

Building Plans

and

Working Details

for

Cypress Exhibit Cabin

at

A CENTURY OF PROGRESS

CHICAGO, 1933-34

MURRAY HETHERINGTON, Architect
10153 Prospect Avenue, Chicago

Look for This Arrow



on Every Board or Bundle

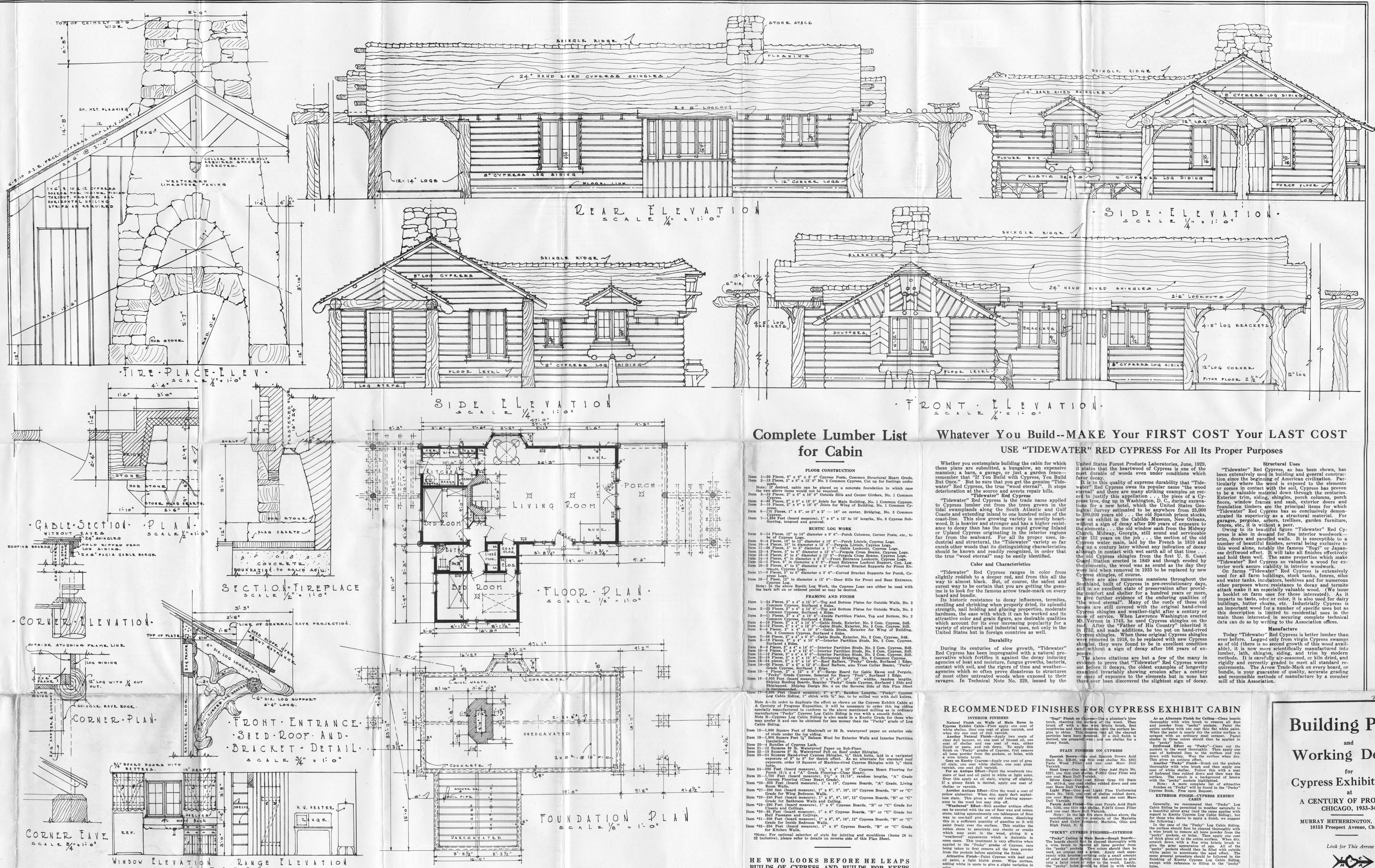
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Complete Lumber List for Cabin

FLOOR CONSTRUCTION

- Item 1-30 Pieces, 8" x 8" x 3' 0" Cypress Posts, Common Structural Heart Grade. Item 2-100 Feet, 2" x 8" x 12' No. 2 Common Cypress, Cut up for footings under posts. Note: The above items can be placed on a concrete foundation in which case Item 2-100 Feet would be required.
- Item 3-100 Feet, 2" x 8" x 16' Outside Sills and Center Girders, No. 1 Common Cypress. Item 4-30 Pieces, 2" x 8" x 15' 0" Joints for Main Building, No. 1 Common Cypress. Item 5-100 Feet, 2" x 8" x 15' 0" Perigia Cross Beams, Cypress Logs. Item 6-100 Feet, 1" x 8", or 2" x 2" - 16' on center Bridging, No. 1 Common Cypress. Item 7-100 Feet (board measure), 1" x 6" x 12' to 16' lengths, No. 2 Cypress Sub-flooring, tongued and grooved.

RUSTIC LOG WORK

- Item 8-100 Pieces, 12" x 14" x 8' 0" - Porch Columns, Corner Posts, etc., to be of Cypress Logs. Item 9-100 Feet, 12" diameter x 12' - Porch Lined, Cypress Logs. Item 10-40 Pieces, 12" in diameter x 12' - Porch Little, Cypress Logs. Item 11-100 Feet, 12" diameter x 12' - Porch Posts, Cypress Logs. Item 12-4 Pieces, 5" to 6" diameter x 13' 0" - Perigia Cross Beams, Cypress Logs. Item 13-4 Pieces, 5" to 6" diameter x 12' 0" - Front Entrances, Log Shelters, Cypress Logs. Item 14-4 Pieces, 5" to 6" diameter x 8' 0" - Front Entrances, Log Shelters, Cypress Logs. Item 15-200 Feet, 4" diameter x 12' - Curved Bracket Supports for Porch, Cypress Logs. Item 16-100 Feet, 12" in diameter x 12' 0" - Door Sills for Front and Rear Entrance. Note: Cypress Logs, Rustic Log Work, the Cypress Logs can either be used with the bark left on or ordered with the bark removed, as may be desired.

PLAINT AND FINISH

- Item 1-24 Pieces, 2" x 4" x 12' 0" - Interior Partition Plates for Outside Walls, No. 2 Common Cypress, Surfaced 4 Sides, Top and Bottom, No. 2 Common Cypress, Surfaced 4 Sides, Exterior, No. 3 Common Cypress. Item 3-100 Feet, 2" x 4" x 12' 0" - Gable Studs, Exterior, No. 3 Common Cypress. Item 4-12 Pieces, 2" x 4" x 12' 0" - Gable Studs, Exterior, No. 4 Common Cypress. Item 5-12 Pieces, 2" x 4" x 12' 0" - Gable Studs, Exterior, No. 5 Common Cypress. Item 6-12 Pieces, 2" x 4" x 12' 0" - Gable Studs, Exterior, No. 6 Common Cypress. Item 7-100 Feet, 2" x 4" x 12' 0" - Interior Partition Plates for Outside Walls, No. 2 Common Cypress, Surfaced 4 Sides, Top and Bottom, No. 2 Common Cypress. Item 8-18 Pieces, 2" x 4" x 10' 0" - Interior Partition Studs, No. 2 Common Cypress. Item 9-8 Pieces, 2" x 4" x 14' 0" - Interior Partition Studs, No. 2 Common Cypress. Item 10-8 Pieces, 2" x 4" x 14' 0" - Interior Partition Studs, No. 2 Common Cypress. Item 11-12 Pieces, 2" x 4" x 10' 0" - Gable Studs, Exterior, No. 3 Common Cypress. Item 12-4 Pieces, 2" x 4" x 10' 0" - Gable Studs, Exterior, No. 4 Common Cypress. Item 13-4 Pieces, 2" x 4" x 10' 0" - Gable Studs, Exterior, No. 5 Common Cypress. Item 14-400 Feet, 12" x 14" x 8' 0" - Porch Rafters, also True Collar Beams, "Pecky" Cypress Logs. Item 15-400 Feet, 12" x 14" x 8' 0" - Porch Rafters, also True Collar Beams, "Pecky" Cypress Logs. Item 16-100 Feet (board measure), 1" x 6" x 12' to 16' widths, random lengths, 30' long. Item 17-100 Feet (board measure), 1" x 6" x 12' to 16' widths, random lengths, 30' long. Item 18-100 Feet (board measure), 1" x 6" x 12' to 16' widths, random lengths, 30' long. Item 19-100 Feet (board measure), 1" x 6" x 12' to 16' widths, random lengths, 30' long. Item 20-100 Feet (board measure), 1" x 6" x 12' to 16' widths, random lengths, 30' long. Item 21-100 Feet (board measure), 1" x 6" x 12' to 16' widths, random lengths, 30' long. Item 22-24 Squares Hand-rived Cypress Shingles, ½" thick, laid in a staggered pattern, 18 squares per square yard. Item 23-100 Feet (board measure), 1" x 6" x 10' 0" Cypress Heart Flooring for Stairs, 21" x 13 1/16", random lengths, "A" Grade. Item 24-390 Feet (board measure), 1" x 6" x 10' 0" Cypress Heart Flooring for Stairs, 21" x 13 1/16", random lengths, "A" Grade. Item 25-1,750 Feet (board measure), 21" x 13 1/16", random lengths, "A" Grade. Item 26-600 Feet (board measure), 1" x 10' 0" Cypress Boards, "A" Grade, Living Room. Item 27-280 feet (board measure), 1" x 6", 8", 10", 12" Cypress Boards, "B" or "C" Grade for Wing Room, Walls and Ceilings. Item 28-280 feet (board measure), 1" x 6", 8", 10", 12" Cypress Boards, "B" or "C" Grade for Bathroom Walls and Ceilings. Item 29-280 feet (board measure), 1" x 6", 8", 10", 12" Cypress Boards, "B" or "C" Grade for Hall Passages and Ceilings. Item 30-280 feet (board measure), 1" x 6", 8", 10", 12" Cypress Boards, "B" or "C" Grade for Inside Bedroom Walls. Item 31-280 feet (board measure), 1" x 6", 8" Cypress Boards, "B" or "C" Grade for Kitchen Walls.

Note: For optional selection of style for joists and moldings (Items 26 to 31 inclusive), please refer to details on reverse side of this Plan Sheet.

During its centuries of slow growth, "Tidewater" Red Cypress has been impregnated with natural preservatives which resist against the attacks of insects, fungi, bacteria, contact with soil, and the rigors of time and weather, agencies which so often prove disastrous to structures of most other untreated woods when exposed to their ravages. In Technical Note No. 229, issued by the

The above citations are but a few of the many in evidence to show that "Tidewater" Red Cypress wears out before it decays, the oldest examples of longevity examined invariably showing erosion after a century of exposure of exposure to the elements put in but have never been discovered the slightest sign of decay.

RECOMMENDED FINISHES FOR CYPRESS EXHIBIT CABIN

INTERIOR FINISHES

Natural Finish on Cypress—Use a plain oil-brown stain. Rubbing Cypress—First apply one coat of water stain to the surface, then when dry one coat shellac. Dull Varnish—Apply two coats of clear dull lacquer, or one coat of linseed oil varnish, or one liquid or paste, and then dry. To apply this finish, the surface must be sanded down to a fine powder from the pockets, or holes, with a wire brush.

Grey on Cypress—Apply one coat of grey varnish, then when dry, sand the woodwork two coats of lead and oil paint in white or light color, yellow alkyd. When dry, apply dark varnish. If a glossy finish is desired, apply one coat of shellac.

Another Antique Effect—Give the wood a coat of yellow alkyd. When dry, apply dark asphaltum. This gives a dark, mottled antique appearance to the wood but may chip off.

Light Paint—One coat Light Pine Uniforming Stain No. 103, one coat Varnish and one coat Dull Varnish.

Purple Acid Finish—One coat Purple Acid Stain No. 522, one thin coat wax, F-307 Green Filler and Varnish.

Faint and Color Company, Marietta, Ohio and Paint.

"PECKY" CYPRESS FINISHES—INTERIOR

"Pecky" Ceiling in Main Room—Rough Boards. A wide board should be chosen for the ceiling, when applied to the "Pecky" grades of Cypress care being taken to remove all the loose powder from the pocket holes.

Attractive Finish—Paint Cypress with lead and zinc paint free from alkyls. This gives a dark, faint trace of color to the wood. White wash, adding white in spots to give a slight variation in color.

Whatever You Build--MAKE Your FIRST COST Your LAST COST

USE "TIDEWATER" RED CYPRESS For All Its Proper Purposes

United States Forest Products Laboratories, June, 1929, states that the heartwood of Cypress is one of the most durable woods ever under condition which favor decay.

It is to this quality of durability that "Tidewater" Red Cypress owes its popularity as the "wood eternal" and there are many striking examples to justify this appellation . . . the piece of a Cypress tree dug up at Washington, D. C., during excavations in 1800, still stands.

"Tidewater" Red Cypress is the name applied to Cypress lumber cut from the trees grown in the tidal swamps along the South Atlantic and Gulf Coasts and the Mississippi River and its tributaries.

This slow growing variety is mostly heartwood. It is heavier and stronger and has a higher resistance to decay than the old water cypress from far up the seaboard. For all uses, including structural and exterior, the "Tidewater" variety so far exceeds water cypress that its distinction should be known and readily recognized, in order that the true "wood eternal" may be easily identified.

Color and Characteristics

"Tidewater" Red Cypress ranges in color from light reddish brown to a deeper red, and from this we to almost black. The color is a good guide and sure way to be certain that you are getting the genuine.

Its historic resistance to decay influences, termites, swelling and shrinking when properly dried, its splendid hardness, the ease with which it can be worked and its attractive color and grain figure, are desirable qualities which make it a valuable material for a variety of structural and industrial uses, not only in the United States but in foreign countries as well.

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STRUCTURAL USES

"Tidewater" Red Cypress, as has been shown, has extensively proved its value in general construction since the beginning of American civilization. Particularly where the wood is exposed to the elements or comes in contact with the soil, Cypress has proven to be more durable than any other wood.

Exterior trim, siding, shingles, porch columns, porch floors, window frames and sash, exterior doors and windows, interior door frames, etc., made of "Tidewater" Red Cypress has so conclusively demonstrated its superiority as a structural material. For example, in ships, boats, garden furniture, fences, etc., it is without a peer.

Owing to its beautiful figure, "Tidewater" Red Cypress is finding increasing use in interior woodwork, trim, doors and panelled walls. It is susceptible to a number of beautiful finishes, several being exclusive to this wood. It is particularly well suited to paneled walls, door panels, etc., because of its unique driftwood effect. It will take all finishes effectively and hold them well. The same properties which make "Tidewater" Red Cypress so valuable for exterior work assure stability in interior woodwork.

On farms "Tidewater" Red Cypress is extensively used for fence posts, gates, fence rails, sheds and water tanks, incubators, bee hives and for numerous other purposes where resistance to decay and termite attack is important. This wood is also used for barns, stables, etc., and is especially popular for those interested in cheese making. It is a good wood for cheese wheels as it imparts no taste, odor or color, it is also used for dairy products, butter churns, etc. Industrially Cypress is an important material for a variety of uses, but this description is limited to residential uses in the main those interested in seeing complete technical data can do so by writing to the Association offices.

MANUFACTURE

Today "Tidewater" Red Cypress is better lumber than ever before. Lumber only from virgin Cypress swamps is used. Cypress is now more scientifically manufactured into lumber, lath, shingles, siding, trim and kiln dried, planed and crosscut to meet every trade and roof requirements. The Arrow Trade-Mark on every board, or bundle, is your guarantee of quality, accurate grading and responsible methods of manufacture by a member mill of this Association.

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