

PA. 69 : 3

3075

ONION CELLAR

67/14  
C

Minidoka Project  
Hunt, Idaho

Operations  
Engineering

Dillon S. Myer, Director  
War Relocation Authority  
Barr Building  
Washington, 25, D. C.

Dear Mr. Myer:

Attached we are submitting a WPA-617 requesting permission to construct an onion storage cellar on the center. Details on the center cellar have been worked out in connection with the Agricultural Section to fit their requirements.

As this is a large onion producing area, a thorough survey has been made of existing structures and recommendations of experienced raisers have been taken into consideration in designing a cellar of this type. The design being submitted is a result of this survey and has been determined to be the most economical structure we can build. It will require a minimum expense for up-keep.

Loose shelving for onion storage was termed both cumbersome and expensive by all the growers whom we contacted and for that reason, we determined that hinge shelving would suit our purpose much better, yet requiring no more material. A small amount of loose shelving would be used for the portion of the driveway which will be built up with temporary posts and shelving.

Yours very truly,

H. L. Stafford  
Project Director

Enclosure

LATHORSON/ak  
April 18, 1944

Serial # 128768

WAR RELOCATION AUTHORITY  
Minidoka Project  
Hunt, Idaho

*OK P.H.*

WPB-617  
Formerly PD-200  
Section I  
Question No.

ONION STORAGE CELLAR

- AA. 1. An onion storage cellar is planned for the Minidoka Relocation Center.
- The onions are produced on the farm which is in operation adjacent to the center. An annual yield of approximately <sup>280</sup>~~400~~ tons of onions is anticipated, which is enough to supply <sup>same</sup>~~three~~ other centers besides Minidoka. Onions raising is very successful in this territory and ample storage space for the average yearly crop has been planned in accordance with information obtained from private onion growers of long experience in this locality. Although their cellars and warehouses are of a much more elaborate and permanent nature, plans for this project have been drawn to meet demands for onion storage and preservation sufficient to take care of the crop for several years to come.
2. a. The War Relocation Authority was established by the Executive Office of the President of the United States under Executive Order No. 9066, dated February 19, 1942, for the removal from designated areas of persons whose removal was necessary in the interest of national security. SEE exhibit C.
- b. This project should not be deferred for the duration of the war, because the food produced, as a direct result of the successful farm operation in connection with the center, greatly assists in feeding the residents of the center, at a considerable saving over buying on the open market.
- B. No other application for this project has been made.
- C. 1. This is a new independent project.
2. All possible means have been taken into consideration in planning this project to eliminate restricted materials wherever possible. Storage

*3/20/42*

*year*

*280*

*same*

*These will have to be stored*

*This center as the climate condition of other centers prevent storage for any length of time before preservation.*

bins, however, will have to be built with restricted material together with vents, louvers and doors. This application requests permission to use framing and sheeting lumber where necessary

a. See Exhibit A.

b. The framing will be of pole, straw and earth construction. Wire mesh is placed over the pole rafters to carry the straw. 13,300 square feet of wire mesh is required. Of this amount, 10,560 square feet is on hand, ~~having only~~ <sup>LEAVING</sup> 2740 square feet to be purchased.

The storage bins will be built of rough lumber. Each bay of approximately 12' x 13' is divided in three layers with four 6' x 6' hinged slatted floors in each layer, for the purpose of having the racks in place at all times, instead of storing and handling this <sup>shelving</sup> material during loading and unloading of onions. Experience has proven that much of this material will be

wrecked if not placed stationary and constant replacements have to be made. Ample ventilation is required, and provision <sup>for this</sup> ~~there~~ has been made. <sup>Satisfactory onion storage is dependent on</sup> ~~In storing onions an almost constant air circulation is required,~~

<sup>which is</sup> to remove moisture produced by the onions <sup>and</sup> ~~which~~ causes rot and <sup>quick spoilage</sup> ~~easy spoiling~~ ~~of the product.~~ Five ventilation fans are to be installed in the ridge vents to assure <sup>this constant</sup> a steady air circulation, with fresh air drawn in through ~~per~~ provided side intake vents, <sup>in the plans</sup> See detail Exhibit A.

C. Cellar type, pole and earth framing.

- D.
1. A waiver is requested for permission to use framing and sheeting lumber.
  2. 10,720 board feet 2" x 4" - framing lumber.
  3. 17,936 board feet 1" sheeting lumber.
  3. This material will be used to build ventilators, doors and storage bins.
  4. No substitutes can be used for doors and ventilators as these will have to be constructed to be weather-proof. Storage bins will be built of 2" x 4" framing with 1" slats spaced for ventilation, necessary for the preservation of the stored product. This material has been figured to a minimum in dimensions, but strong enough to take care of stored weight.

FORM **WPB-617**  
FORMERLY **PD-200**  
(1-29-44)

UNITED STATES OF AMERICA  
WAR PRODUCTION BOARD

FORM APPROVED  
BUDGET BUREAU NO. 12-R276.3

**APPLICATION FOR AUTHORITY TO  
ACQUIRE OR CONSTRUCT FACILITIES**

**INCLUDING:**  **AUTHORITY TO BEGIN CONSTRUCTION UNDER L-41**  
 **PRIORITIES ASSISTANCE OR CONTROLLED MATERIALS**

1. TAX AMORTIZATION PRIVILEGES ARE REQUESTED  YES  NO.  
2.  AMENDMENT TO PREVIOUS AUTHORIZATION. GIVE: SERIAL NO. \_\_\_\_\_,  
AND DATE OF ISSUANCE \_\_\_\_\_.

SERIAL NO. \_\_\_\_\_  
DATE PROJECT AUTHORIZATION ISSUED \_\_\_\_\_ EXPIRATION DATE OF AUTHORIZATION \_\_\_\_\_

PRIMARY DIVISION OR AGENCY \_\_\_\_\_  
SPONSORING AGENCY (If Any) \_\_\_\_\_

NAME AND ADDRESS OF APPLICANT (Street, City, Zone, State)  
WAR RELOCATION AUTHORITY  
BARR BUILDING, 910-17th STREET  
WASHINGTON, D.C.

**SPACE ABOVE FOR WPB USE ONLY**

LOCATION OF PROJECT  
WAR RELOCATION AUTHORITY  
HUNT, JEROME COUNTY,  
INDIANA

**INSTRUCTIONS -** Submit number of copies as indicated on Instruction Sheet. **READ INSTRUCTIONS CAREFULLY BEFORE FILLING OUT FORM.**

**SECTION I - TO BE COMPLETED FOR ALL PROJECTS - (For projects costing less than \$25,000, excluding cost of land, and requiring no equipment, complete this section only.)**

- A. DESCRIBE THE PRINCIPAL SERVICES TO BE RENDERED OR PRODUCT TO BE MANUFACTURED OR PRODUCED; INCLUDE THE FOLLOWING:**
- (1) BRIEF DESCRIPTION OF THE MANUFACTURING PROCESS INVOLVED OR SERVICES TO BE RENDERED.  
(a) IF MANUFACTURING, AND THE PROCESS IS NEW OR EXPERIMENTAL, EXPLAIN IN DETAIL.  
(b) DESCRIBE THE TYPE OF EQUIPMENT TO BE INCORPORATED IN THE PROJECT. JUSTIFY HERE THE NEED FOR THE EQUIPMENT LISTED IN SECTION III.
- (2) EXPLAIN IN DETAIL THE IMMEDIATE NEED FOR THE PRODUCT OR SERVICE GIVING:  
(a) THE RELATIONSHIP TO THE WAR EFFORT, ESSENTIAL CIVILIAN NEEDS, OR PUBLIC HEALTH AND SAFETY.  
(b) SPECIFIC REASONS WHY THE PROJECT CANNOT BE DEFERRED FOR THE DURATION OF THE WAR.
- B. HAVE YOU MADE ANY OTHER APPLICATION OR PROPOSAL RELATED TO THIS PROJECT OR ANY PART THEREOF? IF SO, STATE:**
- (1) AGENCY AND ADDRESS TO WHICH APPLICATION OR PROPOSAL WAS SUBMITTED AND DATE.  
(2) ACTION TAKEN AND DATE.
- C. DESCRIBE THE PROPOSED PROJECT IN DETAIL, GIVING THE FOLLOWING INFORMATION:**
- (1) WHETHER IT IS A NEW INDEPENDENT PROJECT OR AN ALTERATION OR ADDITION TO AN EXISTING STRUCTURE OR INSTALLATION.  
(2) A CLEAR CONCISE DESCRIPTION OF THE CONSTRUCTION INVOLVED INCLUDING: (Submit general plans if available or show by sketches, plan and section. Indicate dimensions.)  
(a) GENERAL LAYOUT (Project limits and relation of structures.)  
(b) DESCRIPTION OF STRUCTURES, INSTALLATIONS OR OTHER CONSTRUCTION.  
(c) TYPE OF CONSTRUCTION (Masonry, reinforced concrete, steel, timber, etc.)
- D. IF FOR SPECIAL REASONS ANY WAIVER IS REQUIRED OF THE LIMITATIONS OF THE USE OF MATERIALS AND BUILDING SERVICE EQUIPMENT SHOWN IN THE "CONSTRUCTION LIMITATIONS", WHICH ARE PART OF THE INSTRUCTIONS FOR THIS FORM, SHOW:**
- (1) MATERIAL OR BUILDING SERVICE EQUIPMENT FOR WHICH WAIVER IS REQUIRED.  
(2) QUANTITIES REQUIRED.  
(3) USE TO WHICH THE MATERIAL OR EQUIPMENT WILL BE PUT.  
(4) SUFFICIENT REASON TO ESTABLISH THE NECESSITY FOR THE REQUIRED USE IN VIEW OF THE SHORTAGE OF SUCH MATERIALS AND EQUIPMENT.
- E. WILL PUBLIC UTILITY SYSTEMS BE REQUIRED TO CONSTRUCT ANY UTILITY SERVICE EXTENSIONS OR OTHER FACILITIES TO SERVICE THIS PROJECT? IF ANSWER IS "YES", SEE INSTRUCTIONS UNDER "SUPPORTING PAPERS TO BE FILED".**

ELECTRIC POWER  YES  NO      WATER  YES  NO      GAS  YES  NO      SEWER  YES  NO

**F. ESTIMATED COST (Do not include cost of existing facilities)**

COST	FEDERAL FUNDS	OTHER FUNDS	TOTAL
	(a)	(b)	(c)
TOTAL COST <u>\$8475.00</u>	<u>\$8595.00</u>		<u>\$8595.00</u>
COST EXCLUDING LAND			

**G. PROPOSED SCHEDULE**

NUMBER OF DAYS BETWEEN WPB AUTHORIZATION AND:		NUMBER OF DAYS REQUIRED FOR:	
START OF CONSTRUCTION	INITIAL EQUIP. INSTALLATION	ACTUAL CONSTRUCTION	EQUIPMENT INSTALLATION
(a)	(b)	(c)	(d)
<u>upon approval</u>		<u>180</u>	

**SECTION II - TO BE COMPLETED FOR ALL PROJECTS COSTING \$25,000 OR MORE EXCLUDING COST OF LAND, AND FOR PROJECTS REQUIRING INDUSTRIAL OR MANUFACTURING EQUIPMENT. (Answer applicable questions.)**

**A. BREAKDOWN OF ESTIMATED COST, EXCLUDING COST OF LAND (Section I, Question F above). (If federal funds, related "Appendix A" may be substituted for this breakdown, also furnish facilities contract number and/or Plancor No.)**

ITEM	FEDERAL FUNDS (a)	OTHER FUNDS (b)	TOTAL (c)
BUILDING AND OTHER CONSTRUCTION			
EQUIPMENT (Total)			
MACHINE TOOLS			
OTHER METAL WORKING			
FURNACES (Processing)			
OTHER MFG. OR PROCESSING			
POWER GENERATING			
OTHER EQUIPMENT			
OTHER COSTS (Excluding Land)			

**B. EXPLAIN IN DETAIL (Describe each effort made) WHY YOU CANNOT:**  
 (1) SUBCONTRACT ALL OR A PORTION OF THE PRODUCTS OR SERVICES TO BE PRODUCED IN THE PROPOSED FACILITY.  
 (2) USE OTHER AVAILABLE FACILITIES NOW IDLE OR DEVOTED TO OTHER PURPOSES.  
 (3) LEASE OR PURCHASE EXISTING BUILDINGS.

**C. UTILITY SERVICE**  
 (1) THE PROJECT DESCRIBED IN THIS APPLICATION WILL REQUIRE THE FOLLOWING ADDITIONAL AMOUNTS OF ELECTRIC POWER, WATER, AND GAS:  
 (a) ELECTRIC POWER DEMAND (K.W. of maximum demand) \_\_\_\_\_  
 (b) WATER (Gallons per day) \_\_\_\_\_  
 (c) GAS (Cubic feet per day) \_\_\_\_\_  
 (2) IF IT IS PROPOSED TO INSTALL, AS PART OF THIS PROJECT, NEW OR ADDITIONAL FACILITIES FOR POWER GENERATION, OR FOR WATER SUPPLY IN EXCESS OF 100,000 GALLONS PER DAY, DESCRIBE:  
 (a) THE EXISTING INSTALLATIONS AND ARRANGEMENTS FOR POWER GENERATION OR WATER SUPPLY.  
 (b) THE NEAREST SOURCE OF ANY OTHER ELECTRIC POWER OR WATER SUPPLY AND STATE WHY IT CANNOT BE USED.

**D. INDICATE APPROXIMATELY WHAT PERCENTAGE OF THE BUSINESS OF THIS PLANT TO WHICH THIS PROJECT DIRECTLY RELATES IS REPRESENTED BY PRIME CONTRACTS AND/OR SUBCONTRACTS WITH OR FOR THE AGENCIES LISTED:**

AGENCY	WITH EXISTING FACILITIES ONLY (Percent) (a)	WITH NEW FACILITIES ONLY (Percent) (b)	COMBINED NEW AND EXISTING FACILITIES (Percent) (c)
PRIME CONTRACTS			
ARMY			
NAVY			
MARITIME COMMISSION			
AIRCRAFT RESOURCES CONTROL OFFICE			
SUBCONTRACTS (If Available)			
ARMY			
NAVY			
MARITIME COMMISSION			
AIRCRAFT RESOURCES CONTROL OFFICE			

**E. PRODUCTION (If new facilities are to be used for the production of a product not heretofore manufactured, do not fill in Columns (c) and (d).)**

PRODUCT (a)	UNIT OF MEASURE (b)	WITH EXISTING FACILITIES LAST CALENDAR QUARTER ENDING _____, 194__		QUARTERLY CAPACITY WITH COMBINED NEW AND EXISTING FACILITIES	
		ACTUAL PRODUCTION (c)	MAXIMUM CAPACITY 24 HOUR DAY 168 HOUR WEEK (d)	INTENDED PRODUCTION (e)	MAXIMUM CAPACITY 24 HOUR DAY 168 HOUR WEEK (f)

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—FOLD HERE FOR FILING—

**F. EMPLOYMENT (Show, for this plant location only, number of employees and number of work hours per week. If new facilities are to be used for the production of a product not heretofore manufactured, fill in only Columns (e) and (f). If for service facility only (as a cafeteria) fill in only Columns (e) and (f).)**

SHIFT	WITH EXISTING FACILITIES				WITH NEW FACILITIES ONLY	
	TYPICAL WEEK DURING LAST CALENDAR QUARTER ENDING _____, 194__		PEAK EMPLOYMENT EXPECTED PER WEEK		ADDITIONAL EMPLOYEES REQUIRED (e)	LENGTH OF SHIFT (Usual hours per employee per week) (f)
	EMPLOYEES (a)	LENGTH OF SHIFT (Usual hours per employee per week) (b)	EMPLOYEES (c)	LENGTH OF SHIFT (Usual hours per employee per week) (d)		
FIRST						
SECOND						
THIRD						
<b>TOTAL</b>		XXXXXX		XXXXXX		XXXXXX
MALE		XXXXXX		XXXXXX		XXXXXX
FEMALE		XXXXXX		XXXXXX		XXXXXX

**G. IF EXISTING FACILITIES ARE NOT OPERATING AT PEAK CAPACITY AS INDICATED IN COLUMN (c), OR IF ADDITIONAL FACILITIES WILL NOT BE OPERATED AT MAXIMUM CAPACITY (168 hour week), STATE REASONS.**

**H. NUMBER OF MAN DAYS REQUIRED TO COMPLETE THE PROJECT. (Estimate on 8-hour day basis)**

**SECTION III - MACHINERY AND EQUIPMENT - ENTER BELOW ALL EQUIPMENT REQUIRED FOR THE PROJECT, OF THE KIND DESCRIBED IN THE INSTRUCTIONS UNDER MACHINERY AND EQUIPMENT (Read Instructions carefully)**

NAME OF ITEM (a)	MAKE AND MODEL NUMBER (b)	SIZE AND CAPACITY (c)	QUANTITY (d)	PURCHASE PRICE (e)	REQ. DELIVERY (No. of weeks after project authorization) (f)	FOR WPB USE ONLY (g)
Ventilating Fan	Westinghouse 16 FV3	115 Volts 1650 CFM	5	2800 (each)	4	

IF ADDITIONAL SPACE IS REQUIRED ATTACH SHEETS USING SAME COLUMN HEADINGS

**CERTIFICATION**

THE UNDERSIGNED HEREBY CERTIFIES THAT HE IS THE APPLICANT OR THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION ON BEHALF OF THE APPLICANT AND THAT THE FACTS HEREIN SET FORTH, OR APPENDED, ARE TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF.

DATE \_\_\_\_\_ BY \_\_\_\_\_ PROJECT DIRECTOR  
 SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL

SECTION 35(A) OF THE UNITED STATES CRIMINAL CODE, 18 U.S.C. SEC. 80, MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

## INSTRUCTIONS FOR FORM WPB-617 REVISED (FORMERLY PD-200)

*Applications will not be accepted for consideration unless prepared in accordance with these instructions*

### GENERAL INSTRUCTIONS

Attach separate sheets same size as this form and list numerically the answers to applicable questions. Also add continuation sheets as necessary.

WPB-617 is the application form used for most projects. Other types of applications are used for housing (except farm houses, hotels, and the larger apartment houses which use the WPB-617). Other forms are also used for water, gas, steam heating, electric power, telephone and telegraph facilities for use by the public; for petroleum facilities; and for certain other specialized kinds of authorizations which are provided for under blanket orders of the WPB or by special authorization forms. *If tax amortization privileges are requested, the application for tax amortization should be filed simultaneously with the WPB-617 application.*

The applicant will prepare four copies of this form, retain one and file the original and two copies, with supporting papers, as directed in "Where to File". If the application is accompanied by request for tax amortization, the original and three copies of WPB-617 must be filed. The applicant must be the person who is, or is to be, the owner of the proposed project or his duly authorized representative. All copies of the application must be signed and dated by him or his duly authorized representative.

One application may be filed by operators of office or loft buildings, apartment houses, hotels, industrial plants, or other substantial buildings or projects to cover a period of not more than six (6) months for any number of routine miscellaneous construction jobs required in connection with the process or use for which a single building, structure, or project has been designed, provided no single job included therein costs \$10,000 or over. For additional information, see WPB-43 revised, available at all WPB Field Offices.

**THE USE OF MATERIALS AND BUILDING SERVICE EQUIPMENT IS REGULATED BY THE CURRENT "CONSTRUCTION LIMITATIONS" (SEE WPB FIELD OFFICE FOR LATEST ISSUE) WHICH ARE PART OF THESE INSTRUCTIONS. THESE LIMITATIONS SHOULD BE STUDIED CAREFULLY BEFORE THE APPLICATION IS PREPARED. IF ANY RELIEF FROM THE RESTRICTIONS IS NECESSARY, THE FACTS MUST BE STATED AND THE REASON GIVEN IN THE WPB-617 APPLICATION (SECTION I, D). THE "CONSTRUCTION LIMITATIONS" WILL BE REFERRED TO IN, AND MADE A PART OF, THE AUTHORIZATIONS.**

### SUPPORTING PAPERS TO BE FILED

Be sure to submit the following papers with your application if applicable:

1. *Utility Certificates or Letters:* If it is necessary that a Utility System (gas, water, electric power, or sewer) construct new or additional facilities in order to service this project, there must be attached to this form; for gas, water or electric power (WPB-3348 or WPB-2774) or for sewers (WPB-3445 or WPB-2814.3), prepared by the Utility Systems in accordance with instructions appearing thereon.

2. *Tax amortization:* If tax amortization privileges are requested, attach to this application, Form WPB-3467, formerly TAS-21 (Application for Necessity

Certificate). It will not be considered unless filed with the priority application form.

3. All WPB-617 applications of the following types shall be accompanied by the indicated form with all applicable questions answered:

Type	Form required
(a) Hospital projects.....	WPB-2814.1
(b) School projects.....	WPB-2814.2
(c) Sewer projects.....	WPB-2814.3

4. *Equipment forms.* Certain equipment of the kind shown in Appendix A of the Construction Limitations, requires special authorization. If such equipment is required, it is desirable that application for such authorization, made on the applicable WPB form shown opposite the item on the equipment list, be filed together with Form WPB-617. *Consult your local WPB Field Office regarding amendments to governing orders shown which may have, since the printing of this Instruction Sheet, eliminated the need for filing a special form.*

**NOTE:** Any equipment of the kind described in these instructions under Machinery and Equipment, required for the project, must be listed in Section III on Form WPB-617 and all information required must be given.

### How To FILL OUT FORM WPB-617

Check proper square or squares in heading to indicate type of application.

*Applications under \$25,000, excluding cost of land*

Answer all questions in Section I. List under Section III any items required, described in these instructions under Machinery and Equipment. Answer questions in Section II, only if manufacturing or processing equipment is required.

*Applications \$25,000 or over, excluding cost of land*

Answer all questions in Section I and applicable questions in Section II. List under Section III any items required, described in these instructions under machinery and equipment.

**Section II—E. Production:** (If production is seasonal, give annual instead of quarterly production and explain.)

**Column (a)—**List only those products to be produced by the facility covered by this application.

**Column (b)—**Enter the unit customarily used. Do not report manhours, machine hours, or percentage of increase.

**Column (c)—**Enter total quantity you intend to produce per quarter with combined existing and additional facilities.

**Column (f)—**Enter total quantity that could be produced operating combined existing and additional facilities at maximum capacity (168 hour week).

**F. Employment:** Include only all skilled and unskilled piece and time workers in production and related departments, such as maintenance, shipping, warehousing, power plant, etc., including working foreman and gang or straw bosses, but not those whose work is primarily supervisory.

**Columns (c), (e), and (g)—**Enter assigned weekly hours of work applicable to the largest part of this force.

**Column (d)—**Show estimated peak employment with existing facilities.

**Column (f)—**Show the additional number of workers (as defined above) to be employed by the new facilities, i. e., the net increase over and above the number shown in Column (d). If the project is not an addition to existing

facilities, show expected peak employment per week.

**Section III—Equipment:** Add continuation sheets if necessary.

**Column (a)—**Enter name of item of equipment as shown on the list of this instruction.

**Column (b)—**Give make and model number if possible.

**Column (e)—**Do not include installation costs. If item is on hand, omit price and insert the letters "O. H." If used equipment is to be purchased give price and add (U).

### WHERE TO FILE APPLICATIONS

a. *Projects financed with Federal Funds:* In case of all projects financed by the War Department, the Navy Department, or the Maritime Commission, or financed by the Defense Plant Corporation with the sponsorship of one of those agencies, the applicant should check with the particular services involved to determine where to file.

b. *All applications involving facilities costing \$25,000 or more:* File with WPB, Washington, D. C.

c. *Applications accompanied by request for Certificates of Necessity (Tax Amortization) regardless of Cost:* File with WPB, Washington, D. C.

d. *Applications involving facilities costing less than \$25,000, and not accompanied by requests for Certificate of Necessity (Tax Amortization):* File with WPB Field Office nearest the site, unless otherwise directed.

### PROCEDURES TO FOLLOW TO OBTAIN AMENDMENT TO AUTHORIZATIONS TO BEGIN CONSTRUCTION

(File where original application was filed.)

**SUBMIT A LETTER** (in duplicate) for the following: (Give serial number and date of issuance.)

1. Higher ratings. Give purchase order number, description of item, name and address of supplier, his promised delivery date with present rating, and required delivery date.

2. A request for permission to waive certain restrictions placed upon him in previous authorizations, explaining in detail why it is necessary.

3. Time extension. Explain fully why time extension is needed.

**FOR ADDITIONAL STRUCTURES, MACHINERY OR EQUIPMENT,** file WPB-617 and indicate in block 2 of the heading that an amendment is requested. Give serial number and date of issuance of original authorization. Answer all applicable questions, confining answers to additional facilities only.

### MACHINERY AND EQUIPMENT LIST FOR FORM WPB-617 REVISED

List in Section III of Form WPB-617 all equipment required for the project in the following categories:

1. Manufacturing, processing, or service equipment, such as, but not limited to, food and dairy processing equipment; textile, fiber, leather, and clothing machinery; rolling mill machinery; power generating equipment; printing and publishing machinery; hospital equipment, etc. (Not including building service equipment except as specifically required under 2. below.)

2. Any machinery or equipment requiring special authorization. A partial list of such equipment is contained in Appendix A of the Construction Limitations.

### CONSTRUCTION LIMITATIONS

The "Construction Limitations", which are printed separately, are part of these instructions and the latest edition should be consulted before completing this application.

**UNION STORAGE CELLAR**

FORM **WPB-617**  
FORMERLY **PD-200**  
(1-29-44)

UNITED STATES OF AMERICA  
WAR PRODUCTION BOARD

FORM APPROVED  
BUDGET BUREAU NO. 12-R276.3

**APPLICATION FOR AUTHORITY TO  
ACQUIRE OR CONSTRUCT FACILITIES**

**INCLUDING:**  AUTHORITY TO BEGIN CONSTRUCTION UNDER L-41  
 PRIORITIES ASSISTANCE OR CONTROLLED MATERIALS

1. TAX AMORTIZATION PRIVILEGES ARE REQUESTED  YES  NO.  
2.  AMENDMENT TO PREVIOUS AUTHORIZATION. GIVE: SERIAL NO. \_\_\_\_\_,  
AND DATE OF ISSUANCE \_\_\_\_\_.

NAME AND  
ADDRESS  
OF  
APPLICANT  
(Street,  
City,  
Zone,  
State)

**War Relocation Authority  
Barr Building  
910 - 17th Street  
Washington, D. C.**

SERIAL NO.

DATE PROJECT  
AUTHORIZATION ISSUED

EXPIRATION DATE OF  
AUTHORIZATION

PRIMARY DIVISION OR AGENCY

SPONSORING AGENCY (If Any)

**SPACE ABOVE FOR WPB USE ONLY**

LOCATION OF PROJECT

**War Relocation Authority  
Hunt, Jerome County, Idaho**

**INSTRUCTIONS - Submit number of copies as indicated on Instruction Sheet. READ INSTRUCTIONS CAREFULLY BEFORE FILLING OUT FORM.**

**SECTION I - TO BE COMPLETED FOR ALL PROJECTS - (For projects costing less than \$25,000, excluding cost of land, and requiring no equipment, complete this section only.)**

**A. DESCRIBE THE PRINCIPAL SERVICES TO BE RENDERED OR PRODUCT TO BE MANUFACTURED OR PRODUCED; INCLUDE THE FOLLOWING:**

- (1) BRIEF DESCRIPTION OF THE MANUFACTURING PROCESS INVOLVED OR SERVICES TO BE RENDERED.  
(a) IF MANUFACTURING, AND THE PROCESS IS NEW OR EXPERIMENTAL, EXPLAIN IN DETAIL.  
(b) DESCRIBE THE TYPE OF EQUIPMENT TO BE INCORPORATED IN THE PROJECT. JUSTIFY HERE THE NEED FOR THE EQUIPMENT LISTED IN SECTION III.  
(2) EXPLAIN IN DETAIL THE IMMEDIATE NEED FOR THE PRODUCT OR SERVICE GIVING:  
(a) THE RELATIONSHIP TO THE WAR EFFORT, ESSENTIAL CIVILIAN NEEDS, OR PUBLIC HEALTH AND SAFETY.  
(b) SPECIFIC REASONS WHY THE PROJECT CANNOT BE DEFERRED FOR THE DURATION OF THE WAR.

**B. HAVE YOU MADE ANY OTHER APPLICATION OR PROPOSAL RELATED TO THIS PROJECT OR ANY PART THEREOF? IF SO, STATE:**

- (1) AGENCY AND ADDRESS TO WHICH APPLICATION OR PROPOSAL WAS SUBMITTED AND DATE.  
(2) ACTION TAKEN AND DATE.

**C. DESCRIBE THE PROPOSED PROJECT IN DETAIL, GIVING THE FOLLOWING INFORMATION:**

- (1) WHETHER IT IS A NEW INDEPENDENT PROJECT OR AN ALTERATION OR ADDITION TO AN EXISTING STRUCTURE OR INSTALLATION.  
(2) A CLEAR CONCISE DESCRIPTION OF THE CONSTRUCTION INVOLVED INCLUDING: (Submit general plans if available or show by sketches, plan and section. Indicate dimensions.)  
(a) GENERAL LAYOUT (Project limits and relation of structures.)  
(b) DESCRIPTION OF STRUCTURES, INSTALLATIONS OR OTHER CONSTRUCTION.  
(c) TYPE OF CONSTRUCTION (Masonry, reinforced concrete, steel, timber, etc.)

**D. IF FOR SPECIAL REASONS ANY WAIVER IS REQUIRED OF THE LIMITATIONS OF THE USE OF MATERIALS AND BUILDING SERVICE EQUIPMENT SHOWN IN THE "CONSTRUCTION LIMITATIONS", WHICH ARE PART OF THE INSTRUCTIONS FOR THIS FORM, SHOW:**

- (1) MATERIAL OR BUILDING SERVICE EQUIPMENT FOR WHICH WAIVER IS REQUIRED.  
(2) QUANTITIES REQUIRED.  
(3) USE TO WHICH THE MATERIAL OR EQUIPMENT WILL BE PUT.  
(4) SUFFICIENT REASON TO ESTABLISH THE NECESSITY FOR THE REQUIRED USE IN VIEW OF THE SHORTAGE OF SUCH MATERIALS AND EQUIPMENT.

**E. WILL PUBLIC UTILITY SYSTEMS BE REQUIRED TO CONSTRUCT ANY UTILITY SERVICE EXTENSIONS OR OTHER FACILITIES TO SERVICE THIS PROJECT? IF ANSWER IS "YES", SEE INSTRUCTIONS UNDER "SUPPORTING PAPERS TO BE FILED".**

ELECTRIC POWER  YES  NO      WATER  YES  NO      GAS  YES  NO      SEWER  YES  NO

**F. ESTIMATED COST (Do not include cost of existing facilities)**

COST	FEDERAL FUNDS (a)	OTHER FUNDS (b)	TOTAL (c)
TOTAL COST	\$8595.00		\$8595.00
COST EXCLUDING LAND			

**G. PROPOSED SCHEDULE**

NUMBER OF DAYS BETWEEN WPB AUTHORIZATION AND:		NUMBER OF DAYS REQUIRED FOR:	
START OF CONSTRUCTION (a)	INITIAL EQUIP. INSTALLATION (b)	ACTUAL CONSTRUCTION (c)	EQUIPMENT INSTALLATION (d)
Upon Approval		180	

**SECTION II - TO BE COMPLETED FOR ALL PROJECTS COSTING \$25,000 OR MORE EXCLUDING COST OF LAND, AND FOR PROJECTS REQUIRING INDUSTRIAL OR MANUFACTURING EQUIPMENT. (Answer applicable questions.)**  
**A. BREAKDOWN OF ESTIMATED COST, EXCLUDING COST OF LAND (Section I, Question F above). (If federal funds, related "Appendix A" may be substituted for this breakdown, also furnish facilities contract number and/or Plancor No.)**

ITEM	FEDERAL FUNDS	OTHER FUNDS	TOTAL
	(a)	(b)	(c)
BUILDING AND OTHER CONSTRUCTION			
EQUIPMENT (Total)			
MACHINE TOOLS			
OTHER METAL WORKING			
FURNACES (Processing)			
OTHER MFG. OR PROCESSING			
POWER GENERATING			
OTHER EQUIPMENT			
OTHER COSTS (Excluding Land)			

**B. EXPLAIN IN DETAIL (Describe each effort made) WHY YOU CANNOT:**  
 (1) SUBCONTRACT ALL OR A PORTION OF THE PRODUCTS OR SERVICES TO BE PRODUCED IN THE PROPOSED FACILITY.  
 (2) USE OTHER AVAILABLE FACILITIES NOW IDLE OR DEVOTED TO OTHER PURPOSES.  
 (3) LEASE OR PURCHASE EXISTING BUILDINGS.

**C. UTILITY SERVICE**  
 (1) THE PROJECT DESCRIBED IN THIS APPLICATION WILL REQUIRE THE FOLLOWING ADDITIONAL AMOUNTS OF ELECTRIC POWER, WATER, AND GAS:  
 (a) ELECTRIC POWER DEMAND (K.W. of maximum demand) \_\_\_\_\_  
 (b) WATER (Gallons per day) \_\_\_\_\_  
 (c) GAS (Cubic feet per day) \_\_\_\_\_  
 (2) IF IT IS PROPOSED TO INSTALL, AS PART OF THIS PROJECT, NEW OR ADDITIONAL FACILITIES FOR POWER GENERATION, OR FOR WATER SUPPLY IN EXCESS OF 100,000 GALLONS PER DAY, DESCRIBE:  
 (a) THE EXISTING INSTALLATIONS AND ARRANGEMENTS FOR POWER GENERATION OR WATER SUPPLY.  
 (b) THE NEAREST SOURCE OF ANY OTHER ELECTRIC POWER OR WATER SUPPLY AND STATE WHY IT CANNOT BE USED.

**D. INDICATE APPROXIMATELY WHAT PERCENTAGE OF THE BUSINESS OF THIS PLANT TO WHICH THIS PROJECT DIRECTLY RELATES IS REPRESENTED BY PRIME CONTRACTS AND/OR SUBCONTRACTS WITH OR FOR THE AGENCIES LISTED:**

AGENCY	WITH EXISTING FACILITIES ONLY	WITH NEW FACILITIES ONLY	COMBINED NEW AND EXISTING FACILITIES
	(Percent) (a)	(Percent) (b)	(Percent) (c)
PRIME CONTRACTS			
ARMY			
NAVY			
MARITIME COMMISSION			
AIRCRAFT RESOURCES CONTROL OFFICE			
SUBCONTRACTS (If Available)			
ARMY			
NAVY			
MARITIME COMMISSION			
AIRCRAFT RESOURCES CONTROL OFFICE			

**E. PRODUCTION (If new facilities are to be used for the production of a product not heretofore manufactured, do not fill in Columns (c) and (d).)**

PRODUCT (a)	UNIT OF MEASURE (b)	WITH EXISTING FACILITIES LAST CALENDAR QUARTER ENDING _____, 194__		QUARTERLY CAPACITY WITH COMBINED NEW AND EXISTING FACILITIES	
		ACTUAL PRODUCTION (c)	MAXIMUM CAPACITY 24 HOUR DAY 168 HOUR WEEK (d)	INTENDED PRODUCTION (e)	MAXIMUM CAPACITY 24 HOUR DAY 168 HOUR WEEK (f)

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—FOLD HERE FOR FILING—

**F. EMPLOYMENT (Show, for this location only, number of employees, number of work hours per week. If new facilities are to be used for the production of a product not heretofore manufactured, fill in only Columns (e) and (f). If for service facility only (as a cafeteria) fill in only Columns (e) and (f).)**

SHIFT	WITH EXISTING FACILITIES				WITH NEW FACILITIES ONLY	
	TYPICAL WEEK DURING LAST CALENDAR QUARTER ENDING _____, 194__		PEAK EMPLOYMENT EXPECTED PER WEEK		ADDITIONAL EMPLOYEES REQUIRED (e)	LENGTH OF SHIFT (Usual hours per employee per week) (f)
	EMPLOYEES (a)	LENGTH OF SHIFT (Usual hours per employee per week) (b)	EMPLOYEES (c)	LENGTH OF SHIFT (Usual hours per employee per week) (d)		
FIRST						
SECOND						
THIRD						
<b>TOTAL</b>		XXXXXX		XXXXXX		XXXXXX
MALE		XXXXXX		XXXXXX		XXXXXX
FEMALE		XXXXXX		XXXXXX		XXXXXX

**G. IF EXISTING FACILITIES ARE NOT OPERATING AT PEAK CAPACITY AS INDICATED IN COLUMN (c), OR IF ADDITIONAL FACILITIES WILL NOT BE OPERATED AT MAXIMUM CAPACITY (168 hour week), STATE REASONS.**

**H. NUMBER OF MAN DAYS REQUIRED TO COMPLETE THE PROJECT. (Estimate on 8-hour day basis)**

**SECTION III - MACHINERY AND EQUIPMENT - ENTER BELOW ALL EQUIPMENT REQUIRED FOR THE PROJECT, OF THE KIND DESCRIBED IN THE INSTRUCTIONS UNDER MACHINERY AND EQUIPMENT (Read Instructions carefully)**

NAME OF ITEM (a)	MAKE AND MODEL NUMBER (b)	SIZE AND CAPACITY (c)	QUANTITY (d)	PURCHASE PRICE (e)	REQ. DELIVERY (No. of weeks after project authorization) (f)	FOR WPB USE ONLY (g)
Ventilating Fan	Westinghouse 16 F V 3	115 volts 1650 CFM	5	\$28.00 (est.)	4	

IF ADDITIONAL SPACE IS REQUIRED ATTACH SHEETS USING SAME COLUMN HEADINGS

**CERTIFICATION**

THE UNDERSIGNED HEREBY CERTIFIES THAT HE IS THE APPLICANT OR THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION ON BEHALF OF THE APPLICANT AND THAT THE FACTS HEREIN SET FORTH, OR APPENDED, ARE TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF.

APR 18 1944  
 \_\_\_\_\_ BY A. L. Stefferson Project Director  
 DATE SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL

SECTION 35 (A) OF THE UNITED STATES CRIMINAL CODE, 18 U.S.C. SEC. 80, MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

## INSTRUCTIONS FOR FORM WPB-617 REVISED (FORMERLY PD-200)

*Applications will not be accepted for consideration unless prepared in accordance with these instructions*

### GENERAL INSTRUCTIONS

Attach separate sheets same size as this form and list numerically the answers to applicable questions. Also add continuation sheets as necessary.

WPB-617 is the application form used for most projects. Other types of applications are used for housing (except farm houses, hotels, and the larger apartment houses which use the WPB-617). Other forms are also used for water, gas, steam heating, electric power, telephone and telegraph facilities for use by the public; for petroleum facilities; and for certain other specialized kinds of authorizations which are provided for under blanket orders of the WPB or by special authorization forms. *If tax amortization privileges are requested, the application for tax amortization should be filed simultaneously with the WPB-617 application.*

The applicant will prepare four copies of this form, retain one and file the original and two copies, with supporting papers, as directed in "Where to File". If the application is accompanied by request for tax amortization, the original and three copies of WPB-617 must be filed. The applicant must be the person who is, or is to be, the owner of the proposed project or his duly authorized representative. All copies of the application must be signed and dated by him or his duly authorized representative.

One application may be filed by operators of office or loft buildings, apartment houses, hotels, industrial plants, or other substantial buildings or projects to cover a period of not more than six (6) months for any number of routine miscellaneous construction jobs required in connection with the process or use for which a single building, structure, or project has been designed, provided no single job included therein costs \$10,000 or over. For additional information, see WPB-43 revised, available at all WPB Field Offices.

**THE USE OF MATERIALS AND BUILDING SERVICE EQUIPMENT IS REGULATED BY THE CURRENT "CONSTRUCTION LIMITATIONS" (SEE WPB FIELD OFFICE FOR LATEST ISSUE) WHICH ARE PART OF THESE INSTRUCTIONS. THESE LIMITATIONS SHOULD BE STUDIED CAREFULLY BEFORE THE APPLICATION IS PREPARED. IF ANY RELIEF FROM THE RESTRICTIONS IS NECESSARY, THE FACTS MUST BE STATED AND THE REASON GIVEN IN THE WPB-617 APPLICATION (SECTION I, D). THE "CONSTRUCTION LIMITATIONS" WILL BE REFERRED TO IN, AND MADE A PART OF, THE AUTHORIZATIONS.**

### SUPPORTING PAPERS TO BE FILED

Be sure to submit the following papers with your application if applicable:

1. *Utility Certificates or Letters*: If it is necessary that a Utility System (gas, water, electric power, or sewer) construct new or additional facilities in order to service this project, there must be attached to this form; for gas, water or electric power (WPB-3348 or WPB-2774) or for sewers (WPB-3445 or WPB-2814.3), prepared by the Utility Systems in accordance with instructions appearing thereon.

2. *Tax amortization*: If tax amortization privileges are requested, attach to this application, Form WPB-3467, formerly TAS-21 (Application for Necessity

Certificate). It will not be considered unless filed with the priority application form.

3. All WPB-617 applications of the following types shall be accompanied by the indicated form with all applicable questions answered:

Type	Form required
(a) Hospital projects.....	WPB-2814.1
(b) School projects.....	WPB-2814.2
(c) Sewer projects.....	WPB-2814.3

4. *Equipment forms*. Certain equipment of the kind shown in Appendix A of the Construction Limitations, requires special authorization. If such equipment is required, it is desirable that application for such authorization, made on the applicable WPB form shown opposite the item on the equipment list, be filed together with Form WPB-617. *Consult your local WPB Field Office regarding amendments to governing orders shown which may have, since the printing of this Instruction Sheet, eliminated the need for filing a special form.*

**NOTE:** Any equipment of the kind described in these instructions under Machinery and Equipment, required for the project, must be listed in Section III on Form WPB-617 and all information required must be given.

### HOW TO FILL OUT FORM WPB-617

Check proper square or squares in heading to indicate type of application.

*Applications under \$25,000, excluding cost of land*

Answer all questions in Section I. List under Section III any items required, described in these instructions under Machinery and Equipment. Answer questions in Section II, only if manufacturing or processing equipment is required.

*Applications \$25,000 or over, excluding cost of land*

Answer all questions in Section I and applicable questions in Section II. List under Section III any items required, described in these instructions under machinery and equipment.

**Section II—E. Production:** (If production is seasonal, give annual instead of quarterly production and explain.)

**Column (a)**—List only those products to be produced by the facility covered by this application.

**Column (b)**—Enter the unit customarily used. Do not report manhours, machine hours, or percentage of increase.

**Column (e)**—Enter total quantity you intend to produce per quarter with combined existing and additional facilities.

**Column (f)**—Enter total quantity that could be produced operating combined existing and additional facilities at maximum capacity (168 hour week).

**F. Employment:** Include only all skilled and unskilled piece and time workers in production and related departments, such as maintenance, shipping, warehousing, power plant, etc., including working foreman and gang or straw bosses, but not those whose work is primarily supervisory.

**Columns (c), (e), and (g)**—Enter assigned weekly hours of work applicable to the largest part of this force.

**Column (d)**—Show estimated peak employment with existing facilities.

**Column (f)**—Show the additional number of workers (as defined above) to be employed by the new facilities, i. e., the net increase over and above the number shown in Column (d). If the project is not an addition to existing

facilities, show expected peak employment per week.

**Section III—Equipment:** Add continuation sheets if necessary.

**Column (a)**—Enter name of item of equipment as shown on the list of this instruction.

**Column (b)**—Give make and model number if possible.

**Column (e)**—Do not include installation costs. If item is on hand, omit price and insert the letters "O. H." If used equipment is to be purchased give price and add (U).

### WHERE TO FILE APPLICATIONS

a. *Projects financed with Federal Funds:* In case of all projects financed by the War Department, the Navy Department, or the Maritime Commission, or financed by the Defense Plant Corporation with the sponsorship of one of those agencies, the applicant should check with the particular services involved to determine where to file.

b. *All applications involving facilities costing \$25,000 or more:* File with WPB, Washington, D. C.

c. *Applications accompanied by request for Certificates of Necessity (Tax Amortization) regardless of Cost:* File with WPB, Washington, D. C.

d. *Applications involving facilities costing less than \$25,000, and not accompanied by requests for Certificate of Necessity (Tax Amortization):* File with WPB Field Office nearest the site, unless otherwise directed.

### PROCEDURES TO FOLLOW TO OBTAIN AMENDMENT TO AUTHORIZATIONS TO BEGIN CONSTRUCTION

(File where original application was filed.)

**SUBMIT A LETTER** (in duplicate) for the following: (Give serial number and date of issuance.)

1. Higher ratings. Give purchase order number, description of item, name and address of supplier, his promised delivery date with present rating, and required delivery date.

2. A request for permission to waive certain restrictions placed upon him in previous authorizations, explaining in detail why it is necessary.

3. Time extension. Explain fully why time extension is needed.

**FOR ADDITIONAL STRUCTURES, MACHINERY OR EQUIPMENT,** file WPB-617 and indicate in block 2 of the heading that an amendment is requested. Give serial number and date of issuance of original authorization. Answer all applicable questions, confining answers to additional facilities only.

### MACHINERY AND EQUIPMENT LIST FOR FORM WPB-617 REVISED

List in Section III of Form WPB-617 all equipment required for the project in the following categories:

1. Manufacturing, processing, or service equipment, such as, but not limited to, food and dairy processing equipment; textile, fiber, leather, and clothing machinery; rolling mill machinery; power generating equipment; printing and publishing machinery; hospital equipment, etc. (Not including building service equipment except as specifically required under 2. below.)

2. Any machinery or equipment requiring special authorization. A partial list of such equipment is contained in Appendix A of the Construction Limitations.

### CONSTRUCTION LIMITATIONS

The "Construction Limitations", which are printed separately, are part of these instructions and the latest edition should be consulted before completing this application.

BILL OF MATERIAL FOR  
THE ONION CELLAR

ITEM USED FOR	SIZE	No	B.M.
✓ CELLAR POLES	12" DIAM. POLES 14' LONG	36 ✓	504 LINEAR FT.
✓ GIRDER	12" DIAM. POLES 12' LONG	34 ✓	408 LINEAR FT.
✓ GIRDER	6" DIAM. POLES 14' LONG	8 ✓	112 LINEAR FT.
✓ POSTS	8" DIAM. POLES 10' LONG	36 ✓	360 LINEAR FT.
✓ GIRDER	8" DIAM. POLES 12' LONG	34 ✓	408 LINEAR FT.
✓ RAFTER	8" DIAM. POLES 22' LONG	<sup>202</sup> <del>101</del> ✓	2,222 LINEAR FT.
✓ RAFTER	8" DIAM. POLES 14' LONG	<sup>202</sup> <del>402</del> ✓	5,628 LINEAR FT.
✓ CONCRETE	<u>RATIO</u>		
✓ FLOOR FOOTING	CEMENT 1 (Portland Cement)	72 Sacks ✓	
✓ FOOTING	SAND 3	19 Yds ✓	
✓ FOOTING	GRAVEL 5	14 Yds ✓	
✓ HAY SUPPORT	48"-12 Gauge Wire - 2 <sup>3</sup> / <sub>8</sub> " Diamond	13,300 Sft. ✓	
✓	Mesh-Chain link fabric -		
✓ ENTRANCE	6" DIAM. POLES 22' LONG	100 ✓	2200 LINEAR FT.
✓ WALL	40d COMMON NAIL (5" LONG)	14 LB.	
✓ FOR POST	SPIKE 14" LONG	60 LB.	
✓ RAFTER AND TRUS	SPIKE 10" LONG	166 LB.	

✓	Entrances - Sill	6"x6" S4S #2 Common D.F.	14'-0"	4 pcs.
✓	"	Subs. 2"x6" " #2 " D.F.	10'-0"	40 "
✓	"	Knees. 2"x6" " #1 " D.F.	14'-0"	12 "
✓	"	Rafters 2"x4" " #1 " D.F.	10'-0"	16 "
✓	"	Sheathing. 1"x6" #3 Shiplap -	R/L	1500 Bd. ft.
✓	"	Roofing 58# Mineral Surface Split Sht. Reg.		5 Rolls.
✓	"	Nails 7/8" Large Head		2 1/2 Lbs -
✓	"	Asphalt. Roofing Asphalt		63 Lbs -
✓	"	Tarn Mop Tarn		1/2 Lb -
✓	Door -	1"x4" C Grade D.F. Flooring	10'-0"	300 Bd. ft.
✓		1"x8" S4S #2 Common w.p.	10'-0"	16 Pcs.
✓		1"x10" " " " "	10'-0"	2 "
✓		1"x6" " " " "	10'-0"	4
✓		12" T-Hinge (Heavy)		12 Pcs.
✓		Safety Steel 3 1/2" Hinge Hasps		2 Ea
✓		" " 4 1/2" " "		4 Ea.
✓	Slat Door.	1"x6" S4S #2 Common w.p.	10'-0"	36 Pcs.
✓		1"x6" " " " "	12'-0"	10 "
✓		2"x6" " " " D.F.	10'-0"	8 "
✓	Doors. (Vent)	1"x4" C Grade D.F. Flooring	10'-0"	100 Bd. ft.
✓		4" T-Hinge (Heavy)		20 Pcs -
✓		Safety Steel 3 1/2" Hinge Hasps -		20 Ea -
✓		1"x4" S4S #2 Common w.p.	10'-0"	16 Pcs -
✓		2"x4" S4S #2 Common D.F.	8'-0"	12 "
✓		" " " " " "	10'-0"	42 "
✓		1"x6" #3 Shiplap.	R/L	300 Bd. ft.
✓		58# Mineral Surface Split Sht. Reg.		4 Rolls
✓		7/8" Large Head R.C. Nails		2 Lbs.
✓		Roofing Asphalt		50 Lbs.

✓		Mop Yarn		1/2 lb.
✓	VENTS -	2"x4" S&S #2 Common D.P.	8'-0"	30 per.
✓		" " " " D.P.	10'-0"	8 "
✓		1"x4" " " " w.p.	12'-0"	12 "
✓		1"x6" #3 Common Ship Lap	R/L	650 Bd ft.
✓		58# Mineral Surface Split Sht. R/L		2 Rolls
✓		45# Roofing Felt		1 "
✓		7/8" Large Head Rf. Nails		2 1/2 Cbs.
✓		Roofing Asphalt		25 Cbs.
✓	DECKING -	2"x4" S&S #2 Common D.P.	14'-0"	1000 per.
✓		1"x4" Rough	12'-0"	3500 per.
✓		6" Strap Hinge (HEAVY)		408 prs.
✓		1"x10" Rough	12'-0"	300 per.
✓	Nails (Decking)	10 d Common		400 Cbs
✓	"	20 d Common		100 Cbs.
✓		12" Spikes		100 Cbs
✓		10" Spikes		150 Cbs
✓		3/8" DRIFT PINS - 14" long -		36 Ea.
✓		60d Common		20 Lbs
✓		8d Common		100 Cbs.
✓		16d Common		100 Cbs.
✓	STRAW - ?	3200 BALES		
	FELT ?			
	FIBRE BOARD -	1650 - SQ. FT.		
	Dowels -	3/4" x 12" long Steel Dowels		36 Ea.
	Gyp. Board	3/8" Gypsum Board -		2400 Sq ft.
	Boards			

$$\begin{array}{r} 6 \\ 48 \\ 38 \\ \hline 12 \overline{) 384} \\ \underline{36} \\ 24 \end{array}$$

$$\begin{array}{r} 32 \overline{) 1000} \\ \underline{640} \\ 360 \\ \underline{320} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

$$\begin{array}{r} 102.8 \\ \underline{256} \\ 64 \\ \underline{896} \end{array}$$

## Construction &amp; Maintenance Section -- PROJECT COST ESTIMATE SHEET

Project # Estimated Total Cost

Date Submitted

Sheet # 1 of 2

Item No.	Description	Quantity	Unit	Unit Cost		Labor	Material	Total	Value Matr'l On Hand
				Labor	Matr'l				
1	POLES-12" DIM: 14'	504	L.F		0.30		151.20	151.20	
2	" 12" " 12'	408	"		0.30		122.40	122.40	
3	" 8" " 22'	2222	"		0.15		333.30	333.30	
4	" 8" " 14'	5628	"		0.15		844.20	844.20	
5	" 8" " 12'	408	"		0.15		61.20	61.20	
6	" 8" " 10'	360	"		0.15		54.00	54.00	
7	" 6" " 22'	2200	"		0.09		198.00	198.00	
8	" 6" " 14'	112	"		0.09		10.08	10.08	
9	2"x6" AND 2"x4" FRAMING LBR.	10.720	B.F		0.07		750.40	750.40	
10	1" SHEETING LBR.	17.936	"		0.07		1255.52	1255.52	
11	4" FLOORING C.C.R. J.F	400	"		0.07		28.00	28.00	
12	FIBRE BOARD 1/2"	1650	SQ.FT		0.05		82.50	82.50	
13	CONCRETE	18	CU.YD		7.00		126.00	126.00	
14	WIRE NAILS	1200	LBS.		0.09		108.00	108.00	
15	WIRE MESH CHAIN LINK FABRIC 48" 12 GA. 2 3/8 DIAMOND	13.300	SQ.FT		0.05		665.00	665.00	522.00

FOWARD 4789.80

Construction & Maintenance Section -- Project # \_\_\_\_\_ Estimated Total Cost \_\_\_\_\_ Date Submitted \_\_\_\_\_ Sheet # 2 of 2

Item No.	Description	Quantity	Unit	Unit Cost		Labor	Material	Total	Value Matr'l On Hand
				Labor	Matr'l				
								FORWARDED 4789.80	
16.	ROLL ROOFING.	12.	SQUARES.	2.00			24.00	24.00	
17.	ASHPHALT.	140	LBS.	0.01			1.40	1.40	1.40
18.	MOP. YARN.	1	"	0.61			0.61	0.61	0.61
19.	T. HINGES. 12" HEAVY.	12.	PAIR.	0.75			9.00	9.00	
20.	" " 4" "	20	"	0.25			5.00	5.00	
21.	STRAP HINGES. 6" "	408	"	0.40			163.20	163.20	
22.	DRIFT PINS. 3/8" x 14"	36.	E.A.	0.10			3.60	3.60	
23.	HASP. SAFETY. 3 1/2"	22	"	0.20			4.40	4.40	
24.	" " 4 1/2"	4	"	0.25			1.00	1.00	
25.	STRAW. BALLED.	3300.	BALLS.	0.50			1650.00	1650.00	
	LABOR					1500.00		1500.00	
						1500.00	6652.01	8152.01	524.01

Construction & Maintenance Section --		Project #		Estimated Total Cost		Date Submitted		Sheet # / of /		
Item No.	Description	Quantity	Unit	Unit Cost		Labor	Material	Total	Value Matr'l On Hand	
				Labor	Matr'l					
1	WIRE-W.P. #6-1000 FT.	80	LBS		0.26		20.80	20.80		
2	" " #10-2000 "	64	"		0.26		16.64	16.64		
3	" " #14	35	FT.		0.03		0.75	0.75		
4	" R.C. #8	25	"		0.05		1.25	1.25	1.25	
5	LOOM-7/32-	25	"		0.03		0.75	0.75	0.75	
6	3 SPOOL RACK	4	EA.		2.50		10.00	10.00		
7	INSULATORS-SPOOL BROWN	12	"		0.21		2.52	2.52		
8	SPLIT KNOBS-N° 5 1/2	200	"		0.03		6.00	6.00		
9	CHAIN-PULL RECEPTCLE	10	"		0.32		3.20	3.20		
10	LAMP-100 WATT	10	"		0.16		1.60	1.60	1.60	
11	SWITCH-SINGLE-THROW FUSEBLE	2	"		11.50		23.00	23.00		
12	VENTILATING-FAN	5	"		28.00		140.00	140.00		
13	MACHINE BDLTS. 5/8" x 1 1/2"	10	"		0.20		2.00	2.00		
14	POLES 6" TOP-30'	2	"		9.00		18.00	18.00		
15	CONDUIT-3/4"	5	FT		0.15		0.75	0.75	0.75	
16	COND. CONN: WATER TIGHT 3/4"	2	EA.		0.20		0.40	0.40		
17	SERVICE HEAD, 3/4"	1	"		0.41		0.41	0.41		
LABOR.										75.00
										75.00
										<u>323.07</u>

ONION STORAGE CELLAR

ESTIMATE COST

<u>STRUCTURAL MATERIAL</u>	<u>6652.01</u>
<u>" LABOR</u>	<u>1500.90</u>
<u>ELECTRIC MATERIAL</u>	<u>248.07</u>
<u>" LABOR</u>	<u>75.00</u>
<u>TOTAL</u>	<u>\$ 8475.08</u>

Gypsum Board

1.20  
8595.08

BAILED-STRAW  
DEMENTON. 18" x 36"

WIRE DN. HAND.  
2640 - L.F. 4' WIDE.  
10.560. 59' FT.

UNION STORAGE CELLAR.

①

MATERIALS.	QUANT.	UNIT.	UNIT PRICE.	COST.	B.F.
POLES - 12" DIM: 14'	36	EA.	0.30	151.20	
" 12" " 12'	34	"	0.30	122.40	
" 8" " 22'	101	"	0.15	333.30	
" 8" " 14'	402	"	0.15	844.20	
" 8" " 12'	34	"	0.15	61.20	
" 8" " 10'	36	"	0.15	54.00	
" 6" " 14'	8	"	0.09	10.08	
" 6" " 22'	100	"	0.09	198.00	
6" x 6" - 14' #2 COM: D.F	4	P.C.S.	0.07	5.25	75
2" x 6" - 14' "	12	"	"	11.76	168
2" x 6" - 10' "	48	"	"	33.60	480
2" x 4" - 14' "	1000	"	"	653.31	9333
2" x 4" - 10' "	66	"	"	30.80	440
2" x 4" - 8' "	42	"	"	15.68	224
1" x 10" - 10' #2 COM: W.F	2	"	"	1.19	17
1" x 8" - 10' "	16	"	"	7.49	107
1" x 6" - 12' "	10	"	"	4.20	60
1" x 6" - 10' "	40	"	"	14.00	200
1" x 4" - 12' "	12	"	"	3.36	48
1" x 4" - 10' "	16	"	"	3.78	54
SHIPLAP #3		R.L.	"	171.50	2450
FLOORING 4" C - D.F 10'			"	28.00	400

10.720 - B.F

29.36 B.F

ONION STORAGE CELLAR

(2)

MATERIAL.	QUANT.	UNIT.	UNIT PRICE	CONST.	BT. FT.
1" X 10" 12' ROUGH.	300	P.C.S.	0.07	210.00	3000
1" X 4" 12' "	3500	"	"	840.00	12.000
CONCRETE.	78	CU. YD.	7.00	126.00	
NAILS.	12.00	LBS.	0.09	108.00	
WIRE MESH. CHAIN LINK FABRICK	13.300	SG. FT.	0.05	665.00	2640-L.F. 4' ON HAND.
ROOFING. 58# SPL. SH. REG.	11	ROLLS	2.00	22.00	
ROOFING FELT. 45#	1	"	2.00	2.00	
ASPHALT.	140	L.B.S	0.01	1.40	
MOP YARN.	1	"	0.61	0.61	
T. HINGES. 12" HEAVY.	12	PR.	0.75	9.00	
" 4" "	20	"	0.25	5.00	
STRAP HINGES. 6" "	408	"	0.40	163.20	
DRIET PINS. 3/8" X 14"	36	EA.	0.10	3.60	
HAST. 3 1/2"	22	"	0.20	4.40	
" 4 1/2"	4	"	0.25	1.00	
STRAW.	3300	BALLS	0.50	1650.00	
FIBRE BOARD. 1/2"	1650	SG. FT	0.05	82.50	

15.000 B-F

DEPARTMENT ELECTRIC.DATE: APRIL 12 - 1944PROJECT NAME OR NO. ONION-STORAGE CELLAR.PREPARED BY: W. J. Johnson

Item No.	Materials	Name of Cat.	Cat. No.	Quant. Rec.	Unit	Unit Cost	Total Cost	Quant. on hand
1	COPPER WIRE # 6. W. P. 80 LBS.			1000.	FT.	0.26	20.80.	
	" " # 10. W. P. 64. "			2000	"	0.26	16.64	
3	" " # 14. W. P.			25	"	0.03	0.75	
4	LODM. $\frac{7}{32}$ .	W. H. PG. 46		25	"	0.03	0.75	25-FT.
5	3 SPOOL RACKS. "	W. H. PG. 395	J-1268	4	EACH	2.50	10.00.	
6	SPOOL-INSULATORS - BROWN	W. H. PG. 399	816681	12	"	0.21	2.52.	
7	SPLIT-KNDRS. N° 5 $\frac{1}{2}$ .			200	"	0.03.	6.00.	200. EA.
8	CHAIN-PULL-RECEPTCLE.	W. H. PG. 168.	H268.	10	"	0.32.	3.20	
9	LAMPS. 100. WATT.			10	"	0.16.	1.60.	
10	SWITCH. SINGLE-THROW. FUSEBLE	W. H. PG. 211	16.7H.	2	"	11.50	23.00.	
11	VENTILATING-FAN. HORIZONTAL	W. H. PG. 625	16.FH. 3.	5	"	28.00	140.00.	
12	MACH. BOLTS. $\frac{5}{8}$ " x 12."			10	"	0.20.	2.00.	
13	POLES. 6" TOP. 30'			2	"	0.30.	18.00	
14	CONDUIT. $\frac{3}{4}$ "			5	FT.	0.15.	0.75	5-FT.
15	WATER TIGHT. COND. CONNECTOR $\frac{3}{4}$ "			2	EA.	0.20	0.40	
16	SERVICE HEAD. $\frac{3}{4}$ "			1	EA.	0.41	0.41	
17	WIRE. R. C. - # 8.			25	FT.	0.05.	1.25.	25-FT.

# Onion Cells

2" x 4" x 10'	24 ea.	160 B.F.
2" x 4" x 8'	30 ea.	160 "
2" x 4" x 14'	1006 ea.	9333 "
1" x 4" x 12'	3500 ea.	14000 "
1" x 10" x 12'	300 ea.	3000 "

UNION STORAGE CELLAR.

STRUCTURAL.

ITEM. N <sup>o</sup>	MATERIALS.	ON-HAND.	UNIT. TO BE PURCHASED	COST.
1	POLES. 12" DIM.	14'	504 LF	104.20
2	" "	12'	408 "	122.40
3	" 8" "	22'	2222 "	333.30
4	" "	14'	5628 "	844.20
5	" "	12'	408 "	61.20
6	" "	10'	360 "	54.00
7	" 6" "	22'	2200 "	198.00
8	" "	14'	112 "	10.08
9	FRAMING-LUMBER. 2"x4. + 2"x6"		10,720 BF	750.40
10	SHEETING. " 1"		17,936 "	1255.52
11	FLOORING. C. GRADE. D-F.		400 "	28.00
12	FIBRE. BOARD. 1/2"		1650 SQF	82.50
13	CONCRETE.		18. CU YD	126.00
14	WIRE. NAILS.		1200 LBS	108.00
15	WIRE MESH. CHAIN LINK FABRIC. 41" 12 GA. 2 3/8 DIAMOND	10,560 SQ.F.	12,740 SQ.F.	665.00
16	ROLL. ROOFING.		12. SPAR.	24.00
17	ASPHALT.	140 LBS		1.40
18	MOP. YARN.	1 "		0.61
19	T. HINGES. 12" HEAVY.		12 P.R.	9.00
20	" 4" "		20 "	5.00
21	STRAP. HINGES. 6" "		408 "	163.20
22	DRIFT. PINS. 3/8" x 14"		36 EA.	3.60
23	HAST. SAFETY. 3/8"		22 "	4.40
24	" " 4 1/2"		4 "	1.00
25	STRAW. BAILED.		3300 BAILS	1650.00
26	Gypsum Board 3/8		2400 SF	120.00

UNION STORAGE CELLAR

ELECTRICAL

ITEM. N <sup>o</sup>	MATERIAL.	DN. HAND.	UNIT. TO BE PURCHASED	UNIT.	COST.
1.	WIRE. W.P. N <sup>o</sup> 6.		1000 FT.	50. LBS.	1000 FT 20.80
2.	" " N <sup>o</sup> 10.		2000 "	64 "	2000 " 16.64.
3.	" " N <sup>o</sup> 14.		25 "		25 " 0.75.
4.	" R.C. N <sup>o</sup> 8.		25 "	25 FT.	25 " 1.25.
5.	LOOM. 7/32.		25 "	25 "	25 " 0.75
6.	3. SPOOL-RACK.			4 EA.	4 EA 10.00
7.	INSULATORS. SPOOL. BROWN.			12 "	12 " 2.52.
8.	SPLIT. KNOBS			2.00 "	2.00 " 6.00.
9.	CHAIN. PULL. RECTANGLE.			10 "	10 " 3.20
10.	LAMP. 100-WATT.		10 EA.		10 EA. 1.60
11.	SWITCH. SINGLE. THROW. FUSIBLE.			2 "	2 " 23.00
12.	VENTILATING. FAN.			5 "	5 " 140.00
13.	MACHINE. BOLTS. 5/8" x 12"			10 "	10 " 2.00
14.	POLES. 6" TOP. 30'			2 "	2 " 18.00
15.	CONDUIT. 3/4"		5 FT.		5 FT 0.75
16.	CONDUIT. CONNECTOR. WATER-TIGHT. 3/4"			2 "	2 " 0.40.
17.	SERVICE. HEAD. 3/4"			1 "	1 " 0.41

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Y

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
WAR RELOCATION AUTHORITY

WASHINGTON

May 27, 1944

AIR MAIL

Mr. Harry L. Stafford  
Project Director  
Minidoka Relocation Center  
Hunt, Idaho

Dear Mr. Stafford:

Enclosed are Forms WPB-617 and GA-1456, Serial No. 128768, approving the purchase of both controlled and rated materials as listed on the WPB-617 application. This covers the construction of an onion storage cellar.

The allotment symbol to be used in purchasing the controlled materials is F-6. The priority rating assigned for this project is AA-3. The use of the above ratings is not limited to any quarter and the expiration date is December 31, 1944. Every effort should be made to place the orders for the rated and controlled materials during this time.

Please note under Section 5 of GA-1456 that a waiver of the Construction Limitations, attached thereto, has been granted for "2" x 4" framing lumber and 1" material for sheathing, bins, etc". No materials listed on the above Limitations may be purchased or incorporated into the structure unless a waiver has been granted on the GA-1456, Section 5.

An allotment of funds necessary to complete the above project will be sent under separate cover.

Sincerely yours

/s/Morris B. Seltzer  
Procurement Officer

Enclosures



UNITED STATES OF AMERICA  
WAR PRODUCTION BOARDAUTHORIZATION TO BEGIN CONSTRUCTION AND/OR ASSIGNMENT OF  
ALLOTMENT SYMBOLS AND PREFERENCE RATING FOR FACILITIES

---

Name and  
Address  
of  
Applicant  
(Street,  
City,  
Zone,  
State)

War Relocation Authority  
Barr Building  
910 17th Street  
Washington, D. C.

---

## Description:

This project calls for the construction of an onion storage cellar. Construction will be of heavy poles and timbers covered with wire mesh, straw and earth to form the roof. Size 39' 8" x 229' 0". The interior is to be arranged with a series of storage bins of wood construction. Cost ~~\$8,595.00~~

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AUTHORIZATION - The applicant is authorized to construct the above-described project.

ALLOTMENT OF CONTROLLED MATERIALS - Allotment symbol F-6 may be used to order controlled materials necessary to complete the project.

PREFERENCE RATINGS - Preference rating AA-3 may be used to order items of the kind described in the instructions for Form WPB-617, under Machinery and Equipment, which are set forth and approved in Section III of the application. Preference rating AA-3 may be used to order all other items of equipment and materials (except controlled materials), necessary to complete the project.

DELIVERIES- Except where otherwise indicated on the application the applicant is authorized to buy and accept delivery of machinery and equipment shown in Section III of the application as approved.

CONDITIONS - Construction of the project described above and use of the allotment symbol and preference ratings assigned, are subject to the provisions of Direction No. 1 to CMP Regulation No. 6, and to applicable War Production Board orders and regulations and to the following conditions:

1. The War Production Board in issuing this authorization relied on the statements and representations made by the applicant in the application. Failure to live up to these statements and representations constitutes a violation of this authorization and grounds for its immediate cancellation. In addition, failure of the applicant to abide by any of the conditions imposed in this authorization constitutes grounds for its immediate cancellation.
2. The applicant must not use the allotment symbol or preference rating to obtain delivery of controlled materials or other products or materials on earlier dates than required for completion on schedule of the project. The applicant must not use the allotment symbol or preference rating on orders which are placed after December 31, 1944, the expiration date hereof.
3. No items of the kind shown on the equipment list of the Instructions for Form WPB-617 may be incorporated into the construction except those set forth in the application and approved by the War Production Board.
4. No materials may be acquired under this authorization or incorporated in the construction except as permitted under the provisions of the Construction Limitations dated February 1, 1944, which is made a part of this authorization. Deviations from such limitation is permitted only if specifically authorized below on this form.
5. The following deviations from the Construction Limitations are permitted:
  - 2" x 4" framing lumber
  - 1" material for sheathing, bins, etc.

ISSUED THIS 20th DAY OF May, 1944

By J. Joseph Whelan  
Signature

# Root Cellar

Cost

	unit	Total	Unit	onHand	To be Purchased	onHand	Purchased												
Concrete	1000	25	Cy.	25	0	25000	0												
3/4" φ steel Dowels	16	36	lb																5.76
12" Native pine poles	45	840	"	0	840	0	37800												
8" " " "	15	8222	"	0	8222	0	123330												
6" " " "	09	126	"	0	126	0	1134												
4" " " "	04	19200	"	0	19200	0	76800												
6x6 Rough	055	288	B.F.	0	288	0	1584												
2x6 345 #2 Com DF	07	764	"	764	0	5348	0												
2x4 "	07	171	"	171	0	1197	0												
2x8 "	07	118	"	118	0	826	0												
1x6 345 #2 Com W.P.	07	348	"	0	348	2436	270												
1x6 #3 Com. Ship Lap	07	2000	"	2000	0	14000	0												
1x4 345 #2 Com W.P.	07	18	"	18	0	126	0												
1x6 Rt S. C grade	07	600	"	600	0	4200	0												
Straw, Baled 18"x18"x36"	50	3200	Bales	0	3200	0	160000												
Woven wire - 12" stays - 40"	200	5	39 Ft	5	0	1000	0												
58# Roofing Felt	01	63	Rolls	5	0	1000	0												
Roofing Asphalt	157	12	lbs	63	0	63	0												
12" Strap Hinge (Heavy)	25	1	Pr	0	12	0	1880												
3 1/2" Hinge Hasp	28	4	Ea	1	0	25	0												
4 1/2" " "	28	2	Ea	4	0	112	0												
4" T-Hinge (Heavy)	222	10	Pr	2	0	56	0												
1/4" x 3" Mach. Bolts	246	10	doz	0	10	0	222												
1/4" x 3/2" " "	02	24	doz	0	24	0	48												
1/4" W Washers	08	600	lbs	0	600	0	4800												
Nails	18	2	Pr	2	0	36	0												
2 1/2 x 2 1/2 steel Butts	07	1500	BLF	1500	0	10500	0												
2x3 (cut from 2x6)	03	36	ea				108												
3/8" φ x 14" Drift pins	05	1200	39 Ft	0	1200	0	6000												
1/2" Celotex																			
#8 WP wire																			
#14 WP wire																			
split Knobs #5 1/2																			
Chain Pull Receptacle box																			
2 spool Rack																			
Entrance Switch																			
Fuse block																			
Lamp 100 w.																			
Conduit elbow 1/2"																			
Conduit connectors																			
#6 Bare wire																			
Toggle switch																			

Colo. Wolf-Proof Fence #1140 - 12" stays - 0057 14500  
 Goldberg Bros - Pg 98 - #992

Pg 140

115289 436664

5519.53

11

# Roof cellar

84  
36  
20

size	length	No.
12" Posts	12 ft	36
12" Studs	12 "	34
8" Posts	7 ft	36
8" Studs	12 ft	34
8" Rafters	34 ft	202
8" Rafters	16 ft	44
6" Ties	14 ft	9
4" Panels	12 ft	1600
#8 WP wire		100 ft
3/4" Iron rod		36 lf.
3/8" " "		42 lf.
6" x 6" Rough 14" long		4 pcs.
Baled straw 18" x 18" x 36"		3200 Bales.
Woven wire 12" strap 40" h.		14,500 sq ft.
12" heavy strap hinges		12 pcs.
1/4" x 3" Mach. bolts		10 doz.
1/4" x 3 1/2" " "		10 doz.
1/4" washers		24 doz.
12" spikes		100 lbs.
10" spikes		200 lbs.
16 d common		100 lbs.
1/2" Fibre board		1200 sq ft.

WRA-307

Aug 12

## WAR RELOCATION AUTHORITY

Potato Cellar

Construction & Maintenance Section -- Project 5-15 Estimated Total Cost \$5810 Date Submitted 5/24/44 Sheet # 1 of 3

Item No.	Description	Quantity	Unit	Unit Cost		Labor	Material	Total	Value Matr'l On Hand
				Labor	Matr'l				
1	Concrete	25	C.Y.		10 <sup>00</sup>		250 <sup>00</sup>	250 <sup>00</sup>	250 <sup>00</sup>
2	3/4" steel Dowels	36	L.F.		0 <sup>16</sup>		576	576	
3	3/8" Drift Pins	42	L.F.		0 <sup>03</sup>		1 <sup>26</sup>	1 <sup>26</sup>	
4	Pine Pole 12" Butt	840	L.F.		0 <sup>45</sup>		378 <sup>00</sup>	378 <sup>00</sup>	
5	" " 8" "	8222	L.F.		0 <sup>15</sup>		1233 <sup>30</sup>	1233 <sup>30</sup>	
6	" " 6" "	126	L.F.		0 <sup>09</sup>		11 <sup>34</sup>	11 <sup>34</sup>	
7	" " 4" "	19200	L.F.		0 <sup>04</sup>		768 <sup>00</sup>	768 <sup>00</sup>	
8	6" x 6" Rough	288	B.F.		0 <sup>055</sup>		15 <sup>84</sup>	15 <sup>84</sup>	
9	2" x 3" cut from 2" x 6"	1500	B.F.		0 <sup>07</sup>		105 <sup>00</sup>	105 <sup>00</sup>	105 <sup>00</sup>
10	2" x 6" S4S #2 Com. D.F.	764	B.F.		0 <sup>07</sup>		53 <sup>48</sup>	53 <sup>48</sup>	53 <sup>48</sup>
11	2" x 4" S4S #2 Com. D.F.	171	B.F.		0 <sup>07</sup>		11 <sup>97</sup>	11 <sup>97</sup>	11 <sup>97</sup>
12	2" x 8" S4S #2 Com D.F.	118	B.F.		0 <sup>07</sup>		8 <sup>26</sup>	8 <sup>26</sup>	8 <sup>26</sup>
13	1" x 6" S4S #2 Com. D.F.	348	B.F.		0 <sup>07</sup>		24 <sup>36</sup>	24 <sup>36</sup>	24 <sup>36</sup>
14	1" x 6" #3 Com. Shiplap	2000	B.F.		0 <sup>07</sup>		140 <sup>00</sup>	140 <sup>00</sup>	140 <sup>00</sup>
15	1" x 4" S4S #2 Com. W.P.	18	B.F.		0 <sup>07</sup>		1 <sup>26</sup>	1 <sup>26</sup>	1 <sup>26</sup>
16	1" x 6" T. & G. C. Grade	600	B.F.		0 <sup>07</sup>		42 <sup>00</sup>	42 <sup>00</sup>	42 <sup>00</sup>
17	Straw Baled 18" x 18" x 36"	3200	Bales		0 <sup>50</sup>		1600 <sup>00</sup>	1600 <sup>00</sup>	
18	Woven wire - 12" stays Ho" - 11 + 14 1/2 G.	14500	Sq. Ft.		0 <sup>0057</sup>		8265	8265	

Construction & Maintenance Section		Project #		PROJECT COST ESTIMATE SHEET		Estimated Total Cost		Date Submitted	Sheet # 2 of 3	
Item No.	Description	Quantity	Unit	Unit Cost		Labor	Material	Total	Value Matr'l On Hand	
				Labor	Matr'l				Labor	Matr'l
19	Roofing Felt 58#	5	Rolls		2 <sup>00</sup>		10 <sup>00</sup>	10 <sup>00</sup>		10 <sup>00</sup>
20	Roofing Asphalt	63	lbs.		0 <sup>01</sup>		0 <sup>63</sup>	0 <sup>63</sup>		0 <sup>63</sup>
21	Strap Hinges 12" (Heavy)	12	Pr.		1 <sup>57</sup>		18 <sup>80</sup>	18 <sup>80</sup>		
22	Hinge Hasp 3 1/2"	1	Ea.		0 <sup>25</sup>		0 <sup>25</sup>	0 <sup>25</sup>		0 <sup>25</sup>
23	Hinge Hasp 4 1/2"	4	Ea.		0 <sup>28</sup>		1 <sup>12</sup>	1 <sup>12</sup>		1 <sup>12</sup>
24	T-Hinge 4" (Heavy)	2	Pr.		0 <sup>28</sup>		0 <sup>56</sup>	0 <sup>56</sup>		0 <sup>56</sup>
25	1/4" x 3" Mach. Bolts	10	Doz.		0 <sup>222</sup>		2 <sup>22</sup>	2 <sup>22</sup>		
26	1/4" x 3 1/2" " " "	10	Doz.		0 <sup>246</sup>		2 <sup>46</sup>	2 <sup>46</sup>		
27	1/4" <sup>iron</sup> Washers	24	Doz.		0 <sup>02</sup>		0 <sup>48</sup>	0 <sup>48</sup>		
28	Nails	600	lbs.		0 <sup>08</sup>		48 <sup>00</sup>	48 <sup>00</sup>		
29	Steel Butts 2 1/2" x 2 1/2"	2	Pr.		0 <sup>18</sup>		0 <sup>36</sup>	0 <sup>36</sup>		0 <sup>36</sup>
30	1/2" Fibre board	1200	Sq. Ft.		0 <sup>05</sup>		60 <sup>00</sup>	60 <sup>00</sup>		
31	#8 W.P. Wire	100	ft.		0 <sup>03</sup>		3 <sup>00</sup>	3 <sup>00</sup>		
32	#14 W.P. Wire	450	fl.		0 <sup>03</sup>		13 <sup>50</sup>	13 <sup>50</sup>		13 <sup>50</sup>
33	Split Knobs #5 1/4	50	ea.		0 <sup>07</sup>		3 <sup>50</sup>	3 <sup>50</sup>		3 <sup>50</sup>
34	2 spool rack	2	ea.		2 <sup>50</sup>		5 <sup>00</sup>	5 <sup>00</sup>		5 <sup>00</sup>
35	Entrance Switch	1	ea.		1 <sup>80</sup>		1 <sup>80</sup>	1 <sup>80</sup>		1 <sup>80</sup>

4893.86

4893.86

662.39

Construction & Maintenance Section -- PROJECT COST ESTIMATE SHEET #45 Estimated Total Cost \$5810. Date Submitted 5/25/44 Sheet # 3 of 3

Item No.	Description	Quantity	Unit	Unit Cost		Labor	Material	Total	Value Matr'l On Hand
				Labor	Matr'l				
36	Fuse Block	1	ea		2 <sup>00</sup>		2 <sup>00</sup>	2 <sup>00</sup>	2 <sup>00</sup>
37	Lamp 100 w.	10	ea		0 <sup>10</sup>		1 <sup>00</sup>	1 <sup>00</sup>	1 <sup>00</sup>
38	Conduit Elbow 1/2"	1	ea		0 <sup>25</sup>		0 <sup>25</sup>	0 <sup>25</sup>	0 <sup>25</sup>
39	Conduit Connector 1/2"	2	ea		0 <sup>20</sup>		0 <sup>40</sup>	0 <sup>40</sup>	0 <sup>40</sup>
40	#6 Bare Copper wire	10	Ft		0 <sup>08</sup>		0 <sup>80</sup>	0 <sup>80</sup>	0 <sup>80</sup>
41	Toggle switch	2	ea		0 <sup>35</sup>		0 <sup>70</sup>	0 <sup>70</sup>	0 <sup>70</sup>
42	Entrance Cap	1	ea		1 <sup>00</sup>		1 <sup>00</sup>	1 <sup>00</sup>	1 <sup>00</sup>
43	Labor					900 <sup>00</sup>		900 <sup>00</sup>	
						900 <sup>00</sup>	4910.31	5810 <sup>31</sup>	679 <sup>20</sup>

# POTATO CELLAR

I ONLY

4-17-44.

(1)

ITEM No.	DESCRIPTION	LENGTH DESIRED	QUANTITY
1.	FOOTINGS. PORTLAND CEMENT		75 Sacks
2.	" $\frac{3}{4}$ " $\phi$ x 12" Long STEEL DOWELS		36 Ea.
3.	POSTS 12" POLES (PINE)	12'-0"	36 POLES
4.	" 8" " "	7'-0"	36 "
5.	GIRDERS 12" " "	12'-0"	34 "
6.	" 8" " "	12'-0"	34 "
7.	TIES. 6" " "	14'-0"	9 "
8.	RAPTERS 8" " "	34'-0"	202 "
9.	" 8" " "	16'-0"	44 "
10.	Roof. 48" - 12 Gauge WIRE - $2\frac{3}{8}$ " DIAMOND MESH CHAIN LINK FABRIC		14,500 Sq. Ft.
11.	STRAW 18" x 18" x 36"		3200 Bales.
12.	SLEEPERS 6" x 6" S4S #2 COMMON D.F. Rough	14'-0"	4 Pcs.
13.	POSTS 6" x 6" " #2 " " D.F. "	10'-0"	4 "
14.	STUDS 2" x 6" S4S #2 COMMON D.F.	10'-0"	40 "
15.	PLATES 2" x 6" " #1 " D.F.	14'-0"	12 "
16.	RAPTERS 2" x 4" " #1 " D.F.	8'-0"	32 "
17.	Roof. 2" x 8" " #2 " D.F.	14'-0"	4 "
18.	" 2" x 8" " #2 " D.F.	8'-0"	4 "
19.	SHEATHING 1" x 6" #3 COMMON SHUPLAP D.F.	R/L	2000 Bd. Ft.
20.	DOORS 1" x 6" S4S #2 COMMON W.P.	10'-0"	8 Pcs.
21.	" 1" x 6" " " " W.P.	12'-0"	8 "
22.	" $\frac{1}{2}$ " HOORES 1" x 4" " " " W.P.	12'-0"	3 "
23.	" 1" x 6" T. & G. " GRADE W.P.	10'-0"	600 Bd. Ft.
24.	Roof 58# ROOFING FELT.		5 ROLLS
26.	" $\frac{7}{8}$ " LARGE HEAD R.P. NAILS		2 $\frac{1}{2}$ Lbs.
27.	" ROOFING ASPHALT		63 Lbs.
28.	" MOP YARN		$\frac{1}{2}$ Lb.
29.	HARDWARE 12" STRAP HINGE (HEAVY)		12 Pcs.
30.	" $\frac{1}{4}$ " Dia. 3" Long MACHINE BOLTS		10 doz.
31.	" $\frac{1}{4}$ " " $3\frac{1}{4}$ " " " "		10 doz.
32.	" $\frac{1}{4}$ " STEEL WASHERS		24 doz.

Entrance

32.	HARDWARE	SAFETY STEEL	3½" HINGE HAS.		1 Ea ✓
32.	"	"	4½" " "		4 Ea ✓
33.	"	4" T-HINGE (HEAVY)			2 PR. ✓
34.	STAY DOOR	1" x 6" S&S #2 Common	W.P.	10'-0"	50 Pcs ✓
35.	"	2" x 6" " " "	D.P.	12'-0"	14 " ✓
36.	"	2" x 6" " " "	D.P.	8'-0"	4 " ✓
37.	LOUVERES	1" x 6" " " "	W.P.	10'-0"	2 " ✓
38.	"	1" x 4" " " "	W.P.	8'-0"	2 " ✓
39.	"	2" x 6" " " "	D.P.	6'-0"	1 " ✓
40.	HARDWARE	2½" x 2½" STEEL BUTTS			2 PRS.
41.	NAILES -	12" SPIKES			100 Lbs.
42.	"	10" "			150 Lbs.
43.	"	60 d Common			20 Lbs.
44.	"	16 d "			100 Lbs.
45.	"	8 d "			100 "
46.	DRIFT PINS	3/8" φ x 14" long			36 Ea
<del>47.</del>	<del>Dowels</del>	<del>3/4" φ x 12" "</del>	<del>STEEL Dowels</del>		<del>36 Ea</del>
48.	Insulation	1/2" CELOTEX -			1200 Sqft.
49.	"	4 d Box Nails			8 Lbs.
<del>50.</del>	<del>Removable Panels</del>	<del>1" x 6" Rough</del>	<del>W.P. OR D.P.</del>	<del>12'-0"</del>	<del>1300 Pcs.</del>
<del>51.</del>	<del>"</del>	<del>1" x 6" " " "</del>	<del>" " "</del>	<del>10'-0"</del>	<del>60 "</del>
<del>52.</del>	<del>"</del>	<del>2" x 3" S&amp;S #2 Common</del>	<del>D.P.</del>	<del>12'-0"</del>	<del>210 "</del>
<del>53.</del>	<del>Nails</del>	<del>8 d Common</del>			<del>30 Lbs.</del>
<del>54.</del>	<del>"</del>	<del>20 d "</del>			<del>100 Lbs.</del>
50.	Removable Panels	4" Poles (Pine)		12'-0"	1600 Poles ✓
51.	"	2" x 3" S&S #2 Common	D.P.	12'-0"	250 Pcs.
53.	"	Nails 20 d Common			100 Lbs.

POULTRY PROJECT.

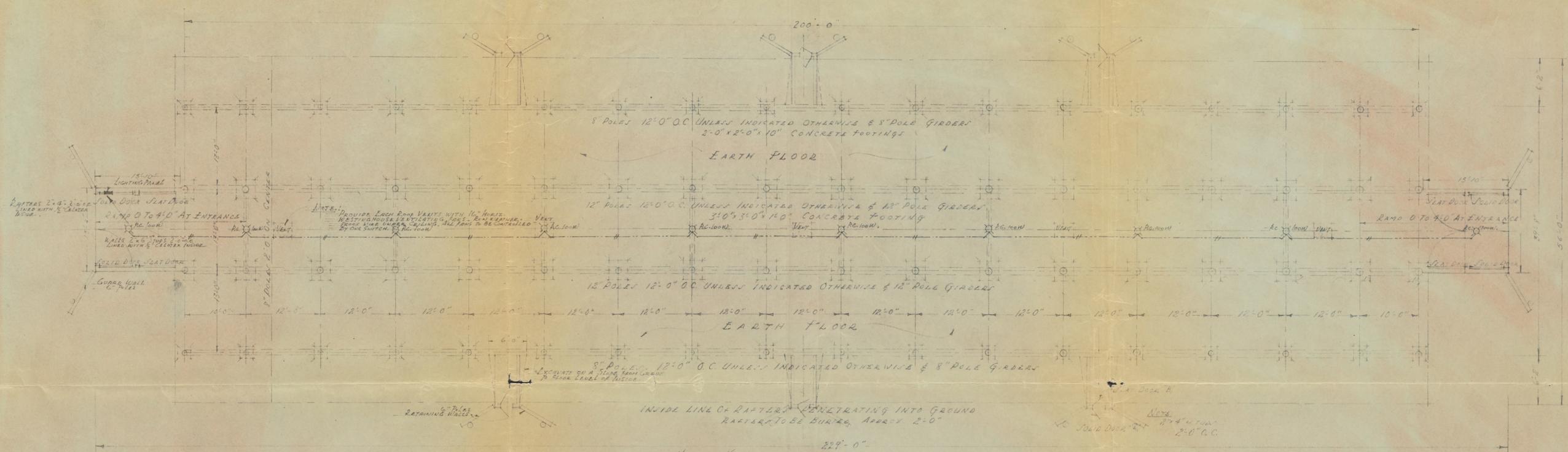
ITEM NO	CODE NO	UNIT OF MEASURE	DESCRIPTION OF ARTICLE	AMOUNT REQUIRED	AMOUNT ALLOWED	ON HAND	TO BE PURCHASED
7	2016	TONS.	(B) PIPE BLACK 26 20-FT.	2.099	1.830	2.099	NONE \$75.24
20	2061	"	WIRE-NAILS 6000 LBS	3	2.582	2.582	0.418 = 836 LBS \$2.00
23	2061	LIN. FT.	GUY. STRAND. (WIRE).	50	NONE.	NONE.	50-FT.
24	2061	TONS.	POULTRY-NETTING.	0.39	0.39	0.39	NONE. \$49.68
37	3101	LBS.	WIRE-BARE & INSULATED.	995	355	774	216 LBS.
50		LBS.	LEAD. SOLDER.	5	NONE.	5	NONE.
80		TONS	ASPHALT.	0.225	"	0.225	NONE.
82		SQUARES	ROLL-ROOFING.	997	616.5	997	\$762.00 381
97		M.B.M.	CONST. LBR: 2" & UNDER.	139.421	95.000	139.421	NONE
104		NUMBER	WINDOWS & FRAMES.	276		276	NONE. \$546.70
107		SQ. FT.	FIBRE BOARD. 1/2"	115.732	104.796	104.796	10.936
110		NUMBER	POLES. 6" TOP. 30'	5		5	NONE.
110		"	" " 45'	13	13	13	NONE.
110		"	" " 6" 10'	44	44	44	NONE.
110		"	" " 6" 8'	175	175	175	NONE.
117		DOLLARS	MUP. YARN. 2 LBS.	1.22		1.22	NONE.
184	403	"	TRANSFORMER. 10-K.V.A.	338.00	338.00	338.00	NONE
184	403	"	TRANSFORMER. CUTOUT. 70V. 3EA	33.00		33.00	NONE.
193	411	"	SWITCHES. KNIFE. & ENCLOSED	52.00	52.00	52.00	NONE.
194A	415	"	THIN WALL CONDUIT 1/2" 120 FT.	18.00		18.00	NONE.
196	415	"	LOOM. 7/32" 525-FT.	9.95	9.45	9.95	NONE.
198	415	"	SWITCH. BDX. 88 PCS. WITH COVER	14.00	14.00	14.00	NONE.

POULTY PROJECT

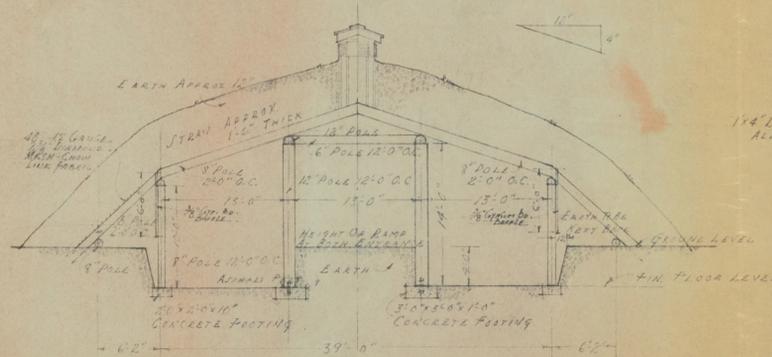
ITEM NO	CODE NO	UNIT OF MEASURE	DESCRIPTION OF ARTICLE	AMOUNT REQUIRED	AMOUNT ALLOWED	ON-HAND	TO BE PURCHASED
199	418	DOLLARS	INSULATORS. SPOOL.	23.48	13.00	23.48	NONE.
200	420	"	POLE LINE HARDWARE.	134.00	134.00	134.00	NONE.
201	536	"	INCANDESCENT LIGHTING FIX	75.00	35.50	75.00	NONE.
206	421	"	WIRING DEVICES.	414.00	124.80	367.80	46.20.
216	571	"	PLUMBING FIXTURES & TRIM.	20.00	20.00	20.00	NONE.
218		"	(B) PIPE FITTINGS. BLACK.	26.10	6.50	26.10	NONE.
273	705	TONS.	EAVES TROUGH. 4" 16 GA.	0.076			0.076
280		DOLLARS	FINISH HARDWARE.	317.50	120.00	317.50	NONE.
283	714	LBS.	BOLTS. NUTS. WASHERS.	460.	460.	460.	NONE.

\$ 46.20

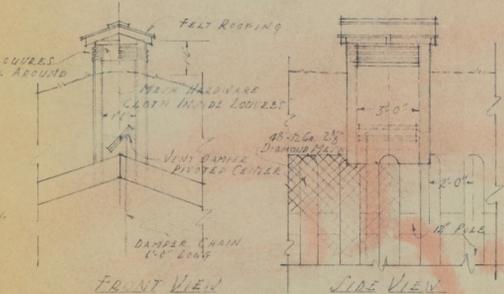
\$61.30



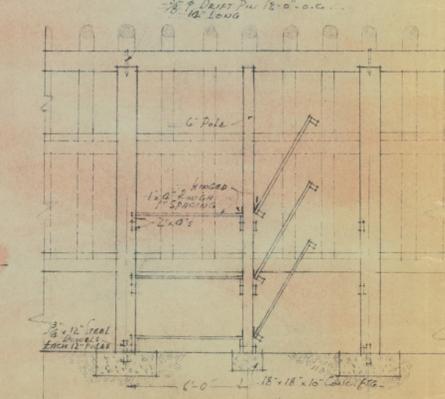
$4 \frac{1}{2} \times \frac{2}{6} = 3 \frac{1}{6}$   
**FLOOR PLAN**  
 SCALE 1/8" = 1'-0"  
 17/16  
 $\frac{26}{56}$



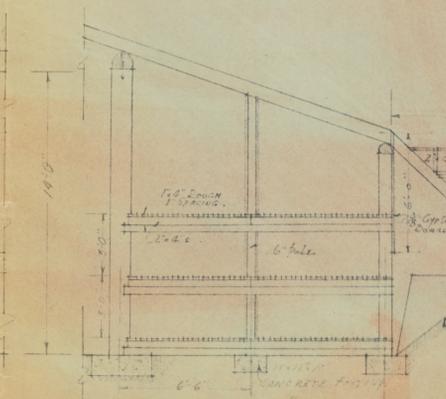
**TRANSVERSE SECTION**  
SCALE 1/4" = 1'-0"



**DETAIL DRAWING OF VENT**  
SCALE 1/4" = 1'-0"

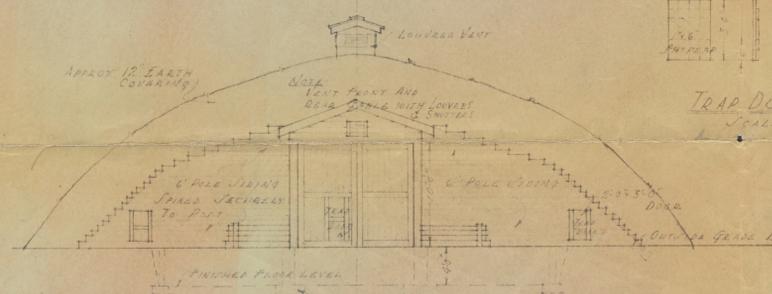


**FRONT VIEW**

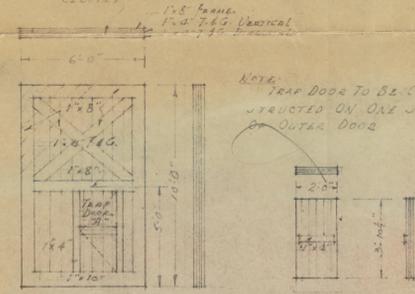


**SIDE VIEW**

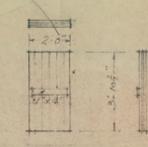
**DETAIL DRAWING OF TYPICAL BAY**  
 SCALE 1/4" = 1'-0"  
 NOTE: MODEL SIX BAYS OF RAFTER AISLE FOR EMERGENCY STORAGE - PARTIAL PLANNING SECTION OF G-PILE COLLARS. E.A. WILL NEED 1/2" TO 3/4" RADIUS WITH SPANNING.



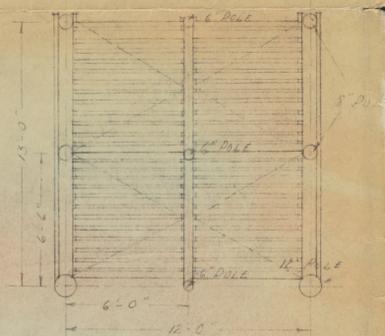
**FRONT ELEVATION**  
SCALE 1/8" = 1'-0"



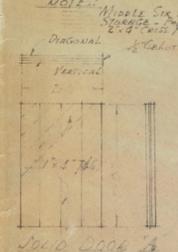
**SOLID DOOR 'A'**  
SCALE 1/4" = 1'-0"



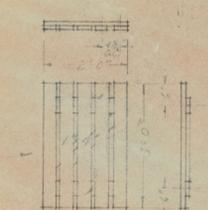
**TRAP DOOR 'A'**  
SCALE 1/4" = 1'-0"



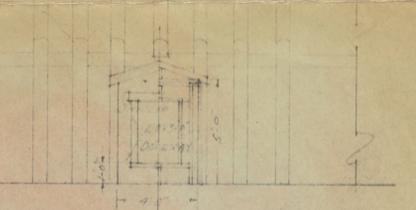
**FLOOR PLAN**



**SOLID DOOR 'B'**  
SCALE 1/4" = 1'-0"



**TRAP DOOR 'B'**  
SCALE 1/4" = 1'-0"



**FRONT VIEW OF SIDE VENT**  
SCALE 1/4" = 1'-0"  
EXHIBIT 'A'

<b>UNION CELLAR</b>			
WAR RELOCATION AUTHORITY DILLON S. MYER, DIRECTOR			
MINIDOKA WAR RELOCATION PROJECT H. L. STAFFORD, PROJECT DIRECTOR			
APP. <b>H. Davidson</b>	SECTION HEAD	APP. <b>H. L. Stafford</b>	PROJECT DIRECTOR
NO. <b>168</b>	OF <b>1</b> SHEETS	MT-X	168