly due with a copy to the Contractor, or notify the Owner and Contractor in writing of the Architect's reasons for withholding certification in whole or in part.
 3. Within ten (10) days from receiving the Certificate of Payment from the Architect, the Owner shall make payment and notify the Architect
- C. Substantial Completion and Final Payment:
1. At the point at which the Work is ninety-eight percent (98%) complete and the Owner can utilize the Work for its intended use the Contractor shall inform the Architect that the Work is substantially complete and shall arrange for an inspection of the Work by the Architect and provide the Architect with a list of items to be completed or corrected before final payment and a cost estimate for the items to be completed or corrected.
 2. The Architect will inspect the Work and issue a Certification of Substantial Completion (AIA G704) which will establish the date of Substantial Completion and establish responsibilities of the Owner for security, operations and maintenance, utilities, insurance, damage to the work, as well as establishing warrantee/guarantee periods for the Contractor and Sub-contractors. With the Certification of Substantial Completion shall be included a list of items to be completed or corrected before final payment and a cost estimate for the items to be completed or corrected, along with a date establishing when the Work on the list will be completed.
 3. Within thirty (30) days after receipt of the Certification of Substantial Completion, the Owner shall make payment for the entire value of the completed Work, including retainage, minus the value of incomplete work on the accompanying list.
 4. The Contractor will inform the Architect that the Work is ready for final inspection and acceptance and will issue a final Certificate for Payment. The Architect will promptly make such an inspection and, when the Architect finds the work acceptable and complete under the Contract Documents, the Architect will promptly issue a final Certificate of Payment.
 5. The Owner shall make final payment in similar manner to Progress Payments, as outlined in 'B' above.

01 31 19 PRE-CONSTRUCTION MEETING

Within fifteen (15) days after execution of the contract, the General Contractor shall conduct a pre-construction meeting with the Architect, with the primary subcontractors in attendance. At this meeting the General Contractor will present the construction schedule and procedures for required submittals, changes, etc.

01 32 13 SCHEDULES AND REPORTS

Within fifteen (15) days after execution of the contract, the General Contractor shall submit to the Architect a breakdown of the total construction cost in a form generally following the sections of the Specifications (Schedule of Values) along with a construction progress schedule and a complete list of all the subcontractors and material suppliers to be used under the contract.

DIVISION 1 GENERAL REQUIREMENTS

01 32 23 SURVEY AND LAYOUT

1. If any discrepancies are found by Contractor between the Drawings and actual conditions at the Site or in the Building, the Architect reserves the right to make such minor adjustments in Work specified as necessary to accomplish the intent of the contract documents, without increased cost to Owner.
2. The General Contractor shall be responsible for overall understanding of existing conditions in the building and layout of new work. Each subcontractor shall provide layout for their own Work.

01 33 23 SUBMITTAL PROCEDURES (SAMPLES AND SHOP DRAWINGS)

- A. Suppliers/Contractors shall submit to the Architect a minimum of five (5) copies of shop drawings, samples, product information, or color charts for all materials where specified. Shop drawings shall be submitted far enough in advance to allow two (2) weeks for review. Reproducible shop drawings are not required.
- B. Shop drawing review and approval is for conformance to design intent and does not relieve contractor from responsibility for verification of dimensions, quantities, and construction methods.
- C. See Section 00 72 13 "General Conditions" (Section 4).

01 35 23 SAFETY REQUIREMENTS

1. With respect to all work performed under this contract, the contractor shall:
 - a. Comply with the safety standards provisions of applicable Laws, building and construction codes and the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America, the requirements of the Occupational Safety and Health Act of 1970 (Public Law 91-596), and the requirements of Title 29 of the Code of Federal Regulations, Section 1518 as published in the "Federal Register", Volume 36, No.75, Saturday, April 17, 1971.
 - b. Exercise every precaution at all times for the prevention of accidents and the protection of persons (including employees) and property.
 - c. Maintain at his/her office or other well known place at the job site, all articles necessary for giving first aid to the injured, and shall make standing arrangements for the immediate removal to a hospital or a doctor's care of persons (including employees), who may be injured on the job site before the employer has made a standing arrangement for removal of injured persons to a hospital or a doctor's care

DIVISION 1

GENERAL REQUIREMENTS

01 45 23 TESTING AND INSPECTING SERVICES

- A. Where testing of work is required in other sections, the tests shall be done by an independent testing agency approved by the Architect. The cost of such testing shall be paid by the subcontractor performing the tested work. Submit results to Architect for approval.
- B. Work requiring testing may include, but is not limited to, concrete, air quality (if required by Mechanical Engineer), and any other items specified.
- C. See Section 00 72 13, "General Conditions" Paragraphs 7 and 14.

01 45 33 CODE REQUIRED SPECIAL INSPECTIONS AND PROCEDURES

Special inspections shall NOT be required, as no new structures are being erected.

01 51 00 TEMPORARY FACILITIES

A. JOB OFFICE

The Contractor shall maintain a job office at the site, and will maintain a set of Drawings, Specifications and shop drawings, in a neat and orderly manner.

B. TELEPHONE/INTERNET FACILITIES

Telephone/Internet facilities shall be made available at the General Contractor's expense.

C. SANITARY FACILITIES

The General Contractor shall provide and maintain approved sanitary facilities in accordance with state and local ordinances until such time as the new facilities may be used.

D. WATER

Existing water service will be available for Contractor use.

E. ELECTRICITY

Existing electrical service will be available for Contractor use.

F. TEMPORARY HEAT

The General Contractor shall pay for all temporary heat necessary and incidental to construction of the building. They shall enclose the building as promptly as possible and shall maintain the temperature of the building at not less than 40 degrees F. except in areas receiving materials necessitating higher temperatures. The General Contractor may use the permanent heating system when the building is completely enclosed and insulated, but must receive written permission from the mechanical and electrical contractors, stating that the system is operative. The Owner shall pay for all energy cost of operation of the permanent heating system during construction. The air cooling system shall not be used without written permission of the Owner. If the permanent heating system is used, the General Contractor shall install temporary filters in the system, if required to properly protect the system, which shall be replaced as necessary during construction. After final clean up, the specified filters, in a new and clean condition shall be installed.

DIVISION 1 GENERAL REQUIREMENTS

01 74 00 CLEANING AND WASTE MANAGEMENT

- A. All subcontractors are responsible for their own cleanup. All trash and debris shall be removed from the construction area on a daily basis.
- B. The General Contractor shall provide a dumpster or similar on-site trash/waste storage to be available for use by all subcontractors and trades, which will be emptied at regular intervals, in order to prevent unwanted trash and debris from littering the site and adjacent property.
- C. The General Contractor shall provide all final cleanup necessary for Owner occupancy.

01 78 00 CLOSEOUT SUBMITTALS (PROJECT RECORD DOCUMENTS)

- A. All subcontractors including mechanical and electrical shall provide as-built drawings and plans when actual design significantly varies from the plans, including all underground utilities.
- B. The as-built drawings shall consist of a set of full-size bond prints of the project with appropriate changes and modifications noted and drawn in red ink. The set of drawings shall be turned over the Architect at the time of substantial completion.

END OF SECTION

END OF DIVISION

DIVISION 2 EXISTING CONDITIONS

GENERAL REQUIREMENTS

Instructions to Bidders; Division 0, Conditions of the Contract; and Division 1, General Requirements, are part of this division and the Specification as if bound herein.

02 21 10 EXISTING CONDITIONS

All existing building and site elements shall be preserved to the maximum extent possible, unless noted for demolition in Drawings. Any existing conditions NOT identified in Drawings to be removed or demolished that, in the opinion of the Contractor, require removal and/or replacement shall be brought to the attention of the Owner and Architect in a timely manner, and a proposal for correction of the existing condition shall be made by the Contractor for approval of Owner before work on such change shall proceed.

The Contractor will be responsible for verifying all site conditions, including ordering timely location of all utilities, before commencing any work. The Contractor will also be responsible for performing or hiring a surveyor to perform layout/location of boundary lines, building location, and location of all site improvements.

02 41 10 SITE DEMOLITION

The building site will require removal of existing bituminous paving, concrete curbs, topsoil and other material. Refer to the plans for details and extent of site demolition. All material shall be cleared and disposed of in a legal manner.

END OF DIVISION

GENERAL REQUIREMENTS

Instructions to Bidders; Division 0, Conditions of the Contract; and Division 1, General Requirements, are part of this division and the Specification as if bound herein.

03 11 00 CONCRETE FORMWORK

SCOPE OF WORK

- A. Provide all concrete formwork for the concrete and reinforced concrete work shown on the Drawings. All work shall conform to the criteria stipulated in the latest edition of the ACI "Building Code Requirements for Reinforced Concrete." See Section 07 13 00 Waterproofing.
- B. Furnish and install all inserts, anchors, sleeves, bolt, dowels, stoop decking, etc., specified and shown cast in place.
- C. Furnish and install expansion joint filler and control joint filler at all locations shown.

MATERIALS

- A. Form Ties: Break-off type which leaves no portion of the tie closer than 1" from wall surface no more than 7/8" diameter in concrete face.
- B. Oiled Waterproof Plywood Forms: Douglas Fir, CS45 5 ply, 3/4" thickness. Both faces "B" veneer, small tight knots and plugs will be allowed.
- C. Lumber: Clean, sound and true
- D. Flush Metal: Standard smooth-faced forms
- E. Form Oil: Non-staining mineral oil or form oil

DESIGN OF FORMS

The concrete contractor shall be responsible for the design, structural soundness and construction of all forms. Place and maintain forms true to lines and Drawings shown and to avoid fins and irregularities. Construct forms such that minimum concrete covering for reinforcing steel will be as follows:

- A. All exterior concrete, 2"
- B. Slabs, center of slab, 3/4" minimum

DIVISION 3 CONCRETE

INSTALLATION

Install all inserts, anchors, sleeves, bolt, dowels, stoop decking, etc. specified and shown cast in place. Install expansion joint filler and control joint filler at all locations shown.

All layout work for this section to be done by this contractor, under the supervision of the General Contractor, and coordinated with site layout work, per Civil Engineered Drawings.

Coordinate the work of this section with all trades whose Work relates to the installation of concrete. All necessary openings, chases, recesses, etc., shall be provided to take the Work of the mechanical, electrical and equipment contractors. All sleeves, hangers, supports or other forms shall be located, furnished and placed by the mechanical, electrical, and equipment contractors and shall be built into the concrete work by the concrete contractor. All anchors, ties, plates, joists, beams, lintels, flashings, inserts, and etc., which come in contact with concrete shall be built in with the concrete work. No cutting or drilling of concrete that affects the structural strength shall be done without permission of the Engineer and Architect.

END OF SECTION

03 30 53 MISCELLANEOUS CAST-IN-PLACE CONCRETE

SCOPE OF WORK

Furnish all miscellaneous and exterior concrete work shown on Drawings to assure the complete installation of cast-in-place concrete work. Work shall include installing exterior walks (including trench drains, curb ramps and ADA warning mats), stairs, pads, expansion materials, and concrete pads for mechanical and electrical equipment (see mechanical and electrical plans and coordinate with mechanical and electrical contractors).

MATERIAL

- A. Portland Cement: Use one brand only for all exposed work.
 - a. Normal: ASTM C150, Type 1
 - b. Air Entraining: Provide 5 to 7% entrained air
- B. Fine Aggregate: ASTM C33
- C. Coarse Aggregate: ASTM C33
- D. Water: Clean, potable and free from deleterious amounts of acids, alkalis or organic materials.
- E. Ready-Mixed Concrete: Concrete delivered in outdoor temperature of less than 40° F. shall arrive at the site at temperature not less than 70° F. Addition of water is cause for rejection of any batch. No admixtures other than approved air entraining agent shall be allowed without approval from the General Contractor.
- F. Concrete Quality
 - a. All concrete shall have a minimum specified strength at 28 days of 3,000 psi for interior floors or structural work and 4,000 psi for exterior concrete work.
 - b. Air entrained concrete, 6% +/- 1% air entrainment, shall be used for all exterior concrete work.
- G. Handicapped accessible curb ramps at sidewalks shall include adhesive and/or screw fastened surface-mounted ADA Warning Mats of heavy-duty fiberglass construction with truncated tactile warning, safety yellow in color. Mat area shall be a minimum of 36 inches wide (perpendicular to direction of travel) and 24 inches long (along direction of travel). Mats to be furnished and installed by Concrete Contractor, per manufacturer's installation instructions. Mats and installation will meet ADA compliant standards.
- H. Where indicated on plans, trench drains in or across sidewalks shall be installed by Concrete Contractor. Unless noted otherwise, all trench drains to be Zurn Z886 Perma Trench 6" wide pre-sloped trench drainage system or architect-approved equivalent.

DIVISION 3 CONCRETE

EXECUTION

A. General:

1. Concrete shall not be placed on soft, muddy or frozen sub-grade. Any excavation made below design elevation shall be brought to grade by additional concrete at time of placing. Place as nearly as possible to final position in a continuous operation until panel or section is complete. All concrete slabs to be screeded with pipe screeds at 8'-0" o.c. maximum (wet screeds not allowed). Construction joints shall occur at end of each continuous pour.
2. Place all slabs on maximum density soil. See MATERIALS (above) for Specifications on concrete strength, finish and curing.
3. All sidewalks and entrance slabs shall be furnished and installed by Concrete Contractor.

B. Exterior Concrete Work

1. All exterior stairs, walks, platforms, curbs shall be of air entraining monolithic concrete. Reinforcement as shown on Drawings. Base shall be compacted and graded prior to pouring to the established elevations. Place ½" thick expansion joint material full depth of slab at:
 - a. Intersection of walks with building or curbs.
 - b. Intersection of walks with walks.
 - c. Maximum 40'-0" o.c. in walks. Walks shall be scored at a minimum of 10'-0" o.c. or as shown on drawings. All scores to be "v" tooled, unless noted otherwise on plans, at surface and all edges, and joints shall be tooled. Walks shall be steel troweled and hair broomed. Construct curbs to profiles detailed, cut through at 10'-0" o.c. and place ½" expansion joint material full section every 60'-0" at tangent points and corners unless shown otherwise.
2. All sidewalks indicated on the Drawings are to be 4" thick concrete. In general, furnish smooth wood float finish or lightly broomed over steel-troweled finish.
3. ADA Warning Mats shall be furnished and installed by Concrete Contractor, per manufacturer's installation instructions. Mats and installation will meet ADA compliant standards.
4. Concrete pads for mechanical and electrical equipment to be provided by concrete contractor unless noted otherwise on Drawings. Pads shall be similar to exterior sidewalks described above, unless noted otherwise on Drawings.

END OF SECTION

GENERAL REQUIREMENTS

Instructions to Bidders; Division 0, Conditions of the Contract; and Division 1, General Requirements, are part of this division and the Specification as if bound herein.

06 10 00 ROUGH CARPENTRY

SCOPE OF WORK

Furnish all rough carpentry work shown on Drawings or specified herein. The following list is a guide only and does not intend to be a complete tabulation of all items.

- A. Temporary work such as stairs, enclosures, runways, and guardrails.
- B. Furring and nailing strips.
- C. Wood blocking.
- D. All wood, nails, bolts, screws, framing anchors (as shown in architectural drawings) and other rough hardware, and all other items needed for rough and finished carpentry in this work but not specifically described in other Divisions of these Specifications.

Related work specified elsewhere:

Section 06 20 00 Finish Carpentry
Section 06 41 00 Architectural Woodwork
Section 08 11 13 Hollow Metal Doors and Frames
Section 08 14 16 Wood Doors and Frames
Section 08 31 13 Access Doors
Section 08 70 00 Door Hardware
Section 09 29 00 Gypsum Wallboard/Accessories
Section 10 21 13 Toilet Partitions

Miscellaneous: Furnish all miscellaneous wood members not specified elsewhere including all bracing, blocking, framing, etc. of all items shown on the Drawings and Specifications, and to secure items specified in but not limited to the following Sections:

Section 08 11 13 Hollow Metal Doors and Frames
Section 10 28 13 Toilet Accessories
Plumbing Fixtures and Trim
Lighting Fixtures

MATERIALS

- A. Lumber for rough carpentry shall be well seasoned, S4S, and kiln dried to moisture content not exceeding 19%. All materials of this Section, unless specifically otherwise approved in advance by the Architect, shall meet or exceed the following requirements:
- B.

DIVISION 6 WOODS

| ITEMS | DESCRIPTION |
|--------------------------------|---|
| Studs (8 ft. max): | SPF stud grade. |
| Studs (more than 10 ft.): | SPF no. 2 – see also General Structural Notes on the Drawings. |
| Horizontal plates above grade: | SPF stud grade. |
| Beams; stringer and header: | SPF select structural with fiber stress of 875 min. |
| Plywood: | Softwood Plywood - National Research Board Report No. 108. Any plywood used as sheathing must be exterior type glue. Waferboard or oriented strand board may not be substituted for plywood. Refer to the Drawings. |
| Steel hardware: | ASTM A-7 or A-36 (use galvanized at exterior locations). |
| Machine bolts: | ASTM A-307. |
| Lag bolts: | Federal Specifications FF-B-561. |
| Nails: | Common (except as noted), Federal Specification FF-N-1-1 (use galvanized at exterior locations). |

C. Grade Stamps

1. Framing Lumber; identify all framing lumber by the grade stamp of the West Coast Lumber Inspection Bureau.
2. Plywood: Identify all plywood as to species, grade, and glue type by the stamp of the American Plywood Association.
3. All lumber shall have been stamped with Fire Retardant Rating when fire retardant wood is specified.

INSTALLATION

A. Quality Assurance

1. Quality of workmen: Provide sufficient skilled workmen and supervisors who shall be present at all times during execution of this portion of the Work and who shall be thoroughly familiar with the type of construction involved and the materials and techniques specified.
2. Rejection: Poor quality work, whether due to poor materials or poor workmanship may be rejected at any time. Materials may be rejected by the Architect after installation.

B. Product Handling

1. Protection:
 - a. Store all material in such a manner as to ensure proper ventilation and drainage and to protect against damage and the weather.
 - b. Keep all material clearly identified with all grade marks legible; keep all damaged material clearly identified as damaged, and store separately to prevent its inadvertent use.
 - c. Do not allow installation of damaged or otherwise non-complying material.

DIVISION 6 WOODS

- d. Use all means necessary to protect the installed Work and materials of all other trades.
- 2. Replacements: In the event of damage, immediately make all repairs and replacements necessary to the approval of the Architect and at no additional cost to the Owner.
- C. Inspection:
 - 1. Prior to all Work of this Section, carefully inspect the installed Work of all other trades and verify that all such Work is complete to the point where this installation may properly commence.
 - 2. Verify that rough carpentry may be performed in strict accordance with the original design and all pertinent codes and regulations.
 - 3. In the event of discrepancy, immediately notify the Architect.
 - 4. Do not proceed with installation in areas of discrepancy until all such discrepancies have been fully resolved.
- D. Workmanship
 - 1. General: All rough carpentry shall be true, tight, and well nailed with all members assembled in accordance with the Drawings and with all pertinent codes and regulations.
 - 2. Selection of lumber pieces:
 - a. Carefully select all members; select individual pieces so that knots and obvious defects will not interfere with placing bolts or proper nailing or making proper connections.
 - b. Cut out and discard all defects which will render a piece unable to serve its intended function; lumber may be rejected by the Architect, whether or not it has been installed, for excessive warp, twist, bow, crook, mildew, fungus, or mold, as well as for improper cutting and fitting.
 - 3. Shimming: Do not shim sills, joists, short studs, trimmer, headers, lintels, or other framing components.
- E. Treated Lumber
 - 4. General: Use only treated lumber for all wood bucks and nailing grounds, etc., (other than Foundation grade Redwood) in, or in contact with concrete.
 - 5. Treatment:
 - a. Treat all wood (except Redwood) with treatment preservative specified in this section or otherwise treat as approved in advance by the Architect.
 - b. Perform all treatment in strict accordance with the published recommendations of the manufacturer of the treatment preservative.
- F. General Framing
 - a. In addition to all framing operation normal to the fabrication and erection indicated on the Drawings, install all backing required for the Work of other trades.
 - b. Do not notch, bore, or cut members for pipe, ducts, conduits, or other reasons except as shown on the Drawings or as specifically approved in advance by the Architect. All such boring shall be on the center line of the structural members to be penetrated.

DIVISION 6 WOODS

G. Blocking

- a. Install all blocking required to support all items of finish and to cut off all concealed draft openings, both vertical and horizontal, between ceiling and floor areas.
- b. Wood blocking shall be 2" (nominal) in thickness by the full width of the opening being blocked.

H. Fastening

c. Nailing:

- i. Use only common wire nails or spikes of the dimension shown on the Nailing Schedule, except where otherwise specifically noted in the Drawings.
- ii. For conditions not covered in the Nailing Schedule, furnish penetration into the piece receiving the point of not less than $\frac{1}{2}$ the length of the nail or spike furnished, however, that 16d nails may be used to connect two pieces of 2" (nominal) thickness.
- iii. Do all nailing without splitting wood, preboring as required; replace all split members.

d. Bolting:

- i. Drill holes $\frac{1}{16}$ " larger in diameter than the bolts being used; drill straight and true from one side only.
- ii. Bolt threads must not bear on wood; use washers under head and not of thread; enlarge holes to shank diameter under all nuts.

e. Screws:

- i. For lag-screws and wood-screws, pre-bore holes same diameter as root of thread; enlarge holes to shank diameter for length of shank.

J. Clean Up

1. Keep the premises in a neat, safe, and orderly condition at all times during execution of this portion of the work, free from accumulation of sawdust, cut-end, and debris.
2. At the end of each working day, or more often if necessary, thoroughly sweep all surfaces where refuse from this portion of the Work has settled.
3. Remove the refuse to the area of the job site set aside for its storage.
4. Upon completion of this portion of the Work, thoroughly broom clean all surfaces.

END OF SECTION

06 20 00 FINISH CARPENTRY

SCOPE OF WORK

- A. Furnish and install items under this section including trim, countertops and vanities, doors, hardware, signage and accessories as specified or as shown on Drawings.
- B. Also included in this section is installation of the following items supplied elsewhere in the specifications:

| | |
|------------------|--------------------------------------|
| Section 06 41 00 | Architectural Woodwork |
| Section 08 11 13 | Hollow Metal Doors and Frames |
| Section 08 14 16 | Wood Doors and Frames |
| Section 08 70 00 | Door Hardware |
| Section 09 65 00 | Resilient Flooring |
| Section 09 77 33 | Fiberglass Reinforced Plastic Panels |
| Section 10 14 00 | Signage |
| Section 10 21 13 | Toilet Partitions |
| Section 10 28 13 | Toilet Accessories |

MATERIALS

- A. Hardwood: Hardwood for natural finish shall be solid Red Oak, AWI custom grade standard sanded, plain sawed, kiln dried and selected for uniformity of color and grain.
- B. Hardwood plywood: Shall be Red Oak, QSI grade AA, plain sliced veneer on MDF construction. Veneer on doors shall be matched, G15 where exposed to one side and G25 where exposed both faces. Manufacturer shall be U.S. Plywood Corp. or equivalent.
- C. Softwood: Ponderosa Pine, "B" or better, kiln dried.
- D. Softwood plywood: C-D INT. PTS.
- E. Base trim: Rubber baseboard shall be 3/8" x 4 1/2" high (8'-0" length) Mandalay MW-XX-H by Tarkett (See Section 09 65 00 Resilient Flooring).
- F. Solid Surface Countertops: Installation only. See Section 06 41 00, Architectural Woodwork for material.
- G. Labeled fire-rated door and window frames shall be installed and designed in accordance with UL label code No. 63-11. Furnish butt hinges per Section 08 70 00 and Section 08 14 16.
- H. Shop drawings are required. See Section 01 33 23.

DIVISION 6 WOODS

INSTALLATION

A. Quality Assurance

1. For actual cutting and fitting of trim and finish material, use only journeymen finish carpenters who are thoroughly trained and experienced in the skills required, who are completely familiar with the materials involved and the manufacturer's recommended methods of installation, and who are thoroughly familiar with the requirements of this Work.
2. Rejection: Poor quality Work, whether due to low quality materials or poor workmanship, may be rejected at any time. Materials may be rejected by the Architect after installation.

B. Storage and Delivery

1. Protection: Use all means necessary to protect the materials of this Section before, during, and after the installation and to protect the installed work and materials of all other trades. Finish materials are not to be stored in building so as to absorb moisture. All taping, painting, concrete work or other work causing excessive humidity shall be complete before materials are brought on site for installation. All millwork items to be stored off site until moisture conditions have stabilized and the millwork when brought on site and stored for ten (10) days will not exceed 19% moisture at time of installation.
2. Replacement: In the event of damage or material shrinkage due to excessive moisture at time of installation the contractor shall immediately make all repairs and replacements necessary for the approval of the Architect at no additional cost to the Owner.

C. Inspection:

1. Prior to all work of this Section, carefully inspect the installed Work of all other trades and verify that all such Work is complete to the point where this installation may properly commence.
2. Verify that finish carpentry may be completed in strict accordance with the original design and all pertinent codes and regulations.
3. In the event of discrepancy, immediately notify the Architect.
4. Do not proceed with the installation in areas of discrepancy until all such discrepancies have been fully resolved.

D. Workmanship:

1. General: All finish carpentry shall produce joints true, tight, and well nailed with all members assembled in accordance with the Drawings.
2. Jointing:
 - a. Make all joints to conceal shrinkage; miter all exterior corners; cope all interior corners, miter or scarf all end-to-joints.
 - b. Install all trim in pieces as long as possible, jointing only where solid support is obtained.
3. Fastening
 - a. Install all items straight, true, level, plumb, and firmly anchored in place; where blocking or backing is required, coordinate as necessary with other trades to ensure placement of all required backing and blocking in a timely manner.

DIVISION 6 WOODS

- b. Nail trim with finish nails of proper dimension to hold the member firmly in place without splitting wood.
 - c. On exposed finish work, set all nails for putty.
- 4. Ease edges of all wood trim that is likely to be touched. (i.e. wood capped guardrails).
- E. Installation of Other Items: Install all other items in strict accordance with the Drawings and the published recommendations of the manufacturer of the item, anchoring firmly in place at the described location, straight, plumb, level, and anchored for long life under hard use.
- F. Finishing: All finished surfaces shall be provided with a uniformly smooth surface, or as provided by the manufacturer. No coarse-grained sandpaper mark, hammer mark, or other imperfection will be accepted.
- G. Clean Up:
 - 1. Keep the premises in a neat, safe, and orderly condition at all times during execution of this portion of the work, free from accumulation of sawdust, cut-ends, and debris.
 - 2. At the end of each working day, or more often if necessary, thoroughly sweep all surfaces where refuse from this portion of the Work has settled.
 - 3. Remove the refuse to the area of the job site set aside for its storage.
 - 4. Upon completion of this portion of the Work, thoroughly broom clean all surfaces.

END OF SECTION

06 41 00 ARCHITECTURAL WOODWORK

SCOPE OF WORK

Furnish the counter tops and sink vanities, as noted and detailed on the Drawings.

- A. Furnish Solid Surface custom quality finished Countertops and microwave shelf, as shown on plans, in rooms #104, #110, #111 & #117.
- B. Workmanship and materials shall conform to "AWI Quality Standards Illustrated 8th Edition", 2005, published by the Architectural Woodwork Institute, for a custom grade as indicated herein and on the drawings. Casework manufacturer shall be experienced in woodwork of the quality specified herein and shall be approved by the Architect.

SHOP DRAWINGS

Submit complete shop drawings, showing detailing of joints, connection of casework to adjacent construction, and other pertinent items. Dimensions of typical countertops to conform to industry standard for 24" deep base cabinets.

MATERIALS

- A. Countertops: $\frac{1}{2}$ " thick solid surface material (by Corian or equal) over $\frac{3}{4}$ " Medium density Fiber Core Hardwood Plywood (MDF)
- B. Plastic laminate: $\frac{1}{16}$ " high-pressure plastic laminate-suede finish equivalent to Formica, Wilsonart or Nevamar.
- C. Furnish 2" diameter grommets (of ABS plastic) for (6) separate work stations at Room #104.

FABRICATION

- A. Counters and vanities shall be mill fabricated to the maximum extent possible. All millwork shall be built with hairline joints, which shall be adhered and supported according to solid surface manufacture's recommendations.
- B. A "back-out" shall be cut into the backs of all back and side splashes. All edges to be eased.

INSTALLATION

- A. Contractor shall verify all on-site dimensions and notify supplier of any variances or changes.
- B. Install counters as indicated on the drawings. Install plumb and level with all joints tight, in accordance with instructions shipped with cabinets.
- C. Shim cabinets as required and trim with molding to match cabinets.

DIVISION 6 WOODS

- D. Secure to walls with screws embedded 1" minimum in solid wood framing or blocking.
- E. Install miscellaneous hardware and accessories as indicated on the drawings. Locate grommets above electrical /data outlets and space evenly, in a uniform manner.
- F. Clean counters and leave in perfect operating order with all hardware aligned and plumb.

END OF SECTION

DIVISION 7 THERMAL AND MOISTURE PROTECTION

07 84 00 FIRESTOPPING

SCOPE OF WORK

It is the responsibility of each trade to furnish and install fire-rated and temperature-rated firestopping (related to that trade's work) at all openings or penetrations in rated assemblies such as: fire-rated walls, shafts, floor/ceiling and roof/ceiling assemblies. These openings include but are not limited to; rated door thresholds, rated hollow metal frames, gaps between rated floor/ceiling and roof/ceiling assemblies and walls, expansion joints, open shaft, openings or penetrations created for ducts, pipes, conduits, cables, etc.

Related work specified elsewhere:

06 10 00 Rough Carpentry
07 92 00 Sealants
09 29 00 Gypsum Wallboard/Accessories
Mechanical
Electrical

MATERIALS

A. Performance:

1. Fireproofing Material: Shall meet ASTM E119 and ASTM E814 (International Building Code, 2012 Edition, Section 714 "Penetrations") and shall achieve a fire rating as noted on Drawings.
2. Fire-Rated Construction Joints: Shall meet ASTM E119 and UL 2079 (International Building Code, 2012 Edition, Section 715 "Fire-Resistant Joint Systems") and shall achieve a fire rating as noted on Drawings.
3. Surface Burning Characteristics: Shall meet ASTM E84.

B. Quality:

1. All material to be free of Asbestos, Lead, PCB's, Solvents, or any material requiring hazardous waste disposal.
2. No firestopping material will be allowed to be used after its expiration date or after its self-life has been exceeded.

C. Manufacturers:

1. Tremco Incorporated – Beachwood, Ohio
2. 3M Company – St. Paul, Minnesota
3. Pecora Corporation – Dallas, Texas
4. Grace Construction Products – Cambridge, Massachusetts
5. Architect approved equivalent

DIVISION 7

THERMAL AND MOISTURE PROTECTION

- D. Products:
1. Firestop Mortar
 - a. 3M Company Fire Barrier Mortar
 - b. Grace Flamesafe FSM22 Mortar Seal
 2. Caulking Compounds (at exposed penetrations)
 - a. Tremco Dymeric 511 (with color selected by architect)
 - b. Pecora Dynatrol II (with color selected by architect)
 3. Caulking Compounds (silicone)
 - a. 3M Company Fire Barrier 2000+
 - b. Tremco Tremstop Fyre-Sil
 4. Caulking Compounds (acrylic/latex)
 - a. Tremco Tremstop IA
 - b. 3M Company CP25WB
 - c. Pecora AC-20 FTR
 - d. Grace Flamesafe FS21900 Intumescent Elastomeric Sealant
 5. Putty
 - a. Tremco Tremstop FP
 - b. 3M Company MPS-2 Moldable Putty Stix or MPP-4S Moldable Putty Pads
 - c. Grace FSP 1000 Intumescent Putty
 6. Accessories
 - a. Backup/daming/forming material as required for opening and as recommended by manufacturer
 - b. Sealant/primmer/solvent cleaner as recommended by manufacturer.

INSTALLATION

- A. Install backup to provide satisfactory backing for caulking.
- B. Where sleeves are provided to serve multiple pipes, conduits or cables, provide firestopppng between the sleeve and the penetrated construction as well as between the sleeve and all the components penetrating through it.
- C. Provide firestopping at equal fire resistance for floor (or roof) assembly where exterior facing construction is continuous past a structural floor (or roof) and a gap in fire protection would otherwise be left between inner face of wall construction and outer perimeter edge of structural floor (or roof).
- D. All firestopping shall be used and applied in strict accordance with manufacturer's recommendations and instructions. All joints are to be clean and free of moisture prior to application. Joints in exposed areas shall be tooled to a neat, uniform finish.
- E. All work will remain accessible until required inspection by local code officials.

END OF SECTION

DIVISION 7 THERMAL & MOISTURE PROTECTION

07 92 00 SEALANTS

SCOPE OF WORK

Work of this section includes all labor, material and equipment necessary and incidental to furnish and install all caulking, sealants and related materials in accordance with the Drawings and Specifications.

Includes, but is not limited to:

- A. Perimeter of exterior door frames
- B. Miscellaneous joints where "sealant" is indicated on the Drawings.
- C. Firestopping at floor and wall penetrations.

Related work specified elsewhere:

Section 06 20 00 Finish Carpentry
Section 07 84 00 Firestopping
Section 08 11 13 Hollow Metal Doors and Frames
Section 09 29 00 Gypsum Wallboard/Accessories
Section 09 91 00 Painting

MATERIALS

- A. Backup: Closed cell, polyethylene rod or sheet stock of size required by joint conditions.
- B. Caulking Compounds:
 - 1. Tremco "Dymeric," 2 part epoxy Modified Urethane Caulking Compound conforming to Federal Specification TT-S-00227E. Dynatrol II by Pecora, NP2 Sonolastic Sealant by Sonneborn is approved.
 - 2. Tremco THC-901 multi-component, semi-self-leveling joint sealant.

DIVISION 7

THERMAL & MOISTURE PROTECTION

SCHEDULE

- A. Dymeric at all wall junctions and control joints and exterior openings.
- B. THC-901 at exterior horizontal expansion joints with slope up to 10%.

INSTALLATION

Install backup at all appropriate locations to provide satisfactory backing for the caulking. The caulking shall be used and applied in strict accordance with the manufacturer's recommendations and instructions. All joints are to be clean and free of moisture prior to application. Caulking shall be forced to a minimum of ½" depth; joint shall be tooled to a neat, uniform finish.

END OF SECTION

DIVISION 8 DOORS AND WINDOWS

GENERAL REQUIREMENTS

Instructions to Bidders; Division 0, Conditions of the Contract; and Division 1, General Requirements, are part of this division of the Specification as if bound herein.

08 11 13 HOLLOW METAL DOORS AND FRAMES

SCOPE OF WORK

Furnish all hollow metal work as shown on Drawings and as specified herein.

Related Sections:

Section 06 10 10 Rough Carpentry

Section 08 70 00 Door Hardware

MATERIALS

- A. All materials used shall be free of defects impairing strength, durability or appearance. Frames and doors shall conform to Commercial Standard CS-242 or PS4-66. Hollow metal shall be by Amweld, Ceco, Curries, Mesker, Steelcraft, or approved equivalent.
- B. Frames for interior openings shall be 16-ga. Frames for exterior openings shall be 14-ga. Provide UL labels for the frames so denoted on the Drawings. All frames shall be mitered and continuously welded on face, spot-welded at corners to provide a neat rigid assembly. Knock-down frames will be permitted in existing stud wall locations.
- C. Provide standard bolt anchor with spacer or UL anchors as required by the Drawings and one welded-in floor anchor in each jamb.
- D. Frames shall be mortised, reinforced, drilled and tapped at the factory to receive hardware specified. Strike jambs shall be punched to receive two rubber bumper silencers.
- E. All frames shall be cleaned, bonderized and given one coat of baked shop coat primer.
- F. Doors shall be fabricated of 18-ga. full flush steel. Tops and bottoms shall be closed and reinforced with 18-ga. channels with Kraft honeycomb interior stiffener and sound deadener. All exterior doors to have flush, watertight top edge and insulation (0.2 Max U-Factor). Reinforce all doors or hardware, drilled and tapped to receive mortised hardware. Frilling and tapping for surface applied hardware shall be done in the field. Provide UL labels for all doors so noted on drawings. All exposed surfaces shall be cleaned and given one coat of factory applied primer.
- G. Shop drawings are required. See Section 01 33 23.

DIVISION 8 DOORS AND WINDOWS

INSTALLATION

- A. Frames shall be erected plumb and in true alignment. Frames shall be rigid and securely anchored in place.
- B. Frames anchored into existing masonry or concrete wall openings shall be punched and dimpled as required for screw fasteners. Fill anchor recess, sand smooth and prime for paint finish.
- C. Installation of labeled fire doors, including all operating characteristics, labeled frames, and UL listed builder's hardware, shall be in accordance with NFPA publication No. 80 and No. 101 and with the codes of local authorities having jurisdiction.

END OF SECTION

DIVISION 8 DOORS AND WINDOWS

08 14 16 - WOOD DOORS

SCOPE OF WORK

- A. Furnish all wood doors as shown on the Drawings and specified herein. Make provisions for glazed openings and finish hardware.
- B. Submit shop drawings in accordance with Section 01 33 23.
- C. Related Sections:
 - Section 06 20 00 - Finish Carpentry
 - Section 08 11 13 - Hollow Metal Doors & Frames
 - Section 08 70 00 - Door Hardware
 - Section 08 80 00 – Glazing
 - Section 09 91 00 - Painting
- D. All required doors shall be rated in compliance with the State Building Codes and Standards. All rated doors and frames shall bear the label of the agency issuing fire rating as indicated on the Door Schedule.
- E. Acceptable Rating Agencies
 - 1. Underwriters Laboratory (UL)
 - 2. Warnock / Hersey (WH)

MATERIALS

- A. Interior Flush Wood Doors
 - 1. Acceptable manufacturers
 - a. Algoma Hardwood, Inc.
 - b. Egger Hardwood Products
 - c. Marshfield Door Systems
 - d. VT Industries
 - e. Approved equivalent
 - 2. All materials used shall be free of defects impairing strength, durability or appearance. Doors shall conform to ANSI / WDMA I.S.1-A 2011.
 - 3. Transparent Finish Doors- flush wood doors shall be fabricated as follows:
 - a. construction: PC-5 bonded core / grade 1-LD-1
 - b. veneer specie: Red Oak suitable for transparent finish
 - c. face cut: Rift Cut
 - d. face assembly: Book Match
 - e. face symmetry: Running Match (single doors)
Pair Match (pair doors)
 - f. meeting edge: Option E2 – Bevel
 - g. blocking options: as required for all Finish Hardware (see 08 70 00)

DIVISION 8 DOORS AND WINDOWS

4. Opaque Finish Doors- flush wood doors shall be fabricated as follows:
 - a. construction: PC-5 bonded core / grade 1-LD-1
 - b. face material: High Density Overlay (HDO) faces
 - c. meeting edge: Option E2 – Bevel
 - d. blocking options: as required for all Finish Hardware (see 08700)

5. Fire Rated Doors- flush wood doors shall be fabricated as follows:
 - a. construction: FD-60 MIN-5 / bonded core / grade 1-LD-1 (60 minute rating)
FD-20 MIN-5 / bonded core / grade 1-LD-1 (20 minute rating)
 - b. Transparent Finish Doors: see #A.3 (above) for additional information
 - c. Opaque Finish Doors: see #A.4 (above) for additional information

6. Sound Rated Doors- flush wood doors shall be fabricated as follows:
 - a. STC rating of 39
 - b. Sound absorbent core
 - c. Include sound rated assembly for all vision lites (see Door Schedule)
 - d. Transparent Finish Doors: see #A.3 (above) for additional information
 - e. Opaque Finish Doors: see #A.4 (above) for additional information

7. General Door Standards
 - a. Premium grade architectural wood doors
 - b. Premium grade veneers for transparent finishes
 - c. 1/8" minimum hardwood crossbands, hot press applied to core - no exposed crossbanding allowed along any vertical edge (stile)
 - d. Vertical edges (stiles):
 1. Preferred- 1/4" hardwood of specie and grade to match face veneer over 1-3/8" (minimum) structural composite lumber (SCL)
 2. Accepted- 1 3/8" (minimum) SCL with hardwood veneer finish to match face veneer
 - e. Horizontal edges (top and bottom rails):
 1. Condition #1- 1 3/8" (minimum) SCL (no hardwood veneer finish required)
 2. Condition #2- 1 3/8" (minimum) SCL with hardwood veneer finish at top rail only
 - f. Particle board core shall meet or exceed ANSI 208.1 grade 1-LD-1
 - g. Veneers shall be applied to the cross-banded core in a hot press using type 1 exterior water resistant adhesive- 5 ply construction required
 - h. Fire rated doors (> 20-min) shall include solid hardwood outer stiles 1/4" minimum thickness of specie and grade to match face veneer; inner stiles shall meet requirements for fire ratings as listed in the Door Schedule (refer also to Finish Hardware in Section 08700 for hardware preparation requirements); rails shall be of material to meet or exceed fire-rating; core shall be non-combustible mineral board.

DIVISION 8 DOORS AND WINDOWS

- 8. Door Finish (transparent)
 - a. Stain color selected from manufacturer's standard options (submit samples)
 - b. Factory finish shall be TR-6 Catalyzed Polyurethane
 - c. Factory seal top and bottom rails not receiving face veneer finish
- 9. Door and Frame Finish (opaque)
 - a. Doors and frames shall be site finished under Section 09 91 00
- B. Doors receiving electrified hardware shall be coordinated with electrical requirements of Division 16 and shall maintain the integrity of all fire rated openings.
- C. All fire rated doors shall be constructed to meet UL 10C Category "A" and NFPA 252 guidelines for code required positive pressure ratings (no intumescent allowed on frame).
- D. Composite blocking is required for hardware at all mineral core doors such that fire-rating is maintained. Through bolting is not allowed.
- E. Doors shall be factory machined to prepare for all finish hardware (see Section 08 70 00). Verify templates with finish hardware supplier for correct application prior to machining process.

INSTALLATION

- A. All doors shall be stored off site until required at the site. No doors shall be delivered until a temperature of 70°F is maintained and at least 10 days have elapsed since any high humidity work was completed.
- B. Installation shall be completed under Section 06 20 00 – Finish Carpentry.
- C. Install all wood doors in strict accordance with all pertinent codes and regulations, the original design, and the referenced standards. Doors shall hang, square, plumb, straight and firmly anchored into position for long life under hard use.
- D. Install all finish hardware in strict accordance with manufacturer's recommendations, eliminating all hinge bound condition and making all items smoothly operating and anchored into position.
- E. Do not trim positive pressure rated doors for width. Follow current manufacturer's installation instructions.

END OF SECTION

DIVISION 8 DOORS AND WINDOWS

08 31 13 ACCESS DOORS

SCOPE OF WORK

Furnish and install wall access doors as required for new work (see Plumbing Drawings) and as specified herein.

MANUFACTURER

Furnish prime-painted steel access door as manufactured by Milcor Co. or J.L. Industries is an approved equivalent.

MATERIAL

- A. Wall Access Door – Style M3202-010
 - 1. Material – 14 gauge steel frame and door panel
 - 2. Finish – Prime painted
 - 3. Concealed spring hinges
 - 4. Recessed turn ring lock
 - 5. Shop drawings required. See Section 01 33 23

END OF SECTION

DIVISION 8 DOORS AND WINDOWS

08 42 13 ALUMINUM-FRAMED ENTRANCES (REFURBISHED EXISTING)

SCOPE OF WORK

Furnish and install all hardware, glazing and sealant to refurbish existing aluminum entrance Door #100 at main entry, as shown on Drawings and specified herein.

Related Sections:

Section 06 20 00 Finish Carpentry

Section 08 71 00 Door Hardware

Section 07 92 00 Sealants

Section 08 80 00 Glazing

MATERIAL

A. Aluminum Entrances

1. EXISTING aluminum entrance door, framing and hardware shall REMAIN in place to the maximum extent possible, except where new hardware is specified in Section 08 71 00.
2. Finish Hardware:
 - a) Finish hardware listed in groups (see Section 08 71 00) establishes a quality level of hardware selection. Substitutions will be allowed upon demonstration of compliance to this quality level.
 - b) Finish shall be US26 (match mill finished framing).
 - c) All NEW hardware including automatic door operator, cylinder locks, exit devices (exit devices with cylinder dogging capability), gaskets, weather-stripping and attachment devices shall be supplied under Section 08 71 00.

B. Glass and Glazing

1. Glass and glazing work (as needed to refurbish the existing door) shall be furnished and installed under Section 08 80 00 Glazing.
2. Refer to Door Schedule and Elevations on Drawings for glass types.

INSTALLATION

- A. All items under this heading shall be set in their correct locations as shown in the details and shall be level, square, plumb, and at proper elevations and in alignment with other Work in accordance with the manufacturers installation instructions and approved shop drawings. All joints between entrance framing and the building structure shall be sealed in order to secure a watertight installation.
- B. Upon completion of the entrance refurbishment and hardware installation, it shall be this contractor's responsibility to make all necessary final adjustments to attain normal operation of each door and its mechanical hardware.
- C. Windows and panes shall be installed, glazed and adjusted by experienced workmen in accordance with the manufacturer's installation instructions and approved shop drawings.

DIVISION 8 DOORS AND WINDOWS

- D. After installation all metal surfaces shall be cleaned to remove mortar, plaster, paint or other contaminants. After cleaning, all work shall be protected against damage until it is accepted by the General Contractor.
- E. This contractor shall provide any extra reinforcing required to secure door frames for proper installation. Members shall be sufficiently strong to withstand all lateral loads, impact loads and other loads imposed, without deflections beyond industry standards.

END OF SECTION

DIVISION 8 DOORS AND WINDOWS

08 71 00 - DOOR HARDWARE

GENERAL REQUIREMENTS

- A. Instructions to Bidders, Division 0 – Conditions of the Contract and Division 1 – General Requirements are a part of this specification as if bound herein.
- B. Submit shop drawing product data, schedules and samples in accordance with Section 01 33 23. Follow hardware group formatting as listed herein.
- C. Check items specified for suitability and adaptability to the details and surrounding conditions as represented in these Construction Documents. Report unsuitable or incompatible items to the Architect immediately.
- D. Finish Hardware shall be packed to guard against damage in transit. Each set shall be packed separately and clearly marked to show its content and intended location.
- E. It shall be the Finish Hardware supplier's responsibility to make certain the Finish Hardware fulfills the requirements of the current State Building Code according to the pertinent occupancy classification.
- F. Furnish fire-rated Finish Hardware listed for fire-rated openings in conformance with requirements for the class of opening scheduled. Fire rating agency's requirements take precedence over this specification should any conflict arise. Recognized agencies:
 - 1. Underwriters Laboratory (UL)
 - 2. Warnock-Hersey (WH)

SCOPE OF WORK

- A. Furnish all Finish Hardware items required to complete the work. Provide templates to hollow metal and wood door suppliers. Identically trim each leaf of a pair, unless otherwise noted.
- B. Cylinders shall be factory keyed per the approved keying system. All cylinders shall be 6-pin interchangeable cores. Include construction cores for all cylinders. Supply keys as follows- Change Keys (3) per cylinder or like keyed groups, Control Keys (2), key blanks (50), Master Keys (6) per master key group, Construction Control Keys (2) and Construction Keys (15).
- C. Finish Hardware shall be installed under Section 06 20 00 - Finish Carpentry.
- D. Related Sections:
 - Section 06 20 00 - Finish Carpentry
 - Section 08 11 13 – Hollow Metal Doors and Frames
 - Section 08 14 16 - Wood Doors
 - Section 08 42 13 - Aluminum Framed Entrances (Alternate No. 1)

DIVISION 8 DOORS AND WINDOWS

PRODUCTS AND FINISH

Numbers in this schedule are taken from catalogs of numerous manufacturers, thereby establishing a level of quality expected for this Project. Use the manufacturers indicated or approved equivalent. Hardware shall be of finish indicated herein. All goods shall be new and free from any defect or surface blemish and include all necessary fastening devices.

- A. Butts: All doors (through 90" in height) shall be 1-1/2 pair butts of the type specified below unless stated otherwise in the schedule of Finish Hardware. Finish shall be **US3** (polished brass, to match existing) unless noted otherwise.

1. The following table of butts types, listed in manufacturer's catalog numbers, is available for acceptable substitution:

| | <u>HAGER</u> | <u>MCKINNEY</u> | <u>STANLEY</u> | <u>PBB</u> | <u>BOMMER</u> |
|--------|--------------|-----------------|----------------|------------|---------------|
| Type 1 | BB1199 | T4B3386 | FBB199 | 4B21/4B51 | BB5005/BB5006 |
| Type 2 | BB1168 | T4A3786 | FBB168 | 4B81 | BB5004 |
| Type 3 | BB1279 | TB2714 | FBB179 | BB81 | BB5000 |
| Type 4 | 1279 | T2714 | 179 | PB81 | 5000 |

2. Include the following features for all hinges unless noted otherwise in the Hardware Schedule:
- 1¾" doors- 4½" x 4½" (square corners)
 - Hinge width shall clear trim for full door swing (180° or per Drawings)
 - Hinges at out-swinging lockable doors shall have non-removable pins (NRP)- all other hinges shall have non-rising pins.
 - All hinges shall have flat button tips unless noted otherwise

- B. Exit Devices: Provide panic hardware as indicated in the Hardware Schedule. Finish shall be **US3** unless noted otherwise (see Section 08 32 14 Aluminum Framed Entrances).

1. The following exit devices, listed by manufacturer's catalog name/number, shall be acceptable (substitutions by other manufacturers will not be accepted):

| <u>SCHLAGE</u> | <u>DORMA</u> | <u>CORBIN-RUSSWIN</u> | <u>VON DUPRIN</u> |
|----------------|--------------|-----------------------|-------------------|
| 98 RIM | CL800 | CL3100 | 33A-QEL |

2. Coordinate specified push/pulls for compatibility.
3. Include cylinder dogging on all lockable doors equipped with panic hardware.

- C. Cylinder Locks: All cylinder locks shall be master keyed as required by the Owner. Finish shall be **US3** unless noted otherwise (see Section 08 32 14 Aluminum Framed Entrances).

DIVISION 8 DOORS AND WINDOWS

- D. Latchsets/Locksets/Dummy Handles Deadbolt Locks: Provide lever handle latchset and locksets as indicated in the Hardware Schedule. Provide keying system to allow Owner complete security upon the occupancy of the building and distribution of lock change keys. Finish shall be **US3** unless noted otherwise (see Section 08 32 14 Aluminum Framed Entrances).

1. The following heavy-duty, grade 1 cylindrical lock / latch types, listed by manufacturer's catalog name/number, shall be acceptable (substitutions by other manufacturers will not be accepted):

| | | | | |
|----------------|--------------|-----------------------|----------------|-------------|
| <u>SCHLAGE</u> | <u>DORMA</u> | <u>CORBIN-RUSSWIN</u> | <u>SARGENT</u> | <u>YALE</u> |
| ND Series | CL800 | CL3100 | 11 Line | 400 |

2. Lever design for all lock/latch sets: Schlage "Rhodes" design (RHO)
3. Provide 2¾" backset unless noted otherwise
4. Provide 4-7/8" x 1¼" ANSI strike at hollow metal doors / frames
5. Furnish abrasive coating on outside levers leading to loading docks, stages, platforms, any non-exit stairway or other hazardous locations

- E. Door Trim: Include push / pulls as listed in the Hardware Schedule. Finish shall be **US3** unless noted otherwise (see Section 08 32 14 Aluminum Framed Entrances).

1. The following table of push / pulls, listed in manufacturer's catalog numbers, is available for acceptable substitution:

| | | | | |
|-------------|---------------|-----------------|--------------|--------------|
| <u>IVES</u> | <u>TRIMCO</u> | <u>HIAWATHA</u> | <u>BURNS</u> | <u>HAGER</u> |
| 8190 x 10" | 1191-3 | 658A | 39C | 12J |
| 9190 x 10" | 1737 | 1081LBP x 658A | 422 x 39C | 159 |

2. The following table of push plates, listed in manufacturer's catalog numbers, is available for acceptable substitution:

| | | | |
|-----------------|---------------|--------------|--------------|
| <u>HIAWATHA</u> | <u>TRIMCO</u> | <u>BURNS</u> | <u>HAGER</u> |
| 200F | 1001-3 | 54 | 30S |

3. Foot pulls at public toilet doors shall be: Ives FP100 with Stainless finish.

- F. Closers: All closers to be barrier-free with low opening resistance as required by A.D.A. accessibility code. Finish shall be **US3** unless noted otherwise. The following table of closer types, listed in manufacturer's catalog numbers, is available for acceptable substitution:

1. Regular action closers:

| | | | | |
|-------------|--------------|---------------|----------------|-------------|
| <u>LCN</u> | <u>DORMA</u> | <u>NORTON</u> | <u>SARGENT</u> | <u>YALE</u> |
| 4110 | 8900 | 7500 | 350 | 4400 |
| 4110 H-CUSH | 8900 DS | CLP7500 | 350 PS | CLP4400 |

DIVISION 8 DOORS AND WINDOWS

- G. Wall Stops/Door Holders: Include wall stops/door holders as listed in the Hardware Schedule. Comparable list of manufacturers for is as follows-
- | | | |
|--|----------------------------|---------------|
| 1. Wall Stop- heavy-duty 3¾" projection: | | |
| <u>IVES</u> | <u>DOOR CONTROLS INT'L</u> | <u>TRIMCO</u> |
| WS11 (GWB) | 3260X | 1205 |
| WS11X (masonry) | 3260X | 1205 |
2. Furnish wall stops as specified in the Hardware Schedule. Where the specified wall stop is not applicable, supply the correct wall stop or overhead stop for Architect's review/approval.
3. Wall stops shall not be mounted to casework, cabinet work, sidelights or equipment. Certain locations require this wall stop to be mounted on wood doors (see Hardware Schedule).
4. Finish shall be **US3** unless noted otherwise.
- H. Protective Plates: Furnish all protective plates as listed in the Hardware Schedule-
1. Kick Plates-
 - i. Hiawatha 18 gage (minimum) or approved equivalent
 - ii. Height as indicated on the Drawings
 - iii. Width shall be 2" less than scheduled door width
 2. Mop Plates-
 - i. Hiawatha 18 gage (minimum) or approved equivalent
 - ii. Height as indicated on the Drawings
 - iii. Width shall be 2" less than scheduled door width
 3. Refer to Drawings for size and location of plates.
- I. Threshold: Pemko #170A (National Guard and Reese lines are equivalent to Pemko- typ.)
- J. Weather-stripping: Pemko #292PAV or equivalent
- K. Sweep: Pemko #315CN or equivalent
- L. Manual Flush Bolts: Ives #FB458 or Ives #FB358 (US26D) or equivalent
- M. Silencers:
1. Hollow Metal Frames: Neoprene, friction-mounted inserts – (2) per leaf
 2. Wood Frames: 3/8" diameter x 1/16" thick, self-adhesive felt pads – (2) per leaf
- N. Automatic Door Operator: Shall be Magic Force (M-Force) by Stanley (StanleyAccess.com).
1. Kit to include ALL hardware required for complete installation of Automatic Door Operator, per manufacturer's installation instructions.

DIVISION 8 DOORS AND WINDOWS

HARDWARE SCHEDULE

Abbreviations:

EDO – Each Door Opening
GJ - Glynn-Johnson
HIA - Hiawatha
IV – Ives
NA – Not Applicable
PEM - Pemko
Sch - Lockset/latchset function designations taken from Schlage catalog
StnI - Stanley
VD - VonDuprin exit devices & associated trim

Group #1.0 - Exterior Entrance (Existing Aluminum Door)

| | | |
|---|--------------------------|--|
| Door: | #100 | |
| exit device | (1) VD CD 98 x NL-OP | EDO; US3 |
| cylinder | (1) to match exit device | EDO |
| automatic door operator | (1) to match exist door | StnI M-Force: US26D (mill-finish aluminum) |
| motion sensor for automatic door operator | (2) | At jamb each side |

ALL OTHER EXISTING HARDWARE EXISTING TO REMAIN

- Notes: 1) Remove existing surface-mounted automatic door operator buttons.
2) Mount new motion sensor door controls at door jambs (recessed at interior).
3) Include all required hardware (power transfer, power supply, etc.) for complete installation of automatic door operator, per manufacturer's installation requirements.
3) Coordinate automatic operator system requirements with Electrical Contractor as required For automatic door operator.
4) Coordinate motion sensor control with automatic operator.

Group #2.0 - Exterior Exit (with NEW Door & Frame)

| | | |
|-------------------|--------------------------|---------------------------------|
| Door: | #112A & #114A | |
| hinges | type 2 | quantity as required US26D; EDO |
| exit device | (1) VD CD 98 x NL-OP | EDO; US3 |
| cylinder | (1) to match exit device | EDO |
| lever | (1) VD 996-NL | EDO; US3 |
| closer | (1) LCN 4110 | EDO; match US3 |
| threshold | PEM #170A | EDO |
| weather-stripping | PEM #292PAV | EDO |
| sweep | PEM #315BN | EDO |
| drip cap | PEM #346C | EDO |

DIVISION 8 DOORS AND WINDOWS

Group #3.0 - Exterior Exit (Existing Door in Existing Frame)

| | | |
|-------------------|--------------------------|----------------|
| Door: | #106 & #117A | |
| hinges | NA | Existing |
| exit device | (1) VD CD 98 x NL-OP | EDO; US3 |
| cylinder | (1) to match exit device | EDO |
| lever | (1) VD 996-NL | EDO; US3 |
| closer | (1) LCN 4110 | EDO; match US3 |
| threshold | NA | Existing |
| weather-stripping | PEM #292PAV | EDO |
| sweep | PEM #315BN | EDO |
| drip cap | NA | Existing |

Group #4.0 – Office/General Interior (New Door in Existing Frame)

| | | |
|-----------------|--------------------|----------------------------|
| Door: | #104 | |
| hinges | type 3 | EDO; quantity as required |
| lockset (lever) | (1) Sch ND10S- RHO | EDO; function- Office; US3 |
| closer | (1) LCN 4110 | EDO; US3 |
| stop | (1) IV WS11 | EDO; US3 |
| smoke gaskets | | |

Group #5.0 – Lounge / Interior Exit (New Door in Existing Frame)

| | | |
|---------------|--------------------------|---------------------------|
| Door: | #105 | |
| hinges | type 3 | EDO; quantity as required |
| exit device | (1) VD CD 98 x NL-OP | EDO; US3 |
| cylinder | (1) to match exit device | EDO |
| lever | (1) VD 996-NL | EDO; US3 |
| closer | (1) LCN 4110 | EDO; match US3 |
| stop | NA | Existing |
| smoke gaskets | | |

Group #6.0 – Meeting / Interior Exit (Existing Door in Existing Frame)

| | | |
|---------------|--------------------------|----------|
| Door: | #112B & #114B | |
| hinges | NA | Existing |
| exit device | (1) VD CD 98 x NL-OP | EDO; US3 |
| cylinder | (1) to match exit device | EDO |
| lever | (1) VD 996-NL | EDO; US3 |
| closer | NA | Existing |
| stop | NA | Existing |
| smoke gaskets | | |

Group #7.0 – Storage (Paired)

| | | |
|-------------------|---------------------|--|
| Door: | #109 & #119 | |
| hinges | type 3 | EDO; quantity as required |
| lockset (lever) | (1) Sch ND80PD- RHO | EDO; active leaf, function- Classroom; US3 |
| manual flush bolt | (2) IV FB458 | inactive leaf; US3 |
| stop | (1) IV WS11 | each leaf; US3 |

DIVISION 8 DOORS AND WINDOWS

Group #8.0 - Restroom/Public (Existing Door in Existing Frame)

| | | |
|-----------|--------------|-----------|
| Door: | #110 & #111 | |
| hinges | NA | Existing |
| push | (1) | US3 |
| pull | (1) | US3 |
| foot pull | (1) IV FP100 | stainless |
| closer | NA | Existing |
| stop | NA | Existing |

Group #9.0 – Existing Door (Office/Kitchen)

| | | |
|-----------------|--------------------------------------|---|
| Door: | #101, #102, #108, #113, #117B & #118 | |
| hinges | NA | Existing |
| lockset (lever) | (1) Sch ND80PD- RHO | EDO; active leaf, function- Office; US3 |
| closer | NA | Existing |
| stop | NA | Existing |

Group #10.0 – Existing Door (Janitor/Mechanical/Storage)

| | | |
|-----------------|--------------------------|--|
| Door: | #103, #107, ##115 & #116 | |
| hinges | NA | Existing |
| lockset (lever) | (1) Sch ND80PD- RHO | EDO; active leaf, function- Classroom; US3 |
| closer | NA | Existing |
| stop | NA | Existing |

END OF SECTION

DIVISION 8 DOORS AND WINDOWS

08 80 00 GLAZING

SCOPE OF WORK

Furnish and install all glass as shown on Drawings and as specified in this Division.

MATERIALS

- A. Insulated Glass Assembly (IGA): Shall be 1" thick sealed units, with clear glass panes with Low-E coating at exterior surface of interior pane (or equivalent).
 - 1. Tempered glass will be used at all panes in doors or adjacent to doors as required by code.
 - 2. Interior pane shall be clear (transparent) Float Glass, sputter-coated on exterior surface with Low-E coating.
 - 5. Insulated glass Assembly (IGA) shall conform to ASTM E773 and E774, shall be of sizes as shown on Drawings, shall be tempered as required by code and shall have maximum U-factor of 0.32, minimum SHGF of 0.63, and approximate VT of 0.48.
- B. Single glass shall be ¼" clear float glass, conforming to ASTM A1036, and of sizes shown on Drawings.
- C. Tempered interior glass shall be ¼" clear float glass, conforming to ASTM A1048, and of sizes shown on Drawings, and where required by code.
- D. Mirrors shall be ¼" clear plate glass, No. 1 quality, exposed hangers, finished edges. All toilet room mirrors over vanity lavatories shall be 36" high, see the Drawings for width. Install tilted mirror assembly at accessible lavatories.
- E. Safety glass: Install as per state and local codes. Supplier must install safety glass as directed by local building official.

INSTALLATION

- A. Store and handle glass carefully to prevent breakage, damage, or scratching.
- B. Install glass as shown on the Drawings and in accordance with the recommendations of the frame and glass manufacturers. Properly place all gaskets, setting blocks, glazing stops, etc. to provide a watertight and weathertight installation.
- C. Clean all glass after installation and protect from damage for the remainder of the construction period.

END OF SECTION

GENERAL REQUIREMENTS

Instructions to Bidders; Division 0, Conditions of the Contract; and Division 1, General Requirements, are part of this division of the specification as if bound herein.

09 29 00 GYPSUM WALLBOARD/ACCESSORIES

SCOPE OF WORK

Furnish gypsum board at walls and ceilings, and textured ceiling to match existing, as shown on Drawings and as specified herein.

Refer to the related Sections:

Section 06 10 00 Rough Carpentry

Section 08 11 13 Hollow Metal Doors and Frames

Section 09 91 00 Painting

MATERIALS

Materials are noted with USG numbers to establish the level of quality. Other acceptable manufacturers include Genstar, Georgia-Pacific, or approved equivalents.

- A. Face Panel (see Drawings for areas of use):
 - 1. USG 5/8" Sheetrock Firecode Gypsum Board.
 - 2. USG 5/8" Sheetrock W/R Gypsum Board (as backer at ceramic tile, shower room and toilet rooms).
- B. Fasteners: Drywall screws, Type S (no nailing authorized).
- C. Trim Accessories: Corner Bead, No. 103 1-1/4" x 1-1/4", zinc control joint No. 093, steel casing No. 200-A 1/2" or 5/8" (see plans). All metal trim mentioned above shall be finished with joint compound. USG reveal type trim No. 400 series shall be allowed only where indicated on Drawings. Vinyl trim is not acceptable.
- D. Drywall Mastic: USG Durabond Joint Compound 210 or 90 for direct lamination to masonry backup.

DIVISION 9 FINISHES

INSTALLATION

A. Gypsum Board Installation

1. Position all ends and edges of all gypsum panels over framing members, except when joints are at right angles to framing members as in perpendicular application or when end joints are back-blocked.
2. Apply gypsum panels first to the ceiling and then to the walls. Extend ceiling board into corners and make firm contact with top plate. To minimize end joints, use panels of maximum practical lengths. Fit ends and edges closely, but not forced together. Stagger end joints in successive courses with joints on opposite sides of a partition placed on different studs.
3. Attach panels to framing supports by power driven screws. Space fasteners not less than 3/8" from edges and ends of panels and drive as recommended for specified fastening method. Drive fasteners in field of panels first, working toward end and edges. Hold panel in firm contact with framing while driving fasteners. Drive fasteners heads slightly below surface of gypsum panels in a uniform dimple without breaking face paper.
4. Cut ends, edges, scribe or make cutouts within field of panels in a proper manner.
5. Install trim at all internal and external angles formed by the intersection of either panel surfaces or other surfaces. Apply corner bead to all vertical or horizontal external corners in accordance with manufacturer's directions.

B. Accessories Installation

1. Corner Bead: Reinforce all vertical and horizontal exterior corner with corner bead fastened with 9/16" galvanized staples 9" o.c. on both flanges along entire length of bead.
2. Metal Trim: Where assembly terminates against masonry or other dissimilar material, apply metal trim over panel edge and fasten with 9/16" galvanized staples 9" o.c.
3. Joint System: Finish all face panel joints and internal angles with a Joint System installed according to manufacturer's directions. Spot exposed fasteners on face layers and finish corner bead, control joints and trim as required, with at least three coats of joint compound, feathered out onto panel faces and sanded smooth. Leave surfaces smooth and ready for other finishes.
4. Control Joints: Locate control joints as shown on drawings or at 30'-0" o.c. maximum if not shown on drawings.

END OF SECTION

09 51 13 ACOUSTICAL CEILINGS

SCOPE OF WORK

Furnish and install fire-rated and non-fire-rated acoustical ceiling panels and suspension systems and related accessories as shown on the Drawings and as specified herein. Subcontractor shall leave one (1) full carton of each type of ceiling panel with the Owner at completion of the job.

MATERIALS

- A. Ceiling Suspension System, meeting the requirements of ASTM C635. Chicago Metallic numbers are used to establish quality, but other manufacturers may be used if approved by the Architect as equivalent. Donn DXL by USG Interiors and Celotex products are approved.
 - 1. Typical rated ceiling: 250 Snap-Grid System
 - 2. Typical unrated ceiling: 200 Snap-Grid System
 - 3. All necessary hanger wire and connectors shall be by ceiling suspension system installer
 - 4. Grid color to match existing (Architect to confirm selection from samples).
- B. Acoustical ceiling panels shall be Type III, Class A or fire-rated (as shown on Drawings), meeting the requirements of Federal Specification SS-S-118B.
 - 1. Type "A" shall be USG Eclipse (Glacier) , shadow line edge, 24" x 24" x 3/4".
 - a. Or approved equivalent
 - 2. Type "B" shall be USG vinyl faced gypsum board, stipple pattern, 24" x 24" x 1/2".
 - a. Certaineed 'VinylRock' is approved equivalent
 - b. Sheetrock "Clima Plus Vinyl" by USG is approved equivalent
- C. Hold down clips, USG No. 20428.

INSTALLATION

- A. All materials shall be delivered in their original unopened packages and stored in an enclosed shelter providing protection from damage and exposure to the elements. Damaged or deteriorated materials shall be removed from the premises. Immediately prior to installation, tile and panels shall be stored for a sufficient time to stabilize temperature and humidity conditions ambient during installation, and anticipated for occupancy.

DIVISION 9 FINISHES

- B. Installation of acoustical tile or panels shall not begin until building is enclosed, permanent heating and cooling equipment in operation, and residual moist plaster, concrete or drywall work dissipated. Installation shall not begin in an exterior application until protection from direct exposure to water and weather has been provided.
- C. Install suspension system according to ASTM C636, "Recommended Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels".
- D. Support suspension system by 12-gauge hanger wires.
- E. Install acoustical tile and panels according to manufacturer's recommendations.
- F. Install hold down clips at ceilings in Vestibules or within 10 feet of an exterior door with no Vestibule.

END OF SECTION

09 65 00 RESILIENT FLOORING

SCOPE OF WORK

Furnish and install resilient flooring as shown on the Room Finish Schedule and included herein. Work shall include vinyl base. Color selection shall be made by Architect. Leave a quantity equivalent to at least 3% of the surface area on site after completion of all Work.

MATERIALS

- A. Base: Rubber Millwork, Mandalay-XX-H 4 1/2" base, as manufactured by Tarkett or approved equivalent. Vinyl base to be applied in continuous 96" lengths, as often as possible. .
- B. Vinyl Composition Tile (V.C.T.): Marbleized 12" x 12" tile, 1/8" thick as made by Kentile, Armstrong, Tarkett or Azrock.
- C. Luxury Vinyl Tile: Armstrong Vivero Collection with Diamond 10 technology ("Better" product); Mannington Commercial Nature's Paths; Venue Wood or Even Heritage Plank by Centiva; iD Latitude Series by Tarkett, or approved equivalent. Product to be lightly textured and suitable for direct glue-down installation with 5-year minimum warranty for commercial applications. Color to be selected by Owner/Architect from complete range of manufacturer's options.
- D. Adhesive: As recommended by the manufacturer of materials to be applied.

INSTALLATION

Carefully examine all surfaces on which materials are to be applied. Starting work constitutes acceptance of surface and assumes responsibility for quality of finish. Install all material in accordance with manufacturer's recommendations.

END OF SECTION

09 77 33 FIBERGLASS REINFORCED PLASTIC PANELING

SCOPE OF WORK

Furnish fiberglass reinforced plastic paneling where scheduled and shown on the Drawings as manufactured by Crane Composites, Inc., Sequentia and Structoglas by Crane Composites, and Marlite are approved equivalent. Installation is under Section 06 20 00.

MATERIALS

Panels shall be 'Glasbord,' embossed, 4' x 8' x 0.09" sheets; white color.

INSTALLATION

Apply directly to unpainted gypsum wall board with adhesive as recommended by manufacturer. At janitor sinks, product should be applied to pre-painted gypsum wall board. Butt all edges. Seal corners.

END OF SECTION

09 91 00 PAINTING

SCOPE OF WORK

- A. Furnish all equipment, labor, and material necessary to complete all items of painting and decorating as required.
- B. Aluminum and other non-ferrous metal will not be painted, except as noted in schedule. Paint piping, ductwork and mechanical equipment in finished spaces.
- C. Acoustic tile will not be painted.
- D. Subcontractor to leave all unopened cans of paint with Owner at completion of job.

MATERIALS

- A. Paint, varnish, stains, and fillers shall be Benjamin Moore, DeVoe, Diamond Vogel, ICI Dulux, Pittsburgh, Pratt & Lambert, Sherwin Williams, or Valspar unless otherwise indicated in the Schedule of Painting. ICI products are used in the Schedule of Painting to establish the quality to be used.
- B. Paint and mixtures, such as shellac, turpentine, linseed oil, etc., shall be of quality standards of the ASTM Specifications for these. Use only those admixtures recommended by paint product manufacturer.

COLOR AND SAMPLES

- A. Paint colors will be selected by Architect before any work is done. The Architect will furnish Painting Contractor with a color slide or list of color numbers. Painting Contractor shall then prepare samples as required, until colors and textures are satisfactory.
- B. Colors may be selected from complete line available.

DIVISION 9 FINISHES

GENERAL REQUIREMENTS

- A. Exposed piping (includes sprinkler piping but NOT heads), conduit, registers, convectors, covers, ductwork (metal brackets for glued laminated beams), etc., generally will be painted to harmonize with walls or ceilings adjacent thereto, or as specified. Walls behind radiation covers are to be painted. Galvanized roof metal is to be painted to match existing.
- B. Metal door frames, etc., generally may be painted to contrast with walls or ceilings adjacent to them.
- C. Exposed structural steel lintels generally will be painted color to match walls or ceiling adjacent to them.
- D. Each coat of paint shall be slightly darker than preceding coat, unless otherwise directed. Undercoats shall be tinted a distinct shade but similar to finish coats. Wall primers must be kept off metal or other materials requiring a different primer.
- E. Treat all galvanized metal that is not factory primed or bonderized with suitable cleaning, degreasing and chemical neutralizing compounds before applying primer. Remove rust and scale, touch-up marred spots on shop applied primers.
- F. Carefully examine masonry or concrete walls to assure that excess mortar, joint fins, mortar blemishes and voids are cleaned or repaired prior to start of work. Start of Work constitutes acceptance of surface and responsibility for acceptable finish.
- G. All custom (not pre-finished) cabinets under Architectural Woodwork Section 06 41 00 shall be finished under this Section.
- H. The painter shall inspect walls for damaged or defective gypsum board walls/ceilings. Such walls/ceilings shall be repaired prior to finishing, by Section 09 29 00. Painter shall be responsible for minor patching.
- I. Protect Work of other trades against damage or injury by materials, tools, utensils used. Work damaged as a result of this contract shall be repaired at this contractor's expense, or if in the opinion of the Architect it cannot be properly repaired, it shall be replaced with new work by this contractor without additional compensation beyond contract amount.
- J. Store and mix materials only in such rooms as may be assigned for this purpose, and take necessary precautions to prevent fire. Any mixing or thinning of material shall be by manufacturer's recommendation or approval only.

DIVISION 9 FINISHES

- K. At completion, the painting contractor shall assume responsibility for normal touch up and restoration and leave all painted surfaces in good condition.
- L. Stain and varnish all wood doors, including tops and bottoms.

SCHEDULE OF PAINTING

The number of coats listed herein are field-applied coats, and all coats will be required even though surfaces have been factory primed. A factory-applied one-coat combination primer-finish shall be considered as a prime coat only.

- A. Exterior
 - 1. Exterior ungalvanized ferrous metal shall have:
 - a. 1 – coat Devguard 4100-7100 alkyd metal primer
 - b. 2 - coats Devguard 4308-XXXX alkyd industrial gloss enamel
 - 2. Exterior galvanized metal shall have:
 - a. 1 – coat Devguard 4120-1000 all purpose metal & galvanized primer
 - b. 2 – coats Devguard 4308-XXXX alkyd industrial primer
- B. Interior
 - 1. Interior ferrous metals:
 - a. 1 – coat Devguard 4100-4700 alkyd metal primer
 - b. 2 – coats Ultra-Hyde 1516-XXXX alkyd semi-gloss at bar joists (exposed), one (1) coat dry fog 1380-1220 (flat) or dry fog 1582-1200 (eggshell only if noted).
(Note: Field paint all brackets, hangers and bolts associated with glue-laminated beams.)
 - 2. Interior galvanized metal shall have:
 - a. 1 – coat Devguard 4120-1000 all purpose metal & galvanized primer finish coat(s) to match adjacent surface
 - 3. Interior hardwoods (except hardwood floor)
 - a. 1 – coat 1700-XXXX wood pride interior oil stain
 - b. 1 – coat 1908-0000 wood pride gloss polyurethane
 - c. 2 – coats 1902-0000 wood pride stain polyurethane

DIVISION 9 FINISHES

4. Interior hardwoods (for premium grade factory finish)
 - a. Factory finish in accordance with AWI Premium Quality Standards Section 1500. [stain color as specified and selected per sample approval]
 - b. Horizontal surfaces
 - I. stain – color as selected by Architect
 - II. vinyl washcoat
 - III. filler
 - IV. vinyl sealer
 - V. sand (220 grit)
 - VI. 2-coats Krystal #C145 conversion varnish, or DuraVar #C142 Post-catalyzed Lacquer, semi gloss
 - a. Vertical surfaces
 - I. stain – color as selected by Architect
 - II. vinyl sealer
 - III. sand (220 grit)
 - IV. 2-coats Krystal #C145 conversion varnish, or DuraVar #C142 Post-catalyzed Lacquer, semi gloss
 5. Interior softwoods:
 - a. Painted:
 - I. 1 – coat 1120-1200 prep & prime solvent-based primer
 - II. 2 – coats 1902-0000 wood pride satin polyurethane
 - b. Stained: (including wood windows)
 - I. Same as hardwoods
 6. Interior gypsum board:
 - a. 1 – coat 1000-1200 prep & prime Hi-hide primer sealer
 - b. 1 – coat 1412-XXXX ultra-hide latex eggshell
- C. Mechanical and Electrical Work
1. Exterior mechanical and electrical material and equipment shall be painted as specified above for exterior work and the respective type of material.
 2. Interior mechanical and electrical material and equipment to be painted shall be painted as specified above for interior work and the respective type of material. Small items such as grilles and registers occurring in painted walls and ceilings shall have the same type of finish as the wall or ceiling.

DIVISION 9 FINISHES

EXECUTION

- A. Condition of surfaces: Do not proceed until any discovered defects such as cracks and other surface imperfections have been corrected and surfaces are acceptable to receive the specified products.
- B. Preparation of new surfaces:
 - 1. Prepare surfaces to receive scheduled work as set forth below.
 - 2. Unfinished wood and plywood:
 - a. Remove surface dirt and grit with a detergent solution followed by a thorough rinsing with clear water. Allow surface to dry completely before coating.
 - b. Remove all pencil marks and grade stamps before sanding when a semi-transparent finish is to be applied. All loose wood fibers or dust should be removed by brushing.
 - 3. Galvanized Metal: Remove all dirt, oil, grease and other foreign matter. Wash thoroughly with a solvent such as mineral spirits. If rusted, wire brush or sand clean and apply primer.
 - 4. Concrete, Masonry, Stucco: Allow to age at least one (1) month. Remove dirt, grease, loose sand particles, and other foreign material with a solution of one cup detergent in one gallon warm water. Where efflorescence has occurred, wash with a 10% muriatic acid solution; rinse thoroughly with clear water and allow to dry. When dry, remove all residual dust and allow at least one week prior to coating to see if efflorescence reappears. If so, repeat treatment. In hot weather prewet surface with water and apply coating while still damp.
- C. Mixing
 - 1. General: Furnish coatings ready-mixed unless otherwise specified, in accordance with manufacturer's directions.
 - 2. Fully mix paint or stain pigments to maintain a soft paste consistency in the vehicle during storage that can be dispersed readily and uniformly to a homogeneous mixture and shall have good flowing and brushing properties, to dry or cure free of streaks or sags and to yield the desired finish specified.

DIVISION 9 FINISHES

D. Application

1. General: Apply paint, stain or finish by methods generally accepted by the trade to achieve approved results. Do not apply finishes on surfaces that are not sufficiently dry. Make sure each coat of finish is dry and hard before a following coat is applied unless the manufacturer's direction states otherwise. Where applicable, tint filler to match stain when clear interior finishes are specified; work filler well into grain and, before it has set, working perpendicularly to the grain, wipe the excess from the surface.

E. Factory Applied finish application

1. General: Sand just prior to staining. Apply paint, stain or finish by methods generally accepted by the trade to achieve approved results. Do not apply finishes on surfaces that are not sufficiently dry. Make sure each coat of finish is dry and hard before a following coat is applied unless the manufacturer's direction states otherwise. Where applicable, tint filler to match stain when clear interior finishes are specified; work filler well into grain and, before it has set, working perpendicularly to the grain, wipe the excess from the surface.
2. Priming new exterior wood surfaces
 - a. For surfaces to receive paint or latex stain finish: Prime with exterior wood primer all exposed wood surfaces including faces, edges, and ends before installation by other trades. After exterior doors are fit to frames, but prior to their installation by other trades, apply not less than one coat of wood primer and one coat of finish paint or stain to top, bottom and edges of each door.
 - b. For surfaces to receive stain finish: Prime and backprime with finish coat, faces, edges and ends prior to installation by other trades. After exterior doors are fit to frames but prior to their installation by other trades, apply two coats of stain to top, bottom, and edges of each door.
3. Brushing: For oil-based products, use a high-quality natural bristle brush. For latex products use a nylon or synthetic bristle brush. In all brushing, maintain a wet edge to avoid lap marks. On horizontal siding, begin at one edge of several boards and apply the coating all the way across to a logical break, such as a door, window, other trim, or corner. On vertical siding, begin at the top of several boards and work down. When brushing, work the material into the surface for maximum durability.
4. Rolling: Rolling can be used for applying to rough or resawn surfaces. Use medium or deep pile rollers on rough surfaces. Use a short nap roller to apply paint to smooth surfaces.

DIVISION 9 FINISHES

5. Spraying:
 - a. Use either airless or conventional air atomizing high-pressure spraying equipment. Take steps to ensure that an adequate amount of coating is applied to the surface. Use at 40° to 60° fan angle.
 - b. Follow spray application of oil-based products with a dry brush or roller pass to ensure even distribution of the material over the surface and to force the coating into the wood surface. Spray application of latex products does not require dry brushing or rolling.
 - c. Follow proper safety and health precautions during all spray applications.
 - d. Follow specific manufacturer's recommendations for spray application.

F. Cleaning

1. General: As the Work proceeds, and upon completion of the Work, promptly remove all coatings where spilled, splashed or splattered in a manner as not to damage the surface from which it is removed. During the progress of the work, keep the premises free from any unnecessary accumulation of tools, equipment, surplus materials and debris resulting from the work under this section. At the conclusion of the work, leave the premises neat and clean to the satisfaction of the Architect or General Contractor.

END OF SECTION

GENERAL REQUIREMENTS

Instructions to Bidders; Division 0, Conditions of the Contract; and Division 1, General Requirements, are part of this division of the Specification as if bound herein.

10 14 00 CODE REQUIRED SIGNAGE

SCOPE OF WORK

Furnish signage as specified and shown on the Drawings, including but not limited to: Braille and raised-text signs for accessible entrances/exits, fire-fighting equipment, toilet rooms, mechanical rooms, assembly occupancy, and as required by the International Building Code 2015, the Americans with Disabilities Act, and all other applicable codes. Installation is included under Section 06 20 00.

SHOP DRAWINGS

Submit as specified in Section 01 33 23.

MATERIALS

- A. Interior signage: Shall be as shown on the Drawings and required by code (e.g. occupancy signage, accessibility signage, egress and fire protection signage, etc. See relevant code sections listed below under Installation); per FastSigns or approved equivalent.
 - 1. "Exit" Signs: Shall be Acrylic ADA 9"x9" with braille and black text on 'Cool Gray 4' background (per FastSigns color selections), or approved equivalent.
 - 2. "Toilet Room" Signs: Shall be Acrylic ADA 9"x9" with braille with black text on 'Cool Gray 4' background (per FastSigns color selections), or approved equivalent.
 - 3. "Mechanical Room" Signs: Shall be Acrylic ADA 9"x9" with braille with black text on 'Cool Gray 4' background (per FastSigns color selections), or approved equivalent.
 - 4. Assembly Occupancy Signs: Shall be Acrylic ADA 9"x12" with braille with black text on 'Cool Gray 4' background (per FastSigns color selections), or approved equivalent.

DIVISION 10 SPECIALTIES

INSTALLATION

- A. Interior signage: All tactile/braille signs shall be mounted on the WALL at the LATCH side of the referenced door (or on the nearest adjacent wall at the LATCH side of door) for single doors. For double doors, the sign shall be mounted at the RIGHT side of the door frame). Tactile characters (raised letters) shall be located a minimum of 48" above floor, and a maximum of 60" above floor. Braille shall be located on each sign directly below raised text characters.

See IBC Sections: 905.7.1, 1004.3, 1009.9, 1009.11, 1010.1.9.3, 1013.1, 1111 and ICC A117.1

END OF SECTION

10 21 13 TOILET PARTITIONS

SCOPE OF WORK

Furnish all toilet partitions and related items as indicated on the Drawings and as herein specified. Installation is under Section 06 20 00.

SUBMITTALS

Submit shop drawings showing partition layout and conditions with instructions for installation, per Section 01 33 23.

MANUFACTURER

Units shall be complete assemblies as manufactured by Accurate, American Sanitary, General Partition, Global, Metpar, or Sanymetal meeting the specification for overhead braced floor-mounted units.

MATERIALS

- A. Minimum Zinc Galvanizing: .00015 each side
- B. Pilasters: 1-1/4" thick, 20 gauge
- C. Flush Partitions: 1" thick minimum 22 gauge
- D. Flush Doors: minimum 22 gauge
- E. Brackets: minimum 2 1/2" deep anodized aluminum stainless fasteners
- F. Partition, Door, and Stile Corners: galvanized, stainless steel cover
- G. Steel: galvanized, bonderized stretches leveled furniture steel
- H. Bases and Caps: stainless steel
- I. Grab Bars: provide reinforcement necessary to support grab bars
- J. Toilet Paper Holder: each stall equal to Bobrick B-686 (B-2740 in school applications)
- K. Urinal Screen: wall mounted, 24" x 42", same material and finish as toilet partitions
- L. Coat Hook: each stall to have a stainless steel coat hook with rubber bumper

DIVISION 10 SPECIALTIES

FINISH

Clean and degrease and apply on rust-inhibitive prime bonding paint coat and one or more finish coats of synthetic baking enamel electrostatically applied and baked at high temperature.

HARDWARE

All operating hardware shall be chrome plated hardware or stainless steel, other hardware anodized aluminum.

- A. Hinges: shall be gravity type, surfaced mounted
- B. Latch: shall be positive privacy lift-free latch, brass with stainless bolt, emergency access feature, rubber bumper, and rubber tipped bumper coat hook.

END OF SECTION

10 28 13 TOILET ACCESSORIES

SCOPE OF WORK

Furnish and install all toilet accessories as shown on the Drawings and as specified herein.

MATERIALS

- A. Grab bars: 1-1/2" diameter stainless steel, equal to Bobrick B-6806 series or Gamco, sizes shown on Drawings.
- B. Surface mounted toilet paper holder equal to Bobrick B-686 (Rooms #110 & #111).
- C. Mirrors (including tilted, ADA-compliant at accessible lavatories) of sizes as shown on Drawings.
- D. All other accessories by Owner.

INSTALLATION

Install in accordance with the Drawings, manufacturer's recommendations, and state and local codes. Shop drawings are required. See Section 01 33 23.

END OF SECTION

RENOVATION FOR:

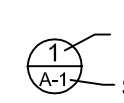
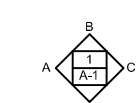


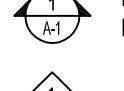
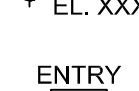
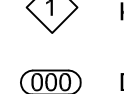
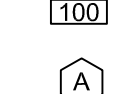
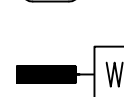
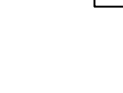
LARUE COUNTY

SENIOR CITIZENS CENTER

ABBREVIATIONS

| | |
|--|--|
| A & ABV ACP ADD AFF ALT ALUM | AND ABOVE ACOUSTIC CEILING PANEL ADDENDUM ABOVE FINISH FLOOR ALTERNATE ALUMINUM |
| B BD BF BLDG BLKG BLW BOT B.R. | BOARD BARRIER FREE BUILDING BLOCKING BLW BOTTOM BACKER ROD |
| C CL CLG CMU COL CONC CONT CT CTR | CENTER LINE CEILING CONCRETE MASONRY UNIT COLUMN CONCRETE CONTINUOUS CERAMIC TILE CENTER |
| D DEMO DET DF DIA DIM DN DR | DEMOLITION DETAIL DRINKING FOUNTAIN DIAMETER DIMENSION DOWN DOOR |
| E (E) EA EL EQ EXT | EXISTING EACH ELEVATION EQUAL EXTERIOR |
| F FD FIN FLR FLSHG FNDTN FO FOM FOS FRP FTG | FLOOR DRAIN FINISH FLOOR FLASHING FOUNDATION FACE OF FACE OF MASONRY FACE OF STUD FIBERGLASS REINFORCED PANEL FOOTING |
| G GA GAL GALV GB GEN GRD GYP | GAUGE GALLON GALVANIZED GYPSUM BOARD GENERAL GRADE GYPSUM |
| H HB HC HD HM HORIZ HDWR | HOSE BIB HANDICAPPED HEAD HOLLOW METAL HORIZONTAL HARDWARE |
| I ID IN INCL INSUL INT | INSIDE DIMENSION INCH INCLUDE INSULATION INTERIOR |
| K KIT | KITCHEN |
| L LAV LF LVR | LAVATORY LINEAL FOOT LOUVER |
| M MAS MAX MECH MFR MIN MISC MNTD | MASONRY MAXIMUM MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS MOUNTED |
| N N N/A NIC NO NTS | NONE NOT APPLICABLE NOT IN CONTRACT NUMBER NOT TO SCALE |
| O OC OPP OPNG | ON CENTER OPPOSITE OPENING |
| P PL PLAM PLBG PLYWD PR PT PVG | PLATE PLASTIC LAMINATE PLUMBING PLYWOOD PAIR PAINT PAVING |
| Q QTY | QUANTITY |
| R REINF REF REQ RM RO | REINFORCED REFRIGERATOR REQUIRED ROOM ROUGH OPENING |
| S SF SCHED SIM SPEC STL STR STRUCT SUSP | SQUARE FOOT SCHEDULE SIMILAR SPECIFICATION STEEL STRUCTURE STRUCTURAL SUSPENDED |
| T T TEMP TO TYP | TOILET TEMPORARY TOP OF TYPICAL |
| U UNO | UNLESS NOTED OTHERWISE |
| V VCT VERT VEST VIF VTR VYL | VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD VENT THROUGH ROOF VINYL |
| W W/ WC WD WH W/O | WITH WATER CLOSET WOOD WATER HEATER WITHOUT |

SYMBOLS

| | | | |
|---|--|---|--------------------------------|
|  | DETAIL/DRAWING NO. |  | INTERIOR ELEVATION REFERENCE |
|  | SHEET ON WHICH DRAWING/ DETAIL APPEARS |  | ELEVATION LEVEL OR DATUM POINT |
|  | EXTERIOR ELEVATION REFERENCE |  | ROOM NAME ROOM NUMBER |
|  | KEYED NOTE |  | WINDOW TYPE |
|  | DOOR NUMBER | | |
|  | INTERIOR FURRING OR PARTITION TYPE | | |

SHEET INDEX

| | |
|---------------|--|
| T-1 | TITLE SHEET / SHEET INDEX / SYMBOLS / ABBREVIATIONS |
| CR-1 | CODE SUMMARY & CODE REFERENCE PLAN |
| ARCHITECTURAL | |
| D-1 | FLOOR PLAN - DEMOLITION |
| A-1 | FLOOR PLAN, DOOR SCHEDULE & DETAILS |
| A-2 | REFLECTED CEILING PLAN, ROOM FINISH SCHEDULE & DETAILS |

MECHANICAL

| | |
|-----|------------------------------|
| M-1 | FLOOR PLAN - HVAC DEMOLITION |
| M-2 | FLOOR PLAN - HVAC |
| M-3 | HVAC SCHEDULES & LEGEND |
| M-4 | HVAC SPECIFICATIONS |

PLUMBING

| | |
|-----|-------------------------------------|
| P-1 | FLOOR PLAN - PLUMBING |
| P-2 | PLUMBING SCHEDULES & SPECIFICATIONS |

ELECTRICAL

| | |
|-----|------------------------------|
| E-1 | FLOOR PLAN - LIGHTING |
| E-2 | FLOOR PLAN - POWER & SYSTEMS |
| E-3 | ELECTRICAL SCHEDULES |
| E-4 | ELECTRICAL SPECIFICATIONS |

PROJECT TEAM

| | | |
|---|--|---|
| Owner LaRue County Fiscal Court 209 West High Street, Suite 4 Hodgenville, Kentucky 42748 | Architect David C. Hennen, Architect, PLC 343 East Main Street Lebanon, Kentucky 40033 (270) 465-8153 dchenhen@yahoo.com | Mechanical/Plumbing/Electrical Engineer Harvard B. Johnson, PE 336 Collett Bridge Road Alvaton, Kentucky 42122 harvardbeneng@gmail.com |
|---|--|---|



DAVID C. HENNEN
ARCHITECT

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270.634.8153 dchenhen@yahoo.com

I HEREBY CERTIFY THAT THIS
PLAN WAS PREPARED BY ME
OR UNDER MY DIRECT SUPER-
VISION AND THAT I AM A DULY
REGISTERED ARCHITECT
EXERCISING MY RIGHTS OF THE
STATE OF KENTUCKY

DATE:
NO. 6605

DATE: 11/09/2022
DRAWN BY: DCH
CHECKED BY: DCH
REVISIONS:

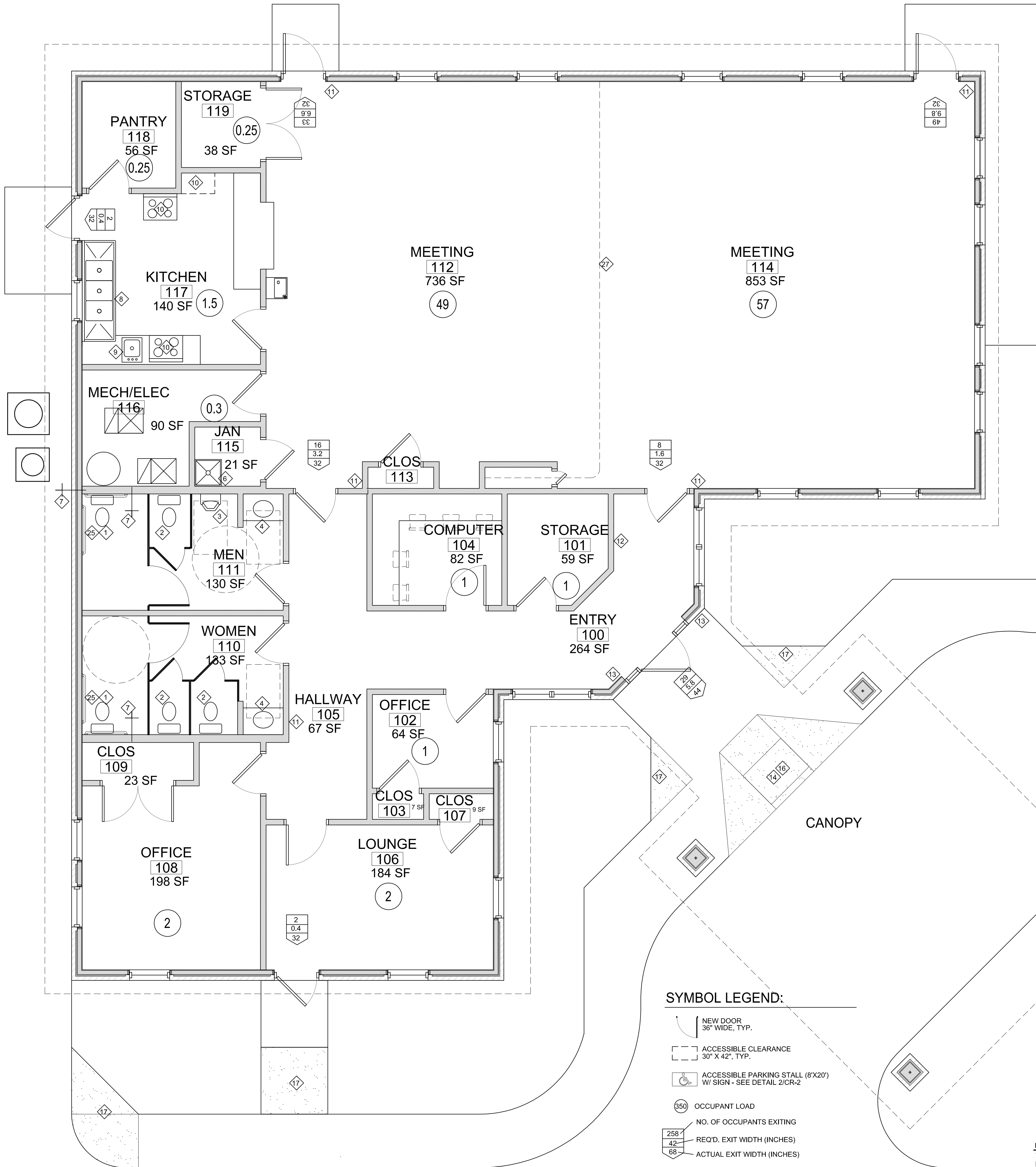
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PROJECT NUMBER: 2114

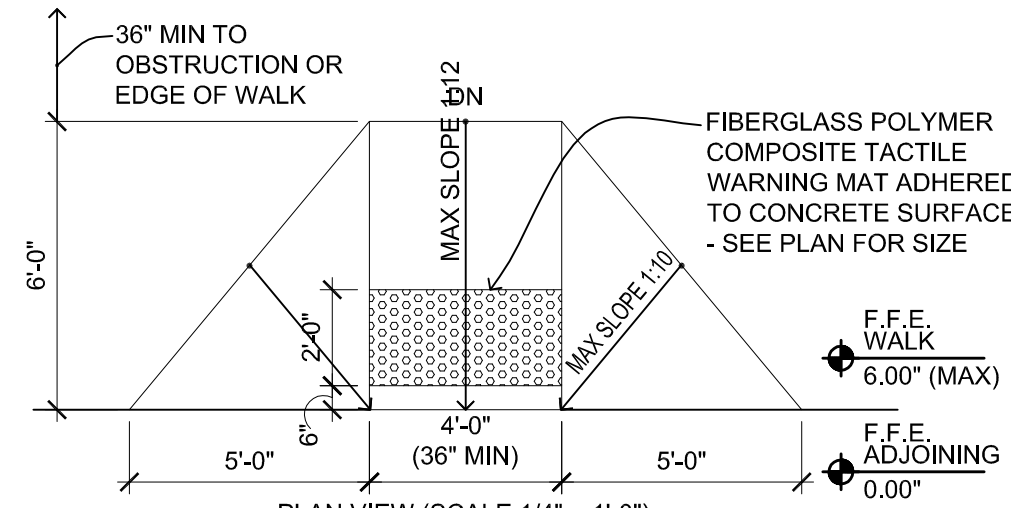
RENOVATION FOR:
**LARUE COUNTY SENIOR
CITIZENS CENTER**
112 N. Walters Avenue, Hodgenville, Kentucky 42748

TITLE PAGE
SHEET INDEX, ABBREVIATION
AND EXTERIOR RENDERING

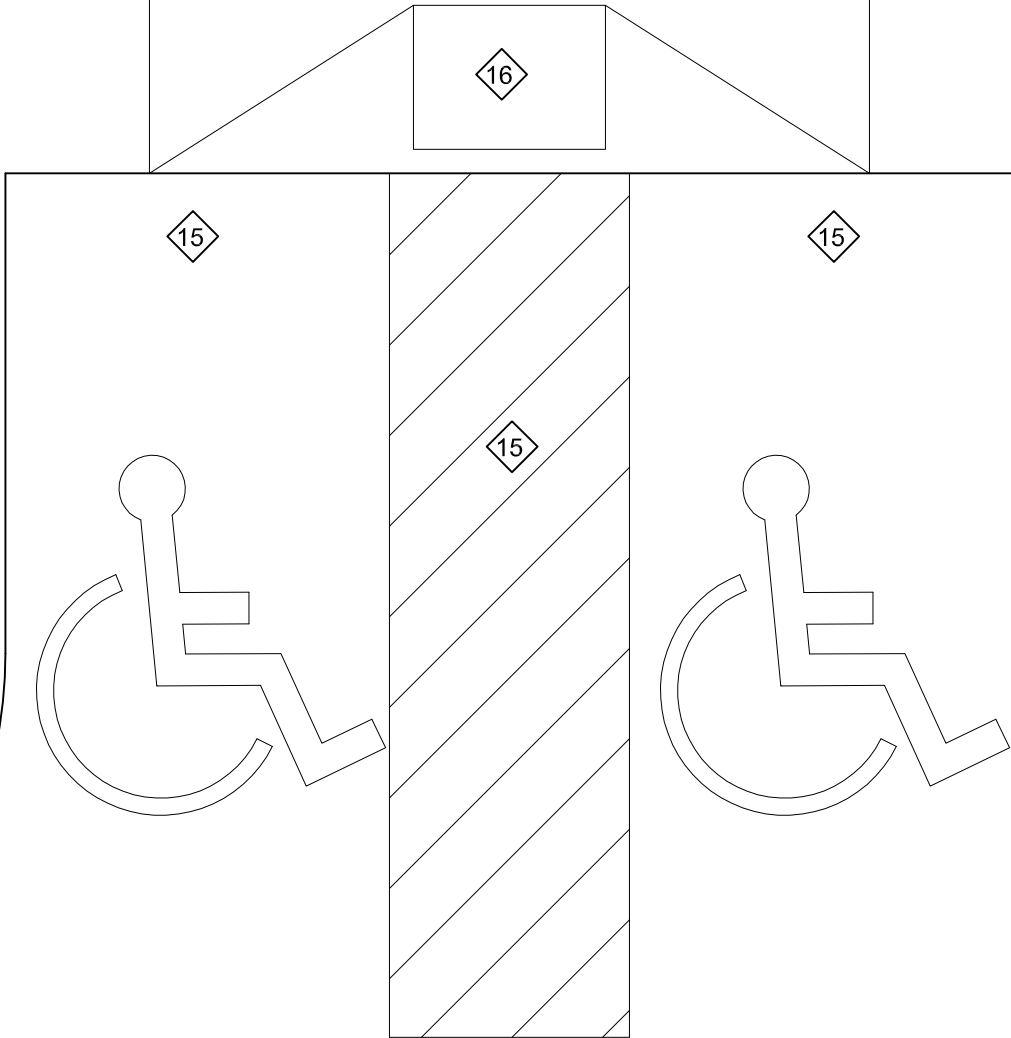
SHEET
T-1
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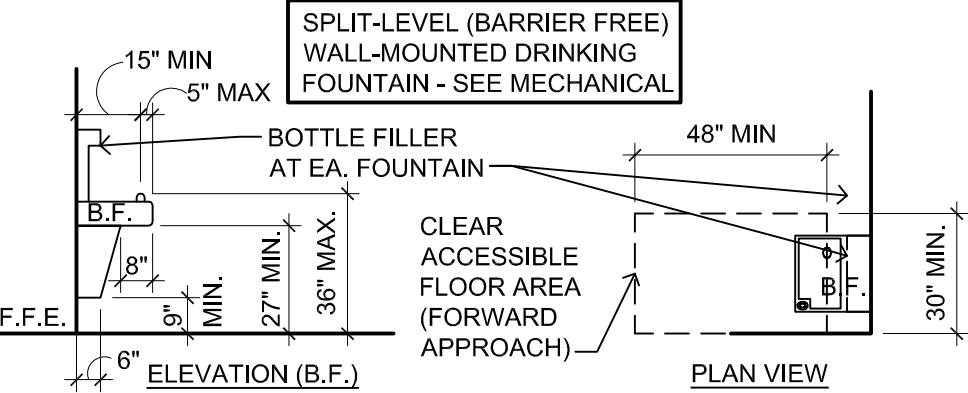
1 FLOOR PLAN - CODE REFERENCE
SCALE: 1/4" = 1'-0"



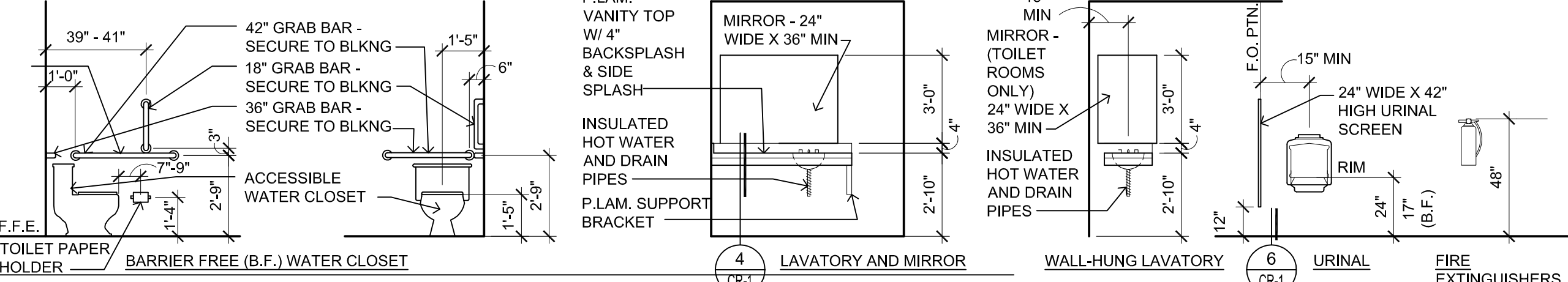
5 ACCESSIBLE CURB RAMP
SCALE: 1/4" = 1'-0"



4 VANITY DETAIL
SCALE: 1" = 1'-0"



3 DRINKING FOUNTAIN
SCALE: 1/4" = 1'-0"



2 FIXTURE MOUNTING DETAILS
SCALE: 1/4" = 1'-0"

| CODE SUMMARY per IBC 2015/2018 KBC & 2015 IEBC | | |
|--|-----------|--|
| OCCUPANCY: Non-Separated Occupancies (A-3 & B) - using A-3 (IBC 508.3) | | |
| Building is NOT provided with Automatic Fire Suppression System | | |
| CONSTRUCTION TYPE: V-B (non-rated per IBC Section 602) | | |
| Fire-Resistance Ratings for Elements (Table 601) | Rating | UL Assembly or Item # from IBC Table 720.1 |
| Structural Frame | 0 | N/A |
| Bearing Walls | 0 | N/A |
| Non-Bearing Walls (Inter.) | 0 | N/A |
| Floor Construction | 0 | N/A |
| Roof Construction | 0 | N/A |
| ALLOWABLE AREA: | | |
| A-3 Occupancy (per table 506.2 = NS) | Allowed | Designed |
| | 6,000 sf | 4,318 sf |
| Total Allowable Area (Calculated)** | 10,260 sf | W/ Canopy |
| Calculations A1=6,000; NS=6,000; F=232; P=232 | | |
| Sa = 1; L1= 166'; L2 = 70'; W1= 23'; W2 = 30'; W=28.4' * | | |
| If = [(F/P-0.25) W/30] = [(232/232 - 0.25) 28.4/30] = 0.71 | | |
| W = (L1 x W1 + L2 x W2)/F | | |
| Aa = [A1 + (NS x If)] x Sa | | |
| *W = [166(30)+(70(23))/232= (4980 +1610)/232 = 28.4 ft | | |
| **A-3: Aa = [6,000+(6,000 x 0.71)] x 1= (6,000 +4,260)x1 = 10,260 sf | | |
| ALLOWABLE HEIGHT: | | |
| A-3 (per table 504.4 non-sprink) | Allowed | Designed |
| | 1 Story | 1 Story |
| A/B (per table 504.3 non-sprink) | 40 feet | ~ 30 feet |
| FIRE PROTECTION SYSTEM (IBC 903.2.1.3) | | |
| The building is NOT equipped throughout with an automatic sprinkler system, as the fire area does NOT exceed 12,000 sf, and there is no fire area located on a floor other than the level of exit discharge serving the assembly occupancy. HOWEVER, there are (2) sprinkler heads located in the Pantry area (adjacent to the kitchen), which will not be affected by new work. | | |
| MANUAL FIRE ALARM SYSTEM | | |
| The building IS currently equipped throughout with an existing manual fire alarm system, which is NOT required, as Assembly occupancy is less than 300 (KBC 907.2.1). Existing alarm system to remain without further upgrade. | | |
| OCCUPANCY SEPARATION (KBC Table 508.4) | | |
| Separation of occupancies is not required as the designed building area is within the allowable area as computed for the MOST RESTRICTIVE use: Assembly A-3 (per Section 508.3.3). | | |
| OCCUPANT LOAD FACTORS (KBC Table 1004.1.2) | | |
| Assembly (unconcentrated) = 15 sf/occupant (tables and chairs) | | |
| Business = 100 sf/occupant | | |
| Kitchen = 200 sf/occupant | | |
| Storage/Mechanical = 300 sf/occupant | | |
| Occupancy Calculations: | | |
| Assembly = 1589 sf / 15 = 106 Occupants | | |
| Business = 596 sf / 100 ~ 7 Occupants | | |
| Kitchen = 1400 sf / 200 ~ 1.5 Occupants | | |
| Storage/Mechanical = 252 sf / 300 ~ 1 Occupant | | |
| Total Occupancy = 116 Occupants | | |
| Exit Width Factors (w/o sprinklers) : Doors = 0.2, Stairs = 0.3 | | |
| Exit access travel distance = 200 ft MAX (per IBC Table 1017.2) | | |
| Number of Exits Required (Table 1006.3.1 and Section 1006.3.1) | | |
| Number of Occupants Exiting = 117 (Assembly/Business) | | |
| 2 Exits Required (per IBC Table 1006.3.1) 117<500 (5 provided) | | |

- CODE REFERENCE NOTES:
- NEW ACCESSIBLE TOILET FIXTURE WITH HANDS-FREE FLUSH - SEE 2/CR-1 AND PLUMBING
 - NEW STANDARD TOILET FIXTURE WITH HANDS-FREE FLUSH - SEE 2/CR-1 AND PLUMBING
 - NEW ACCESSIBLE URINAL WITH HANDS-FREE FLUSH - SEE 2/CR-1 AND PLUMBING
 - NEW ACCESSIBLE LAVATORY IN VANITY WITH HANDS-FREE FAUCET - SEE 2/CR-1 AND PLUMBING
 - ACCESSIBLE WATER COOLER W/ BOTTLE FILLER - SEE DETAIL 3/CR-1
 - EXISTING UTILITY SINK LOCATION - NO CHANGE
 - EXISTING EXTERIOR HOSE BIB - NO CHANGE
 - EXISTING 3-COMPARTMENT SINK - NO CHANGE
 - EXISTING SINGLE-BOWL BAR SINK - NO CHANGE
 - EXISTING RESIDENTIAL-STYLE ELECTRIC RANGE OR MICROWAVE FOR FOOD WARMING
 - EXISTING FIRE EXTINGUISHER LOCATION - SEE DETAIL 2/CR-1
 - EXISTING FIRE ALARM PANEL - NO CHANGE
 - EXISTING AUTOMATIC DOOR WITH MOTION SENSING ACTUATOR AT THIS LOCATION
 - NEW ACCESSIBLE CURB CUT AT MAIN ENTRY - SEE DETAIL 5/CR-1
 - EXISTING ACCESSIBLE PARKING STALLS WITH STRIPED AISLE AT DROPPED WALK - WITH EXISTING SIGNS
 - PROVIDE 24"x48" ADHESIVE-APPLIED, TRUNCATED DOME DETECTABLE WARNING MAT - YELLOW COLOR
 - EXTEND AND WIDEN EXISTING WALKS AS NEEDED TO PROVIDE REQUIRED 3'-0" MINIMUM CLEARANCE

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NO. 6605
DATE:

DATE: 11/09/2022
DRAWN BY: DCH
CHECKED BY: DCH
REVISIONS:

PROJECT NUMBER: 2114

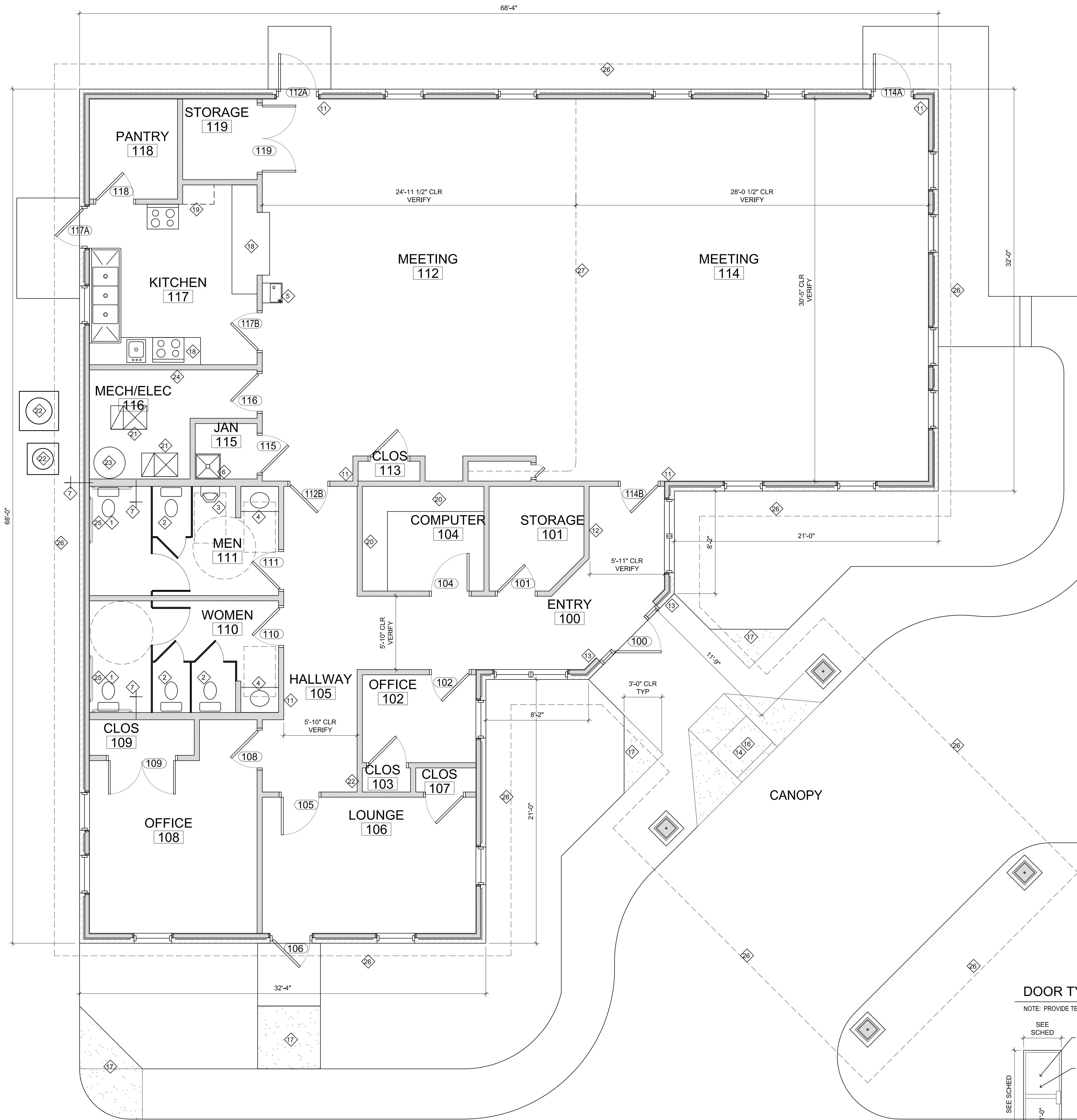
RENOVATION FOR:
LARUE COUNTY SENIOR
CITIZENS CENTER
112 N. Walters Avenue, Hodgenville, Kentucky 42748

CODE REFERENCE
FLOOR PLAN
& DETAILS

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CR-1
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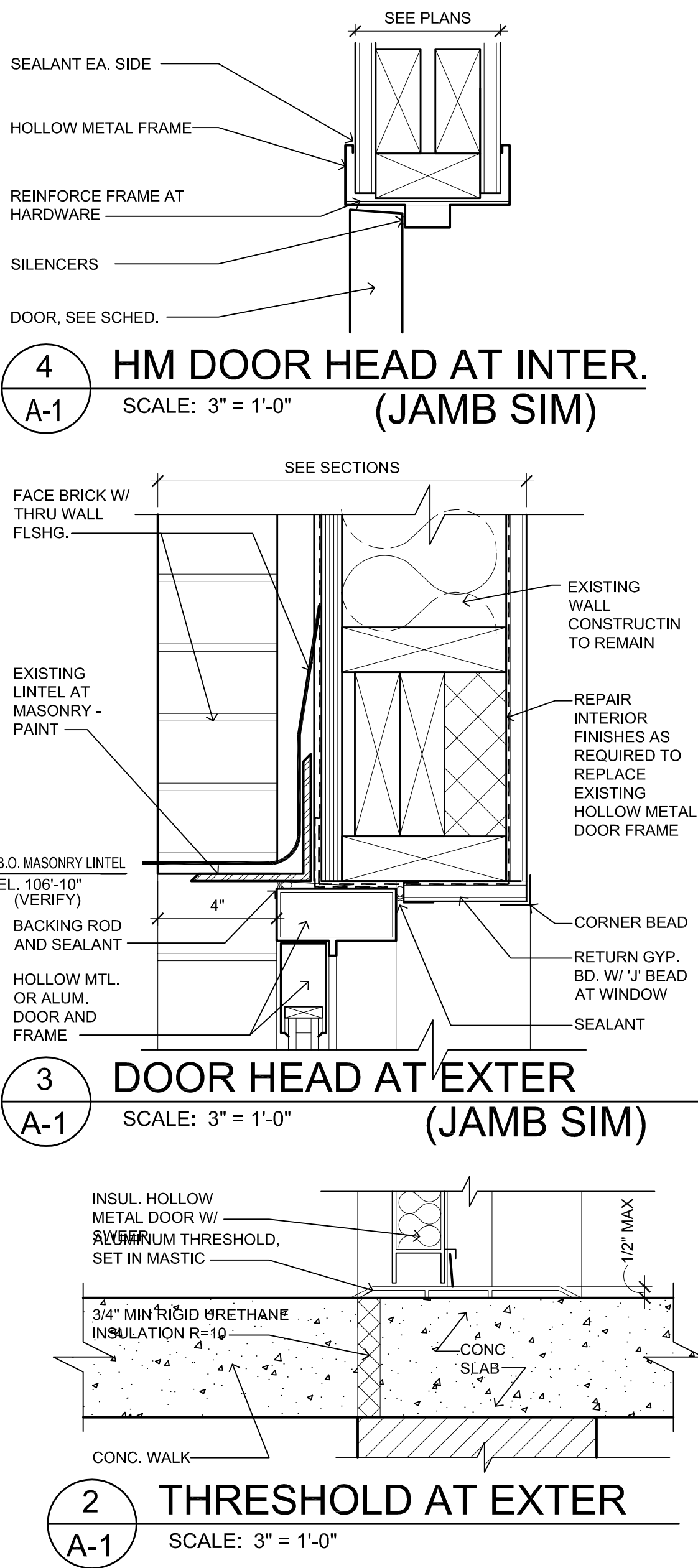


1. REMOVE EXISTING TOILET FIXTURE OR URINAL
2. REMOVE EXISTING LAVATORY AND VANITY
3. REMOVE EXISTING WALL-HUNG UTILITY SINK
4. REMOVE EXISTING WATER COOLER UNIT
5. REMOVE EXISTING BAR SINK - SAVE AND RE-INSTALL IN NEW COUNTER
6. REMOVE EXISTING COUNTERTOPS AND MICROWAVE SHELF IN KITCHEN - PROTECT EXISTING CABINETS
7. EXISTING 3-COMPARTMENT SINK - NO CHANGE
8. REMOVE EXISTING EXTERIOR DOOR AND FRAME
9. REMOVE EXISTING DOOR SLAB(S) - FRAME TO REMAIN - SAVE HINGES FOR POSSIBLE RE-USE
10. REMOVE EXISTING FLOORING, WALL BASE AND ADHESIVE THIS AREA - SEE ROOM FINISH SCHEDULE
11. REMOVE EXISTING SUSPENDED CEILING AND GRID THIS AREA - SEE ROOM FINISH SCHEDULE
12. REMOVE HVAC DIFFUSERS AND GRILLES AS NECESSARY FOR HVAC WORK THIS AREA - SEE CEILING PLAN AND ROOM FINISH SCHEDULE
13. REMOVE GYPSUM BOARD CEILING THIS AREA AS NECESSARY FOR HVAC WORK - SEE CEILING PLAN AND ROOM FINISH SCHEDULE
14. REMOVE EXISTING EMERGENCY AND EXIT LIGHTS AND ASSOCIATED REMOTE EXTERIOR HEADS THIS ROOM - SEE ELECTRICAL
15. REMOVE EXISTING LIGHT FIXTURES AND SWITCHES THIS ROOM - SEE ELECTRICAL
16. REMOVE EXISTING WALL PACK, WALL SCONCE AND CAN LIGHT FIXTURES AT EXTERIOR - SEE ELECTRICAL
17. REMOVE EXISTING PUSH-BUTTON AUTOMATIC DOOR ACTUATOR SWITCH AND J-BOX (SEE ELECTRICAL) - REMOVE INTERIOR WALL FINISH AS REQUIRED FOR NEW RECESSED J-BOX AND CONDUIT
18. REMOVE CONCRETE AS REQUIRED FOR NEW ACCESSIBLE CURB CUT AT MAIN ENTRY - SEE DETAIL 3/CR-2
19. REMOVE CONCRETE AS REQUIRED FOR NEW ACCESSIBLE WALK AT 1:12 MAXIMUM SLOPE (72" MAX RUN)
20. REMOVE EXISTING FURNACE/AIR-HANDLER UNIT - SEE MECH'L
21. REMOVE EXISTING HVAC CONDENSING UNIT - SEE MECH'L
22. EXISTING HOT WATER HEATER TO REMAIN
23. REMOVE GYPSUM BOARD AT WALLS AS REQUIRED TO INSTALL NEW BLOCKING FOR COUNTERS, GRAB BARS AND TO INSTALL NEW POWER/DATA OUTLETS - SEE 2/CR-1, 4/CR-1, 1/A-1 AND ELECTRICAL



GENERAL NOTES:
ALL EXTERIOR DIMENSIONS FROM FACE OF MASONRY, UNLESS NOTED OTHERWISE.
ALL INTERIOR DIMENSIONS FROM INTERIOR FACE OF WALL TO FACE OF WALL, UNLESS NOTED OTHERWISE.
FIELD VERIFY ALL EXISTING DIMENSIONS AND SQUARE-FOOTAGE CALCULATIONS (SEE 1/CR-1 FOR APPROXIMATE SQUARE-FOOTAGE OF EACH ROOM).
ALL NEW DOORS ARE 36" WIDE UNLESS NOTED OTHERWISE.
FIELD VERIFY ALL EXISTING DOOR FRAME SIZES WHERE NEW DOOR SLABS TO BE INSTALLED.

- FLOOR PLAN NOTES:**
- 1 NEW ACCESSIBLE TOILET FIXTURE WITH HANDS-FREE FLUSH - SEE 2/CR-1 AND PLUMBING
 - 2 NEW STANDARD TOILET FIXTURE WITH HANDS-FREE FLUSH - SEE 2/CR-1 AND PLUMBING
 - 3 NEW ACCESSIBLE URINAL WITH HANDS-FREE FLUSH - SEE 2/CR-1 AND PLUMBING
 - 4 NEW ACCESSIBLE LAVATORY IN VANITY WITH HANDS-FREE FAUCET - SEE 2/CR-1 AND PLUMBING
 - 5 NEW WHEELCHAIR ACCESSIBLE WATER COOLER W/ BOTTLE FILLER - SEE DETAIL 3/CR-1
 - 6 NEW WALL-HUNG UTILITY SINK AT EXISTING LOCATION
 - 7 EXISTING HOSE BIB - NO CHANGE
 - 8 EXISTING 3-COMPARTMENT SINK - NO CHANGE
 - 9 EXISTING BAR SINK - RE-INSTALL IN NEW COUNTER
 - 10 EXISTING RESIDENTIAL ELECTRIC RANGE OR MICROWAVE FOR WARMING PRE-PREPARED FOOD
 - 11 EXISTING FIRE EXTINGUISHER LOCATION - SEE DETAIL 2/CR-1
 - 12 EXISTING FIRE ALARM PANEL - NO CHANGE
 - 13 NEW MOTION SENSOR OPERATED ACTUATOR FOR EXISTING AUTOMATIC ENTRY DOOR - NEW RECESSED J-BOX AT INTERIOR
 - 14 NEW ACCESSIBLE CURB CUT AT MAIN ENTRY - SEE DETAIL 3/CR-2
 - 15 EXISTING ACCESSIBLE PARKING STALLS WITH STRIPED AISLE AT DROPPED WALK AND SIGNAGE
 - 16 PROVIDE 24"x48" ADHESIVE-APPLIED, TRUNCATED DOME DETECTABLE WARNING MAT - YELLOW COLOR
 - 17 PROVIDE EXTENDED, WIDENED AND/OR SLOPED WALKS AS NEEDED TO PROVIDE REQUIRED ACCESSIBLE ROUTE
 - 18 REPLACE EXISTING COUNTER SURFACES WITH NEW SOLID SURFACE MATERIAL
 - 19 REPLACE EXISTING MICROWAVE SHELF WITH NEW SOLID SURFACE MATERIAL AND METAL BRACKETS
 - 20 NEW 24" DEEP SOLID SURFACE COMPUTER COUNTER WITH (6) GROMMETS AND METAL BRACKETS AT 30" A.F.F. - SIMILAR TO VANITY DETAIL 4/CR-1 W/ NO FRONT VALANCE, BACKSPLASH OR SIDE SPLASH
 - 21 NEW FURNACE/AIR-HANDLER UNIT - SEE MECH'L.
 - 22 NEW HVAC CONDENSING UNIT - SEE MECH'L.
 - 23 EXISTING HOT WATER HEATER TO REMAIN
 - 24 EXISTING ELECTRICAL PANEL LOCATION (MDP OR SUBPANEL) - SEE ELECTRICAL
 - 25 MOUNT NEW GRAB BARS AT ACCESSIBLE TOILET PER 2/CR-1 - PROVIDE 2X6 BLOCKING IN WALL AS REQUIRED
 - 26 LINE OF ROOF EDGE OR CANOPY ABOVE
 - 27 LINE OF EXISTING ACCORDION PARTITION IN CEILING ABOVE.

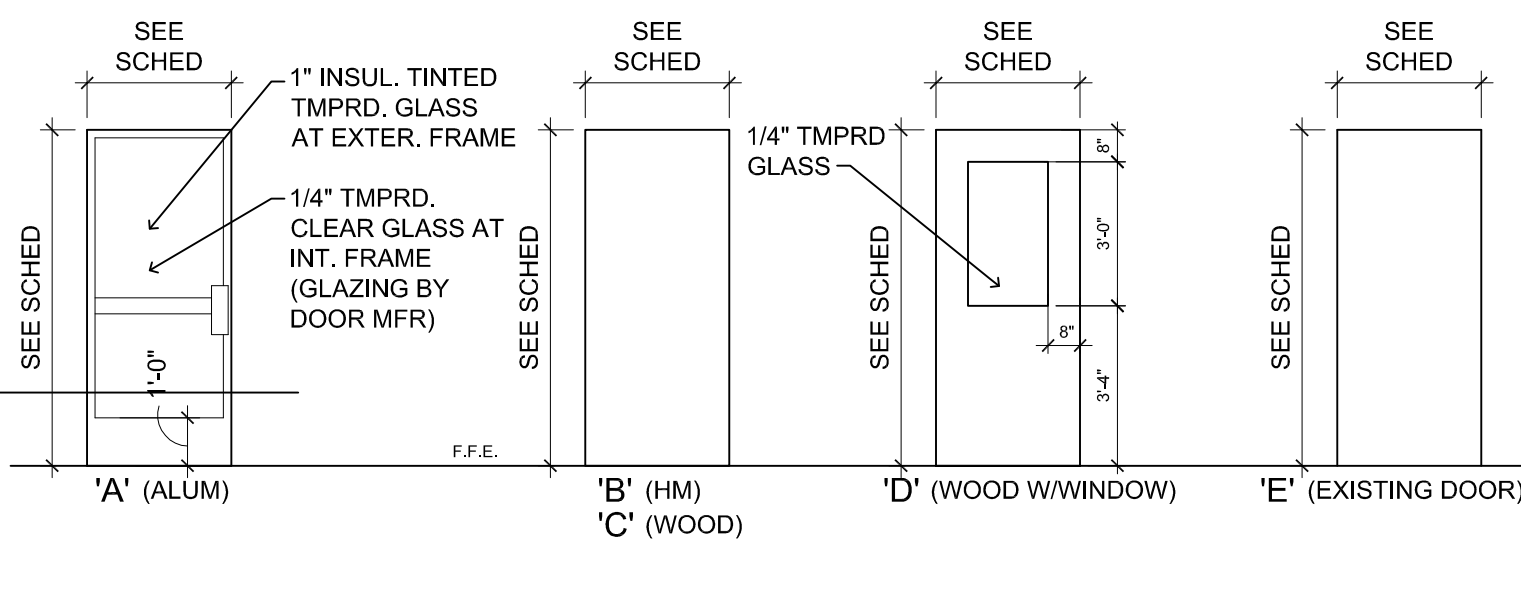


DOOR & FRAME SCHEDULE

| DOOR # | | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112A | 112B | 113 | 114A | 114B | 115 | 116 | 117A | 117B | 118 | 119 |
|------------------------------------|------------------------------|--------------------|-----|-----|------|-----|--------------------|-----|------|-----|-----|-----|-----|--------------------|------|--------------------|------|------|------|------|------|------|-----|-----|
| DOOR/ LIGHT SIZE & TYPE | EXIST 3'-8" X 6'-8" X 1 3/4" | A | | | | | | | | | | | | | | | | | | | | | | |
| | 3'-0" X 6'-8" X 1 3/4" | E | E | E | D | D | E | E | E | | E | E | B | E | E | B | E | E | E | B | E | E | | |
| | PAIR 2'-8" X 6'-8" X 1 3/4" | | | | | | | | | | CC | | | | | | | | | | | | CC | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| FRAME TYPE | | 1 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 2 | 3 | 4 | 2 | 3 | 4 | 4 | 3 | 4 | 4 | 4 |
| NOTES | UNDERCUT DOOR 3/4" | | | | | | | | | | | ● | ● | | | | | | | | | | | |
| | 20 MINUTE RATED | | ● | ● | | ● | ● | | | ● | | ● | ● | | ● | | ● | | | | | | | |
| DETAILS (S)=SIM (E)=EXIST | HEAD | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | $\frac{3}{A-1}$ | (E) | $\frac{3}{A-1}$ | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) |
| | JAMB | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | $\frac{3(S)}{A-1}$ | (E) | $\frac{3(S)}{A-1}$ | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) |
| | THRESHOLD/SILL | $\frac{2(S)}{A-1}$ | | | | | $\frac{2(S)}{A-1}$ | | | | | | | $\frac{2(S)}{A-1}$ | | $\frac{2(S)}{A-1}$ | | | | | | | | |
| HARDWARE GROUP (SEE SPECIFICATION) | | 1.0 | 9.0 | 9.0 | 10.0 | 4.0 | 5.0 | 3.0 | 10.0 | 9.0 | 7.0 | 8.0 | 8.0 | 2.0 | 6.0 | 9.0 | 2.0 | 6.0 | 10.0 | 10.0 | 3.0 | 9.0 | 9.0 | 7.0 |

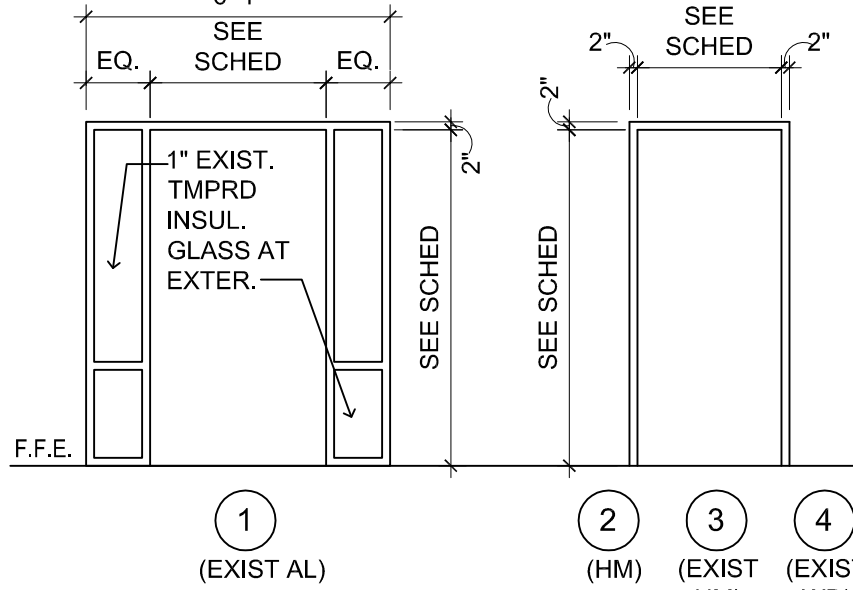
DOOR TYPES:

NOTE: PROVIDE TEMPERED GLASS AS REQUIRED BY CODE.



DOOR FRAME TYPES:

NOTE: PROVIDE TEMPERED GLASS AS REQUIRED BY CODE.



CEILING/LIGHTING SYMBOL LEGEND

- ALL LIGHTING FIXTURES TO BE SELECTED BY ELECTRICAL ENGINEER
(SHOWN FOR REFERENCE ONLY) - SEE ELECTRICAL
- 2X4 LAY-IN LED LIGHT FIXTURE IN SUSPENDED CEILING GRID - SEE ELECTRICAL
 - RECESSED LED CAN LIGHT - SEE ELECTRICAL
 - SURFACE-MOUNTED LED LIGHT - SEE ELECTRICAL
 - WALL-MOUNTED LED WALL PACK LIGHT - SEE ELECTRICAL
 - 4-FOOT STRIP LED LIGHT - SEE ELECTRICAL
 - LED EMERGENCY LIGHT - SEE ELECTRICAL
 - LED EXIT LIGHT - SEE ELECTRICAL
 - LED EXIT/EMERGENCY LIGHT - SEE ELECTRICAL
 - EXTERIOR EMERGENCY LIGHT - SEE ELECTRICAL
 - CEILING TYPE (SEE LIST BELOW)
 - CEILING HEIGHT (NOT SHOWN ON ROOM FINISH SCHEDULE) 9'-0"
 - HVAC SUPPLY/RETURN/AIR HANDLER LOCATIONS - SEE HVAC DRAWINGS FOR FINAL LOCATIONS AND SIZE

CEILING TYPES:

- (A) ACOUSTIC OR VINYL-FACED LAY-IN CEILING SYSTEM - SEE ROOM FINISH SCHEDULE
- (B) GYPSUM BOARD - PAINTED
- (C) VINYL SOFFIT, TYP. AT EXTERIOR
- (E) EXISTING MATERIAL/SUBSTRATE TO REMAIN

CEILING NOTES:

- 1 ATTIC ACCESS PANEL ABOVE LAY-IN CEILING, MARK LOCATION IN CEILING BELOW - SEE DETAIL 3/A-2
- 2 EXISTING ACCORDION PARTITION TRACK
- 3 REMOVE EXISTING SUSPENDED AND/OR GYPSUM BOARD CEILING AS REQUIRED FOR NEW HVAC WORK THIS AREA

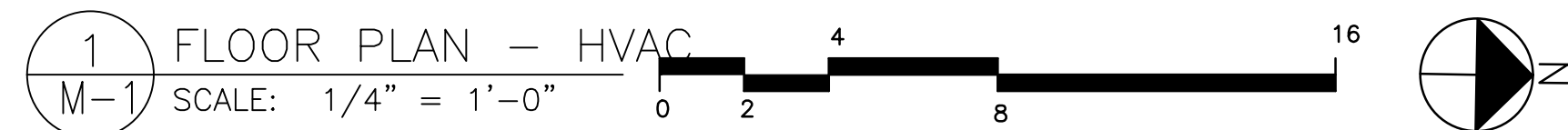
ROOM FINISH SCHEDULE

REFER TO PLANS, SECTIONS AND DETAILS FOR EXTENT OF FINISHES

| RM # | ROOM NAME | FLOOR | | BASE | | NORTH WALL | | EAST WALL | | SOUTH WALL | | WEST WALL | | CEILING | | REMARKS |
|---|-----------|---------------|------|-----------------------------|------|------------|------|----------------------------|------|------------|------|-----------|-------|---------|--------|------------|
| | | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | MAT. | HGT. | |
| 100 | ENTRY | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | ACPA | 8'-6" | 6, 7 |
| 101 | STORAGE | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E) ACP | 8'-6" | 1 |
| 102 | OFFICE | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E) ACP | 8'-6" | 1 |
| 103 | CLOSET | CONC. | LVT | RB | N | GB | PTD | GB | PTD | GB | PTD | (E)PTD | 9'-5" | (E)PTD | 9'-5" | |
| 104 | COMPUTER | CONC. | LVT | RB | N | (E)GB | PTD | (E)GB | PTD | (E) | PTD | (E) | PTD | (E) ACP | 8'-6" | 1, 2, 3 |
| 105 | HALLWAY | CONC. | LVT | RB | N | GB | PTD | GB | PTD | GB | PTD | GB | PTD | ACPA | 8'-6" | 6, 7 |
| 106 | LOUNGE | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E) ACP | 8'-6" | 1 |
| 107 | CLOSET | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E)PTD | 9'-8" | 1 |
| 108 | OFFICE | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E) ACP | 8'-6" | 1 |
| 109 | CLOSET | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E)PTD | 9'-8" | |
| 110 | WOMEN | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E)PTD | 8'-6" | 2, 3, 5 |
| 111 | MEN | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E)PTD | 8'-6" | 2, 3, 5 |
| 112 | MEETING | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E) PTD | VARIES | 1 |
| 113 | CLOSET | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E)PTD | 9'-10" | |
| 114 | MEETING | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E) PTD | VARIES | 1 |
| 115 | JANITOR | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E)PTD | 5 | |
| 116 | MECH/ELEC | CONC. | N | (E) | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E)PTD | 10'-0" | |
| 117 | KITCHEN | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E) ACP | 8'-6" | 1, 2, 3, 5 |
| 118 | PANTRY | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E)PTD | 8'-6" | |
| 119 | STORAGE | CONC. | LVT | RB | N | (E) | PTD | (E) | PTD | (E) | PTD | (E) | PTD | (E)PTD | 8'-6" | |
| REMARKS | | ABBREVIATIONS | | | | | | | | | | | | | | |
| 1) REPLACE EXISTING CEILING ONLY AS NECESSARY THIS AREA | | ACPA | | ACOUSTIC CEILING PANEL | | N | | NONE | | | | | | | | |
| 2) PROVIDE BLOCKING FOR ALL WALL-HUNG FIXTURES SUCH AS GRAB BARS, COUNTERTOPS, ETC. PATCH GYP.BD. AS REQUIRED | | ACPB | | VINYL-FACED CEILING PANEL | | PTD | | PAINTED | | | | | | | | |
| 3) NEW COUNTERTOPS THIS AREA | | CT | | CERAMIC TILE | | RB | | RUBBER MILLWORK BASE BOARD | | | | | | | | |
| 4) 4'-0" HIGH FRP WAINSCOT EXTENDING 2'-0" FROM CORNER EACH SIDE OF JANITOR SINK | | CONC | | CONCRETE | | (E) | | SEALED | | | | | | | | |
| 5) EPOXY PAINT AT WALLS | | FRP | | FIBERGLASS REINFORCED PANEL | | SS | | STAINLESS STEEL PANEL | | | | | | | | |
| 6) NEW SUSPENDED ACOUSTIC CEILING GRID AND PANELS THIS AREA | | GB | | GYPSUM BOARD | | STN | | STAINED | | | | | | | | |
| 7) HOLD-DOWN CLIPS AT ACOUSTIC CEILING PANELS THIS AREA | | LVT | | LUXURY VINYL TILE OR PLANK | | STR | | EXPOSED STRUCTURE | | | | | | | | |
| | | | | | | VB | | VINYL BASE | | | | | | | | |
| | | | | | | VCT | | VINYL COMPOSITION TILE | | | | | | | | |



- ① REMOVE EXISTING GAS FIRED FURNACE, COIL, AND AC. TERMINATE GAS, LOW VOLTAGE POWER, AND FLUE FOR RECONNECTION TO NEW.
- ② REMOVE ALL AIR DISTRIBUTION BACK TO UNIT. OPENING IS SHEET-ROCK SHALL REMAIN FOR NEW CONNECTIONS.
- ③ REMOVE EXISTING CEILING EXHAUST FANS. LEAVE DUCTWORK FOR FUTURE CONNECTION.
- ④ EXISTING HIGH AND LOW COMBUSTION AIR LOUVERS SHALL REMAIN.
- ⑤ EXISTING FRESH-AIR LOUVER SHALL REMAIN.
- ⑥ EXISTING WALL HEATERS SHALL REMAIN.
- ⑦ REMOVE EXISTING RETURN GRILLE.



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1-2

| SUPPLY AIR DEVICES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|-----------|--------------|--------|-----------------|-------------|--|--|--|--|------------|-----------|-------|-----|---------|-----|---------|-----|---------|-----|---------|------|---------|------|---------|------|---------|------|------------|-----------|------|------------|--------|------------|---------|------------|---------|-------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|
| MARK | NECK SIZE | CFM RANGE | MAX TOTAL ΔP | MAX NC | TITUS MODEL NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | SERIES | ACCESSORIES | REMARKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S1 — | 4"ø NECK | UP TO 85 | 0.08" | 30 | TMSI | ①② | 12x12 SQUARE CEILING DIFFUSER WITH OPPOSED BLADE DAMPER AND INSULATION BLANKET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5"ø NECK | 86–125 | 0.08" | 30 | TMSI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6"ø NECK | 126–160 | 0.08" | 30 | TMSI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S1 — | 6"ø NECK | 161–180 | 0.08" | 30 | TMSI | ①② | 24x24 SQUARE CEILING DIFFUSER WITH OPPOSED BLADE DAMPER AND INSULATION BLANKET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8"ø NECK | 181–310 | 0.08" | 30 | TMSI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10"ø NECK | 311–440 | 0.08" | 30 | TMSI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12"ø NECK | 441–590 | 0.08" | 30 | TMSI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14"ø NECK | 591–750 | 0.08" | 30 | TMSI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15"ø NECK | 751–825 | 0.08" | 30 | TMSI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RETURN DEVICES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1 — | 6"ø NECK | UP TO 115 | 0.08" | 30 | 8R | | 24x24 PERFORATED FACE RETURN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8"ø NECK | 116–200 | 0.08" | 30 | 8R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10"ø NECK | 201–310 | 0.08" | 30 | 8R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12"ø NECK | 311–450 | 0.08" | 30 | 8R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14"ø NECK | 451–600 | 0.08" | 30 | 8R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15x15 NECK | 601–930 | 0.08" | 30 | 8R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div>X XXX</div><div>—SERVICE AND MARK NUMBER— —CFM (ON PLANS)</div></div> <div><div>S R</div><div>= SUPPLY = RETURN</div></div> <div>ACCESSORIES: ① OBD ② PLASTER FRAME</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES: 1. CEILING DEVICES FURNISHED SHALL BE COMPATIBLE WITH CEILINGS SPECIFIED BY ARCHITECT. 2. UNLESS OTHERWISE NOTED, PROVIDE SOUND ATTENUATING FLEX DUCT AT CONNECTION. 3. PROVIDE SUPPLY AIR CEILING DEVICES WITH 4-WAY THROW PATTERN, UNLESS OTHERWISE INDICATED. 4. RETURN GRILLE SHALL BE NARROW AND CUSTOM FIT IN SHORT DISTANCE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>SUPPLY RUNOUT SIZES (U.N.O.)</div> <table><tr><th>CFM_RANGES</th><th>DUCT_SIZE</th></tr><tr><td>0–100</td><td>6"ø</td></tr><tr><td>101–130</td><td>7"ø</td></tr><tr><td>131–200</td><td>8"ø</td></tr><tr><td>201–260</td><td>9"ø</td></tr><tr><td>261–400</td><td>10"ø</td></tr><tr><td>401–500</td><td>11"ø</td></tr><tr><td>501–620</td><td>12"ø</td></tr><tr><td>621–790</td><td>14"ø</td></tr></table> <div>RETURN RUNOUT SIZES (U.N.O.)</div> <table><tr><th>CFM_RANGES</th><th>DUCT_SIZE</th></tr><tr><td>0–75</td><td>6"ø or 6/8</td></tr><tr><td>76–140</td><td>7"ø or 8/8</td></tr><tr><td>141–190</td><td>8"ø or 8/8</td></tr><tr><td>191–250</td><td>9"ø or 10/8</td></tr><tr><td>251–320</td><td>10"ø or 10/10</td></tr><tr><td>321–420</td><td>11"ø or 12/10</td></tr><tr><td>421–520</td><td>12"ø or 12/12</td></tr><tr><td>521–800</td><td>14"ø or 14/12</td></tr></table> <div>* RUNOUT SIZES TO BE USED ONLY IF NOT NOTED ON PLANS.</div> | | | | | | | | | | | CFM_RANGES | DUCT_SIZE | 0–100 | 6"ø | 101–130 | 7"ø | 131–200 | 8"ø | 201–260 | 9"ø | 261–400 | 10"ø | 401–500 | 11"ø | 501–620 | 12"ø | 621–790 | 14"ø | CFM_RANGES | DUCT_SIZE | 0–75 | 6"ø or 6/8 | 76–140 | 7"ø or 8/8 | 141–190 | 8"ø or 8/8 | 191–250 | 9"ø or 10/8 | 251–320 | 10"ø or 10/10 | 321–420 | 11"ø or 12/10 | 421–520 | 12"ø or 12/12 | 521–800 | 14"ø or 14/12 |
| CFM_RANGES | DUCT_SIZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0–100 | 6"ø | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101–130 | 7"ø | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 131–200 | 8"ø | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 201–260 | 9"ø | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 261–400 | 10"ø | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 401–500 | 11"ø | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 501–620 | 12"ø | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 621–790 | 14"ø | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CFM_RANGES | DUCT_SIZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0–75 | 6"ø or 6/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76–140 | 7"ø or 8/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141–190 | 8"ø or 8/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 191–250 | 9"ø or 10/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 251–320 | 10"ø or 10/10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 321–420 | 11"ø or 12/10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 421–520 | 12"ø or 12/12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 521–800 | 14"ø or 14/12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| SPLIT SYSTEM GAS FIRED HVAC UNIT | | | | | | | | | | | | | | | | | | | |
|----------------------------------|------|---------|--------|--------------|-------|-----------|-----------|------------------|-----------|-----------|----------|-----------|------------------|--------------|--------------|-----|----------|-------------|----------|
| INDOOR UNIT | | | | | | | | | | | | | | OUTDOOR UNIT | | | | ACCESSORIES | |
| MARK | CFM | O.A CFM | FAN HP | COOLING DATA | | | | HEATING IN (MBH) | FLUE TYPE | FLUE SIZE | VOLTAGE | MCA/MOCP | CONDENSATE DRAIN | MARK | DESIGN TEMP. | | VOLTAGE | | MCA/MOCP |
| | | | | EATdb | EATwb | SENS. MBH | TOTAL MBH | | | | | | | | db | wb | | | |
| F-1 | 2000 | 260 | 1 | 80 | 67 | 48 | 60 | 135 | "B" | 4" | 120/1/60 | 12.3 / 20 | 1-1/4" | CU-1 | 95° | 75° | 240/1/60 | 38.4 / 50 | 1-9 |
| F-2 | 2000 | 485 | 1 | 80 | 67 | 48 | 60 | 135 | "B" | 4" | 120/1/60 | 12.3 / 20 | 1-1/4" | CU-2 | 95° | 75° | 240/1/60 | 38.4 / 50 | 1-9 |
| | | | | | | | | | | | | | | | | | | | |

- ACCESSORIES:
1. PROVIDE 5 YEAR COMPRESSOR WARRANTY.
2. PROVIDE ANTI–SHORT CYCLING PROTECTION.
3. PROVIDE CRANKCASE HEATER.
4. PROVIDE HIGH / LOW PRESSURE CUTOUPS.
5. PROVIDE SAFETY DISCONNECTS FOR OUTDOOR UNITS.
6. PROVIDE NEW TYPE 'B' FLUE ROUTED TO EXISTING FLUE. VERIFY SIZES ARE CORRECT.
7. INDOOR UNIT SHALL BE LENNOX MODEL ML180UH, OR EQUAL.
8. OUTDOOR UNIT SHALL BE LENNOX MODEL 14ACX WITH MATCHING COIL, OR EQUAL.
9. HEALTHY CLIMATE UV–2000, 2–LAMP, 120V (10B WATTS), UV LIGHT MOUNTED ON UNIT WITH ACCESSIBILITY. PROVIDE INTERLOCK DOOR SWITCH. MOUNT PER MANUFACTURERS RECOMMENDATIONS.
- NOTES:
1. PROVIDE AUXILIARY DRAIN PAN WITH FLOAT SWITCH FOR AUTOMATIC SHUT–DOWN OF UNIT.
2. PROVIDE FLEXIBLE CONNECTORS BETWEEN AIR HANDLING UNIT AND DUCTWORK.
3. ROUTE 1–1/4" CONDENSATE TO FLOOR DRAIN.
4. RE–USE EXISTING PADS FOR OUTDOOR UNITS. VERIFY SIZES ARE CORRECT.
5. ROUTE REFRIGERANT PIPING FROM OUTDOOR UNIT TO INDOOR UNIT IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

| FAN SCHEDULE | | | | | | | | | | | | | |
|--------------|-----|--------------|------|-------|------------|----------|--------------------|---------|-------------|-----------------|--------------|-----------|-----------------------|
| MARK | CFM | SPWG. INCHES | RPM | SONES | ELECTRICAL | | | SERVICE | ACCESSORIES | GREENHECK MODEL | WEIGHT (LBS) | INTERLOCK | REMARKS |
| | | | | | HP (WATTS) | VOLTAGE | STARTER/DISCONNECT | | | | | | |
| EF–1 | 75 | 0.3" | 1035 | 1.7 | 1/6 | 120/1/60 | MAN | EF | 1 | SP–A170 | 17 | NONE | FAN TO RUN CONTINUOUS |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

- SERVICE:
EF – EXHAUST FAN
- ACCESSORIES:
1. GRAVITY BACK–DRAFT DAMPER
- STARTER/DISCONNECT:
MAN – MANUAL STARTER WITH PILOT LIGHT FOR "RUN" AND HANDLE LOCK–OFF FOR DISCONNECTING MEANS

| OUTSIDE AIR REQUIREMENTS (ASHRAE 62.1-2019) | | | | | | | | | | | |
|---|------------------------|--------------|-----------------|----------------|-----|----------------------------|--------------|--------------|-----|---------|--------------|
| AREA SERVED | AREA CLASSIFICATION | UNIT# SERVED | FLOOR AREA (SF) | OA RATE CFM/SF | CFM | OCCUPANCY PEOPLE / 1000 SF | TOTAL PEOPLE | CFM / PERSON | CFM | EXHAUST | TOTAL OA CFM |
| ENTRY 100 | MAIN ENTRY | F-1 | 180 | 0.06 | 11 | 10 | 2 | 5 | 9 | 0 | 20 |
| STORAGE 101 | STORAGE | F-1 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 |
| OFFICE 102 | OFFICE | F-1 | 65 | 0.06 | 4 | 15 | 1 | 5 | 5 | 0 | 9 |
| COMPUTER 104 | OFFICE | F-1 | 80 | 0.06 | 5 | 15 | 1 | 5 | 6 | 0 | 11 |
| HALLWAY 105 | CORRIDOR | F-1 | 150 | 0.06 | 9 | 10 | 2 | 5 | 8 | 0 | 17 |
| LOUNGE 106 | LOUNGE | F-1 | 185 | 0.18 | 33 | 100 | 19 | 7.5 | 139 | 0 | 172 |
| OFFICE 108 | OFFICE | F-1 | 230 | 0.06 | 14 | 15 | 3 | 5 | 17 | 0 | 31 |
| WOMEN 110 | TOILET | F-1 | 130 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 0 |
| MEN 111 | TOILET | F-1 | 130 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 0 |
| | | | | | | | | | | | 259 |
| MEETING 112 | MULTI-PURPOSE ASSEMBLY | F-2 | 615 | 0.12 | 74 | 20 | 12 | 10 | 123 | 0 | 197 |
| MEETING 114 | MULTI-PURPOSE ASSEMBLY | F-2 | 615 | 0.12 | 74 | 20 | 12 | 10 | 123 | 0 | 197 |
| ENTRY | MAIN ENTRY | F-2 | 200 | 0.06 | 12 | 10 | 2 | 5 | 10 | 0 | 22 |
| CORRIDOR | CORRIDOR | F-2 | 150 | 0.06 | 9 | 10 | 2 | 5 | 8 | 0 | 17 |
| JANITOR 115 | STORAGE | F-2 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 |
| KITCHEN 117 | KITCHEN | F-2 | 175 | 0.12 | 21 | 20 | 4 | 7.5 | 26 | 0 | 47 |
| PANTRY 118 | OCCUPIABLE STORAGE | F-2 | 55 | 0.06 | 3 | 2 | 0 | 5 | 1 | 0 | 4 |
| STORAGE 119 | STORAGE | F-2 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 |
| | | | | | | | | | | | 483 |
| | | | | | | | | | | | |

HARVARD B. JOHNSON, PE
336 Collett Bridge Road
Alvaton, KY 42122
(270) 783–2480

DAVID C. HENNEN
ARCHITECT
343 East Main Street, Lebanon KY 40033
270.634.8153 dchenne@yahoo.com

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF KENTUCKY

NO. 6805
DATE:

DATE: 11/4/2022
DRAWN BY: DTB
CHECKED BY: HBJ
REVISIONS:

PROJECT NUMBER: 2114

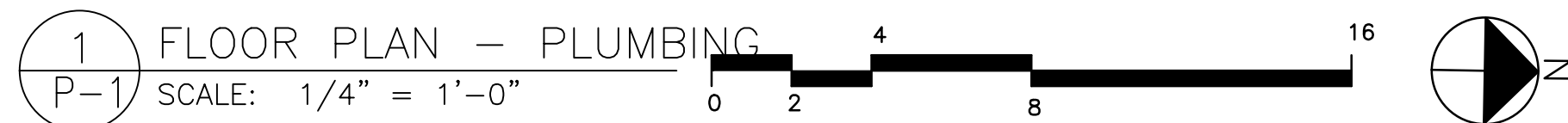
REMODELING FOR:
LARUE COUNTY SENIOR CITIZENS CENTER
112 N. Walters Avenue, Hodgenville, Kentucky 42748

HVAC SCHEDULES

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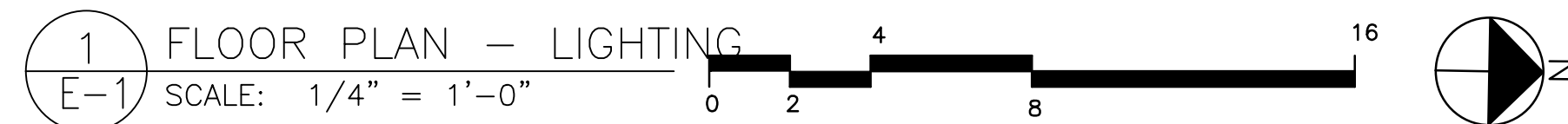


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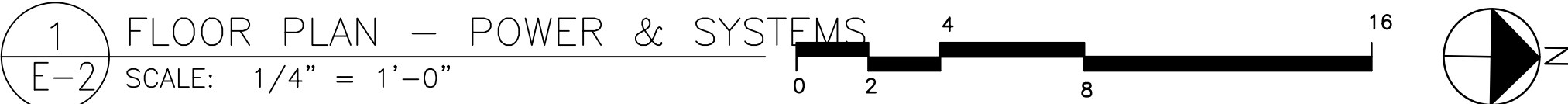
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| | | | | | | | | | | | |
|-----------------------|---|---|----------------|---|------------|--|--|--|--|--|--|
| PLUMBING SCHEDULES | REMODELING FOR: LARUE COUNTY SENIOR CITIZENS CENTER 112 N. Walters Avenue, Hodgenville, Kentucky 42748 |  | DATE: NO. 6695 | I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPER- VISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF KENTUCKY | | | | | | | |
| | | | | | | | | | | | |
| PROJECT NUMBER: 2114 | | DATE: 11/4/2022 | DRAWN BY: DTB | CHECKED BY: HBJ | REVISIONS: | | | | | | |
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

- ① EXISTING RECEPTACLE TO REMAIN.
- ② N = NEW RECEPTACLE.
- ③ GE SERIES A 120/240V, 1-PHASE, 400A MBR.
- ④ GE SERIES A 120/240, 1-PHASE 125A MLO 30 CKT.
- ⑤ PROVIDE BLANK-OFF PLATES IN EXISTING PANELS AS REQUIRED.
- ⑥ PROVIDE NEW BREAKERS AS REQUIRED, TO MATCH EXISTING.
- ⑦ ▼ EXISTING PHONE/ DATA OUTLET, PROVIDE PATHWAY TO TTB.
- ⑧ ▼ N NEW PHONE / DATA OUTLET, PROVIDE PATHWAY TO TTB.
- ⑨ CONNECT TO PANEL B, CIRCUIT B-1.
- ⑩ CONNECT NEW AUTOMATIC DOOR OPERATORS TO NEW DOOR HARDWARE, CONNECT NEW DOOR HARDWARE AS REQUIRED.
- ⑪ DISCONNECT EXISTING FURNACE AND RE-CONNECT NEW UNIT. COORDINATE WITH MECHANICAL.
- ⑫ CONNECT NEW UV HVAC EQUIPMENT THROUGH S_m FOR EACH FURNACE RESPECTIVELY, 120V, 10BW. COORDINATE WITH MECHANICAL.
- ⑬ REMOVE EXISTING CU CIRCUIT AND DISCONNECT SWITCH, PROVIDE AND INSTALL NEW SDA/2P BREAKER IN SAME SPACE IN MDP. PROVIDE NEW CONDUCTORS AND DISCONNECT FOR NEW CU, SAME LOCATION.
- ⑭ DISCONNECT EXISTING EXHAUST FAN AND RE-CONNECT NEW FAN. COORDINATE WITH MECHANICAL.
- ⑮ CONNECT NEW EXHAUST TO EXISTING FAN CIRCUIT.

SHEET

E-2




































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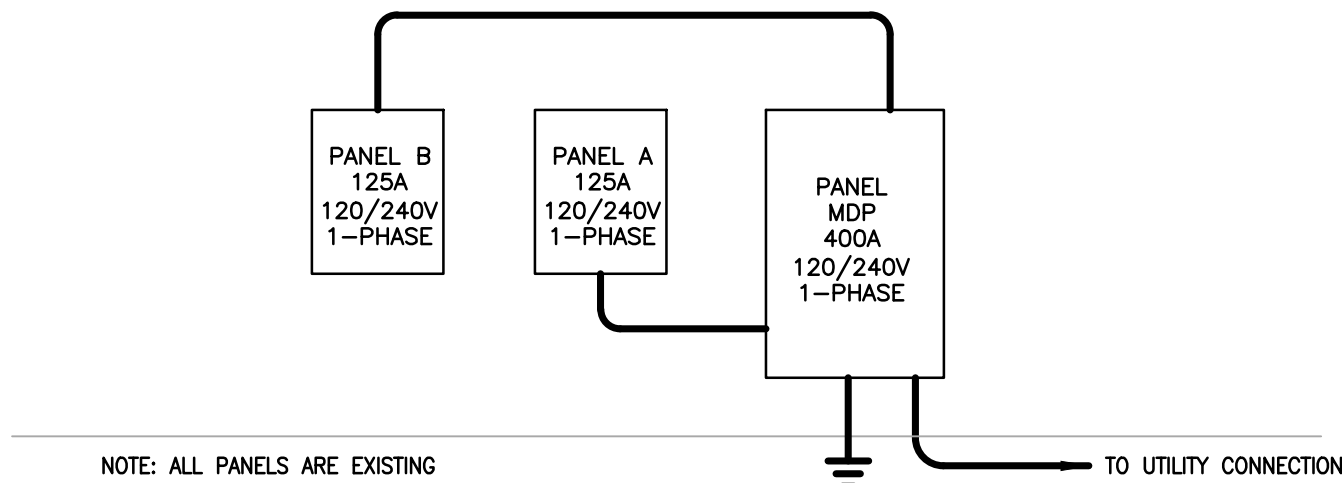
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Alvaton, KY 42122
(270) 783-2480

| FEEDER SCHEDULE - COPPER | | | | | |
|--|----------------------------|-----------------------------|---------------------|---------------------|---------------------|
| FEEDER # | PHASE & NEUTRAL CONDUCTORS | GND CONDUCTOR (PER CONDUIT) | 2-WIRE CONDUIT SIZE | 3-WIRE CONDUIT SIZE | 4-WIRE CONDUIT SIZE |
| (20) | 12 | 12 | 1/2" | 1/2" | 1/2" |
| (25) | 10 | 10 | 1/2" | 3/4" | 3/4" |
| (30) | 10 | 10 | 1/2" | 3/4" | 3/4" |
| (35) | 8 | 10 | 3/4" | 3/4" | 1" |
| (40) | 8 | 10 | 3/4" | 3/4" | 1" |
| (45) | 8 | 10 | 3/4" | 3/4" | 1" |
| (50) | 8 | 10 | 3/4" | 3/4" | 1" |
| (60) | 6 | 10 | 3/4" | 1" | 1-1/4" |
| (70) | 4 | 8 | 1" | 1-1/4" | 1-1/4" |
| (80) | 4 | 8 | 1" | 1-1/4" | 1-1/4" |
| (90) | 4 | 8 | 1" | 1-1/4" | 1-1/4" |
| (100) | 3 | 8 | 1" | 1-1/4" | 1-1/4" |
| (110) | 2 | 6 | 1" | 1-1/4" | 1-1/2" |
| (125) | 1 | 6 | 1-1/4" | 1-1/2" | 2" |
| (150) | 1/0 | 6 | 1-1/4" | 1-1/2" | 2" |
| (175) | 2/0 | 6 | 1-1/4" | 2" | 2" |
| (200) | 3/0 | 6 | 1-1/2" | 2" | 2-1/2" |
| (225) | 4/0 | 4 | 1-1/2" | 2" | 2-1/2" |
| (250) | 250 | 4 | 2" | 2-1/2" | 3" |
| (300) | 350 | 4 | 2" | 3" | 3" |
| (350) | 500 | 3 | — | 3" | 3-1/2" |
| (400) | 500 | 3 | — | 3" | 3-1/2" |
| (450) | (2) 4/0 | 2 | — | (2) 2" | (2) 2-1/2" |
| (500) | 2-250 | 2 | — | (2) 2-1/2" | (2) 3" |
| (600) | 2-350 | 1 | — | (2) 3" | (2) 3" |
| (700) | 2-500 | 1/0 | — | (2) 3-1/2" | (2) 3-1/2" |
| (800) | 2-500 | 1/0 | — | (2) 3-1/2" | (2) 3-1/2" |
| (1000) | 3-500 | 2/0 | — | (3) 3-1/2" | (3) 3-1/2" |
| (1200) | 3-600 | 3/0 | — | (3) 3-1/2" | (3) 4" |
| NOTES: 1. 3 PHASE, 3 WIRE FEEDERS (WITHOUT A NEUTRAL) ARE DESIGNATED THUS:  2. 3 PHASE, 4 WIRE FEEDERS (WITH A NEUTRAL) ARE DESIGNATED THUS:  3. SINGLE PHASE, 2 WIRE FEEDERS (WITHOUT A NEUTRAL) ARE DESIGNATED THUS:  4. SINGLE PHASE, 3 WIRE FEEDERS (WITH A NEUTRAL) ARE DESIGNATED THUS:  | | | | | |

| LIGHT FIXTURE SCHEDULE | | | | |
|------------------------|---|-------------|----------|-------------------|
| TYPE | MANUFACTURER & CATALOG NO. | LAMPS | MOUNTING | REMARKS |
| A | LITHONIA CPX-2X4-AL08-SWW7-4000K | 40W LED | LAY-IN | LAY-IN |
| B | LITHONIA MBR6-30LM-WR-TRW-MWD-MVOLT-D10-JOT | 25W LED | RECESSED | CAN |
| B1 | LITHONIA MBR6-20LM-WR-TRW-MWD-MVOLT-D10-JOT | 35W LED | RECESSED | CAN |
| C | JUNO JSF-13IN-18LM-40K-90CRI-MVOLT-ZT-WH | 25W LED | SURFACE | |
| C1 | LITHONIA BLWP4-30L-ADSM-LP840 | 25W LED | SURFACE | STRIP |
| D | LITHONIA BLWP4-30L-ADSM-LP840-RES7PDT | 25W LED | SURFACE | STRIP |
| F | LITHONIA BLWP4-20L-ADSM-LP840-RES7PDT | 16W LED | SURFACE | STRIP |
| G | LITHONIA LHQM-LED-R-HO | 6W LED | WALL | EXIT W/ BATT |
| G1 | LITHONIA LHQM-LED-R-HO-RD | 6W LED | WALL | EXIT W/ BATT |
| H | LITHONIA ELM2L | 4W LED | WALL | EM W/ BATT |
| K | LITHONIA ELMRW-LP-220L-DDBTXD-T | 2W LED | WALL | REMOTE EM |
| L | LITHONIA TWX1-LED-ALO-40K-PE | 50W LED | WALL | PE CELL WALL PACK |
| M | EXTERIOR WALL SCONCE SELECTED BY ARCHITECT | 40W LED MAX | WALL | |

| LIGHT SWITCH FIXTURE SCHEDULE | |
|-------------------------------|----------------------------|
| TYPE | MANUFACTURER & CATALOG NO. |
| S | LITHONIA WSX-PDT-D-WH |
| Sb | LITHONIA SPODMRA-JOT-DX-WH |
| Sc | LITHONIA RPDOLA-DX-WH |

| ELECTRICAL LEGEND (ALL SYMBOLS MAY NOT BE APPLICABLE TO THIS PROJECT) | | | ELECTRICAL LEGEND (ALL SYMBOLS MAY NOT BE APPLICABLE TO THIS PROJECT) | | |
|---|--|------------------------|--|--|------------------------|
| SYMBOL | DESCRIPTION | MTG. HT. TO CENTERLINE | SYMBOL | DESCRIPTION | MTG. HT. TO CENTERLINE |
| LIGHTING FIXTURES & DEVICES | | | CONDUIT | | |
| "A" | LIGHT FIXTURE TYPE DESIGNATION- SEE LIGHTING FIXTURE SCHEDULE FOR MOUNTING AND LAMP TYPE. | AS NOTED |  | CONDUIT CONCEALED ABOVE CLG. OR IN WALL | AS NOTED |
|  | INCANDESCENT, FLUORESCENT OR H.I.D. FIXTURE. ON NORMAL BRANCH CIRCUIT. | |  | CONDUIT CONCEALED IN OR BELOW FLOOR SLAB (WHERE USED OUTSIDE=UNDERGROUND) | |
|  | WALL MOUNTED (INCANDESCENT, FLUORESCENT, OR H.I.D.) FIXTURE ON NORMAL BRANCH CIRCUIT. | |  | HOMERUN TO PANELBOARD INDICATES (MIN.2 #12, 12G IN 3/4 "C. ADD NO. OF PHASE CONDUCTORS TO MATCH NO. OF ARROWHEADS. | |
|  | EXIT SIGN WITH BATTERY PACK, DUAL EM HEAD. PROVIDE ARROWS AS INDICATED. | | NOTE: FOR ALL CONDUITS, REFER TO PLANS. REFER TO VENDOR DRAWINGS FOR CONDUIT AND WIRING REQUIREMENTS FOR LOW VOLTAGE SYSTEMS AND CONTROL WIRING. | | |
|  | DOUBLE HEAD EMERGENCY EGRESS FIXTURE WITH BUILT IN BATTERY PACK. | | | | |
|  | DUAL REMOTE EMERGENCY HEAD | | | DISTRIBUTION EQUIPMENT | |
|  | SINGLE-POLE SWITCH (K=KEY OPERATED, P= WITH PILOT LIGHT, & WP=NEMA 3R WEATHER-PROOF DEVICE) | 48" A.F.F. |  | NON-FUSIBLE SAFETY SWITCH SIZE & TYPE AS NOTED (VOLTS/POLES/AMPS/ENCLOSURE). NEMA 1. IF NOT NOTED RT=NEMA 3R) | AS NOTED |
|  | OCCUPANCY SENSOR | 48" A.F.F. |  | FUSIBLE SAFETY SWITCH SIZE & TYPE AS NOTED (VOLTS/POLES/AMPS/FUSE/ENCLOSURE). NEMA 1 IF NOT NOTED RT=NEMA 3R) | AS NOTED |
|  | THREE-WAY SWITCH (SEE TYPE ABBREVIATIONS) | 48" A.F.F. |  | LIGHTING PANELBOARD-SURFACE MOUNTED | AS NOTED |
|  | FOUR-WAY SWITCH (SEE TYPE ABBREVIATIONS) | 48" A.F.F. |  | LIGHTING CONTACTOR | |
|  | PHOTO ELECTRIC CELL | | ABBREVIATIONS | | |
| TELEPHONE/DATA SYSTEM | | | | | |
|  | TELEPHONE/DATA OUTLET (W=WALL MOUNTED AT +46", WITH MIN. 3/4 " EMPTY CONDUIT, WITH PULL WIRE, EXTENDING TO ACCESSIBLE SPACE FROM OUTLET BOX. | 18" A.F.F. | ABC | ABOVE COUNTER | |
|  | TELEPHONE/DATA OUTLET AT SPECIAL MTG. HEIGHT (HT= TELEPHONE FOR HANDICAPED USE, MOUNT 46" AFF) WITH MIN. 3/4 " EMPTY CONDUIT, WITH PULL WIRE, EXTENDING TO ACCESSIBLE CEILING SPACE FROM OUTLET BOX. | 54" A.F.F. (U.O.N.) | A/C | AIR CONDITIONER | |
|  | TELEPHONE/DATA FLOOR BOX | | ADA | AMERICANS WITH DISABILITIES ACT | |
|  | TELEPHONE TERMINAL BOARD | | AFF | ABOVE FINISHED FLOOR | |
| MECHANICAL EQUIPMENT | | | AFG | ABOVE FINISHED GRADE | |
|  | MOTOR (HORSEPOWER AS NOTED) | | AHU | AIR HANDLING UNIT | |
|  | FRACTIONAL HORSEPOWER | | B | BLANK OFF DEVICE. PROVIDE 3/4 " CONDUIT MINIMUM TO ABOVE ACCESSIBLE CEILING AND BUSH. PROVIDE NYLON PULL STRING. | |
|  | EXHAUST FAN | | C | CONDUIT | |
| WIRING DEVICES | | | CL | CENTERLINE | |
|  | 120 VOLT DUPLEX RECEPTACLE. 20 AMPS U.O.N. (WP = NEMA 3R, ST = SAFETY TYPE) (GFI = GROUND FAULT INTERRUPTER) | 18" A.F.F. | CU | CONDENSING UNIT | |
|  | 120 VOLT DUPLEX RECEPTACLE AT SPECIAL MTG. HEIGHT (SEE TYPE ABBREVIATIONS ABOVE.) | 54" A.F.F (U.O.N.) | CVU | FAN POWERED HVAC TERMINAL UNIT | |
|  | 120 VOLT QUADRAPLEX RECEPTACLE (SEE TYPE ABBREVIATIONS ABOVE.) | 18" A.F.F | EF | EXHAUST FAN | |
|  | 120 VOLT QUADRAPLEX RECEPTACLE AT SPECIAL MTG. HEIGHT. (SEE ABBREVIATIONS ABOVE.) | 44" A.F.F (U.O.N.) | EH | ELECTRIC HEATER | |
|  | SINGLE RECEPTACLE. VOLTS, PHASE AND AMPS AS NOTED, NEMA CONFIGURATION AS REQUIRED BY EQUIPMENT. | 18" A.F.F (U.O.N.) | EWB | ELECTRIC WATER HEATER | |
|  | JUNCTION BOX | AS NOTED | EWC | ELECTRIC WATER COOLER | |
|  | MANUAL MOTOR STARTING SWITCH (WP=NEMA 3R WEATHERPROOF, T=THERMAL TYPE) | 46" A.F.F. (U.O.N.) | F | FURNACE | |
|  | 120 VOLT DUPLEX FLOOR BOX | | GFI | GROUND FAULT INTERRUPTER | |
| | | | GND | GROUND | |
| | | | IM | ICE MAKER | |
| | | | MTD | MOUNTED | |
| | | | OC | ON CENTER | |
| | | | OFCl | OTHERS FURNISHED CONTRACTOR INSTALLED | |
| | | | RTU | ROOFTOP UNIT | |
| | | | TTB | TELEPHONE TERMINAL BOARD | |
| | | | UON | UNLESS OTHERWISE NOTED | |
| | | | WP | WEATHERPROOF (NEMA 3R) | |
| | | | MARK STANDARDS | | |
| | | |  | SECTION MARK | |
| | | |  | DETAIL MARK | |
| | | |  | CONSTRUCTION NOTE | |



SINGLE LINE DIAGRAM
N.T.S.

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11/4/2022

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF KENTUCKY

NO. 6805
DATE:

DATE: 11/4/2022
DRAWN BY: DTB
CHECKED BY: HBJ
REVISIONS:

PROJECT NUMBER: 2114

REMODELING FOR:
**LARUE COUNTY SENIOR
CITIZENS CENTER**
112 N. Walters Avenue, Hodgenville, Kentucky 42748

ELECTRICAL
SCHEDULES AND
LEGEND

SHEET
E-3
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PART 1 GENERAL

- ## PART 2 PRODUCTS

- ## 2. WIRE AND CABLE

- A. PROVIDE A COMPLETE SYSTEM OF CONDUCTORS FOR LIGHTING AND POWER SYSTEMS THROUGHOUT THE PROJECT.
- B. ALL CONDUCTORS SHALL BE 98 PERCENT CONDUCTIVITY COPPER WITH 600 VOLT MINIMUM INSULATION. 75 DEGREE C INSULATION MINIMUM.
- C. ALL CONDUCTORS NO. 8 AND SMALLER SHALL HAVE TYPE THHN OR THWN INSULATION AND SHALL BE SOLID UNLESS NOTED OTHERWISE ON PLANS.
- D. ALL CONDUCTORS NO. 6 AND LARGER SHALL HAVE TYPE THHN OR THWN INSULATION AND SHALL BE STRANDED UNLESS NOTED OTHERWISE ON PLANS.
- E. CONDUCTORS SHALL BE AS MANUFACTURED BY ANACONDA, GENERAL CABLE, HABIRSHAW, OKONITE, ROME, TRIANGLE OR SOUTHWIRE UNLESS NOTED OTHERWISE.
- F. MAKE ALL SPLICES OR CONNECTIONS ONLY AT OUTLET OR JUNCTION BOXES.
- G. USE ONLY APPROVED (SOAPSTONE) OR OTHER LUBRICANT WHERE REQUIRED.
- H. USE APPROVED SCOTCHLOCK OR T&B CONNECTORS FOR INTENDED APPLICATION WHERE SCOTCHLOCK ARE REQUIRED.
- I. CONDUCTORS ARE TO BE COLOR CODED WITH A DIFFERENT COLOR FOR EACH PHASE NEUTRAL, AND GROUND AS FOLLOWS:
120/240V CIRCUITS: PHASE A AND B, BLACK AND RED RESPECTIVELY. NEUTRAL, WHITE. GROUND, GREEN.

3. OUTLET AND JUNCTION BOXES

- D. SWITCHES (LEVITON NO. U

6. SAFETY SWITCHES
- A. PROVIDE SUBMITTALS

- B. SAFETY SWITCHES SHALL BE AS MANUFACTURED BY SQUARE D, SIEMENS, GENERAL ELECTRIC, CUTLER-HAMMER OR APPROVED EQUAL.
- C. SAFETY SWITCHES SHALL BE OF THE HEAVY DUTY TYPE WITH ALL SHEET METAL AND GROUND LUG AND SHALL BE RATED FOR THE VOLTAGE OF THE SYSTEM TO WHICH IT IS BEING USED.
- D. PROVIDE NEMA 1 ENCLOSURES FOR INTERIOR APPLICATIONS AND NEMA 3R FOR EXTERIOR APPLICATIONS OR IN WET LOCATIONS.
- E. FUSES FOR SAFETY SWITCHES SHALL BE AS MANUFACTURED BY BUSSMAN OR LITTELFUSE AND SHALL BE DUAL ELEMENT FUSETRONS FOR MOTORS AND "LOW PEAK" FOR OTHER LOADS.
7. SERVICE ENTRANCE AND GROUNDING

- A. ALL CURRENT CONSUMING DEVICES SHALL HAVE A GROUND WIRE INSTALLED IN THE SAME CONDUIT AS THE PHASE CONDUCTORS FROM THE PANEL TO THE DEVICE. THIS APPLIES TO RECEPTACLES, MOTORS, ETC.
- B. SERVICE ENTRANCE RACEWAYS, CONDUCTORS, TRENCHING, RACEFILL, ETC., SHALL BE INSTALLED AS INDICATED ON DRAWINGS AND PER NEC AND LOCAL CODE REQUIREMENTS INCLUDING LOCAL UTILITY COMPANY INSTALLATION SPECIFICATIONS.
- C. ALL GROUND WIRE SHALL BE COPPER WITH A GREEN INSULATION OR IF A GREEN INSULATION IS NOT AVAILABLE, THEN GREEN IDENTIFYING TAPE WILL BE INSTALLED AT BOTH TERMINATION POINTS.
- D. ALL MATERIALS SHALL BE AS SPECIFIED ON DRAWINGS OR AS SPECIFIED BY LOCAL UTILITY COMPANY FOR SERVICE EQUIPMENT INSTALLATIONS.
- E. PROVIDE GROUND WIRES THROUGHOUT DISTRIBUTION SYSTEM AND TO ALL UTILIZATION EQUIPMENT, SUCH AS RECEPTACLES, MOTORS, AND OTHER REQUIREMENT LOCATIONS PER NATIONAL ELECTRICAL CODE ARTICLE 250.
- F. PROVIDE SERVICE INSTALLATION PER DRAWINGS. CONTRACTOR SHALL FIELD COORDINATE EXACT LOCATION AND POINT OF SERVICE INSTALLATION WITH UTILITY COMPANY INCLUDING PROVIDING FINAL BENCHMARKED LIST OF COORDINATES FOR UTILITY COMPANY USE IN DETERMINING SERVICE EQUIPMENT SIZES AND TYPES.

8. LIGHTING FIXTURES

- A. PROVIDE SUBMITTALS
- B. PROVIDE LIGHTING FIXTURES AS INDICATED ON LIGHTING FIXTURE SCHEDULE ON DRAWINGS. EQUAL TO BE BY LITHONIA, BENJAMIN-DAY/BRITE, HUBBELL, METALUX OR LIGHTOLIER.
- C. FLUORESCENT BALLASTS SHALL BE ELECTRONIC AS MANUFACTURED BY ADVANCE, MOTOROLA OR MAGNETEC.
- D. FLUORESCENT LAMPS SHALL BE RAPID START COOL WHITE UNLESS NOTED OTHERWISE.
- E. LED FIXTURES SHALL BE 4000K MINIMUM.
- F. HID LAMPS SHALL BE RATED AT VOLTAGE INDICATED ON DRAWINGS.
- H. FIXTURES SHALL BE FURNISHED WITH REGULATING, HPF BALLASTS AND WHERE RECESSED, SHALL HAVE INTEGRAL THERMAL PROTECTION.
- G. LAMPS SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, SYLVANIA, OR PHILIPS.
- H. TIME SWITCHES OR PHOTOCELLS SHALL BE TORK, INTERMATIC OR OTHER TYPES SHOWN ON DRAWINGS.
- I. JOINTS AND CIRCULAR WIRING SHALL BE MADE USING WIRE NUTS, PREINSULATED SCOTCH LOCKS OR OTHER APPROVED MECHANICAL MEANS OF CONNECTION.
- J. COORDINATE FIXTURE LOCATIONS TO CLEAR DIFFUSERS, DUCTWORK, PIPING, ETC.
- K. COORDINATE FIXTURE TYPES WITH CEILING TYPES BEING INSTALLED.
- L. ADJUST FIXTURES TO LIGHT INTENDED AREA WHERE ADJUSTABLE.
9. TELEPHONE/DATA RACEWAY SYSTEM

- A. PROVIDE CONDUIT STUB UP AS INDICATED ON THE DRAWINGS AT EACH DEVICE.
- B. TERMINATE CONDUITS ABOVE DROPPED CEILING USING NYLON INSULATED BUSHINGS.
- C. OUTLET BOXES SHALL BE 4 1/2" SQUARE BOXES WITH PLASTER RING AND COVER AS REQUIRED BY TELEPHONE VENDOR.

- D. PROVIDE SERVICE CONDUITS, OUTLET CONDUITS, BACK BOXES, COVER PLATES, JUNCTION BOXES, AND TERMINAL BOARDS OR CABINETS AS REQUIRED BY DRAWINGS AND TELEPHONE/ DATA VENDOR.
- E. LEAVE NYLON PULLSTRING IN ALL EMPTY CONDUITS.
- F. PROVIDE METALLIC CONDUIT SLEEVES WHEREVER CABLES PASS THROUGH FIRE OR SMOKE RATED WALL ASSEMBLIES.
- G. OWNER VENDOR TO PROVIDE CABLE, PULL CABLE AND MAKE TERMINATIONS.
- H. SERVICE ENTRANCE CONDUITS AND FIREPROOF $4 \times 4 \times 3/4"$ TERMINAL BOXES SHALL BE FURNISHED AS SHOWN ON DRAWINGS. CONTRACTOR SHALL FIELD COORDINATE ACTUAL LOCATION OF TERMINATION WITH LOCAL UTILITY PRIOR TO GROUND-IN. GROUND WITH BARE #6 AWG THROUGH GROUND BUSHINGS.

PART 3 EXECUTION

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEFECTS, REPAIRS, MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER FINAL PAYMENT IS APPROVED. CONTRACTOR SHALL HONOR FACTORY WARRANTIES ON ALL EQUIPMENT PROVIDED.
2. UPON COMPLETION OF PROJECT, ALL EQUIPMENT AND MATERIALS SHALL BE CLEANED TO A CLEAN CONDITION, WITH DAMAGE RESTORED TO ACCEPTABLE CONDITION, ALL EQUIPMENT SHALL BE INSPECTED AND THOROUGHLY CLEANED, READY FOR USE, AT COMPLETIONS OF JOB, ALL MISCELLANEOUS TOOLS , SCAFFOLDING, SURPLUS MATERIALS, RUBBISH AND DEBRIS SHALL BE REMOVED BY CONTRACTOR
3. WHERE CONDUITS ARE TO PASS THROUGH WALLS, FLOORS, ETC. SLEEVES SHALL BE PROVIDED PRIOR TO WALL CONSTRUCTION. SLEEVES SHALL BE OF RIGID METAL. WHERE SLEEVES PENETRATE EXTERIOR SURFACES, VOIDS SHALL BE SEALED WATER TIGHT. WHERE SLEEVES PASS THROUGH RATED PARTITIONS, SLEEVE PACKING SHALL BE OF U.L. LISTED FIRE SAFE TYPE.
4. CONTRACTOR SHALL SUBMIT THREE SETS (3) OF INSTRUCTION BOOKS, INCLUDING INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS, PAMPHLETS OR PROCEDURES AND ALL EQUIPMENT WARRANTIES OBTAINED FROM EACH MANUFACTURER OF EQUIPMENT.
5. CONTRACTOR SHALL MAINTAIN ONE SET OF BLUE LINES AT THE CONSTRUCTION SITE. THESE BLUE LINES SHALL BE MARKED FOR CHANGES AND SHALL BE SUBMITTED FOR AS-BUILT DRAWINGS. TURN DRAWINGS OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT.
6. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED FOR EXACT SIZES OR LOCATIONS.

REMODELING FOR: